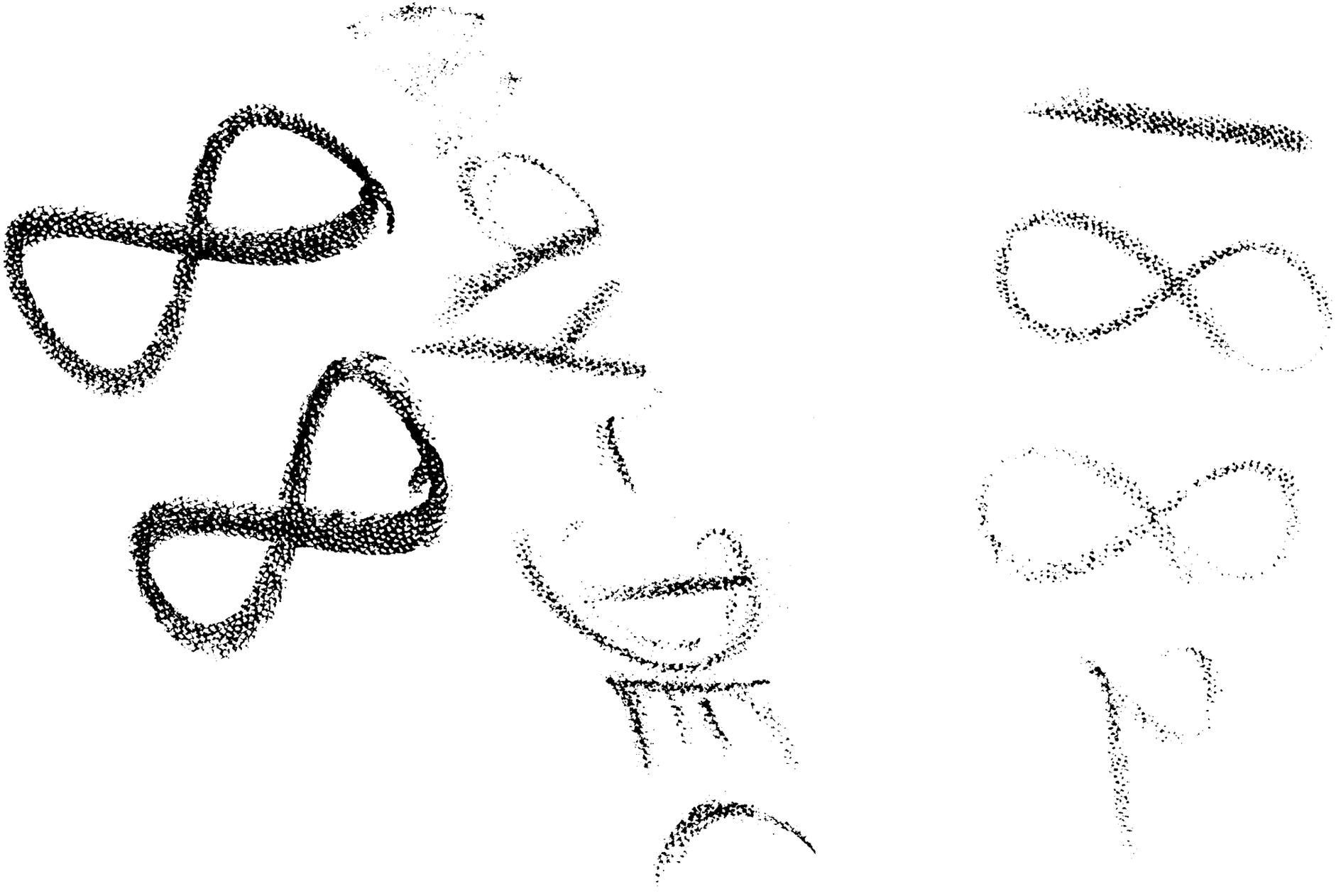


Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Rajputana—		
Abu (May 10th)	·17	Weather seasonable; winds high; weather cooler than usual.
Sirohi („ 7th)	.....	Tanks and wells fair; health good; warm days; hot winds prevail.
Marwar („ 5th)	.....	Plenty of water in tanks and wells; health good; weather clear; winds sharp; heat unusually moderate; nights still cool; weather abnormal; prices falling; crops harvested.
Meywar ...	.....	Deaths from cholera decreasing.
Harowti (May 6th)	Kotah, ·10; Deoli, ·42; elsewhere drops.	Dust-storms on Tuesday night from north-west and on Saturday night from north, latter followed by rain; weather sultry, close; wind variable; small-pox abating; some fever prevalent.
Jhallawar („ 3rd)	·02	Tanks and wells low; small-pox abating.
Ajmere („ 9th)	Few drops	Dust-storms and thunder; few cases of small-pox and cholera reported in district.
Jeypore („ „)	Few drops	Dust-storms; prices stationary; health good.
Ulwur („ 10th)	.....	Harvesting finished; slight rain; health good; no material fall in prices.
Nepal—(May 4th)		
Katmandu ...	·73	Weather showery, with heavy wind and much thunder at times; on 1st there was a hail-storm, which did serious damage to the crops in the valley of Katmandu.

E. C. BUCK,
Secy. to the Govt. of India.

GOVERNMENT OF INDIA.

LEGISLATIVE DEPARTMENT.

ABSTRACT OF THE PROCEEDINGS OF THE COUNCIL OF THE GOVERNOR GENERAL OF INDIA, ASSEMBLED FOR THE PURPOSE OF MAKING LAWS AND REGULATIONS UNDER THE PROVISIONS OF THE ACT OF PARLIAMENT 24 & 25 VIC., CAP. 67.

The Council met at Government House, Simla, on Thursday, the 11th May, 1882.

PRESENT:

His Excellency the Viceroy and Governor General of India, K.G., G.M.S.I., G.M.I.E., *presiding*.
His Excellency the Commander-in-Chief, G.C.B., C.I.E.
The Hon'ble J. Gibbs, C.S.I., C.I.E.
Major-General the Hon'ble T. F. Wilson, C.B., C.I.E.
The Hon'ble T. C. Hope, C.S.I.
The Hon'ble C. P. Ilbert, M.A.
The Hon'ble Sir S. C. Bayley, K.C.S.I., C.I.E.
The Hon'ble C. H. T. Crosthwaite.
The Hon'ble W. C. Plowden.

CENTRAL PROVINCES LOCAL RATES BILL.

The Hon'ble MR. CROSTHWAITE moved that the Hon'ble Mr. Hope be added to the Select Committee on the Bill to provide for the levy of Rates on land in the Central Provinces.

The Motion was put and agreed to.

CENTRAL PROVINCES TENANCY BILL.

The Hon'ble MR. CROSTHWAITE also moved that the Hon'ble Mr. Plowden be added to the Select Committee on the Bill to consolidate and amend the law relating to Agricultural Tenancies in the Central Provinces.

The Motion was put and agreed to.

The Council adjourned to Thursday, the 18th May, 1882.

SIMLA;
The 11th May, 1882.

D. FITZPATRICK,
Secretary to the Government of India,
Legislative Department.

Printed and Published for the GOVERNMENT OF INDIA *at the* GOVERNMENT CENTRAL BRANCH PRESS, *Simla.*

SUPPLEMENT TO

The Gazette of India.

Nº 20.} CALCUTTA, SATURDAY, MAY 20, 1882.

OFFICIAL PAPERS.

A SUPPLEMENT *to the* GAZETTE OF INDIA *will be published from time to time, containing such Official Papers and information as the Government of India may deem to be of interest to the Public, and such as may usefully be made known.*

Non-Subscribers to the GAZETTE *may receive the* SUPPLEMENT *separately on a payment of six Rupees per annum if delivered in Calcutta, or nine Rupees if sent by Post.*

No Official Orders or Notifications, the publication of which in the GAZETTE OF INDIA *is required by Law, or which it has been customary to publish in the* CALCUTTA GAZETTE, *will be included in the* SUPPLEMENT. *For such Orders and Notifications the body of the* GAZETTE *must be looked to.*

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

RAILWAY TRAFFIC.

RETURNS OF ACCIDENTS ON INDIAN RAILWAYS FOR THE FOURTH QUARTER OF 1881.

No. 397 R. T., dated Simla, 4th May 1882.

RESOLUTION—By the Government of India, Public Works Department.

Read again—

Public Works Department Circular No. 9 Railway, dated 16th May 1881.

" " " " " 158 R. T., dated 17th February 1882.

Read also—

Returns of Accidents to Trains, &c., on the open lines of Railways in India for the quarter ending 31st December 1881.

OBSERVATIONS.—As compared with the corresponding quarter of the previous year, with an increase of 801½ miles, or 8·98 per cent., in the open mileage, and of 1,400,577 miles, or 17·91 per cent., in the train mileage, the number of accidents to trains, rolling stock, permanent-way, &c., shows a decrease of 14, or 2·14 per cent. The numbers chiefly vary on the following Railways:—

	Increase.	Decrease.
East Indian Railway, including the State branches worked by it	...	17
South Indian	...	43
Great Indian Peninsula	17	...
Bombay, Baroda and Central India	12	...
Rajputana	44	...
Punjab Northern	...	15
Indus Valley and Kandahar	...	24

2. The reduction on the East Indian Railway mainly took place under "Collisions between goods trains or parts of goods trains," "Goods trains or parts of goods trains, engines, &c., leaving the rails," and "Trains running over cattle," the numbers under these heads being *nil* against 13, 4 against 8,

and 13 against 16, respectively. There were, on the other hand, 9 cases of collisions between "Passenger trains and goods or mineral trains, engines, and vehicles standing foul of the line" against 2.

3. The large decrease on the South Indian Railway was due to there being only 27 cases of "Trains running over cattle" against 46; 1 of "Passenger trains or parts of passenger trains leaving the rails" against 5; and 1 of "Goods trains or parts of goods trains, engines, &c., leaving the rails" against 8.

4. The total number of accidents on the Great Indian Peninsula Railway, including the State lines worked by it, was more by 17: under "Fire in trains" there were 13 cases against *nil*; under "Failure of axles" 3 against 1; and under "Other accidents" 5 against *nil*. The number of accidents from "Trains running over cattle" decreased from 16 to 9.

5. On the Bombay, Baroda and Central India Railway the number of accidents increased by 12, owing principally to the number of accidents from "Goods trains or parts of goods trains, engines, &c., leaving the rails," being 8 against *nil*.

6. On the Rajputana Railway the increase appears under several heads, especially under "Trains running over cattle," "Trains running over obstructions on the line," and "Failure of couplings." The accidents under these heads numbered 33 against 12, 9 against *nil*, and 8 against 2, respectively.

7. The number of accidents on the Punjab Northern State Railway decreased by 15, as there were no cases of "Passenger trains or parts of passenger trains leaving the rails" against 8; 1 of "Trains or engines travelling in the wrong direction through points" against 5; 1 of "Trains running over obstructions on the line" against 5; and 6 of "Fire in trains" against 9. There were, however, 6 cases of "Other accidents" against 3; and 3 "Failures of machinery, springs, &c., of engines" against *nil*.

8. On the Indus Valley and Kandahar State Railways the number diminished from 153 to 129, as there were no cases of "Collisions between goods trains or parts of goods trains" against 8; 6 of "Goods trains or parts of goods trains, engines, &c., leaving the rails" against 14; 41 of "Trains running over cattle" against 54; and 28 "Failures of machinery, springs, &c., of engines" against 30. The number of "Fires in trains," however, increased from 20 to 26; and of "Other accidents" from 1 to 7.

9. The casualties resulting from accidents to trains, &c., were among passengers 18 injured against 1, and among servants 5 killed and 16 injured against 1 killed and 2 injured. The largest number appears to have occurred on the Great Indian Peninsula Railway, where 13 passengers and 7 servants were injured. Three of the 7 servants and the 13 passengers were injured by No. 54 up passenger train running into No. 44 down goods outside the distant signal at Chinchvad on the 26th October 1881. The injuries were mostly of a trivial nature, and the Driver and Guard of the goods train and the Assistant Station Master, who were to blame, have been suitably punished.

10. The following table exhibits the number of accidents under the different classes, and the number of persons killed and injured thereby:—

	Number of Accidents.	Number of Passengers and others.		Number of Servants.		Total.	
		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
Collisions between passenger trains and goods or mineral trains, engines, and vehicles standing foul of the line	18	...	13	...	3	...	16
Collisions between goods trains or parts of goods trains	17	...	...	...	...	...	...
Passenger trains or parts of passenger trains leaving the rails	13	...	...	...	...	...	...
Goods trains or parts of goods trains, engines, &c., leaving the rails	72	...	...	...	...	...	...

	Number of Accidents.	Number of Passengers and others.		Number of Servants.		Total.	
		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
Trains or engines travelling in the wrong direction through points	13	...	...	...	...	...	...
Trains running into stations or sidings at too high a speed	1	...	5	...	...	...	5
Trains running over cattle on the line	191	...	...	...	...	...	...
Do. do. over obstructions on the line	38	...	...	...	...	...	...
Trains running through gates at level crossings	14	...	...	...	...	...	...
The brusting of boilers or tubes, &c., of engines	52	...	...	...	...	...	...
The failure of machinery, springs, &c., of engines	62	...	...	...	...	...	...
The failure of machinery, springs, &c., of tyres	4	...	...	1	5	1	5
The failure of machinery, springs, &c., of wheels	2	...	...	...	...	...	...
The failure of machinery, springs, &c., of axles	12	...	...	...	...	...	...
The failure of machinery, springs, &c., of couplings	17	...	...	...	...	...	...
Broken rails	8	...	...	...	...	...	...
The flooding of portions of permanent-way	8	...	..	...	..	...	...
Slips in cuttings or embankments	1	...	...	...	...	...	...
Fire in trains	56	...	...	...	...	...	...
Fire at stations or involving injury to bridges or viaducts	5	...	...	...	...	...	...
Other accidents	36	...	...	4	8	4	8
Total	640	...	18	5	16	5	34

11. The number of "Collisions between passenger trains and goods or mineral trains, engines, and vehicles standing foul of the line" increased from 16 to 18, of which 9 alone occurred on the East Indian Railway.

12. There were 17 cases of collisions between goods trains or parts of goods trains, of which 6 occurred on the Sind, Punjab and Delhi Railway.

13. The number of cases in which goods trains or parts of goods trains, engines, &c., left the rails was the largest on the Sind, Punjab and Delhi Railway, being 18 out of a total of 72.

14. There were 191 cases of trains running over cattle against 208, 41 of which occurred on the Indus Valley Railway against 54; 33 on the Rajputana Railway against 12; 27 on the South Indian Railway against 46; 14 on the Madras Railway against 10; and 13 on the East Indian Railway against 16.

15. The number of accidents from trains running over obstructions on the line increased from 24 to 38, of which 9 occurred on the Rajputana Railway against *nil*; and 5 on the Sind, Punjab and Delhi Railway against 3.

16. There were 52 cases of bursting of boilers or tubes, &c., of engines against 30, of which 36 occurred on the Sind, Punjab and Delhi Railway.

17. The failure of machinery, springs, &c., of engines increased by 16; 28 occurred on the Indus Valley and Kandahar State Railways against 30; 9 on the Sind, Punjab and Delhi Railway against 6; 5 on the Tirhoot Railway against 1; and 5 on the Wardha Coal Railway against 2.

18. There were 4 cases of failure of tyres, of which 1 occurred on the East Indian Railway; 2 on the Sind, Punjab and Delhi Railway; and 1 on the Bombay, Baroda and Central India Railway.

19. Axles failed in 12 instances, of which 6 alone occurred on the Eastern Bengal Railway.

20. The number of cases of failure of couplings increased by 6; 8 occurred on the Rajputana Railway against 2, and 3 on the East Indian Railway against 1, with small increases and decreases on other lines.

21. There were 56 cases of fire in trains against 47, of which 13 occurred on the Great Indian Peninsula Railway against *nil*, 26 on the Indus Valley and Kandahar State Railways against 20.

22. The casualties to passengers from causes other than accidents to trains, &c., were—

	Killed.	Injured.
From falling between carriages and platforms	2	1
Falling on to the platform, ballast, &c., when getting into or out of trains	2	3
Falling out of carriages during the travelling of trains	6	13
Other accidents	1	3
	11	20

23. The accidents to servants in the employ of railways or of contractors whilst performing duties connected directly with the transit of passengers and goods from causes other than accidents to trains, &c., were—

	Killed.	Injured.
During shunting operations	2	12
Falling off engines, vans, wagons, &c.	3	13
Coming in contact with over-bridges, &c., during the travelling of trains	...	3
Coming in contact, whilst shunting, with vehicles, &c., standing in adjoining lines	1	...
Getting on or off trains, engines, &c.	2	6
Whilst loading, unloading, or sheeting	...	10
Whilst braking, spragging, or choking wheels	...	1
Whilst working at cranes or capstans	...	3
Whilst working on the permanent-way or in sidings	3	4
Whilst walking along the line on the way home or to work	3	2
Whilst walking, crossing, or standing on the line	10	7
Whilst passing between vehicles	1	1
Whilst attending to the machinery of engines, cleaning them, &c.	...	4
Whilst attending to gates at level-crossings	1	1
Falling or being caught between vehicles and platforms	...	1
Falling off ladders, scaffolds, platforms, &c.	...	5
Whilst coupling or uncoupling wagons	4	3
Miscellaneous	3	18
	33	94

24. Of other persons killed and injured by running trains, &c., one was killed whilst passing over the line at level-crossings, 31 killed and 10 injured whilst trespassing on the line, 5 committed suicide, and 2 killed and 1 injured from miscellaneous causes.

25. The following table shows the total number of persons killed and injured from causes connected with the working of trains as compared with those in the previous corresponding quarter:—

	4TH QUARTER, 1880.		4TH QUARTER, 1881.	
	Killed.	Injured.	Killed.	Injured.
Passengers.				
From causes beyond their own control	...	1	...	19
„ misconduct or want of caution	8	23	11	19
Servants.				
From causes beyond their own control	2	8	6	34
„ misconduct or want of caution	32	68	32	86
Others.				
Whilst passing at level crossings	2	...	1	...
Trespassers including suicides	25	8	36	10
Other persons	1	2	2	1
	70	110	88	169

26. In addition to the above, 10 persons are reported to have been killed and 71 injured in yards, workshops, &c., and 137 passengers to have met death in carriages and at stations from causes unconnected with the working of trains.

RESOLUTION.—The attention of the Governments and Officers concerned should be invited to the increase in the number of accidents from "Fire in trains" and from "Failure of axles" on the Great Indian Peninsula Railway; the comparatively large number of "Collisions between passenger trains and goods or mineral trains, engines, and vehicles standing foul of the line" on the East Indian Railway, as well as the failure of axles on the Eastern Bengal Railway; the large number of accidents from "Goods trains or parts of goods trains, &c., leaving the rails" on the Bombay, Baroda and Central India Railway; and the large increase in the number of accidents from "Trains running over cattle," "Trains running over obstructions on the line," and from "Failure of couplings" on the Rajputana Railway.

ORDER.—Ordered, that this Resolution be forwarded to the Governments, Administrations and Officers noted in the margin for information and guidance, together with copies of the Abstract Returns compiled by the Government of India.

Madras, Bombay, Bengal, North-Western Provinces and Oudh.
Central Provinces, British Burma and Hyderabad.
Director General of Railways.
Consulting Engineers to the Government of India for Guaranteed Railways.

Ordered also, that these papers be forwarded to the Government and Administrations marginally noted for information, and that copies be forwarded to the Secretary of State for the information of Her Majesty's Government.

Punjab, Assam, Rajputana, Central India, and Biluchistan.

Ordered further, that this Resolution, with the Abstract Returns, be published in the Supplement to the *Gazette of India*.

F. S. STANTON, *Colonel, R.E.*,
Deputy Secretary to the Govt. of India.

TABLE No. I.

GENERAL TOTAL.

NUMBER of PERSONS reported during the Fourth Quarter of 1881 as KILLED or INJURED on the several RAILWAYS open for Traffic in INDIA, distinguishing between PASSENGERS, RAILWAY SERVANTS, and OTHER PERSONS; and distinguishing also, in the case of the two former Classes, between ACCIDENTS happening from Causes beyond their own Control and ACCIDENTS happening otherwise.

	Mean mileage open.	RAILWAYS.		PASSENGERS.						RAILWAY SERVANTS OR SERVANTS OF CONTRACTORS.						OTHER PERSONS.								TOTAL ALL CLASSES.	
				From Causes beyond their own Control.		From their own Misconduct or want of Caution.		Total.		From Causes beyond their own Control.		From their own Misconduct or want of Caution.		Total.		Whilst passing over Railways at Level-Crossings.		Trespassers and Suicides.		Miscellaneous not included in preceding columns.		Total.			
				Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
GUARANTEED.	(a)1,584½	East Indian (Includes Branch State lines)	1880	...	...	4	10	4	10	...	3	5	18	5	21	...	...	12	3	1	1	13	4	22	35
	1594		1881	...	1	7	5	7	6	5	20	8	24	13	44	...	...	8	4	...	...	8	4	28	54
	171½	Eastern Bengal	1880	...	...	...	...	...	...	...	...	1	1	1	1	1	...	...	...	...	...	1	...	2	1
	172½		1881	...	...	...	...	...	...	...	...	...	1	...	1	...	...	6	...	...	...	6	...	6	1
	547	Oudh and Rohilkhand	1880	...	...	1	1	1	1	...	...	4	1	4	1	...	...	2	1	...	...	2	1	7	3
	547		1881	...	...	...	3	...	3	...	...	1	5	1	5	...	...	2	1	...	...	2	1	3	9
	(b) 676½	Sind, Punjab and Delhi	1880	...	...	1	7	1	7	...	3	7	8	7	11	...	...	2	...	...	1	2	1	10	19
	(c) 663½		1881	...	...	...	1	...	1	...	2	2	2	2	4	...	...	1	...	...	...	1	...	3	5
	858	Madras	1880	...	...	...	...	...	...	...	1	2	5	2	6	...	...	...	1	...	..	...	1	2	7
	858		1881	...	...	...	1	...	1	...	...	...	5	...	5	...	...	1	...	...	...	1	...	1	6
	648	South Indian	1880	...	...	...	1	...	1	...	...	...	5	...	5	...	...	...	1	...	...	...	1	..	7
	655		1881	...	5	...	...	...	5	...	...	1	2	1	2	...	...	2	1	...	...	2	1	3	8
	1,432	Great Indian Peninsula	1880	...	...	...	1	...	1	...	...	3	13	3	13	...	...	3	1	...	...	3	1	6	15
	1,444		1881	...	13	...	1	...	14	...	7	8	27	8	34	1	...	6	1	1	...	8	1	16	49
	444	Bombay, Baroda and Central India ...	1880	...	...	...	...	...	...	...	...	2	8	2	8	...	...	...	...	...	...	...	...	2	8
	444		1881	...	...	1	1	1	1	...	...	4	4	4	4	...	...	1	1	...	...	1	1	6	6
	28	Calcutta and South-Eastern	1880	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	28		1881	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	27½	Nalhâti	1880	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	27½		1881	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	230	Northern Bengal	1880	...	...	...	1	...	1	1	...	...	...	1	...	...	...	1	...	...	...	1	...	2	1
	233		1881	...	...	...	...	...	...	...	...	...	2	...	2	...	...	2	...	...	...	2	...	2	2
	82	Tirhut	1880	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	85		1881	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
STATE.	57	Pa[illegible]-Gya	1880	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	2	...	2	...
	57		1881	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	29	Muttra-Hâthras	1880	...	...	...	1	...	1	...	...	1	...	1	...	...	...	...	...	...	...	...	1	1	1
	29		1881	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	1
	...	Cawnpore-Farukhabad	1880	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	86		1881	...	...	...	1	...	1	...	...	...	...	...	...	...	...	1	...	...	...	1	...	1	1
	(d) 561½	Rajputana	1880	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	774½		1881	...	...	...	4	...	4	...	...	2	4	2	4	...	...	1	...	...	...	1	...	3	8
	253½	Holkar and Sindia-Neemuch	1880	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
	289		1881	...	...	...	...	...	...	...	...	1	3	1	3	...	...	...	1	...	..	...	1	1	4
	...	Bhavnagar-Gondal	1880	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	192½		1881	...	...	...	...	...	...	...	...	2	...	2	...	...	...	...	...	...	...	...	...	2	...
	45	Wardha Coal	1880	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	45		1881	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	35	Nágpur-Chhattísgarh	1880	...	...	...	...	...	...	...	...	...	2	...	2	...	...	...	...	...	...	...	...	...	2
	71		1881	...	...	...	...	...	...	...	1	...	1	...	2	...	...	...	...	...	...	...	...	...	2
	161	Rangoon and Irrawaddy Valley	1880	...	...	...	...	...	...	...	...	1	4	1	4	...	...	...	...	...	...	...	...	1	4
	161		1881	...	...	...	...	...	...	1	3	...	3	1	6	...	...	1	...	...	...	1	...	2	6
	228	Punjab Northern	1880	...	1	1	...	1	1	1	1	2	...	3	1	1	...	1	...	...	...	2	...	6	2
	362½		1881	...	...	...	2	...	2	...	1	1	...	1	1	...	...	2	...	...	...	2	...	3	3
	640	Indus Valley and Kandahar	1880	...	...	1	...	1	...	...	...	3	3	3	3	...	...	1	1	...	...	1	1	5	4
	641		1881	...	...	3	...	3	...	...	...	2	...	2	...	...	...	1	...	1	1	2	1	7	1
	57½	Gaekwar of Baroda's	1880	...	...	...	...	...	...	...	...	1	...	1	...	...	...	1	...	...	..	1	...	2	...
	59½		1881	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	1
	121	Nizam's	1880	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	120½		1881	...	...	...	...	...	...	...	...	...	1	...	1	...	...	1	...	...	...	1	...	1	1
	...	Mysore	1880	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	58		1881	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	..	...	...	...	1
	...	Kawnia-Dhurla	1880	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...
	21		1881	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	8,917½	Total ...	1880	...	1	8	23	8	24	2	8	32	68	34	76	2	...	25	8	1	2	28	10	70	110
	9,719		1881	...	19	11	19	11	38	6	34	32	86	38	120	1	...	36	10	2	1	39	11	88	169

(a) Includes the Sindia State Railway (Bombay Presidency) 14 miles of the East Indian Railway (Bombay Presidency) 12 miles of the East Indian Railway (North Western Provinces).

(b) Sind, Punjab and Delhi, worked by the Sind, Punjab and Delhi Railway Company.

(c) Delhi worked by the Sind, Punjab and Delhi Railway Company.

(d) [illegible]

TABLE No. 2.

NUMBER of PERSONS reported during the Fourth Quarter of 1881 as KILLED or INJURED on the several RAILWAYS open for Traffic in INDIA, distinguishing between PASSENGERS, RAILWAY SERVANTS, and OTHER PERSONS, and classifying, as far as practicable, the Nature and Causes of the Accidents occasioning the Death or Injury.

PASSENGERS.

RAILWAYS.	From accidents to trains, &c. See Table No. 4.		From causes other than Accidents to Trains, &c.: 1. From falling between carriages and platforms.		2. Falling on to the platform, ballast, &c., when getting into, or out of, trains.		3. Whilst crossing the line at stations.		4. By closing of carriage doors.		5. Falling out of carriages during the travelling of trains.		6. Other accidents.		TOTAL.		TOTAL PASSENGERS.	
	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
GUARANTEED.																		
East Indian (Includes Branch State lines).	...	...	1	...	2	2	...	...	...	...	3	2	1	2	7	6	7	6
Eastern Bengal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Oudh and Rohilkhand ...	...	...	...	...	...	...	...	...	...	...	...	3	...	...	...	3	...	3
Sind, Punjab and Delhi ...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	1
Madras ...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	1
South Indian ...	...	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5
Great Indian Peninsula ...	...	13	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	14
Bombay, Baroda and Central India.	...	...	...	1	...	...	...	...	...	...	1	...	...	...	1	1	1	1
STATE.																		
Calcutta and South-Eastern ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nalháti ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Northern Bengal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tirhoot ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Patna-Gya ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Muttra-Háthras ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cawnpore-Farukhabad ...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	1
Rajputana ...	...	...	...	...	...	1	...	...	...	...	...	3	...	...	...	4	...	4
Holkar and Sindia-Neemuch ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bhavnagar-Gondal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Wardha Coal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nágpur-Chhattísgarh ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rangoon and Irrawaddy Valley	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Punjab Northern ...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	2	...	2
Indus Valley and Kandahar ...	...	...	1	...	...	...	...	...	...	...	2	...	...	...	3	...	3	...
Gaekwar of Baroda's ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nizam's ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mysore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kawnia-Dhurla ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
TOTAL ... 1881	...	18	2	1	2	3	...	...	...	...	6	13	1	3	11	20	11	38
TOTAL ... 1880	...	1	1	1	2	4	2	...	...	1	2	15	1	2	8	23	8	24

SERVANTS.

RAILWAYS.	From accidents to trains, &c. See Table No. 4.		From causes other than Accidents to Trains, &c.: 1. During shunting operations.		2. Falling off engines, vans, wagons, &c.		3. Coming in contact with over-bridges, &c., during the travelling of trains.		4. Coming in contact, while shunting, with vehicles, &c., standing in adjoining lines.		5. Getting on or off trains, engines, &c.		6. Whilst loading, unloading or sheeting.	
	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
East Indian (Includes Branch State lines).	5	9	...	3	...	5	...	2	...	...	...	1	...	1
Eastern Bengal ...	...	...	...	1	...	...	...	...	...	...	...	...	...	...
Oudh and Rohilkhand ...	...	...	...	...	...	...	...	...	...	...	...	...	...	3
Sind, Punjab and Delhi ...	...	...	1	2	...	...	...	...	...	...	...	...	...	1
Madras ...	...	...	...	1	...	...	...	...	...	...	...	1	...	1
South Indian ...	...	...	...	...	...	1	...	...	...	...	...	...	...	...
Great Indian Peninsula ...	...	7	...	3	...	5	...	...	...	...	2	2	...	2
Bombay, Baroda and Central India.	...	...	...	1	1	...	...	...	...	...	...	...	...	1
Calcutta and South-Eastern ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nalháti ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Northern Bengal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tirhoot ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Patna-Gya ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Muttra-Háthras ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cawnpore-Farukhabad ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rajputana ...	...	...	...	...	1	...	...	...	...	...	...	2	...	...
Holkar and Sindia-Neemuch ...	...	...	1	1	...	1	...	...	...	...	...	...	...	...
Bhavnagar-Gondal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Wardha Coal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nágpur-Chhattísgarh ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rangoon and Irrawaddy Valley	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Punjab Northern ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Indus Valley and Kandahar ...	...	...	...	...	1	...	...	...	1	...	...	...	...	...
Gaekwar of Baroda's ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nizam's ...	...	...	...	...	...	...	...	1	...	...	...	...	...	...
Mysore ...	...	...	...	...	...	1	...	...	...	...	...	...	...	...
Kawnia-Dhurla ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
TOTAL ... 1881	5	16	2	12	3	13	...	3	1	...	2	6	...	10
TOTAL ... 1880	1	2	6	7	1	8	2	3	1	...	6	6	2	11

SERVANTS (continued) — From causes other than Accidents to Trains, &c.

RAILWAYS.	7. Whilst braking, spragging or chocking wheels.		8. Whilst working at cranes or capstans.		9. Whilst working on the permanent-way or in sidings.		10. Whilst walking along the line on the way home or to work.		11. Whilst walking, crossing, or standing on the line.		12. Whilst passing between vehicles.		13. Whilst attending to the machinery of engines, cleaning them, &c.	
	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
East Indian (Includes Branch State lines).	...	...	...	...	2	...	2	2	2	2	...	...	...	...
Eastern Bengal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Oudh and Rohilkhand ...	...	...	...	...	...	1	...	...	1	...	...	...	...	...
Sind, Punjab and Delhi ...	...	...	...	...	...	...	...	...	1	...	...	...	...	1
Madras ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South Indian ...	...	...	...	...	...	...	...	...	1	...	...	...	...	...
Great Indian Peninsula ...	...	1	...	1	...	1	...	...	2	2	...	1	...	...
Bombay, Baroda and Central India.	...	...	...	...	...	...	...	...	2	2	1	...	...	...
Calcutta and South-Eastern ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nalháti ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Northern Bengal ...	...	...	...	...	...	1	...	...	...	...	...	...	...	...
Tirhoot ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Patna-Gya ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Muttra-Háthras ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cawnpore-Farukhabad ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rajputana ...	...	...	...	...	...	...	...	...	1	1	...	...	...	...
Holkar and Sindia-Neemuch ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bhavnagar-Gondal ...	...	...	...	...	1	...	...	...	...	...	...	...	...	...
Wardha Coal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nágpur-Chhattísgarh ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rangoon and Irrawaddy Valley	...	...	...	2	...	1	1	...	...	...	...	...	...	3
Punjab Northern ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Indus Valley and Kandahar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gaekwar of Baroda's ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nizam's ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mysore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kawnia-Dhurla ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
TOTAL ... 1881	...	1	...	3	3	4	3	2	10	7	1	1	...	4
TOTAL ... 1880	...	...	...	[illegible]	...	3	1	...	8	4	...	1	...	10

SERVANTS (continued)

RAILWAYS.	14. Whilst attending to gates at level-crossings.		15. Falling or being caught between vehicles and platforms.		16. Falling off ladders, scaffolds, platforms, &c.		17. By falling of lamps, wagon-doors, timber weights, &c.		18. Whilst coupling or uncoupling wagons.		19. Miscellaneous.		TOTAL.		TOTAL SERVANTS.	
	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
East Indian (Includes Branch State lines).	1	...	...	...	...	2	...	...	...	2	1	15	8	35	13	44
Eastern Bengal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1
Oudh and Rohilkhand ...	...	...	...	...	...	...	...	...	...	...	...	1	1	5	1	5
Sind, Punjab and Delhi ...	...	...	...	...	...	...	...	...	...	...	...	...	2	4	2	4
Madras ...	...	...	...	...	...	...	...	...	...	2	...	...	...	5	...	5
South Indian ...	...	1	...	...	...	...	...	...	...	...	...	...	1	2	1	2
Great Indian Peninsula ...	...	...	...	...	...	1	...	...	3	7	1	1	8	27	8	34
Bombay, Baroda and Central India.	...	...	...	...	...	...	...	...	...	...	...	...	4	4	4	4
Calcutta and South-Eastern ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nalháti ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Northern Bengal ...	...	...	...	...	...	1	...	...	...	...	...	...	...	2	...	2
Tirhoot ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Patna-Gya ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Muttra-Háthras ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cawnpore-Farukhabad ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rajputana ...	...	...	...	1	...	...	...	...	...	...	...	...	2	4	2	4
Holkar and Sindia-Neemuch ...	...	...	...	...	...	...	...	...	...	1	...	...	1	3	1	3
Bhavnagar-Gondal ...	...	...	...	...	...	...	...	...	1	...	...	...	2	...	2	...
Wardha Coal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nágpur-Chhattísgarh ...	...	...	...	...	...	...	...	...	...	1	...	...	...	2	...	2
Rangoon and Irrawaddy Valley	...	...	...	...	...	...	...	...	...	...	...	...	1	6	1	6
Punjab Northern ...	...	...	...	...	...	...	...	...	...	...	1	1	1	1	1	1
Indus Valley and Kandahar ...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	2	...
Gaekwar of Baroda's ...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	...	1
Nizam's ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1
Mysore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1
Kawnia-Dhurla ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
TOTAL ... 1881	1	1	...	1	...	5	...	...	4	13	3	18	33	104	38	120
TOTAL ... 1880	1	...	...	2	1	3	...	2	1	6	3	6	33	74	34	76

OTHERS.

RAILWAYS.	Whilst passing over the line at level-crossings.		Trespassers.		Suicides.		Miscellaneous.		TOTAL OTHERS.		TOTAL ALL CLASSES.	
	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
East Indian (Includes Branch State lines).	...	...	5	4	3	...	...	...	8	4	28	54
Eastern Bengal ...	...	...	6	...	...	...	...	...	6	...	6	1
Oudh and Rohilkhand ...	...	...	...	1	2	...	...	...	2	1	3	9
Sind, Punjab and Delhi ...	...	...	1	...	...	...	...	...	1	...	3	5
Madras ...	...	...	1	...	...	...	...	...	1	...	1	6
South Indian ...	...	...	2	1	...	...	...	...	2	1	3	8
Great Indian Peninsula ...	1	...	6	1	...	...	1	...	8	1	16	49
Bombay, Baroda and Central India.	...	...	1	1	...	...	...	...	1	1	6	[illegible]
Calcutta and South-Eastern ...	...	...	...	...	...	...	...	...	...	...	...	...
Nalháti ...	...	...	...	...	...	...	...	...	...	...	...	...
Northern Bengal ...	...	...	2	...	...	...	...	...	2	...	2	[illegible]
Tirhoot ...	...	...	...	...	...	...	...	...	...	...	...	...
Patna-Gya ...	...	...	...	...	...	...	...	...	...	...	...	...
Muttra-Háthras ...	...	...	...	1	...	...	...	...	...	1	...	1
Cawnpore-Farukhabad ...	...	...	1	...	...	...	...	...	1	...	1	1
Rajputana ...	...	...	1	...	...	...	...	...	1	...	3	[illegible]
Holkar and Sindia-Neemuch ...	...	...	...	1	...	...	...	...	...	1	1	[illegible]
Bhavnagar-Gondal ...	...	...	...	...	...	...	...	...	...	...	2	...
Wardha Coal ...	...	...	...	...	...	...	...	...	...	...	...	...
Nágpur-Chhattísgarh ...	...	...	...	...	...	...	...	...	...	...	...	2
Rangoon and Irrawaddy Valley	...	...	1	...	...	...	...	...	1	...	2	6
Punjab Northern ...	...	...	2	...	...	...	...	...	2	...	3	3
Indus Valley and Kandahar ...	...	...	1	...	...	...	1	1	2	1	7	1
Gaekwar of Baroda's ...	...	...	...	...	...	...	...	...	...	...	...	1
Nizam's ...	...	...	1	...	...	...	...	...	1	...	1	1
Mysore ...	...	...	...	...	...	...	...	...	...	...	...	1
Kawnia-Dhurla ...	...	...	...	...	...	...	...	...	...	...	...	...
TOTAL ... 1881	1	...	31	10	5	...	2	1	39	11	88	169
TOTAL ... 1880	2	...	21	8	4	...	1	2	28	10	70	110

TABLE No. 3.

ACCIDENTS to TRAINS, ROLLING-STOCK, PERMANENT-WAY, &c., reported during the Fourth Quarter of 1881 as having occurred on the several RAILWAYS open for Traffic in INDIA, distinguishing the different Classes of Accidents, and the Number of Passengers and Others, and of Railway Servants, KILLED or INJURED in each Class of Accidents.

SEE ALSO TABLE No. 4.

	EAST INDIAN (INCLUDES BRANCH STATE LINES.)							EASTERN BENGAL.							OUDH AND ROHILKHAND.							SIND, PUNJAB AND DELHI.						
	No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.	
		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
1. Collisions between passenger trains, or parts of passenger trains	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2. Collisions between passenger trains and goods or mineral trains, engines and vehicles standing foul of the line	9	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...
3. Collisions between goods trains, or parts of goods trains	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6	...	...	...	...	...	...
4. Collisions between light engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5. Passenger trains, or parts of passenger trains, leaving the rails	2	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...
6. Goods trains, or parts of goods trains, engines, &c., leaving the rails	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	18	...	...	...	...	...	...
7. Trains or engines travelling in the wrong direction through points	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...
8. Trains running into stations or sidings at too high a speed	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9. Ditto over cattle on the line	13	...	...	...	...	...	...	4	...	...	...	...	...	...	8	...	...	...	...	...	...	7	...	...	...	...	...	...
10. Ditto over obstructions on the line	4	...	...	...	...	...	...	1	...	...	...	...	...	...	3	...	...	...	...	...	...	5	...	...	...	...	...	...
11. Ditto through gates at level-crossings	...	...	...	...	...	...	...	1	...	...	...	...	...	...	2	...	...	...	...	...	...	2	...	...	...	...	...	...
12. The bursting of boilers or tubes, &c., of engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	36	...	...	...	...	...	...
13. The failure of machinery, springs, &c., of engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	9	...	...	...	...	...	...
14. Ditto of tyres	1	...	...	1	5	1	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...
15. Ditto of wheels	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16. Ditto of axles	...	...	...	...	...	...	...	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17. Ditto of brake apparatus	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18. Ditto of couplings	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...
19. Ditto of tunnels, bridges, viaducts, culverts, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20. Broken rails	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...
21. The flooding of portions of permanent-way	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22. Slips in cuttings or embankments	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23. Fire in trains	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	...	...	...	...	...
24. Fire at stations, or involving injury to bridges or viaducts	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
25. Other accidents	2	...	...	4	4	4	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7	...	...	...	...	...	...
TOTAL ALL CLASSES	45	...	...	5	9	5	9	13	...	...	...	...	...	...	16	...	...	...	...	...	...	99	...	...	...	...	...	...
Number of Passenger miles	167,036,115							25,099,406							35,812,045							55,410,681						
Do. of Servants employed	207,69							5,437							5,062							14,898						
Train mileage of all descriptions	2,157,325							209,026							385,909							705,940						

TABLE No. 3.—ACCIDENTS to TRAINS, ROLLING-STOCK, PERMANENT-WAY, &c., reported during the Fourth Quarter of 1881, &c.—*continued.*

SEE ALSO TABLE No. 4.

	MADRAS.							SOUTH INDIAN.							GREAT INDIAN PENINSULA.							BOMBAY, BARODA AND CENTRAL INDIA.						
	No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.	
		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
1. Collisions between passenger trains, or parts of passenger trains	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2. Collisions between passenger trains and goods or mineral trains, engines and vehicles standing foul of the line	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	..	13	...	3	...	16	3	...	...	...	...	...	...
3. Collisions between goods trains, or parts of goods trains	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...
4. Collisions between light engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5. Passenger trains, or parts of passenger trains, leaving the rails	1	...	...	...	...	...	...	1	...	...	...	...	...	...	2	...	...	...	...	...	...	2	...	...	...	...	...	...
6. Goods trains, or parts of goods trains, engines, &c., leaving the rails	4	...	...	...	...	...	...	1	...	..	...	...	...	...	5	...	...	...	...	...	...	8	...	...	...	...	...	...
7. Trains or engines travelling in the wrong direction through points	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8. Trains running into stations or sidings at too high a speed	...	...	...	...	...	...	...	1	...	5	...	...	...	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9. Ditto over cattle on the line	14	...	...	...	...	...	...	27	..	...	...	...	...	...	9	...	.	...	...	...	...	2	...	...	...	...	...	...
10. Ditto over obstructions on the line	3	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	2	...	...	...	...	...	...
11. Ditto through gates at level-crossings	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...
12. The bursting of boilers or tubes, &c., of engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13. The failure of machinery, springs, &c., of engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...
14. Ditto of tyres	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...
15. Ditto of wheels	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16. Ditto of axles	...	...	...	...	...	...	...	1	...	...	...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...
17. Ditto of brake apparatus	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18. Ditto of couplings	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19. Ditto of tunnels, bridges, viaducts, culverts, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20. Broken rails	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21. The flooding of portions of permanent-way	...	...	...	...	...	...	...	5	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...
22. Slips in cuttings or embankments	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	..	...	...	...	...	...	...	...	...	...	...	...
23. Fire in trains	2	...	...	...	...	...	...	1	...	...	...	...	...	...	13	...	...	...	...	...	...	...	...	...	...	...	...	...
24. Fire at stations, or involving injury to bridges or viaducts	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...
25. Other accidents	1	...	...	...	...	...	...	1	...	...	...	...	...	...	5	...	...	...	4	...	4	...	...	...	...	...	...	...
TOTAL ALL CLASSES	25	...	...	...	...	...	...	39	...	5	...	...	...	5	48	...	13	...	7	...	20	21	...	...	...	...	...	...
Number of Passenger miles	47,195,676							32,932,726							80,104,119							57,413,764						
Do. of Servants employed	5,762							7,298							21,575							5,785						
Train mileage of all descriptions	[illegible]							94,947							2,160,891							403,594						

TABLE No. 3.—ACCIDENTS to TRAINS, ROLLING-STOCK, PERMANENT-WAY, &c., reported during the Fourth Quarter of 1881, &c.—*continued.*

SEE ALSO TABLE No. 4.

	CALCUTTA AND SOUTH-EASTERN.								NALHATI.							
	No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.			
		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		
1. Collisions between passenger trains, or parts of passenger trains	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
2. Collisions between passenger trains and goods or mineral trains, engines and vehicles standing foul of the line	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
3. Collisions between goods trains, or parts of goods trains	...	...	...	...	...	...	...	...	...	...	..	...	...	...		
4. Collisions between light engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
5. Passenger trains, or parts of passenger trains, leaving the rails	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
6. Goods trains, or parts of goods trains, engines, &c., leaving the rails	1	...	...	...		...	...	1	...	...	...	...	...	...		
7. Trains or engines travelling in the wrong direction through points	...	...	...	...	..	...	...	...	...	...	...	...	...	...		
8. Trains running into stations or sidings at too high a speed	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
9. Trains running over cattle on the line	...	...	...	...	...	...	...	1	...	...	...	...	...	...		
10. Ditto over obstructions on the line	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
11. Ditto through gates at level-crossings	...	...	...	...	...	...	...	1	...	...	...	...	...	...		
12. The bursting of boilers or tubes, &c., of engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
13. The failure of machinery, springs, &c., of engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
14. Ditto of tyres	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
15. Ditto of wheels	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
16. Ditto of axles	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
17. Ditto of brake apparatus	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
18. Ditto of couplings	...	...	...	...	...	...	...	1	...	...	...	...	...	...		
19. Ditto of tunnels, bridges, viaducts, culverts, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
20. Broken rails	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
21. The flooding of portions of permanent-way	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
22. Slips in cuttings or embankments	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
23. Fire in trains	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
24. Fire at stations, or involving injury to bridges or viaducts	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
25. Other accidents	1	...	...	...	...	...	...	...	...	...	...	...	...	...		
TOTAL ALL CLASSES	2	...	...	...	...	...	...	4	...	...	...	...	...	...		
Number of Passenger miles			1,483,961						62,440							
Do. of Servants employed			180						180							
Train mileage of all descriptions			9,744						10,191							

	NORTHERN BENGAL.							TIRHOOT.							PATNA-GYA.						
	No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.	
		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
1. Collisions between passenger trains, or parts of passenger trains	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2. Collisions between passenger trains and goods or mineral trains, engines and vehicles standing foul of the line	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3. Collisions between goods trains, or parts of goods trains	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4. Collisions between light engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5. Passenger trains, or parts of passenger trains, leaving the rails	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...
6. Goods trains, or parts of goods trains, engines, &c., leaving the rails	2	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...
7. Trains or engines travelling in the wrong direction through points	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8. Trains running into stations or sidings at too high a speed	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9. Trains running over cattle on the line	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10. Ditto over obstructions on the line	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11. Ditto through gates at level-crossings	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12. The bursting of boilers or tubes, &c., of engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13. The failure of machinery, springs, &c., of engines	3	...	...	...	...	...	...	...	...	...	...	...	...	...	5	...	...	...	...	...	...
14. Ditto of tyres	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15. Ditto of wheels	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16. Ditto of axles	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17. Ditto of brake apparatus	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18. Ditto of couplings	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19. Ditto of tunnels, bridges, viaducts, culverts, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20. Broken rails	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21. The flooding of portions of permanent-way	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22. Slips in cuttings or embankments	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23. Fire in trains	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...
24. Fire at stations, or involving injury to bridges or viaducts	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
25. Other accidents	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
TOTAL ALL CLASSES	19	...	...	...	...	...	...	8	...	...	...	...	...	...	9	...	...	...	...	...	...
Number of Passenger miles			6,746,509						3,827,408								5,647,262				
Do. of Servants employed			1,627						811								488				
Train mileage of all descriptions			162,683						46,582								28,852				

TABLE No. 3.—ACCIDENTS to TRAINS, ROLLING-STOCK, PERMANENT-WAY, &c., reported during the Fourth Quarter of 1881, &c.—*continued.*

SEE ALSO TABLE No. 4.

	MUTTRA-HATHRAS.								CAWNPORE-FARUKHABAD.							
	No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.			
		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		
1. Collisions between passenger trains, or parts of passenger trains	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
2. Collisions between passenger trains and goods or mineral trains, engines and vehicles standing foul of the line	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
3. Collisions between goods trains, or parts of goods trains	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
4. Collisions between light engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
5. Passenger trains, or parts of passenger trains, leaving the rails	...	...	...	...	...	...	...	1	...	...	...	...	...	...		
6. Goods trains, or parts of goods trains, engines, &c., leaving the rails	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
7. Trains or engines travelling in the wrong direction through points	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
8. Trains running into stations or sidings at too high a speed	...	...	...	..	...	...	...	...	...	...	...	...	...	...		
9. Trains running over cattle on the line	1	...	...	...	...	...	...	1	...	...	...	...	...	...		
10. Ditto over obstructions on the line	...	...	...	...	...	...	...	1	...	...	...	...	...	...		
11. Ditto through gates at level-crossings	...	...	...	...	...	...	...	1	...	...	...	...	...	...		
12. The bursting of boilers or tubes, &c., of engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
13. The failure of machinery, springs, &c., of engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
14. Ditto of tyres	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
15. Ditto of wheels	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
16. Ditto of axles	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
17. Ditto of brake apparatus	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
18. Ditto of couplings	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
19. Ditto of tunnels, bridges, viaducts, culverts, &c.	5	...	...	...	...	...	...	...	...	...	...	...	...	...		
20. Broken rails	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
21. The flooding of portions of permanent-way	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
22. Slips in cuttings or embankments	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
23. Fire in trains	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
24. Fire at stations, or involving injury to bridges or viaducts	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
25. Other accidents	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
TOTAL ALL CLASSES	6	...	...	...	...	...	...	5	...	...	...	...	...	...		
Number of Passenger miles			1,379,615						[illegible]							
Do. of Servants employed			107						[illegible]							
Train mileage of all descriptions			11,020						[illegible]							

	RAJPUTANA.							HOLKAR AND SINDIA-NEEMUCH.							BHAVNAGAR-GONDAL.						
	No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.	
		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
1. Collisions between passenger trains, or parts of passenger trains	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2. Collisions between passenger trains and goods or mineral trains, engines and vehicles standing foul of the line	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3. Collisions between goods trains, or parts of goods trains	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4. Collisions between light engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5. Passenger trains, or parts of passenger trains, leaving the rails	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6. Goods trains, or parts of goods trains, engines, &c., leaving the rails	5	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...
7. Trains or engines travelling in the wrong direction through points	2	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8. Trains running into stations or sidings at too high a speed	33	...	...	...	...	...	...	6	...	...	...	...	...	...	3	...	...	...	...	...	...
9. Trains running over cattle on the line	9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10. Ditto over obstructions on the line	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...
11. Ditto through gates at level-crossings	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12. The bursting of boilers or tubes, &c., of engines	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13. The failure of machinery, springs, &c., of engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14. Ditto of tyres	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15. Ditto of wheels	2	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16. Ditto of axles	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17. Ditto of brake apparatus	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18. Ditto of couplings	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19. Ditto of tunnels, bridges, viaducts, culverts, &c.	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...
20. Broken rails	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21. The flooding of portions of permanent-way	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22. Slips in cuttings or embankments	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23. Fire in trains	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24. Fire at stations, or involving injury to bridges or viaducts	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
25. Other accidents	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
TOTAL ALL CLASSES	70	...	...	...	...	...	...	9	...	...	...	...	...	...	3	...	...	...	...	...	...
Number of Passenger miles			50,878,043						16,357,909								10,437,410				
Do. of Servants employed			7,404						2,292								521				
Train mileage of all descriptions			879,[illegible]						181,704								84,200				

TABLE No. 3.—ACCIDENTS to TRAINS, ROLLING-STOCK, PERMANENT-WAY, &c., reported during the Fourth Quarter of 1881, &c. —*continued.*

SEE ALSO TABLE No. 4.

	Wardha Coal.							Nagpur-Chhattisgarh.							Rangoon and Irrawaddy Valley.							Punjab Northern.							Indus Valley and Kandahar.						
	No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.	
		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
1. Collisions between passenger trains, or parts of passenger trains	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2. Collisions between passenger trains and goods or mineral trains, engines and vehicles standing foul of the line	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...
3. Collisions between goods trains, or parts of goods trains	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	...
4. Collisions between light engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5. Passenger trains, or parts of passenger trains, leaving the rails	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6. Goods trains, or parts of goods trains, engines, &c., leaving the rails	...	...	...	...	...	...	...	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7	...	...	...	...	...	...	6	...	...	...	...
7. Trains or engines travelling in the wrong direction through points	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	6	...	...	...	...
8. Trains running into stations or sidings at too high a speed	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9. Trains running over cattle on the line	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	9	...	...	...	...	...	...	41	...	...	...	...
10. Ditto over obstructions on the line	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	4	...	...	...	...
11. Ditto through gates at level-crossings	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...
12. The bursting of boilers or tubes, &c., of engines	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7	...	...	...	...
13. The failure of machinery, springs, &c., of engines	5	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	...	...	...	...	...	28	...	...	...	...
14. Ditto of tyres	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15. Ditto of wheels	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16. Ditto of axles	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17. Ditto of brake apparatus	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18. Ditto of couplings	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...
19. Ditto of tunnels, bridges, viaducts, culverts, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20. Broken rails	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...
21. The flooding of portions of permanent-way	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22. Slips in cuttings or embankments	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23. Fire in trains	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6	...	...	...	...	...	...	26	...	...	...	...
24. Fire at stations, or involving injury to bridges or viaducts	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
25. Other accidents	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6	...	...	...	...	...	...	7	...	...	...	...
TOTAL ALL CLASSES	11	...	...	...	...	...	...	9	...	...	...	...	...	...	1	...	...	...	...	...	...	...	38	...	...	...	...	...	...	129	...	...	...	...
Number of Passenger miles			719,018						2,140,740							12,753,197							21,161,114							21,533,962				
Do. of Servants employed			389						1,020							1,190							7,585							5,044				
Train mileage of all descriptions			19,228						24,352							94,524							244,070							459,725				

TABLE No. 3.—ACCIDENTS to TRAINS, ROLLING-STOCK, PERMANENT-WAY, &c., reported during the Fourth Quarter of 1881, &c. —*concluded.*

SEE ALSO TABLE No. 4.

	Gaekwar of Baroda's.							Nizam's.							Mysore.							Kawnia-Dehrla.							Total all Railways.						
	No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.	
		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
1. Collisions between passenger trains, or parts of passenger trains	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2. Collisions between passenger trains and goods or mineral trains, engines and vehicles standing foul of the line	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	18	...	13	...	3	...	16
3. Collisions between goods trains, or parts of goods trains	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	17	...	...	...	...	...	...
4. Collisions between light engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5. Passenger trains, or parts of passenger trains, leaving the rails	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	13	...	...	...	...	...	...
6. Goods trains, or parts of goods trains, engines, &c., leaving the rails	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	72	...	...	...	...	...	...
7. Trains or engines travelling in the wrong direction through points	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	13	...	...	...	...	...	...
8. Trains running into stations or sidings at too high a speed	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	5	...	...	...	5
9. Trains running over cattle on the line	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	...	...	...	...	...	1	...	...	...	...	...	...	191	...	...	...	...	...	...
10. Ditto over obstructions on the line	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	38	...	...	...	...	...	...
11. Ditto through gates at level-crossings	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	14	...	...	...	...	...	...
12. The bursting of boilers or tubes, &c., of engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	52	...	...	...	...	...	...
13. The failure of machinery, springs, &c., of engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	62	...	...	...	...	...	...
14. Ditto of tyres	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	...	...	1	5	1	5
15. Ditto of wheels	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...
16. Ditto of axles	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	12	...	...	...	...	...	...
17. Ditto of brake apparatus	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18. Ditto of couplings	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	17	...	...	...	...	...	...
19. Ditto of tunnels, bridges, viaducts, culverts, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20. Broken rails	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8	...	...	...	...	...	...
21. The flooding of portions of permanent-way	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8	...	...	...	...	...	...
22. Slips in cuttings or embankments	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...
23. Fire in trains	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	56	...	...	...	...	...	...
24. Fire at stations, or involving injury to bridges or viaducts	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	...	...	...	...	...	...
25. Other accidents	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	36	...	...	4	8	4	8
TOTAL ALL CLASSES	...	...	...	...	...	...	...	2	...	...	...	...	...	...	6	...	...	...	...	...	...	3	...	...	...	...	...	...	640	...	18	5	16	5	34
Number of Passenger miles			1,549,901						6,271,070							1,913,015							149,426							669,524,280						
Do. of Servants employed			179						756							528							115							117,381						
Train mileage of all descriptions			12,445						66,252							23,026							3,794							9,221,461						

TABLE

ACCIDENTS to TRAINS, ROLLING-STOCK, PERMANENT-WAY, &c., on the several RAILWAYS open for Traffic in INDIA during the Number of RAILWAY

No. 4.

Fourth Quarter of 1881, distinguishing the different Classes of ACCIDENTS, the Number of PASSENGERS and OTHERS, and the SERVANTS Killed or Injured thereby.

RAILWAYS.	1. Collisions between passenger trains, or parts of passenger trains.	2. Collisions between passenger trains, and goods or mineral trains, engines and vehicles standing foul of the line.	3. Collisions between goods trains, or parts of goods trains.	4. Collisions between light engines.	5. Passenger trains, or parts of passenger trains, leaving the rails.	6. Goods trains, or parts of goods trains, engines, &c., leaving the rails.	7. Trains or engines travelling in the wrong direction through points.	8. Trains running into stations or sidings at too high a speed.	9. Trains running over cattle on the line.	10. Trains running over obstructions on the line.	11. Trains running through gates at level-crossings.	12. The bursting of boilers or tubes, &c., of engines.	13. The failure of machinery, springs, &c., of engines.	14. The failure of tyres.	15. The failure of wheels.	16. The failure of axles.	17. The failure of brake apparatus.	18. The failure of couplings.	19. The failure of tunnels, bridges, viaducts, culverts, &c.	20. Broken rails.	21. The flooding of portions of permanent-way.	22. Slips in cuttings or embankments.	23. Fire in trains.	24. Fire at stations, or involving injury to bridges or viaducts.	25. Other accidents.	Total all Classes.	NUMBER OF PASSENGERS AND OTHERS.		NUMBER OF SERVANTS.		TOTAL ALL CLASSES.		Mean miles of Railway open.	Number of Passengers carried.	Train mileage of all descriptions.	Passenger mileage.	PER MILE OPEN.			TOTAL PASSENGERS.			
																												Killed.	Injured.	Killed.	Injured.	Killed.	Injured.					Number of passengers carried.	Train mileage of all descriptions.	Passenger mileage.	PER MILLION OF PASSENGERS.		PER MILLION OF PASSENGER MILES.	
																																								Killed.	Injured.	Killed.	Injured.
East Indian (Includes Branch State lines)...	...	9	...	...	2	4	2	...	13	4	...	...	...	1	...	...	...	3	...	...		1	...	3	2	45	...	...	5	9	5	9	1,594	2,132,730	2,157,325	167,036,115	1,338	1,353	104,790	...	..	...	...
Eastern Bengal	...	1	...	...	...	...	...	...	4	1	1	...	...	...	...	6	...	...	...	...		...	...	...	...	...	13	...	...	...	...	...	...	172¾	609,206	209,026	25,099,406	3,527	1,210	145,293	...	...	...	...
Oudh and Rohilkhand	...	1	...	...	1	...	...	...	8	3	2	...	...	...	...	...	...	...	...	1		...	...	...	...	...	16	...	...	...	...	...	...	547	633,735	385,909	35,812,045	1,159	706	65,470	...	...	...	...
Sind, Punjab and Delhi	...	1	6	...	1	18	1	...	7	5	2	36	9	2	...	...	...	1	...	...		...	...	3	...	7	99	...	...	...	...	...	...	663½	923,095	705,940	55,410,681	1,391	1,064	83,513	...	...	...	...
Madras	...	...	...	...	1	4	...	...	14	3	...	...	...	...	...	...	...	...	...	...		...	...	2	...	1	25	...	...	...	...	...	...	858	1,017,366	487,134	47,195,676	1,186	568	55,007	...	...	...	...
South Indian	...	...	...	...	1	1	...	1	27	...	1	...	...	...	...	1	...	...	...	...		5	..	1	...	1	39	...	5	..	...	...	5	655	888,928	304,947	32,932,726	1,357	466	50,279	...	5·625	...	0·152
Great Indian Peninsula	...	2	3	...	2	5	...	...	9	2	1	...	...	...	...	3	...	...	...	...		1	1	13	1	5	48	...	13	...	7	...	20	1,444	1,402,550	2,160,391	80,104,119	971	1,496	55,474	...	9·268	...	0·162
Bombay, Baroda and Central India	...	3	...	...	2	8	...	...	2	2	1	...	1	1	...	...	...	...	...	...		...	...	...	1	...	21	...	...	...	...	...	...	444	1,956,541	403,594	57,413,761	4,407	909	129,310	...	...	...	...
Calcutta and South-Eastern	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	1	2	...	...	...	...	...	...	28	164,269	9,744	1,488,961	5,867	348	52,998	...	...	...	...
Nalhâti	...	...	...	...	...	1	...	...	1	...	1	...	...	...	...	...	...	1	...	...		...	...	...	...	...	4	...	...	...	...	...	...	27¼	29,659	10,191	62,440	1,088	374	2,291	...	...	...	...
Northern Bengal	...	...	1	...	...	2	1	...	6	2	1	...	3	...	...	...	...	1	...	...		...	...	...	...	2	19	...	...	...	...	...	...	233	190,016	162,683	6,746,509	816	698	28,955	...	...	...	...
Tirhoot	...	...	...	...	...	1	1	...	...	...	...	...	5	...	...	...	...	...	...	...		...	...	1	...	...	8	...	...	...	...	...	...	85	110,175	46,582	3,827,408	1,296	548	45,028	...	...	...	...
Patna-Gya	...	...	...	...	...	...	1	...	1	...	...	4	2	...	...	...	...	...	...	...		...	...	...	...	1	9	...	...	...	...	...	...	57	145,351	28,852	5,647,262	2,550	506	99,075	...	...	...	...
Muttra-Háthras	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	5		...	...	...	...	...	6	...	...	...	...	...	...	29	83,170	11,020	1,379,615	2,868	380	47,573	...	...	...	...
Cawnpore-Farukhabad ...	...	...	...	...	1	...	...	...	1	1	1	...	...	...	...	...	...	...	...	...		...	...	...	...	1	5	...	...	...	...	...	...	86	130,700	34,768	3,507,748	1,520	395	40,788	...	...	...	...
Rajputana	...	...	3	...	1	5	2	...	33	9	...	2	3	...	2	2	...	8	...	...		...	...	...	...	...	70	...	...	...	...	...	...	774½	863,298	870,031	50,878,043	1,114	1,123	65,691	...	...	...	...
Holkar and Sindia-Neemuch ...	...	...	...	...	...	1	...	...	6	...	1	...	...	...	...	...	...	...	...	1		...	...	...	...	...	9	...	...	...	...	...	...	289	354,696	181,704	16,357,909	1,227	613	56,602	...	...	...	...
Bhavnagar-Gondal ...	...	...	...	...	...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	3	...	...	...	...	...	...	192½	212,765	84,200	10,437,410	1,105	437	54,220	...	...	...	...
Wardha Coal	...	...	...	...	...	...	...	...	...	...	1	3	5	...	...	...	...	...	...	...		...	...	1	...	1	11	...	...	...	...	...	...	45	30,081	19,228	719,018	668	427	15,978	...	...	...	...
Nágpur-Chhattísgarh ...	...	...	...	...	...	6	...	...	1	...	...	...	1	...	...	...	...	...	...	...		...	...	...	...	1	9	...	...	...	...	...	...	71	129,755	24,352	2,140,740	1,813	343	30,151	...	...	...	...
Rangoon and Irrawaddy Valley ...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	1	...	...	...	...	...	...	161	354,667	94,524	12,753,197	2,203	587	79,212	...	...	...	...
Punjab Northern	...	...	4	...	...	7	1	...	9	1	1	...	3	...	...	...	...	...	...	...		...	...	6	...	6	38	...	...	...	...	...	...	362¾	418,895	244,070	21,161,114	1,155	673	58,335	...	...	...	...
Indus Valley and Kandahar	...	1	...	...	...	6	6	...	41	4	...	7	28	...	...	...	...	2	...	1		...	...	26	...	7	129	...	...	...	...	...	...	641	354,157	479,725	21,533,962	553	748	33,594	...	...	...	...
Gaekwar of Baroda's ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...	59¼	75,694	12,445	1,549,901	1,277	210	26,159	...	...	...	...
Nizam's	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...		...	...	...	...	...	2	...	...	...	...	...	...	120¼	104,029	66,256	6,271,070	863	549	52,042	...	...	...	...
Mysore	...	...	...	...	...	1	...	...	3	...	...	...	...	...	...	...	...	...	...	...		...	...	1	...	...	6	...	...	...	...	...	...	58	53,034	23,026	1,913,015	914	397	32,983	...	...	...	...
Kawnia-Dhuria	...	...	...	...	...	...	...	...	1	...	...	...	2	...	...	...	...	...	...	...		1	...	1	...	...	3	...	...	...	...	...	...	21	9,184	3,794	149,426	437	181	7,116	...	...	...	...
TOTAL 1881	...	18	17	...	13	72	13	1	191	38	14	52	62	4	2	19	...	17	...	8		...	...	...	...	...	640	...	18	5	16	5	34	9,719	13,377,746	9,221,461	669,524,280	1,376	949	68,888	...	1·346	...	0·027
TOTAL 1880	...	16	35	5	20	80	18	2	208	24	17	30	46	5	4	10	...	11	...	14		8	1	36	6	15	654	...	1	1	2	1	3	8,917½	12,453,441	7,820,884	685,738,543	1,399	878	77,023	...	0·080	...	0·002
																						2	20	47	8	35																	

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

No. XV of 1882.

APPROXIMATE STATEMENT OF GROSS RECEIPTS AND EXPENSES OF INDIAN RAILWAYS.

Latest return received.	Railways.	Total mean length open.	Receipts for week ending 16th April 1881. Total.	Per mile open.	Total mean length open.	Receipts for week ending 15th April 1882. Total.	Per mile open.	Total Receipts from 1st to 16th April 1881. Total.	Per mile open per week.	Total Receipts from 1st to 15th April 1882. Total.	Per mile open per week.	Total Increase in 1881-82.	Total Decrease in 1881-82.
	Guaranteed.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
22nd April 1882	Eastern Bengal ...	176	54,048	307	172	73,580	428	1,35,770	337	1,60,353	435	24,583	...
15th ditto ...	Oudh and Rohilkhand	547	1,11,487	204	547	1,11,857	204	2,79,879	224	2,39,821	204	...	40,058
15th ditto ...	Sind, Punjab & Delhi	676	2,15,577	319	676	2,03,414	301	5,02,741	326	4,73,473	327	...	29,268
15th ditto ...	Madras ...	858	1,11,363	130	858	1,22,624	143	2,84,646	145	2,76,602	150	...	8,044
15th ditto ...	South Indian ...	655	81,532	124	655	70,305	107	1,70,879	114	1,48,922	106	...	21,957
15th ditto ...	Great Indian Peninsula	1,448	8,17,673	565	1,446	10,37,768	718	17,49,680	529	21,01,866	678	3,52,186	...
15th ditto ...	Bombay, Baroda and Central India ...	444	2,85,093	642	461	2,73,132	592	6,22,868	614	5,57,987	565	...	64,881
	TOTAL ...	4,804	16,76,773	349	4,815	18,92,680	393	37,46,463	341	39,59,024	384	2,12,561	...
	State.												
22nd April 1882	East Indian ...	1,507	7,96,921	529	1,507	8,75,849	581	18,77,662	545	19,51,345	604	73,683	...
15th ditto ...	Calcutta and South-Eastern ...	28	2,452	88	28	2,549	91	5,819	91	5,939	99	120	...
15th ditto ...	Nalhati ...	27	1,195	44	27	1,340	50	2,679	49	2,943	50	264	...
15th ditto ...	Northern Bengal ...	231	26,318	114	233	36,120	155	64,905	123	81,044	162	16,139	...
15th ditto ...	Tirhoot ...	82	13,591	166	85	13,203	155	29,950	160	28,168	155	...	1,782
15th ditto ...	Patna-Gya ...	57	11,549	203	57	11,232	197	26,672	204	25,290	207	...	1,382
15th ditto ...	Muttra-Hathras ...	29	2,371	82	29	2,476	85	5,435	82	5,500	88	65	...
15th ditto ...	Cawnpore-Farukhabad	86	5,513	64	86	5,971	69	12,204	62	12,886	70	682	...
15th ditto ...	Dildarnagar-Ghazipur	12	859	71	12	835	69	1,758	64	1,958	76	200	...
22nd ditto ...	Rajputana-Malwa ...	1,016	1,62,654	160	1,117	2,47,814	222	3,97,499	171	5,09,248	213	1,11,749	...
15th ditto ...	Wardha Coal ...	45	8,520	189	45	13,158	292	22,166	216	27,717	288	5,551	...
15th ditto ...	Nagpur & Chhattisgarh	66	5,965	90	98	20,995	214	12,786	85	44,365	211	31,579	...
15th ditto ...	Rangoon and Irrawndy Valley ...	161	36,900	229	161	49,449	307	1,00,832	275	1,04,874	304	4,042	...
22nd ditto ...	Sindia ...	70	3,925	56	75	6,167	82	10,264	64	15,755	98	5,491	...
15th ditto ...	Punjab Northern ...	363	70,849	195	368	80,312	218	1,95,000	235	1,77,704	225	...	17,296
15th ditto ...	Indus Valley and Kandahar ...	660	95,561	145	660	64,300	97	2,49,335	165	1,42,482	101	...	1,06,853
22nd ditto ...	Muttra-Achneyra ...	...	...	...	23	1,183	51	...	...	2,338	48	2,338	...
	TOTAL ...	2,933	4,48,222	153	3,104	5,57,104	179	11,37,304	169	11,88,211	179	50,907	...
	Native States.												
15th April 1882	Bhavnagar-Gondal ...	192	22,423	117	194	30,173	156	48,091	109	61,785	148	13,694	...
15th ditto ...	Nizam's ...	121	19,832	164	121	16,332	135	43,041	154	33,960	131	...	9,081
1st ditto ...	Mysore ...	58	2,229	39	...	(a)...	...	(b)2,951	40	(c)697	8	...	2,254
	TOTAL ...	371	44,484	120	315	46,505	148	94,083	111	96,442	143	2,359	...
	GRAND TOTAL ...	9,615	29,66,400	308	9,741	33,72,138	346	68,55,512	311	71,95,022	351	3,39,510	...
	GROSS ESTIMATED EXPENSES ...	...	...	...	...	...	...	32,22,091	146	34,53,611	169	...	...
	NET RECEIPTS ...	...	...	...	...	...	...	36,33,421	165	37,41,411	182	1,07,990	...

(a) Return not received. (b) Total receipts from 1st to 9th April 1881. (c) Receipts for the 1st day of April 1882.

No. XVI of 1882.

APPROXIMATE STATEMENT OF GROSS RECEIPTS AND EXPENSES OF INDIAN RAILWAYS.

Latest return received.	Railways.	Total mean length open.	Receipts for the first 9 days of April 1881. Total.	Per mile open.	Total mean length open.	Receipts for the first 8 days of April 1882. Total.	Per mile open.	Total Receipts from 1st to 9th April 1881. Total.	Per mile open per week.	Total Receipts from 1st to 8th April 1882. Total.	Per mile open per week.	Total Increase in 1881-82.	Total Decrease in 1881-82.
	Guaranteed.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
22nd Apl. 1882	Eastern Bengal ...	176	81,722	464	172	86,773	504	81,722	361	86,773	442	5,051	...
15th ditto ...	Oudh and Rohilkhand	547	1,68,392	308	547	1,27,964	234	1,68,392	239	1,27,964	204	...	40,428
15th ditto ...	Sind, Punjab & Delhi	676	2,87,164	425	676	2,70,059	399	2,87,164	330	2,70,059	349	...	17,105
15th ditto ...	Madras ...	858	1,73,283	202	858	1,53,978	179	1,73,283	157	1,53,978	157	...	19,305
15th ditto ...	South Indian ...	655	89,347	136	655	78,617	120	89,347	106	78,617	105	...	10,730
15th ditto ...	Great Indian Peninsula	1,448	9,32,007	644	1,446	10,64,098	736	9,32,007	501	10,64,098	644	1,32,091	...
15th ditto ...	Bombay, Baroda and Central India ...	444	3,37,775	761	461	2,84,855	618	3,37,775	591	2,84,855	540	...	52,920
	TOTAL ...	4,804	20,69,690	431	4,815	20,66,344	429	20,69,690	335	20,66,344	375	...	3,346
	State.												
22nd Apl. 1882	East Indian ...	1,507	10,80,741	717	1,507	10,75,496	714	10,80,741	558	10,75,496	624	...	5,245
15th ditto ...	Calcutta and South-Eastern ...	28	3,367	120	28	3,390	121	3,367	94	3,390	106	23	...
15th ditto ...	Nalhati ...	27	1,484	55	27	1,603	59	1,484	43	1,603	52	119	...
15th ditto ...	Northern Bengal ...	231	38,587	167	233	44,924	193	38,587	130	44,924	169	6,337	...
15th ditto ...	Tirhoot ...	82	16,359	199	85	14,965	176	16,359	155	14,965	154	...	1,394
15th ditto ...	Patna-Gya ...	57	15,123	265	57	14,058	247	15,123	206	14,058	216	...	1,065
15th ditto ...	Muttra-Hathras ...	29	3,064	106	29	3,024	104	3,064	83	3,024	91	...	[illegible]
15th ditto ...	Cawnpore-Farukhabad	86	6,691	79	86	6,915	80	6,691	62	6,915	70	224	[illegible]
15th ditto ...	Dildarnagar-Ghazipur	12	899	75	12	1,123	93	899	58	1,123	82	224	[illegible]
22nd ditto ...	Rajputana-Malwa ...	1,016	2,34,845	231	1,117	2,61,434	234	2,34,845	180	2,61,434	205	26,589	[illegible]
15th ditto ...	Wardha Coal ...	45	13,646	303	45	14,559	324	13,646	236	14,559	283	913	...
15th ditto	Nagpur & Chhattisgarh	66	6,821	103	98	23,370	238	6,821	80	23,370	209	16,549	...
15th ditto ...	Rangoon and Irrawaddy Valley ...	161	63,932	397	161	55,425	344	63,932	309	55,425	301	...	8,507
22nd ditto ...	Sindia	70	6,339	91	75	9,588	128	6,339	71	9,588	112	3,249	...
15th ditto ...	Punjab Northern ...	363	1,24,151	342	368	97,392	265	1,24,151	266	97,392	232	...	26,759
15th ditto ...	Indus Valley & Kandahar	660	1,53,774	233	660	78,182	118	1,53,774	181	78,182	104	...	75,592
22nd ditto ...	Muttra-Achneyra ...	...	...	...	23	1,155	50	...	...	1,155	44	1,155	...
	TOTAL ...	2,933	6,89,082	235	3,104	6,31,107	203	6,89,082	183	6,31,107	178	...	57,975
	Native States.												
15th Apl. 1882	Bhavnagar-Gondal ...	192	25,668	134	194	31,612	163	25,668	104	31,612	143	5,944	...
15th ditto ...	Nizam's ...	121	23,209	192	121	17,628	146	23,209	149	17,628	127	...	5,581
1st ditto ...	Mysore ...	58	2,951	51	86	(a) 697	8	2,951	40	697	8	...	2,254
	TOTAL ...	371	51,828	140	401	49,937	125	51,828	109	49,937	109	...	1,891
	GRAND TOTAL ...	9,615	38,91,341	405	9,827	38,22,884	389	38,91,341	315	38,22,884	340	...	68,457
	GROSS ESTIMATED EXPENSES ...	...	...	...	...	...	...	18,28,930	148	18,34,984	163	...	...
	NET RECEIPTS ...	...	...	...	...	...	...	20,62,411	167	19,87,900	177	...	74,511

(a) Receipts for the first day of April 1882.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

IRRIGATION OPERATIONS OF FASL RABI, N.-W. PROVINCES, 1882, UP TO 31st MARCH 1882.

Canal Division.	Water distributed during March 1882: Depth in Canal at Regulating Gauge in Feet. Full supply.	Actual average throughout.	Gross Consumption, Cubic Feet per Second. Allotted discharge.	Actual average throughout.	Total area of irrigation during current fasl.	Total area for the corresponding period of last year.
Upper Ganges. Northern	10·00	...	740	422	49,257	24,444
Upper Ganges. Anúpshahr	6·80	...	700	786	68,645	46,897
Upper Ganges. Meerut	8·30	...	969	1,499	91,323	54,163
Upper Ganges. Bulandshahr	7·35	...	972	731	102,177	80,648
Upper Ganges. Aligarh	5·50	...	994	508	138,007	124,733
Lower Ganges. Narora	...	...	...	177	21,921	14,295
Lower Ganges. Mainpuri	...	...	...	110	62,263	51,649
Lower Ganges. Cawnpore	6·20	...	958	572	107,017	108,300
Lower Ganges. Etáwah	4·80	...	771	813	154,942	157,942
Lower Ganges. Bhognipur	...	...	...	369	49,801	36,250
Total, Upper and Lower Ganges Canals	...	...	...	6,017	845,353	699,021
Eastern Jumna Canal	...	...	1,250	762	149,861	121,230
Agra Canal	...	...	2,000	851	78,924	95,216
Rohilkhand	...	...	...	40	56,711	32,186
Bijnor	...	...	...	...	2,600	2,401
Dún	...	...	...	111	7,566	5,901
Jhánsi	...	...	...	...	522	315
Hamírpur	...	...	...	...	94	442
Total	...	...	...	...	1,141,631	956,712

Zila.	Land irrigated (approximate): Wheat.	Barley.	Gram.	Other food-grains.	Miscellaneous.	Total.	Rain-fall: Total from 1st October 1881 to 31st March 1882.	Average of ten previous years for the same period.
Saháranpur	60,412	593	698	607	1,797	64,107	2·2	1·0
Muzaffarnagar	93,773	1,218	1,753	3,424	3,577	103,345	1·3	·85
Meerut	147,922	7,041	2,187	12,329	2,238	171,717	1·6	·78
Bulandshahr	75,823	23,264	2,018	14,874	2,116	118,095	·25	·44
Aligarh	60,010	23,811	3,478	7,469	4,350	99,118	·4	·35
Muttra	7,072	6,608	9,497	5,861	5,887	34,925	·1	·22
Agra	7,998	3,038	2,218	6,559	2,857	22,670	·2	·14
Etah	35,873	17,415	1,994	4,107	3,273	62,662	·2	·31
Mainpuri	59,305	30,068	1,382	2,805	3,635	97,195	·25	·22
Fatehgarh	21,335	17,959	184	1,946	2,109	43,533	·2	·11
Etáwah	60,649	41,173	4,491	312	5,683	115,308	...	·28
Cawnpore	41,895	68,520	937	2,402	3,068	116,822	·2	·01
Delhi	61	34	67	170	...	332	1·0	·63
Gurgaon	7,302	3,255	5,496	7,925	331	24,309	·4	·63
Dehra Dún	6,483	135	85	413	450	7,566	3·8	1·7
Bijnor	1,504	79	61	444	512	2,600	1·5	·83
Tarái	3,500	...	...	750	1,250	5,500	2·3	·92
Pilibhit	4,000	...	...	375	811	5,186	·4	·11
Bareilly	22,001	...	...	16,149	7,875	46,025	·6	·49
Jhánsi	93	24	283	115	7	522	·8	·19
Hamírpur	...	78	...	...	16	94	·1	·01
Total	717,011	247,313	36,829	88,636	51,842	1,141,631	...	..
Total for the same period last year	547,145	253,975	25,260	67,279	63,053	956,712	...	...
Increase	169,866	...	11,569	21,357	...	184,919	...	...
Decrease	...	6,662	...	...	11,211	...	...	...

Remarks.

	Cubic feet per second.
Entering head of Ganges Canal	5,460
„ Lower Ganges Canal	3,497
	8,957
Expended—	
Ganges Canal — 3,946	
Lower Ganges Canal — 2,971	
	6,917
Escapes—	
Anúpshahr Branch — 33	
Meerut Division, Ganges Canal — 10	
Bulandshahr ditto — 1	
Aligarh ditto — 1,470	
Nadrai escape — 6	
Mile 34, Lower Ganges Canal — 206	
Mainpuri Division, Lower Ganges Canal — 342	
Cawnpore ditto — 435	
Etáwah ditto — 35	
Bhognipur ditto — 382	
	2,940
	8,857

Executive Engineer, Northern Division, Ganges Canal, reports that no irrigation was effected during the month.

Executive Engineer, Mainpuri Division, Lower Ganges Canal, reports that the rabi crops are nearly all cut, and that "paleo" for indigo is progressing.

Executive Engineer, Rohilkhand Canals, reports that there was a slight demand for filling tanks for domestic purposes, watering cattle, &c.

The following additional kharif irrigation was effected during the month.

	Saháranpur.	Muzaffar-nagar.	Meerut.	Bulandshahr.	Aligarh.	Etah.	Total.
Gardens and orchards	...	...	...	...	...	74	74
Sugarcane	2,994	3,503	6,398	3,436	123	871	17,224
Rice	...	...	...	...	...	...	1
Indigo	80	11	3,009	6,528	477	469	10,574
Other food grains	1	1	11	27	...	146	186
Fodder crops	4	3	8	...	...	...	15
Tobacco	...	...	...	...	...	20	20
Watered once, &c.	...	...	...	...	...	426	426
Miscellaneous	153	229	71	5	...	...	458
Total	3,132	3,747	9,497	9,996	600	2,006	28,978

Abstract.

Bulandshahr Division, Ganges Canal	15,038
Narora Division, Lower Ganges Canal	2,006
Eastern Jumna Canal	11,934
Total	28,978

Allahabad,
The 25th April 1882.

G. H. D. WALKER,
Asst. Secy. to Govt., N.-W. P. and Oudh, P. W. D., Irrigation Branch.

STATEMENT OF TRAFFIC ON THE AGRA CANAL FOR THE MONTH OF MARCH 1882.

Nature of Traffic.	Agra Canal. Principal items of Traffic. Up. Mds.	Up. No.	Down. Mds.	Down. No.	Total up and down. Mds.	Total up and down. No.
Grains—						
Wheat	...	...	9,348	...	9,348	...
Gram	...	...	400	...	400	...
Rice	...	...	...	...	...	...
Paddy or dhán	...	...	...	...	...	...
Bejhar or mixed grain	...	...	...	...	...	...
Dal—						
Urd	...	...	...	...	...	...
Mung	...	...	...	...	...	...
Arhar	...	...	...	...	...	...
Masuri	...	...	...	...	...	...
Juár	...	...	2,950	...	2,950	...
Bájra	...	...	...	...	...	...
Maize or Indian-corn	...	...	...	...	...	...
Barley	...	...	...	...	...	...
Total	...	...	12,698	...	12,698	...
Cotton	...	...	108	...	108	...
Oilseeds	...	...	...	...	...	...
Salt	...	...	...	...	...	...
Metals	...	...	...	...	...	...
Building materials	14,660	...	2	...	14,662	...
Miscellaneous goods	1,541	...	1,550	...	3,091	...
Firewood	...	...	...	...	...	...
Bamboos	...	...	...	...	...	...
Timber—						
Poles and unsquared timber	...	...	...	...	...	...
Karis and squared timber	...	...	...	...	...	...
Logs	...	...	...	...	...	...
Miscellaneous timber	...	...	...	...	...	...
Live-stock	...	...	...	...	...	...
Grand Total	16,201	...	14,358	...	30,559	...
Total during corresponding period of last year	11,782	...	13,612	...	25,394	...
Increase	4,419	...	746	...	5,165	...
Decrease	...	...	...	...	...	...

Remarks.

Particulars.	Agra Canal. 1881.	1882.
Tonnage, including weight of timber and bamboos	907	1,122
Ton mileage	104,120	128,263
Value of goods Rs.	61,119	44,431
Number of passengers	...	...

Allahabad,
The 25th April 1882.

G. H. D. WALKER,
Asst. Secy. to Govt., N. W. P. and Oudh, P. W. D., Irrigation Branch.

STATEMENT OF TRAFFIC ON UPPER AND LOWER GANGES CANALS FOR THE MONTH OF MARCH 1882.

Grains.	UPPER GANGES CANAL. Principal items of local Traffic. Up. Mds.	Up. Nos.	Down. Mds.	Down. Nos.	Total up and down. Mds.	Total up and down. Nos.	LOWER GANGES CANAL. Principal items of local Traffic. Up. Mds.	Up. Nos.	Down. Mds.	Down. Nos.	Total up and down. Mds.	Total up and down. Nos.	UPPER AND LOWER GANGES CANALS. Principal items of through Traffic. Up. Mds.	Up. Nos.	Down. Mds.	Down. Nos.	Total up and down. Mds.	Total up and down. Nos.	UPPER AND LOWER GANGES CANALS. Principal items of local and through Traffic. Up. Mds.	Up. Nos.	Down. Mds.	Down. Nos.	Total up and down. Mds.	Total up and down. Nos.	Remarks.
Wheat	3,082	...	1,360	...	4,442	...	...	...	650	...	650	...	...	...	5,405	...	5,405	...	3,082	...	7,415	...	10,497	...	
Gram	300	...	2,065	...	2,365	...	191	...	...	...	191	...	...	...	314	...	314	...	491	...	2,379	...	2,870	...	
Rice	...	...	...	...	...	...	159	...	...	...	159	...	2,003	...	...	...	2,003	...	2,162	...	...	...	2,162	...	
Paddy or dhán	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Jowar or mixed grain	...	...	...	...	...	...	...	...	...	...	...	...	300	...	...	...	300	...	300	...	...	...	300	...	
Bájra	...	...	587	...	587	...	...	...	...	...	...	...	...	...	1,211	...	1,211	...	...	...	1,798	...	1,798	...	
Maize or Indian-corn	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Barley	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Dal ... Urd	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Dal ... Mung	...	...	...	...	...	...	...	...	...	...	...	...	660	...	...	...	660	...	747	...	100	...	847	...	
Dal ... Arhar	76	...	100	...	176	...	11	...	...	...	11	...	46	...	...	...	46	...	46	...	...	...	46	...	
Dal ... Masuri	...	...	...	...	...	...	...	...	...	...	...	...	...	...	607	...	607	...	3,019	...	2,421	...	5,440	...	
Juár	...	...	1,814	...	1,814	...	3,019	...	...	...	3,019	...	...	...	22	...	22	...	168	...	22	...	190	...	
Bájra	...	...	...	...	...	...	168	...	...	...	168	...	...	...	...	...	...	...	1,353	...	...	...	1,353	...	
Maize or Indian-corn	...	...	...	...	...	...	628	...	...	...	628	...	725	...	...	...	725	...	...	...	...	...	...	...	
Barley	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Total	3,458	...	5,926	...	9,324	...	4,176	...	650	...	4,826	...	3,734	...	7,559	...	11,293	...	11,368	...	14,135	...	25,503	...	
Cotton	...	...	...	...	...	...	...	...	2,207	...	2,207	...	...	...	2,834	...	2,834	...	...	...	5,041	...	5,041	...	
Oilseeds	...	...	...	...	...	...	...	...	355	...	355	...	100	...	45	...	145	...	100	...	400	...	500	...	
Salt	735	...	...	...	735	...	12	...	212	...	224	...	...	...	23,402	...	23,402	...	747	...	23,614	...	24,361	...	
Metals	395	...	...	...	395	...	33	...	150	...	183	...	5,502	...	...	...	5,502	...	5,939	...	150	...	6,089	...	
Building materials	23,375	...	3,490	...	26,865	...	999	...	702	...	1,701	...	143	...	...	...	143	...	24,517	...	4,192	...	28,709	...	
Miscellaneous goods	4,856	...	2,831	...	7,687	...	5,266	...	3,578	...	9,244	...	15,040	...	7,335	...	22,375	...	25,162	...	14,144	...	39,306	...	
Firewood	...	...	7,323	...	7,323	...	8,959	...	21,690	...	30,649	...	...	...	...	...	...	...	8,959	...	29,013	...	37,972	...	
Bamboos	...	...	36,847	736,940	36,847	736,940	25	500	185	3,700	210	4,200	12	240	...	...	12	240	37	740	37,032	740,640	37,069	741,380	
Timber. Poles and unsquared timber.	...	...	6,545	13,090	6,545	13,090	40	26	80	80	120	106	13	26	...	...	13	26	53	52	6,625	13,170	6,678	13,222	
Timber. Karis and squared timber.	...	...	5,486	5,436	5,486	5,436	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5,486	5,436	5,486	5,436	
Timber. Logs	130	7	264	13	394	20	...	...	...	...	...	...	10	1	...	...	10	1	140	8	264	13	404	21	
Miscellaneous timber	8	16	98	196	106	212	...	...	...	...	...	...	...	...	...	...	...	...	8	16	98	196	106	212	
Live-stock	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Grand Total	32,957	23	68,870	755,675	101,767	755,698	19,510	526	30,209	3,780	49,719	4,306	24,554	267	41,175	...	65,729	267	77,021	816	149,194	759,455	217,215	760,271	
Total during corresponding period of last year	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	65,566	4,533	157,817	151,302	223,383	155,835	
Increase	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	11,455	...	...	608,153	...	604,436	
Decrease	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3,717	17,623	...	6,168	...	

Particulars.	Upper Ganges Canal (local). 1881.	Upper Ganges Canal (local). 1882.	Lower Ganges Canal (local). 1881.	Lower Ganges Canal (local). 1882.	Upper and Lower Ganges Canals (through). 1881.	Upper and Lower Ganges Canals (through). 1882.	Total Upper and Lower Ganges Canals. 1881.	Total Upper and Lower Ganges Canals. 1882.
Tonnage, including weight of timber and bamboos	...	3,739	...	1,827	...	2,415	8,275	7,981
Ton mileage	...	199,368	...	165,339	...	604,669	990,542	969,376
Value of goods Rs.	...	90,446	...	69,181	...	2,35,680	3,14,843	3,95,307
Number of passengers	...	12	...	...	...	57	45	69

ALLAHABAD,
The 25th April 1882.

G. H. D. WALKER,
Asst. Secy. to Govt., N.-W. P. & Oudh, P. W. D., Irrigation Branch.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

IRRIGATION OPERATIONS OF FASL RABI IN THE PUNJAB FOR 1881-82 UP TO 31st MARCH 1882.

Canal Division.	Water distributed during March 1882. Depth in Canal at Regulating Gauge. Full supply.	Depth in Canal at Regulating Gauge. Actual throughout.	Gross Consumption, cubic feet per second. Estimated full supply.	Gross Consumption, cubic feet per second. Actual average throughout.	Navigation Return Canal. Principal items of Traffic. Up.	Down.	Land irrigated (approximate). Zila.	Acres.	Rainfall. Average.	During month.	Chief crops (approximate). Name.	Area in acres.	Remarks.
Bari Doab Canal. 1st Division	4·9	4·6	3,073·6	951·50	...	...	Gurdáspur ...	11,083	0·83	0·05	Wheat ...	158,806	The amount of water entering the Bari Doáb Canal was 2,918·84 cubic feet per second; of this 2,888·87 cubic feet per second were utilized, and the balance, 29·97 cubic feet per second, passed out at the various escapes. There was a brisk demand during the month, but the irrigation up to date is 36,712 acres less than that recorded in the corresponding month of last year, although it slightly exceeds the area of 1880.
Bari Doab Canal. 2nd Division, Main Branch, Lower	4·6	3·2		1,313·06	...	...	Amritsar ...	91,023	0·72	0·12	Barley ...	3,371	
Bari Doab Canal. 2nd do., Lahore Branch	3·0	3·1		624·01	...	...	Lahore ...	122,791	1·06	...	Mixed grains ...	16,613	
											Miscellaneous ...	46,107	
Total Bári Doáb Canal	...	...	3,073·6	2,888·87	...	...	.....	224,897	...	...	.....	224,897	
Corresponding period of last year	...	...	3,073·6	1,789·37	...	...	.....	261,609	...	...	.....	261,609	
Western Jumna Canal. Karnál Division	4·33	3·37	2,546	502	326,894 kurries, bullies, &c., 1,229 mds. timber, and 721 mds. firewood.		Umballa ...	334	0·83	0·10	Wheat ...	102,772	The volume entering the Western Jumna Canal was 1,845 cubic feet per second, of which the following was passed through the escapes :—
Western Jumna Canal. Delhi do.	5·70	3·77		364			Karnál ...	31,398	0·93	...	Barley ...	341	c. ft.
Western Jumna Canal. Hánsi do.	9·00	6·36		645			Delhi ...	20,464	0·50	...	Mixed grains ...	13,389	Budha Khera Escape . 117
Western Jumna Canal. Do. Bulla Head	8·80	5·80		179			Rohtak ...	25,108	0·75	...	Miscellaneous ...	9,599	Escape in Delhi Division . 12
							Hissár ...	25,100	0·70	...	.....	...	Delhi Canal Tail . . 26
							Jhind ...	22,373	...	...	.....	...	Total . 155
							Bíkaner ...	665	...	...	.....	...	
							Kalsia State ...	359	...	...	.....	...	
Total Western Jumna Canal	...	...	2,546	1,690	...	326,894	.....	126,101	...	...	.....	126,101	As compared with the corresponding period of last year, there is an increase of 14,537 acres.
Corresponding period of last year	...	...	2,546	1,478	...	167,140	.....	111,564	...	...	.....	111,564	
Inundation Canals. Upper Sutlej Division	...	...	...	...	...	...	Lahore ...	38,909	...	0·48	Detail not obtainable for want of establishment.	...	In the return for February 1882 the area irrigated approximately in the Mozaffargarh District was shown as 130,175; but in the present return the area is shown as 114,249 acres; this has been obtained from the actual measurements recently completed.
Inundation Canals. Lower Sutlej and Chenab	...	...	...	...	...	...	Montgomery ...	101,495	...	...		...	
Inundation Canals. Indus Canals	...	...	...	...	...	...	Mooltan ...	167,800	0·51	...		...	
Inundation Canals. Mozaffargarh Canals	...	...	...	...	...	...	Dera Ghází Khan ...	48,045	0·37	...		...	
							Mozaffargarh ...	114,249	...	...		...	
Total Inundation Canals	...	...	...	...	...	...	.....	470,498	...	...	.....	470,598	
Corresponding period of last year	...	...	...	...	...	...	.....	335,307	...	...	.....	335,307	
Perennial Canals Grand Total	...	...	...	...	...	...	.....	350,998	...	...	.....	350,998	There is a decrease of 22,175 acres in the area irrigated by the perennial canals as compared with the same period of last year.
Do., corresponding period of last year	...	...	...	...	...	...	.....	373,173	...	...	.....	373,173	

J. E. CATTON,
Offg. Asst. Secy. to Govt., Punjab, P. W. D., Irrigation Branch.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

CIVIL WORKS.

Telegraph.

GENERAL RULES FOR THE CONDUCT OF ALL ELECTRIC TELEGRAPHS LICENSED UNDER THE TELEGRAPH ACT TO TRNASMIT "PAID MESSAGES" FOR THE PUBLIC.

Nos. 203-35T., dated Simla, 2nd May 1882.

RESOLUTION—By the Government of India, Public Works Department.

Read the following :—

Indian Telegraph Act, I of 1876.
Resolution No. 707—12R., dated 24th June 1868.
" (Foreign Department) No. 194, dated 13th March 1869.
" Public Works Department, No. 125—28, dated 7th March 1871.
" " " " No. 144—50 T., dated 12th March 1874.
" " " " No. 169—90 T., dated 31st May 1881.
" " " " No. 58—103 A. T., dated 26th July 1881.
Letter No. 240T., dated the 16th July 1881, from the Government of India, Public Works Department, to the Director General of Telegraphs.
Letter No. 553 T., dated the 2nd November 1881, from the Director General of Telegraphs, to the Secretary to Government, Public Works Department.
Resolution, Public Works Department, No. 410—42 T., dated 14th November 1881.

RESOLUTION.—In the Resolution of the 14th of November 1881 it was stated that "the Government of India is willing and anxious to forward any scheme for developing and facilitating communication by telegraph, so far as this can be done without risk to the interests of the general tax-paying community; but in the interests of that community, it is essential that the telegraph service should be self-supporting."

2. In accordance with this Resolution, the attention of the Government of India has been drawn—

I—to the relation which the railway telegraphs should bear to the Imperial Telegraph System, in so far as they may be permitted to be the carriers of public messages; and

II—to the economy that must result in the combination of the maintenance of the Government and railway telegraphs whenever practicable.

3. The State Railway Telegraph Rules of 1874 were designed—

Primarily—To make the railway telegraph lines subsidiary and auxiliary to the Government Trunk System; and as such, they were allowed to retain certain shares of the receipts, varying in proportion to the distances messages were carried.

Secondarily—To provide for the construction and maintenance, by the Government Telegraph Department, of all telegraph lines and apparatus which might be required by the State Railways.

4. The experience of working these rules for over 7 years has shown that, however justly they were designed, on the principle of the division of receipts varying in proportion to work, such differential division has, in practice, caused an amount of account-keeping not justified by the sums involved.

5. The Director General of Telegraphs has represented, that the shares of receipts in favour of railways under the above rules are out of all proportion to the work done, and has urged, therefore, that, in future, all telegrams should be regarded as appertaining to the Telegraph Department, on the principle in force in England, by which railway telegraphs act only as agents for the Government system, and receive merely a fixed commission for carrying each message.

6. The Governor General in Council, however, whilst admitting the force of the Director General's arguments and the equity of his proposals, is nevertheless desirous, in the interests of the senders of telegrams, that railways should be encouraged to carry public telegraphic messages, to as great an extent as is compatible with the proper use of their telegraphs for the primary purpose of railway traffic; and has therefore decided, after duly considering

the present revenue of the Government Telegraph Department, to waive the claims of the latter to a share of the receipts; in the anticipation that any loss thereof will be more than compensated for by the effect of the additional facilities thus given to the public.

7. With this object, and also to simplify account-keeping, to ensure uniformity of procedure, and to develop telegraphic communication, it is resolved—

I—to extend to canal telegraphs also the privilege of carrying telegraphic messages for the general public;

II—that in future, every railway or canal, or other duly licensed telegraph office, at which a message may be tendered for despatch, shall retain the value of the message it sends, excepting such amounts as have to be again disbursed under the rules, for instance, for reply paid, post registered messages, &c.;

III—that there shall be but one public telegraph message system throughout India, applicable to railway, canal or any other telegraphic system licensed to carry messages for the public; and

IV—to provide for economical maintenance, the principle enunciated in Resolution, Public Works Department, Nos. 125—28T. of the 4th March 1871, that the maintenance of Government and railway telegraphs should be combined and vested in the Telegraph Department whenever practicable, is re-affirmed, and is now extended to canal telegraphs.

8. The accompanying sets of rules, *viz.*,—

I—General Rules relating to the conduct of all Electric Telegraphs licensed under the Telegraph Act to transmit "Paid messages" for the public,

II—Rules relating to the provision and maintenance of Electric Telegraphs for the use of railways and canals,

are therefore published, and are to come into force on the 1st of June 1882.

I.

General Rules for the conduct of all Electric Telegraphs licensed under the Telegraph Act to transmit "Paid messages" for the public.*

The Governor General in Council is pleased, under the provisions of Act I of 1876, entitled an Act to amend the law relating to Telegraphs in India, to prescribe the following Rules for the conduct of all Electric Telegraphs, other than those appertaining to the Government Telegraph Department, established or maintained within British India by any Company or person licensed under the above Act to transmit "Paid messages" for the public:—

Government Telegraph officers allowed on railway premises.

1. The licensed telegraph authorities shall allow all officers, inspectors, artificers, workmen and others employed by the Government Telegraph Department, in the construction or repair of the lines of telegraph within their boundaries to enter on their premises, and shall give such persons all reasonable facilities for travelling and for transporting material along the lines.

Instruments to be approved of by Telegraph Department.

2. The instruments in the licensed offices shall be of a pattern approved by the Government Telegraph Department.

Licensed offices to be connected with Government offices when desired.

3. The Government Telegraph Department may, at its own expense, connect any of its own offices by wire with any licensed Telegraph Office, and the licensed authorities shall afford every necessary facility for establishing and maintaining the connection, and for the interchange of messages thereby.

Signalling staff of licensed Telegraph Offices to be controlled by Railway authorities, &c.

4. The signalling staff of each licensed Telegraph Office shall be wholly and exclusively controlled and paid by the licensed authorities, but shall be amenable to the penal clauses of the Telegraph Act No. I of 1876, in the same manner as if they were employés of the Government Telegraph Department.

* *N.B.*—For the purposes of these rules, telephones and their apparatus are at present *not* included in the term "Electric Telegraphs."

Government system to be adopted for instruments, tariff, &c.

5. The system adopted in the Government Telegraph Department in respect of instruments, forms connected with public messages, receipt, transmission and check of messages, alphabet and code signals, shall be adopted and strictly followed by every licensed Telegraph Office, so far as the Government Telegraph Department may require.

Inland messages.

6. Inland messages, not relating to the business of the licensed authorities, shall, with due regard, in the case of railways, to the necessities of their traffic, be received at any licensed Telegraph Office when open, under the following conditions:—

Inland messages.

(*a*) They shall be transmitted to their destination by the quickest route, whether that be by Government or licensed Telegraph wires; and shall be received, charged for, despatched and delivered without undue delay, under the General Rules and Rates for Inland Telegrams sanctioned by the Governor General in Council from time to time.

Fees for inland messages.

(*b*) The fees paid for all inland messages shall be retained by the Administration receiving them, except in the cases of deposits for "Prepaid replies," "Postage," "Registration," and "Express charges," the amounts of which will be credited in account by the Government Telegraph Check Office to the Paying Office, and debited to the Receiving Office.

(*c*) The Telegraph Offices of any intermediate or terminal Railway, Canal or other Administration will be bound to forward or deliver messages passing on to its wires free of charge, except what may be due to it under (*b*).

Foreign messages.

7. Foreign messages may be accepted by licensed Telegraph Offices specially authorized to receive them, and must be received, charged for and despatched under the Rules and Rates for Foreign Telegrams, sanctioned by the International Telegraph Convention and in force for the time being. For the transmission of foreign messages, except in the case of those for Ceylon and Upper Burmah, licensed Telegraph Offices will be credited in account by the Government Telegraph Check Office with the sum of two annas a word, and debited with the full charge of the message. In the case of messages for Ceylon and Upper Burmah, the licensed Telegraph Office share will be half an anna per word.

Fees for foreign messages.

Payments by cash or stamps optional.

8. Inland or foreign messages tendered for transmission at a licensed Telegraph Office may be paid for either in cash or by affixing Government telegraph stamps, at the option of the sender:—

Use of postage stamps.

(*a*) Messages received at a licensed Telegraph Office by post from a place where there is no Telegraph Office may be paid for by postage stamps.

Credits for telegraph or postage stamps.

(*b*) Whenever telegraph or postage stamps may be used for the payment of messages, the Office receiving them will be credited in account by the Government Telegraph Check Office.

Message drafts to be sent to Check Office.

9. Drafts and copies of any messages, not on the business of the licensed authorities, received at, or transmitted from, any of their Offices, shall be forwarded post-paid to the Government Telegraph Check Office if demanded, under instructions which shall be issued by the Director General of Telegraphs in India.

Complaints and refunds.

10. Complaints respecting messages and applications for refunds should be addressed to the Government Telegraph Check Office, Calcutta.

Message drafts to be preserved for six months.

11. To admit of the investigation of complaints, the licensed authorities are to provide for the preservation of all message drafts for a period of six months, at the expiration of which term, unless previously demanded under Rule 9, they must be transmitted, post-paid, to the Government Telegraph Check Office, Calcutta. They may, however, be sent to the Check Office immediately after audit of the accounts of the Telegraph Office concerned.

Service messages to be sent free.

12. Messages on the service of the Government Telegraph Department shall be transmitted, without charge, to or from all licensed Telegraph Offices.

Order of transmission of messages.

13. Private and State messages shall, as a rule, be sent as directed in the Rules and Rates for Inland Telegrams; but a State message marked "clear the line" or "precedence" shall take precedence of all other messages. Provided that if sent by any Railway Telegraph Office, its transmission shall be consistent with the safe working of the railway traffic.

Director General of Telegraphs in India may inspect licensed Telegraph Offices.

14. The Director General of Telegraphs in India, or any officer deputed by him, may at any time inspect any licensed Telegraph Office, or messages sent from, or received at, any of them; and the licensed authorities shall give all facilities for such inspections, and shall submit for inspection any books or accounts connected with the working of their telegraphs, or any originals or copies of messages sent or received, which the Director General or such officer may require.

II.

Rules relating to the provision and maintenance of Electric Telegraphs for the use of Railways and Canals.

To what Railways and Canals applicable.

1. These rules are applicable to all railways and canals which are the property of the Government of India, and to such other railway, canal or telegraphic systems as the Governor General in Council may order to be governed by them.

Construction and maintenance of lines vested in Government Telegraph Department.

2. The construction, maintenance and repair of the lines shall be vested in the Government Telegraph Department, the officers of which shall be permitted to erect and maintain posts and wires, and other appurtenances of a telegraph, within the railway or canal, fences or other boundaries, to such an extent as, under the orders of the Director General of Telegraphs, may be required.

Wires to be leased by Government to railways or canals.

3. The Government Telegraph Department will supply to the authorities of each railway or canal, for their exclusive use, as many wires as the Government of India may consider necessary for the proper working of the system, at a fair rent, to be fixed from time to time by the Governor General in Council.

Supervision, supply and maintenance of apparatus.

4. The technical supervision of Railway or Canal Telegraph Offices, the supply, regulation and repair of apparatus, shall be undertaken by the Government Telegraph Department on payment of an annual sum to be fixed from time to time by the Governor General in Council.

Control of Railway or Canal Telegraphs so far as used for its own purposes.

5. Each railway or canal shall work the wires rented to it, so far as they may be used for its own traffic or train signalling purposes, subject to the general control of the Government of India.

To the Department of Finance and Commerce
" Foreign, Home, Military, and Legislative Departments.
" Department of Revenue and Agriculture.
" Governments of Madras, Bombay, Bengal, the North-Western Provinces and Oudh, and the Punjab, in the Public Works Department.
" Chief Commissioners, Central Provinces, British Burma, Assam and Coorg.
" Resident at Hyderabad.
" Resident at Mysore (through Foreign Department).
" Agents to the Governor General for Central India, Rajputana, and Beluchistan.
" Accountant General, Public Works Department.
" Inspector General of Military Works.
" Director General of Railways.
" Consulting Engineers to the Government of India for Guaranteed Railways, Calcutta, Lahore, and Lucknow.

ORDER.—Ordered that copy of this Resolution and enclosures be communicated to the Departments of the Government of India and the Local Governments and Administrations noted in the margin, for information and guidance.

Also, that a copy of this Resolution be forwarded to the Director General of Telegraphs for information and guidance.

Also, that the Resolution and enclosures be published in the *Gazette of India*, and that copies be communicated to the Chambers of Commerce in Bengal, Madras, Bombay, Rangoon, and Karachi.

By order,

W. S. TREVOR, *Colonel, R. E.*,
Secretary to the Govt. of India.

GOVERNMENT OF INDIA.

REVENUE AND AGRICULTURAL DEPARTMENT.

REPORTS ON THE STATE OF THE SEASON AND PROSPECTS OF THE CROPS FOR THE WEEK ENDING THE 16th MAY 1882.

GENERAL REMARKS.—Good rain has again fallen in the extreme south-west of the Madras Presidency, and there has been rain also in nearly all the districts of that Presidency, of the Mysore State, of Coorg, and of British Burma. In the Nizam's Territories there has been only slight rain, and in Berar none. In the Bombay Presidency light showers have been reported from two or three districts, and in the Central Provinces from three places. In Central India and Rajputana slight rain fell in most of the States, accompanied almost everywhere with dust-storms, thunder, and hail. In the Punjab rain has occurred in some places—comparatively heavy in two districts. In the North-Western Provinces and Oudh some rain has fallen in nearly every district. In Bengal, Assam, and Burma more or less heavy rain is reported in almost all districts.

Harvest operations are still in progress in some Provinces—as, for instance, in parts of Bengal and Assam, where the reaping of spring rice is yielding a good average outturn in some tracts, and a very good one in others; in the Punjab, where the *rabi* harvest is yielding a good outturn; in the Madras Presidency, where the reaping of certain crops is giving an average yield; and in the Mysore State, where the harvest of sugarcane and paddy is still in progress.

Standing crops are said to be good or fair in the Madras Presidency, fair in the Mysore State except in some limited places, where they have withered, and much improved in Bengal by the recent rainfall and the fair weather since set in. In the North-Western Provinces and Oudh the recent rain has somewhat injured melons and mangoes, but have benefited sugarcane and indigo. In Assam tea is reported to be doing better than hitherto, and in Coorg rain has been most beneficial for the coffee crop.

Ploughing and sowing are progressing in some parts of the Madras Presidency, and are being vigorously pushed on in Bengal. In the Bombay Presidency, in the Central Provinces, in Berar, in Mysore, in Coorg, and in Assam, preparation of land for the *kharif* crops is progressing. Rain is urgently wanted in Dharwar, and the want of drinking-water is felt there and in the Nizam's Territories.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Madras—(May 17th)		
Bellary ...	1·55 (in one station)	Standing crops good; harvest paddy and sugarcane, outturn average; fever and small-pox in parts.
Kurnool ...	·93 (in one station)	Harvest of paddy, yield below average; small-pox and cattle-disease in parts.
Ganjam ...	2·07 (average of fifteen stations).	Standing crops, paddy, cotton, and gingelly, thriving; small-pox and fever prevalent; sporadic cholera in parts; cattle-disease exists.
Kistna ...	·89 (average of five stations).	Fever, small-pox, and guinea-worm in parts; cattle-disease continues.
Chingleput (Madras) ...	.....	Standing crops good where irrigated, bad elsewhere; harvest wet and dry crops, outturn below average; agricultural operations progressing; small-pox in parts; a few cases of cholera.
Coimbatore ...	1·41 (average of fifteen stations).	Standing crops generally good; harvest paddy and dry crops, yield paddy above average, dry, average; small-pox, fever, and cholera in parts.
Tanjore ...	·27 (average of three stations).	Standing crops good; harvest of dry grains, yield average; a few cases of cholera.
Madura ...	·03 (average of seven stations).	Standing crops dry fair; harvest paddy, outturn about average; cholera slight in parts.
Malabar ...	·29 (average of ten stations).	Sowing first crop continues; fever, small-pox, cholera, and cattle-disease in parts.
Travancore ...	3·94	Ploughing and sowing progressing; harvest of second crop paddy, outturn average; fever prevalent.
		General Remarks.—No rain in Chingleput; general prospects fair.
Bombay—(May 17th)		
Kurrachee ...	.....	Weather sultry; river at Kotri on 15th, 7 feet 3 inches, same as on corresponding date last year; fever in five talukas; small-pox in three talukas; prices—wheat, red rice, and *bajri* in Kurrachee 22, 40 and 33, in Tatta 24, 44 and 48, in Dadu 32 and 40, in Shahbandar 44 and 40, and in Jahi 18, 48 and 48 lbs. per rupee respectively.
Hyderabad ...	·03 on 12th at Mora	River rising; *kharif* operations commenced generally; slight fever in six talukas; heavy dust-storm on evening of 12th here, but no damage reported; wheat 25, *juari* 44, *bajra* 40, red rice 32, and white rice 22 lbs. per rupee.
Ahmedabad ...	.....	Preparations for the next season progressing; health good; wheat 27 and *bajra* 30 lbs. per rupee.
Baroda ...	.....	Land being prepared for rainy season; health good; *bajri* 29 and common rice 23 lbs. per rupee.
Surat ...	.....	Preparation for cultivation continues; *juari* 38 and *nagli* 51 lbs. per rupee.
Násik ...	.....	Public health good; *bajri* 41½, wheat 31, and *juari* 67 lbs. per rupee.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Bombay—*contd.*		
Colaba (Bombay) ...	.....	Temperature normal; vapour in air normal; abnormal wind northerly; distant lightning on 16th.
Poona ...	.....	Five cholera cases in two villages of Indapur, 4 fatal; slight cattle-disease in Indapur and Khed talukas; average prices—*bajri* 45 and *juari* 56¾ lbs., in Poona *juari* 47¾ and *bajri* 39 lbs. per rupee.
Ahmednagar ...	.....	Land being prepared for next season; water-supply in taluka Parner failing; *juari*—maximum 96 lbs. in Jhamkhed, minimum 54 in Newasa; *bajri*—maximum 66 lbs. in Jhamkhed, minimum 48 in Kopergaon; slight cattle-disease in Karjat and Newasa talukas.
Sholapur ...	.....	Cattle-disease in Sholapur, Sangola, and Malsiras; cholera 3 cases, 1 fatal in Karmala; *jowari* 73 lbs. 4 tolas, *bajri* 56 lbs. 9 tolas per rupee.
Dharwar ...	Slight rain in Dharwar, Gadag, and Kalghatgi.	Weather cloudy; rain urgently wanted everywhere; ground being prepared for *kharif* sowings; scarcity of drinking-water in eight talukas; public health good; rice 22 and *juari* 53 lbs. per rupee; flight of locusts passed through Dharwar and Hubli.
Kanara ...	Sirsi, ·88; Hallial, ·17	Harvesting second crop completed on coast; sugarcane plants healthy; preparing ground for monsoon crop; cattle-disease in three talukas; small-pox in Bhatkal and Sidapur subsiding; common rice in Karwar 12 seers, in district 14½ seers per rupee; weather cloudy and showery.
Rajkot ...	.....	Weather hot; 2 new cases of cholera in Rajkot town and 2 in Khakrechi, Und, Malia, and Dhrol; *bajri* 25 and *juari* 29 lbs. per rupee.
		General Remarks.—*Rabi* harvest completed; preparation of land for *kharif* begun; slight rain in Khandesh and Kanara, urgently wanted in Dharwar; scarcity of drinking-water in one taluka of Ahmednagar and eight of Dharwar; slight fever and cattle-disease in a few districts; cholera in Rajkot, Poona, Sholapur, Satara, and Belgaum.
Bengal—(May 17th)—		
Chittagong ...	0·29	Weather seasonable; prospects of crops good; prices stationary; cholera still continues; small-pox abating; general health good.
Dacca ...	1·02	Rain ceased and sultry weather recommenced, this after rain will advance prospects considerably; harvesting of spring (*boro*) paddy almost completed, yield about fourteen annas; public health good.
24-Pergunnahs (Calcutta)	0·98	Lands being prepared for early and winter (*amun*) crops; recent rain has done much good; prices of common rice stationary; general health good, isolated cases of cholera being only reported from Barripur, Dum-Dum, Barrackpore, and Baraset sub-divisions, and a few cases of small-pox from Dum-Dum and Barrackpore.
Moorshedabad ...	3·04	Rain has improved prospects of crops, and agricultural operations are going on with much activity; mild cholera still lingering in Bhagwangola police station and elsewhere.
Rajshahye ...	0·43	Autumn (*aus*) and winter (*amun*) rice and jute greatly improved by rain; cholera and fever as before.
Burdwan ...	1·76	Weather seasonable; ploughing continues; cholera still reported.
Rungpore ...	0·30	Weather warm; prospects of crops favourable; prices of food-grains stationary; public health good.
Bhagálpur ...	1·47	Lands being prepared for rice sowings; cholera much abated.
Purneah ...	1·65	Prospects of crops good; sowing of autumn (*bhadoi*) crops still going on; cholera abating.
Patna ...	1·08	Harvesting of *China millet* over; sugarcane promising well; cholera and small-pox still reported from Behar sub-division.
Durbhunga ...	0·43	Weather hot; sowing of rice begun; prices stationary; cholera bad in Tajpur, but decreasing in Durbhunga town and Sadr sub-division.
Hazáribágh ...	*Nil*	Weather warm; fields being prepared for next season; small-pox and a few sporadic cases of cholera reported from the interior.
Cuttack ...	2·1	Reaping of spring (*boro*) rice completed; ploughing progressing; cholera prevalent in the interior.
		General Remarks.—Fair weather after recent heavy rain, which has been very beneficial to crops now on the ground and to ploughing and sowing operations, which are now vigorously proceeding; harvesting of spring (*boro*) rice almost completed, with good average outturn; cholera abating in many places; small-pox still lingering in some; public health generally fair.
N. W. Provinces and Oudh—		
Benares (May 16th)	*Nil.*	Harvest operations for the *rabi* crops have been finished; sugarcane is being irrigated; health of man and cattle good; bazars are well supplied with food-grains, and prices are steady.
Cawnpore („ „)	0·4	Rain has been beneficial to indigo and sugarcane; outturn of extra crops good; no disease prevalent, except fever in five parganas; prices nearly stationary.
Allahabad („ 17th)	Slight rain in Manjhanpur.	*Sawan* (millet) and sugarcane being irrigated; mangoes much damaged by late storm; melons in market; cholera in district as reported last week not increased, city very healthy; prices risen slightly; grain imported from the south.
Gorakhpur („ 16th)	.....	Rain on 10th and 11th, succeeded by fine weather; early rice being planted out; grain abundant; prices stationary; cholera decreasing.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
N. W. Provinces and Oudh—*contd.*		
Jhánsi (May 15th)	.....	East winds prevail; weather stormy and unsettled, with occasional showers; a slight fall of hail is reported in two parganas; fields are being manured for *kharif* sowings; prices stationary; slight cattle-disease in pargana Jhánsi.
Agra („ 16th)	Rain fell in four parganas from 0·2 to 0·7.	Fever and small-pox continue in city; general health good; prices rising.
Farukhabad („ „)	1·0 in two tahsils and less elsewhere.	East wind all the week, with storms; prices rising; general health good.
Bareilly („ „)	Rain general on 10th, 11th, and 14th; average fall, 1·7.	Weather extremely cool and pleasant for May; harvest over; sugarcane and indigo have much benefited from the rain; prices rising; health good.
Meerut („ „)	Meerut, 0·4; Mowana, 0·6; elsewhere, less.	Heavy storm occurred on the night of the 13th; health of men and cattle good; supplies ample; prices stationary or slightly rising.
Kumaun ...	.....	No report received.
Lucknow (May 16th)	Sadr, 1·2; Maliabad, 0·4; Mohanlalganj, 0·2.	Melons have been much injured by the rain, but sugarcane is benefited; prices slightly risen; barley selling at 28 seers per rupee; public health fair; a few cases of cholera reported from the interior.
Partabgarh („ „)	Some rain in tahsil Patti on 10th.	There is still a good deal of fever in the district; sugarcane and *sawan* being irrigated; weather cool for this time of the year.
Rae Bareli („ 15th)	Rainfall on 10th—Sadr, 0·2; Digbijaiganj, 3·1; Dalamau, 0·7; Salon, 0·2: 11th May—Dalamau, 0·1.	Wind easterly; weather cloudy and cool; general health fair; prices almost stationary.
Sitapur („ 16th)	0·5 on 10th; 0·2 on 14th.	Winds easterly; cholera abating; prices steady.
Fyzabad („ „)	Sadr, 0·7	Cholera still prevalent.
		General Remarks.—Some rain fell nearly in every district, which injured melons and mangoes, but benefited sugarcane and indigo; prices rising slightly; cholera continues in Fyzabad and Allahabad, but is decreasing in Gorakhpur and Sitapur; a few cases have been reported from Lucknow; small-pox continues in Agra, and is abating in Moradabad; a few cases of cattle-disease are reported from Moradabad and Jhánsi.
Punjab—(May 16th)		
Delhi ...	·30	Health fair; small-pox continues in city; prices fluctuating.
Hissar ...	Slight drizzling rain	Weather cloudy; harvesting and winnowing continue; prices stationary; health good.
Umballa ...	No rain	Threshing of *rabi* crop finished; prices stationary; health fair.
Jullundur ...	No rain	Threshing continues; prices steady; health good.
Amritsar ...	No rain	Winnowing in progress; prices fluctuating; health good.
Lahore ...	No rain	Crops and health good; prices stationary.
Ferozepore ...	1·00	Crops being cut and gathered; prices fluctuating; health good.
Sialkot ...	No rain	Crops cut; prices stationary; health good; cattle-disease has appeared.
Rawalpindi ...	1·00	Crops being cut; prices falling; health good.
Peshawar ...	Slight rain	Prices falling.
Mooltan ...	No rain	Harvesting in progress; *kharif* crops being sown; prices stationary; health good.
Dera Ismail Khan ...	·30	Crops being reaped; prices stationary; health good.
		General Remarks.—Harvesting still in progress; prices generally steady; health good; slight rain in a few districts.
Central Provinces—		
Nagpur (May 17th)	·15	Weather hot, with dust-storms; ground being prepared for *kharif* sowings; measles still prevalent; 3 cholera cases; cattle-disease prevalent; prices rising; exports 9,902 bags (of ?).
Jubbulpore ...	·12	Weather cloudy and warm; *kharif* ploughings continue; cholera and small-pox prevalent; wheat 20 and rice 12 seers per rupee.
Saugor (May 15th)	.....	Weather warm and cloudy; threshing continues; land being prepared for *kharif*; prices rising.
Seoni ...	·42	Weather cool, storms daily; small-pox, cholera, and cattle-disease prevalent; prices steady.
Khandwa ...	Slight rain	Weather cloudy and warm; small-pox prevalent; prices rising; wheat 17, *juari* 26, and rice 12½ seers per rupee.
Hoshangabad (May 16th)	.....	Weather hot; winnowing continues; small-pox prevalent; wheat 16, rice 9, and *juari* 27 seers per rupee.
Raipur („ 13th)	Occasional showers	Mornings cool, day sultry; land being prepared for *kharif*; cholera still prevalent; rice 38 and wheat 31 seers per rupee.
Sambalpur („ 11th)	.....	Weather cloudy and cool at nights, with heavy dew; land under preparation for *kharif*; cholera abating; rice 49 seers per rupee.
		General Remarks.—Weather cloudy, with slight showers of rain and high winds; land being prepared for *kharif* sowings; cholera, small-pox, and cattle-disease prevalent; prices rising in some districts, on the whole continue easy.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
British Burma— (May 13th)		
Akyab ...	·03	Total rainfall 3·73 inches; two deaths from small-pox in Akyab town and Akyaylat; disease prevailing in four townships, otherwise public health good; slight cattle-disease in four townships, severe in one township.
Rangoon ...	1·05	Total rainfall 4·21 inches; one fatal case of cholera and two fatal cases of small-pox, otherwise public health good.
Bassein ...	2·69	Total rainfall 4·98 inches; two deaths from cholera in Bassein town, otherwise public health good.
Prome ...	1·00	Total rainfall 2·05 inches; six deaths from cholera in Prome town, total to date 204; disease also in district.
Amherst (Moulmein) ...	.....	Public health in Moulmein and district good.
Toungoo ...	·11	Total rainfall 2·32 inches; seven cases of small-pox, four of which fatal in Toungoo town, otherwise public health good; slight cattle-disease in Thagaya township.
		General Remarks.—Cholera in Thayetmyo and part of Shwegyeen, and continues in Prome but has abated; small-pox still in Akyab and Toungoo but has decreased, with exception of a few scattered cases of cholera, public health otherwise good; cattle-disease severe in part of Akyab; rains appear to have set in.
Assam—(May 17th)		
Gauhati ...	1·37	Weather very hot; prospects of crops good; a few cases of cholera still at Gauhati and in part of the north of the district, but appears to have ceased at Barpeta.
Sylhet ...	1·60	Cultivation of *aus* and *amun* paddy rather backward; *boro* paddy out-turn very good in some parts; tea doing better.
Cachar ...	·22	Weather very warm; ploughing for crops continues; sowing of *dumahi* and *murali* crops commenced in some places in Hailakandi; common rice 30½ seers per rupee; eight cases of cholera reported from Lakhimpur.
Dibrugarh ...	·75	Weather hot; prospects of *aus* paddy good; ploughing for *sali dhan*; cattle-disease still reported; district healthy.
Mysore and Coorg— (May 17th)		
Bangalore ...	1·66	Most of the wet crops have withered; sugarcane harvest continues, also of *vysakh* paddy in ten taluks; health good; prices unchanged.
Mysore ...	½ to 4 inches in all taluks.	Ploughing commenced; standing crops in fair condition; prospects favourable; *ragi* 20 seers per rupee; cholera continues in the town and parts of the district.
Mercara ...	1·33	Rain most beneficial for coffee crop and agricultural operations; price of *ragi* and gram has risen, of rice stationary; small-pox prevalent in many parts of the province.
		General Remarks.—Rain has fallen more or less all over the Mysore State; land being ploughed; pasturage improving; prospects generally fair, and public health also on the whole fair; prices show upward tendency.
Berar & Hyderabad— (May 17th)		
Amráoti ...	.....	Weather hot, cloudy and stormy; fields under preparation; prices of wheat 18 and *juari* 36 seers per rupee.
Akola ...	.....	Weather hot; ploughing in progress.
Hyderabad ...	·42	*Tabi* reaping continues; want of water felt in some taluks; fever and cattle-disease prevail in places; prices of wheat 17, rice 10, white *juari* 24, yellow *juari* 28, and *tur* 27 seers per current sicca rupee.
Central India States— (May 17th)		
Indore ...	No rain	Weather hot and cloudy; health good.
Morar (Gwalior) ...	·12	Weather warm; health good; small-pox on the decrease; prices stationary.
Sutna ...	.....	Weather cool; cholera at Rewah.
Rutlam ...	.....	No report received.
Neemuch ...	·18	Small-pox abating; weather hot; high winds; prices rising.
Goona ...	.....	Wheat 24 seers per rupee; crops and health good; small-pox prevalent; weather cloudy.
Bhopal ...	.....	A few thunder showers with high wind from south-west; prospects good, but wheat harvest of Bhopal light; small-pox still prevalent.
Agar ...	·84	Health and prospects good.
Nowgong ...	·10	Public health good; weather cool and pleasant, but unseasonable; prices stationary.
Manpur ...	.....	Weather cloudy and warm, with occasional high wind; harvesting of wheat continues; prices steady.

SUPPLEMENT TO

The Gazette of India.

№ 21.} CALCUTTA, SATURDAY, MAY 27, 1882.

OFFICIAL PAPERS.

A SUPPLEMENT *to the* GAZETTE OF INDIA *will be published from time to time, containing such Official Papers and information as the Government of India may deem to be of interest to the Public, and such as may usefully be made known.*

Non-Subscribers to the GAZETTE *may receive the* SUPPLEMENT *separately on a payment of six Rupees per annum if delivered in Calcutta, or nine Rupees if sent by Post.*

No Official Orders or Notifications, the publication of which in the GAZETTE OF INDIA *is required by Law, or which it has been customary to publish in the* CALCUTTA GAZETTE, *will be included in the* SUPPLEMENT. *For such Orders and Notifications the body of the* GAZETTE *must be looked to.*

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

CIVIL WORKS.

Telegraph.

ADMINISTRATION REPORT OF THE INDO-EUROPEAN TELEGRAPH DEPARTMENT FOR THE YEAR 1880-81.

Nos. 149-57 T., dated Simla, the 13th April 1882.

RESOLUTION—By the Government of India, Public Works Department.

Read—

Letter from the Director-in-Chief, Indo-European Telegraph Department, No. 279, dated 24th August 1881.

OBSERVATIONS.—The Capital Account has been increased during the year by £276-4-9 only, and stood at the end of the year approximately at £1,154,429-4-9.

2. The receipts amounted to £88,474-12-10, showing an increase of £7,330-5-11 over those of the previous year; most of the increase being due to increased receipts from the common purse arrangement. In the Administration Report of 1879-80 the Director-in-Chief reported that the earnings for that year, subject to correction, were £82,710-16-3, the difference between this amount and the sum now reported as the earnings of that year, or £81,144-6-11, should be explained at an early date. In submitting future accounts all such differences should invariably be explained.

3. The expenditure of the year was £73,113-2-10, being somewhat higher than the normal expenditure of the previous year, owing to increased cost of repairs.

4. The net balance of the year's revenue over working expenses amounted to £15,361-10-0; but this does not include the earnings of the *Patrick Stewart*, for services rendered to other departments, amounting to £1,078-6-0, and the value of the *Amberwitch*, £4,000 transferred to the Marine Department. Including these items the net revenue is increased to £20,439-16-0, representing a profit of £1·77 per cent. on the capital outlay.

5. Considerable damage was done to the lines in Persia by the storms during the winter, which was exceptionally severe, and the cost of repairs has been consequently somewhat heavier than usual; but, on the other hand, the wilful damage done to the lines was only of a trivial nature.

6. The general results of the year's operations are very satisfactory, so far as the working of the Telegraph service and the efficiency of the lines are concerned, and the Government of India concurs in the commendations by the Director-in-Chief of the staff, through whose exertions such good results have been obtained. But the financial condition of the administration requires careful consideration. The Government of India notes with approval that efforts are being made to increase the traffic, and it may be noted that some reductions have been made in the cost of working since the Report under review was written.

7. The total revenue is the largest that has been earned since the alternative route *viâ* Suez was completed, and there seems to be a fair prospect of the revenue increasing; but as yet it does not yield an adequate return on the capital invested, and endeavours must not be relaxed to secure such a diminution of working expenses as shall, without risking efficiency of the service, leave a fair balance for interest on the capital invested.

8. The figures quoted in the Report relating both to the Capital and Revenue Accounts differ somewhat from those in the annual accounts submitted by the Examiner of Telegraph Accounts: this is unavoidable as the figures shown in the Administrative Accounts are the actual earnings whether received or not, and the actual expenditure incurred whether paid or not. On the other hand, the Financial Accounts exhibit the transactions which actually occur during the year. It is manifest, therefore, that the two sets of figures can never agree.

9. The differences between the two sets of figures are brought out in the subjoined statement:—

	As per Administration Report.	As per Finance Accounts.	Difference. More.	Difference. Less.
	£	£	£	£
Capital Expenditure—				
During the year 1880-81	276	290	...	14
To end of 1880-81	1,154,429	1,153,755	674	...
Revenue Receipts—				
During the year 1880-81	88,475	84,219	4,256	...
Revenue Expenditure—				
During the year 1880-81	73,113	69,632	3,481	...

The difference of £14 under Capital expenditure during the year 1880-81 is explained to be due to approximate figures having been entered in the Administration Report, while the Finance Accounts contain actuals. The difference under Capital expenditure to end of 1880-81 is partly due to the difference of £14 shown above, and partly to certain adjustments of previous year's expenditure. The difference under Revenue receipts is due to the Administration Report dealing with net revenue from messages earned by the Department for the complete year; while the Finance Accounts bring to account the actual receipts of the year, whether pertaining to the year alone or to previous years. The difference under Revenue expenditure is partly due to adjustments, subsequent to the submission of the Administration Report, and partly to the refund from common purse to other Telegraph Administrations, being treated in the Administration Report as reduction of receipts, while in the Finance Accounts it has been treated as expenditure.

Order.—Ordered, that a copy of this Resolution be forwarded to the Director-in-Chief, Indo-European Telegraph Department, for information and guidance.

Also, that copies of the Report and Resolution be forwarded to the Department of Finance and Commerce, and to the Foreign, Military (Marine), Home, and Revenue and Agricultural Departments for information.

Also, to the Government of Bombay, and to the Director General of Telegraphs in India for information, and to the Publisher of the *Gazette of India*, for publication in the Supplement to the *Gazette*.

Ordered further, that the Report and Resolution be forwarded to the Secretary of State for the information of Her Majesty's Government.

W. S. TREVOR, *Colonel, R.E.*,
Secretary to the Government of India.

No. 279, dated 24th August 1881.

From—Lieut-Col. J. U. Bateman-Champain, R. E., Director-in-Chief, Indo-European Government Telegraph Department,

To—The Secretary to the Government of India, P. W. Dept.

I beg to submit the following Administration Report of the Indo-European Government Telegraph Department for the year ending 31st March 1881, and I class my observations in the same order and under the same general heads as those in last year's statement:—

CAPITAL.

2. In my Report for 1879-80, the Capital Account was stated to be approximately, on 31st March, £1,154,333-0-3, which figure was subsequently corrected to £1,154,153. On the 31st March 1881, the account stood, subject to slight modifications, at £1,154,429-4-9, showing an increase during the year of £276-4-9 to the Capital Account of the Department. Full particulars are given in the Appendix A.

Capital Account, Appendix A.

REVENUE.

3. The receipts during the year amounted to £88,474-12-10 which, compared wtih £81,144-6-11, received during the previous year, shows an increase in 1880-81 of £7,330-5-11, of which sum £7,244-12-9 is due to our increased receipts from the common purse.

Revenue Account for 1880-81, Appendix B.

4. The expenditure of the year was £73,113-2-10, but in order to compare this properly with the previous year's figures, it is necessary to eliminate from that year's expenditure the large abnormal debit, transferred from Capital Account of £26,534-12-10, part cost of the new departmental steamer *Patrick Stewart*. The normal expenditure for 1879-80 is then seen to be £68,175-4-11, showing an increase to expenditure in 1880-81 of £4,937-17-11, the principal items of difference being as follows:—

Expenditure for 1880-81.

	Increase. £	Decrease. £
1. Repairs	3,725	...
2. Establishment	...	753
3. Tools and Plant	...	1,141
4. Cable Steamer and Marine charges	834	...
5. Advertising and Agencies, (2 years)	994	...
6. Stores for Turkish Government, cost since recovered	959	...
7. Public Works charges	181	...
	6,693	1,894

The remaining differences are unimportant.

I should point out that items 5 and 6 are not *bonâ fide* expenditure during the year. The charges for advertising, &c., are for previous years, while the cost of the stores lent to the Turkish Government has since been repaid, so that the real increase was not £4,937-17-11, but £2,984-17-11.

5. The net balance of the year's Revenue Account is £15,361-10-0, and shows an improvement upon last year, allowing for the abnormal entry above referred to of £2,392-8-0.

Net gain on year.

ADMINISTRATION ACCOUNT.

6. The following items, for which I am not authorized to take credit under Revenue, although in fairness due to that account, are—

Extra earnings.

	Rs.
Earnings of *Patrick Stewart*	10,783
Estimated value of *Amberwitch* transferred to Marine Department without charge	40,000
	50,783
	or
	£ 5,078-6-0

This amount if credited to our Revenue Account would increase the balance for 1880-81 to £20,439-16-0, even if the temporary loan to the Turkish Department of £959 be included in the year's expenditure.

7. With regard to the item entered as "Value of the *Amberwitch*," I have already ventured to point out to the Government of India that, in accordance with the order by which the cost of the new ship was actually deducted last year from our departmental earnings, the proceeds of the sale of the old ship were, on the other hand, to be credited. In consequence, however, of the *Amberwitch* having been transferred to another branch of the service and not sold, an inaccurate impression of the real financial results of our working is given by the figures I have to submit.

Transfer of *Amberwitch*.

8. Para. 4 of the Government of India Resolution on my last year's Report clearly lays down that the sale proceeds of the *Amberwitch* will be credited to our revenue, yet by letter No. 2348., Marine Department, dated Simla, 4th May 1881, this ruling is nullified, and the Marine Department obtains for nothing a ship for which this Department paid.

LINES, MAINTENANCE AND REPAIRS.

9. The lines which constitute the Persian Division have been practically unaltered since my last annual Report was submitted. No extensions have been carried out nor are any in contemplation, and the outdoor work of the Inspectors has been confined to repairs.

No change in Persian Division.

10. Lieutenant-Colonel Smith observes that wilful damage to the poles and wires has been only of a trivial nature, not greater than probably occurs on telegraph lines in other countries.

Decrease of wilful damage in Persia.

11. In the Persian Gulf Division owing to the abandonment of our station on the small Island of Henjam and the consequent joining up of the Jashk-Bushire gutta-percha cable, the length of the latter has been very slightly increased. From Fao *viâ* Bushire-Jashk and Gwadur to Karachi the total amount of gutta-percha cable is now 1217·37 nautical miles. The India-rubber cable between Bushire and Jashk measures the same as last year, *viz.*, 498·46; the total of our submarine wires being therefore 1715·83 nautical miles.

Present length of Persian Gulf cables.

12. The annual Report submitted by Mr. Mance, the Engineer and Electrician, contains so much information which may be of great value to all engaged in submarine telegraphy, that I forward it as received with the following general remarks.

Mr. Mance's Report.

13. It will be seen that the eletrical condition of the cables is, as compared with the insulation at the beginning of the year, decidedly satisfactory.

Insulation of cables.

14. There were 12 deep sea faults, 11 of which have been successfully repaired. The twelfth developing itself on the Bushire-Jashk gutta-percha section on the 26th March, just after our repairing vessel, the *Patrick Stewart*, had sailed for

Faults in cables during 1880-81.

Bombay for alterations to diminish her rolling. After much consideration, and acting under the advice of Mr. Ffinch and Mr. Mance, I decided not to recall the ship, but to postpone repairs to the gutta-percha and trust to the India-rubber cable to carry our traffic.

15. Happily the confidence reposed in the latter has been justified by the results, and even when both the cables of the Eastern Company became interrupted in June and July of the current year, the whole of the telegraphic business between Europe and India and the Far East was satisfactorily transmitted by our single India-rubber cable with very little delay indeed.

Remark on recent break of both Eastern cables.

16. The history of the recent unusual pressure on this Department is not, however, to be entered upon here, but will be related in the Report for the year 1881-82.

17. All these 12 deep sea faults except one occurred on the same section of cable and are ascribed to the corrosion of the guard wires causing breaks where the cable happens to rest on uneven ground.

Cause of faults.

18. Mr. Mance's tests for discovering the situation of an interruption have been singularly accurate, the average distance between the calculated and the actual position being only about a quarter of a mile.

Accuracy of tests.

19. During the year under review the (Hooper's) India-rubber cable has given no trouble at all. Its insulation is rather variable owing to the existence of a very minute defect which does not, however, interfere in any way with the working.

Condition of India-rubber (Hooper's) cable.

20. The value of the Brown and Allan relay now regularly used on our main circuit has even exceeded our expectations, and during the past year a formal agreement was entered into with the inventor to allow of our employing as many as we wish over our Persian Gulf Division. Owing to a slight misunderstanding during my absence from England, some delay (referred to in Mr. Mance's Report) took place in shipping the additional instruments wanted, but the difficulty was overcome on my return, and the Department is now completely supplied. Mr. Mance has devised a new system of translation for use with this relay, and has thus increased the signalling speed in a marked degree.

Brown and Allan relay.

21. During the year the new cable factory at Manora was completed, and I was much pleased with the building and with the new machinery when I inspected the place in January last. Fifty-five miles of old cable were thoroughly overhauled and made almost as good as new. The effect of the establishment of these works will be that at a comparatively small annual outlay for wire and taping, we shall gradually renew the cables which are now respectively 18 and 12 years old.

Cable work at Manora-Karachi Harbour.

22. The Mekran Coast land line has been greatly improved by the extended use of the oil insulators introduced by Messrs. Johnson and Phillips. The length of this section is now 680 miles, carrying 1,360 miles of wires, the slight addition to the length of last year being due to a diversion which has been carried out between Karachi and Ormara. Formerly, the line zigzagged up the lofty Malan Cliff close to the sea, and accidents were somewhat frequent and repairs most difficult to effect.

Length of Mekran land line.

23. The route selected by Mr. Newnham, the Assistant Superintendent in charge, after a careful survey of the country, cuts out more than 50 miles of the old line and runs inland. It is slightly longer, but much more accessible than the former route. Mr. Ffinch speaks most warmly of Mr. Newnham's exertions and of the great advantage of the change from the Malan. In order to save expense, the diversion was carried out slowly during three seasons, and almost entirely by the permanent staff employed on the line. Both the Assistant Superintendents on the Mekran Coast Telegraph, Messrs. Newnham and Pierce, have been very assiduous and successful in their labours to improve this important section.

Diversion of land line at Malan Cliff.

INTERRUPTIONS.

24. The winter of 1880-81 was one of almost unexampled severity all over Persia, and, notwithstanding the efforts of our maintenance staff, the interruptions were, in com-

Unprecedented severity of season in Persia.

parison with previous years, numerous and of long duration. In December, large tracts of country, especially in the south, were literally flooded by continuous heavy rain which not only washed down many telegraph poles but made travelling impossible. In the alluvial plain of Persepolis the damage to our line was very serious, and as nearly all the bridges over the narrow deep streams were carried away, repairs to the line were most tedious and difficult to effect. In one place near Bushire the Inspector succeeded in restoring communication through one wire by arranging relays of men to hold up the posts until the water subsided sufficiently to admit of their being replaced. In the case of another break near Shiraz, the Inspector had to open his way at considerable risk through the deep drifts of snow by driving bullocks in front of him. Heavy rains all over Persia were succeeded by snow and hard frost, so that the wires were literally broken down by the weight of the icicles and frozen snow, and it is not surprising that the interruptions to traffic, that is to say when all three wires were disabled, amounted in the aggregate to 7 days 19 hours and 55 minutes. In the previous year they were but 4 hours and 40 minutes. The interruptions of 2 wires amounted to 8 days 12 hours 45 minutes as compared with 2 days 23 hours 24 minutes, and of 1 wire to 19 days 15 hours 21 minutes compared with 13 days 4 hours 9 minutes in 1879-80.

Interruptions in Persia.

25. I can from personal observation assert that the increased interruptions were not due to diminished activity or attention on the part of the staff, nor to decay of the posts or wires, but solely to the disastrous weather which prevailed.

26. In the Persian Gulf through communication was not once interrupted during the year under reveiw. The gutta-percha Bushire-Jashk cable was however broken for 175 days 15 hours, and has in fact only been mended in August 1881. It might have been put right when we pleased, but the alternative India-rubber cable was well able to carry all our business, and as stated above, our vessel, the *Patrick Stewart*, had been ordered into dock at Bombay just as the last cable defect in the Gulf was developed.

Interruptions in Gulf.

27. The Mekran land line was out of order for 169 hours 10 minutes, chiefly in consequence of landslips at the Malan Cliff, which dangerous place is now avoided by the Buzi diversion mentioned in para. 23.

Interruptions on land line, Mekran Coast.

28. The total interruptions to traffic on the Teheran route amounted during 1880-81 to 14 days 18 hours 47 minutes, of which 6 days 22 hours 52 minutes are chargeable to the Indo-European Company's section between London and Teheran, and 7 days 19 hours 55 minutes to our own Persian Section between Teheran and Bushire. The Turkish lines were broken for 147 days 4 hours and 16 minutes.

29. It may therefore be pointed out that, notwithstanding the bad breaks in Persia, the Indo-European "through" line was interrupted in 1880-81 rather less than the preceding year, *viz.*, 14 days 18 hours 47 minutes, as compared with 15 days 14 hours 27 minutes as entered in para. 24 of my last year's Report.

Interruptions on through line somewhat less than last year.

TRAFFIC.

30. The rules and tariffs of the London International Convention came into force on the 1st April 1880, and remained in operation during the year.

London Convention in force.

31. In the tariffs the only alteration affecting India was an increase of 10 centimes to the terminal rate which, having been unsuccessfully applied for at the Rome Conference in 1872 and at the St. Petersburg Conference in 1875, was at length accorded at the London Conference of 1879. To meet this increase in India the British Post Office and the English Companies raised their collection in the United Kingdom from 4*s*. 6*d*. to 4*s*. 7*d*. per word, although the former amount would have sufficed to cover the revised charge of fcs. 5·60. The raising of the collection at the English end of this lines was opposed by this Department, but without success.

Slight change of tariff.

Total revenue.

32. In 1880-81, as stated above, our receipts were £ 88,475 made up as follows:—

	£
Earnings	69,192
Profit from common purse	18,887
Miscellaneous	396
TOTAL	88,475

This is actually the largest revenue to the Department since the rival Suez line was completed.

Remarks on proportion of work done by the two main systems.

33. Although the earnings, £ 69,192, are some £ 5,000 in excess of those of last year, the proportion of messages carried by the Department has not kept pace with the business done *viâ* Suez. The Eastern Company have one enormous advantage over ourselves in the circumstance of their owning special offices in Liverpool and Manchester besides those in London, with wires from those important cities to the metropolis. The conveniences thus offered to the mercantile public are great, and since the close of the year under review, the whole question has been carefully considered by the Indo-European Company and myself, and with the approval of the Secretary of State, measures will shortly be adopted which will, we hope, tend to improve our earnings and lessen the profit we now derive from the joint purse.

34. Last year we earned 80 per cent., this year 78 per cent., of our total revenue.

Remarks by Mr. Brasher.

35. In relation to this question of why the Red Sea line succeeds in obtaining more than its former share of the public patronage, Mr. Brasher, after enumerating several reasons, observes that "the Eastern Company's Association with the Extension Company is so close that the latter gives it practically all the Far East traffic. The Indian Government having from the outset granted to the Extension Company the privilege of an unconditional free label across India, the Extension Company takes advantage of it to label all its traffic *viâ* Suez. By International rules, it is the senders of the telegrams who ought to place the labels on their messages, the Administrations having only the reversion of this right if the senders fail to make use of it.

"I do not know what was the intention of Government in granting the free label to the Extension Company, without a guarantee that it must be written by the senders and at their own free will; but in the days of our strongest competition with the Eastern Company, conclusive evidence used to be laid before the Indian Telegraph Department that residents in the Far East were not allowed the power to label their homeward messages by any other than the Eastern route. No effective action was, however, apparently taken on this evidence, and the same state of things still exists up to the present day.

"The fact of messages coming home from the Far East *viâ* Suez, leads to messages going out to the Far East *viâ* Suez, and the quasi-monopoly of the Far East traffic thus secured to the Eastern Company has given to that Company a great deal of Indian traffic also, for merchants and banks doing business with India and beyond naturally prefer to send all their messages by one route and so avoid multiplying their accounts. The remedy, so far as practicable, would be for Government to withdraw the right of way across India for the label on Far East messages except where it was added by the sender. Free transmission should apparently be for the public label only, and not for that of the Extension Company. Messages not labelled by the public should be sent home from India by the route working best, in accordance with Reg. XXXVIII of the London Convention.

"As its association with the Extension Company's lines beyond India gives the Eastern Company an enormous advantage in the East, so the possession of Branch Offices at Manchester and Liverpool, with special wires to London, gives it the bulk of the provincial traffic of the United Kingdom, for no merchants will use the omnibus lines of the Post Office where special wires exist and are available for their service.

"The only means of recovering our share of the provincial traffic of the United Kingdom will be for the Indo-European route also to rent special wires to Manchester and Liverpool, and this is being done."

36. It may be interesting to note that prior to the establishment of the Indo-European and the Eastern Companies in 1870 when the entire traffic passed by the lines of this Department and across Turkey, the average number of paid words per annum was about 755,000.

Number of paid words which passed during year.

37. The number, counting the traffic *viâ* the Persian Gulf and *viâ* the Red Sea combined, has increased to 3,187,211 during 1880-81, of which 2,303,721 were transmitted by the Eastern Company and 883,490 by ourselves. There were besides messages between the several Gulf stations, between Persia and Turkey, &c., which are distinct from the joint purse messages and which raise the total number of paid words from 883,490 to 924,292.

38. During the year moreover 612 Government press messages or 43,851 words of the net value of Rs. 38,369-12 were despatched from Karachi to the Resident at Bushire without charge to Government.

39. Mr. Herbage in his Report gives the following table of the annual growth of the traffic over the Gulf cables during the past four years which shows that since 1877-78 there has been the very substantial increase in—

	Per cent.
Messages	70½
Number of words	55½
Net receipts	74
Gross value	79

Year.	Number of messages.	Containing words.	Net receipts to the Persian Gulf Section.	Gross value of traffic.
			Rs. A. P.	Rs. A. P.
1877-78	29,363	601,523	3,72,672 8 0	9,04,949 14 0
1878-79	35,645	701,826	4,46,070 14 0	10,97,976 3 0
1879-80	42,487	872,796	6,01,023 4 0	13,97,687 1 0
1880-81	50,059	924,292	6,48,080 4 0	16,19,846 11 0

Speed of transmission.

40. The mean rate of transmission between London and Karachi was highly satisfactory: the average time occupied being precisely the same as last year, *viz.*, 39 minutes; the time between London and Calcutta *viâ* Teheran was 1 hour 18 minutes against 2 hours 22 minutes *viâ* Suez where the traffic was, as already stated, much heavier.

Irregularity of the working *viâ* Turkey.

41. The working *viâ* Turkey has been irregular and unsatisfactory as compared with that of last year. This may be accounted for in great measure by the severity of the winter and the heavy floods between Baghdad and Bussorah.

Accuracy of the signalling.

42. The accuracy of the signalling has been decidedly good. The errors made on the Persian Gulf Section were 0·301 per cent. of the words transmitted. Lieutenant-Colonel Smith's return for Persia has not been made out on a correct principle: errors classed as "extremely trivial" not having been noted at all. I have drawn Colonel Smith's attention to this matter and have instructed him in future to enter *every* mistake, no matter how insignificant in appearance.

Remarks by Mr. Herbage.

43. Mr. Herbage concludes his annual letter as follows:—

"The Report for 1879-80 showed most satisfactory results in traffic, speed and accuracy, and although during the year under review our transactions have not developed in the same proportion as in the preceding year, yet they are in all particulars favourable and progressive, and may be briefly summarized under one head."

INCREASE.

	1880-81 compared with 1879-80.	1879-80 compared with 1878-79.	Total increase for past 2 years.
Number of messages	17¾ %	19 %	36¾ %
Number of words	6 %	24 %	30 %
Net receipts, Persian Gulf Section	7¾ %	34 %	41¾ %
Gross value of traffic	23 %	27 %	50 %

Objection rather generally entertained to one of the new Convention Rules.

44. Under this heading "Traffic" I may allude briefly to one of the new rules of the London Convention which is considered faulty by the Indian Department and my own. I refer to Reglement XIX relating to rectifying messages. It would be inconvenient to enter fully into the matter here, and I will content myself with stating that I am now in communication with the Indian Department and the London Companies on the subject, and I hope some method may be devised of removing the difficulty which at present certainly exists.

INSPECTIONS, &c.

Lieutenant-Colonel Smith's inspections in Persia.

45. At the beginning of the year Lieutenant-Colonel Smith, the Director, had just returned from his inspection of the lines between Teheran and Bushire, and in the autumn he accompanied me again, returning to his head-quarters in January 1881. Mr. Ffinch visited the Mekran land line and its stations in September 1880, and subsequently in January he and I inspected all the cable and land line offices from Fao to Karachi.

Mr. Ffinch in Persian Gulf.

Mr. Palmer's inspection of the Head Office at Karachi.

46. During the year Mr. Palmer, the Examiner of Telegraph Accounts, was good enough to visit Karachi at my request, and he examined very closely the system of accounts and the various forms in use. He suggested some valuable modifications of the latter and since his inspection, we have been able to do away with a considerable amount of clerical work at the Gulf head-quarters. Mr. Palmer afterwards informed me that he was much pleased with the way in which the work was carried on at Karachi.

Journeys of Director-in-Chief during 1880-81.

47. My own journeys during 1880-81 were as follows:—In May I received orders from the Secretary of State to proceed to Constantinople to re-open negotiations with regard to the Fao line of telegraph. The idea was to work the wire which connects Constantinople with the Persian Gulf cable at the cost of the joint purse. Difficulties, however, arose soon after I had commenced talking the matter over with the Turkish Director General, but they were by no means raised by the latter. The English Companies who are with this Department parties to the joint purse, withdrew their consent to aid in the project unless certain terms (which had no direct connection with Turkey) were granted them by the Government of India. These terms not being considered reasonable, it was decided that I should abandon the attempt, and I accordingly returned to London at the end of July.

48. In October I started once again for Teheran travelling out by Russia and the Caspian Sea. On this occasion, instead of landing at the usual port of disembarkation, Enzelli, I left the steamer at Meshed-i-Sar, considerably further east than the former place, having availed myself of the opportunity of seeing the Russian stations of Krasnovodsk, Chikishlar and Ashouradeh on my way.

49. A full account of my journey was addressed to the Under Secretary of State on the 22nd April 1881, and a copy forwarded to you on the 27th with my note No. 190.

50. It will therefore be unnecessary for me to describe my inspection at any length in this Report.

51. Colonel Smith marched with me from Teheran on the 21st November, and we continued our travels in company along the line until the 28th December. A severe attack of illness brought on by the cold and wet obliged Colonel Smith to turn back when nearly at the end of the journey. On the 31st I succeeded, after some difficulty, in reaching Bushire.

52. Here I was met by Mr. Ffinch and the cable steamer *Patrick Stewart*, and I visited all the offices at Fao-Bushire, Henjam (then being dismantled), Jashk, Charbar, Gwadur and Ormara, eventually reaching Karachi on the 18th January 1881. Thence I proceeded to Calcutta, where I remained about a fortnight, during which time I had the honor of fully discussing with yourself the several matters connected with this Department which required consideration. I then returned to England, where I arrived on the 10th March.

ESTABLISHMENTS.

Changes effected in Persian staff.

53. In Persia some changes in the Establishment were made during the year. Lieutenant Wells, R.E., was appointed Assistant to the Director, and the two Superintendentships were done away with. On this point Lieutenant-Colonel Smith writes as follows:—

Lieutenant-Colonel Smith's observations.

"In the old arrangement the line was divided into two Divisions, each under a Superintendent, who had charge both of the line maintenance and of the offices, and who

prepared and submitted all the accounts of the Division. The local traffic accounts and checking of messages were specially provided for in the budget. The survivor of the two Superintendents, Mr. Daniell, having become supernumerary, as specially sanctioned by Government, I gave him, under the new organization, charge of all the expenditure accounts, also of the local traffic accounts and the checking of messages. Each expending officer keeps an imprest account, and one general account of expenditure for the whole Department is prepared by Mr. Daniell, and submitted monthly to the Examiner of Telegraph Accounts. The line maintenance is placed under the Assistant Director, and the offices under the Assistant Superintendents. The new organization will, I have every reason to believe, work well."

54. In the Gulf Division no changes worthy of special remark were introduced during the year. Some reductions were made as soon as Henjam Station was closed, and proposals for further economies have been submitted for the approval of Government.

DEPARTMENTAL STEAMERS.

Improvements in the *Patrick Stewart*.

55. The cable steamer *Patrick Stewart* has, as shown in Appendix D, been very busy throughout the year. I spent 14 or 15 days on board in January, and was exceedingly well pleased with the vessel's accommodation and equipment. As I have had occasion to report to the Government, the excessive rolling in a cross sea was the great defect of the ship, and I am now happy to state that the measures adopted by the Bombay Marine authorities have completely fulfilled their object, and I learn from Captain Bishop that the ship is now perfectly steady and comfortable.

56. The *Amberwitch* was transferred to the Marine Department, and the steam barge *Rose*, no longer wanted, was sold to the Karachi Harbour Board for Rs. 10,000.

STORES.

Expenditure of material in the Persian Gulf.

57. During the year 1880-81 very little was expended in Persia under the head of Stores. But, owing to the great number of interruptions on the cables, an unusual quantity of material was used in the Gulf Division.

At the close of the previous year —

	Rs.
The balance of stores in hand was	2,56,652
The receipt during the year 1880-81	47,034
TOTAL	3,03,686
The issues amounted to	1,11,652
Leaving a balance of	1,92,034

to be carried forward on the 31st March 1881. Including the outlay of cable on the Henjam Diversion, 47·11 knots of gutta-percha cable were laid during the year and 2·54 of India-rubber, leaving a stock in hand of 41·94 knots gutta-percha and 14·77 India-rubber.

Remarks on recent breaks of both the Eastern cables. These, however, occurred in 1881-82.

58. The conduct of the staff has been, generally speaking, excellent, and I shall on a future occasion point out how well the duties of the Department were carried on during the recent interruption of the Eastern Company's system. One of that Company's cables was broken early in June 1881, and, not long afterwards, the second was also interrupted, so that the whole of the traffic between India and the West was for a time thrown on our lines. Notwithstanding the fact that one of our cables was out of order at the same time, the work of some 700 to 800 messages per diem was carried on by the remaining single conductor with gratifying efficiency. Much credit for these results is due to Captain Gabler, acting for Mr. Ffinch, and especially to Mr. Mance.

Conduct of staff.

59. Lieutenant-Colonel Smith, R.E., in Persia and Mr. Ffinch in the Persian Gulf, with their Assistants, have performed their duties during the past year in a thoroughly satisfactory way, while Mr. Mance and Captain Bishop have been almost constantly engaged in the arduous work of cable repairs. To all these officers as well as to Mr. Brasher, to Mr. Herbage, and their Assistants, my thanks are due for the results above set forth, which show, I think, that the history of 1880-81 has been the most encouraging, so far, in the annals of the Indo-European Telegraph Department.

APPENDIX A.

INDO-EUROPEAN GOVERNMENT TELEGRAPH DEPARTMENT.

Summary of Expenditure on Capital Account to 31st March 1881 (prepared partly from telegrams).

	In India.	In England.	Total.	£ s. d.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	
Total Capital expenditure to 31st March 1880, as per Home accounts, page 43 ...	...	...	...	1,154,153 0 0
" " from 1st April " to 31st March 1881:—				
Persian Gulf Section—				
Works				
On account first cost cable steamer *Patrick Stewart*	(*a*) 8,843 1 10	.....	**8,843 1 10**	
Balance of Suspense heads "Advances" and "Sales" charged off	18,743 4 5	(*b*) 3,855 15 4	3,855 15 4	
		.....	18,743 4 5	
Expenditure of the Public Works Department (by telegraph)	9,900 2 7	3,855 15 4	13,756 1 11	
	5,929 0 0	.....	5,929 0 0	
TOTAL PERSIAN GULF SECTION	15,829 2 7	3,855 15 4	19,685 1 11	
Persian Section—				
Balance of Suspense heads "Advances" and "Sales" charged off	3,042 11 1	.....	3,042 11 1	
TOTAL INDO-EUROPEAN TELEGRAPH	18,871 13 8	3,855 15 4	22,727 13 0	
Deduct—Receipts—				
Recovery from Indo-European Telegraph Company 10th instalment of Persian debt	.....	19,860 10 8	19,860 10 8	
Recovery from Paymaster General, Admiralty, on account of *Patrick Stewart* percentage on incidentals overcharged in account	.....	104 12 0	104 12 0	
	.....	19,965 6 8	19,965 6 8	
	18,871 13 8	**16,109 7 4**	2,762 6 4	276 4 9
				1,154,429 4 9

(*a*).—Sale proceeds, barge *Rose*, Rs. 10,000, works Rs. 1,156-14-2.
(*b*).—Canal dues, &c., debited in Home account, December 1880.

J. U. BATEMAN-CHAMPAIN, *Lieut.-Col., R.E.,*
Director-in-Chief.

LONDON OFFICE,
25th August 1881.

APPENDIX

INDO-EUROPEAN GOVERNMENT

Dr. *Revenue Account from 1st April 1880 to 31st* **Cr.**

To Traffic earnings 1st April 1880 to 31st March 1881—

	In Persian Gulf Section.	In Persian Section.	Total.	£ s. d.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	
Net earnings on Indian, Trans-Indian and local traffic including profit on mean rates, *vid* Turkey .	6,25,044 11 10	66,877 9 4	6,91,922 5 2	
= £	62,504 9 5	6,687 15 2	69,192 4 7	
Credited to Common Purse .	51,181 1 3	6,053 16 6	57,234 17 9	
Balance { Net Revenue .	519 5 10	159 12 6	678 18 4	
Balance { Exchange* .	10,804 2 4	474 6 2	11,278 8 6	
To Traffic receipts from Common Purse—				
	£ s. d.	£ s. d.	£ s. d.	
Share of Department in Eastern Company's receipts	49,325 15 6	5,836 2 7	55,161 18 1	
Share of Department in Indo-European Company's receipts . .	10,452 9 3	1,236 14 4	11,689 3 7	
Share of Department in own receipts . . .	8,444 19 10	999 3 11	9,444 3 9	
	68,223 4 7	8,072 0 10	76,295 5 5	
Less—				
Credits to Companies for interruptions to Turkish line	155 7 1	18 7 7	173 14 8	
Total share of Common Purse . . .	68,067 17 6	8,053 13 3	76,121 10 9	
Total Traffic receipts .	79,391 5 8	8,687 11 11	88,078 17 7	88,078 17 7
To Miscellaneous receipts—				
	In England.	In India.	Total.	
	Rs. A. P.	Rs. A. P.	Rs. A. P.	
Persian Gulf Section . .	1,968 15 8	...	1,968 15 8	
Persian Section . . .	1,988 10 4	...	1,988 10 4	
	3,957 10 0	...	3,957 10 0*	395 15 3
				88,474 12 10

* Due (1) to the collection in India of 8 annas for 1 franc, the Conventional tariff unit, and (2) to the conversion of Indian currency into sterling at the rate of Rs. 10=£1.

London Office,
[illegible] August 1881.

B.

TELEGRAPH DEPARTMENT.

March 1881 (prepared partly from telegrams).

By Expenditure 1st April 1880 to 31st March 1881—

	In India.	In England.	Total.	£ s. d.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	
Persian Gulf Section—				
Repairs . . .	95,864 8 5	...	95,864 8 5	
Establishments . .	2,98,640 7 5	8,353 15 4	3,06,994 6 9	
Tools and Plant . .	17,582 6 3	...	17,582 6 3	
Cable Steamer . .	52,964 10 11	...	52,964 10 11	
Profit and Loss . .	...	...	...	
Stores	40,899 2 0	25,465 11 4	66,364 13 4	
Share of Chief Direction, London and Constantinople Offices . .	...	28,846 12 1	28,846 12 1	
Share of advertizing and agencies (2 years) .	...	6,626 14 8	6,626 14 8	
Stores for Turkish Government (recoverable) .	...	9,594 10 8	9,594 10 8	
Marine Department—	5,05,951 3 0	78,888 0 1	5,84,839 3 1	
"Patrick Stewart" .	*47,745 0 0	...	47,745 0 0	
Stores	*2,222 0 0	...	2,222 0 0	
Public Works Department—				
Repairs . . .	*3,681 0 0	...	3,681 0 0	
	5,59,599 3 0	78,888 0 1	6,38,487 3 1	
Deduct—				
Credits to Suspense heads "Stores" . . .	1,17,495 11 11	...	1,17,495 11 11	
Value of stationery received without charge.	*335 0 8	...	335 0 8	
	1,17,830 12 7	...	1,17,830 12 7	
	4,41,768 6 5	78,888 0 1	5,20,656 6 6	52,065 12 10
Persian Section—				
Repairs . . .	4,826 0 9	...	4,826 0 9	
Establishment. . .	1,84,944 0 10	931 14 0	1,85,875 14 10	
Tools and Plant . .	1,206 12 9	...	1,206 12 9	
Stores	2,317 1 9	...	2,317 1 9	
Share of Chief Direction and London Office .	...	12,706 2 7	12,706 2 7	
Share of advertizing and agencies (2 years) .	...	3,313 7 4	3,313 7 4	
Deduct—	1,93,294 0 1	16,951 7 11	2,10,245 8 0	
Value of stationery received without charge.	*118 10 0	...	118 10 0	
	1,93,175 6 1	16,951 7 11	2,10,126 14 0	21,012 13 9
By Profit and Loss—				
Balance of unsettled traffic accounts for 1877-78 written off to Loss by authority of Secretary of State for India				84 16 3
By Balance being excess of receipts over expenditure				15,361 10 0
				88,474 12 10

* Figures received by telegraph.

J. U. BATEMAN-CHAMPAIN, *Lieut.-Col., R.E.,*
Director-in-Chief.

APPENDIX C.

INDO-EUROPEAN GOVERNMENT TELEGRAPH DEPARTMENT.

List of total interruptions to through traffic on the Teheran route in 1880-81.

Total interruptions to through traffic on the Constantinople-Karachi Sections of the Turkish route during the year 1880-81.

Date.	Indo-European Company's Section. London-Teheran.	Indo-European Departmental Lines. In Persia.	Indo-European Departmental Lines. In Persian Gulf.	Total.	Remarks.
	Days H. M.	Days H. M.	Days H. M.	Days H. M.	
April 1880	0 6 9	...	...	0 6 9	
May „	0 1 17	...	...	0 1 17	
June „	0 23 41	...	...	0 23 41	
July „	0 3 48	...	...	0 3 48	
August „	1 7 41	...	...	1 7 41	
September „	0 1 9	...	...	0 1 9	
October „	0 23 26	...	...	0 23 26	
November „	0 10 9	...	...	0 10 9	
December „	1 5 54	4 17 42	...	5 23 36	
January 1881	0 9 24	...	...	0 9 24	
February „	0 6 12	2 19 43	...	3 1 55	
March „	0 20 2	0 6 30	...	1 2 32	
	6 22 52	7 19 55	...	14 18 47	
Comparison with preceding 2 years.					
1878-79	9 3 53	1 14 20	...	10 18 13	
1879-80	15 9 47	0 4 40	...	15 14 27	

Date.	Constantinople-Fao Section.	Fao-Karachi Section.	Remarks.
	Days H. M.	Days H. M.	
April 1880	11 12 54		
May „	24 7 2		
June „	23 6 15		
July „	7 0 39		
August „	6 15 42		
September „	10 17 54		
October „	3 21 40		
November „	12 5 40		
December „	23 0 47		
January 1881	8 1 37		
February „	7 20 15		
March „	8 13 57		
	147 4 16		
Comparison with preceding 2 years.			
1878-79	48 9 56		
1879-80	43 11 56		

J. U. BATEMAN-CHAMPAIN, *Lieut.-Col., R.E.,*
Director-in-Chief.

LONDON OFFICE,
19th July 1881.

APPENDIX D.

The work done by the *Patrick Stewart* during the year is detailed below—

Date. From			Date. To			Particulars.
April	1,	1880	April	15,	1880	Proceeded to Persian Gulf and repaired fault in the Henjam-Bushire Section of the India-rubber cable. Returned to Karachi.
„	16,	„	„	27,	„	Lying at Karachi.
„	28,	„	May	1,	„	On passage to Bombay, carrying stores and passengers.
May	2,	„	„	3,	„	Discharging stores and passengers.
„	4,	„	„	14,	„	Docked for scraping, painting ship's bottom, drawing stores. Hauled out of dock.
„	15,	„	„	21,	„	Employed in taking in iron ballast, Government stores, specie, &c.
„	22,	„	„	25,	„	On passage to Karachi.
„	26,	„	July	6,	„	Lying at Karachi.
July	7,	„	„	16,	„	Proceeded to Persian Gulf and repaired fault in the Jashk-Henjam Section of the gutta-percha cable. Returned to Karachi.
„	17,	„	Sept.	10,	„	Lying at Karachi.
Sept.	11,	„	„	29,	„	Proceeded to Persian Gulf and repaired 3 faults—one in the Jashk-Henjam Section and two in the Henjam-Bushire Section, also carrying stores and passengers to the stations. Returned to Karachi.
„	30,	„	Oct.	31,	„	Lying at Karachi.
Nov.	1,	„	Nov.	3,	„	On passage to Bombay, carrying stores, troops, followers, passengers and mails.
„	4,	„	„	12,	„	Discharging stores, &c. Hauled into dock, cleaning and painting the ship's bottom, drawing stores, &c.
„	13,	„	„	14,	„	Hauled out of dock. Coaling and preparing for sea.
„	15,	„	„	20,	„	On passage to Karachi *viâ* Pusnee and Ormara, bringing the Deputy Director from Pusnee.
„	21,	„	Dec.	4,	„	Lying at Karachi, taking in cable, stores, &c., preparatory to leaving for the Persian Gulf.
Dec.	5,	„	Jan.	18,	1881	Proceeded to Persian Gulf with the Deputy Director on annual tour of inspection and reliefs for stations. Repaired Henjam-Bushire Section of cable. Proceeded on special duty to Behrein with the Political Resident in the Persian Gulf. Proceeded to Fao with the Director-in-Chief and returned to Karachi, calling at all the stations.
Jan.	19,	1881	Feb.	7,	„	Lying at Karachi.
Feb.	8,	„	„	24,	„	Proceeded to Persian Gulf; repaired one section of cable and carried out the Henjam diversion; returned to Karachi calling at Jashk for passengers.
„	25,	„	Mar.	11,	„	Lying at Karachi, removing cable gear, &c., preparing to proceed to Bombay. Refitting ship to proceed to Gulf to repair cable.
Mar.	12,	„	„	17,	„	Proceeded to Persian Gulf, and repaired Gwadur-Jashk Section of gutta-percha cable; returned to Karachi.
„	18,	„	„	20,	„	Lying at Karachi, receiving in stores, &c.
„	21,	„	„	23,	„	On passage to Bombay, carrying stores, troops, &c.
„	24,	„	„	31,	„	Discharging stores, &c., awaiting admission into dock for repairs and alterations (which took place 21st April).

J. U. BATEMAN-CHAMPAIN, *Lieut.-Col., R.E.,*
Director-in-Chief.

The 25th August 1881.

APPENDIX E.

ADMINISTRATION REPORT, 1880-81.

The Engineering staff has been as fully occupied in repairing the cable both on shore and at sea as during the preceding year. The number of faults removed from the cable during deep sea repairs is exactly the same as in

1879-80, but there has been in addition the diversion of the cable from the Henjam Station, and an amount of work at Manora far in excess of that carried out during any previous year.

FAULTS.

2. The total number of faults which occurred during the year on all sections of the cable was—

12 deep sea faults,
and
4 faults in harbour and camp cables.

3. The faults in the Karachi Harbour cables require but little comment. Three were caused by the perishing of the gutta-percha core in dry ground and one by a bugla anchoring close in shore, and fouling the cable with her grapnel. These faults were repaired without difficulty, and required only a trifling expenditure of cable.

4. The whole of the deep sea faults were caused by corrosion of the guards at points where the cable rested on an uneven bottom. In the majority of cases the core of the cable has gradually stretched at a weak place in the iron sheathing until the copper conductor has parted inside the percha. This is a description of fault with which we are now tolerably familiar. Wherever these interruptions occur, it is invariably noticed that the cable has only been touching the ground at intervals of from ten to thirty yards. The growth of marine life *round* the cable proves this conclusively. As a general rule, these irregularities in the bottom are extremely shallow, and the strain on the cable necessary to prevent it resting fairly on the bottom must therefore have been considerable. As wire after wire of the outside guards perishes by the corrosion which always takes place when the cable is not resting in the mud, the remaining wires straighten themselves out under the strain, and the core must of necessity stretch to accommodate itself to the elongation of the outer covering. If the strain on the cable as it rests at the bottom does not exceed three hundredweights, no fracture will occur unless the cable is exposed to some chafing action, but should the strain approach four or five hundredweights, the core, directly it loses the support of the iron guards, must either stretch or break. A length of two or three feet will stretch as much as four or five inches before the copper conductor parts, and after this occurs, the percha will occasionally stretch for two or three inches additional before giving way. This being the case, it may easily be understood that many such weak places might exist at which the tension has been relieved and reduced below the breaking strain by a slight elongation of the core, and, if at such points, no chafing action subsequently occurs, the cable, either imbedded in mud or protected by a growth of shell fish, may remain without further injury for an indefinite period.

INTERRUPTIONS.

5. The following interruptions have occurred on the various sections during the past year:—

Fao-Bushire.—Communication always perfect.
Bushire-Jashk (India-rubber).—Communication always perfect.
Gwadur-Manora.—Communication always perfect.
Jashk-Gwadur.—Interrupted 6 days 19 hours.
Bushire-Jashk (old gutta-percha).—Interrupted 175 days 15 hours.

6. The latter length includes what was formerly designated the Bushire-Henjam and Henjam-Jashk sections. The number of faults which occurred in this section was eleven (the same as during the previous year). But the unusual length of time during which this cable has been interrupted is due chiefly to the fact that, to avoid the necessity for such frequent repairing expeditions, the work was occasionally deferred for a while to enable two or more faults to be removed during the same trip. The last interruption occurred a few days before the end of the official year, and this fault, which is in the neighbourhood of Mussendom, still exists in consequence of the cable ship *Patrick Stewart* being under alterations in Bombay and not available for work. One

line, however, is, and has always been, in perfect order during interruptions on the alternative section, and no stoppage of traffic has occurred on the cables during the year. As a matter of fact, perfect communication between Karachi and Bushire has now been maintained continuously on the Persian Gulf Line for upwards of thirteen years.

7. As the Bushire-Jashk cable is now, in consequence of the extensive diversion carried out in February last, altogether removed from the island of Henjam, in the vicinity of which the ground has proved to be very unfavorable for a cable, it is to be hoped that interruptions on this circuit will be less frequent in future.

REPAIRS AND DIVERSIONS.

8. The twelve deep sea faults necessitated nine distinct repairing operations in the execution of which and carrying out the diversion of the Henjam cable the engineering staff made six journeys with the repairing vessel *Patrick Stewart*, traversing during the year over 9,000 miles and being absent from headquarters 82 days. The particulars of the various repairs are shown in Appendix B, to which the following details may be added with advantage:—

	Knots.
The average difference between the assumed and actual position of the faults was	·25
Average extent of cable disturbed during the year in repairing each fault	2·25
Average amount of cable expended from stock in the removal of each fault	2·40
Average amount, each repair, of old cable left on the ground unrecoverable	·45
Average amount, per fault, of good cable recovered fit for re-use at sea	·55
Average, per repair, of cable recovered useless for sea work and only fit for stripping for sake of core	1·25
Average quantity of good core in long pieces recovered, per fault	·30

Much of the cable recovered during the Henjam diversion had only been down a short time, and is consequently fit for re-use at sea.

9. The average amount of cable disturbed to repair each fault during 1879-80 was 1·79 knots; during 1880-81 the average was 2·25 knots, and this will probably increase with succeeding years, as the increasing age of the cable will render it advisable to make more extensive renewals than formerly at every repair.

HISTORY OF THE CABLES DURING 1880-81.

Fao-Bushire, 152·61 knots.

10. This section has given no trouble whatever, and its insulation remains unaltered.

BUSHIRE-JASHK (GUTTA-PERCHA CABLE).

504·19 knots.

11. This cable, at the time of the last annual Report, was divided at the island of Henjam, into two sections, designated the Bushire-Henjam and Henjam-Jashk cables; their lengths being respectively 362·1 and 142·71 knots. On the 11th December the island was abandoned as a telegraph station, and the cables joined direct a short distance from the beach, thus cutting off the station from telegraphic communication. During the month of February the course of the cable was diverted to the southward of the island in order to avoid the unfavorable ground in the immediate vicinity of the station, where frequent interruptions have occurred. About 8 miles of cable to the eastward of Henjam and 12 miles to the west were picked up during the diversion, and 18 miles expended from stock to relay the line by a more direct route to the southward of the island. As a good deal of the cable recovered will be fit for re-use after repair, the diversion may be considered as having been effected without any cost to Government. The station of Henjam was useless so far as any assistance to the working of the cables is concerned, while, looked at from an engineering point of view, the removal of the cable to better ground will be a decided benefit. One fault existed in this section at the commencement of the year, and one now remains unrepaired in consequence of the absence of the

repairing steamer, but eleven fresh defects occurred during the year 1880-81, six being to the east of Henjam and five to the west towards Bushire. Notwithstanding the numerous repairs, the insulation of this section, just previous to the development of the last fault, stood at 215 megohms per knot, being a little higher than the combined insulation of the two sections during the corresponding month for 1879-80.

BUSHIRE-JASHK (INDIA-RUBBER).

498·46 knots.

12. No repairs have been necessary in connection with this section. Its insulation, although usually equal to that of the gutta-percha sections, is variable in consequence of the existence of a very minute defect, too small to be localised or to interfere in any way with the working.

JASHK-GWADUR (GUTTA-PERCHA).

272·01 knots.

13. This section was interrupted for six days in consequence of a fault which occurred off Charbar. As the alternative circuit (the land line) was in good working order during this period, no stoppage to traffic occurred. The cable at this part of the line appeared in fair order excepting near the locality of the fault where the ground appeared uneven.

GWADUR-MANORA (GUTTA-PERCHA).

270·56 knots.

14. No repairs have been necessary in this section.

HARBOUR CABLES, Nos. 1, 2 AND 3.

15. But four faults have occurred during the year. Some repairs to the camp cables having become necessary under the Sind, Punjab and Delhi Railway near the Karachi Office, advantage was taken of the opportunity to lengthen the iron piping put down some years ago under the original line of rails. Since that time the width of the railway at this point has nearly doubled in consequence of the addition of sidings. To reach the cables it was necessary to open a trench under the rails ten or twelve feet deep. To avoid this tedious operation in future, the pipe has been lengthened and the two ends brought just beyond the limits of the railway. Lengths of core have been substituted for cable and fresh pieces can be inserted in a few hours, whenever necessary, by simply opening the ground at each end of the pipe, which at these points is within two feet of the surface.

16. The other work done in connection with these cables has been unimportant.

CABLE LAND LINES.

17. Communication between the cable houses and offices is now generally maintained through the land lines insulated with Johnstone and Phillips fluid insulators, and carefully protected with lightning guards. It is proposed also to erect short land lines over such sections of the Manora cables, where it is impossible to avoid the dry sand in which cable rarely lasts more than three or four years. These short highly insulated land lines have hitherto answered very well in connection with the line and give much less trouble than the under-ground cables laid in dry soil between the offices and cable houses. If eventually the land lines are found unsatisfactory in consequence of atmospheric disturbances, it will be advisable to substitute a system of leads conducted through pipes which can always be kept filled with water in the manner recommended by Mr. Latimer Clark.

18. A new form of cable house has been adopted on the West Bay at Gwadur; instead of being buried outside, the slack cable is coiled in a well to which the sea water has access immediately under the flooring, so that the ends can be cut at any time without any trouble.

19. Attention has been given to the improvement of the lightning guards and a new form of lightning guard clamp has been designed, less liable to damage in exposed positions than the present platinum spirals.

ELECTRICAL-WORKING TESTING.

20. No change has been made in the system of testing the lines. The positions of faults have been determined with accuracy, and the electrical condition of the cable compares on the whole satisfactorily with its insulation at the date of the last annual Report (Appendix C). The Brown Allan relay has been in continuous use on the main circuit throughout the year, and has given every satisfaction. It is to be regretted that more of these valuable instruments have not been available for work, as two are urgently required for the second cable between Bushire and Jashk.

21. The question of Duplex telegraphy for the Persian Gulf cables has again been carefully considered and fully reported on, but in consequence of the traffic being mostly in a continuous stream in one direction at the same time, it has been considered advisable for the present to devote our attention more particularly to increasing the speed of our ordinary direct working. A new system of translation, especially adapted to the requirements of the Brown Allan relay, has been designed to provide for the contingency of our being obliged to increase the working capacity of the line by the introduction of translation at Jashk; and as soon as additional relays are supplied, the carrying capacity of the line will be considerably increased.

EXPENDITURE OF CABLE AND CABLE IN STOCK.

22. The usual statement of cable in stock is given in Appendix D. Our shore end cable in hand has increased to 9 miles in consequence of the recoveries during the Henjam diversion. The reserve of main cable has decreased 22·19 knots, leaving only 30 8 miles of cable in stock. As nearly the whole of this has been either submerged or in the tanks at Manora for more than 17 years, it cannot be expected to be in very good condition. Re-serving it with Johnson and Phillips taping has strengthened it to a certain extent and enabled us to handle it with great facility, but it contains many joints, numerous splices, hundreds of petty repairs, and the sooner it is laid the better. The quantity of short pieces in hand has also decreased considerably, 4·38 knots of the best having been selected and carefully repaired to form a portion of the Henjam diversion, in the laying of which plenty of slack was allowed, and no strain whatever put upon the cable. The stock of good India-rubber cable remains the same, there having been no work in connection with this section, but some short pieces which tested bad, and of which the sheathing was in very indifferent condition, have been condemned and struck off charge.

23. During the repairs of the twelve faults, 28·64 knots of cable were laid, and as a set-off, 6·54 miles of the cable picked up was fit for re-use, showing a net expenditure on account of repairs during the year of 22·1 knots.

24. In carrying out the Henjam diversion the amount of fairly good main cable recovered about equalled that expended from stock, while the 4·38 knots of short pieces expended have been replaced by the much more valuable shore end cable now brought on charge as recovered during the diversion.

MANORA.

25. A very convenient cable factory has been erected during the year, and the cable machinery obtained from England for the purpose of re-serving the core of our present cable with new iron sheathing has been erected in readiness to commence the manufacture of new cable. This work will be taken in hand as soon as the examination, repair and taping of all the old cable on hand is completed. The taping machinery, which binds together and strengthens old cable by the application of a double serving of tarred tape, has been in

active work, upwards of 55 miles having been re-served during the year. The introduction of this machinery has proved of the greatest value; but for its assistance many miles of old cable would have been lost, as, in consequence of its increasing age, it becomes impossible to handle it without developing fresh defects at every weak place in the iron guards. The serving of tarred tape prevents this in a very great measure, and the cable passes over the paying out drum without injury. It must be remembered that, although wanting in the strength of new cable, our old stock, once safely laid on favorable ground with a fair allowance of slack, is practically as good as the best. Before passing through the taping machine, the cable is carefully cleaned and every defective place in the guards repaired. The taping therefore of the abovementioned 55 miles represents three or four months' work for the greater portion of the Manora establishment.

26. A small set of stone lascars' quarters, containing four rooms, has been built in substitution of the previous mat huts which required renewal, and a commodious black-smiths' shop has been erected in place of the old one pulled down to allow of the new factory being built.

27. The new landing place, outside the groyne fronting the telegraph compound, has been completed, and the embankment leading to it considerably strengthened. Advantage is being taken of the height of the new Bunder to deliver, through iron piping, the water required by the establishment, direct from the water boats into the tank shed and houses occupied by the European subordinates.

28. The telegraph works were inspected by His Excellency the Viceroy duing his visit to Karachi in November last, and subsequently by Sir James Fergusson, the Governor of Bombay; on the latter occasion the new cable machinery was in a sufficiently advanced state towards completion to allow of the various stages in cable-making being shown experimentally.

STEAM BARGE "ROSE."

29. This vessel has been extensively used during the year for the embarkation of troops at Karachi, under the superintendence of the Port Department, to which she has now been transferred on sale for the sum of Rs. 10,000. Her services have not been required by the Telegraph Department for some years past, and her transfer will result in a saving of the stores and labor required to keep her in thorough order.

GENERAL REMARKS.

30. In a brief statement (Appendix E) the number of faults is shown which have occurred during the past ten years in each section of the cable. The sudden increase in the interruptions on the Bushire-Jashk gutta-percha cable which is observable during the last two years, coupled with the absence of any signs of such deterioration in the other sections, points to the conclusion that the ground on which it rests is not so favorable for the life of a cable as at other parts of the line. It is extremely fortunate that the India-rubber cable, which throughout its course, is laid only a few miles distant from this section, has for a long time given no trouble whatever, although now submerged for more than eleven years. This should encourage us to hope that much of the ground on which the Bushire-Jashk percha cable is laid may be of an equally favorable character, and that, although breakages at various points will be comparatively frequent while the remaining bad places are developing themselves, there will, after a time, as soon as the weak points are brigded over by the insertion of good cable, be a freedom from further interruptions.

KARACHI,
20th May 1881.

H. C. MANCE,
Engineer and Electrician, Persian Gulf Telegraphs.

APPENDIX A.

Statement showing insulation of the Persian Gulf Cables during March 1881.

Sections.	Length. Knots.	Original insulation. Megohms.	Insulation, March 1880. Megohms.	Insulation, March 1881. Megohms.
Fao-Bushire	152·61	600	203	208
Bushire-Jashk gutta-percha	504·19	400	200	215
" " India-rubber	498·46	2,000	358	191
Jashk-Gwadur	272·01	400	159	160
Gwadur-Manora	270·56	275	203	217
Harbour cables, No. 1	5·77	24	3	11·7
" " No. 2	5·77	4	7	7·4
" " No. 3	5·77	75	22	18·1

H. C. MANCE,
Engineer and Electrician.

L. GABLER,
Acting Deputy Director,
Persian Gulf Telegraphs.

KARACHI,
20th May 1881.

APPENDIX B.

Statement showing the repairs and renewals on Persian Gulf Cables during the official year 1880-81.

Number of repairs.	Date of development of fault.	Date of completion of repairs.	Length of interruption. Days.	Length of interruption. Hours.	Section.	Locality of fault. Miles.	Locality of fault. From	Cause of fault.	Remarks.
1	March 25, 1880	April 11, 1880	11	3	Bushire-Jashk.	301·6	Bushire .	Break of conductor .	Insulation remained perfect. This fault occurred before commencement of official year.
2	June 30, „	July 13, „	13	7	„ .	139·9	Jashk .	Total break .	Two faults.
						140·7	„ .	„ „ .	
3	Aug. 3, „	Sept. 19, „			„ .	302·4	Bushire .	Break of conductor .	
4	Sept. 1, „	„ 16, „	49	21	„ .	35	Jashk .	„ „ .	The percha much stretched, but not broken. Insulation remained perfect.
5	„ 17, „	„ 22, „			„ .	52·8	Bushire .	„ „ .	
6	. . .	Dec. 11, „			„ .	...	Henjam .	Cut Henjam out of cable-house.	circuit and joined cables direct outside
7	Oct. 4, „	„ 13, „	69	5	„ .	287·7	Bushire .	Total break .	Two faults.
					„ .	290·1	„ .	„ „ .	
8	Jan. 24, 1881	Feb. 15, 1881			„ .	300	„ .	Break of conductor .	Insulation remained perfect.
9	Feb. 13, „	„ 17, „	27	3	„ .	...	Henjam .	Diversion of cable to	southward of island for 18 miles.
10	„ 11, „	„ 20, „			„ .	101	Jashk .	Break of conductor .	Two faults.
						96	„ .	„ „ .	
11	March 9, „	March 15, „	6	19	Jashk-Gwadur.	104·6	Gwadur .	Total break .	Uneven ground.
	„ 26, „	. . .	5	...	Bushire-Jashk.	103	Jashk .	„ „ .	This fault will not be repaired for present, as vessel is in dock for repairs and alterations.

Total Repairs during 1880-81, 9. Diversions 2. Faults occurred during year 12.

KARACHI,
20th May 1881.

L. GABLER,
Acting Deputy Director,
Persian Gulf Telegraphs.

H. C. MANCE,
Engineer and Electrician.

APPENDIX C.

Statement showing the repairs and renewals of Harbour cables during the official year 1880-81.

Number of repairs.	Date of development of fault.	Date of completion of repairs.	Number of cable.	Locality of fault.	Cause of fault.	Remarks.
	1880.	1880.		Between—		
1	June, 28th . .	July, 2nd . .	1 . .	Boxes 8 and 9 .	Buglas anchor .	Total break in creek near Baba Island.
2	. . . .	August, 24th .	1, 2 and 3 . .	„ 1 and 2 .	Percha perished .	Iron piping extended under whole width of Railway and core substituted for cable.
3	August, 20th .	October, 14th .	3 . .	„ 3 and 4 .	„ „ .	In box three.
		1881.				
4	. . . .	January, 10th .	1 and 2 . .	Manora and Box 10.	Perished . .	A piece of core inserted in each cable. Fault in No. 1 was about 160 fathoms from Box 10. No. 2 cable (which appears to be bad throughout from Manora to Box 10) is India-rubber. This latter was put down as an experiment. The material does not answer in dry sand.

KURRACHI,
The 20th May 1881.

L. GABLER,
Acting Deputy Director,
Persian Gulf Telegraphs.

H. C. MANCE,
Engineer and Electrician.

APPENDIX D.

Statement of expenditure and cable on hand at the beginning and end of the year 1880-81.

Description.	Balance, 31st March 1880.	Picked up at sea during last year.	Expended.	Balance on hand, 31st March 1881.	Remarks.
Gutta-percha.					
Shore end	4·89	4·11	...	9	5·75 knots of shore end and 36·31 knots of deep sea cable were picked up during diversion and repairs. Of this cable, 4·11 knots shore end and 20·54 knots deep sea cable are fit for re-use as main cable. The remaining 1·64 knots of shore end and 15·774 knots of deep sea cable were only fit for stripping.
Main cable	52·99	20·54	42·73	30·80	
Short pieces	6·52	...	4·38	2·14	
	64·40				
India-rubber.					
Shore end	4·41	...	...	4·41	Of the 47·11 knots of gutta-percha main cable expended during the year— 28·64 knots were laid during repairs of 12 faults. 0·03 „ sold to the Indian Department. 18·17 „ laid during the Henjam diversion. 0·25 „ expended in splices.
Main cable	10·26	...	...	10·26	
Short pieces	2·64	...	2·54	·1	
	17·31				
Gutta-percha core (good); estimated length in fathoms.	20,000				

Karachi,
The 20th May 1881.

L. GABLER,
Acting Deputy Director,
Persian Gulf Telegraphs.

H. C. MANCE,
Engineer and Electrician.

APPENDIX E.

A Return shewing the number of faults which have occurred on all sections of the Persian Gulf cables since the laying of the duplicate cable, and showing the causes to which they were due.

Years.	Sections.																				Grand Total.	Remarks.
	Fao-Bushire.				Bushire-Jask G. P.				Bushire-Jask I. R.				Jask-Gwadar.				Gwadar-Manora.				All.			
	No. of faults.				No. of faults				No. of faults.				No. of faults.				No. of faults.				No. of faults.			
	Due to				Due to				Due to				Due to				Due to				Due to			
	Accident.	Decay.	Manufacture.	Total.	Accident.	Decay.	Manufacture.	Total.	Accident.	Decay.	Manufacture.	Total.	Accident.	Decay.	Manufacture	Total.	Accident.	Decay.	Manufacture.	Total.	Accident.	Decay.	Manufacture.	
1869-70	1	...	...	1	...	...	...	...	...	...	...	...	1	1	1	3	...	...	...	...	2	1	1	4
1870-71	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
1871-72	...	...	...	...	1	...	1	2	...	...	5	5	...	...	...	...	...	...	...	...	1	...	6	7
1872-73	...	...	...	...	...	1	1	2	...	...	...	...	...	...	...	...	...	1	...	1	...	2	1	3
1873-74	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	1	...	...	1	1	1	...	2
1874-75	...	...	...	...	1	...	1	2	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	2
1875-76	...	...	...	...	...	...	1	1	1	...	...	1	...	...	...	...	...	...	...	...	1	...	1	2
1876-77	...	...	...	...	...	1	...	1	...	...	1	1	...	...	...	...	1	1	...	2	1	2	1	4
1877-78	1	1	...	2	...	3	...	3	...	...	...	...	...	2	...	2	...	...	...	...	1	6	...	7
1878-79	...	...	1	1	...	2	...	2	...	...	...	...	...	1	...	1	...	...	...	...	..	3	1	4
1879-80	...	...	...	...	2	9	...	11	...	...	...	...	...	...	...	...	...	...	...	...	2	9	...	11
1880-81	...	...	...	...	...	11	...	11	...	...	...	...	...	1	...	1	...	...	...	...	...	12	...	12
Total	2	1	1	4	4	28	5	37	1	...	6	7	1	5	1	7	2	2	...	4	10	36	13	59

Karachi,
20th May 1881.

L. GABLER,
Acting Deputy Director,
Persian Gulf Telegraphs.

H. C. MANCE,
Engineer and Electrician.

APPENDIX F.

INDO-EUROPEAN TELEGRAPH DEPARTMENT.

PERSIAN GULF SECTION.

Return of Interruptions which occurred on the Land Line, Persian Gulf Telegraph, during the official year 1880-81.

No.	From		To		Duration.	Cause.	Remarks.
	Date.	Time.	Date.	Time.	D. H. M.		
						Karachi-Ormara Section.	
1	Nov. 30	8-50 A.M.	Dec. 1	12-40 P.M.	1 3 50	Landslip at Malan, both wires interrupted	This locality has been eliminated by the diversion of line *viâ* Buzi.
2	Dec. 22	12-10 P.M.	,, 23	3-40 ,,	1 3 30	Do. do.	
3	Mar. 2	1-30 A.M.	Mar. 2	12-35 ,,	0 11 5	Do. do.	
						Ormara-Gwadur Section.	
4	June 28	8-00 P.M.	June 29	1-19 P.M.	0 17 19	Both wires to earth, 26 miles from Ormara, forty posts east of Jaffree river. One standard blown down by high wind, strain of wires breaking one top-pole, both wires lying on damp salt ground, but neither broken.	Cause reported by Jemadar on return from repair duty.
5	Sept. 16	6-49 ,,	Sept. 18	8-20 A.M.	1 13 31	Top-pole broken at Moperty.	
						Charbar Jask Section.	
6	Feb. 22	5-55 A.M.	Feb. 24	5-50 A.M.	1 23 55	Both wires broken during heavy thunder-storm, about 69 miles from Charbar.	
					7 1 10	= 169 hours 10 minutes.	

L. GABLER,
Acting Deputy Director,
Persian Gulf Telegraphs.

APPENDIX G.

INDO-EUROPEAN TELEGRAPH DEPARTMENT.

Statement of the value of stores received and issued during the year 1880-81.

RECEIPTS.	1880-81.	ISSUES.	1880-81.
	Rs. A. P.		Rs. A. P.
Purchases in India . . . . . (a)	8,995 15 6	Repairs to cables . . . . . (e)	68,253 15 0
London stores . . . . . (b)	23,164 2 0	,, to lines . . . . . (f)	14,288 12 0
Freight payable in England	1,580 4 0	Heavy renewals	1,820 12 2
,, ,, in India	787 3 4	Repairs to machinery	136 7 2
Military Department . . . . . (c)	9,719 1 6	,, to buildings	75 10 9
Indian Telegraph Department . . . . . (d)	1,030 1 6	Capital cable machinery	810 13 4
Civil Department	352 7 4	,, ,, workshop	48 14 10
Public Works Department	9 12 0	Directors . . . . . (g)	442 9 7
Manufacture	1,287 14 6	Traffic Manager . . . . . (h)	669 0 3
Store Branch Contingencies	16 3 7	Signalling . . . . . (i)	7,260 1 11
Telegraph Stations	111 1 9	Line Conservancy . . . . . (j)	466 11 4
		Cable ,, ... (k)	1,881 13 11
		Manufacture	6,685 8 1
		Fine Fund Furniture	166 6 0
		,, Recreation	89 6 2
		Store Branch Contingencies . . . . . (l)	1,853 1 8
		Sales	412 8 10
		Civil Department	8 1 3
		Military ,, ...	5,308 3 9
		Indian Telegraph	68 0 9
		Persian Telegraph Section	875 7 10
	47,034 8 0		1,11,652 6 7

KARACHI,
27th March 1881.

L. GABLER,
Acting Deputy Director,
Persian Gulf Telegraphs.

J. P. HAWKINS,
Acting Storekeeper,
Persian Gulf Telegraphs.

RECEIPTS.

PURCHASES.

Rs. 8,995-15-6.

	Rs.	A.	P.
Timber	1,720	0	0
Printing	1,015	0	0
Stationery, including printing paper	700	0	0
Paint, varnish, oil, linseed	510	0	0
Salamoniac solder			
Tents and suleetas	705	0	0
Tar and charcoal	193	0	0
Iron mongery	508	0	0
Puckals, dholes, hides and belts.	158	0	0
Matting and carpets	86	0	0
Instruments and clocks	239	0	0
Powder, dynamite and fuzes	250	0	0
Flannel, dungaree and drill cloth	155	0	0
Medicine	58	0	0
Lamps, lanterns and chimneys	291	0	0
Insulators and extractors	197	0	0
Glass panes and diamond glazers	58	0	0
Rope, brushes and brooms	210	0	0
Buckets, kegs and iron pans	98	0	0
Badges and belts	102	0	0
Wood naptha	120	0	0
Oil, cocoanut	500	0	0
Oil, kerosine			
Portland cement	309	0	0
India-rubber, vulcanized	100	0	0
Book-binding	40	0	0
Miscellaneous	673	15	6
a	8,995	15	6

LONDON STORES.

Rs. 23,164-2-0.

	Rs.	A.	P.
Insulators and insulating fluid	1,996	10	8
Pitch compound	2,865	11	1
and tape serving	1,613	8	0
Sulphate copper	115	0	0
Leclanches cells	325	0	0
Instruments	600	0	0
Gutta-percha	175	0	0
Ozokerit telegraph core	217	0	0
Lathe	785	0	0
Wire galvanized	4,579	10	0
Yarn, hemp	1,035	0	0
Wire lapping	612	0	0
Ditto	3,602	0	0
Yarn, hemp	766	0	0
Joints and I. R. core	2,699	0	0
Tape paper for instruments	522	0	0
Glass battery	406	0	0
Miscellaneous	249	10	0
b	23,164	2	0

MILITARY DEPARTMENT.

Rs. 9,719-1-6.

	Rs.	A.	P.
Medicine charges	684	0	0
Freight boat hire	138	0	0
Landing charges	12	6	6
Coal	471	14	4
Provisions	4,668	8	3
Bellows	65	0	0
Rubber	30	0	0
Spanners	88	0	0
Staves spars	100	0	0
Taps and dies	36	0	0
Bunting and canvas	50	0	0
Cotton waste	372	0	0
and tallow, &c.	1,240	0	0
Rope	1,137	0	0
Wicks	40	0	0
Miscellaneous	586	4	5
c	9,719	1	6

INDIAN TELEGRAPH DEPARTMENT.

Rs. 1,030-1-6.

	Rs.	A.	P.
Wire	260	0	0
Brass screws	500	0	0
Tubes	150	0	0
Brackets, discs and sockets	120	1	6
d	1,030	1	6

KARACHI,
27th May 1881.

J. P. HAWKINS,
Acting Store-keeper,
Persian Gulf Telegraphs.

ISSUES.

REPAIRS TO CABLE.

Rs. 68,253-15-0.

	Rs.	A.	P.
Cable	54,001	0	0
Wire	5,519	0	0
Tape serving	3 935	0	0
Pitch compound	1,037	0	0
Yarn, hemp	2,011	0	0
Rope	453	4	0
Brass and lead	347	6	0
I. R. & G. P. sheets	271	0	0
Charcoal	148	0	0
Oil and tallow	136	0	0
Instruments	110	0	0
Joints	84	0	0
Lime and chunam	80	0	0
Wood naptha	40	0	0
Insulators	20	0	0
Miscellaneous	61	5	0
e	68,253	15	0

REPAIRS TO LINES.

Rs. 14,288-12-0.

	Rs.	A.	P.
Wire	6,156	0	0
Insulators	2,960	0	0
Standards	1,963	0	0
Sockets and discs	1,620	0	0
Tops, wooden	650	0	0
Dynamite and fuze	204	0	0
Rope	189	0	0
Solder	111	0	0
Fluid, insulating	105	0	0
Brackets and backs	90	0	0
Tools	85	0	0
Ladders	55	0	0
Coal tar and pitch	50	0	0
Oil	30	0	0
Miscellaneous	20	12	0
f	14,288	12	0

DIRECTOR.

Rs. 442-9-7.

	Rs.	A.	P.
Forms and books	164	7	8
Stationery	112	10	7
Instruments	73	0	0
Office furniture.	52	0	0
Baize, green	35	0	0
Miscellaneous	5	7	4
g	442	9	7

TRAFFIC MANAGER.

Rs. 699-0-3.

	Rs.	A.	P.
Stationery	296	0	0
Forms and books	245	0	0
Baize, green	30	0	0
Weights, door and hinges	15	0	0
Miscellaneous	113	0	3
h	699	0	3

SIGNALLING.

Rs. 7,260-1-11.

	Rs.	A.	P.
Instruments and clocks	1,356	0	0
Forms and books	1,118	0	0
Stationery	776	10	11
Oil, paint and turpentine.	475	1	8
Paper, tape and ink, recording	452	0	0
Tools	342	0	0
Filters with stands	303	0	0
Jars, battery and leclanche cells	192	0	0
Wire and connections	177	0	0
Tubs	140	0	0
Doors in frames	150	0	0
Matting and mats	116	0	0
Floor cloth	115	0	0
Coal	113	0	0
Ladders	105	0	0
Wheelbarrows.	88	0	0
Gunpowder	80	0	0
Lamps, chimneys and wicks	75	0	0
Copper and zinc battery	73	0	0
Baize and dungaree.	73	0	0
Sulphate of copper	68	0	0
Rope	47	0	0
Packing cases	91	0	0
Disinfecting powder	31	5	0
Timber	30	0	0
Blue lights	20	0	0
Glazier's diamond	20	0	0
Salamoniac and saltpetre	35	0	0
Buckets	15	0	0
Chicks	13	0	0
Miscellaneous	570	0	4
i	7,260	1	11

LINE CONSERVANCY.

Rs. 466-11-4.

	Rs.	A.	P.
Tents and tent pegs	308	0	0
Tools	56	0	0
Medicines	43	0	0
Badges for peons	40	0	0
Water kegs	14	0	0
Miscellaneous	5	11	4
j	466	11	4

CABLE CONSERVANCY.

Rs. 1,881-13-11.

	Rs.	A.	P.
Rope	830	0	0
Oil, turpentine and paint.	270	0	0
Bamboos and timber	297	0	0
Acid and wood naptha	106	0	0
Instruments	96	0	0
Tools	89	0	0
Stationery	87	0	0
Matting	57	0	0
Cotton waste	20	0	0
Miscellaneous	29	13	11
k	1,881	13	11

STORE BRANCH CONTINGENCIES.

Rs. 1,853-1-8.

	Rs.	A.	P.
Difference between Ledger value of articles sold by auction, and amount realized by sale	1,454	6	11
Instruments	71	12	0
Oil, paint and turpentine.	68	0	0
Forms and books	53	0	0
Stationery	50	0	0
Hooping iron and nails	45	0	0
Rope	28	0	0
Pitch and tar	21	0	0
Acid, nitric	20	0	0
Timber	15	5	0
Medicines	10	0	0
Padlocks	8	0	0
Miscellaneous	8	9	9
l	1,853	1	8

KARACHI,
27th May 1881.

J. P. HAWKINS,
Acting Storekeeper,
Persian Gulf Telegraphs.

APPENDIX H.

INDO-EUROPEAN TELEGRAPH DEPARTMENT.

PERSIAN GULF SECTION.

Statement A—Showing the number of Messages and Words and the net Receipts of the Persian Gulf Section during the year 1880-81 from traffic received from the Indian, Persian and Turkish Telegraph lines, and from stations of the Section.

FROM	INDIA.			PERSIA.			TURKEY.			STATIONS OF THE PERSIAN GULF SECTION.			GROSS TOTAL.		
MONTH 1880-81.	Number of messages.	Number of words.	Net receipts to Persian Gulf Section.	Number of messages.	Number of words.	Net receipts to Persian Gulf Section.	Number of messages.	Number of words.	Net receipts to Persian Gulf Section.	Number of messages.	Number of words.	Net receipts to Persian Gulf Section.	Number of messages.	Number of words.	Net receipts to Persian Gulf Section.
			Rs. A. P.			Rs. A. P.			Rs. A. P.			Rs. A. P.			Rs. A. P.
April	2,033	46,638	32,994 4 0	1,546	26,813	20,926 0 0	428	5,516	4,009 7 0	213	2,578	1,100 10 0	4,220	81,545	59,030 5 0
May	1,809	42,829	26,915 1 0	1,535	25,800	20,100 3 0	265	3,448	2,566 11 0	252	3,362	1,408 12 0	3,861	75,439	50,990 11 0
June	1,673	38,940	25,644 10 0	1,434	26,253	20,500 1 0	129	2,030	1,093 0 0	222	2,640	917 13 0	3,458	69,863	48,155 8 0
July	1,850	40,848	28,742 10 0	1,599	25,813	19,752 10 0	209	2,599	2,156 10 0	189	2,080	765 0 0	3,847	71,340	51,416 14 0
August	1,823	51,392	33,944 1 0	1,452	22,504	16,974 0 0	197	2,236	1,879 0 0	184	1,953	713 8 0	3,656	78,085	53,510 9 0
September	1,868	47,225	32,790 5 0	1,569	25,555	19,731 14 0	254	3,036	2,258 2 0	318	4,754	1,668 0 0	4,009	80,570	56,448 5 0
October	1,688	36,839	24,268 8 0	1,719	31,064	23,679 15 0	300	3,736	2,593 15 0	401	5,049	1,470 5 0	4,108	76,688	52,012 11 0
November	2,070	37,780	27,681 4 0	1,869	30,880	23,620 7 0	213	2,270	1,951 0 0	307	4,062	1,047 4 0	4,459	74,992	54,299 15 0
December	1,743	36,568	24,413 9 0	1,904	29,828	21,876 10 0	197	1,932	1,601 3 0	317	4,287	1,138 14 0	4,161	72,615	49,030 4 0
January	2,011	33,922	27,116 10 0	2,105	45,233	29,162 4 0	290	3,380	3,099 11 0	265	3,111	817 10 0	4,671	85,646	60,196 3 0
February	2,188	32,513	27,874 0 0	2,318	41,754	26,835 10 0	265	2,959	2,552 0 0	252	2,903	990 14 0	5,023	80,129	58,252 8 0
March	2,174	31,203	27,486 0 0	1,853	39,251	23,584 14 0	241	2,986	2,525 4 0	318	3,940	1,140 5 0	4,586	77,380	54,736 7 0
Total for the year	22,930	4,76,697	3,39,870 14 0	20,903	3,70,748	2,66,744 8 0	2,988	36,128	28,285 15 0	3,238	40,719	13,178 15 0	50,059	9,24,292	6,48,080 4 0
Average per mensem	1,911	39,724	28,322 9 0	1,742	30,895	22,228 11 0	249	3,010	2,357 3 0	270	3,393	1,098 4 0	4,172	77,024	54,006 11 0

KARACHI,
19th May 1881.

L. GABLER,
Acting Deputy Director,
Persian Gulf Telegraphs.

A. HERBAGE,
Traffic Manager,
Persian Gulf Telegraphs.

APPENDIX I.

INDO-EUROPEAN TELEGRAPH DEPARTMENT.

PERSIAN GULF SECTION.

Statement B—Showing the number of messages and words and the percentage of messages, exclusive of the local traffic of the section, received from, and forwarded to, the Teheran and Turkish lines during the year 1880-81, compared with the previous year.

Month.	1880-81.												1879-80									
	Viâ TEHERAN.						*Viâ* TURKEY.						*Viâ* TEHERAN.						*Viâ* TURKEY.					
	From.		To.		Total.		From.		To.		Total.		From.		To.		Total.		From.		To.		Total.	
	Messages.	Words.	Messages.	Words.	Messages.	Words.	Messages.	Words.	Messages.	Words.	Messages.	Words.	Messages.	Words.	Messages.	Words.	Messages.	Words.	Messages.	Words.	Messages.	Words.	Messages.	Words.
April	1,546	26,813	1,786	44,234	3,332	71,047	428	5,516	258	3,541	686	9,057	1,149	19,258	1,477	36,012	2,626	55,270	200	2,907	181	2,411	381	5,318
May	1,535	25,800	1,670	41,501	3,205	67,301	265	3,448	125	1,589	390	5,037	1,226	20,287	1,208	33,893	2,434	54,180	163	2,561	183	2,058	346	4,619
June	1,434	26,253	1,554	38,060	2,988	64,313	129	2,030	125	1,748	254	3,778	1,134	18,555	1,106	34,521	2,240	53,076	183	3,551	165	2,685	348	6,236
July	1,599	25,813	1,673	37,624	3,272	63,437	209	2,599	170	2,887	379	5,486	1,177	32,814	1,180	33,940	2,357	66,754	184	3,943	187	2,778	371	6,721
August	1,452	22,504	1,655	46,436	3,107	68,940	197	2,236	135	2,973	332	5,209	1,192	21,389	1,190	30,864	2,382	52,253	228	3,607	220	2,698	448	6,305
September	1,569	25,555	1,702	42,943	3,271	68,498	254	3,036	166	3,087	420	6,123	1,359	23,971	1,307	40,959	2,666	64,930	223	3,485	221	3,881	444	7,366
October	1,719	31,064	1,485	34,553	3,204	65,617	300	3,736	225	2,977	525	6,713	1,823	32,974	1,440	50,878	3,263	83,852	310	5,453	367	6,042	677	11,495
November	1,869	30,880	1,881	35,762	3,750	66,642	213	2,270	158	1,899	371	4,169	1,415	27,286	1,288	41,057	2,703	68,343	281	4,328	274	3,898	555	8,226
December	1,904	29,328	1,612	35,079	3,516	64,907	197	1,932	91	1,816	288	2,948	1,119	21,586	1,108	41,182	2,227	62,768	224	3,683	262	5,039	486	8,722
January	2,105	45,233	1,801	31,500	3,906	76,733	290	3,380	161	1,749	451	5,129	1,806	35,802	1,680	46,375	3,486	82,177	297	4,223	190	2,574	487	6,797
February	2,318	41,754	2,042	31,086	4,360	72,840	265	2,959	140	1,388	405	4,347	2,333	39,642	1,887	47,605	4,220	87,247	290	4,226	221	3,071	511	7,297
March	1,853	39,251	2,002	28,812	3,855	68,063	241	2,986	154	1,909	395	4,895	1,667	28,405	2,064	47,964	3,731	76,369	326	4,603	219	2,758	545	7,361
Total for the year	20,903	370,748	20,863	447,590	41,766	818,338	2,988	36,128	1,908	26,763	4,896	62,891	17,400	321,969	16,935	485,250	34,335	807,219	2,909	46,570	2,690	39,893	5,599	86,463
Percentage of messages *viâ* Teheran	...	...	...	...	89·51	...	...	...	...	...	...	...	...	...	...	...	85·73	...	...	...	...	...	...	...
Percentage of messages *viâ* Turkey	...	...	...	...	...	...	...	...	...	...	10·49	...	...	...	...	...	...	...	...	...	...	...	14·27	...

KARACHI,
19th May 1881.

L. GABLER,
Acting Deputy Director,
Persian Gulf Telegraphs.

A. HERBAGE,
Traffic Manager,
Persian Gulf Telegraphs.

APPENDIX J.

INDO-EUROPEAN TELEGRAPH DEPARTMENT.

PERSIAN GULF SECTION.

Statement C—Showing the maximum, minimum and mean rate of transmission of messages from the United Kingdom to Karachi during the year 1880-81, compared with that of the previous year.

Month.	1880-81. United Kingdom to Karachi. *Viâ* Teheran. Max.		Min.		Mean.		*Viâ* Turkey. Max.		Min.		Mean.		Remarks.
	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.	
April	4	28	0	4	0	39	159	50	7	1	75	20	Interruptions, Turkish route; Service totally suspended for 4 days. Henjam and Bushire cable interrupted to the 11th.
May	1	59	0	4	0	27	220	1	23	14	106	42	Prolonged interruptions Turkish route.
June	3	45	0	3	0	33	188	24	24	32	119	0	Interruptions not reported.
July	3	5	0	6	0	37	119	29	4	20	39	14	Interruptions Turkish route. Henjam and Jashk cable interrupted 13 days.
August	2	8	0	6	0	35	119	45	11	55	37	12	Interruptions *viâ* Turkey, slight *viâ* Teheran, Henjam-Bushire cable interrupted 28 days.
September	3	8	0	4	0	34	121	20	10	0	49	44	Interruptions *viâ* Turkey. Jashk-Henjam cable interrupted 22 days.
October	4	14	0	6	0	41	138	18	10	0	55	24	Interruptions *viâ* Turkey. Slight *viâ* Teheran. Henjam-Bushire cable interrupted 27 days.
November	8	0	0	5	0	37	95	56	12	11	37	21	Henjam-Bushire cable interrupted during the month.
December	21	0	0	6	0	47	428	19	22	12	169	4	Frequent interruptions *viâ* Turkey and Teheran. Bushire cable interrupted to 13th.
January	6	36	0	4	0	44	231	0	20	51	66	27	Interruptions *viâ* Turkey and Teheran. Jashk-Henjam cable interrupted 7 days.
February	5	26	0	4	0	59	137	14	19	3	56	17	Frequent interruptions *viâ* Turkey and Teheran. Henjam-Bushire cable interrupted to 20th.
March	2	38	0	4	0	30	97	55	11	35	29	38	Interruptions *viâ* Teheran. Gwadur-Jashk cable interrupted 8th to 15th, Jashk-Bushire 26th to end of month.
Average monthly rate of transit during the year.	5	32	0	5	0	39	171	28	14	45	70	7	

1879-80. United Kingdom to Karachi. *Viâ* Teheran. Max.		Min.		Mean.		*Viâ* Turkey. Max.		Min.		Mean.		Remarks.
H.	M.	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.	
4	23	0	3	0	26	67	59	5	21	16	11	Interruptions on both routes during the month.
2	58	0	3	0	25	38	56	4	56	17	32	Ditto ditto and on one Gulf Section.
2	58	0	3	0	25	38	56	4	18	17	43	Ditto Turkish route only.
3	50	0	5	0	30	19	34	5	35	14	45	Ditto Teheran route only.
3	47	0	3	0	29	39	52	7	6	19	37	Ditto Turkish route only.
1	48	0	4	0	29	110	49	9	18	27	11	Serious interruptions Turkish route.
5	42	0	3	0	42	44	43	11	18	25	7	One Gulf Section faulty.
6	19	0	5	0	41	74	8	12	47	27	21	Ditto and interruptions both routes.
4	5	0	4	0	45	58	36	9	2	23	53	Serious interruptions Teheran route.
4	38	0	5	0	44	255	3	9	10	64	11	Ditto Turkish route. One Gulf section interrupted.
8	17	0	4	1	45	40	30	11	30	21	18	One Gulf Section interrupted and pressure of traffic from the Teheran route.
3	0	0	4	0	34	131	58	4	58	45	47	One cable section failed, and interruption Turkish route.
4	19	0	4	0	39	76	45	7	11	26	43	

KARACHI,
19th May 1881.

L. GABLER,
Acting Deputy Director,
Persian Gulf Telegraphs.

A. HERBAGE,
Traffic Manager,
Persian Gulf Telegraphs.

APPENDIX K.

INDO-EUROPEAN TELEGRAPH DEPARTMENT.

PERSIAN GULF SECTION.

Statement D—Showing the comparative speed of transmission of messages from the United Kingdom to Calcutta by the Indo-European route viâ Teheran and Indian lines viâ Karachi, and the Eastern Telegraph Company's line viâ Suez, and the Indian lines viâ Bombay, as recorded in the Government Telegraph Gazette *during the years 1879-80 and 1880-81.*

Month.	1880-81. Indo-European route *via* Teheran and Karachi. Average monthly speed.		Shortest time during the month.		Longest time during the month.		Eastern Telegraph Company's line *via* Suez and Bombay. Average monthly speed.		Shortest time during the month.		Longest time during the month.	
	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.
April	1	1	0	38	3	31	2	14	1	21	4	33
May	1	3	0	34	2	26	2	11	1	43	3	0
June	1	43	0	55	3	37	2	15	0	59	3	23
July	1	38	0	43	2	43	2	11	0	32	2	59
August	1	42	0	32	5	39	2	12	0	32	3	48
September	1	29	0	34	4	29	2	12	1	19	3	5
October	1	20	0	29	2	48	2	18	0	39	4	27
November	0	58	0	35	1	56	2	10	0	53	2	52
December	1	9	0	28	2	50	2	37	1	25	5	43
January	1	13	0	23	4	14	2	20	1	1	3	48
February	1	21	0	49	2	55	3	11	1	54	4	44
March	1	0	0	34	2	34	2	43	1	49	4	53
Monthly average during the year	1	18	0	36	3	18	2	22	1	10	3	56

1879-80. Indo-European route *via* Teheran and Karachi. Average monthly speed.		Shortest time during the month.		Longest time during the month.		Eastern Telegraph Company's line *via* Suez and Bombay. Average monthly speed.		Shortest time during the month.		Longest time during the month.	
H.	M.	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.
0	43	0	19	1	34	1	25	0	40	1	59
0	52	0	32	1	57	1	50	0	55	6	10
1	3	0	30	2	13	1	29	0	47	2	22
1	12	0	38	2	19	1	20	0	52	1	48
1	16	0	30	2	15	1	40	0	56	3	20
1	10	0	44	2	23	1	58	0	47	3	11
1	14	0	18	2	21	2	7	0	49	3	26
1	6	0	16	1	50	2	15	1	16	4	25
1	19	0	26	3	3	3	9	0	36	7	3
1	36	0	44	4	1	2	41	1	22	3	37
2	2	0	59	5	53	2	50	0	55	6	45
1	8	0	15	2	18	2	11	0	47	3	26
1	3	0	31	2	40	2	5	0	53	3	58

KARACHI,
19th May 1881.

L. GABLER,
Acting Deputy Director,
Persian Gulf Telegraphs.

A. HERBAGE,
Traffic Manager,
Persian Gulf Telegraphs.

APPENDIX L.

INDO-EUROPEAN TELEGRAPH DEPARTMENT.

PERSIAN GULF SECTION.

Statement E—Showing the maximum, minimun and mean rate of transmission of messages over the Persian Gulf Section from Fao and Bushire to Karachi during the year 1880-81, compared with that of the previous year.

MONTH.	1880-81. KARACHI FROM Fao. Max.		Fao. Min.		Fao. Mean.		Bushire. Max.		Bushire. Min.		Bushire. Mean.		REMARKS.	1879-80. KARACHI FROM Fao. Max.		Fao. Min.		Fao. Mean.		Bushire. Max.		Bushire. Min.		Bushire. Mean.		REMARKS.
	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.		H.	M.	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.	
April	1	43	0	3	0	18	4	22	0	1	0	14	Working one Gulf Section 11 days. Henjam-Bushire cable interrupted.	1	23	0	4	0	11	1	55	0	1	0	7	
May	1	22	0	5	0	13	1	21	0	1	0	10	... ...	0	32	0	2	0	11	2	11	0	1	0	8	Bushire-Henjam Section faulty 4th to 15th May.
June	0	40	0	3	0	11	1	48	0	1	0	11	... ...	1	50	0	4	0	14	2	56	0	1	0	11	Jashk-Bushire Section faulty, 9th June to 7th October.
July	1	6	0	3	0	13	1	7	0	1	0	11	Ditto ditto 13 days. Henjam-Jashk cable interrupted.	1	39	0	2	0	18	1	3	0	1	0	15	Ditto ditto.
August	1	25	0	3	0	14	2	2	0	1	0	13	Ditto ditto 28 days. Henjam-Bushire cable interrupted.	1	11	0	3	0	11	1	13	0	1	0	8	Ditto ditto.
September	0	54	0	3	0	12	2	52	0	1	0	12	Ditto ditto 22 days. Jashk-Henjam cable interrupted.	1	54	0	4	0	14	1	14	0	1	0	11	Ditto ditto.
October	3	13	0	3	0	25	2	40	0	1	0	18	Ditto ditto 27 days. Henjam-Bushire cable interrupted.	1	37	0	3	0	14	5	36	0	1	0	10	Ditto ditto.
November	2	6	0	2	0	19	2	30	0	1	0	14	Working one section throughout the month.	2	10	0	5	0	18	1	55	0	1	0	12	Bushire-Henjam 11th to 19th and from 25th to end of month.
December	0	38	0	3	0	14	2	9	0	1	0	13	Ditto ditto 13 days. Henjam-Bushire cable interrupted.	1	23	0	3	0	16	1	44	0	1	0	11	Ditto Section interrupted until the 9th instant.
January	1	5	0	2	0	12	2	32	0	1	0	12	Ditto ditto 7 days. Jashk-Henjam cable interrupted.	2	4	0	2	0	22	5	39	0	1	0	15	Ditto Section interrupted, 21st to end of month.
February	0	50	0	3	0	14	3	37	0	1	0	23	Ditto ditto 20 days. Henjam-Bushire cable interrupted.	2	40	0	2	0	19	4	6	0	1	0	43	Ditto and Jashk Section interrupted until the 8th instant, and from 13th to the end of the month.
March	1	1	0	2	0	12	1	56	0	1	0	10	Ditto ditto 12 deys. Gwadur-Jashk cable and Jashk-Bushire cable interrupted.	2	38	0	2	0	13	5	13	0	1	0	11	Ditto Section interrupted until the 3rd, and from the 25th to the end of the month.
Average monthly rate of transit during the year	1	20	0	3	0	14	2	24	0	1	0	13		1	45	0	3	0	15	2	54	0	1	0	13	

KARACHI,
19th May 1881.

L. GABLER,
Acting Deputy Director,
Persian Gulf Telegraphs,

A. HERBAGE,
Traffic Manager,
Persian Gulf Telegraphs.

APPENDIX M.

INDO-EUROPEAN TELEGRAPH DEPARTMENT.

PERSIAN GULF SECTION.

Statement F—Showing the accuracy with which the traffic was conveyed over the lines of the section, and the percentage of errors of a serious and of a trivial nature committed in transmission during the year 1880, compared with that of the previous year.

MONTH.	1880. Percentage of words correctly transmitted.	MONTHLY PERCENTAGE OF Errors of a serious nature.	Errors of a trivial nature.	All errors.	Total number of words transmitted.	REMARKS.	1879. Percentage of words correctly transmitted.	MONTHLY PERCENTAGE OF Errors of a serious nature.	Errors of a trivial nature.	All errors.	Total number of words transmitted.	REMARKS.
January	99·615	·119	·266	·385	87,960		99·422	·454	·124	·578	59,249	
February	99·565	·189	·246	·435	93,192		99·482	·375	·143	·518	63,497	
March	99·574	·205	·221	·426	85,480		99·591	·234	·174	·409	66,425	
April	99·685	·108	·207	·315	81,545		99·700	·118	·182	·300	59,932	
May	99·732	·100	·168	·268	75,439		99·681	·069	·252	·319	58,243	
June	99·826	·065	·109	·174	69,863		99·642	·139	·219	·358	58,319	
July	99·707	·138	·155	·293	71,340		99·626	·070	·304	·374	70,933	
August	99·865	·039	·096	·135	78,085		99·754	·024	·222	·246	57,104	
September	99·776	·067	·157	·224	80,570		99·767	·023	·210	·233	68,535	
October	99·778	·095	·127	·222	76,688		99·688	·038	·274	·312	91,271	
November	99·700	·082	·209	·291	74,992		99·738	·028	·234	·262	73,086	
December	99·555	·163	·282	·445	72,615		99·703	·048	·249	·297	68,741	
Average monthly percentage during the year	99·699	·114	·187	·301	Total 947,769		99·649	·135	·216	·351	Total 795,335	

KARACHI,
The 19th May 1881.

L. GABLER,
Acting Deputy Director,
Persian Gulf Telegraphs.

A. HERBAGE,
Traffic Manager,
Persian Gulf Telegraphs.

GOVERNMENT OF INDIA.

DEPARTMENT OF FINANCE AND COMMERCE.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT INDIA FOR THE 2nd HALF OF APRIL 1882.

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

Provinces.	Districts.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholum, Jowar), *Holcus Sorghum.* Present fortnight.	Great Millet (Cholum, Jowar), *Holcus Sorghum.* Past fortnight.	Great Millet (Cholum, Jowar), *Holcus Sorghum.* Corresponding fortnight of 1881.	Bulrush Millet (Cumboo, Bajra), *Penicilliaria Spicata.* Present fortnight.	Bulrush Millet (Cumboo, Bajra), *Penicilliaria Spicata.* Past fortnight.	Bulrush Millet (Cumboo, Bajra), *Penicilliaria Spicata.* Corresponding fortnight of 1881.	Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Coraloo, Murnwa, Nuglee), *Panicum Miliaceum, &c.* Present fortnight.	Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Coraloo, Murnwa, Nuglee), *Panicum Miliaceum, &c.* Past fortnight.	Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Coraloo, Murnwa, Nuglee), *Panicum Miliaceum, &c.* Corresponding fortnight of 1881.	Gram. Present fortnight.	Gram. Past fortnight.	Gram. Corresponding fortnight of 1881.	Firewood. Present fortnight.	Firewood. Past fortnight.	Firewood. Corresponding fortnight of 1881.	Salt. Wholesale. Present fortnight.	Salt. Wholesale. Past fortnight.	Salt. Wholesale. Corresponding fortnight of 1881.	Salt. Retail. Present fortnight.	Salt. Retail. Past fortnight.	Salt. Retail. Corresponding fortnight of 1881.	Districts.	Provinces.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.		
	Ganjam	11 13	11 13	11 13	...	...	...	17 13	17 13	17 13	19 10	19 10	19 8	...	...	...	...	...	...	35 8	35 8	32 3	26 10	26 10	42 3	215 13	215 13	215 13	...	...	...	13 13	13 13	12 0	Ganjam	
	Vizagapatam	...	12 0	15 0	...	...	...	9 0	9 0	14 10	11 5	11 5	16 5	23 3	23 3	25 14	23 13	21 12	29 [illegible]	28 5	25 3	30 5	28 2	29 3	35 2	93 5	90 6	87 8	14 10	15 3	11 11	14 0	14 0	10 8	Vizagapatam	
	Godavery	12 10	12 10	11 11	...	...	...	15 13	14 13	...	16 0	19 0	20 0	30 11	29 13	...	...	...	...	36 6	36 6	36 6	29 6	31 8	46 3	194 6	194 6	160 6	14 10	14 10	12 8	14 10	14 10	12 8	Godavery	
	Kistna	16 3	16 3	14 11	...	...	...	18 5	19 6	17 5	19 0	20 2	18 8	18 11	...	30 11	...	...	...	35 5	38 3	39 3	27 6	29 2	30 13	145 13	145 13	145 13	15 6	15 11	13 2	15 3	15 3	12 13	Kistna	
	Nellore	12 10	12 10	13 8	...	...	...	15 13	15 13	13 14	...	...	15 8	38 6	38 6	...	...	...	...	36 6	36 6	27 5	25 3	23 2	27 5	93 5	93 5	93 5	14 13	14 13	13 3	14 13	14 13	12 11	Nellore	
	Cuddapah	16 3	14 11	13 10	...	...	...	12 0	12 0	11 8	13 11	13 11	12 14	30 13	30 0	30 0	31 14	34 13	29 [illegible]	30 0	31 8	33 0	33 8	33 2	32 11	194 6	194 6	194 6	14 6	14 6	13 14	13 14	13 14	13 8	Cuddapah	
	Anantapur	14 6	14 6	11 8	...	...	...	15 0	15 0	13 14	16 3	16 3	15 2	33 0	31 0	38 2	18 13	18 13	18 [illegible]	30 0	31 8	33 0	33 8	33 2	32 11	...	...	...	13 2	11 14	11 14	13 2	11 14	11 14	Anantapur	
	Bellary	17 5	16 13	19 3	...	...	...	12 5	12 5	12 13	13 8	13 8	14 0	33 0	35 0	43 5	25 [illegible]	28 3	34 [illegible]	38 0	38 0	40 5	40 5	40 5	40 5	...	...	...	...	...	...	...	...	...	Bellary	
	Kurnool	14 10	14 10	12 11	...	...	...	11 6	11 6	11 0	11 6	11 6	11 6	32 3	32 14	35 10	30 0	30 0	32 [illegible]	29 2	29 2	42 11	29 11	26 14	43 3	97 3	97 3	97 3	14 10	14 10	13 6	14 5	14 5	13 2	Kurnool	
	Madras	10 13	10 13	8 13	...	...	...	14 10	14 3	13 13	16 3	15 13	14 14	24 8	24 8	21 10	26 6	26 6	28 2	...	...	...	30 0	30 0	31 8	163 5	206 8	203 10	14 13	14 13	12 8	14 6	14 6	12 2	Kurnool	
	Chingleput	...	...	...	...	...	...	16 8	16 8	13 2	17 0	17 0	13 10	...	...	...	...	...	...	28 13	28 13	26 3	27 5	27 5	30 6	81 6	81 6	81 6	16 8	16 8	14 6	16 0	16 0	13 14	Madras	
	North Arcot	11 6	11 6	11 0	...	...	...	16 5	16 13	16 13	18 13	18 13	17 14	...	...	...	23 11	26 6	31 5	27 6	26 0	24 11	25 5	27 5	28 2	92 5	92 5	77 13	16 5	15 14	14 5	15 14	15 8	13 14	Chingleput	
	South Arcot	9 6	9 6	9 0	...	...	...	16 8	16 8	14 13	18 13	18 13	16 10	33 10	...	23 8	29 5	29 5	27 11	35 14	35 14	32 8	33 8	31 8	36 6	140 0	140 0	140 0	14 5	14 13	12 11	14 5	14 5	12 5	North Arcot	
	Tanjore	10 5	10 5	10 5	...	...	...	19 14	19 2	17 6	...	...	...	38 3	38 3	36 10	31 14	32 10	32 10	30 3	30 3	29 6	35 11	35 11	29 5	201 11	201 11	201 11	19 5	18 14	15 5	18 14	18 6	14 13	South do.	
	Trichinopoly	9 14	9 3	11 3	...	...	...	16 10	16 3	16 3	17 6	16 11	16 11	...	...	...	30 8	30 8	25 [illegible]	39 5	38 14	34 11	35 0	33 3	29 11	194 6	194 6	194 6	15 10	15 10	13 5	15 3	15 10	13 2	Tanjore	
	Madura	12 8	10 14	13 3	...	...	...	15 8	16 6	14 5	16 8	17 5	15 8	29 3	28 5	29 3	32 5	32 5	32 [illegible]	34 2	32 11	31 6	37 0	38 8	32 5	97 3	97 3	97 3	17 0	17 0	12 14	16 3	16 3	12 2	Trichinopoly	
	Tinnevelly	9 3	9 3	8 14	...	...	...	15 14	15 14	13 8	16 13	16 13	14 0	...	...	...	...	...	...	34 2	32 8	32 8	42 11	43 10	37 6	145 13	140 14	145 13	15 10	17 0	13 8	15 6	16 13	13 2	Madura	
	Coimbatore	14 13	14 13	14 13	...	...	...	14 13	15 5	15 5	15 13	16 5	15 13	26 2	26 2	28 11	25 0	35 0	35 [illegible]	...	...	...	29 6	29 6	27 2	81 10	81 10	76 13	18 11	18 11	15 10	18 5	18 5	15 3	Tinnevelly	
	Nilgiris	10 10	9 14	9 14	...	...	...	9 10	9 10	11 3	12 0	12 0	12 6	20 0	20 0	18 [illegible]	31 8	31 8	34 6	31 8	31 8	34 6	34 3	34 3	45 10	131 3	131 3	131 3	14 2	14 2	12 3	13 10	13 10	11 11	Coimbatore	
	Salem	11 14	11 14	11 14	...	...	...	15 8	15 0	13 0	16 14	16 0	16 8	29 3	29 2	25 8	22 14	22 2	22 [illegible]	20 14	21 10	20 3	20 11	23 3	24 14	121 8	121 8	121 8	...	9 3	9 3	11 0	9 3	9 3	Nilgiris	
	South Canara	9 14	9 14	10 5	...	...	...	10 11	10 11	8 11	15 11	15 11	14 11	...	...	...	...	...	...	82 8	82 8	29 2	37 6	39 6	39 6	151 10	151 10	151 10	15 6	15 6	14 5	14 5	14 5	13 5	Salem	
	Malabar	9 6	9 6	10 13	...	...	...	15 13	16 3	15 3	16 10	17 3	16 3	...	...	...	...	...	...	19 6	19 6	19 6	20 3	20 3	22 3	116 10	116 10	109 5	15 3	15 3	14 3	14 3	14 3	13 2	South Canara	
																				23 6	23 6	24 13	26 14	26 14	31 0	121 8	121 8	121 8	14 6	13 8	10 13	13 8	12 10	9 14	Malabar	
	Bombay	10 15	10 15	11 14	17 7	21 6	16 14	7 7	7 12	7 12	13 5	13 8	10 12	18 4	20 0	21 4	18 0	18 8	18 [illegible]	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Bombay	
	Ahmedabad	13 4	13 0	17 0	20 0	20 0	32 0	6 8	6 8	8 0	8 0	8 0	13 0	18 8	18 8	28 8	15 0	15 0	26 [illegible]	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Ahmedabad	
	Kaira	12 12	12 12	16 0	21 5	21 5	35 9	9 2	9 2	8 14	15 4	15 4	14 9	20 0	20 0	32 0	14 9	14 9	22 [illegible]	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Kaira	
	Surat	13 6	13 6	13 10	6 3	6 3	7 7	7 7	7 7	6 13	8 5	8 5	8 5	15 9	15 9	18 13	11 13	11 13	17 [illegible]	...	...	...	30 0	30 0	30 0	80 0	80 0	80 0	12 5	12 12	11 7	14 0	16 0	13 13	Surat	
	Broach	12 5	9 7	16 0	...	...	...	10 10½	10 8	8 0	12 13	12 13	11 6½	15 4	15 4	17 12½	15 4	15 4	18 12	...	...	...	15 4	15 4	18 12	106 0	106 0	106 0	15 4	15 4	13 12½	15 4	15 4	13 12½	Broach	
	Tanna (Salsette)	10 5	10 5	11 5	...	...	...	9 0	9 0	8 14	11 4	11 4	11 4	18 10	18 10	12 11	16 6	16 6	18 [illegible]	25 11	25 11	15 1	14 5	14 5	15 10	71 1	71 1	71 1	14 8	14 8	10 12	13 4	13 4	10 12	Tanna (Salsette)	
	Colába (Alibág)	10 0	10 0	10 4	...	...	...	7 8	8 0	7 12	17 0	17 0	12 8	...	...	...	14 0	14 0	14 [illegible]	...	...	...	14 0	14 0	14 0	120 0	120 0	110 0	15 0	15 0	12 8	14 0	14 0	12 0	Colába (Alibág)	
	Khandesh (Dhulia)	16 12½	17 3	20 5	...	...	...	7 7	7 4	7 4	10 15	10 15	12 12	25 8	25 8	28 14	20 11	19 13	25 [illegible]	...	...	...	17 8	17 8	28 12	140 0	140 0	140 0	15 2	14 2	12 4	15 0	14 0	12 0	Khandesh (Dhulia)	
	Násik	15 8	15 8	17 0	...	...	...	7 7	7 7	5 15	12 0	12 0	11 15	...	...	25 8	21 3	21 3	20 [illegible]	30 0	30 0	27 0	19 8	19 8	24 8	128 0	128 0	115 0	14 6	14 6	12 14	14 2	14 2	12 12	Násik	
	Ahmednagar	14 6	13 2	18 10	...	...	...	9 11	9 7	8 7	15 0	14 11	10 8	26 13	28 4	33 14	23 11	23 5	26 [illegible]	...	...	...	21 11	22 7	27 0	91 5	91 5	106 4	14 7	14 12	12 10½	14 5	14 10	12 9	Ahmednagar	
	Poona	13 13	13 13	13 13	...	...	...	11 0	11 0	9 13	12 4	12 4	12 4	23 15	26 2	26 2	19 11	20 11	20 [illegible]	...	...	...	18 6	18 6	20 11	76 0	76 0	76 0	14 11	14 11	12 8	14 7	14 7	12 4	Poona	
	Sholápur	15 6	15 6	18 2	...	...	...	13 7	10 7	11 7	11 5	11 13	12 1	33 10	33 10	35 9	27 9	27 9	31 [illegible]	...	...	...	25 9	25 9	30 9	98 0	98 0	91 6	13 12	14 0	11 8	13 8	13 8	11 4	Sholápur	
	Kaládgi (Bagalkot)	22 0	21 0	19 12	15 0	15 0	13 9½	6 8	6 8	8 0	9 8	9 8	10 0	34 0	35 0	33 0	31 0	31 0	31 [illegible]	...	...	...	16 0	15 8	20 0	100 0	110 0	112 0	13 9	12 0	11 0	12 0	11 0	10 0	Kaládgi (Bagalkot)	
	Satara	12 1	12 1	13 6	...	...	...	9 11	9 11	9 5	11 7	11 7	11 7	28 0	28 0	26 10	23 4	23 4	24 [illegible]	...	...	...	16 14	18 3	16 14	137 1	137 1	137 15	14 9	16 0	12 6	13 2	14 9	11 6	Satara	
	Belgaum	19 0	19 0	20 0	11 8	11 8	11 8	10 8	10 8	11 8	11 0	11 0	12 0	28 0	28 0	31 0	26 0	26 0	32 [illegible]	35 0	35 0	35 0	16 8	15 8	19 0	70 0	70 0	...	13 0	12 8	12 8	12 8	12 0	12 0	Belgaum	
	Dharwar (Hubli)	23 0	24 0	24 0	...	...	...	11 0	11 0	14 0	12 0	12 0	17 0	26 1	25 3	43 0	25 0	27 0	43 [illegible]	28 0	28 0	49 0	14 0	14 0	21 0	80 0	80 0	80 0	9 8	9 13	8 12	9 0	9 0	8 0	Dharwar (Hubli)	
	Ratnágiri	11 3	11 14	11 3	...	...	...	10 0	10 10	8 9	16 15	16 15	14 2	20 13	20 13	20 13	19 10	19 10	15 [illegible]	28 8	28 8	18 13	15 6	15 6	16 13	150 0	150 0	180 0	14 6	14 6	11 0	14 4	14 4	11 0	Ratnágiri	
	Kanara (Karwar)	16 0	16 0	15 0	...	...	...	8 0	8 0	7 0	15 0	15 0	16 0	20 0	20 0	26 8	16 0	16 0	16 [illegible]	22 0	22 0	24 6	15 0	15 0	16 0	213 5	213 5	213 5	13 0	12 3	11 0	12 0	11 7	10 0	Kanara (Karwar)	
	Pánch Mahals (Godhra)	12 5	12 5	11 6	...	...	...	11 6	11 6	11 6	15 0	15 0	16 0	26 10	26 10	30 0	16 0	16 0	32 [illegible]	23 0	23 0	50 0	26 10	26 10	32 0	200 0	200 0	200 0	16 0	16 0	...	15 4	15 4	11 6	Pánch Mahals (Godhra)	
	Aden	8 0	8 0	8 0	...	...	...	6 8	6 8	6 8	7 0	7 0	7 0	11 3	11 3	8 9	5 9	5 9	5 8	...	...	...	9 5	9 5	9 5	65 5	65 5	65 5	...	...	...	32 0	32 0	32 0	Aden	
	Asirgarh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Asirgarh	
	Baroda	10 14	12 0	12 5	13 11	14 9	22 14	8 9	8 9	8 9	11 7	12 0	13 2	16 0	17 2	25 2	14 5	14 14	21 12	...	...	...	16 9	17 2	20 9	85 0	85 0	86 0	14 5	14 5	11 11	14 5	14 5	11 7	Baroda	
	Diisa	15 0	16 0	17 4	...	...	...	6 6	6 6	6 2	8 6	8 6	8 2	19 0	19 0	28 6	18 15	17 8	26 [illegible]	...	...	...	18 14	18 4	20 8	137 8	137 8	137 8	13 8	13 8	10 8	13 0	13 0	9 8	Diisa	
	Nimach	16 0	16 0	18 8	20 0	20 0	25 8	8 8	8 8	7 8	10 0	10 0	9 0	21 0	21 0	30 0	20 0	20 0	24 [illegible]	...	...	...	18 8	18 0	24 4	160 0	160 0	160 0	...	...	...	11 0	10 0	9 8	Nimach	
	Nasirabad	17 22½	17 8	18 6½	23 10½	23 8½	27 9½	6 0	6 0	6 0	7 0	7 0	7 0	27 5½	28 0	31 5½	18 5½	19 0	19 5	...	...	...	25 0	25 0	26 3½	90 0	90 0	90 0	•16 6½	•16 6	...	16 0	16 0	13 0	Nasirabad	
	Rájkot	13 10	14 4	20 0	...	...	...	6 0	6 0	5 8	11 0	11 0	12 0	16 0	16 0	28 0	14 6	14 12	24 [illegible]	...	...	...	18 12	19 12	27 8	80 0	80 0	90 0	†55 0	†70 0	†50 0	65 0	65 0	...	Rájkot	
	Upper Sindh Frontier	15 0	14 8	12 5	26 0	25 8	17 12½	12 5	12 0	8 6½	22 12	22 8	13 5½	32 0	32 0	20 0	29 0	32 0	30 [illegible]	40 0	22 0	22 0	17 4½	160 0	160 0	320 0	112 1	†10 10	†20 0	12 0	10 8	10 0	Upper Sindh Frontier	
	Karachi	12 0	12 0	12 10	23 0	23 0	21 0	9 8	9 8	9 0	16 0	16 0	13 0	23 0	22 0	18 0	17 0	17 0	18 [illegible]	18 8	9 8	17 0	16 0	21 0	105 0	105 0	105 0	17 13	17 13	13 8	17 0	17 0	13 0	Karachi	
	Haidarabad (Nakur)	17 0	15 0	12 0	20 0	19 0	20 0	12 0	12 0	10 0	18 0	18 0	14 0	24 0	25 0	20 0	13 0	13 0	20 [illegible]	...	...	...	10 0	10 0	11 0	480 0	480 0	320 0	14 0	14 0	10 0	14 0	14 0	10 0	Haidarabad (Nakur)	
	Shikarpur	15 8	15 8	13 0	30 0	31 0	18 8	11 0	12 0	8 8	17 0	18 0	13 5	27 0	28 0	19 [illegible]	23 0	24 0	19 [illegible]	24 0	24 0	...	21 0	22 0	12 0	160 0	160 0	150 0	13 8	13 0	11 4	13 0	13 0	11 0	Shikarpur	
	Thar and Parkar (Umarkot)	18 2	15 13	15 11	...	...	...	...	...	...	14 0	12 13	9 8	...	...	...	...	...	...	...	...	...	...	...	...	160 0	160 0	160 0	10 11	10 11	9 10	10 11	10 11	9 10	Thar and Parkar (Umarkot)	
	Western Districts.																																		*Western Districts.*	
	Burdwan	16 0a	16 0	20 0	30 0	35 0	30 0	29 0	29 0	26 4	32 8	33 0	28 8	...	...	...	...	...	...	...	...	...	26 0	23 0	26 0	160 0	160 0	80 0	Prices per md. of 40 seers. Rs. A. P. 2 12 0	Rs. A. P. 2 12 0	Rs. A. P. ...	13 5	13 5	10 0	Burdwan	
	Bancoorah	13 12b	17 0	29 0	16 0	18 0	28 0	25 0	25 0	25 0	35 8	35 8	32 0	...	...	...	...	...	...	...	...	...	20 8	21 0	20 0	320 0	320 0	320 0	3 2 0	3 4 0	...	12 12	12 0	9 0	Bancoorah	
	Beerbhoom	16 0c	15 0	19 0	...	...	...	24 0	24 0	21 0	31 0	28 8	28 0	...	...	...	...	...	...	...	...	...	25 8	26 8	26 8	200 0	200 0	180 0	3 3 6	3 5 3	...	12 0	12 0	9 0	Beerbhoom	
	Midnapore	14 8	14 8	15 8	...	...	...	20 0	20 0	27 0	28 0	28 0	30 0	...	...	...	...	...	...	...	...	...	19 0	19 0	18 0	160 0	160 0	160 0	3 0 0	3 0 0	...	13 0	13 0	9 0	Midnapore	
	Hooghly	19 0d	20 0	18 0	...	...	...	10 0	10 0	10 0	20 0	20 0	20 0	...	...	...	...	...	...	...	...	...	22 0	21 0	20 0	100 0	100 0	120 0	2 12 0	2 12 0	...	13 0	13 0	9 0	Hooghly	
	Howrah	16 0	16 0	15 0	...	...	...	17 8	17 8	16 0	21 8	22 8	20 0	...	...	...	...	...	...	...	...	...	22 8	22 8	20 0	80 0	80 0	80 0	2 14 0	2 14 0	4 0 0	13 0	13 0	...	Howrah	

a In the sub-divisions retail prices of salt are as follow:—Culna 15 seers, Cutwa 10-8 seers, and Kanesgunge 13-4 seers.
b In the interior retail prices of salt range from 9 to 16 seers.
c In the interior retail prices of salt range from 15 to 16 seers.
d Retail price of salt in Serampur 13 seers.
* Sambhur
† Common.
‡ In common use.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT INDIA FOR THE 2nd HALF OF APRIL 1882 —*continued.*

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

Provinces.	Districts.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholum, Jowar), *Holcus Sorghum.* Present fortnight.	Great Millet (Cholum, Jowar), *Holcus Sorghum.* Past fortnight.	Great Millet (Cholum, Jowar), *Holcus Sorghum.* Corresponding fortnight of 1881.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.* Present fortnight.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.* Past fortnight.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.* Corresponding fortnight of 1881.	Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Coraloo, Murhwa, Naglee), *Panicum Miliaceum, &c.* Present fortnight.	Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Coraloo, Murhwa, Naglee), *Panicum Miliaceum, &c.* Past fortnight.	Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Coraloo, Murhwa, Naglee), *Panicum Miliaceum, &c.* Corresponding fortnight of 1881.	Gram. Present fortnight.	Gram. Past fortnight.	Gram. Corresponding fortnight of 1881.	Firewood. Present fortnight.	Firewood. Past fortnight.	Firewood. Corresponding fortnight of 1881.	Salt. Wholesale prices per maund of 40 seers. Present fortnight.	Salt. Wholesale prices per maund of 40 seers. Past fortnight.	Salt. Wholesale prices per maund of 40 seers. Corresponding fortnight of 1881.	Salt. Retail. Present fortnight.	Salt. Retail. Past fortnight.	Salt. Retail. Corresponding fortnight of 1881.	Districts.	Provinces.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. A. P.	Rs. A. P.	Rs. A. P.	S. Ch.	S. Ch.	S. Ch.		
	Central Districts.																															*Central Districts.*	
	Calcutta	14 9	14 9	17 12	32 0	26 14	37 10	10 0	10 0	7 4	20 0	20 0	17 12	32 0	29 0	37 10	...	...	...		24 10	24 10	26 14	90 0	90 0	90 0	2 10 0	2 8 0	...	13 8	13 8	10 0	Calcutta	
	24-Pergunnahs	13 5e	12 5	13 5	22 8	20 0	21 4	10 0	10 0	8 0	20 0	20 0	17 8	16 0	...	...	...	...	...		20 0	20 0	20 0	90 0	100 0	80 0	3 8 0	3 0 0	...	11 0	10 8	10 0	24-Pergunnahs	
	Nuddea	16 7f	16 13	16 0	32 0	32 0	32 0	20 0	21 5	17 4	21 5½	22 15	21 5½	...	...	...	...	...	...		26 0	26 0	29 0	...	...	...	3 0 0	3 0 0	...	12 13½	12 13½	9 13½	Nuddea	
	Jessore	20 0g	17 0	17 0	...	...	...	23 0	23 0	21 0	29 4	29 0	29 0	...	...	...	...	...	...		28 0	22 8	20 0	110 0	110 0	110 0	3 2 0	3 8 0	...	11 8	11 8	8 0	Jessore	
	Moorshedabad	20 0h	20 0	20 0	...	...	...	18 0	18 0	20 0	28 0	28 0	28 8	...	...	...	...	...	...		32 0	32 0	32 0	120 0	120 0	120 0	3 12 0	3 12 0	...	10 0	10 0	8 0 to 9 0	Moorshedabad	
	Dinagepore	15 9i	15 3⅓	16 0	27 8	22 13	27 0	25 8	23 4	21 9	32 6	32 0	31 0	...	...	...	...	...	...		24 0	17 12	19 0	160 0	160 0	180 0	3 4 0	3 8 0	...	...	...	8 8	Dinagepore	
	Rajshahye	16 0j to 20 10	18 12	16 8 to 22 8	48 12	45 0	60 0	19 11 to 21 0	21 0	21 0 to 24 0	24 0 to 26 4	26 4	28 0 to 30 0	...	...	...	...	...	...		27 3 to 28 2	28 0	22 8 to 30 0	240 0	240 0	250 0	3 5 3	3 1 0	...	12 0	13 0	9 0	Rajshahye	
	Rungpore	15 0k	15 0	18 0	...	...	...	16 0	15 0	15 0	25 14	25 14	22 13	...	...	...	...	...	...		15 0	20 0	12 0	125 0	135 0	120 0	3 5 0	4 0 0	...	11 8	9 8	8 12	Rungpore	
	Bogra	19 14	19 14	24 0	...	...	...	18 0	19 8	24 0	30 0	30 0	37 8	...	...	...	...	...	...		19 8	21 12	18 12	67 8	67 8	67 8	3 2 8	3 2 8	...	12 0	12 0	8 7	Bogra	
	Pubna	20 0l	21 0	23 12	...	...	...	10 0	10 0	6 12	25 8	26 8	32 0	...	...	...	...	...	...		22 0	23 0	26 4	200 0	200 0	200 0	3 0 0	3 5 4	...	13 5	12 0	9 4	Pubna	
	Darjeeling	8 0	8 0	8 0	8 0	8 0	8 0	7 0	5 0	5 0	14 0	14 0	14 0	...	...	...	...	...	...		10 0	10 0	8 0	160 0	160 0	160 0	5 0 0	5 0 0	...	6 0	6 0	5 0	Darjeeling	
	Jalpaiguri	9 0m	9 0	10 0	20 0	20 0	...	16 0	18 0	16 0	23 0	24 0	22 0	...	...	...	...	...	...	9 0	16 0	16 0	13 5	128 0	128 0	64 0	3 5 0	3 5 0	...	11 0	11 0	8 0	Jalpaiguri	
	Eastern Districts.																															*Eastern Districts.*	
	Dacca	16 0n	17 0	16 0	40 0	53 0	45 0	25 0	21 4	29 0	29 0	29 0	35 0	...	...	...	...	...	...		25 0	24 5	18 0	91 4	91 4	106 0	2 15 0	3 2 0	...	13 5	12 4	9 8	Dacca	
	Furreedpore	22 0o	22 0	22 0	30 0	30 0	30 0	24 0	24 0	7 0	26 0	26 0	25 0	...	...	...	...	...	...		16 0	16 0	12 0	...	...	...	3 1 3	3 1 3	...	12 0	12 0	9 8	Furreedpore	
	Backergunge	... p	...	...	...	...	...	24 0	24 0	20 0	29 0	29 0	38 0	...	...	...	...	...	...		21 0	21 0	18 8	100 0	100 0	100 0	3 11 0	3 11 0	...	10 9	10 9	8 12	Backergunge	
	Mymensingh	10 0q	10 0	11 8	...	...	...	23 0	20 0	21 0	30 0	30 0	26 0	...	...	...	...	...	...		17 0	20 0	19 0	...	...	...	3 2 0	3 4 0	...	12 8	12 0	9 4	Mymensingh	
	Tipperah	13 4	13 4	13 4	...	...	...	22 0	26 8	27 0	32 0	33 0	37 0	...	...	...	...	...	...		20 0	20 0	18 0	...	...	...	3 6 0	3 4 0	...	...	...	9 8	Tipperah	
	Chittagong	9 0r	9 0	12 4	...	...	...	16 0	17 0	16 0	28 0	28 0	26 0	...	...	...	...	...	...		16 0	16 0	13 0	80 0	80 0	80 0	2 11 0	2 11 0	3 14 0	13 0	10 0	7 0	Chittagong	
	Noakholly	... s	...	...	...	...	...	26 0	27 0	26 0	32 0	32 0	31 0	...	...	...	...	...	...		16 0	16 0	16 0	...	...	...	4 4 0	4 6 0	...	9 0	8 8	8 0	Noakholly	
	Chittagong Hill Tracts	...	...	...	...	...	...	14 8	14 8	16 0	17 12	17 12	17 8	...	...	...	...	...	...		...	...	...	320 0	320 0	320 0	4 0 0	4 8 0	...	9 0	8 0	8 0	Chittagong Hill Tracts	
	Hill Tipperah	10 0	10 0	10 0	...	...	...	28 0	28 0	32 0	38 0	39 0	40 0	...	...	...	...	...	...		13 0	18 0	10 5	...	...	...	4 0 0	4 0 0	...	10 0	10 0	8 0	Hill Tipperah	
	Behar.																																	
	Patna	19 8	19 0	24 0	40 0	50 0	40 0	12 0	13 6	16 0	22 0	21 0	24 0	...	...	...	...	...	...		36 0	42 8	39 0	180 0	180 0	180 0	3 15 6	3 15 6	...	9 1	9 1	...	Patna	
	Gya	21 0t	19 8	22 0	30 0	30 0	40 0	11 8	11 0	13 8	22 0	22 0	23 0	...	...	...	...	...	...		27 8	29 0	30 0	160 0	160 0	160 0	3 6 0	3 6 0	...	12 0	11 8	9 0	Gya	
	Shahabad	15 8u to 17 0	16 0 to 17 0	22 0 to 23 0	35 0	35 0	39 0	20 0 to 22 0	20 0 to 22 0	22 0	23 8	24 0	23 0 to 24 0	...	...	...	...	...	...		32 0	32 0	40 0	120 0	120 0	120 0	3 2 0	3 2 0	...	12 0	12 0	9 8	Shahabad	
	Durbhunga	15 0v	15 0	20 0	28 0	28 0	35 0	13 0	13 0	13 0	17 0	17 0	22 0	...	...	...	...	...	...		28 0	28 0	29 0	160 0	160 0	140 0	3 4 0	3 5 4	...	12 0	12 0	8 8	Durbhunga	
	Mozufferpore	19 0w	19 0	25 0	32 0	30 0	45 0	12 0	12 0	11 0	18 0	17 0	24 0	...	...	...	...	...	...		...	30 0	29 0	31 4	140 0	140 0	140 0	3 4 0	3 8 0	...	12 0	12 0	9 6	Mozufferpore	
	Saran	15 8	15 8	20 0	32 0	35 0	42 0	10 0	10 8	10 8	22 0	22 0	22 0	37 0	38 0	40 0	...	...	...		32 0	31 0	33 0	160 0	160 0	160 0	3 4 0	3 8 0	...	11 0	11 0	8 8	Sarun	
	Chumparun	18 8x	...	22 0	43 0	...	45 0	12 0	12 0	14 0	23 0	22 0	21 0	...	...	...	...	...	...		28 0	24 0	35 0	...	...	...	3 8 0	4 8 0	...	10 8	10 0	8 0	Chumparun	
	Monghyr	20 0y	19 14	23 1	27 12	31 8	42 0	16 12	20 0	16 12	21 0	23 4	21 0	...	...	...	...	...	...		33 9	34 10	33 9	126 0	120 0	126 0	3 2 6	3 13 0	...	10 8	9 3	8 6	Monghyr	
	Bhágalpur	17 1z	17 11	18 15	34 0	37 14	50 8	18 15	20 3	18 15	22 11	25 4	21 7	...	...	...	...	...	...		32 2	32 13	32 12	138 6	138 4	126 4	3 3 0	3 0 0	...	12 10	11 5	9 6	Bhágalpur	
	Purneah	18 0a1	16 0	22 0	40 0	...	40 0	24 0	22 0	24 0	28 0	30 0	28 0	...	...	...	...	...	...		25 0	23 0	26 0	160 0	160 0	120 0	4 0 0	4 0 0	...	10 0	10 0	8 0	Purneah	
	Maldah	20 0	16 0	22 0	...	...	...	18 0	17 0	16 0	25 0	23 0	28 0	...	...	...	...	...	...		28 0	25 0	28 0	120 0	120 0	100 0	3 6 0	3 10 0	...	10 0	9 0	9 0	Maldah	
	Southal Pergunnahs	15 0z2	13 0	14 0	...	...	...	24 0	25 0	25 0	27 0	30 0	28 0	...	...	...	...	...	...		24 0	22 0	21 0	200 0	200 0	200 0	3 12 0	3 12 0	...	10 0	10 0	8 0	Southal Pergunnahs	
	Orissa.																															*Orissa.*	
	Cuttack	14 7	15 12	21 0	...	...	...	14 7	14 7	15 12	28 14	28 14	26 4	...	...	...	...	...	...		23 10	23 10	26 4	160 0	160 0	160 0	3 0 0	3 0 0	3 8 0	13 0	13 0	11 0	Cuttack	
	Pooree	13 8z3	14 0	19 11	...	...	...	28 0	28 0	24 15	36 0	36 0	32 13	...	...	...	...	...	...		18 0	17 0	21 0	105 0	105 0	100 0	3 6 0	3 6 0	...	11 0	11 0	11 13	Pooree	
	Balasore	16 0z4	16 0	16 0	...	...	...	26 0	26 0	32 0	32 0	32 0	40 0	...	...	...	...	...	...		16 0	16 0	13 5	160 0	160 0	160 0	3 2 0	3 2 0	4 6 0	13 0	13 0	9 4	Balasore	
	Chota Nagpore—South-Western Frontier Agency.																															*Chota Nagpore—South-Western Frontier Agency.*	
	Hazaribagh	16 0z5	16 0	24 0	24 0	27 0	40 0	12 0	12 0	13 0	21 0	22 0	23 0	...	...	...	...	...	...		21 0	21 0	26 0	240 0	240 0	200 0	3 7 3	3 10 0	...	11 0	10 0	8 0	Hazaribagh	
	Lohardugga	20 0z6	19 0	22 0	30 0	30 0	32 0	22 0	22 0	21 0	26 0	26 0	24 0	...	...	...	...	...	...		22 0	20 0	26 0	140 0	140 0	160 0	4 0 0	4 0 0	...	9 0	9 0	7 8	Lohardugga	
	Singbhoom	24 0	24 0	24 0	32 0	32 0	40 0	36 0	36 0	32 0	40 0	40 0	36 0	...	...	...	...	...	...		24 0	24 0	24 0	180 0	180 0	160 0	4 0 0	4 0 0	...	8 0	8 0	7 0	Singbhoom	
	Manbhoom	16 0z7	15 8	17 0	...	34 0	40 0	23 8	22 0	21 0	36 0	34 0	29 0	...	...	45 0	...	...	...		20 0	20 0	20 0	140 0	120 0	140 0	3 8 0	3 8 0	...	11 0	11 0	9 0	Manbhoom	

BENGAL—*continued.*

d In the sub-divisions retail prices of salt are as follow :—Diamond Harbour 10-8 seers, Barripore 10 seers, Barrackpore 12 seers, Baraset, Bussirhat and Satkhira, 13 seers, and Dum-Dum 11-8 seers.
e In the sub-divisions retail prices of salt are as follow :—Kooshtea 13 seers, Meherpore 12 seers, Choondanga 12-8 seers, Ranaghat 12-14 seers, and Bongong 13-5 seers.
f In the sub-divisions retail prices of salt are as follow :— Jhenida, Magoora and Narail 12 seers, Khoolna 11 10 seers, and Bagirhat 11 seers.
g In the sub-divisions retail prices of salt are as follow :— Laibagh 10 seers, Jungypore 12 seers, and Kaudi 11-8 seers.
h Retail price of salt at Kaigunge 10-4 seers, and at Nitpore 10 seers.
i In Bauleah retail price of salt is 12 seers.
j In the sub-divisions retail prices of salt are as follow :—Gaibaunda 10 seers and Kurigram 9 seers.
k In Goreegunge retail price of salt is 17 seers.
l Retail price of salt at Fallacotta in the Alipore sub-division is 6-8 seers.
m In the interior retail prices of salt are as follow :—Manickgunge 12 seers, Moonsheegunge 10-10½ seers, Roopgunge 10-8 seers, and Naraingunge 13-8 seers.
n In the sub-divisions retail prices of salt are as follow :—Goalundo 12 seers and Mudaripore 13 seers.
o In the sub-divisions retail prices of salt are as follow :—Patuakhali 10-10 seers, Ferozepore 11 seers, and Bhola 10 seers.
p In the interior retail prices of salt range from 11 to 13-5 seers.
q Retail prices of salt at Hattia 9 seers, Kumarian, and Cox's Bazar 10 seers.
r In the interior retail prices of salt range from 8 to 11 seers.
s In Jehanabad retail price of salt is 12 seers.
t In the sub-divisions retail prices of salt are as follow :—Buxar 10 seers, Sasseram 11 seers, and Bhabooah 10-8 seers.
u In the sub-divisions retail price of salt is 10 seers, and in Madhubani 11 seers.
v In Tajpore retail price of salt is 12-4 seers.
w In Hajeepore retail prices of salt range from 9 to 13 seers.
x In the interior retail prices of salt are as follow :—Begoosarai 11 seers and Jamui 12-4 seers.
y In the sub-divisions retail prices of salt are as follow :—Banka and Soopole 10 seers, Mudehpoora 10-10 seers.
z In the sub-divisions retail prices of salt are as follow :—Banka and Soopole 10 seers, Mudehpoora 10-10 seers.
a1 In the sub-divisions retail price of salt is 8 seers.
a2 In Kissengunge and Arrareah sub-divisions retail price of salt is 10 seers.
a3 In Godda and Sarowni retail price of salt is 13 seers.
a4 In Khoorda retail price of salt is 10 seers.
a5 In Bhadrak retail price of salt in Chatra 10 seers, and in Kharagdiha 11 seers.
a6 Retail price of salt in Daltongunge 9 seers.
a7 Retail price of salt at Daltongunge from 10 to 12 seers.
a8 In the interior retail prices of salt range from 10 to 12 seers.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT INDIA FOR THE 2nd HALF OF APRIL 1882—*continued*.

QUANTITIES PER RUPEE.

Districts.	Wheat.			Barley.			Rice (best sort).			Rice (common).			Great Millet (Cholum, Jowar), *Holcus Sorghum*.			Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata*.			Lesser Millets, Ragi, &c. (Kavaru, Varagu, Sawee, Cheena, Coraloo, Murhwa, Nugulee). *Panicum Miliaceum, &c.*			Gram.			Firewood.			Salt. Wholesale.			Salt. Retail.			Districts.
	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	
	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. A.	Rs. A.	Rs. A.	S. Ch.	S. Ch.	S. Ch.	
																											per maund.						
Sylhet	13 0	13 0	13 0	...	...	...	17 0	17 0	16 0	35 0	35 0	28 0	...	...	...	...	...	...	...	...	...	17 8	24 8	15 0	108 0	108 0	108 0	3 4	...	...	12 0	11 12	8 8	Sylhet
Cachar	9 2	11 6	10 0	16 0	20 0	16 0	16 0	24 10	17 12	21 5	29 1	20 0	...	...	...	...	...	...	...	...	...	16 0	21 5	24 8	80 0	80 0	64 0	3 8	...	...	9 2	12 4	8 10	Cachar
Goálpárá	32 0	26 10	17 2	...	...	...	13 4	11 0	13 5	20 0	20 0	17 12	...	...	...	...	...	...	...	...	...	16 0	16 0	11 6	120 0	120 0	120 0	3 8	...	...	10 2	10 0	8 0	Goálpárá
Gáro Hills	4 0	4 0	4 0	...	...	...	5 0	5 0	5 0	20 0	20 0	18 0	...	...	...	...	...	...	...	...	...	8 0	8 0	6 8	160 0	160 0	160 0	5 6	...	...	6 6	6 6	5 5	Gáro Hills
Kámrúp	19 0	17 0	14 0	...	...	...	12 0	13 0	18 0	18 0	17 0	22 0	...	...	...	...	...	...	...	...	...	13 0	12 0	13 0	200 0	160 0	200 0	3 9	...	...	10 8	11 0	8 0	Kámrúp
Darrang	...	...	5 8	...	...	...	10 0	10 0	8 0	16 0	16 0	16 0	...	...	...	...	...	...	...	...	...	9 3	8 9	7 14	160 0	160 0	160 0	4 8	...	...	8 0	8 0	7 0	Darrang
Nowgong	...	...	...	...	...	...	13 8	13 8	10 0	16 0	16 0	16 0	...	...	...	...	...	...	...	...	...	8 0	8 0	8 0	120 0	120 0	100 0	5 0	...	...	8 0	8 0	8 0	Nowgong
Sibságar	...	...	...	...	...	...	6 8	6 8	8 0	16 0	16 0	12 0	...	...	...	...	...	...	...	...	...	10 0	10 0	8 0	80 0	80 0	120 0	4 8	...	...	8 8	6 8	6 8	Sibságar
Lakhimpur	8 0	8 0	9 0	10 0	10 0	...	7 0	7 0	8 0	16 0	16 0	14 0	...	...	...	...	...	...	...	...	...	11 0	11 0	10 0	120 0	120 0	80 0	5 0	...	...	8 0	8 0	7 0	Lakhimpur
Khási & Jaintiá Hills	7 5	...	8 0	6 0	...	...	10 0	8 0	8 0	11 0	9 0	10 0	...	...	...	...	...	...	...	...	...	10 0	8 0	...	...	...	...	5 8	...	...	7 4	7 4	5 5	Khási & Jaintiá Hills
Nága Hills	...	...	...	...	...	...	4 0	4 0	5 0	8 0	8 0	6 0	...	...	...	...	...	...	...	...	...	2 0	2 0	3 0	120 0	120 0	120 0	15 0	...	...	2 11	2 11	2 0	Nága Hills
Dehra Dún	19 0	19 8	17 0	32 0	33 0	29 0	11 4	12 0	11 0	13 0	13 8	12 8	24 0	24 0	20 0	24 0	26 0	17 0	...	...	...	24 0	27 6½	27 7	160 0	160 0	160 0	11 8	10 8	10 8	10 8	9 8	9 8	Dehra Dún
Saháranpur	21 8	21 9	18 13	30 2	32 5	28 1	10 12	10 12	8 10	12 14½	12 15	11 14	24 11½	24 13	25 14	25 13	25 14	21 8	...	...	...	19 14	19 14	19 14	150 8	150 0	147 8	12 6	11 14	10 3	11 13½	11 14	10 13	Saháranpur
Muzaffarnagar	21 0	21 0	21 8	33 0	35 5	33 0	6 9	6 9	6 9	14 5	14 5	14 5	30 4	30 4	26 6	28 10	28 10	21 0	...	...	...	25 5	26 6	22 0	132 0	132 0	132 0	11 8	11 8	10 6	11 2	...	...	Muzaffarnagar
Meerut	19 0	18 8	23 0	24 8	26 0	33 0	6 0	6 0	6 0	16 0	16 0	14 0	28 8	28 8	22 0	26 0	22 0	20 0	...	...	...	23 0	23 0	23 0	110 0	110 0	110 0	11 8	11 8	10 0	11 0	11 0	9 8	Meerut
Bulandshahr	20 12	19 14	21 2	27 0	27 8	29 0	6 0	6 0	6 0	10 11	10 11	12 0	26 0	26 0	21 8	22 0	22 0	20 0	...	...	...	24 8	24 0	22 12	120 0	120 0	140 0	11 8	11 8	10 12	...	...	...	Bulandshahr
Aligarh	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	No return received			Aligarh
Kumaun	17 0	18 0	12 8	20 0	20 0	15 0	10 0	10 0	8 0	13 0	14 0	11 0	...	...	...	...	...	...	...	...	...	13 0	13 8	12 0	200 0	200 0	160 0	...	...	...	...	...	...	Kumaun
Garhwál	22 0	22 0	17 8	28 0	28 0	20 0	10 0	10 0	9 0	16 0	16 0	12 4	...	...	...	...	...	...	...	...	...	9 0	9 0	10 0	320 0	320 0	200 0	...	...	...	...	...	...	Garhwál
Bijnor	18 9	18 9	21 6	28 2	27 9	30 6	11 11	12 6	11 8	12 15	12 15	13 8	27 0	27 0	20 4	20 4	21 6	18 0	...	...	...	22 8	25 5	23 10	135 0	135 0	135 0	...	...	...	10 4	10 4	9 7	Bijnor
Moradabad	20 10	21 9	21 14	28 12	28 12½	27 9½	9 9½	9 9½	6 0	15 9½	15 14	14 0	...	24 0	...	...	...	21 0	...	...	...	21 14	22 8	21 14	125 0	125 0	120 0	12 10½	...	...	12 8	13 2	10 10	Moradabad
Budaun	21 0	21 0	21 0	27 9½	28 12½	27 9½	9 9½	9 9½	6 0	15 9½	15 14	14 0	...	24 0	...	...	...	21 0	...	...	...	21 0	22 3	22 3	192 0	192 0	192 0	...	...	...	...	...	...	Budaun
Bareilly	20 10	20 10	20 10	27 8	26 14	28 12	8 2	7 8	7 8	15 10	15 0	15 0	28 12½	28 12½	29 0	20 0	22 8	22 0	...	...	...	21 4	20 10	20 10	125 0	125 0	137 8	11 6½	...	...	10 10	10 0	9 11	Bareilly
Shahjahánpur	21 8	22 8	23 6	29 8	29 8	35 0	9 4	9 4	7 8	15 8	16 0	14 0	...	...	...	...	...	...	...	...	...	22 4	22 8	22 8	200 0	200 0	170 0	12 0	11 8	10 4	11 8	10 8	9 14	Shahjahánpur
Tarái Pergunnahs	22 0	23 0	24 0	41 0	40 0	41 0	8 12	10 0	8 12	15 0	15 0	14 0	25 0	25 0	21 0	23 0	23 0	20 0	...	...	...	19 0	19 0	21 4	120 0	120 0	120 0	...	...	...	...	...	...	Tarái Pergunnahs
Muttra	18 8	18 0	19 8	24 0	24 0	25 8	...	...	...	15 0	15 0	14 0	24 0	25 0	22 0	21 0	22 0	...	...	...	...	23 0	23 8	21 0	110 0	110 0	90 0	...	...	...	...	...	...	Muttra
Agra	18 0	18 8	18 0	23 0	24 8	21 0	6 0	6 0	4 12	14 0	14 8	13 8	24 0	25 0	22 0	21 0	22 0	...	...	...	...	22 14½	23 8	22 11	156 8	156 8	156 12	11 9	11 9	10 8	10 14	...	...	Agra
Farukhabad	19 7	18 15	21 2	26 8½	26 10½	29 15	8 3	8 3	6 7	15 5½	16 0	14 5	...	26 9	...	...	...	24 14½	...	...	...	23 0	23 8	23 11	160 0	160 0	160 0	...	...	...	10 0	10 8	8 4	Farukhabad
Mainpuri	20 0	20 0	18 0	25 0	25 0	24 8	5 0	5 0	4 4	12 0	12 0	12 8	...	...	...	...	...	...	...	...	...	26 8	27 8	26 8	120 0	120 0	120 0	...	...	...	10 0	9 8	8 8	Mainpuri
Etáwah	19 8	20 8	20 0	24 8	23 0	24 8	6 0	6 0	6 0	14 8	14 8	15 0	22 8	24 0	23 0	20 0	23 0	23 0	...	...	...	28 0	28 0	19 0	140 0	140 0	120 0	...	...	...	11 0	...	...	Etáwah
Etah	22 0	22 0	21 0	27 0	26 0	28 0	6 0	6 0	8 0	13 0	13 0	13 0	...	...	...	18 0	19 0	...	...	...	...	33 0	34 0	24 0	140 0	140 0	120 0	...	...	...	11 0	11 0	10 0	Etah
Jalaun	22 0	22 8	20 0	22 0	22 0	26 0	10 0	10 0	8 0	13 0	13 0	12 0	30 0	30 0	24 0	26 0	27 0	20 0	...	...	...	31 8	30 11	28 2½	200 0	200 0	200 0	...	...	...	...	...	...	Jalaun
Jhánsi	24 4	24 11	23 11	35 0	34 14½	34 7	9 8	9 8	7 8	15 0	15 6	13 0	30 14	30 3	31 0	...	...	...	...	...	...	34 0	34 0	34 0	200 0	200 0	200 0	...	...	...	...	...	...	Jhánsi
Lalitpur	26 0	25 0	25 0	39 0	36 0	32 0	10 0	10 0	9 0	14 0	14 0	11 0	36 0	34 0	35 0	32 0	32 0	26 0	...	...	...	25 0	28 0	26 0	150 0	150 0	170 0	12 12	...	...	12 8	12 0	10 8	Lalitpur
Cawnpore	21 0	21 0	22 0	28 8	29 0	29 0	11 0	11 0	10 0	16 8	16 8	16 0	32 0	32 0	32 0	27 0	28 0	28 0	...	...	...	26 4	28 0	20 8	200 0	200 0	200 0	9 10	...	...	9 6	9 14	9 4	Cawnpore
Fatehpur	18 12	19 4	19 12	26 12	28 0	25 8	10 0	10 10	9 8	17 0	17 0	14 0	...	...	...	...	...	14 0	...	...	...	35 0	34 0	24 0	160 0	160 0	200 0	...	...	...	...	...	...	Fatehpur
Bánda	22 0	22 0	20 0	30 0	25 0	25 0	10 0	10 0	10 0	16 0	16 0	16 0	35 0	35 0	27 0	33 0	33 0	26 0	...	...	...	30 4	29 6	23 4	160 0	160 0	160 0	12 0	...	...	10 0	...	...	Bánda
Allahabad	19 8	19 4	19 0	28 8	28 0	25 0	11 0	11 8	11 0	18 0	18 0	16 10	33 0	33 8	27 8	31 0	32 0	25 0	...	...	...	28 0	31 8	21 14	140 0	140 0	140 0	...	...	...	11 0	11 4	10 0	Allahabad
Hamírpur	20 0	19 11	19 2	...	23 10	21 6	...	...	...	11 0	14 0	15 12	16 0	28 0	31 8	23 10	...	19 8	...	...	...	28 4	25 6	25 6	169 8	169 8	169 8	9 2	...	...	8 15	8 15	7 12	Hamírpur
Jaunpur	21 3	21 3	21 3	33 2	31 12	28 4	8 7	8 7	8 7	14 2	15 8	16 15	...	...	...	22 9	22 9	22 9	23 0	23 0	26 9	32 6½	33 3	33 9½	160 0	160 0	120 0	...	...	...	...	...	...	Jaunpur
Gorakhpur	21 9½	20 13	25 3	36 0	36 0	50 6½	16 3	17 1½	16 10	21 9½	21 9½	23 6½	...	...	45 0	...	...	...	23 10	23 10	26 9	29 0	27 0	31 0	140 0	140 0	140 0	...	...	...	...	...	...	Gorakhpur
Basti	21 0	20 0	25 0	42 0	42 0	48 0	17 0	16 0	17 0	20 0	20 0	21 4	...	...	...	...	...	...	25 5	26 6	22 0	29 0	25 0	21 0	100 0	100 0	100 0	...	...	...	...	...	...	Basti
Azamgarh	20 10	19 15	19 3	31 0	31 0	32 7	10 5	10 5	8 14	16 4	16 4	15 8	41 4	41 4	...	...	...	...	23 14	23 14	23 11	30 4	30 4	30 4	140 0	120 0	120 0	11 4	...	...	9 9	9 9	9 0	Azamgarh
Mirzapur	17 0	17 0	19 0	26 0	26 0	26 8	10 0	10 0	9 0	18 0	19 0	15 0	27 0	27 0	28 0	25 0	25 0	26 0	23 13½	23 13½	23 14	30 4	35 12	35 12	103 0	103 0	180 0	...	...	...	...	...	...	Mirzapur
Benares	18 2	17 14	16 13	27 10	27 10	27 14½	13 0	13 0	11 15	20 1	20 9	20 0	28 11½	29 4	29 4	27 10	27 10	31 2	27 8	27 8	27 8	33 12	33 12	33 12	100 0	100 0	120 0	...	...	...	9 6	9 6	9 8	Benares
Gházipur	18 10	19 5	23 13	28 9	30 14	33 7	10 11	11 0	10 15	21 8½	20 0	19 5	36 1	36 1	41 8	27 1½	27 0	32 2	21 1	20 0	22 8	150 0	150 0	150 0	...	...	...	...	...	...	...	...	...	Gházipur
Balia	16 4	16 4	22 8	27 8	27 8	38 12	10 0	10 0	10 0	15 0	15 0	23 0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Balia
Pilibhít	21 12	20 12	22 8	35 0	31 12	35 0	15 0	15 2	15 0	17 10	17 10	17 8	...	25 8	...	...	21 0	...	23 3½	23 0	20 14½	117 8	120 0	120 0	9 8	9 8	9 8	9 0	9 0	9 0	Pilibhít
Lucknow	19 9½	19 12	21 5	29 2	28 13½	30 6½	6 0	6 0	6 0	14 13½	14 13½	15 0	27 8	27 2	30 0	25 2	25 0½	24 0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Lucknow
Unáo	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Unáo
Bára Banki	19 0	20 0	21 0½	29 0	28 0	32 0	10 0	10 0	8 0	19 0	19 0	15 0	32 0	34 0	34 0	24 0	24 0	18 0	26 0	26 0	24 0	130 0	130 0	130 0	120 0	120 0	120 0	10 0	10 0	10 0	9 8	9 8	9 0	Bára Banki
Sitapur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Sitapur
Hardui	19 0	18 8	20 5	28 2	28 2	33 12	7 8	7 8	5 10	13 2	13 2	13 2	...	21 9	...	...	22 8	...	18 12	18 12	23 7	240 0	240 0	240 0	240 0	240 0	240 0	8 7	8 7	8 7	7 8	7 8	...	Hardui
Kheri	20 0	20 8	22 8	29 0	27 12	24 0	7 0	7 0	7 0	16 0	16 0	16 0	34 0	28 0	...	...	...	...	20 0	20 8	27 0	200 0	200 0	200 0	200 0	200 0	200 0	9 8	9 8	10 0	10 6	10 0	12 0	Kheri
Fyzabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Fyzabad
Bharaich	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Bharaich
Gonda	23 8	21 4	25 2	38 12	35 0	41 0	15 12	17 0	17 0	20 0	20 0	17 8	43 0	42 0	43 0	26 0	27 0	28 0	30 4	30 4	29 4	240 0	200 0	200 0	11 4	...	...	11 0	11 0	9 8	Gonda
Rai Bareli	20 12	20 10	21 0	27 8	27 8	24 8	...	...	...	18 0	18 8	14 0	30 8	29 0	21 4	...	...	...	21 10	17 8	20 0	160 0	160 0	160 0	...	...	...	8 8	8 0	8 4	Rai Bareli
Sultánpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Sultánpur
Partábgarh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Partábgarh
Delhi	17 8	19 0	19 4	24 8	28 0	28 8	...	...	...	15 0	15 0	15 0	28 8	28 0	23 8	22 0	22 8	20 0	22 4	23 0	21 4	85 0	85 0	90 0	12 8	12 0	...	12 0	11 0	11 8	Delhi
Gurgaon [a]	18 8	18 8	20 8	27 0	27 0	29 4	...	...	...	13 0	13 0	13 0	26 0	24 0	24 0	22 0	23 0	20 0	22 8	22 8	23 8	140 0	140 0	120 0	12 0	12 0	...	12 0	12 0	10 0	Gurgaon
Karnál	19 8	20 0	19 0	32 0	35 0	32 0	...	...	...	12 0	12 0	12 0	31 0	31 0	26 0	20 0	24 0	22 0	26 0	26 8	24 0	160 0	160 0	160 0	11 12	11 0	...	11 8	10 12	10 0	Karnál
Hissar	20 0	20 0	16 0	32 0	31 0	24 0	...	...	...	10 0	10 0	10 0	36 0	35 0	26 0	29 0	31 0	21 0	29 8	32 0	25 0	80 0	80 0	100 0	12 8	12 0	...	11 8	11 8	10 8	Hissar
Rohtak	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	No return received			Rohtak
Sirsa [b]	23 0	20 4	17 0	41 0	38 0	32 0	...	...	...	14 0	14 0	12 0	45 0	45 0	26 0	33 12	33 8	21 0	35 12	38 0	27 0	120 0	120 0	120 0	11 8	11 8	...	11 0	11 0	10 0	Sirsa
Umballa	25 0	23 8	20 0	36 0	38 0	29 0	...	...	...	14 0	14 0	13 4	34 0	34 0	26 0	31 0	31 0	23 0	30 0	30 0	23 8	130 0	130 0	160 0	13 8	13 8	...	13 8	13 8	11 12	Umballa
Ludhiana	26 0	25 8	20 0	38 0	40 0	28 0	...	...	...	12 0	12 0	12 0	38 0	40 0	26 0	30 0	32 0	23 0	32 0	35 0	24 8	100 0	100 0	100 0	14 6	14 6	...	14 4	14 4	12 0	Ludhiana
Simla	...	...	14 0	...	...	20 0	...	...	...	12 0	13 8	11 0	...	...	...	...	...	...	21 0	21 0	16 0	90 0	90 0	90 0	10 12	10 8	...	10 1	9 14	9 0	Simla
Jullundur	29 8	33 8	19 0	44 0	41 0	32 0	...	...	...	9 0	9 0	8 0	38 0	36 0	28 0	23 0	23 0	16 0	31 0	31 8	22 0	105 0	105 0	100 0	14 8	13 14	...	14 0	13 8	11 12	Jullundur
Hoshiárpur	24 0	24 0	21 0	38 0	40 0	30 0	...	...	...	11 0	12 0	12 0	35 0	30 0	24 0	20 0	22 0	16 0	29 0	31 0	22 0	100 0	110 0	120 0	14 0	14 0	...	13 8	13 8	11 8	Hoshiárpur
Kangra	21 0	21 0	17 0	34 0	34 0	26 0	...	...	...	15 0	15 0	14 0	...	...	...	...	...	...	21 0	21 0	17 0	140 0	140 0	160 0	10 0	10 0	...	9 0	9 0	9 0	Kangra

Mandlai—Present 35 seers, past 40 seers, and corresponding 33 seers.

[a] The price of salt is gradually falling.

[b] Price of wheat, barley and bajra falling; gram rising.

[c] Price of barley, jowar and salt falling; gram rising.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT INDIA FOR THE 2nd HALF OF APRIL 1882 —*continued.*

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

Provinces.	Districts.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (*Cholam, Jowari*), *Holcus Sorghum.* Present fortnight.	Great Millet (*Cholam, Jowari*), *Holcus Sorghum.* Past fortnight.	Great Millet (*Cholam, Jowari*), *Holcus Sorghum.* Corresponding fortnight of 1881.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.* Present fortnight.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.* Past fortnight.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.* Corresponding fortnight of 1881.	Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Coraloo, Murwa, *Nugiee*), *Panicum Miliaceum*, &c. Present fortnight.	Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Coraloo, Murwa, *Nugiee*), *Panicum Miliaceum*, &c. Past fortnight.	Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Coraloo, Murwa, *Nugiee*), *Panicum Miliaceum*, &c. Corresponding fortnight of 1881.	Gram. Present fortnight.	Gram. Past fortnight.	Gram. Corresponding fortnight of 1881.	Firewood. Present fortnight.	Firewood. Past fortnight.	Firewood. Corresponding fortnight of 1881.	Salt. Wholesale. Present fortnight.	Salt. Wholesale. Past fortnight.	Salt. Wholesale. Corresponding fortnight of 1881.	Salt. Retail. Present fortnight.	Salt. Retail. Past fortnight.	Salt. Retail. Corresponding fortnight of 1881.	Districts.	Provinces.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.		
Punjab—*continued.*	Amritsar [a]	24 4	23 8	19 8	19 0	19 0	28 8	...	...	...	12 8	13 0	11 8	33 4	30 4	21 8	25 8	26 8	18 8	...	...	...	85 0	90 0	90 0	14 14	14 8	...	14 6	14 0	12 6	Amritsar	Punjab—*continued.*
	Siálkot	23 0	23 0	16 0	40 0	39 0	28 0	...	...	...	16 0	16 0	13 0	28 0	30 0	20 0	23 0	24 0	16 0	...	...	...	140 0	140 0	140 0	14 8	14 8	...	14 0	14 0	12 8	Siálkot	
	Gurdáspur	32 0	28 0	21 0	35 0	30 0	28 0	...	...	...	16 0	16 0	14 0	28 0	26 0	19 0	14 0	14 0	13 0	...	...	...	120 0	120 0	120 0	13 0	13 0	...	12 8	12 8	11 0	Gurdáspur	
	Lahore	23 0	23 0	19 0	39 0	42 0	29 0	...	...	...	10 0	10 0	9 0	35 0	22 0	26 0	26 0	26 0	19 0	...	...	...	70 0	80 0	80 0	15 0	12 0	...	14 0	11 0	11 0	Lahore	
	Ferozepore [b]	22 0	22 0	18 0	10 0	15 0	32 0	...	...	...	13 0	14 0	11 0	38 0	40 0	22 0	32 0	32 0	0 ...	...	...	...	70 0	80 0	70 0	...	14 0	...	13 8	13 8	11 8	Ferozepore	
	Gujránwála [c]	21 4	21 8	18 0	38 8	40 0	32 0	...	...	...	12 0	16 0	12 0	30 0	30 0	20 0	20 0	20 0	16 0	...	...	...	95 0	95 0	95 0	15 4	15 0	...	15 0	14 12	12 0	Gujránwála	
	Ráwalpindi [d]	19 8	19 12	13 12	33 0	35 0	22 0	...	...	...	9 8	9 8	6 8	26 0	27 0	20 0	23 12	21 0	17 0	...	...	...	80 0	80 0	40 0	14 0	14 0	...	13 12	13 12	10 12	Ráwalpindi	
	Jhelum [e]	19 0	19 8	15 8	28 0	29 0	23 0	...	...	...	8 0	8 0	8 0	28 0	29 0	19 0	23 0	23 0	17 0	...	...	...	90 0	90 0	90 0	16 0	16 0	...	15 8	15 8	13 8	Jhelum	
	Gujrát	23 0	20 12	15 12	39 8	39 8	28 8	...	...	...	12 0	12 0	8 0	21 0	27 0	20 8	29 0	29 0	18 0	...	...	...	100 0	100 0	100 0	...*	...*	...	15 0	15 0	12 8	Gujrát	
	Shahpúr	19 0	17 0	14 8	31 8	30 0	23 0	...	...	...	12 0	12 0	10 0	22 0	22 0	17 0	20 0	20 0	16 0	...	...	...	90 0	90 0	80 0	17 0	17 0	...	16 0	16 0	14 0	Shahpúr	
	Mooltan [f]	16 8	17 0	12 8	26 0	26 0	21 0	...	...	...	10 0	10 0	9 4	21 0	21 0	15 0	24 0	24 0	12 0	...	...	...	320 0	320 0	320 0	13 8	12 4	...	13 0	12 0	12 4	Mooltan	
	Jhang [g]	19 0	17 8	15 0	30 0	34 0	21 8	...	...	...	10 0	8 0	8 0	18 0	26 0	14 0	22 0	22 0	16 0	...	...	...	200 0	200 0	180 0	14 8	14 12	...	14 0	14 0	12 8	Jhang	
	Montgomery	22 0	21 0	13 8	32 0	30 0	19 0	...	...	...	5 8	5 8	5 0	32 0	30 0	...	24 0	24 0	...	...	...	...	200 0	200 0	200 0	11 4	11 4	...	10 4	10 4	10 8	Montgomery	
	Muzaffargarh	19 0	19 0	15 0	28 0	28 0	22 0	...	...	...	5 0	5 0	5 0	20 0	20 0	13 0	20 0	20 0	13 0	...	...	...	100 0	100 0	100 0	...*	...*	...	12 0	12 0	11 8	Muzaffargarh	
	Dera Ismail Khán	18 7	16 12	10 8	32 12	29 12	17 9	...	...	...	8 12	8 12	7 3	25 5	28 10	14 3	22 13	22 8	13 12	...	...	...	100 0	100 0	106 0	56 4	56 4	...	54 0	54 0	46 11	Dera Ismail Khan	
	Dera Gházi Khán	17 8	17 2	14 6	26 4	26 4	20 0	...	...	...	7 8	7 8	6 4	23 2	23 2	20 0	24 6	24 6	14 11	...	...	...	100 0	140 0	125 0	25 0	25 0	...	22 8	22 8	28 2	Dera Ghází Khan	
	Bannu	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	No return received				Bannu	
	Pesháwar	13 14	13 5	9 13	37 0	34 4	17 8	...	...	...	9 8	9 8	6 0	24 4	23 6	13 9	14 0	14 0	...	...	...	...	91 0	91 0	61 0	57 3	57 3	...	54 8	54 8	11 0	Pesháwar	
	Kohát [h]	13 11	12 12	8 15	28 0	25 8	19 2	...	...	...	12 2	11 8	7 0	20 6	18 8	10 13	16 9	16 9	9 14	...	...	...	102 0	127 0	76 8	97 0	91 13	...	86 0	81 9	45 14	Kohát	
	Házára	...	...	13 12	...	...	24 0	...	...	...	14 0	15 0	6 8	30 0	...	17 0	...	...	...	...	...	...	140 0	140 0	120 0	11 0	11 0	...	...	...	9 0	Házára	
Central Provinces.	Nágpur	19 4	19 12	22 4	...	...	...	8 8	8 8	9 12	17 4	17 4	16 4	28 12	30 12	21 4	...	...	...	...	...	...	24 12	24 12	26 0	150 0	150 0	120 0	11 4	11 0	10 8	11 0	10 12	10 4	Nágpur	Central Provinces.
	Bhandára	24 8	23 12	23 0	...	...	...	9 12	9 12	9 0	20 8	19 12	17 8	23 8	22 8	26 0	...	...	...	...	...	...	34 4	31 0	28 8	...	...	...	10 0	10 0	9 12	9 12	9 0	Bhandára	
	Chánda	22 0	22 0	25 0	...	...	...	...	...	...	16 0	15 0	17 0	30 0	30 8	38 0	...	...	...	...	...	...	36 0	31 0	28 0	360 0	360 0	360 0	...	...	...	11 0	10 0	8 0	Chánda	
	Wardha	22 8	22 12	24 8	...	...	...	8 12	8 12	8 12	12 12	12 12	14 12	34 0	34 0	28 0	...	...	...	...	...	...	22 12	22 12	25 4	135 0	135 0	135 0	10 12	10 12	10 8	10 12	10 8	Wardha	
	Bálaghát	26 0	25 0	25 0	...	...	...	17 8	17 8	15 0	26 0	26 0	25 0	...	...	...	...	...	...	...	...	...	35 0	35 0	34 0	275 0	275 0	275 0	10 8	10 8	...	10 0	10 0	9 8	Bálaghát	
	Jubbulpore	20 0	20 8	23 0	21 0	20 0	25 0	12 0	12 8	11 0	17 0	17 8	20 0	26 0	21 8	40 0	18 8	19 0	26 0	...	...	...	35 0	35 0	34 0	130 0	130 0	140 0	10 0	9 0	...	9 8	8 8	8 8	Jubbulpore	
	Saugor	24 0	24 0	27 0	...	...	31 0	8 0	8 0	8 0	10 0	10 0	10 0	32 0	32 0	40 0	26 0	26 0	32 0	...	...	...	30 0	30 0	37 0	160 0	160 0	160 0	8 8	8 8	8 4	...	8 4	8 0	7 12	Saugor	
	Damoh	28 0	28 0	37 0	...	...	...	12 12	12 12	11 12	13 12	13 12	15 12	...	...	75 0	...	...	...	...	...	...	39 0	39 0	44 0	200 0	200 0	200 0	8 8	8 4	7 8	8 4	8 0	7 4	Damoh	
	Seoni	24 0	24 0	26 0	...	...	...	13 8	13 0	13 0	18 0	18 0	19 0	...	...	...	...	...	...	...	...	...	29 0	30 0	35 0	220 0	220 0	200 0	7 0	6 0	6 8	6 8	5 12	6 8	Seoni	
	Mandla	27 0	25 4	28 0	...	...	...	16 0	15 0	16 0	22 8	20 0	22 8	...	...	...	...	...	...	32 0	35 0	57 8	57 8	55 0	256 0	256 0	256 0	...	...	...	7 8	8 0	5 8	Mandla	
	Betúl	18 0	19 0	21 0	...	...	...	9 0	9 0	12 0	10 0	10 0	13 0	20 0	24 0	40 0	...	...	...	18 8	21 0	25 0	20 0	24 0	32 0	240 0	240 0	240 0	9 8	9 8	8 8	9 0	9 0	9 0	Betúl	
	Chhindwára	22 0	22 0	22 0	...	...	...	10 0	10 0	10 0	14 0	14 0	14 0	28 0	31 0	30 0	...	...	...	20 0	21 0	20 0	28 0	33 0	30 0	200 0	200 0	200 0	9 0	9 0	9 0	8 0	8 0	8 0	Chhindwára	
	Hoshangabad	18 0	18 0	18 0	...	...	...	4 0	5 0	4 6	11 4	11 4	10 6	24 0	24 0	34 8	27 0	27 0	28 8	...	...	...	27 0	27 0	32 0	160 0	160 0	160 0	8 2	8 7	...	7 0	7 5	6 4	Hoshangabad	
	Narsinghpur	20 4	21 0	23 8	...	...	...	9 8	10 0	13 0	12 8	12 8	11 8	33 11	34 0	40 0	31 8	32 0	33 0	...	...	...	35 0	38 0	40 0	160 0	160 0	160 0	8 12	8 8	7 0	8 4	8 0	6 12	Narsinghpur	
	Nimár	18 0	18 0	20 0	...	...	...	...	...	...	...	...	...	...	...	41 0	...	...	41 0	...	...	...	23 15	24 3	28 8	160 0	160 0	120 0	13 8	13 8	9 0	13 0	13 0	9 0	Nimár	
	Raipur	38 0	40 0	45 0	...	...	...	22 4	22 8	22 8	42 0	46 8	36 0	...	...	...	...	...	...	...	...	...	39 0	40 0	45 0	80 0	80 0	60 0	9 4	9 0	8 5	9 4	9 0	8 2	Raipur	
	Sambalpur	27 0	27 0	27 0	...	...	...	38 0	34 0	30 0	52 0	54 0	47 0	...	...	...	...	...	...	...	...	...	27 0	25 0	22 0	120 0	120 0	220 0	9 0	9 0	8 0	8 8	8 8	7 8	Sambalpur	
	Biláspur	50 0	54 0	76 0	...	...	...	40 0	36 0	30 0	49 0	52 0	52 0	...	...	...	...	...	...	200 0	200 0	170 0	56 0	60 0	57 0	140 0	140 0	140 0	...	...	...	8 0	8 0	7 8	Biláspur	
British Burma.	*Arakan Division.*																																			British Burma.
	Akyab																																		Akyab	
	Northern Arakan																																		Northern Arakan	
	Kyoukpyoo																																		Kyoukpyoo	
	Sandoway																																		Sandoway	
	Pegu Division.																																		*Pegu Division.*	
	Rangoon town and Hanthawaddy																																		Rangoon town and Hanthawaddy	
	Tharrawaddy																																		Tharrawaddy	
	Prome																																		Prome	
	Irrawaddy Division.																																		*Irrawaddy Division.*	
	Henzada	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	No return received				Henzada	
	Bassein																																		Bassein	
	Thonegwa																																		Thonegwa	
	Thayetmyo																																		Thayetmyo	
	Tenasserim Division.																																		*Tenasserim Division.*	
	Moulmein town and Amherst																																		Moulmein town and Amherst	
	Tavoy																																		Tavoy	
	Mergui																																		Mergui	
	Toungoo																																		Toungoo	
	Shwaygyin																																		Shwaygyin	
	Salween																																		Salween	
Hyderabad Assigned Districts.	Secunderabad	17 12	17 4	15 15	...	...	...	7 2	7 2	7 8	9 13	9 13	10 3	24 14	23 14	22 10	27 0	27 0	24 14	27 0	27 0	24 14	18 13	18 13	21 1	130 0	130 0	125 0	10 14	10 8	9 8	10 6	10 0	9 1	Secunderabad	Hyderabad Assigned Districts.
	Bolarum	19 5	20 4	18 1	...	...	...	7 12	7 12	8 1	9 5	9 9	9 9	28 4	25 11	25 11	...	...	...	...	...	...	21 14	22 10	23 12	116 14	116 14	116 14	...	...	...	10 12	10 12	9 6	Bolarum	
	Chudderghat	16 0	15 4	9 0	...	...	...	6 8	6 4	6 0	8 8	8 12	9 0	27 0	24 0	21 0	34 0	34 0	30 0	...	...	...	20 0	19 0	24 0	80 0	80 0	80 0	...	...	...	9 8	10 8	8 12	Chudderghat	
	Amráoti	18 0	19 0	22 0	11 0	11 0	10 0	8 0	8 0	8 0	10 0	10 0	10 0	29 0	29 0	36 8	26 0	26 0	27 0	...	...	...	22 0	22 0	26 0	70 0	70 0	75 0	13 0	11 0	10 8	12 0	10 8	10 0	Amraoti	
	Akola	19 0	19 0	21 0	...	...	...	8 0	8 0	8 8	11 0	11 0	10 0	30 0	30 0	31 0	27 0	27 0	23 0	7 0	7 0	8 0	22 0	22 0	31 0	64 0	64 0	64 0	10 0	10 0	9 0	9 0	9 0	9 0	Akola	
	Ellichpur	16 0	16 0	21 0	12 0	12 0	12 0	6 0	6 0	8 0	8 0	11 0	11 0	32 0	32 0	42 0	30 0	30 0	36 0	...	...	...	17 0	17 0	24 0	64 0	64 0	64 0	...	...	...	9 0	9 0	9 0	Ellichpur	
	Buldána	20 0	20 0	26 0	...	...	...	...	...	...	11 0	11 0	11 0	32 0	32 0	42 0	30 0	30 0	36 0	...	...	...	30 0	30 0	30 0	...	...	...	...	...	...	9 0	9 0	10 0	Buldána	
	Wún	16 0	16 0	18 0	...	...	...	7 8	7 8	8 0	10 8	10 8	13 0	30 0	32 0	36 0	...	...	...	28 0	30 0	26 0	100 0	100 0	100 0	...	...	...	...	...	...	8 0	8 0	8 0	Wún	
	Básim	22 0	23 0	26 0	...	...	...	5 8	5 0	5 0	13 0	12 0	14 0	34 0	32 0	26 0	...	...	...	31 0	30 0	42 0	64 0	64 0	64 0	64 0	64 0	64 0	12 0	9 8	8 12	11 0	9 0	8 0	Básim	

[a] Price of wheat, jowar, gram and salt falling, bajra, rice, firewood rising.
[e] Price of wheat, barley and rice rising and salt falling.
[b] Prices rising.
[d] Price of wheat, barley and jowar rising, bajra and gram falling.
[g] Price of wheat and rice falling, barley, jowar, gram and wholesale price of salt rising.
[c] Price of wheat, jowar, gram falling.
[f] Price of wheat rising and salt falling.
[h] Prices falling.
* Salt not sold wholesale.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT INDIA FOR THE 2nd HALF OF APRIL 1882 —*concluded.*

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

Provinces.	Districts.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholum, Jowari), *Holcus Sorghum.* Present fortnight.	Great Millet (Cholum, Jowari), *Holcus Sorghum.* Past fortnight.	Great Millet (Cholum, Jowari), *Holcus Sorghum.* Corresponding fortnight of 1881.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.* Present fortnight.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.* Past fortnight.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.* Corresponding fortnight of 1881.	Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Coraloo, Murhwa, Nuglee), *Panicum Miliaceum, &c.* Present fortnight.	Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Coraloo, Murhwa, Nuglee), *Panicum Miliaceum, &c.* Past fortnight.	Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Coraloo, Murhwa, Nuglee), *Panicum Miliaceum, &c.* Corresponding fortnight of 1881.	Gram. Present fortnight.	Gram. Past fortnight.	Gram. Corresponding fortnight of 1881.	Firewood. Present fortnight.	Firewood. Past fortnight.	Firewood. Corresponding fortnight of 1881.	Salt. Wholesale. Present fortnight.	Salt. Wholesale. Past fortnight.	Salt. Wholesale. Corresponding fortnight of 1881.	Salt. Retail. Present fortnight.	Salt. Retail. Past fortnight.	Salt. Retail. Corresponding fortnight of 1881.	Districts.	Provinces.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.		
Mysore	Bangalore, Kolar, Túmkúr, Mysore, Hassan, Shimoga, Kadur, Chitaldroog	No return received												27 12	25 3																	Bangalore, Kolar, Túmkúr, Mysore, Hassan, Shimoga, Kadur, Chitaldroog	Mysore
Coorg	Coorg	9 8	8 10	8 4	10 8	9 9	9 4	11 3	11 8	13 8	14 11	14 8	19 14	...	...	...	...	...	...	22 2	22 4	38 7	24 15	25 11	38 3	110 0	110 0	110 0	11 2	10 10	...	9 8	9 4	8 15	Coorg	Coorg
Rajpootana	Jeypore	16 0	15 0	15 8	21 8	22 8	23 8	6 0	6 0	6 0	9 0	9 0	8 0	20 0	21 0	24 0	20 0	20 0	20 4	...	...	...	20 0	21 0	20 0	...	...	...	15 0	15 0	...	14 8	14 8	11 8	Jeypore	Rajpootana
	Kishengurh	16 12	16 12	17 0	26 0	26 0	27 8	6 8	9 8	8 0	9 0	10 8	9 0	28 0	27 0	27 0	20 8	20 12	21 0	...	...	...	24 0	24 0	25 0	20 0	20 0	21 0	...	...	...	16 0	16 12	13 0	Kishengurh	
	Kerrowlee	18 0	18 0	*	21 8	21 0	*	13 8	13 8	*	15 0	15 0	*	21 0	20 8	*	18 8	18 0	*	...	...	...	23 4	24 3	18 13	...	...	...	14 6	12 0	...	14 0	11 8	*	Kerrowlee	
	Ulwur	18 11	18 2	18 4	23 10	24 0	23 10	8 0	8 0	8 0	12 0	12 4	11 15½	24 0	24 0	25 0	20 0	20 0	21 0	...	...	...	24 0	24 8	19 0	...	...	...	14 8	14 0	...	15 13	15 13	...	Ulwur	
	Bhurtpore (City)	17 8	17 0	17 7	25 8	26 8	22 8	6 8	6 12	6 8	11 0	11 0	7 8	27 0	27 0	24 0	21 0	21 8	19 0	...	...	...	24 0	23 8	21 0	70 0	70 0	60 0	...	...	...	15 8	15 8	12 2	Bhurtpore (City)	
	Ajmere	15 8	15 8	16 8	23 0	22 8	23 0	5 0	5 0	5 0	8 0	8 0	8 0	20 0	22 0	24 0	20 0	20 0	19 0	...	...	...	24 1	24 2	26 5	...	...	...	15 0	15 0	12 0	13 8	13 8	11 8	Ajmere	
	Deoli Cantonment	17 3	19 0	20 1	23 13	22 12	32 0	...	...	...	10 8	10 8	20 5	23 13	24 0	32 6	19 0	20 8	23 0	...	...	...	...	...	...	...	...	...	...	...	...	...	13 4	13 15	11 10	Deoli Cantonment	
																													Rs. A. P. per md.	Rs. A. P. per md.	Rs. A. P.					
	Erinpura	18 1¼	17 2	18 12	32 0	31 3	32 0	...	...	...	8 0	8 0	7 8	25 0	25 0	25 0	26 6	26 0	25 0	...	...	...	21 8½	20 2	22 0	170 0	170 0	160 0	3 1 2	3 1 2	...	12 0	12 0	10 8	Erinpura	
	Sirohee	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	No return received			Sirohee	
	Abu	16 4	15 14	16 8	24 0	25 12	27 8	6 0	6 0	5 8	8 0	8 0	7 8	...	...	...	18 4	18 4	24 8	...	...	...	20 0	19 8	16 12	160 0	160 0	160 0	3 12 0	3 12 0	...	10 8	10 8	10 4	Abu	
	Anadra	18 0	18 0	19 0	28 0	28 0	36 8	6 8	6 8	6 0	8 8	8 8	8 8	...	...	...	21 0	21 0	24 8	...	...	...	22 0	22 0	18 4	...	...	...	3 8 0	3 8 0	...	11 8	11 8	11 8	Anadra	
	Hilly Tracts of Meywar	23 0	25 0	28 0	30 0	38 0	48 0	...	...	...	18 0	19 0	18 0	...	...	...	...	...	...	...	...	...	28 0	30 0	40 0	†	†	†	...	...	...	12 0	10 8	8 0	Hilly Tracts of Meywar	
																													S. Ch.	S. Ch.	S. Ch.					
	Meywar (Oodeypore)	15 10	15 6¾	15 10	21 7½	21 1½	23 7	11 11¼	11 11¼	9 6	...	...	...	...	...	...	...	...	...	...	...	...	17 9½	18 12	23 7	200 0	200 0	200 0	9 12¼	9 6	...	9 4¾	8 15¾	8 9½	Meywar (Oodeypore)	
	Bánswára (Meywar Agency)	25 0	25 0	37 8	...	...	...	7 8	8 12	7 8	18 12	20 0	20 0	...	...	...	...	...	...	...	...	...	42 8	43 12	50 0	...	...	...	...	...	...	11 6	11 4	8 12	Bánswára (Meywar Agency)	
	Partábgarh („)	19 11	19 1	21 4	...	...	...	9 1	9 1	7 8	14 6	14 6	13 12	...	...	...	...	...	...	...	...	...	26 4	27 13	27 8	...	...	...	...	...	...	11 4	11 4	8 7	Partábgarh („)	
																													Rs. A. P.	Rs. A. P. per md.	Rs. A. P.					
	Marwar (Jodhpore)	15 8	15 10	15 7	23 12	22 8	21 14	5 0	5 0	5 0	7 8	7 8	6 4	25 0	22 8	21 14	21 4	20 0	18 2	...	...	...	20 0	21 4	16 4	...	...	...	2 8 0	2 10 8	...	15 0	14 11	15 0	Marwar (Jodhpore)	
																													S. Ch.	S. Ch.	S. Ch.					
	Bikaneer	12 15	12 10	9 5	...	...	...	3 1	3 1	2 14	6 12	6 12	6 8	...	...	...	20 6	20 12	14 12	...	...	...	17 12	17 12	15 14	...	...	...	...	...	...	11 8	11 8	11 8	Bikaneer	
	Boondee	20 0	17 8	23 0	30 0	21 8	34 0	10 0	10 0	7 8	11 0	11 0	11 0	27 0	23 12	35 0	...	...	...	...	...	...	30 0	28 4	29 0	140 0	160 0	160 0	13 12	12 14	10 8	18 6	12 12	...	Boondee	
	Kotah	19 4	21 0	26 8	22 0	24 8	32 0	8 8	8 0	8 8	10 0	10 4	10 0	24 8	27 8	38 0	16 0	15 0	20 0	...	...	...	28 0	28 0	32 8	240 0	240 0	240 0	12 0	11 8	...	11 8	11 0	10 8	Kotah	
	Tonk	16 13	17 2	19 5	23 1	21 3	28 0	7 0	7 3	7 0	10 0	10 2	9 0	23 6	23 15	32 2	21 0	21 6	27 0	...	...	...	23 1	23 2	24 6	130 0	130 0	120 0	13 0	12 14	11 4	...	...	...	Tonk	
	Jhallawar	17 0	18 4	21 9	23 14	23 14	23 14	...	...	...	8 13½	8 13½	6 7	18 9½	22 0	30 1½	14 10	15 13	18 3¼	...	...	...	21 10	26 5	30 3	...	...	...	9 15	9 15	...	9 11½	9 11½	8 10	Jhallawar	
	Shahpoora	17 12	17 10	18 4	22 4	22 5	25 7	10 4	10 4	10 0	15 0	15 8	13 12	21 8	22 0	25 8	20 0	20 0	21 0	...	...	...	22 4	22 8	22 10	160 0	160 0	160 0	14 0	14 5	10 8	...	14 0	...	Shahpoora	
	Dholpur	18 1	18 3	17 9	25 6	26 1	22 2	10 2	10 2	7 14	12 6	13 2	12 6	23 8	23 14	22 4	22 0	25 8	20 0	...	...	...	23 8	24 2	19 11	...	...	...	12 15	12 15	10 11	12 8	12 3	10 1	Dholpur	
Central India	Indore, Gwalior, Goona, Baghelkhand (Sutna)	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	No return received			Indore, Gwalior, Goona, Baghelkhand (Sutna)	Central India

* Not received.

† Eight pies per bundle. ‡ Sea Salt. § Earth Salt.

D. M. BARBOUR,
Offg. Secretary to the Government of India.

GOVERNMENT OF INDIA.

DEPARTMENT OF FINANCE AND COMMERCE.

SUPPLEMENT TO THE STATEMENT OF PRICES CURRENT OF FOOD-GRAINS FOR THE 1st HALF OF APRIL 1882, PUBLISHED IN PAGES 700 AND 701 OF THE SUPPLEMENT TO THE "GAZETTE OF INDIA," DATED 13th MAY 1882.

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

PROVINCE.	DISTRICTS.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of last year.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of last year.	Rice. Best sort. Present fortnight.	Rice. Best sort. Past fortnight.	Rice. Best sort. Corresponding fortnight of last year.	Rice. Common. Present fortnight.	Rice. Common. Past fortnight.	Rice. Common. Corresponding fortnight of last year.	Great Millet (Cholum, Jowar), *Holcus Sorghum.* Present fortnight.	Great Millet (Cholum, Jowar), *Holcus Sorghum.* Past fortnight.	Great Millet (Cholum, Jowar), *Holcus Sorghum.* Corresponding fortnight of last year.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.* Present fortnight.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.* Past fortnight.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.* Corresponding fortnight of last year.	Lesser Millets, Ragi, &c. (Kavaru, Veragoo, Sawee, Cheena, Coraloo, Murhwa. Nuglee, &c.), *Panicum Miliaceum, Eleusine Coracana, &c.* Present fortnight.	Lesser Millets, Ragi, &c. (Kavaru, Veragoo, Sawee, Cheena, Coraloo, Murhwa. Nuglee, &c.), *Panicum Miliaceum, Eleusine Coracana, &c.* Past fortnight.	Lesser Millets, Ragi, &c. (Kavaru, Veragoo, Sawee, Cheena, Coraloo, Murhwa. Nuglee, &c.), *Panicum Miliaceum, Eleusine Coracana, &c.* Corresponding fortnight of last year.	Gram. Present fortnight.	Gram. Past fortnight.	Gram. Corresponding fortnight of last year.	Firewood. Present fortnight.	Firewood. Past fortnight.	Firewood. Corresponding fortnight of last year.	Salt. Wholesale. Present fortnight.	Salt. Wholesale. Past fortnight.	Salt. Wholesale. Corresponding fortnight of last year.	Salt. Retail. Present fortnight.	Salt. Retail. Past fortnight.	Salt. Retail. Corresponding fortnight of last year.
		S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.
BRITISH BURMA.	ARRACAN DIVISION.																															
	Akyab	6 10	6 10	6 8	...	...	...	17 8	18 0	15 0	20 0	20 0	16 0	...	...	...	...	...	...	...	...	...	9 0	10 0	9 8	210 0	210 0	240 0	40 0	50 0	...	35 0	40 0	20 0
	Northern Arracan	...	...	...	...	...	...	10 0	10 0	0 ...	11 0	11 0	0 ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Kyoukpyoo	...	...	...	...	...	...	18 11	19 8	18 3	20 2	21 0	19 10	...	...	...	...	...	...	...	...	...	4 0	4 0	4 0	180 0	180 0	280 0	100 0	100 0	...	...	...	36 0
	Sandoway	...	...	...	...	...	...	27 7	27 7	28 0	33 9	33 9	32 0	...	...	...	...	...	...	...	...	...	...	...	...	469 11	469 11	*a*	...	...	...	39 0	30 0	23 0
	PEGU DIVISION.																															
	Rangoon town and Hanthawaddy	16 4	16 4	11 2	...	...	...	15 4	15 4	13 0	18 3	18 3	15 0	...	...	...	...	...	...	...	...	...	18 1	18 1	27 2	324 0	324 0	50 0	50 11	50 11	45 10	22 10	22 10	23 3
	Tharrawaddy	...	...	...	...	...	...	16 5	16 5	6 6	15 17	13 17	14 9	12 ...	...	...	...	...	...	...	...	...	8 15	8 15	17 5	535 11	535 11	*b*	29 12	27 7	...	18 5	18 5	14 10
	Prome	18 3	12 2	9 0	...	...	...	16 12	16 12	13 8	19 10	18 5	14 0	...	...	...	...	...	...	...	...	...	15 9	10 6	20 0	139 11	139 11	*c*	32 4	29 9	...	18 10	18 10	28 0
	IRRAWADDY DIVISION.																															
	Thonegwa	...	...	...	...	...	...	16 12	16 12	11 10	18 6	18 3	14 0	...	...	...	...	...	...	...	...	...	13 7	13 7	9 0	147 10	147 10	*d*	47 5	47 5	...	44 5	44 5	14 0
	Bassein	...	...	...	...	...	...	18 8	19 8	12 4	22 12	21 12	13 6	...	...	...	...	...	...	...	...	...	12 12	12 12	13 6	142 4	142 4	157 0	39 0	39 0	24 8	28 6	28 6	21 0
	Henzada	...	...	...	...	...	...	17 14	17 14	12 4	26 0	26 0	15 12	...	...	...	...	...	...	...	...	...	...	...	...	183 8	183 8	*e*	29 9	29 9	...	29 9	29 9	28 0
	Thayetmyo	12 1	12 1	8 12	...	...	...	11 11	11 11	11 9	10 15	9 15	9 14	0 ...	...	...	...	...	...	...	...	...	13 14	13 14	14 5	245 0	245 0	250 0	25 0	25 6	17 0	18 15	18 15	14 0
	TENASSERIM DIVISION.																															
	Moulmein town and Amherst	10 0	10 0	10 0	...	...	...	15 5	15 5	10 0	20 4	20 4	12 0	...	...	...	...	...	...	...	...	...	11 1	...	7 8	220 0	220 0	250 0	50 6	50 6	18 0	22 6	22 6	13 0
	Tavoy	...	...	...	...	...	...	13 12	15 3	11 7	21 0	25 3	16 0	...	...	...	...	...	...	...	...	...	...	...	...	399 3	399 3	293 0	24 2	24 2	33 0	16 1	16 1	26 11
	Mergui	...	...	...	...	...	...	17 5	16 4	15 8	21 12	21 12	18 0	...	...	...	...	...	...	...	...	...	...	...	...	428 0	428 0	428 0	36 8	36 8	26 1	29 3	29 3	20 8
	Shwaygyin	...	...	...	...	...	...	15 15	12 12	10 2	17 9	13 13	12 4	...	...	...	...	...	...	...	...	...	...	...	...	...	250 0	..	27 3	27 3	32 9	18 14	18 14	14 0
	Toungoo	...	...	...	...	...	...	18 5	18 5	15 8	21 5	21 5	20 9	...	...	...	...	...	...	...	...	...	12 9	12 9	12 6	24 0	24 0	303 0	32 0	32 0	15 8	18 12	18 12	15 8
	Salween	...	...	...	...	...	...	7 14	7 14	... 8	4 8	4 ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	14 3	14 3	...

a Rs. 2 per 100 billets. *b* Re. 1 per cart-load. *c* Re. 1-8 per cart-load. *d* 100 logs, 18 inches long and 5 inches girth, for Rs. 10. *e* 53 billets per rupee.

D. M. BARBOUR,
Offg. Secretary to the Government of India.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

[TELEGRAPH.]

ABSTRACT OF FOREIGN TRAFFIC FOR THE MONTH OF JANUARY 1882.

CLASS OF MESSAGES.		ROUTE. West. Via Teheran. No.	Via Teheran. Indian Value.	Via Turkey. No.	Via Turkey. Indian Value.	Persian Gulf. No.	Persian Gulf. Indian Value.	Via Suez. No.	Via Suez. Indian Value.	Via Amoy. No.	Via Amoy. Indian Value.	East. Via Madras. No.	Via Madras. Indian Value.	Via Rangoon. No.	Via Rangoon. Indian Value.	Native Burma. No.	Native Burma. Indian Value.	Via Palembang. No.	Via Palembang. Indian Value.	TOTAL. No.	TOTAL. Indian Value.
			Rs. A.		Rs. A.		Rs. A.		Rs. A.		Rs. A.		Rs. A.		Rs. A.		Rs. A.		Rs. A.		Rs. A.
INDIAN.	Sent	1,444	6,658 14	140	556 1	36	114 10	5,020	19,124 6	...	...	822	1,675 13	169	522 5	296	419 14	1,662	3,698 11	10,187	32,738 10
	Received	1,262	7,768 9	223	841 13	74	282 6	4,904	20,411 3	...	...	708	2,173 6	232	750 9	...	...	1,726	3,409 7	9,001	35,687 4
	TOTAL	2,706	14,427 7	363	1,397 14	112	396 16	10,490	39,535 9	...	...	1,530	3,849 3	401	1,273 14	296	419 14	3,390	7,078 2	19,278	68,375 14
TRANSIT. From West— East to	*Vid* Madras	572	2,259 9	2	7 14	11	30 6	4,617	18,786 15	...	...	...	...	...	...	...	...	...	...	5,102	21,094 12
	,, Rangoon	3	9 0	...	...	...	...	100	432 12	...	...	...	...	...	...	...	...	...	...	103	441 12
	,, Lalaghia	...	...	...	3 1	...	4 5	430	1,282 8	...	...	...	...	...	...	...	...	...	...	...	...
	,, Paumben	35	155 8	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	967	1,445 6
From West to East—	*Vid* Madras	775	3,012 9	93	325 7	6	24 6	4,068	16,931 10	...	...	...	...	...	...	...	...	...	...	4,893	19,094 0
	,, Rangoon	8	24 12	...	...	...	...	102	399 0	...	...	...	...	...	...	...	...	...	...	110	433 12
	,, Lalaghia	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	,, Paumben	79	323 4	8	33 0	...	...	271	1,040 12	...	...	...	...	67	230 15	...	...	...	...	415	1,626 15
Sent. From West—	*Vid* Bombay and Karachi	...	...	1	1 14	1	4 8	...	...	...	...	...	...	...	...	...	...	...	...	2	6 6
	Vid Karachi and Bombay.	...	...	1	1 8	4	14 4	...	...	...	...	...	...	...	...	...	...	...	...	5	15 12
From East to West—	*Vid* Paumben	...	...	...	...	...	...	...	...	...	...	81	285 15	2	6 6	...	...	...	...	84	292 4
	,, Rangoon	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	2 15	1	2 15
TOTAL		1,472	6,783 10	106	372 12	23	77 13	9,478	38,293 9	...	...	138	510 14	2	6 5	...	...	1	2 15	11,220	45,043 14
GRAND TOTAL																				30,498	1,13,419 12

ABSTRACT OF FOREIGN TRAFFIC WITH INDIA BY THE INDO-EUROPEAN AND RED SEA ROUTES FOR THE MONTH OF JANUARY 1882.

ROUTE.		NUMBER OF MESSAGES BY EACH ROUTE (EXCLUSIVE OF TELEGRAMS). To India.	From India.	Total.	PERCENTAGES OF NUMBER. To India.	From India.	Total.
INDO-EUROPEAN	*Vid* Teheran	1,262	1,444	2,706	19·65	19·98	19·79
	,, Turkey	223	140	363	3·47	1·92	2·66
	,, Persian Gulf *viâ* Karachi	74	38	112	1·15	0·53	0·82
RED SEA	*Vid* Suez	4,864	5,626	10,490	75·73	77·62	76·78
TOTAL		6,423	7,248	13,671	100·00	100·00	100·00

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

IRRIGATION BRANCH.

IRRIGATION OPERATIONS IN BENGAL FOR 1881-82.

Areas leased for Irrigation up to end of March 1882.

Circle.	District.	Canal.	Supply of Water in the Canals.		Extent of Irrigation.																										Remarks.	Rainfall.	
					Rabi.				Annual Leases.		Three-year leases.				Khabif.				Five-year leases.				Annual Leases.		Three-year leases.				Grand Total.				Sugarcane.			
			Estimated full discharge in cubic feet per second.	Average discharge in cubic feet per second throughout the month.	Leased up to end of March 1882.		Leased in March 1882.		Leased up to end of March 1882.		Total, inclusive of unexpired leases of previous years		Leased in March 1882.		Leased up to end of March 1882.		Total, inclusive of unexpired leases of previous years		Leased up to end of March 1882.		Leased in March 1882.		Leased up to end of March 1882.		Total, inclusive of unexpired leases of previous years		Leased in March 1882.		Grand total of the corresponding month of last year.		Total.		Leased up to end of March 1882.		Leased in March 1882.		Inches during the month.	Inches during the year 1881-82.	Average of the ten previous years of the same period.
			c. ft.	c. ft.	Acr.		Acr.		Acr.		Acr.		Acr.		Acr.		Acr.		Acr.		Acr.		Acr.		Acr.		Acr.		Acr.		Acr.		Acr.		Ins.	Ins.	Ins.
Orissa	Cuttack	Kendrapara	1,269	372·50	3,340		150		4,909		4,909		2,671		3,340		2,671		525		525		525		525		3,340		3,340		3,865		0·00	59·29	0·74
		Patamoondee	1,042	79·70	525								(b)6,005		525		(b)6,005										525		6,005		6,530				
		High Level, Section I	675	175·40	...		...		...		...		65		...		65		...		...		...		...		...		65		65		1·70	75·65	0·00
		Taldanda	1,300	189·00	...		...		...		...		74		...		74		...		...		...		...		...		74		74		0·00	70·32	5·50
		Matchgoria	660	87·00	...		...		...		...		8,347		...		8,347		...		...		...		...		...		8,347		8,347		0·00	75·43	5·18
	Balasore	High Level, Section II	...	72·16	27		1		4,909		4,352		147		6		3,347		3,347		1,176		4,352		580		4,352		580		4,932		1·70	148·75	10·83
		Total of the month	...	...	27	(a)5,441	1		4,909		4,352		147		6		3,347		3,347		1,176		4,352		580		4,352		580		4,932		9·10	115·59	10·78
		Total of the corresponding month of previous year	...	...	...		...		...		...		...		...		...		...		...		...		...		...		...		...		...		
South-Western	Midnapore	Midnapore	875	122·00	...		...		...		...		...		...		...		...		...		...		...		...		...		...		0·00	40·33	4·05
	Howrah	Ranchkoorah	500	24·00	...		...		...		...		...		...		...		...		...		...		...		...		...		...		0·00	46·08	4·23
		Total of the month	...	...	...		...		...		...		...		...		...		...		...		...		...		...		...		...		0·00	42·14	3·94
		Total of the corresponding month of previous year	...	...	...		...		...		...		...		...		...		...		...		...		...		...		...		...		0·00	123·50	129·62
Sone	Shahabad	Western Main	4,342	1,299	...		...		...		...		91		273		364		...		...		...		...		...		...		...				
		Buxar	1,258	302	...		...		...		...		501		2,584		3,085		...		...		...		...		...		...		...				
		Arrah	1,960	611	...		...		...		...		645		27,500		32,145		...		...		...		...		...		...		...				
	Patna and Gya	Eastern Main	1,406	240	...		...		...		...		265		6,800		6,800		...		...		...		...		...		...		...		0·00	1·00	1·32
		Patna																																	
		Total of the month	...	...	...		...		...		...		1,501		37,957		42,510		...		...		...		...		...		...		...		0·00	1·52	1·32
		Total of the corresponding month of previous year	...	...	...		...		...		...		3,975		5,152		5,152		...		...		...		...		...		...		...		0·00	6·00	3·66
		Grand total of the month	...	...	...		...		...		...		1,501		37,957		42,510		...		...		...		...		...		...		...		0·00	7·52	4·98
		Grand total of the corresponding month of previous year	...	...	...		...		...		...		3,975		5,152		5,152		...		...		...		...		...		...		...		0·00	129·50	133·28

(a) Exclusive of 11 acres leased prior to 1st April last.
(b) Exclusive of 1 acre under Matchgong Canal leased prior to 1st April last.
(c) Leases for 29,311 acres expired on the 31st March 1882.
(d) No acres entered in last month's statement.
(e) In all 1,500 acres sugarcane under three years' lease.

G. F. E. S. NEILL, *Major, M.S.C.*,
Asst. Secy. to the Govt. of Bengal, in the P. W. Dept., Irrigation Branch.

CALCUTTA,
The 28th April 1882.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

No. XVI of 1882.

APPROXIMATE STATEMENT OF GROSS RECEIPTS AND EXPENSES OF INDIAN RAILWAYS.

Latest return received.	Railways.	Total mean length open.	Receipts for week ending 23rd April 1881. Total.	Per mile open.	Total mean length open.	Receipts for week ending 22nd April 1882. Total.	Per mile open.	Total Receipts from 1st April to 23rd April 1881. Total.	Per mile open per week.	Total Receipts from 1st April to 22nd April 1882. Total.	Per mile open per week.	Total Increase in 1881-82.	Total Decrease in 1881-82.
	Guaranteed.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
29th April 1882	Eastern Bengal ...	176	59,408	338	172	65,692	382	1,95,178	337	2,26,045	418	30,867	...
22nd ditto ...	Oudh and Rohilkhand	547	97,185	178	547	1,21,978	223	3,77,064	210	3,63,516	211	...	13,548
22nd ditto ...	Sind, Punjab & Delhi	676	1,62,504	240	676	2,06,109	305	6,65,245	300	6,79,582	320	14,337	...
22nd ditto ...	Madras ...	858	1,09,889	128	858	1,25,512	146	3,94,535	140	4,06,701	151	12,166	...
22nd ditto ...	South Indian ...	655	71,828	110	655	70,018	107	2,42,707	113	2,20,570	107	...	22,137
29th ditto ...	Great Indian Peninsula	1,448	8,37,146	578	1,446	9,87,075	683	25,86,826	544	31,11,964	685	5,25,138	...
22nd ditto ...	Bombay, Baroda and Central India ...	444	2,83,498	638	461	2,73,998	594	9,06,366	621	8,41,739	581	...	64,627
	TOTAL ...	4,804	16,21,458	338	4,815	18,50,382	384	53,67,921	340	58,50,117	386	4,82,196	...
	State.												
29th April 1882	East Indian ...	1,507	8,57,012	569	1,507	9,66,670	641	27,34,674	552	29,16,428	616	1,81,754	...
22nd ditto ...	Calcutta and South-Eastern ...	28	2,440	87	28	2,625	94	8,259	90	8,574	97	315	...
22nd ditto ...	Nalhati ...	27	1,207	45	27	1,495	55	3,886	44	4,442	52	556	...
22nd ditto ...	Northern Bengal ...	231	27,999	121	233	34,480	148	92,904	122	1,15,585	158	22,681	...
29th ditto ...	Tirhoot ...	82	10,040	122	85	14,686	173	39,990	148	42,940	161	2,950	...
22nd ditto ...	Patna-Gya ...	57	10,492	184	57	9,589	167	37,164	198	35,002	195	...	2,162
22nd ditto ...	Muttra-Hathras ...	29	2,782	96	29	3,176	109	8,217	86	8,650	95	433	...
22nd ditto ...	Cawnpore-Farukbabad	86	4,700	55	86	7,081	82	16,904	59	19,909	73	3,005	...
22nd ditto ...	Dildarnagar-Ghazipur	12	1,022	85	12	1,011	84	2,780	71	2,964	78	184	...
29th ditto ...	Rajputana-Malwa ...	1,016	1,80,035	177	1,117	2,29,242	205	5,77,534	173	7,38,490	211	1,60,956	...
22nd ditto ...	Wardha Coal ...	45	8,201	182	45	12,852	286	30,367	205	40,603	287	10,236	...
22nd ditto ...	Nagpur & Chhattisgarh	66	6,128	93	98	28,452	290	18,914	87	72,509	235	53,595	...
22nd ditto ...	Rangoon and Irrawaddy Valley ...	161	32,147	200	161	43,180	268	1,32,979	251	1,48,054	293	15,075	...
29th ditto ...	Sindia ...	70	4,736	68	75	7,107	95	15,000	65	22,862	97	7,862	...
22nd ditto ...	Punjab Northern ...	363	82,628	228	368	67,056	182	2,77,628	233	2,44,760	211	...	32,868
22nd ditto ...	Indus Valley and Kandahar ...	660	1,16,831	177	660	64,482	98	3,66,166	169	2,06,964	99	...	1,59,202
29th ditto ...	Muttra-Achneyra ...	...	...	...	23	1,185	52	...	...	3,523	49	3,523	...
	TOTAL ...	2,933	4,91,388	168	3,104	5,27,649	170	16,28,692	169	17,15,831	176	87,139	...
	Native States.												
22ndApril 1882	Bhavnagar-Gondal ...	192	21,573	112	194	31,901	164	69,664	111	93,686	153	24,022	...
22nd ditto ...	Nizam's ...	121	15,051	124	121	17,759	147	58,092	146	51,719	136	...	6,373
8th ditto ...	Mysore ...	58	2,122	37	...	(a)...	...	(b)2,951	40	(c)6,060	62	3,109	...
	TOTAL ...	371	38,746	104	315	49,660	158	1,30,707	107	1,51,465	120	20,758	...
	GRAND TOTAL ...	9,615	30,08,604	313	9,741	33,94,361	348	98,61,994	312	1,06,33,841	344	7,71,847	...
	GROSS ESTIMATED EXPENSES ...	...	...	...	...	...	...	46,35,137	147	51,04,244	165	...	...
	NET RECEIPTS ...	...	...	...	...	...	...	52,26,857	165	55,29,597	179	3,02,740	...

(a) Return not received.
(b) Total receipts from 1st to 9th April 1881.
(c) Total receipts from 1st to 8th April 1882.

No. XVII OF 1882.

APPROXIMATE STATEMENT OF GROSS RECEIPTS AND EXPENSES OF INDIAN RAILWAYS.

Latest return received.	Railways.	Total mean length open.	Receipts for week ending 30th April 1881. Total.	Per mile open.	Total mean length open.	Receipts for week ending 29th April 1882. Total.	Per mile open.	Total Receipts from 1st to 30th April 1881. Total.	Per mile open per week.	Total Receipts from 1st to 29th April 1882. Total.	Per mile open per week.	Total Increase in 1881-82.	Total Decrease in 1881-82.
			Rs.	Rs.		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
	Guaranteed.												
6th May 1882	Eastern Bengal ...	176	58,117	330	172	68,929	401	2,53,295	335	2,95,570	45	42,275	...
29th Apl. 1882	Oudh and Rohilkhand	547	1,06,935	195	547	1,11,465	204	4,83,999	206	4,73,950	209	...	10,049
29th ditto ...	Sind, Punjab & Delhi	676	1,74,697	258	676	1,70,175	252	8,39,942	290	8,49,757	303	9,815	...
29th ditto ...	Madras ...	858	1,12,825	132	858	1,60,756	187	5,67,360	138	5,72,308	161	64,948	...
29th ditto ...	South Indian ...	655	73,601	112	655	95,285	145	3,16,308	113	3,16,415	117	107	...
6th May 1882	Great Indian Peninsula	1,448	8,93,068	617	1,447	10,17,873	703	34,79,894	561	41,30,594	689	6,50,700	...
29th Apl. 1882	Bombay, Baroda and Central India ...	444	2,83,951	640	461	2,88,308	625	11,90,317	626	11,31,206	592	...	59,111
	TOTAL ...	4,804	17,03,194	355	4,816	19,12,791	397	70,71,115	343	77,69,800	389	6,98,683	...
	State.												
6th May 1882	East Indian ...	1,507	8,16,118	542	1,507	9,23,926	613	35,50,792	549	38,10,759	610	2,59,967	...
29th Apl. 1882	Calcutta and South-Eastern ...	28	4,778	171	28	4,484	160	13,037	108	12,804	112	...	233
6th May 1882	Nalhati ...	27	1,255	46	27	1,478	55	5,141	44	5,889	52	748	...
7th ditto ...	Northern Bengal ...	231	29,030	126	233	39,360	169	1,21,983	123	1,54,795	160	32,862	...
29th Apl. 1882	Tirhoot ...	82	12,289	150	85	14,515	171	52,279	149	57,962	164	5,683	...
6th May 1882	Patna-Gya ...	57	9,580	168	57	9,307	163	46,744	191	46,071	195	...	673
29th Apl. 1882	Muttra-Hathras ...	29	2,430	84	29	2,735	94	10,647	85	11,385	94	738	...
29th ditto ...	Cawnpore-Farukhabad	86	4,733	55	86	7,388	86	21,637	59	27,297	76	5,660	...
29th ditto ...	Dildarnagar-Ghazipur	12	1,161	97	12	1,152	96	3,941	76	4,160	84	219	...
6th May 1882	Rajputana-Malwa ...	1,016	1,81,036	178	1,117	2,31,253	207	7,58,570	174	9,69,743	209	2,11,173	...
29th Apl. 1882	Wardha Coal ...	45	8,627	192	45	19,647	436	38,994	202	60,425	324	21,431	...
29th ditto .	Nagpur & Chhattisgarh	66	7,731	117	98	23,262	237	26,645	95	94,157	232	67,512	...
29th ditto ...	Rangoon and Irrawaddy Valley ...	161	34,186	212	161	36,274	225	1,67,165	242	1,84,309	276	17,144	...
6th May 1882	Sindia	70	4,288	61	75	6,117	82	19,288	64	28,050	90	8,762	...
29th Apl 1882	Punjab Northern ...	363	66,891	184	368	52,618	143	3,44,519	221	2,97,378	195	...	47,141
6th May 1882	Indus Valley & Kandahar	660	1,14,281	173	660	67,093	102	4,80,447	170	2,74,057	100	...	2,06,390
6th ditto ...	Muttra-Achnera ...	...	...	...	23	1,192	52	...	...	4,715	50	4,715	...
	TOTAL ...	2,933	4,82,296	164	3,104	5,17,875	167	21,10,987	168	22,33,197	174	1,22,210	...
	Native States.												
29th Apl. 1882	Bhavnagar-Gondal ...	192	25,851	135	194	31,404	162	95,515	116	1,25,003	155	29,488	...
29th ditto ...	Nizam's ...	121	16,552	137	121	21,244	176	74,644	144	72,963	146	...	1,681
15th ditto ...	Mysore ...	58	1,728	30	...	... (a)	...	(b) 5,180	39	(c) 11,730	64	6,550	...
	TOTAL ...	371	44,131	119	315	52,648	170	1,75,339	110	2,09,696	126	34,357	...
	GRAND TOTAL ...	9,615	30,45,739	317	9,742	34,07,240	350	1,29,08,233	313	1,40,23,452	344	11,15,219	...
	GROSS ESTIMATED EXPENSES ...	...	...	...	...	...	...	60,66,869	147	67,31,257	165	...	...
	NET RECEIPTS ...	...	...	...	...	...	...	68,41,364	166	72,92,195	179	4,50,831	...

(a) Return not received.

(b) Total receipts from 1st to 16th April 1881.

(c) Total receipts from 1st to 15th April 1882.

GOVERNMENT OF INDIA.

MILITARY DEPARTMENT.

REVIEW OF MILITARY STORES EXPENDITURE FOR 1879-80.

The following is published for general information:—

Memorandum by the Accountant General, Military Department, No. 1763, dated the 15th August, 1881.

The following review of the expenditure of stores in the Military Department is submitted to Government in compliance with the orders issued in Financial Department Resolution No. 1267, dated the 21st July 1871. The Government of India had then under consideration the control which should be exercised over the indents, estimates and accounts of stores obtained from England, and decided that in addition to the checks provided by the existing system of store account and audit, a review of the annual expenditure should be prepared:—

"9. A review of this kind should be in sufficient detail to show the amount and the increase or decrease of expenditure of each of the several classes of stores; the causes of increase or decrease in the expenditure of the several articles should be explained and their cost compared with that of previous years. Instances in which the price of the more important articles obtained from England or purchased locally has exceeded former prices should be carefully noted, and also whether any extra expense or any considerable inconvenience has been incurred from unnecessary delay in supplying stores indented for on England. If there is any reason to believe that the cost of any article has been higher than it would have been if procured in some other way, it should be stated. The additional expenditure caused by the introduction of new kinds of stores or new articles of equipment, or by changes of pattern involving the condemnation of the existing stock of old pattern, should be distinctly shown, and any possible measures of economy suggested."

2. The first of the series of store reviews submitted to Government under the foregoing orders was for the year 1874-75. The materials for the preparation of these reviews were at that time very incomplete. Reports were not received from all departments or from all presidencies, nor were such as were received prepared on any uniform system, and it was evident that improvement in the form and matter of the departmental reports would be a work of time. Subsequent experience showed the desirability of issuing precise instructions for the preparation of these reports, and in the year 1878 definite orders were issued regarding the submission of two reports for each department in each presidency—one by the administrative head of the department to be styled "Administration Report," and the other by the examiner of accounts to be styled "Financial Review."

3. The reports since received show a marked improvement, but they are still far from complete, and exhibit many inaccuracies and imperfections in points of detail, which it will take some time to remedy; the transactions of the military store departments are multifarious, and comprise issues not only for military purposes but also to civil departments, local governments, native states, municipalities, and private individuals.

4. It may be here noted that revised rules for the calculation of stock book rates of Europe stores and of stores of local production or manufacture have recently been issued, which it is hoped will tend to greater accuracy in the conclusions to be drawn from these reviews, while at the same time they will reduce and simplify the work of the account department. An improved system of factory accounts has also been introduced on the recommendation of the late special committee on ordnance, of which Major-General Napier Campbell was the president.

5. As regards the expenditure of stores during the year under review, it is necessary to state at the outset that the normal rate of expenditure has been greatly disturbed by the movement of troops from all three presidencies owing to the war. The accounts are also, it is feared, to a considerable extent, inaccurate and incomplete from the same cause, and they are, moreover, much in arrears, especially in Bengal.

6. In the early part of 1877-78 the Home Government directed that, in the existing unfavourable rate of exchange, every effort should be made to reduce the payment for stores in England by substituting articles of local

production or manufacture for articles imported from England wherever this could be done with economy and without sacrificing efficiency. With the view of further relieving the store department of the India Office of petty detail, supplementary orders were issued, authorising certain stores to be obtained locally or direct from Europe, or America, through manufacturers or private agents. These instructions have since been modified in so far that all stores required from Europe must be obtained through the India Office alone, and not through private agents or by direct negotiations with home manufacturers; but the orders regarding the substitution of local products and manufactures for imported stores continue in force.

7. During the early part of this year the Government also had under consideration the question of the utilisation for army purposes of goods manufactured in the jails, and issued orders that the jails should have preference over the local markets whenever they were prepared to furnish goods at rates equal to, or not exceeding, those demanded by local contractors or traders.

8. The two statements appended to the report show—

I.—The cash expenditure in England and in India for the five years ending 1879-80.

II.—The receipts and issues in India during the same period and the store balances at the commencement and end of each of these years.

9. The following abstracts prepared from these statements exhibit the expenditure in each department for all India:—

Cash expenditure in England and in India for the five years ending 1879-80.

Years.	Medical stores.		Malt liquor.		Commissariat stores.		Ordnance stores.		Clothing stores.		Total.		
	Home expenditure, including freight.	Indian expenditure, including freight on Europe stores.	Home expenditure, including freight.	Indian expenditure, including freight on Europe stores.	Home expenditure, including freight.	Indian expenditure, including freight on Europe stores.	Home expenditure, including freight.	Indian expenditure, including freight on Europe stores.	Home expenditure, including freight.	Indian expenditure, including freight on Europe stores.	Home expenditure, including freight.	Indian expenditure, including freight on Europe stores.	Total.
	£	£	£	£	£	£	£	£	£	£	£	£	£
1875-76 ...	63,197	28,114	271,760	41,527	46,350	112,402	480,468	238,270	235,171	11,615	1,096,946	431,928	1,528,874
1876-77 ...	79,303	29,116	240,360	75,191	49,820	103,298	505,267	188,848	254,290	8,252	1,129,040	405,005	1,534,045
1877-78 ...	51,689	43,026	164,823	96,565	25,615	135,030	555,062	187,817	357,701	7,066	1,154,889	469,504	1,624,393
1878-79 ...	59,511	43,390	121,376	92,163	35,214	113,503	264,885	261,423	218,602	5,843	699,618	516,322	1,215,940
1879-80 ...	51,228	37,481	76,552	96,783	47,180	149,512	214,759	231,426	315,164	12,708	704,883	527,910	1,232,793

Issues of Europe and Indian stores as per stock returns for the five years ending 1879-80.

Years.	Medical stores.		Commissariat stores.		Ordnance stores.		Clothing stores.		Total.		
	Europe stores.	Indian stores.	Europe stores.	Indian stores.	Europe stores.	Indian stores.	Europe stores.	Indian stores.	Europe stores.	Indian stores.	Total.
	£	£	£	£	£	£	£	£	£	£	£
1875-76	102,796	23,865	552,668	331,664	403,673	963,490	259,348	9,375	1,318,485	1,328,394	2,646,879
1876-77	96,116	23,346	469,011	387,570	499,671	972,406	210,415	9,300	1,275,216	1,392,022	2,668,168
1877-78	93,618	29,162	395,757	316,216	556,461	1,009,021	215,940	5,887	1,231,776	1,359,686	2,591,472
1878-79	87,746	33,476	310,174	301,538	601,674	1,365,653	307,244	7,035	1,306,838	1,707,702	3,013,940
1879-80	78,982	42,237	277,505	361,259	349,859	1,110,651	362,394	27,404	1,059,740	1,541,551	2,601,291

10. The figures given as the cash expenditure differ considerably from the figures given as issues in the stock returns. An explanation of the causes of this difference was given in the review for 1878-79, and for facility of reference is reproduced here:—

"The figures for the cash expenditure differ so materially from those given as issues in the stock returns that some explanation of the discrepancy seems necessary. The cash expenditure represents simply the payments made in each year for stores, and which obviously will not correspond with the consumption of stores in the same period. Moreover, the payments for stores received in one year frequently run into the accounts of the following year; and, in the case of Europe stores, even supposing that the purchases were intended for immediate consumption, the stores paid for in one year might, owing to the date of its arrival, appear in the Indian stock accounts as the expenditure or issues of the following year. Further, in the stock accounts the stores are valued at stock-book rates, which include freight, landing, and other contingent charges, and this alone, if no other differences existed, would give divergent figures from the actual cash outlay. Again, in the case of ordnance stores, the Indian cash expenditure includes only purchases of camp equipage and of timber, coal, and other stores for arsenals, magazines, and factories; while the stock-book rates are based on valuations of the manufactured articles, which include labor and other subsidiary charges, direct and indirect, connected with the manufacture. It is thus apparent that the two sets of figures cannot correspond, even approximately."

11. The causes of increase or decrease in the expenditure of the several departments in the three presidencies are explained in detail in the latter part of this review. The following *resumé* of the course of the expenditure, the cost of the supplies and of the circumstances affecting the supply and the consumption of stores, will give a general view of the operations of the year in comparison with those of past years, following the plan indicated in the orders quoted in paragraph 1 of this report.

12. The prices paid generally for all stores, metals, &c., obtained from Europe compare favourably with the prices paid in the preceding year. The rise in the price of quinine will be noticed presently. The prices paid for local stores were also generally lower than in the previous year.

13. The supply of stores from England was made with punctuality and despatch, and no inconvenience resulted from any delay. Small purchases of Europe stores were made in the local markets to meet emergent demands on account of the war at a cost in excess of that at which they could have been imported, but this was unavoidable. The sanctioned reserves provide a sufficient margin for all ordinary requirements.

	Cash expenditure in England and in India.
	£
1875-76 ...	91,311
1876-77 ...	108,419
1877-78 ...	94,715
1878-79 ...	102,901
1879-80 ...	88,709

14. *Medical stores.*—The total cash expenditure during 1879-80 amounted to £88,709, which, it will be observed, is considerably lower than the expenditure in the four preceding years (*vide* margin). The cash expenditure represents, however, the payments for stores made during the years and not the actual consumption of stores in those periods. The issues of stores during the same period are given in the margin. The expenditure of 1875-76 was affected by the Perak expedition and the cholera and fever epidemics in Madras; that of 1877-78 by the famine in Madras; while the expenditure of the two last years of the series has been affected by the Malta and Kabul expeditions.

Years.	Europe stores.	Indian stores.	Total.
	£	£	£
1875-76 ...	102,796	23,865	126,661
1876-77 ...	96,116	23,346	119,462
1877-78 ...	93,618	29,162	122,780
1878-79 ...	87,746	33,476	121,222
1879-80 ...	78,982	42,237	121,219

15. The greater portion of this expenditure occurs in the civil departments, the demands from which are continually increasing owing to new dispensaries being opened out every year. The expenditure of medical stores for military purposes, including issues to the value of £18,747 for the army in the field, amounted to only £58,280 out of a total expenditure of £121,219. In the preceding year (1878-79) the military expenditure amounted to £54,604, of which £16,665 was extraordinary or due to the Kabul and Malta expeditions. The expenditure would doubtless have been greater, but for the partial substitution of the cinchona febrifuge (a local preparation) for quinine. The former is now extensively used in civil dispensaries, also in native military hospitals, the issues of quinine being limited to one-fourth of the quantity required, the remaining three-fourths being made up by the cinchona febrifuge. Experiments have also been made in view of ascertaining the effect of this febrifuge on British troops, but the results obtained are not as yet of so decided a character as to justify its adoption in European hospitals.

16. The extension of the use of the cinchona febrifuge is the most important point connected with the expenditure on medical stores. The price of quinine, which ranged from £4-6-9 to £5-9-4 per lb. in 1876-77, has been rising steadily ever since that year and reached £8-15-0 per lb. in 1879-80.

The price of the febrifuge is only Rs. 20 per lb. The expenditure of quinine and of the cinchona preparations during the last four years was as follows:—

Years.	Bengal.		Madras.		Bombay.		India.	
	Quinine.	Cinchona febrifuge.	Quinine.	Cinchona febrifuge.	Quinine.	Cinchona febrifuge.	Quinine.	Cinchona febrifuge.
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
1876-77 ...	2,634	632	501	...	960	94	4,035	726
1877-78 ...	1,288	2,542	892	1,817	679	320	2,859	4,679
1878-79 ...	1,303	2,690	848	1,383	495	1,054	2,646	5,127
1879-80 ...	1,577	4,573	555	755	559	1,474	2,691	6,802

These figures show the great progress that has been made in the use of the cinchona alkaloids in place of quinine, and the large saving that has resulted in consequence.

17. The drugs, chemicals, surgical instruments and hospital appliances used in the department are mostly obtained by indent on England, but many drugs of local production are being gradually substituted for the imported articles. Several of the more important medicines of the British pharmacopœia are being cultivated in the three presidencies. Many of the indigenous drugs are being tried in the Calcutta hospitals and elsewhere to ascertain their therapeutic value. Considerable progress has also been made in the local manufacture of the simpler kinds of surgical instruments and in the repair of old instruments; and when the manufactories at the medical store depôts have been properly equipped, further progress in this direction may be looked for. The gain resulting from these measures has not been estimated in all three presidencies, but the reports received from Bombay show that a gain of about Rs. 9,584 resulted from the manufacture at the store depôt of medicines and instruments hitherto obtained from England, and a gain of about Rs. 30,902 from the substitution of indigenous drugs for those hitherto imported.

18. In any comparison of the cost of imported and local supplies it must prominently be borne in view that imported supplies involve the maintenance of reserves, extra storage accommodation and establishments, and a certain amount of waste and deterioration, so that, even if the rates of local supplies are slightly higher than those of imported stores, the former will still be the most economical.

19. *Malt liquor and commissariat stores.*—The cash expenditure in England and in India on account of malt liquor is given in the margin, and shows a considerable decrease in the year under review. The large reduction in the home expenditure, and the increase in the Indian expenditure, were due to the more extended use of hill beer in the Bengal Presidency, the particulars of which will be noticed further on. The expenditure of malt liquor during the last two years was, however, seriously disturbed by the movement of troops to Afghanistan, as malt liquor is not issued to troops on the line of march.

Years.	Expenditure in England.	Expenditure in India.	Total.
	£	£	£
1875-76 ...	271,760	41,527	313,287
1876-77 ...	240,360	75,491	315,851
1877-78 ...	164,822	96,565	261,387
1878-79 ...	121,376	92,163	213,539
1879-80 ...	76,552	96,783	173,335

20. The cash outlay for commissariat stores (*vide* margin) shows a considerable increase owing to the supplies required for the war. Some of these supplies were of an unusual character owing to the nature of the field of operations, namely, horse biscuits, portable food, German meat biscuits, compressed vegetables, consolidated soups, and the like.

Years.	Expenditure in England.	Expenditure in India.	Total.
	£	£	£
1875-76 ...	46,350	112,402	158,752
1876-77 ...	49,820	103,298	153,118
1877-78 ...	25,615	135,030	160,645
1878-79 ...	35,244	113,503	148,747
1879-80 ...	47,180	149,512	196,692

21. The issues from stock are given in the margin, but these figures are of little use in reviewing the store expenditure, as they do not represent the entire expenditure of the department, but only of such articles as are kept in stock. These again vary considerably, as in times of scarcity, or anticipated scarcity, certain articles not ordinarily kept in stock are laid in as a measure of economy, or even necessity, for the purpose of feeding troops, horses, and cattle. Articles issued direct by contractors to the troops are not included, as they are not passed through the store books.

Years.	Europe stores.	Indian stores.	Total.
	£	£	£
1875-76 ...	552,668	331,664	884,332
1876-77 ...	469,044	387,870	856,914
1877-78 ...	365,757	316,216	681,973
1878-79 ...	310,174	301,538	611,712
1879-80 ...	277,505	361,259	638,764

22. The large increase of late years in the use of locally brewed malt liquor is a prominent feature in the expenditure of this department in the Bengal presidency, and there are grounds for hoping that in course of time the supply for the Madras army may also be procured locally. The hill beer is generally liked and in some cases preferred by the troops to English beer. The indents on England for malt liquor for the Bengal presidency have in consequence been much reduced in recent years. In 1880-81 no malt liquor was required from home for the Bengal presidency, and the demands on England for 1881-82 and 1882-83 amount to only 12,400 and 7,300 hogsheads respectively.

23. A three years' contract (for the years 1880, 1881 and 1882) was entered into with the local brewers for the supply of malt liquor at the stations of—

Agra.	Muttra.
Agra Fort.	Ranikhet.
Fatehghur.	Umballa.
Delhi.	Chakratta.
Roorkee.	Kasauli.
Landour.	Dagshai.
Amritsur	Jutogh.
Meerut.	Kangra.
Subathoo.	Bhagsu.
Solon.	Meean Meer.
Simla.	Dalhousie.
Jullundur.	Mooltan.
Bareilly.	Dera Ismail Khan.
Shajehanpur.	Sialkot.
Moradabad.	Rawul Pindi.
Sitapur.	Murree.
Naini Tal.	Campbellpore.
Morar.	Peshawar.
Fort Gwalior.	Nowshera.
Jhansi.	Attock.
Ferozepore.	

The total quantity to be supplied in the three years is 97,750 hogsheads.

24. The prices paid in England for malt liquor for the three presidencies and the charges for freight are as follows:—Bengal, price £ 2-2-11 per hogshead of ale in 1879-80 against £2-13-0 in 1878-79; freight £0-5-10 per hogshead in 1879-80 against £0-4-9¾ in 1878-79; Madras, price £2-7-6 per hogshead of ale in 1879-80 against £ 2-14-6 in 1878-79; freight £ 0-10-9 in 1879-80 against £0-13-3½ in 1878-79; Bombay, price £2-8-4 per hogshead of porter in 1879-80, and freight £0-9-8.

25. The higher prices paid for malt liquor for Madras and Bombay are due to the period of shipment for those presidencies, the brewers charging more for malt liquor which they have to keep in stock for some time after the brewing season is over. The higher freights charged for shipments to those presidencies is due to the average rates for Madras and Bombay including despatches to Cannanore, Rangoon, Kurrachee and Aden, for which ports high rates are charged by shipowners, while the malt liquor for Bengal is all consigned to Calcutta, for which port favourable rates of freight are always available.

26. The rates for hill beer include the cost of carriage to canteens, the supply being made direct to regiments. The saving from its use varies with

the rate of exchange and with the prices paid for malt liquor in England. The saving on the quantity 97,750 hogsheads contracted for was originally estimated at about 13 lakhs of rupees, but the price of English malt liquor has since fallen considerably, and the saving at present rates would amount to about $3\frac{1}{4}$ lakhs of rupees.

27. Rum is supplied in Bengal by Messrs. Carew and Co., of Rosa Factory, Shajehanpur, at the rate of Rs. 1-3-0 per imperial gallon, including the cost of casks, and also including carriage to certain points on the line of railway. In Madras, by Messrs. Binny and Co., at Rs. 1-1-3 per gallon against Rs. 1-1-7 in the preceding year. In Bombay, by Messrs. Carew and Co., the Bengal contractors, at Rs. 1-7-0 per gallon delivered free of carriage at most stations against Rs. 1-7-8 in 1878-79.

28. As remarked in last year's report, an important change was made during 1878-79 in the system of supply of malt liquor and rum to British troops in India, with a view to discouraging the use of alcoholic drinks in the army, and generally of improving the *morale* of the soldier by reposing greater trust in his common sense and self-respect.

29. The following figures, showing the consumption of malt liquor and rum in the three presidencies, will indicate the effects of the new canteen system :—

Years.	Malt liquor per man per diem.			Rum per man per diem.		
	Bengal.	Madras.	Bombay.	Bengal.	Madras.	Bombay.
	Pints.	Pints.	Pints.	Drams.	Drams.	Drams.
1877-78	1·44	1·59	1·5	·55	·65	·47
1878-79	1·45	1·66	1·4	·50	·37	·47
1879-80	1·63	1·75	1·44	·49	·22	·30

30. In the Madras presidency, where the new system has been generally introduced, the consumption of rum has decreased by about two-thirds, while malt liquor has increased by only about 10 per cent.

In Bengal and Bombay the new system was only in partial operation during 1879-80; and although a slight decrease is shown in the consumption of rum and a slight increase in malt liquor, these figures must be taken with reserve, as the expenditure in those presidencies was considerably affected by the movement of troops on service, when rum only was issued, and this accounts for the increased receipts for rum as shown in the following paragraph. The experiment thus far, however, continues to work very satisfactorily.

31. In the following statement is shown the receipts obtained from the sale of malt liquor and rum in the three presidencies during the last five years :—

Years.	Bengal.		Madras.		Bombay.		India.	
	Malt liquor.	Rum.	Malt liquor.	Rum.	Malt liquor.	Rum.	Malt liquor.	Rum.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1875-76 ...	18,99,169	4,71,642	5,80,741	1,28,489	5,53,002	1,51,969	30,32,912	7,52,100
1876-77 ...	18,59,915	4,18,156	5,37,646	1,28,114	5,16,944	1,39,275	29,14,505	6,85,545
1877-78 ...	17,11,866	3,57,953	5,26,209	1,19,640	5,28,792	1,27,140	27,39,867	6,05,043
1878-79 ...	16,06,556	3,24,148	6,81,285	76,940	5,14,523	1,14,489	28,02,364	5,15,577
1879-80 ...	15,70,312	4,17,442	7,38,691	51,667	6,09,852	77,054	29,18,855	5,46,163

32. The sale of beer at 3 annas the quart under the former system of supply entailed a heavy annual loss to the State, as that price did not cover the cost of the liquor including incidental charges, sea and inland transport, &c. The increase of the price to 4 annas a quart raises the receipts by 33 per cent., so that, adopting Rs. 29,15,761 as the average annual receipts from the sale of malt liquor during the three years preceding 1878-79, the saving effected by the introduction of the new canteen system may be estimated at Rs. 9,71,290 per annum.

33. With one or two trifling exceptions, *Indian* tea is used at all stations in India. In Bengal, it was obtained at an average rate of annas 8-$6\frac{1}{4}$ per lb. against annas 8-$1\frac{1}{2}$ pie in 1878-79; in Madras, at annas 9 per lb. against annas 9-3 in 1878-79; and in Bombay, at annas 9-11 per lb. against annas 10-4 in 1878-79.

34. *Ordnance stores.*—The cash expenditure in England and in India, and the issues from stock in India, are shown in the following statement :—

Years.	Cash expenditure.			Issues from stock.		
	In England.	In India.	Total.	Europe stores.	Indian stores.	Total.
	£	£	£	£	£	£
1875-76	480,468	238,270	718,738	403,673	963,490	1,367,163
1876-77	505,267	188,848	694,115	499,671	972,406	1,472,077
1877-78	555,062	187,817	742,879	556,461	1,009,031	1,565,492
1878-79	264,885	261,423	526,308	601,074	1,365,653	1,966,727
1879-80	214,759	231,426	446,185	340,859	1,110,651	1,451,510

35. The large increase during the last two years in the expenditure of Indian stores was due chiefly to large purchases of tents and other requirements in connection with the campaign. The very large reduction in the issues of Europe stores was due to the exceptionally heavy expenditure on changes of equipment,—the issue of Martini-Henry rifles to British troops, Sniders to Native troops, substitution of rifled guns for smooth-bores in the artillery, &c.,—having been mainly completed in the previous years.

36. There is still, however, a considerable expenditure to be incurred in guns, carriages, and ammunition for the armaments of forts in India, but it may be hoped that the expenditure on ordnance stores may continue at the reduced figure in the year under review, or even at a still lower rate, and that the exceptionally heavy expenditure of the previous years will not be repeated. There is a constantly recurring expenditure, of which no doubt much is absolutely necessary, owing to the frequent changes, alterations and additions of equipment which take place every year. On this point it seems desirable to reproduce here an extract from the store review of 1876-77.

'Changes are of course necessary, more especially at home, to keep the army in an equally efficient state with the armies of other powers, and even to put it in a better position in that respect, so that superiority of arms and equipment may compensate for inferiority of numbers.

'The annexed extract from a report by a Committee of the House of Commons puts the question very clearly and forcibly, and is quoted here to show the necessity for a careful scrutiny of all proposals for change :—

"Para. 59. The defences of the Thames were re-armed about eight years ago; they are being re-armed again, and some of the former guns have never been mounted during the period between the changes. Reserves of naval stores have been returned from foreign stations, new, but quite obsolete.

"60. The progress of scientific discovery and invention renders a certain amount of waste and loss in this way unavoidable. The important question, however, remains for consideration whether, in some cases, what may appear to be a promising novelty, in the shape of a new pattern, is not too hastily adopted, and a large expenditure involved by a department which a very brief experience might prove to have been altogether unnecessary. Such a case would appear to have been in the mind of the late Controller of the Navy, who, when before the Committee, stated that on one particular occasion several hundreds of a particular pattern of gun were manufactured for the gunboats in the navy, not one of which was mounted.

"61. In the Clothing Department of the Army, the continuous change of patterns is complained of as a serious addition to the cost."

'It is the more necessary to draw special attention to this point, as proposals for changes of equipment, pattern, &c., are often unaccompanied, and in some cases necessarily so, by any very accurate estimate of cost, and are not therefore subjected to the same strict scrutiny as proposals for extra establishments, pay, &c., where the element of cost is brought into more direct prominence.'

37. These views are confirmed by the following extract from a letter addressed to the Government of Madras by Sir Neville Chamberlain, the Commander-in-Chief in that presidency, in connection with the question of the abolition of the saddle contract fund in the Madras cavalry :—

"Should Government entertain this measure, it will, of course, be necessary for all new saddles, as required, to be furnished by the State, but His Excellency believes this to be preferable to the course now pursued, for circumstances have come under his knowledge to show that saddles condemned by another branch of the service as being of obsolete pattern have been bought up as serviceable saddles for the light cavalry.

"It is the opinion of Sir Neville Chamberlain that throughout the mounted branches of the service, on the introduction of a new pattern of equipment, much money has been wasted by allowing equipment in use, whether serviceable or not, to be condemned wholesale, merely to admit of uniformity, instead of the new pattern being introduced by degrees as the old became unserviceable. His Excellency feels sure no continental nation would ever attempt to encounter the cost of such a system."

38. The substitution of brown leather for buff accoutrements for the Native army in India is expected to result in a considerable saving of expenditure, as the brown leather can be manufactured in India at a cost of about 10 annas per lb., while the buff leather has to be procured from England at a cost of about Rs. 2 per lb. The question of its further introduction for the British army in India is still under consideration. Indian-made leather belting for driving machinery is now used in all Government mills and factories in place of imported belting.

39. The new equipment regulations for the army and the code of regulations for the ordnance department, sanctioned on the recommendations of the special committee on ordnance, will effect a considerable reduction in the reserves of ordnance stores hitherto kept up, especially in small arm ammunition, guns, carriages and ordnance ammunition. A reduced scale of siege trains and ammunition was prescribed during the year.

40. During the year Rs. 55,000 was paid to Mr. Morris for his invention, by which the metal cases of fired ball cartridges are utilised for the local manufacture by regiments of blank cartridges, hitherto supplied from the small arm ammunition factories. The saving by the use of this invention is estimated at Rs. 1,20,000 per annum for all India.

41. Under the orders of Government in the Financial Department, stores issued to civil departments, except for such services as are paid out of provincial revenues, are now written off the books of the Military Department without any corresponding credit from the civil department. The effect of this change is to cause a considerable diminution in the army receipts and in the civil charges.

42. *Clothing stores.*—The cash expenditure and the issues from stock in India of clothing stores were as follows :—

Years.	Cash expenditure.			Issues from stock.		
	In England.	In India.	Total.	Europe stores.	Indian stores.	Total.
	£	£	£	£	£	£
1875-76 ...	235,171	11,615	246,786	259,348	9,375	268,723
1876-77 ...	254,290	8,252	262,542	210,415	9,300	219,715
1877 78 ...	357,701	7,066	364,767	215,940	5,287	221,227
1878-79 ...	218,602	5,843	224 115	307,244	7,035	314,279
1879-80 ...	315,164	12,708	327,872	362,394	27,404	389,798

43. The expenditure of clothing stores in the alternate years of cloth and serge manufacture does not ordinarily vary to any great extent. The increased expenditure of the last two years was due to large quantities of warm clothing having been made up for troops and followers in Afghanistan. The large increase in the consumption of Indian stores was due to emergent purchases in the local markets on account of the war, and not to any extended utilisation of local products and manufactures, for it was found that neither the jail nor the other local manufactures were able to compete either in quality or in price with imported stores.

44. Almost the whole of the stores are obtained from England, the local supplies consisting chiefly of packing materials and small miscellaneous stores.

45. The machine-made boots sent out from England were again reported to have worn badly, and had in some cases to be replaced by a fresh supply of hand-made boots. The imported knee-boots having been found to deteriorate very rapidly, owing, it was believed, to the nature of the dye used, it has been decided to send them out, of brown leather, uncolored.

46. *Marine stores.*—The expenditure is reviewed in some little detail in the latter portion of this review. The accounts were kept under a somewhat incomplete system in previous years, and are still in a transition state. The imported marine stores consist of metals, paints, canvas, oils, ropes (partially), coal (partially), chain cables, &c., while the local stores consist of timber, coals, ropes, &c.

G. CHESNEY, *Colonel*,
Secretary to the Government of India.

I.

Statement shewing the cash expenditure on Stores in England and in India during the years 1875-76 to 1879-80, for each of the several Military Departments in the three Presidencies.

Departments.		Bengal.			Madras.			Bombay.			India.		
		Home expenditure, including freight.	Indian expenditure, including freight on Europe stores.	Total.	Home expenditure, including freight.	Indian expenditure including freight on Europe stores.	Total.	Home expenditure, including freight.	Indian expenditure, including freight on Europe stores.	Total.	Home expenditure, including freight.	Indian expenditure including freight on Europe stores.	Total.
		£	£	£	£	£	£	£	£	£	£	£	£
Medical	1875-76	26,414	19,787	46,201	22,045	3,496	25,541	14,738	4,831	19,569	63,197	28,114	91,311
	1876-77	45,810	19,840	65,650	21,962	3,761	25,723	11,531	5,515	17,046	79,303	29,116	108,419
	1877 78	28,571	32,871	61,442	12,056	2,908	15,964	11,062	6,247	17,309	51,689	43,026	94,715
	1878-79	24,936	28,324	53,260	23,264	4,310	27,574	11,311	10,756	22,067	59,511	43,390	102,901
	1879-80	15,537	22,934	38,471	26,193	4,150	30,343	9,498	10,397	19,895	51,228	37,481	88,709
Malt Liquor	1875 76	181,703	41,527	223,230	50,197	...	50,197	39,860	.....	39,860	271,760	41.527	313,287
	1876-77	135.617	75,491	211,008	59,302	...	59,302	45,541	.....	45,541	240,460	75,491	315,951
	1877-78	62,959	96,539	159,498	55,593	...	55,593	46,270	30	46,296	164,822	96,565	261,387
	1878-79	51,612	91,812	143,324	41,760	296	42,056	28,104	55	28,159	121,376	92,163	213,539
	1879-80	4,836	93,695	98,531	41,751	60	41,811	29,965	3,028	32,993	76,552	96,783	173,335
Commissariat	1875-76	13,797	70,267	84,064	23,611	38,686	62,297	8,942	3,449	12,391	46,350	112,402	158,752
	1876-77	32,567	48,612	81,069	10,158	44,507	54,665	7,110	10,279	17,389	49,820	103,398	153,118
	1877-78	12,035	63,154	75,189	6,875	60,058	67,933	6,705	10,918	17,623	25,615	135,030	160,645
	1878 79	17,239	43,122	60,361	7,313	59,776	67,089	10,692	10,805	21,297	35,244	113,503	148,747
	1879-80	23,493	69,294	92,787	18,701	70,750	89,451	4,986	9,668	14,654	47,180	149.512	196,692
Ordnance	1875-76	293,851	129,841	423,092	71,857	29,091	100,948	114,780	79,338	194,098	480,488	238,270	718,738
	1876 77	277,961	98,582	376,543	88,423	19,724	108,147	158,883	70,542	209,425	505,267	188,848	694,115
	1877-78	260,274	112,447	372,721	133,286	28,242	161,528	161,502	47,128	208,630	555,062	187,817	742,879
	1878-79	137,601	143,025	280,626	55,962	42,350	98,312	71,322	76,048	147,370	264,885	261,423	526 308
	1879 80	95,358	140,376	235,734	41,470	28,010	69,480	77,931	63,040	140,971	214,759	231,426	446,185
Clothing	1875 76	148,400	5,896	154,296	47,742	1,467	49,229	39,069	4,252	43,261	235,171	11,615	246,786
	1876-77	149,485	5,825	155,310	60,982	2,198	62,280	44,723	229	44,952	254,290	8,252	262,542
	1877-78	216,742	4,835	221,577	78,843	1,910	80,753	62,116	321	62,137	357,701	7,066	364,767
	1878-79	130,724	2,288	133,016	43,854	2,805	46,659	44,020	750	44,770	218,602	5,843	224,445
	1879-80	206,307	9,808	215,115	61,286	2,153	63,739	48,571	447	49,018	315,164	12,708	327, 72
Total of all Departments	1875-76	664,165	267,318	931,483	215,472	72,740	288,212	217,309	91,870	309,179	1,096,946	431,928	1,528,874
	1876-77	641,330	248,250	889,580	239,922	70,190	310,112	247,788	86,565	334,353	1,129,040	405,005	1,534,045
	1877-78	580,581	309,846	890,427	286,653	95,018	381,671	287,655	64,640	352,295	1,154,889	469,504	1,624,393
	1878-79	362,016	308,571	670,587	172,153	109,537	281,690	165,449	98,214	263,663	699,618	516,322	1,215,940
	1879-80	344,531	336,107	680,638	189,401	105,423	294,824	176,951	86,380	267,331	704,883	527,910	1,232,793
Marine	1875-76	30,632	...	30,632	...	...	...	35,409	...	35,409	66,041	...	66,041
	1876-77	31,750	...	31,750	..	...	...	27,890	23,916	51,806	59,640	23,916	83,556
	1877-78	23,098	...	23, 98	...	...	...	11,198	23,240	34,138	34,296	23,240	57,536
	1878-79	14,688	...	14,688	...	...	...	6,382	...	6 382	21,070	...	21 070
	1879-80	25,599	13,315	38,9 4	...	...	...	24,482	18,950	43,432	50,081	32,265	82,346

II.

Statement shewing the receipts and issues of Home and Indian Stores during the years 1875-76 to 1879-80 in the several Military Departments in the three Presidencies, also the store balances at the commencement and end of the periods.

Departments.		Balance on 1st April of each year.		Receipts.		Issues.		Balance on 31st March of each year.	
		Europe Stores.	Indian Stores.	Europe Stores.	Indian Stores.	Europe Stores.	Indian Stores.	Europe Stores.	Indian Stores.
		£	£	£	£	£	£	£	£
Medical. Bengal	1875-76	115,449	3,697	49,834	10,685	55,042	11,216	110,241	3,167
	1876-77	110,241	3,167	65,596	10,206	50,252	9,615	125,585	3,758
	1877-78	125,585	3,758	39,636	16,816	45,533	13,194	119,688	7,380
	1878-79	119,688	7,380	36,098	18,577	44,182	15,335	111,604	10,622
	1879-80	111,604	10,622	20,280	18,945	39,427	20,902	92,457	8,965
Madras	1875-76	26,685	2,287	38,298	4,029	23,421	3,952	41,562	2,364
	1876-77	41,562	2,364	14,178	2,934	20,555	2,875	35,185	2,423
	1877-78	35,185	2,623	34,846	3,470	30,519	3,891	39,492	2,202
	1878-79	39,492	2,202	22,031	5,750	24,538	4,799	36,985	3,153
	1879-80	36,985	3,153	35,855	6,278	19,754	5,466	53,086	3,965
Bombay	1875-76	44,134	2,779	18,897	10,388	24,333	8,698	38,698	4,469
	1876-77	38,698	4,469	19,196	11,356	25,309	11,056	32,585	4,769
	1877-78	32,585	4,769	15,328	12,130	17,566	12,077	30,347	4,822
	1878-79	30,347	4,822	18,126	15.158	19,026	13,312	29,447	6,638
	1879-80	29,447	6,638	15,377	16,701	19,861	15,889	25,023	7,470
Commissariat. Bengal	1875-76	296,837	213,063	342,406	247,532	372,594	234,225	266,649	226,370
	1876-77	266,649	226,370	295,118	176,341	281,779	207,461	280,288	195,250
	1877-78	280,288	195,250	251,633	254,708	224 752	227,876	307,169	222,082
	1878-79	307,169	222,082	104,375	219,831	181,749	224,429	229,795	217,484
	1879-80	229,795	217,484	94,213	300,682	159,889	273,828	164,119	244,338
Madras	1875-76	90,442	112,170	93,324	45,192	98,883	40,701	84,883	116,661
	1876-77	84,883	116,661	84,380	34,837	121,267	121,063	47,996	30,436
	1877-78	47,996	30,436	65,562	30,703	68,349	42,845	45,209	18 294
	1878-79	45,209	18,294	53,462	31,791	65,345	21,305	33,326	28,780
	1879-80	33,326	28,780	49,608	22,488	56 631	30,202	26,303	21,061
Bombay	1875-76	96,084	36,725	78 803	54,201	81,191	56,738	93,696	34,189
	1876-77	93,696	34,188	53,592	45,750	65,998	59,347	81,290	20,591
	1877-78	81,290	20,591	58,856	45,840	72,656	45,495	67,290	20,936
	1878-79	67,290	20,936	41,210	57,221	63,080	55,804	45,420	22,353
	1879-80	45,420	22,353	43,576	54,564	60,985	57,229	28,011	19,688

II —continued.

Statement shewing the receipts and issues of Home and Indian Stores, &c.—contd.

	Departments.		Balance on 1st April of each year.		Receipts.		Issues.		Balance on 31st March of each year.	
			Europe Stores.	Indian Stores.	Europe Stores.	Indian Stores.	Europe Stores.	Indian Stores.	Europe Stores.	Indian Stores.
			£	£	£	£	£	£	£	£
Ordinance.	Bengal	1875-76	1,203,539	1,228,532	175,881	464,454	169,795	442,916	1,209,625	1,250,070
		1876-77	1,209,625	1,250,070	208,414	695,176	213,501	457,257	1,204,538	1,487,989
		1877-78	1,204,538	1,487,989	381,267	482,237	248,814	506,381	1,126,991	1,463,845
		1878-79	1,126,991	1,463,845	153,985	667,003	229,472	719,057	1,351,504	1,411,791
		1879-80	1,351,504	1,411,791	158,159	703,875	168,704	709,759	1,340,959	1,105,907
	Madras	1875-76	693,099	425,763	111,554	149,784	108,379	130,576	696,215	444,971
		1876-77	696,215	444,971	111,769	123,365	138,136	153,942	672,878	414,394
		1877-78	672,878	414,394	184,729	178,731	192 342	168,814	665,265	424,311
		1878-79	665,265	424,311	109,242	227,145	126,885	198,564	647,622	45 ,892
		1879-80	647,622	452,892	75,613	167,708	94,431	160,829	628,804	459,771
	Bombay	1875-76	647,594	597,741	13,,428	403,178	125,499	389,998	659,523	610,921
		1876-77	659,523	610,921	189,943	388,757	148,034	261,207	701,432	638,471
		1877-78	701,432	638,471	140,165	339,050	115,305	333,836	726,292	643,685
		1878-79	726,292	943,685	158,257	389,716	244,717	448,032	639,832	585,369
		1879-80	639,832	585,369	112,836	225,536	77,724	240,063	674,944	570,842
Clothing.	Bengal	1875-76	141,702	514	137,861	6,220	151,465	5,941	128 038	793
		1876-77	128,038	793	100,675	6,351	111,928	6,705	116,785	439
		1877-78	116,785	439	166,058	3,498	122,000	3,302	160,843	545
		1878-79	160,843	545	146,438	1,183	201,388	1,382	125,893	346
		1879-80	125,893	346	244.302	9,055	267,197	7,486	112,998	1,915
	Madras	1875-76	66,825	1,797	48,271	1,600	53,842	2,141	61,254	1,256
		1876-77	61,254	1,256	52,053	1,949	50,016	1,491	63,291	1 714
		1877-78	63,291	1,714	66,608	1,958	49,636	1,598	80,264	2,074
		1878-79	80,264	2,074	38,731	2,647	50,273	2,399	68,722	2,322
		1879-80	68,722	2,322	56,938	1,990	57,420	1,836	68,240	2,185
	Bombay	1875-76	47,741	581	44,261	841	54,041	1,293	37,961	129
		1876-77	37,961	129	30,834	1,236	48,171	1,104	20,324	261
		1877-78	29,324	261	57,707	139	44,305	297	42,726	103
		1878-79	42,726	103	59,119	3,545	55,583	3,254	46,262	394
		1879-80	46,262	894	41,081	18,122	47,777	18,082	39,566	434
Total of all Departments.	Bengal	1875-76	1,757,527	1,445,806	705,922	728,891	748,898	694,297	1,714,553	1,480,400
		1876-77	1,714,553	1,480,400	760,103	888,074	657,400	681,038	1,817,196	1,687,436
		1877-78	1,817,196	1,687,436	838,594	757,259	641,099	750,843	2,014,691	1,693,852
		1878-79	2,014,691	1,693,852	460,896	906,594	656,791	980,203	1,818,796	1,640,243
		1879-80	1,818,796	1,640,243	516,954	1,032,557	625,217	1,011,975	1,710,533	1,660 825
	Madras	1875-76	877,042	542,017	291,427	200,605	284 525	177,370	883,944	565,252
		1876-77	883,944	565,252	265,360	163,085	329,974	279,170	819,330	449,167
		1877-78	819,330	449,167	351,745	214.862	340,845	217,148	830,230	446,881
		1878-79	830,230	446,881	223,466	207,333	267,041	227,067	786,655	487,147
		1879-80	786,655	487,147	218,014	198,468	228,236	198,333	776.483	487,282
	Bombay	1875-76	835,553	637,826	279,389	468,608	285,064	456,727	829,878	649.707
		1876-77	829,878	649,707	302,565	447,099	287,812	482,714	844,631	664,092
		1877-78	844 631	664,092	271,856	397,159	249,832	391,705	866,655	669,546
		1878-79	866,655	669,546	276,712	465,630	382,106	520,132	760,961	614,754
		1879-80	760,961	614,754	212,870	314,923	246,287	331,243	767,544	598,434
	Total	1875-76	3,470,122	2,625,649	1,276,738	1,398,104	1,318,185	1,328,394	3,428,375	2,695,359
		1876-77	3,428,375	2,695,359	1,328,028	1,498,258	1,275,186	1,392,922	3,481,157	2,800,695
		1877-78	3,481,157	2,800,695	1,462,195	1,369,280	1,231,776	1,359,696	3,711,576	2,810,279
		1878-79	3,711,576	2,810,279	961,074	1,639,567	1,306,238	1,767,702	3,366,412	2,742,144
		1879-80	3,566,412	2,742,144	947,838	1,545,948	1,059,740	1,541,551	3,254,510	2,746,541
Marine.	Bengal	1875-76	126,010	5,880	15,720	45,710	29,220	44,970	121,540	6,620
		1876-77	121,540	6,620	14,759	29,449	26,472	29,712	109,827	6,357
		1877-78	109,827	6,357	25,388	30,143	35,554	29,504	99,661	6,996
		1878-79	99,661	6,996	16,694	31,600	26,462	36,583	89,893	5,013
		1879-80	89,893	5,013	38,358	57,253	2,876	39,292	125,375	22,974
	Bombay	1875-76								
		1876-77								
		1877-78	183,664		55,275		66,277		217,662	
		1878-79	146,609	26,053	39,996	80,561	47,023	75,391	130,582	31,223
		1879-80	130,582	31,223	33,555	33,174	44,587	48,897	128,550	16,500

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

CIVIL WORKS.

Irrigation.

REVENUE REPORT OF IRRIGATION WORKS IN RAJPUTANA FOR THE YEAR 1880-81.

Nos. 124-132 I., dated Simla, the 26th April 1882.

RESOLUTION—By the Government of India, Public Works Department.

Read—

Letter No. 2826S., dated 14th November 1881, from the Agent, Governor General, and Chief Commissioner, Rajputana, and its enclosures, the Revenue Report, and a Memorandum on the Report by the Chief Commissioner.

OBSERVATIONS.—The rainfall of 1880 in Ajmir and Merwara was, on the whole, below the average and unfavorable for purposes of storage. Although more or less rain fell during each of the months of July, August, and September, the intervals between the falls were occasionally very long, and only 14 falls were registered of more than 2″ in 24 hours. As the supply of the tanks is entirely dependent on heavy or continuous rain, they were only partially filled, and the small amount of water which was stored was still further reduced by the necessity for irrigating the "kharif" crops. The supply was therefore quite insufficient to meet the demand during the "rabi."

2. The direct outlay on Capital Account during the year under review amounted to Rs. 13,239, and the total direct outlay on Capital to the end of the year was Rs. 14,37,033. The total Capital outlay to end of the year, including all direct and indirect charges, amounted to Rs. 14,93,470.

3. The gross revenue assessed amounted to Rs. 79,434 during 1880-81, the average of the two previous years having been Rs. 89,795, the working expenses, inclusive of indirect charges, amounted to Rs. 40,635, the average of the two previous years having been Rs. 59,879, including all charges.

4. The net profit from the *assessed* revenue amounted therefore to Rs. 38,799, or very nearly 2½ per cent. on the total Capital outlay of all kinds to the end of the year. If the Revenue *receipts* for the year 1880-81 be taken into consideration instead of the assessments, the net profit amounted to Rs. 53,809*, or 3·6 per cent. on the Capital outlay to the end of the year. The low returns upon outlay are due to the comparatively unprofitable character of the new tanks, for the net assessed revenue of the old tanks during 1880-81 amounted to Rs. 45,004,† or 5·91 per cent. on the Capital outlay of Rs. 7,61,138, while the working expenses of the new tanks exceeded the gross assessed revenue by Rs. 6,205.‡

1880-81.	Rs.
* Revenue receipts .	94,444
Working expenses .	—40,635
	53,809
Old Tanks, 1880-81	**Rs.**
† Gross assessed revenue, direct and indirect .	77,066
Working expenses .	32,062
	45,004
New Tanks.	**Rs.**
‡ Gross assessed revenue, direct and indirect .	2,368
Working expenses .	8,573
	—6,205

5. Although the benefit to the country resulting from the construction of these tanks must not be measured entirely by the returns shown in a Revenue Report, yet the figures given in the conclusion of the preceding paragraph point to the necessity of keeping down establishment charges as much as possible. The parallel instituted in the note of the Superintending Engineer between the establishment charges of the irrigation tanks in Ajmir and Merwara and those of the Ganges and Eastern Jumna canals cannot be admitted as sound, because the maintenance of the works and water-supply, the distribution of the water, and measurement and assessment of irrigated land are incomparably more difficult and complicated on the latter than on the former class of works, and no fair comparison can be drawn between them in respect of the establishment required for efficient maintenance and control.

6. Observations should be continued on the effect of the new tanks on the spring level in the neighbouring wells. The standard of comparison adopted in paragraph 34 of the Commissioner's Report (the area irrigated from the wells) is an excellent practical test of the benefit derived, but, as other causes than the spring level in a well might affect the area irrigated from it, direct measurements of the water level should also be made.

ORDER.—Ordered, that a copy of this Resolution be forwarded to the Agent, Governor General, and Chief Commissioner, Rajputana, for information and guidance.

Also, that copy of the Resolution and of the Report be forwarded to the Governments of Madras, Bombay, Bengal, North-Western Provinces and Oudh, and to the Punjab, in the Public Works Department, for information.

Also, that a copy of the Resolution and of the Report be forwarded to the Revenue and Agricultural Department and to the Department of Finance and Commerce for information.

Also, that the Resolution and Memorandum by the Agent, Governor General, together with the statement of general financial results compiled by the Examiner of Public Works Accounts, be published in the Supplement to the *Gazette of India*.

Ordered further, that a copy be forwarded to Her Majesty's Secretary of State for India for information.

HENRY A. BROWNLOW, *Colonel, R.E.,*
Deputy Secretary to the Govt. of India.

Memo. by Colonel C. K. M. WALTER, Officiating Chief Commissioner, Jeypore, on the Ajmir and Merwara Irrigation Revenue Report, 1880-81.—Dated 17th November 1881.

As this Report refers to a period prior to my advent to officiate as Chief Commissioner, and as it has reached me very late (22nd October), I shall only briefly notice one or two points in the Commissioner's Report.

2. In paras. 28 and 29 of the Report a lengthy reference is made to the remarks of my predecessor. The Government of India had asked* for an early report on "the actual number of wells the supply in which is wholly or mainly dependent on the tanks." In the Revenue Report of last year the Commissioner gave a statement which he introduced in the following language:—

* Public Works Department Nos 409—171, dated 17th December 1879.

"The following statement purports to give the number of wells and irrigated area which is supposed to have benefited by the construction of the new large tanks only. It is prepared by the Superintendent of Irrigation, and I give it for what it is worth, but I am not prepared to endorse it as correct. The new Ladpura tank will most likely benefit, by percolation, the 39 new wells constructed below that dam, but without the tank the wells would probably have existed and have done well. The reason for their construction is quite independent of the tank, and no one can possibly apportion the benefits which they have and will derive from the accidental situation of the tank."

3. The tone of the paragraph was not calculated to inspire a belief in the accuracy either of the statements or conclusions. When therefore the Commissioner said that "without the tank the wells would probably have existed," and at the same time gave no reason for the conclusion, the Chief Commissioner very naturally remarked that in the absence of any reasons he did not attach much weight to it.

4. The Commissioner now gives his reasons; I cannot say they are conclusive. It appears to me equally probable that if the conditions favorable to the construction or existence of a tank had not been present, these wells would not have been constructed even with the assistance given. And under any circumstances that these wells have benefited by the construction of the tank, is a point about which there is not, so far as I know, the slightest doubt.

5. In Commissioner's para. 32, he has assumed that the Chief Commissioner, in his last year's memorandum, overlooked the order quoted in the margin of that paragraph. I cannot discover the smallest grounds for this assumption. In the discussion on rules regarding the management of new tanks, the order was never lost sight of; indeed new tank rule 27 was a direct consequence of that concession. In recent time the order was alluded to in connection with the proposed Mohamee Tank.

6. I am aware that it is not desirable in an annual administration report to allude to any subject not directly connected with the transaction of the year under review. The Commissioner's attention will be again directed to the rule on the subject.

RAJPUTANA PROVINCE.

IRRIGATION BRANCH.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1880-81.

No. 1.—General Abstract of Financial results showing the estimated cost of construction of Irrigation and Navigation Works, the Capital outlay thereon, the Revenue derived therefrom, the working expenses, and the interest on the debt incurred in respect of those works for and to end of 1880-81.

IRRIGATION AND NAVIGATION WORKS.

Works.	Capital outlay inclusive of indirect charges Nos. 2 and 5.			Receipts during 1880-81.			Working expenses during 1880-81 inclusive of indirect charges Nos. 3 and 5.	Interest charges during 1880-81.	Net result excluding interest.			Net result including interest.			
	Estimated cost of construction.	During 1880-81.	To end of 1880-81.	Water-rates, &c.	Collected with land revenue.	Total.			Excess revenue (surplus).	Excess expenditure (deficit).	Rate per cent. Of excess revenue.	Excess revenue (surplus).	Excess expenditure (deficit).	Rate per cent. Of excess revenue.	Rate per cent. Of excess expenditure.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		Rs.	Rs.		
Works in operation—															
Tanks in Ajmere Sub-Collectorate .	4,10,561	2,413	4,10,178	147	47,348	47,495	10,213	33,193	37,282	...	9·09	59,444	38,828	9·09	...
Tanks in Beawur .	1,72,686	...	1,73,247	323	29,528	29,851	7,689	22,162	22,162	...	12·79	...	...	12·79	...
,, in Todgurh .	1,14,478	4,273	1,11,136	254	12,444	12,698	14,160	...	...	1,462	...	...	1,462	...	1·31
Bheer Reservoir .	2,03,436	209	2,11,692	1,915	...	1,915	1,090	9,092	825	...	0·39	8,267	...	3·9	3·9
Bulad ,, .	94,198	14,005	1,02,675	598	...	598	3,028	3,862	...	2,430	...	6,292	...	6·13	2·37
Jalia ,, .	3,08,606	4,066	2,88,709	215	...	215	3,269	12,260	...	3,054	...	15,314	...	5·3	1·06
Ladpura ,, .	60,378	440	62,054	545	...	545	676	2,662	...	131	...	2,793	...	4·5	0·21
Makrera ,, .	1,47,598	7,157	93,739	24	...	24	65	3,585	...	41	...	3,626	...	3·9	0·04
Rajnosi ,, .	38,987	...	40,040	1,103	...	1,103	445	1,732	658	...	1·6	1,074	...	2·7	...
TOTAL .	15,50,928	32,563	14,93,470	5,124	89,320	94,444	40,635	33,193	60,927	7,118	3·6	59,444	38,828	1·4	

WM. GOODENOUGH BAYLY,
Deputy Examiner, P. W. Accounts, Rajputana.

GOVERNMENT OF INDIA.

LEGISLATIVE DEPARTMENT.

ABSTRACT OF THE PROCEEDINGS OF THE COUNCIL OF THE GOVERNOR GENERAL OF INDIA, ASSEMBLED FOR THE PURPOSE OF MAKING LAWS AND REGULATIONS UNDER THE PROVISIONS OF THE ACT OF PARLIAMENT 24 & 25 VIC., CAP. 67.

The Council met at Government House, Simla, on Thursday, the 18th May, 1882.

PRESENT:

His Excellency the Viceroy and Governor General of India, K.G., G.M.S.I., G.M.I.E., *presiding*.
His Honour the Lieutenant-Governor of the Panjáb, K.C.S.I.
His Excellency the Commander-in-Chief, G.C.B., C.I.E.
Major-General the Hon'ble T. F. Wilson, C.B., C.I.E.
The Hon'ble T. C. Hope, C.S.I.
The Hon'ble C. P. Ilbert.
The Hon'ble Sir S. C. Bayley, K.C.S.I., C.I.E.
The Hon'ble C. H. T. Crosthwaite.
The Hon'ble W. C. Plowden.
The Hon'ble W. W. Hunter, LL.D., C.I.E.

JHÁNSÍ ENCUMBERED ESTATES BILL.

The Hon'ble MR. CROSTHWAITE presented the final Report of the Select Committee on the Bill to provide for the relief of Encumbered Estates in the Jhánsí Division of the North-Western Provinces.

The Hon'ble MR. CROSTHWAITE also applied to His Excellency the President to suspend the Rules for the Conduct of Business. He said:—"My Lord, I think I may state briefly why we make this request, and why the passing of this measure has been so long delayed. The Bill has been a long time before the Council. It was first introduced by Mr. Bazett Colvin in 1880; but the measure then brought forward differed very materially from that now presented to the Council. The principal feature in that measure was a system of management under which the Revenue-officers undertook to manage the encumbered estates and to pay off the claims that might be proved against them from the profits. Now, I believe I am right in saying that my hon'ble friend Mr. Colvin himself never thoroughly approved of this measure, and that in the Select Committee it did not meet with entire assent. The consequence was that some correspondence ensued between the Legislative Department and the Government of the North-Western Provinces, and during that correspondence Mr. Colvin, taking up the lines suggested by the Government of India itself in the letter written to the North-Western Provinces Government in March, 1879, drafted a new Bill, which he submitted to the Local Government. The Local Government approved of this Bill and sent it up here. This was the beginning of the present measure.

"Then, Mr. Colvin did not come to Simla to attend the Council in 1881, and the consequence was that the Legislative Department had no one to whom they could refer for the details regarding the substantial part of the measure; and so the matter drifted on until December of last year, when I took charge of the Bill from the Hon'ble Mr. Rivers Thompson with his and Your Excellency's consent. The passing of the Bill has thus been delayed for a considerable time.

"Now, when we consider that one of the essential parts of this measure is to call in claims, to cut down interest and to go behind present compacts and agreements, it will be evident to the Council that any delay in the matter must be very injurious and hurtful. The persons concerned have long known—for the matter has been under discussion for the last six or seven years—that such

a proposal is contemplated; and we have lately received a letter from the North-Western Provinces Government, enclosing a report from the Commissioner of Jhánsí, from which it appears that the money-lenders are pressing their claims and doing their best to anticipate the Bill by selling up the very men whose interests we wish to secure.

"It appears to me that no more need be said to shew the necessity for departing from the usual course and for passing the Bill today."

His Excellency THE PRESIDENT said:—"I think that quite sufficient grounds have been advanced for suspending the Rules of Business in this case. There is an additional circumstance which has led to some delay in the matter to which my hon'ble friend did not advert, namely, that it was necessary in the last stage of the Bill to refer it home for the sanction of the Secretary of State. We have now received that sanction by telegram; and, as everything connected with the measure is completed, and all the persons interested appear to be agreed to it in its present form, and as, moreover, it deals with circumstances so exceptional and so difficult, I think we are justified in passing the Bill without delay. I may explain that some of the defects of the Bill as it was originally introduced struck my hon'ble friend now the Lieutenant-Governor of the Panjáb when he was a member of Council; and a note of his on the subject led me to look carefully into the matter, when I certainly agreed with the view of it which His Honour then took, namely, that the Bill as introduced into the Council early in 1880 was not framed in a manner which was likely to secure its satisfactory working. My hon'ble friend Mr. Colvin also shared the same opinion. Under these circumstances, the whole of the Bill was recast—an operation which took a considerable time, especially as it involved financial considerations of no small importance. I am very glad, however, that the matter has now been brought to a satisfactory conclusion, and I have therefore no hesitation in declaring that the Rules are suspended."

The Hon'ble MR. CROSTHWAITE then moved that the final Report be taken into consideration. He said:—

"I need not occupy the time of the Council by discussing the necessity of this measure. For some years past the Government of India has admitted in the plainest manner that the state of the Jhánsí Division was a discredit to the British Government and a blot on the administration. The Bill now before the Council is substantially the same as that drafted by Mr. Bazett Colvin in 1881, and Mr. Colvin followed as closely as possible the suggestions made by the Government of India in the Revenue Department in a letter to the North-Western Provinces Government, No. 152, dated 14th March, 1879.

"I will explain in a few words the character of the measure which I am asking the Council to pass. The main provisions of the Bill are three—

"The Bill provides, in the first place, for the calling in and investigation of all claims against the embarrassed zamíndárs.

"A special Judge is to be appointed for this duty, and to him are given very large powers in dealing with the claims. In this part of the Bill the provisions of the Dekkhan Agriculturists' Relief Act have been followed.

"There is no doubt that contracts and agreements of old standing will be interfered with in an arbitrary manner, very much being left to the discretion of the Judge. Speaking for myself, I think that such a measure needs to be supported by very strong reasons. One of the main objects and the best result of a system of law is the education of the people in habits of honest and upright dealing. Nothing can be worse than to give men to understand that whatever engagements or compacts they enter into may be set aside at the will of a Judge—who will relieve them from burdens they have voluntarily undertaken, and save them from the just consequences of their own recklessness. There are, however, conditions in which every Court of equity will interfere, and I think the circumstances of the present case justify the course of action which we contemplate.

"In the first place, it is clear from the reports before us that the parties have never been on equal terms. The Jhánsí peasant is a very ignorant man, and intellectually far inferior to the Marwári money-lenders with whom he deals; and I am afraid it must be admitted that these latter gentlemen have not always shown a due regard to the interests of their clients, but have been too ready to take advantage of their weakness, ignorance and need.

"In the next place, the peculiarity of the present case is this: A great part of the embarrassment of the zamíndárs is due to old debts contracted when there was no such thing as property in the soil, and when the money was advanced on purely personal security, and carried therefore a very high rate of interest. Now, it is well known that an Indian money-lender—or, indeed, any money-lender—dealing on such terms seldom calculates on recovering his principal directly, but trusts rather to what he can squeeze out of his debtor in the way of an exorbitant interest year by year. The money-lenders did not care to take ulterior measures. In fact, there were no ulterior measures to take, as, even if under the Native Government they had ousted the raiyat and taken his land, they would have merely gained a right to cultivate at an assessment or rent which left little profit.

"What happened is thus described by Mr. Jenkinson, an officer of high reputation in the North-Western Provinces, who settled the district in 1867. He says:—

"'The money-lenders kept the names of their clients on their books, allowing the original loans to increase year by year by the addition of interest and compound interest and by renewing the bonds from time to time. In this way sums which have been originally insignificant have swollen into enormous amounts; and now' (that was in 1867) 'the money-lenders, seeing that a settlement has been made on liberal terms, and their property is secure, are eager to get the estates of their debtors into their own hands.'

"I think that statement is sufficient to justify the interference we contemplate.

"Well, having reduced the claims against the zamíndár in this arbitrary but, as I trust you will think, not inequitable manner, the next step is to deal with the residue of them.

"My Lord, the Government has been ready to acknowledge its responsibility in this matter; and it has come forward in a liberal manner to do what is possible for these unfortunate men.

"It has been decided to advance to the zamíndár a sum equal to six times the annual profits from his land, on the security of his rights in the land. If that sum is enough to pay the claims certified against him, they will be paid off, and the money recovered from the zamíndár with five per cent. interest by instalments extending over ten years.

"If it is not enough, then his rights in the land must be sold. Unless there is a higher bid—a thing very unlikely to happen in Jhánsí—the Government will purchase the property at a sum equal to ten times the annual profit. The zamíndár will then be a tenant of his sir-land, holding under the auction-purchaser, whether Government or a private person, at a beneficial rent.

"It may be asked, why does the Government propose to purchase the land, since the position of the zamíndár as an ex-proprietor will be the same whether Government or a private person purchases his rights? This is a question I am bound to answer.

"There are several reasons for the course we have adopted. In the first place, it is evident that, as many estates will be thrown into the market, the value of this kind of property would fall; and the creditors would perhaps get only a portion of their dues. As the Government has determined to deal somewhat arbitrarily with the claims, it is perhaps only fair to take measures to prevent the depreciation of the value of the property which is to satisfy the just debts. That is one reason.

"Another reason is that the Government intends to do much more for such of the zamíndárs as are intelligent and deserving than appears on the face of the Bill. If the property is bought, as we hope in most cases will happen, by the Government, it is intended to use the zamíndár as an agent for the management of such land as may be in the hands of tenants, and for the collection of their rents, and to degrade him as little as possible. He will, in fact, be restored as near as may be to his former position either of

headman and Government agent in the village, or of a raiyat cultivating under Government. His income may be nominally somewhat less than it was before, and he will have no property in the soil which he can sell or mortgage; but he will be free from debt, and will only be responsible for his own rent and so much of the rents of others as he may collect.

"Last, but not least, we have other people to think of besides the zamíndár. There are the tenants or cultivators of the land. There is nothing in the reports to show what proportion of land is cultivated by the zamíndárs themselves, and what proportion by tenants under them. The average area of the properties with which we have to deal is said somewhere in the reports to be about 40 acres. It is not probable, therefore, that the tenantry are a very numerous body, but there will, nevertheless, be perhaps two or three for every zamíndár, and it is necessary and right to look after their interests. Until we took their headmen and interposed them between the cultivators of the soil and Government, the cultivators were the raiyats of Government, paying their rent to Government. There is no doubt that in making landlords out of the village headmen we degraded the raiyats, and subjected them to the demands and caprices of a needy landlord. By purchasing the property it will be possible to restore the raiyats to their old position, to fix their rents for the term of settlement and give them a more secure tenure of their holdings.

"I think, My Lord, these reasons are sufficient to justify the unusual action of Government in coming forward to purchase these properties.

"For my own part, I think it is a course which has a great deal to recommend it. It is a course which I should like to see adopted elsewhere, and on a larger scale, and which I have long advocated as the best method of preventing the evils which too commonly arise in this country from the transfer of land from the old agricultural to the commercial classes.

"I think I have now sufficiently explained the scope of the measure. The Bill, it cannot be denied, is a confession of error. We propose to spend a large sum of money, not to improve the land or open communications or add in any way to the wealth of the country, but merely in order to place these Jhánsí zamíndárs back in the same position in which we found them when we annexed their country. And in the meantime, during the five and twenty years which have elapsed, have these men of Jhánsí had a happy time? Have they had cause to bless us? I am afraid not. The interim has been chiefly spent in making them pay revenue when they had not the means, and in harassing them for arrears which they could not pay. It is written in the records of the Board of Revenue.

"But if the Bill is a confession of error, it is also an attempt to repair the mistake and to atone for an unintentional wrong. And that is why I dwell upon this matter, because I am afraid that the Bill, if the matter is left to it alone, will not be successful. I will not enter into a discussion as to the causes which have led to such disastrous results. Such a discussion, although of great practical value, would take a long time, and could hardly be brought to an issue here. But I feel bound to say this much, that, having seen the flourishing state of the Central Provinces, where the same system existed under Native rule, and where we pursued exactly the same course, I cannot admit that those persons are right who attribute the greatest share in the effects which we deplore to what they call 'the fatal gift of proprietary right.' The possession of the proprietary right, no doubt, was a condition which enabled these men to obtain money. But it was not the cause of their requiring it.

"We ought to look to our revenue system and our revenue administration. It is on record that after the Mutiny we compelled these men to pay again to us the revenue which had already been collected from them by the rebels. It also appears that, in 1868-69, when there was a severe drought and a scarcity approaching to famine, scant consideration was shown to them; and if this was done under such circumstances, what chance is there that they met with more liberal treatment when suffering under minor and less conspicuous difficulties? It is quite true that, during the last decade, since their state has become known, and their inability to pay has been recognised, the Government has dealt with them in a liberal manner. But it is a fault in our system that such knowledge comes too late, and that we hardly ever remit revenue or revise an assessment until the mischief has been done.

"The truth is that agriculture in Jhánsí is a precarious business; and this fact should be recognised. In introducing the Bill, Mr. Bazett Colvin said:—

"'In conclusion, I have only to say that the importance of modifying the revenue system of Jhánsí and of adjusting it for the future in some way to the variations in the annual produce of the harvest has not escaped the attention of the North-Western Provinces Government, and the question, I believe, is now under consideration and discussion. Personally, it seems to me that no scheme for relieving the distress of the proprietors in Jhánsí can be permanently successful which does not provide for this.'

"This was said by Mr. Colvin in February, 1880.

"In conclusion, I have to say exactly what Mr. Colvin said. I believe that, until the revenue-system is altered, there is no security against the recurrence and extension of the Jhánsí difficulties; and I believe also that the matter is still under the consideration of the Local Government."

The Hon'ble MR. PLOWDEN said:—"I should experience very unqualified satisfaction in aiding in the passage of this Bill through the Council, were it not for the fact that I cannot but deplore the great delay that has taken place in putting the Bill before the Council. The Hon'ble Member in charge of the Bill has stated that, of these two Bills which were brought before the Council, the first was brought forward in 1880; and he has referred also to the fact that the consideration of this measure of relief for the embarrassed zamíndárs in the Jhánsí Division has been before the Local Government and the Government of India for some six years. In turning to one of the Revenue Administration Reports of the North-Western Provinces for 1876-77, I find that the Deputy Commissioner of Jhánsí, who was responsible for the administration of the district, remarked, so far back as 1876, that the transfer of property in his district 'was probably checked to some extent by the inquiries which had been made into the indebtedness of the landholders, these inquiries having, it appears, led them to hope that a scheme for the liquidation of their debts was under consideration.'

"In very singular contrast to this is the passage cited by my hon'ble friend, which may be seen in the paper submitted to the Council containing Mr. Kaye's remarks to the Board of Revenue not two months ago. He says:—

"'The introduction of an Encumbered Estates Act for Jhánsí has been discussed for years. It is perfectly well known that such an Act may be passed any day. Similar Acts affecting other parts of the country have been passed, and the money-lending class thoroughly understand how their interests are likely to be affected when the Jhánsí Act becomes law. Naturally, they are doing all they can to protect themselves beforehand, and are foreclosing mortgages and executing decrees which would otherwise have been allowed to run on. For the same reason they are unwilling to grant fresh loans; and landholders, who at other times would have been able to raise money to stave off pressing claims, are unable to do so. So far, the action taken with reference to the contemplated Bill has had but one result, and that is to ruin a considerable number of the very class it is designed to serve.'

"Now, My Lord, I have noticed this matter, because I think that this measure cannot be considered to be a remedial measure: it is simply a measure of relief intended to put the landholders on a footing different from that on which they rest at present, and to place them on somewhat the same footing as they were before they began to borrow money to pay their arrears of revenue. But I think it necessary that some attention should be drawn to the fact that the position of these persons is due more to the pressure to recover the revenue for which they are responsible than to any other cause; and, this being the case, it is within the power of the Local Government to adopt a line of action which shall prevent a recurrence of the unfortunate results which the present Bill is designed to relieve.

"These results have, I believe, occurred simply because, in times of drought and scarcity, the landholders have not been able to pay their revenue, though they have been called upon again and again to 'stump up'; and it is impossible for these men, with the very small resources at their command, to yield to the Government pressure in this matter without at the same time encumbering their estates very largely. If now the Local Government will adopt the line of action of allowing revenue which from scarcity or any other cause the landholders cannot pay to lie over for a short period,

at the same time taking interest while the payment is deferred, they will, I think, assist the landholders to a material extent.

"I shall certainly support the Bill, though, as I have said before, I am sorry for the delay which has occurred in placing it before the Council."

His Excellency THE PRESIDENT said:—"With respect to the delay that has taken place, I should like to make one or two further remarks. I of course have no personal experience of the delay which took place before the time when I came out here two years ago. At that time the position of the matter was this.

"The Bill as originally brought in—which, as my hon'ble friend Mr. Crosthwaite has explained, was a very different Bill from the present one—was then before the Council. It was under reference to a Select Committee, who went into it very carefully, and, as I have already explained, towards the end of the time when we were at Simla in 1880, Sir Charles Aitchison spoke to me upon the subject, if I mistake not. At all events, he recorded a note in which he expressed doubts as to the propriety of adopting the Bill in the form in which it then stood. As soon as I was able to resume business at Calcutta after my illness, I looked carefully into the matter. It seemed to me that the views put forward by Sir Charles Aitchison were very just, and I conferred with Mr. Bazett Colvin upon the subject at the commencement of last year. He then said that he should himself have preferred a Bill upon the lines of the present Bill rather than upon those on which it was introduced under Lord Lytton's Government, and I then requested him to draw up the Bill in the form which he thought that it should assume. That Bill involved a very important principle, that of advances upon the part of the Government—a principle which it is impossible to adopt all over the country, because of the enormous cost; and it therefore required to be considered with very great care, in order that we might see whether the circumstances of Jhánsí would justify the adoption of such a measure as clearly exceptional in its character. Well, Mr. Colvin prepared his draft, conferred with Sir George Couper on the subject, sent up the draft here, and it was then very carefully considered by the Financial Department. My hon'ble friend Major Baring very handsomely accepted the principle for this particular case, thinking that there were sufficiently exceptional grounds for doing so. The measure was, therefore, in fact, in a condition in which it might have been passed last session at Calcutta, if it had not been necessary, under the orders of the Secretary of State, to refer it home to him before passing it. He lost no time in considering the matter, and in conveying his sanction to it by a telegram; and it is on that telegram that we are now acting. I mention these facts merely to show that the subject is one of a very difficult character, requiring to be treated with very great care; and that, although there has been more delay than would have been desirable, the matter has not been neglected, and that the delay has not been the result of any carelessness on the part of the Government in regard to it, but may truly be said to have arisen from the intrinsic difficulty of dealing with a question of this kind as we propose to deal with it in this Bill. I think the public should understand that that is the position of the case.

"With regard to the question of the alteration of the revenue system, referred to by my hon'ble friends Mr. Crosthwaite and Mr. Plowden, that is a question which I will not attempt to discuss upon the present occasion. I can only say that it is a matter of great importance, and that it is receiving the careful consideration of the Government."

The Motion was put and agreed to.

The Hon'ble MR. CROSTHWAITE then moved that the Bill, as amended, be passed.

The Motion was put and agreed to.

The Council adjourned to Thursday, the 1st June, 1882.

D. FITZPATRICK,

Secretary to the Government of India,

Legislative Department.

SIMLA;

The 18th May, 1882.

GOVERNMENT OF INDIA.

REVENUE AND AGRICULTURAL DEPARTMENT.

REPORTS ON THE STATE OF THE SEASON AND PROSPECTS OF THE CROPS FOR THE WEEK ENDING THE 23rd MAY 1882.

GENERAL REMARKS.—There has been general rain throughout the Madras Presidency, indicating the approach of the south-west monsoon. Good rain also fell in the Mysore State, in Coorg, in the Southern Mahratta Country, and parts of the Bombay Deccan. In British Burma and in Orissa the rainfall has been lighter than last week. In the Nizam's Territories very little rain fell, and there was none in Berar. In the Central Provinces slight showers occurred in some districts and heavy rain in Sambalpur. In Assam there was some rain in two districts. In Bengal, in Central India and the Rajputaná States, in the North-Western Provinces and Oudh, and in the Punjab, slight showers fell in a few places. Madras and the Punjab are the only provinces in which harvest operations are still going on. In the Punjab the harvest is confined to the northern districts.

General prospects are favourable on the whole throughout the country. In the Madras Presidency standing crops are in fair condition, and agricultural operations are progressing. In the Mysore State standing crops have much improved, and ploughing here and in Coorg is in active progress. Ploughing is also progressing in the Nizam's Territories and Berar and in the Bombay Presidency. In the Central Provinces and the Punjab sowings for the autumn crops have commenced in parts. In the North-Western Provinces and Oudh sugarcane and indigo are on the whole in good condition. In Bengal and Assam ploughing and sowing are in progress generally, but cultivation is reported to have been impeded in Sylhet by heat and drought.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Madras—(May 24th)		
Bellary ...	1·63 (average of 8 stations).	Standing crops good; harvest paddy and sugarcane, yield about average.
Kurnool ...	·79 (average of 8 stations).	Standing sugarcane and indigo crops suffering for want of water; harvest paddy, outturn below average; small-pox in one taluk; cattle-disease in parts.
Ganjam ...	·99 (average of 13 stations).	Standing crops, paddy, cotton, gingelly and sugarcane, thriving; small-pox and fever prevalent; sporadic cholera in parts; cattle-disease exists.
Kistna ...	1·11 (average of 12 stations).	Fever, small-pox, and guinea-worm in parts; cattle-disease continues.
Chingleput (Madras) ...	·70 (average of 2 stations).	Standing crops good where water available, withering elsewhere; harvest wet and dry grains, yield below average; agricultural operations progressing; small-pox and cattle-disease in parts.
Coimbatore ...	2·35 (average of 16 stations).	Standing crops generally good; harvest wet and dry crops, outturn wet above average; small-pox, fever, and cholera in parts.
Tanjore ...	2·32 (average of 12 stations).	Standing crops generally good; harvest dry crops, outturn average; few cases of cholera.
Madura ...	1·66 (average of 10 stations).	Standing crops fair; harvest paddy, yield good; cholera in parts.
Malabar ...	10·93 (average of 14 stations.	First crops seeds wasted away in parts; fever, small-pox, cholera, and cattle-disease in parts.
Travancore ...	4·31	Ploughing and sowing progressing; fever prevalent. *General Remarks.*—General prospects good.
Bombay—(May 24th)		
Kurrachee ...	Slight showers in three talukas.	River at Kotri on 22nd, 8 feet 7 inches against 10 feet 7 inches on corresponding date last year; cattle-disease in one taluka; fever in seven talukas, and small-pox in Kurrachee, Jati and Ghorabari talukas; *rabi* harvesting not quite over; *kharif* operations commenced; wheat, red rice, and *bajri* in Kurrachee 22, 40 and 33, in Dadu 32 and 40, in Tatta 24, 44 and 48, and in Shahbandar 20, 56 and 48 lbs. per rupee, respectively.
Hyderabad ...	·14	River rising; *rabi* outturn on an average 12 annas to the rupee; *kharif* operations general average; slight fever in six talukas; wheat 25, *juari* 44, *bajri* 40, red rice 33, and white rice 22lbs. per rupee.
Ahmedabad ...	.....	Preparations for next season progressing; slight cholera in Viramgaum taluka; wheat 27 and *bajra* 30 lbs. per rupee.
Baroda ...	.....	Weather hot; health good; *bajri* 30 and common rice 23 lbs. per rupee.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Bombay—*contd.*		
Surat ...	.....	Preparation for cultivation continues; *juari* 35 and *nagli* 55 lbs. per rupee.
Násik ...	1·49	Public health good; *bajri* 41½, wheat 31, and *juari* 67 lbs. per rupee; heat intense.
Colaba (Bombay) ...	.....	Temperature normal; vapour in air normal; abnormal wind northerly; distant lightning on 18th.
Poona ...	Slight showers at Poona.	*Bajri* 46 and *juari* 57 lbs. per rupee; in Poona *bajri* 39 and *juari* 47¾ lbs. per rupee.
Ahmednagar ...	Nagar, ·11; Sangamner, ·09; Akola, ·14.	Water-supply in taluka Parner failing; *juari*—maximum 96 lbs. in Jhamkhed, minimum 51 lbs. in Newasa; *bajri*—maximum 66 lbs. in Jhamkhed, minimum 45 in Kopergaon.
Sholapur ...	Sholapur, ·58, total 1·11; Sangola, 2·60; Pandharpur, ·39; Malsiras, ·16; Madha, ·09; Karmala, ·15.	Cattle-disease in Sangola and Malsiras, slight in Sholapur; cholera 6 cases, 1 fatal in Karmala; *juari* 72 lbs. 18 tolas; *bajri* 56 lbs. 10 tolas per rupee.
Dharwar ...	Rain throughout district; heavy in Bankapur; above 5·00 in Mandargi and Hangal; above 4·00 in Kalghatgi; nearly 3·00 in Mugad, Hubli, Navalgund, Gadag, Karajgi, and Ron; above 1·00 in Dharwar, Waragund, Ranibennur and Kod; less than 1·00, maximum, Bankapur 5·13; minimum, Ranibennur ·50.	More rain urgently wanted in Dharwar, Navalgund, Gadag, Karajgi, and Kod; ground being prepared for *kharif* sowings; scarcity of drinking-water still felt in five talukas; cholera in a village of Karajgi taluka, 15 cases, 5 fatal; rice 23 and *juari* 53 lbs. per rupee; locusts seen in Dharwar almost daily.
Kanara ...	Kumpta, ·84; Sirsi, 3·82; Yellapur, ·18; Supa, 1·90; Hallial, ·75.	Harvesting second crop completed; preparing ground for monsoon crop; small-pox and cattle-disease subsiding; common rice in Karwar 14 seers per rupee, in district average the same; weather clear.
Rajkot ...	.....	Weather hot; 20 cholera cases in Navanagar taluka, 10 fatal; it has disappeared from Rajkot and Malia towns but slightly prevails in Jetpur, in other places general health good; *bajri* 24 and *juari* 28 lbs.
		General Remarks.—Preparation of land for *kharif* begun; rain in the Southern Mahratta Country; heavy in some parts of Dharwar, more urgently required in others; rain also in Ahmednagar, Sholapur, and Satara, and slight showers in Kurrachee and Hyderabad; scarcity of drinking-water in five talukas of Dharwar and one of Ahmednagar; cholera in Belgaum, Satara, and parts of Kattywar.
Bengal—(May 23rd)—		
Chittagong ...	*Nil*	Weather hot; rain much wanted; prospects and yield of crops good; cholera very prevalent almost all over district; small-pox continues; prices stationary.
Dacca ...	*Nil*	*Boro* paddy being harvested, yield fourteen annas; prospects of crops good.
24-Pergúnnahs (Calcutta)	*Nil*	Sowing rapidly progressing on low land, high lands being prepared; prospects of crops fair; prices stationary; public health generally good; isolated cases of cholera reported from Barripur, Busseerhaut, and Dum-Dum sub-divisions.
Moorshedabad ...	*Nil*	Prospects of early sown paddy favourable; agricultural operations continue; average prices—rice 23 seers per rupee; cholera prevails mildly in some places.
Rajshahye ...	*Nil*	Prospects fair; more rain wanted; *boro* rice being harvested; cholera abating.
Burdwan ...	*Nil*; Culna, ·45	Prospects fair, but rain wanted; health fair, but cholera reported from Raneegunge sub-division.
Rungpore ...	·40	Weather very hot; prospects of crops favourable; some cholera still reported; prices stationary.
Bhagálpur ...	·01	Prospects of crops good; rice 22¾ seers per rupee.
Purneah ...	*Nil*	Prospects of crops very fair; sowing still going on; health improved; common rice 20 seers per rupee.
Patna ...	*Nil*	Fields being ploughed for paddy; sugarcane promising well; cases of cholera and small-pox reported from Hilsa and Behan thanas, respectively.
Durbhunga ...	*Nil*	Indigo and sugarcane continue promising; prices stationary; cholera continues in town and district without change.
Hazáribágh ...	*Nil*	Weather very hot; ploughing continues; cattle-disease and small-pox reported.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Bengal—*contd.*		
Cuttack ...	1·32	Ploughing in progress; sowing commenced; cholera somewhat abated in interior.
		General Remarks.—More or less rain in some districts; rain still wanted in others, specially in Chittagong and Maldah; prospects of crops good; ploughing and sowing continue; public health generally good; cholera and small-pox continue in some places; cholera bad in Chittagong; cattle-disease still lingers in one or two districts.
N. W. Provinces and Oudh—		
Benares (May 23rd)	*Nil*	Weather hot, with strong winds, which for the last four days have been westerly; no agricultural operations are being carried on, except irrigation of sugarcane; health of men and cattle in the district generally good, but there has been some disease among the commissariat cattle; markets well supplied with foodgrains; prices steady.
Cawnpore („ „)	*Nil*	Extra crops fair; prospects of indigo and sugarcane good up to date; fever continues; prices slightly risen.
Allahabad („ 24th)	*Nil*	Fruit trees of all kinds suffered greatly from the storm of the 7th, mango yield will be very scanty everywhere; in Phulpur melons utterly destroyed; *sawan* and *china* (millets) being cut; cholera decreasing in the interior, 92 cases occurred of which 57 proved fatal, against 115 attacks with 75 deaths in the previous week; city healthy; cattle healthy; prices rising; gram and barley imported from the south.
Gorakhpur („ 23rd)	Some rain on the east of the district.	Weather fine; early rice being planted out; cholera decreasing, sporadic cases only occur now; fever increasing; prices stationary.
Jhánsi ...	.....	No report received.
Agra (May 23rd)	*Nil*	Indigo and sugarcane being irrigated; fever and small-pox continue in city; general health good; prices rising slightly.
Farukhabad („ „)	*Nil*	Hot west wind throughout the week; health good; prices still rising.
Bareilly („ „)	*Nil*	Weather normal; sugarcane and indigo much improved; markets well supplied; prices rising; small-pox prevalent, especially in Bareilly city.
Meerut („ „)	*Nil*	Heat increasing, steady west wind; health of man and cattle good; supplies sufficient; prices stationary.
Kumaun („ „)	Good rain in early part of the week.	Weather hot and seasonable after the rain; small-pox and measles, as well as cattle-disease, still prevalent; prices stationary.
Lucknow („ „)	*Nil*	Weather very warm; wind easterly and westerly; prices of foodgrains stationary; markets well supplied; 6 deaths from cholera reported, 5 in city and 1 in the interior.
Partabgarh („ „)	*Nil*	Prices rising principally in Kunda tahsil; a little cattle-disease reported; sugarcane and *sawan* (millet) being irrigated.
Rae Bareli („ 22nd)	*Nil*	Weather rather more seasonable; hot west wind blowing for the last four days; general health good; prices slightly rising.
Sitapur („ „)	*Nil*	Heat great; winds westerly.
Fyzabad („ „)	*Nil*	No report received.
		General Remarks.—Good rainfall in Kumaun and slight rain in two other districts; weather warm, hot winds set in; prices rising; cholera decreasing in Allahabad, Gorakhpur, and Lucknow; some small-pox in Bareilly, Agra, and Kumaun; cattle-disease continues in Kumaun, a few cases reported from Benares and Partabgarh.
Punjab—(May 23rd)		
Delhi ...	No rain	Preparations for *kharif* commenced; small-pox continues in the city; general health fair; prices fluctuating.
Hissar ...	No rain	Weather stormy; *rabi* harvested; prices stationary; health good.
Umballa ...	No rain	Prices steady; health fair.
Jullundur ...	No rain	Wheat being threshed; prices rising; health good.
Amritsar ...	·30	Wheat being winnowed; health good; prices steady.
Lahore ...	·20	State of crops satisfactory; health good; prices of foodgrains rising.
Ferozepore ...	·40 in district	Crops being harvested; health good; prices steady.
Sialkot ...	·20	Rinderpest increasing in Zaffarwal tahsil; health good; prices stationary.
Rawalpindi ...	2·00	Crops being cut; health good; prices steady.
Mooltan ...	No rain	*Rabi* being harvested; *kharif* being sown; health good; prices stationary.
Dera Ismail Khan ...	No rain	*Rabi* nearly all cut; *kharif* sowings in progress; health good; prices have a downward tendency.
Peshawar ...	No rain	*Rabi* crops being cut; slight fever; prices stationary.
		General Remarks.—Rain has fallen in Amritsar, Ferozepore, Sialkot, and Rawalpindi; general health good; prices generally steady.
Central Provinces—		
Nagpur (May 24th)	Slight rain	Weather cloudy, frequently with duststorms; fields being ploughed for *kharif* sowings; small-pox slightly prevalent; prices rising.
Jubbulpore („ 23rd)	Slight rain	Weather cloudy and hot; *kharif* ploughings continue; cholera and small-pox prevailing.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Central Provinces— *contd.*		
Saugor (May 22nd)	·24	Weather stormy and close; land under preparation for *kharif* sowings; prices rising.
Seoni („ 23rd)	·20	Weather cloudy, with occasional showers; ploughing progressing; cholera, small-pox, and cattle-disease prevalent: prices steady.
Hoshangabad („ „)	.....	Weather hot, cloudy, and stormy; *kharif* ploughings begun; wheat 14 seers per rupee.
Raipur („ 20th)	.....	Weather cloudy, with storms; land being ploughed for *kharif* sowings; few cases of cholera; rice 31 and wheat 38 seers per rupee.
Sambalpur („ 18th)	Heavy rain	Weather stormy; *kharif* preparations going on; cholera abating; rice 54 seers per rupee.
Khandwa („ 23rd)	.....	Weather hot and cloudy, with duststorms; small-pox prevalent; wheat 17 seers per rupee.
		General Remarks.—Weather cloudy and warm, with slight showers; land under preparation for *kharif* sowings; cholera and small-pox still prevalent; prices generally steady.
British Burma—		
Akyab (May 24th) ...	For week *nil*; total 3·73.	One death from small-pox in Akyab town and 3 in district, otherwise public health good; slight cattle-disease in three townships, severe in one township.
Rangoon ...	For week 1·03; total 5·24.	Public health good.
Bassein ...	For week ·52; total 5·50.	One death from cholera in Bassein town, otherwise public health good.
Prome ...	For week ·02; total 2·07.	Two deaths from cholera in Prome town, a few cases in district, otherwise public health good.
Amherst (Moulmein) ...	.....	Public health in Moulmein district good; cattle-disease prevalent in three townships.
Toungoo ...	For week 1·25; total 3·57.	Eight cases of small-pox, of which 4 fatal in township, otherwise public health good.
	.....	*General Remarks.*—A few cases of cholera in Prome, Henzada, Thayetmyo, and Shwegyeen, slight small-pox in Akyab and Toungoo, otherwise public health satisfactory; cattle-disease severe in Naaf township of Akyab district and prevalent in parts of Amherst; light rainfall over the province generally.
Assam—(May 24th)—		
Gauhati ...	*Nil*	Weather very hot; prospects of crops good; cholera still at Gauhati and in northern parts of district.
Sylhet ...	1·26	Cultivation impeded by heat and drought, earlier in the season it was impeded by excessive rain; cultivation this season hardly successful; cholera, small-pox, and cattle-disease still reported; tea doing fairly well.
Cachar ...	*Nil*	Weather intensely warm; ploughing and sowing *dumahi* and *murali* crops continue; 2 cases of cholera reported from sadr station; rain much wanted; common rice 24⅝ seers per rupee.
Dibrugarh ...	1·20	Weather hot; prospects of *aus* paddy good; ploughing for *sali* paddy; cattle-disease still reported; public health good.
Mysore and Coorg— (May 24th)—		
Bangalore ...	2·61	*Vysakh* paddy and sugarcane being harvested; young sugarcane in good condition; public health good; prospects favourable; pasturage and water-supply much improved; prices almost stationary.
Mysore ...	3·75	Standing crops thriving; prospects good; rain abundant in town and district; cholera abating except in Malvali taluk; prices unchanged; prospects favourable.
Mercara ...	2·94	Good falls of rain throughout the province; in north Coorg paddy and *ragi* are being sown, in south Coorg rice fields are being ploughed; small-pox still prevalent.
		General Remarks.—Good rainfall throughout the Mysore State; ploughing operations in active progress; prospects generally good; condition of standing crops improved; prices slightly fallen in some districts.
Berar & Hyderabad— (May 24th)—		
Amráoti ...	.....	Weather hot and cloudy; fields under preparation; prices of wheat 18 and *juari* 36 seers per rupee.
Akola ...	.....	Ploughing operations progressing.
Hyderabad ...	·32	*Tabi* reaping concluded; preparation of ground for *kharif* crops continue; scarcity of water still felt in some talukas; fever prevails in two talukas and cattle-disease in one; prices—wheat 16½, rice 10½ white *juari* 23½, yellow *juari* 27¾, and *tur* 26½ seers per current sicca rupee.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Central India States— (May 24th)—		
Indore ...	.....	Weather seasonable and somewhat cooler; health good; prices of wheat and other grains are rising.
Morar (Gwalior) ...	*Nil*	Weather warm and stormy; health good; wheat 18, gram 22, *bajra* 18, and *juar* 22 seers per rupee.
Sutna ...	.....	No report received.
Rutlam ...	.....	No report received.
Neemuch ...	·56	Cholera has appeared, but is not as yet of a distinctly epidemic type.
Goona ...	·04	Crops fair; health good; small-pox prevailing; wheat 23 seers per rupee.
Bhopal ...	·26	Duststorms from south-west frequent; prospects good; small-pox diminishing.
Agar ...	.....	Weather cloudy and warm; health good.
Nowgong ...	·22	Weather stormy and unsettled; public health good; cholera and small-pox prevalent in places.
Manpur ...	Slight showers on 19th.	Weather hot; harvesting of wheat and ploughing of land for *kharif* continue; wheat 15½, gram 17¾, *juar* 19½, and *macca* 25 seers per rupee.
Rajputana—		
Abu (May 24th)	.....	Weather seasonable; days hotter, nights cooler; occasional cloud.
Sirohi („ 20th)	·02	Tanks and wells fair; health good; high wind prevailing.
Marwar („ 19th)	·13	Plenty of water in tanks and wells; health good; weather cloudy, frequent showers; prices stationary; crops gathered.
Meywar („ 20th)	·38	Tanks and wells good for time of year; health good; crops harvested; some cases of cholera occurred in districts; none at Oodeypore.
Harowti („ „)	Deoli, ·28; Kotah, ·20; Tonk, ·18.	Weather unsettled, with occasional duststorms; some fever in Kotah, otherwise health good; prices risen.
Jhallawar („ 17th)	·10	Small-pox still continues, otherwise health good.
Ajmere („ 23rd)	·12	Weather more settled; general health good.
Jeypore („ „)	·60	Weather cloudy, easterly winds; prices stationary; health good.
Bhurtpore ...	.....	No report received.
Ulwur ...	.....	No report received.
Nepal—(May 18th)		
Katmandu ...	·5	A perceptible increase in temperature during the past week.

E. C. BUCK,
Secy. to the Govt. of India.

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SUPPLEMENT TO

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Nº 22.] CALCUTTA, SATURDAY, JUNE 3, 1882.

OFFICIAL PAPERS.

A SUPPLEMENT *to the* GAZETTE OF INDIA *will be published from time to time, containing such Official Papers and information as the Government of India may deem to be of interest to the Public, and such as may usefully be made known.*

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GOVERNMENT OF INDIA.

DEPARTMENT OF FINANCE AND COMMERCE.

Comparative Statement of the Nett Indian Sea and Land Customs Revenue (excluding Salt Revenue) for the first month of the official year 1882-83, and of the eleven preceding years.

(IN THOUSANDS OF RUPEES.)

YEAR.	FOR THE MONTH OF APRIL.																								YEAR.
	BENGAL.				BOMBAY.				SINDH.				MADRAS.				BRITISH BURMA.				TOTAL BRITISH INDIA.				
	On Imports of Liquors.	On other Imports.	On Exports.	Total Revenue.	On Imports of Liquors.	On other Imports.	On Exports.	Total Revenue.	On Imports of Liquors.	On other Imports.	On Exports.	Total Revenue.	On Imports of Liquors.	On other Imports.	On Exports.	Total Revenue.	On Imports of Liquors.	On other Imports.	On Exports.	Total Revenue.	On Imports of Liquors.	On other Imports.	Total Import Revenue.	Export Revenue.	Total Revenue.	
1871-72	92	5,56	1,70	8,18	89	2,13	49	3,51	10	5	11	26	26	1,02	1,65	2,93	10	40	3,98	4,48	2,27	9,16	11,43	7,93	19,36	1871-72.
1872-73	96	5,33	2,04	8,33	44	3,05	53	4,02	5	8	37	50	32	1,19	1,43	2,94	35	47	4,00	4,82	2,12	10,12	12,24	8,37	20,61	1872-73.
1873-74	85	4,62	1,27	6,74	44	2,46	46	3,36	6	3	12	21	40	92	1,24	2,56	37	46	6,31	7,14	2,12	8,49	10,61	9,40	20,01	1873-74.
1874-75	86	5,04	1,26	7,16	50	1,65	50	2,65	10	3	10	23	26	1,24	98	2,48	38	67	4,69	5,74	2,10	8,63	10,73	7,53	18,26	1874-75.
1875-76	98	7,18	1,58	9,74	66	2,79	1,10	4,55	15	12	32	59	31	1,24	1,22	2,77	39	40	7,12	7,91	2,49	11,73	14,22	11,34	25,56	1875-76.
1876-77	1,06	5,65	63	7,34	55	2,83	17	3,55	10	3	4	17	48	1,03	62	2,13	48	40	4,88	5,76	2,67	9,94	12,61	6,34	18,95	1876-77.
1877-78	1,19	5,61	1,13	7,93	92	4,11	20	5,23	24	8	7	39	57	81	21	1,59	52	51	4,64	5,67	3,44	11,12	14,56	6,25	20,81	1877-78.
1878-79	1,16	6,43	84	8,43	82	4,27	28	5,37	22	5	4	31	57	89	44	1,90	90	65	5,13	6,68	3,67	12,29	15,96	6,73	22,69	1878-79.
1879-80	90	6,13	76	7,79	1,01	3,47	27	4,75	21	4	4	29	40	71	37	1,48	73	48	6,74	7,95	3,25	10,83	14,08	8,18	22,26	1879-80.
1880-81	1,27	4,42	50	6,19	97	4,35	29	5,61	51	7	4	62	49	92	92	2,33	52	62	5,94	7,08	3,76	10,38	14,14	7,69	21,83	1880-81.
1881-82	1,19	4,60	71	6,50	96	3,78	35	5,09	58	9	6	73	39	81	84	2,04	74	73	5,83	7,30	3,86	10,01	13,87	7,79	21,66	1881-82.
1882-83	1,22	*	70	1,92	1,00	—22*	28	1,06	36	1	9	46	39	*	42	81	82	2	7,90	8,74	3,79	—19*	3,60	9,39	12,99	1882-83.

* The amount refunded is greater than the duty collected.

DEPARTMENT OF FINANCE AND COMMERCE,
STATISTICAL BRANCH;
Calcutta, 26th May 1882.

T. C. HOPE,
Secretary to the Government of India.

GOVERNMENT OF INDIA.

DEPARTMENT OF FINANCE AND COMMERCE.

SUPPLEMENT TO THE STATEMENTS OF PRICES CURRENT OF FOOD-GRAINS FOR THE 2nd HALVES OF MARCH AND APRIL 1882, PUBLISHED IN PAGES 646, 647, 798 AND 799 OF THE SUPPLEMENT TO THE "GAZETTE OF INDIA," DATED 29th APRIL AND 27th MAY 1882.

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

PROVINCES.	DISTRICTS.	Wheat.			Barley.			Rice. Best sort.			Rice. Common.			Great Millet (Cholum, Jowar), *Holcus Sorghum.*			Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.*			Lesser Millets, Ragi, &c. (Kavaru, Veragoo, Sawee, Cheena, Coraloo, Murhwa, Nuglee, &c.), *Panicum Miliaceum, Eleusine Coracana,* &c.			Gram.			Firewood.			Salt. Wholesale.			Salt. Retail.		
		Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.
		S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.
	2nd half of March 1882.																																
RAJPOOTANA.	Bánswára (Meywar Agency)	24 6	25 0	37 8	...	...	...	7 8	8 2	7 8	18 12	21 4	18 12	...	...	...	...	...	...	...	...	...	42 8	47 8	60 0	...	...	...	...	...	...	9 6	9 6	7 8
RAJPOOTANA.	Partábgarh („)	18 4	17 13	21 4	...	...	...	9 11	9 0	8 12	14 6	14 6	13 12	...	...	...	...	...	...	...	...	...	30 11	26 9	37 8	...	...	...	...	...	...	8 14½	9 6	8 2
	2nd half of April 1882.																																
MYSORE.	Bangalore	11 15	12 5	11 9	14 5	13 7	12 6	10 0	10 0	9 12	11 11	12 1	12 0	26 11	27 0	24 12	...	...	...	27 0	26 4	33 2	31 3	30 14	40 0	96 0	96 0	90 0	12 12	12 12	10 8	12 4	12 4	10 0*
MYSORE.	Kolar	...	...	...	11 7	11 12	9 4	12 14	12 14	11 0	15 7	15 3	14 15	...	...	...	...	...	...	30 0	30 0	41 4	34 3	35 6	47 14	172 6	172 6	172 6	13 3	13 3	11 5	12 14	12 14	11 1*
MYSORE.	Túmkúr	14 0	14 0	14 0	12 0	12 0	14 0	12 0	12 0	12 8	13 0	13 0	15 8	...	...	...	...	...	...	28 0	28 0	50 0	38 0	38 0	50 0	340 0	340 0	340 0	12 8	12 8	13 8	12 0	12 0	13 0†
MYSORE.	Mysore	12 8	12 8	10 0	...	...	...	10 8	10 12	12 8	11 0	11 8	13 5	...	...	...	...	...	...	20 0	20 0	33 5	28 8	30 0	52 0	84 0	84 0	75 0	9 4	10 0	8 8	9 0	9 12	8 4*
MYSORE.	Hassan	13 8	13 0	13 8	13 0	14 0	14 0	10 0	11 0	13 0	11 0	12 0	13 8	...	...	...	...	...	...	24 0	24 0	40 0	24 0	25 0	40 0	600 0	600 0	600 0	...	...	...	8 0	8 0	8 0*
MYSORE.	Shimoga	14 11	15 4	14 11	15 4	15 12	16 13	10 8	10 8	14 11	12 10	14 3	16 13	27 5	33 10	50 6	...	...	...	28 6	32 9	55 10	27 5	29 6	48 5	480 0	480 0	480 0	10 0	10 0	...	9 7	9 7	8 15*
MYSORE.	Kadur	16 0	16 0	13 0	15 0	15 0	...	12 0	12 0	18 0	15 0	15 0	19 0	...	...	...	...	...	...	22 0	22 0	42 0	22 0	22 0	32 0	64 0	64 0	60 0	...	...	...	8 0	8 0	9 0*
MYSORE.	Chitaldroog	16 0	16 0	16 0	20 0	20 0	20 0	11 0	11 0	12 0	12 0	12 0	13 0	36 0	40 0	64 0	31 0	32 0	48 0	37 0	42 0	57 11	30 0	30 0	48 0	100 0	100 0	100 0	12 0	12 0	16 0	12 0	12 0	16 0†
RAJPOOTANA.	Sirohee	20 0	20 0	19 0	27 0	27 0	34 0	7 0	7 4	6 0	8 8	8 8	7 0	18 0	20 0	18 0	22 0	23 0	22 6	...	...	...	24 0	20 0	20 0	160 0	160 0	120 0	R.A.P. 3 5	R.A.P. per md. 4 3	R.A.P. 5 4	...	11 7	11 7
CENTRAL INDIA.	Indore	17 12	17 14	21 14	...	...	...	8 9	8 9	8 0	10 0	10 0	8 9	22 14	25 4	40 0	20 13	25 4	30 0	...	...	...	20 0	22 14	28 3	100 0	100 0	100 0	S. C. 11 0	S. C. 9 3	S. C. ...	9 0	8 14	6 5
CENTRAL INDIA.	Gwalior	..	...	18 2	22 7	20 9	20 9	7 7	7 9	6 12	9 10	9 15	9 12	22 7	22 13	23 12	17 13	18 4	16 7	...	...	...	21 0	21 4	20 8	109 8	109 8	127 12	...	...	...	11 7	11 9	9 10
CENTRAL INDIA.	Gooma	26 0	26 0	26 0	20 0	20 0	22 0	10 0	9 8	9 6	10 8	10 8	10 0	33 0	33 0	37 0	20 0	20 0	16 0	...	...	...	32 0	33 0	34 0	200 0	200 0	200 0	12 0	12 0	0 ...	11 8	11 8	10 0
CENTRAL INDIA.	Baghelkhand (Sutna)	23 0	22 8	19 10	35 5	36 10	32 0	7 0	7 0	7 0	23 0	20 12	19 12	40 0	36 10	32 0	25 12	24 0	24 0	...	...	...	32 0	32 0	26 0	160 0	160 0	160 0	12 8	12 7	...	10 12	11 10	10 8

* Sea Salt. † Earth Salt.

T. C. HOPE,
Secretary to the Government of India.

GOVERNMENT OF INDIA.

REVENUE AND AGRICULTURAL DEPARTMENT.

REPORTS ON THE STATE OF THE SEASON AND PROSPECTS OF THE CROPS FOR THE WEEK ENDING THE 30th MAY 1882.

GENERAL REMARKS.—There has again been rain throughout the Madras Presidency, but in parts not sufficient as yet for the requirements of the crops. More or less rain has also fallen in the Mysore State and in Coorg; also in the Southern Mahratta Country and other parts of the Bombay Presidency. In Berar, in the Nizam's Territories, and in the Punjab there has been no rain; while slight showers have occurred in two districts of the Central Provinces, in three districts of the North-Western Provinces and Oudh, and in a few States of Central India and Rajputana. In Assam and British Burma good rain has again fallen; and in Bengal more or less heavy showers have been reported from most districts.

General prospects in the Madras Presidency, in the Mysore State and in Coorg are favourable; sugarcane and paddy are being harvested in parts, and ploughing and sowing are progressing. Preparations for the *kharif* sowings are also in progress in the Nizam's Territories, in Berar, in the Bombay Presidency, and in the Central Provinces; and, excepting parts of three districts of Bombay and some parts in the Nizam's Territories where scarcity of water is felt, prospects in these Provinces are good on the whole. In the Punjab the *rabi* harvest still goes on in the northern districts, while in parts the autumn crops are being sown. In the North-Western Provinces and Oudh agricultural operations are, as is usual at this period, almost at a standstill, pending the arrival of the rains. Sugar and indigo, the main crops on the ground, are being irrigated, and are doing well. In Bengal the rainfall of the week has been beneficial for agriculture; ploughing and sowing are progressing favourably, and standing crops are thriving. In Assam also agricultural operations are in active progress, notably in Sylhet, where heavy rain has fallen. In British Burma ploughing in some places has begun.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Madras—(May 31st)		
Bellary ...	1·06 (average of seven stations).	Standing crops good; harvest paddy and sugarcane, yield paddy below average, sugarcane average; fever and small-pox in parts.
Kurnool ...	·26 (average of five stations).	Standing sugarcane and indigo suffering from want of water; small-pox and cattle-disease in parts.
Ganjam ...	·78 (average of eight stations).	Standing wet and dry crops thriving; fever and small-pox prevalent; cholera in parts; cattle-disease exists.
Kistna ...	·65 (average of four stations).	Fever, small-pox, and guinea-worm in parts; cattle-disease continues.
Chingleput (Madras) ...	·63 (average of two stations).	Standing crops good where water available, withering elsewhere; harvest wet and dry grains, outturn below average; agricultural operations progressing; small-pox in parts.
Coimbatore ...	1·71 (average of fifteen stations).	Standing crops generally good; harvest wet and dry crops, outturn wet, below average, dry, average; cholera, small-pox, and fever in parts.
Tanjore ...	1·02 (average of eleven stations).	Standing crops generally good; harvest cotton, gingelly and chillies, yield average.
Madura ...	·47 (average of five stations).	Standing crops fair; cholera in parts.
Malabar ...	1·59 (average of thirteen stations).	Sowing first crop progressing; small-pox, fever, cholera, and cattle-disease in parts.
Travancore ...	·27	Ploughing and sowing progressing; fever prevalent.
		General Remarks.—General prospects good.
Bombay—(May 31st)		
Kurrachee ...	Slight showers in four talukas.	River at Kotri on 29th, 8 feet 4 inches against 12 feet 2 inches on same date last year; fever in eight talukas; small-pox in Kurrachee, Tatta, and Ghorabari talukas, 4 cases fatal in Tatta and Ghorabari; *rabi* harvesting not quite over; *kharif* operations commenced; wheat, red rice, and *bajri* in Kurrachee 22, 36 and 34, in Sehwan 30, 56 and 48, in Sakro 16, 32 and 44, and in Jati 18, 52 and 44 lbs. per rupee, respectively.
Hyderabad ...	.....	River fallen a little; *kharif* operations commenced throughout the district; hot winds, with much dust; slight fever continues in five talukas; wheat 25, *juari* 45, *bajri* 40, red rice 33, and white rice 22 lbs. per rupee.
Ahmedabad ...	.....	Preparations for season continue; cholera—in Viramgaum 74 cases, 25 deaths, total 133 cases, 59 deaths; wheat 27 and *bajri* 29 lbs. per rupee.
Baroda ...	.....	Land being prepared for rainy season; health good; *bajri* 30 and common rice 23 lbs. per rupee.
Surat ...	.....	Preparation for cultivation continues; *juari* 36 and *nagli* 50 lbs. per rupee.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Bombay—*contd.*		
Násik ...	No rain	Great scarcity of water in Yeola and other places; *bajri* 36 and wheat 28½ lbs. per rupee.
Colaba (Bombay) ...	.....	Temperature normal; vapour in air normal; abnormal wind northerly and strong on 28th; distant lightning on 29th and 30th instant.
Poona ...	·70	Thunderstorm on 28th and 29th; slight cattle-disease in taluka Khed; *bajri* 44 and *juari* 56 lbs. per rupee, in Poona *bajri* 37 and *juari* 45 lbs. per rupee.
Ahmednagar ...	Nagar, ·03	Water-supply in taluka Parner failing; *juari*—maximum 96 lbs. in Jhamkhed, minimum 54 in Kopergaon; *bajri*—maximum 66 lbs. in Jhamkhed, minimum 45 in Kopergaon.
Sholapur ...	Sholapur, ·15; total 1·26; Karmala, 12; Pandharpur, ·33; Sangola, ·08; Malsiras, ·11	Cattle-disease slight in Malsiras, Sangola, Madha, and Sholapur; cholera—6 cases, 1 fatal in Karmala; *juari* 72 lbs. 2 tolas, *bajri* 55 lbs. 33 tolas.
Dharwar ...	Rain throughout district—above 3·00 at head-quarters; above 2·00 in Gadag and Kod; above 1·00 in Navalgund and Kalghatgi; elsewhere less than 1·00: maximum Dharwar, 3·22; minimum Mugad, ·07.	More rain wanted in Mugad and Gadag; preparation of ground for *kharif* sowing going on vigorously; scarcity of drinking-water only in Mugad and Gadag; cholera decreasing, 2 cases fatal, 10 of last week recovered; rice 22 and *juari* 54 lbs. per rupee.
Kanara ...	Karwar, 1·10; Kumpta, ·74; Londore, 1·85; Sirsi, 2·90; Hallial, ·71.	Preparing ground for monsoon crop; cattle-disease and small-pox subsiding; fever in two talukas; common rice in Karwar 14 seers, in district average 14¾ seers per rupee; weather cloudy and hot.
Rajkot ...	.....	Weather getting hotter; cholera in Navanagar, Dhrol, Virpur, and Jetpur talukas; *bajri* 25 and *juari* 35 lbs. per rupee. *General Remarks.*—*Kharif* preparations in progress; good rain in Southern Mahratta Country and Satara, slight in Kurrachee, Poona, and Sholapur; scarcity of drinking-water in two talukas of Dharwar, one of Ahmednagar, and also in parts of Násik; slight fever, cattle-disease, and small-pox continue in some places; cholera in Ahmedabad, Sholapur, Satara, Belgaum, Dharwar, and parts of Kattywar.
Bengal—(May 30th)—		
Chittagong ...	3·90; heavy showers on the 29th.	Weather seasonable; transplanting of autumn rice going on; prospects of crops good; prices steady; cholera and small-pox not yet abated.
Dacca ...	5·42	Yield of spring rice about fourteen annas; prospects of autumn and winter rice and jute good.
24-Pergunnahs (Calcutta)	2·67	Ploughing continues; sowing of early rice going on; rain wanted in Basirhat sub-division; prices of common rice stationary; public health generally good; cholera still exists in parts of Barripur sub-division.
Moorshedabad ...	2·24	Prospects of crops favourable; rain has done much good; harvesting of *boro* rice commenced; sporadic cases of cholera in Lalbagh; public health otherwise good.
Rajshahye ...	0·82	Prospects fair; more rain wanted; prices stationary; cholera and fever decreasing.
Burdwan ...	1·25	Prospects of crops favourable; cases of cholera reported from various parts of the district.
Rungpore ...	1·84	Prospects of crops favourable; prices of food-grains stationary; public health good.
Bhagálpur ...	1·39	Ploughing going on; more rain wanted.
Purneah ...	*Nil*	Prospects of crops very good; sowing still going on; health improving.
Patna ...	*Nil*	Rice and autumn crops sowing going on; sugarcane promising well; cholera and small-pox still prevailing in Behar sub-division.
Durbhunga ...	0·16	Weather cloudy and cool; cultivation going on well; indigo good; prices stationary; cholera abating.
Hazáribágh ...	0·10	Weather very hot; fields being prepared everywhere, but more rain much wanted; some small-pox about; general health good; cattle-disease still reported.
Cuttack ...	0·12	Ploughing and sowing in progress; cholera decreasing. *General Remarks.*—Rain fell in most of the districts during the week, which is beneficial for agricultural purposes; ploughing and sowing proceeding favourably, and standing crops are doing well; more rain however wanted in some districts; harvesting of spring rice continues; with good average outturn; cholera much abated; small-pox exists in places in Behar, Chota Nagpore, and Chittagong; cattle-disease reported in some places.
N. W. Provinces and Oudh—		
Benares (May 30th)	No rain, except a sprinkle which succeeded a strong dust-storm on the evening of the 20th.	No agricultural operations going on, save irrigation of sugarcane; health of men and cattle generally good; one or two isolated cases of cholera reported in the city; the markets well supplied with food-grains; prices steady.
Cawnpore („ „)	*Nil*	Outturn of extra crops fair; prospects of indigo and sugarcane continue good; fever prevalent; prices stationary.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
N. W. Provinces and Oudh—*contd.*		
Allahabad (May 31st)	*Nil*	Weather very hot, east wind and cloud; cholera increasing in district chiefly north of Ganges; water in wells and tanks very low in many places; prices rising; wheat and gram exported to east; barley and gram imported from south.
Gorakhpur („ 30th)	*Nil*	Weather hot and fine, east wind; sporadic cholera and small-pox still continue; early rice being planted; prices stationary.
Jhánsi („ „)	Slight showers of rain	Weather hot, with passing clouds; manuring of fields continues; markets well supplied; prices rising; small-pox amongst children decreasing; cattle-disease continues, but in a mild form.
Agra („ „)	*Nil*	Sugarcane and indigo irrigation continues; fever and small-pox in city and three other parganas; general health good; prices almost stationary.
Farukhabad („ „)	*Nil*	Wind chiefly east; health of people good; prices still rising.
Bareilly („ „)	*Nil*	High east wind and dust-storms, without rain.
Meerut („ „)	*Nil*	Heat excessive; wind variable; occasional small dust-storms; health of men and cattle good; supplies still scanty, except in Meerut town, where large imports received from Punjab; prices stationary or rising slightly.
Kumaun („ „)	.....	Heavy storm nearly daily; some sickness, small-pox and measles, prevails; crops nearly harvested; *kharif* preparations going on; cattle-disease reported in three *pattis*; prices stationary.
Lucknow („ „)	*Nil*	Weather very hot; prices rising; mango crop scanty; irrigation of sugarcane going on; a few cases of cholera reported.
Partabgarh („ „)	*Nil*	Prices still continue to rise; sugarcane and *sawan* being irrigated, one crop of the latter has been cut; cholera still continues.
Rae Bareli („ 29th)	*Nil*	Weather seasonable; heat intense; wind shifting easterly from last Friday; cholera in three tahsils; prices stationary.
Sitapur („ 30th)	*Nil*	Great heat and storm yesterday, now cooler.
Fyzabad („ „)	Slight rain yesterday, with high easterly wind and dust.	*General Remarks.*—Slight rain in two districts; heat intense; wind variable, but chiefly easterly, with occasional storms; prices rising slightly; cholera is reported from Benares, Gorakhpur, Lucknow, Rae Bareli, and Partabgarh, and is increasing in Allahabad, chiefly north of the Ganges; some small-pox in five districts; cattle-disease in Kumaun, Moradabad, and Jhánsi.
Punjab—(May 30th)		
Delhi ...	No rain	Health fair; small-pox continues in city; prices stationary.
Hissar ...	No rain	Weather seasonable; health good; prices stationary.
Umballa ...	No rain	Health fair; prices steady.
Jullundur ...	No rain	Wheat being winnowed; health good; prices falling.
Amritsar ...	No rain	Grain nearly housed; health good; prices rising.
Lahore ...	No rain	Heat intense; health good; prices stationary.
Ferozepore ...	No rain	Crops being gathered; health good; prices steady.
Sialkot ...	No rain	Rinderpest decreasing; health good; prices steady.
Rawalpindi ...	No rain	Crops cut; prices falling.
Mooltan ...	No rain	Crops being garnered; *kharif* sowings still in progress; health good; prices steady.
Dera Ismail Khan ...	No rain	*Kharif* sowings in progress; health good; prices stationary.
Peshawar ...	No rain reported	Prices show a downward tendency. *General Remarks.*—No rain has fallen throughout the province during the last week; health good; prices of food-grains generally steady.
Central Provinces—		
Nagpur (May 31st)	.....	Weather cloudy and windy; *kharif* ploughing continues; prices easy.
Jubbulpore („ 30th)	.....	Weather hot and clear; *kharif* ploughings continue; cholera and small-pox prevalent; wheat 19 and rice 12 seers per rupee.
Saugor („ 29th)	·06	Weather cloudy and hot; land for *kharif* being prepared; prices rising.
Seoni („ 30th)	·03	Weather hot and cloudy; cholera, small-pox, and cattle-disease prevalent; prices have risen.
Khandwa („ 31st)	.....	Weather hot and windy; *kharif* ploughing continues; small-pox prevalent; wheat 14, *juari* 22½, and rice 11½ seers per rupee; prices rising.
Hoshangabad („ 30th)	.....	Weather hot and cloudy; ploughing continues; small-pox prevalent; wheat 14, rice 9, and *juari* 21 seers per rupee.
Raipur („ 27th)	.....	Weather cloudy and hot; *kharif* sowings commenced; cholera abating; rice 35 and wheat 30 seers per rupee.
Sambalpur („ 25th)	.....	Weather sultry; *kharif* lands under preparation; public health good; rice 49 seers per rupee. *General Remarks.*—Weather hot and cloudy, with occasional high winds; *kharif* ploughings continue; cholera, small-pox, and cattle-disease prevalent; prices on the whole easy.
British Burma—(May 27th)		
Akyab ...	9·35	Total rainfall 13·08; one death from cholera in Akyab town and two from small-pox in district; cattle-disease in five townships, severe in one.
Rangoon ...	4·22	Total rainfall 9·46; public health good.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
British Burma—*contd.*		
Bassein ...	4·07	Total rainfall 9·57; public health good; ploughing commenced in some *kwins*.
Prome ...	2·57	Total rainfall 4·64; a few cases of cholera in district, otherwise public health good.
Amherst (Moulmein) ...	.....	Five deaths from cholera in one township, otherwise public health in Moulmein and district good; cattle-disease still prevalent in one township.
Toungoo ...	6·50	Total rainfall 10·07; 11 cases of small-pox, of which 6 fatal in Toungoo town; slight cattle-disease in one township. *General Remarks.*—Some small-pox still in Toungoo; only a few cases of cholera here and there; public health generally satisfactory; cattle-disease prevalent in Akyab; rain general; ploughing already begun in some places.
Assam—(May 31st)		
Gauhati ...	4·62	Cholera still in places, but has almost left Gauhati and Barpeta; *aus* rice doing well.
Sylhet ...	8·88	Rain has given an impetus to *amun* and *aus* cultivation; cholera, small-pox, and cattle-disease still reported; tea doing well.
Cachar ...	8·89	Weather very wet; ploughing and sowing of *dumahi, murali,* and *asra* continue; common rice 21 $\frac{5}{10}$ seers per rupee; 4 cases of cholera from Sadr and 10 from Lakhimpur reported.
Dibrugarh ...	1·69	Weather showery; prospects of *aus* paddy good; ploughing for *sali* paddy; cattle-disease still reported; public health good.
Mysore and Coorg—(May 31st)		
Bangalore ...	.....	Young sugarcane crops in good condition; harvesting of *vysakh* paddy and sugarcane continues; *haraka*, gingelly, and lamp-oil seeds being sown; prospects favourable; prices unchanged.
Mysore ...	3·49	Standing crops in good condition; *kar, ragi, cholum,* &c., being sown; prospects good; prices stationary.
Mercara ...	1·65	Sowing of *ragi* and paddy proceeding in the Nanjarajpatna and Yelusavishime taluks; recent showers have caused a late blossom on the coffee estates on Sampaji ghât; small-pox still prevalent. *General Remarks.*—Rain has fallen more or less throughout the Mysore State; crops are in good condition; pasturage is improving; ploughing operations are in active progress; prices are favourable; cholera abating in Mysore town; a few sporadic cases in the Hassan district.
Berar & Hyderabad—(May 31st)		
Amráoti ...	.....	Weather hot; ploughing operations continue; wheat 18 and *juari* 36 seers per rupee.
Akola ...	.....	Land being prepared for *kharif* sowings.
Hyderabad ...	.....	*Tabi* reapings concluded; ground being prepared for coming *kharif* crops; scarcity of water and fodder for cattle is felt in some places; fever and cattle-disease prevail in places; prices—wheat 16, common rice 10¼, white *juari* 21½, yellow *juari* 26½, and *tur* 26¼ seers per current sicca rupee.
Central India States—(May 31st)		
Indore ...	·67	Weather clear; no immediate signs of the monsoon; prices steady; health good.
Morar (Gwalior) ...	No rain	Heat intense; health good.
Sutna ...	·01	Health good.
Neemuch ...	.....	Cholera still continues, but the outbreak is not a severe one; hot winds; prices rising.
Goona ...	.....	Health and prospects good; wheat 21 seers per rupee.
Bhopal ...	.....	Weather hot; small-pox diminishing.
Agar ...	Slight showers	Health good.
Nowgong ...	.....	Weather hot and sultry, with dust-storms; health good; small-pox prevalent; prices stationary.
Manpur ...	Slight rain on 26th	Weather cloudy and hot; prices of wheat 15, gram 17¼, *juar* 19¾, and *makka* 22½ seers per rupee.
Rajputana—		
Abu (May 31st)	.....	Weather rather warm; high winds; slightly foggy mornings.
Sirohi („ 28th)	.....	Tanks and wells fair; health good; high winds.
Marwar („ 26th)	.....	Plenty of water in tanks and wells; health good; weather clear; intense heat; winds sharp; clouds disappeared; prices fluctuating, with tendency to rise.
Meywar („ 27th)	.....	Tanks and wells fair; health good; ploughing commenced; clouds and high winds.
Harowti („ „)	Deoli, 0·7; Kotah, 0·4; Tonk, 0·16; Shahpura, ·35	Dust and thunder storms daily, with showers and hail; winds variable; heat great.
Jhallawar („ 24th)	.....	Small-pox still continues; weather cloudy and sultry.
Ajmere („ 30th)	.....	Weather seasonable; some cases of small-pox in Todgarh; hot winds blowing.
Jeypore („ „)	.....	Weather seasonable; prices stationary; health good.
Bhurtpore ...	.....	No report received.
Ulwur (May 31st)	.....	Health good; high hot winds; wells low.
Nepal—(May 25th)		
Katmandu ...	No rain	Weather much hotter; rain impending.

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GOVERNMENT OF INDIA.

DEPARTMENT OF FINANCE AND COMMERCE.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT INDIA FOR THE 1st HALF OF MAY 1882.

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

Districts.	Wheat.			Barley.			Rice (best sort).			Rice (common).			Great Millet (Cholum, Jowar), *Holcus Sorghum.*			Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.*			Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Coraloo, Murrwa, Naglee), *Panicum Miliaceum, &c.*			Grain.			Firewood.			Salt. Wholesale.			Salt. Retail.			Districts.
	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	
	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	
Ganjam	14 11	11 13	14 11	...	...	...	17 13	17 13	17 13	19 10	19 10	19 8	...	...	...	...	...	...	35 3	35 3	32 3	26 10	26 10	46 10	215 13	215 13	215 13	...	...	...	13 13	13 13	11 6	Ganjam
Vizagapatnam	5 0	...	16 0	...	...	...	9 0	9 0	13 6	11 5	11 5	15 13	23 3	23 3	25 6	23 13	23 13	27 3	26 5	26 5	28 5	25 11	28 2	37 6	93 5	93 5	87 8	15 3	14 10	11 11	14 0	14 0	10 8	Vizagapatam
Godavery	9 14	12 10	12 10	...	...	...	15 13	15 13	...	18 0	18 0*	19 0	28 13	30 11	...	...	...	...	36 6	36 6	37 5	28 5	29 6	46 3	194 6	194 6	160 6	14 10	14 10	12 8	14 10	14 10	12 8	Godavery
Kistna	14 3	16 3	15 11	...	...	...	16 11	18 5	17 5	17 14	19 0	18 8	18 3	18 11	29 10	...	...	...	34 8	35 5	39 3	26 8	27 6	30 13	145 13	145 13	145 13	15 6	15 6	13 2	15 3	15 3	12 13	Kistna
Nellore	14 6	12 10	12 10	...	...	...	15 13	15 13	14 10	...	...	16 0	38 6	38 6	26 14	...	...	...	36 6	36 6	29 2	28 5	25 3	26 3	93 5	93 5	93 5	14 13	14 13	13 3	14 13	14 13	12 11	Nellore
Cuddapah	16 3	16 3	14 5	...	...	...	12 0	12 0	11 2	13 11	13 11	12 8	30 13	30 13	30 0	31 14	31 14	31 14	30 0	30 0	36 14	37 8	40 5	40 5	194 6	194 6	194 6	14 6	14 6	14 6	14 5	13 2	11 14	Cuddapah
Anantapur	14 6	14 6	11 8	...	...	...	15 0	15 0	13 14	16 3	16 3	15 2	33 0	33 0	39 2	18 13	18 13	18 13	31 0	29 2	42 11	26 14	29 11	38 2	...	...	...	14 10	14 10	13 6	14 5	14 5	13 2	Anantapur
Bellary	17 5	17 5	18 11	...	...	...	12 5	12 5	12 13	13 8	13 8	14 0	33 0	33 0	41 3	26 5	25 5	37 10	97 3	97 3	97 3	30 0	30 0	31 8	194 6	163 5	203 10	14 6	14 13	12 8	14 0	14 6	12 2	Bellary
Kurnool	14 10	14 10	12 11	...	...	...	11 0	11 6	11 0	11 13	11 6	11 6	32 3	32 3	35 10	28 11	30 0	33 11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Kurnool
Madras	10 13	10 13	9 2	...	...	...	14 10	14 10	13 11	16 3	16 3	14 14	24 8	24 8	21 10	26 6	26 6	22 13	28 13	27 6	26 11	25 0	25 5	30 6	92 5	92 5	77 13	16 5	16 5	14 5	15 14	15 14	13 14	Madras
Chingleput	...	...	...	...	...	...	16 8	16 8	15 0	17 0	17 0	15 13	...	...	...	...	...	...	34 3	35 14	32 8	31 8	33 8	36 6	140 0	140 0	140 0	14 5	14 5	12 11	14 5	14 5	12 5	Chingleput
North Arcot	11 6	11 6	11 0	...	...	...	15 14	16 5	17 3	17 5	18 13	17 14	34 10	...	22 11	31 5	26 6	31 5	30 8	30 3	29 6	35 11	35 11	30 3	201 11	201 11	201 11	19 5	19 5	15 5	18 14	18 14	14 13	North Arcot
South Arcot	9 6	9 6	9 6	...	...	...	17 0	16 8	15 11	18 6	18 13	16 10	33 10	33 10	25 3	29 5	29 5	26 5	39 5	39 5	34 11	33 3	35 0	31 8	194 6	194 6	194 6	15 10	15 10	13 2	15 3	15 3	13 2	South do.
Tanjore	10 5	10 5	11 0	...	...	...	17 13	19 14	17 6	...	...	...	38 3	38 3	...	34 3	31 14	32 5	34 2	34 2	30 2	38 8	37 0	33 14	97 3	97 3	97 3	17 0	17 0	12 14	16 3	16 3	12 2	Tanjore
Trichinopoly	9 14	9 14	11 3	...	...	...	16 10	16 10	16 10	17 0	17 6	17 0	...	...	...	29 3	30 8	26 11	28 11	28 11	34 2	34 2	42 11	42 11	35 10	140 14	145 13	145 13	16 2	15 10	13 8	15 14	15 6	13 2	Trichinopoly
Madura	13 5	12 8	12 14	...	...	...	15 8	15 8	15 2	17 5	16 8	16 10	25 14	29 3	27 8	29 6	32 5	29 6	...	...	...	29 6	29 6	27 2	81 10	81 10	76 13	18 11	18 11	14 13	18 5	18 5	14 5	Madura
Tinnevelly	9 3	9 3	8 14	...	...	...	15 14	15 14	13 14	16 13	16 13	14 6	...	...	...	...	...	...	29 8	31 3	34 6	36 2	34 3	47 8	131 3	131 3	131 3	15 2	14 2	12 3	14 10	13 10	11 11	Tinnevelly
Coimbatore	14 13	14 13	14 13	...	...	...	15 5	14 13	14 6	15 13	15 13	16 5	26 2	26 2	27 13	35 0	35 0	35 0	20 3	20 14	20 3	21 10	20 11	26 10	121 8	121 8	121 8	11 0	...	9 3	11 0	11 0	9 3	Coimbatore
Nilgiris	9 14	10 10	9 14	...	...	...	9 10	9 10	12 0	12 0	12 0	12 18	18 8	20 0	18 8	19 10	21 0	17 8	31 10	32 8	29 2	39 6	37 6	39 6	151 10	151 10	151 10	15 6	15 6	14 5	14 5	14 5	13 5	Nilgiris
Salem	13 10	11 14	12 13	...	...	...	15 8	15 8	13 2	16 0	16 14	16 8	29 2	29 2	25 8	22 14	22 14	22 14	19 6	19 6	20 3	21 3	20 3	23 3	116 10	116 10	109 5	15 3	15 3	14 3	14 3	14 3	13 2	Salem
South Canara	10 5	9 14	10 5	...	...	...	10 11	10 11	8 11	14 11	15 11	14 11	...	...	...	...	...	...	23 6	23 6	24 13	26 14	26 14	31 0	121 8	121 8	121 8	14 6	14 6	10 13	13 14	13 8	9 14	South Canara
Malabar	9 0	9 6	9 6	...	...	...	15 6	15 13	14 18	16 8	16 10	15 6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Malabar
Bombay	10 4	10 15	11 14	18 0	17 7	16 14	7 12	7 7	7 4	12 10	13 5	10 7	18 4	18 4	21 4	17 8	18 0	19 8	24 3	24 8	13 0	16 14	17 13	18 12	61 7	61 7	61 6	14 5	14 5	18 9	14 5	14 5	12 9	Bombay
Ahmedabad	13 0	13 4	16 0	21 0	20 0	32 0	5 8	6 8	8 0	8 0	8 0	13 4	19 0	18 8	28 0	15 8	15 0	25 8	...	...	...	22 8	23 0	24 0	80 0	80 0	80 0	16 8	16 8	13 8	16 0	16 0	13 4	Ahmedabad
Kaira	11 7	12 12	14 14	20 0	21 5	32 0	9 2	9 2	8 14	14 9	15 4	13 5	20 0	20 0	29 1	14 0	14 9	20 0	...	...	...	...	...	...	...	...	...	...	...	...	16 0	16 0	12 13	Kaira
Surat	13 6	13 6	13 10	5 6	6 3	7 7	7 7	7 7	7 7	6 13	8 5	8 5	8 5	8 5	15 9	15 9	18 13	11 13	11 13	13 17	18	...	...	...	80 0	80 0	80 0	13 10	14 9	11 7	13 10	14 9	11 7	Surat
Broach	12 5	12 5	16 0	...	...	...	10 10½	10 10½	8 14½	12 13	12 13	11 6½	15 4	15 4	17 12½	15 4	15 4	18 12	...	...	...	15 4	15 4	20 0	106 0	106 0	106 0	15 4	15 4	13 12½	15 4	15 4	12 12½	Broach
Tanna (Salsette)	10 5	10 5	11 11	...	...	...	10 0	9 0	6 14	11 4	11 4	11 4	18 10	18 10	15 0	16 6	16 6	18 0	28 0	25 11	15 4	14 1	14 5	15 10	71 1	71 1	71 1	14 5	14 5	10 2	13 4	13 4	10 2	Tanna (Salsette)
Colába (Alibág)	10 0	10 0	10 4	...	...	...	7 8	7 8	7 12	16 0	17 0	12 8	...	...	...	...	...	14 0	...	...	...	14 0	14 0	14 0	120 0	120 0	110 0	15 0	15 0	12 8	14 0	14 0	12 0	Colába (Alibág)
Khandesh (Dhulia)	16 5	16 12½	20 5	...	...	...	7 4	7 4	7 4	10 15	10 15	12 12	25 8	25 8	28 14	21 9½	20 11	25 8	...	...	...	17 15½	17 8	28 12	140 0	140 0	140 0	15 2	15 2	13 2	15 0	15 0	13 0	Khandesh (Dhulia)
Násik	15 8	15 8	17 0	...	...	...	7 7	7 7	5 15	12 0	12 0	11 15	...	...	25 8	21 3	21 3	20 3	30 0	30 0	27 0	19 8	19 8	24 8	128 0	128 0	115 0	14 6	14 6	12 14	14 2	14 2	12 12	Násik
Ahmednagar	14 10	14 6	17 7	...	...	...	9 11	9 11	8 7	13 9	15 0	10 8	27 6	27 13	36 8	23 1	23 11	26 14	...	...	...	20 11	21 11	27 0	91 5	91 5	106 4	15 0	14 7	12 10½	14 14½	14 5	12 9	Ahmednagar
Poona	13 13	13 13	13 13	...	...	...	11 0	11 0	9 13	12 4	12 4	12 4	23 15	23 15	26 2	19 11	19 11	20 11	...	...	...	18 6	18 6	20 11	76 0	76 0	76 0	14 11	14 11	12 8	14 7	14 7	12 4	Poona
Sholápur	15 3	15 6	18 0	...	...	...	10 15	10 7	12 6	11 5	11 5	13 3	32 5	33 10	36 10	26 3	27 9	31 4	...	...	...	23 12	25 9	31 7	98 0	98 0	91 6	13 12	13 12	11 8	13 8	13 8	11 4	Sholápur
Kaládgi (Bagalkot)	21 0	22 0	21 0	15 0	15 0	15 0	7 0	6 8	9 0	9 8	9 8	10 0	33 0	34 0	38 0	31 0	31 0	38 0	...	...	...	16 0	16 0	21 0	110 0	100 0	112 0	12 0	12 9	11 0	11 0	12 0	10 0	Kaládgi (Bagalkot)
Satara	12 1	12 1	14 11	...	...	...	9 11	9 11	9 5	11 7	11 7	11 7	25 5	28 0	26 10	22 0	23 4	24 9	...	...	...	15 10	16 14	16 14	137 1	137 1	137 15	13 13	13 9	12 12	13 2	13 2	11 10	Satara
Belgaum	19 0	19 0	18 0	11 8	11 8	11 0	10 8	10 8	11 8	11 8	11 0	12 0	25 9	28 0	27 8	25 5	26 0	31 5	35 0	35 0	35 0	16 8	16 8	19 0	80 0	70 0	...	13 0	13 0	12 8	12 8	12 8	12 0	Belgaum
Dharwar (Hubli)	21 0	23 0	24 0	...	...	...	10 0	11 0	14 0	12 0	12 0	17 0	23 0	26 1	43 0	23 0	25 0	42 0	28 0	28 0	49 0	14 0	14 0	21 0	80 0	80 0	80 0	8 12	9 8	8 12	8 8	9 0	8 0	Dharwar (Hubli)
Ratnágiri	11 3	11 3	11 3	...	...	...	10 0	10 0	9 4	16 15	16 15	14 2	20 13	20 13	20 13	19 10	19 10	15 14	23 8	23 8	18 13	15 6	15 6	16 13	150 0	150 0	180 0	14 6	14 6	11 0	14 4	14 4	11 0	Ratnágiri
Kanara (Karwar)	12 8	16 0	15 8	...	...	...	8 0	8 0	8 0	13 0	15 0	16 0	18 0	20 0	24 0	18 0	16 0	17 2	22 0	22 0	27 0	13 0	15 0	16 0	213 5	213 5	213 5	13 4	13 0	11 0	12 8	12 0	10 8	Kanara (Karwar)
Pánch Mahás (Godhra)	12 5	12 5	13 5	...	...	...	11 6	11 6	11 6	15 0	15 0	16 0	26 10	26 10	30 0	16 0	16 0	32 0	23 0	23 0	50 0	26 10	26 10	32 0	200 0	200 0	200 0	...	16 0	...	15 4	15 4	11 6	Pánch Mahás (Godhra)
Aden	8 0	8 0	8 0	...	...	...	6 3	6 3	6 3	7 0	7 0	7 0	11 3	11 3	9 5	9 5	9 5	8 0	...	...	...	9 5	9 5	9 5	65 5	65 5	65 5	...	...	...	32 0	32 0	32 0	Aden
Asirgarh	16 8	16 8	17 2	...	...	...	10 12	11 8	10 0	12 11	13 4	12 0	30 0	31 0	34 0	31 0	32 0	30 4	...	...	...	22 4	26 8	29 2	160 0	160 0	160 0	13 0	12 12	10 0	13 0	12 12	10 0	Asirgarh
Baroda	10 14	10 14	12 0	14 5	13 11	22 14	8 9	8 9	8 9	12 7	11 7	12 0	16 0	16 0	0 ...	14 5	14 5	20 0	...	...	...	16 9	16 9	20 9	85 0	85 0	86 0	14 6	14 5	12 9	14 5	14 5	12 9	Baroda
Disa	13 11	15 0	16 6	...	...	...	6 6	6 6	6 6	6 6	8 11	8 6	8 6	8 6	19 0	19 0	24 9	18 0	...	...	...	18 8	18 14	20 4	137 8	137 8	137 8	13 8	13 8	9 0	13 0	13 0	8 0	Disa
Nimach	15 7	16 0	18 8	19 0	20 0	25 8	8 8	8 8	8 8	10 0	10 0	10 0	18 0	21 0	28 0	19 0	20 0	0 ...	...	...	...	17 5	18 8	22 8	160 0	160 0	160 0	...	...	...	11 0	11 0	9 8	Nimach
Nasirabad	17 0	17 2½	17 12½	24 0	23 10½	23 8½	6 0	6 0	6 0	7 0	7 0	7 0	27 0	27 5½	27 14	18 0	18 5½	18 0	...	...	...	24 10	25 0	23 9½	90 0	90 0	90 0	*16 6½	*16 6½	...	16 0	16 0	13 0	Nasirabad
Rájkot	12 0	13 10	18 8	...	...	...	6 0	6 0	5 8	11 0	11 0	12 0	14 12	16 0	28 0	12 12	14 6	23 12	...	...	...	16 4	18 12	27 8	80 0	80 0	90 0	†55 0	†55 0	†50 0	48 0	48 0	...	
Upper Sindh Frontier	15 0	15 0	12 1	26 0	26 0	17 12	11 4	12 5	8 4½	22 12	22 12	13 4	32 0	32 0	19 6	...	29 0	19 6	40 0	40 0	...	22 0	22 0	17 4½	160 0	160 0	320 0	12 4½	12 1	9 6½	12 4	12 0	9 4½	Upper Sindh Frontier
Karachi	12 0	12 0	11 5	21 0	23 0	21 0	10 0	9 8	9 0	15 0	16 0	12 0	23 0	23 0	20 0	18 8	17 0	19 0	18 0	9 8	9 8	18 8	17 0	20 0	105 0	105 0	100 0	17 12	17 12	14 8	17 0	17 0	14 0	Karachi
Haidarabad (Nakur)	17 0	17 0	12 0	20 0	20 0	20 0	12 0	12 0	10 0	18 0	18 0	14 0	21 0	24 0	20 0	23 0	23 0	20 0	...	...	...	10 0	10 0	11 0	480 0	480 0	320 0	14 0	14 0	10 0	14 0	14 0	10 0	Haidarabad (Nakur)
Shikarpur	13 2½	13 8½	12 4	26 9½	26 10	20 0	12 4½	12 13	10 0	17 4	15 4	16 0	24 10½	23 0	17 4	26 10	26 10	18 0	...	...	...	20 4	21 4	18 12	280 0	290 0	240 0	13 5	13 8	11 6	13 2½	13 6	11 4	Shikarpur
Thar and Parkar (Umarkot)	18 0	18 2	16 7	...	...	...	...	...	...	14 0	14 0	10 1	...	...	...	20 6	22 0	16 2	...	...	...	...	...	...	160 0	160 0	160 0	10 11	10 11	9 10	10 11	10 11	9 10	Thar and Parkar (Umarkot)
Western Districts.																												Prices per md. of 40 seers.						*Western Districts.*
																												Rs. A. P.	Rs. A. P.	Rs. A. P.				
Burdwan	16 0a	16 0	18 0	21 0	30 0	30 0	26 4	20 0	27 12	30 0	32 8	30 0	...	...	...	...	...	...	...	...	...	25 0	26 0	24 0	120 0	160 0	80 0	2 11 0	2 12 0	...	13 8	13 5	10 0	Burdwan
Bancoorah	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	No return received			Bancoorah
Beerbhoom	16 0c	16 0	18 0	...	...	...	21 0	24 0	22 8	27 8	31 0	34 0	...	...	...	...	...	...	...	...	...	25 0	25 8	22 0	200 0	200 0	180 0	3 3 6	3 3 6	...	12 0	12 0	9 0	Beerbhoom
Midnapore	14 8c	14 8	15 8	...	...	...	20 0	20 0	27 0	28 0	28 0	34 0	...	...	...	...	...	...	...	...	...	19 0	19 0	18 0	160 0	160 0	160 0	3 0 0	3 0 0	...	13 0	13 0	9 0	Midnapore
Hooghly	17 0d	19 0	18 0	...	...	...	10 0	10 0	10 0	19 0	20 0	20 0	...	...	...	...	...	...	...	...	...	21 0	22 0	20 0	100 0	100 0	120 0	2 12 0	2 12 0	...	13 0	13 0	9 0	Hooghly
Howrah	13 0	16 0	15 4	...	...	...	16 0	17 8	16 0	21 8	21 8	21 0	...	...	...	...	...	...	...	...	...	22 8	22 8	20 8	80 0	80 0	80 0	2 14 0	2 14 0	4 0 0	13 0	13 0	...	Howrah

* The figures now quoted for the past fortnight are correct.

a In the sub-divisions retail prices of salt are as follow:—Culna 15 seers, Cutwa 13 seers, and Raneegunge 13.5 seers.

b In the latter retail prices of salt range from 12 to 16 seers.

c In the sub-divisions retail prices of salt are as follow:—Contai 12 seers, Tumlook 12-12 seers, and Ghatal 14-8 seers.

d In the sub-divisions retail prices of salt are as follow:—Serampur 13 seers, and Jehanabad 13-3 seers.

* Sambhur. † Common.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT INDIA FOR THE 1st HALF OF MAY 1882—*continued.*

QUANTITIES PER RUPEE

PROVINCES.	DISTRICTS.	Wheat.			Barley.			Rice (best sort).			Rice (common).			Great Millet (Cholum, Jowar), *Holcus Sorgaum.*			Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.*		
		Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
	Central Districts.																		
Bengal	Calcutta	14 9	14 9	16 6	26 10	32 0	32 0	10 0	10 0	7 4	20 0	20 0	18 13	32 0	32 0	26 10	...	...	...
Bengal	24-Pergunnahs	13 5*e*	13 5	17 4	24 8	22 8	27 8	10 8	10 0	10 0	18 0	20 0	20 0	20 0	16 0	...	...	...	...
Bengal	Nuddea	16 0*f*	16 7	16 0	32 0	32 0	32 0	20 0	20 0	17 4	22 0	21 5½	22 14	...	...	...	...	...	...
Bengal	Jessore	19 0*g*	20 0	17 0	...	...	...	22 0	23 0	21 5	28 0	29 8	29 0	...	...	...	...	...	...
Bengal	Moorshedabad	16 0*h*	20 0	22 0	...	...	...	17 0	18 0	18 0	24 0	28 0	25 8	...	...	...	...	...	...
Bengal	Dinagepore	14 8*i*	15 9	17 8	17 12	27 8	29 8	26 8	25 8	24 0	30 0	32 6	36 0	...	...	...	...	...	...
Bengal	Rajshahye	15 0 to 17 4*k*	16 0 to 20 10	21 0 to 26 4	48 12	48 12	48 12	16 0 to 18 12	19 11 to 21 0	21 8	21 0 to 24 0	24 0 to 26 4	24 0 to 27 0	...	...	...	...	...	...
Bengal	Rungpore	15 0*j*	15 0	18 0	...	...	...	16 0	16 0	15 0	25 14	25 14	24 13	...	...	...	...	...	...
Bengal	Bogra	18 12	19 14	22 8	...	...	...	15 12	18 0	24 0	28 2	30 0	37 8	...	...	...	...	...	...
Bengal	Pubna	19 8*k*	20 0	24 0	..	...	...	10 0	10 0	10 0	25 0	25 8	30 0	...	...	...	...	...	...
Bengal	Darjeeling	8 0	8 0	8 0	8 0	8 0	8 0	6 0	7 0	5 0	14 0	14 0	13 0	...	...	...	...	...	...
Bengal	Jalpáiguri	9 0*l*	9 0	10 0	20 0	20 0	...	16 0	16 0	16 0	24 0	23 0	22 8	...	...	...	...	...	...
	Eastern Districts.																		
Bengal	Dacca	16 0*m*	16 0	14 8	40 0	40 0	45 0	22 8	25 0	25 0	26 0	29 0	32 0	...	...	...	...	...	...
Bengal	Furreedpore	22 0*n*	22 0	20 0	30 0	30 0	30 0	22 0	24 0	7 0	26 0	26 0	26 0	...	...	...	...	...	...
Bengal	Backergunge	... *o*	...	...	...	...	...	24 0	24 0	22 0	29 0	29 0	32 0	...	...	...	...	...	...
Bengal	Mymensingh	11 8*p*	10 0	11 8	...	...	...	22 8	23 0	22 0	29 0	29 0	27 8	...	...	...	...	...	...
Bengal	Tipperah	13 4*q*	13 4	13 4	...	...	...	22 0	22 0	24 0	29 0	32 0	34 0	...	...	...	...	...	...
Bengal	Chittagong	9 0*r*	9 0	12 4	...	...	...	16 0	16 0	18 0	22 0	23 0	30 0	...	...	...	...	...	...
Bengal	Noakholly	... *s*	...	...	...	...	...	27 0	26 0	26 0	31 0	32 0	30 0	...	...	...	...	...	...
Bengal	Chittagong Hill Tracts	...	...	...	...	...	...	14 8	14 8	16 0	17 12	17 12	17 3	...	...	...	...	...	...
Bengal	Hill Tipperah	10 0	10 0	10 0	...	...	...	26 0	28 0	32 0	37 0	38 0	40 0	...	...	...	...	...	...
	Behar.																		
Behar	Patna	18 0	19 8	22 0	40 0	40 0	40 0	12 0	12 0	16 0	22 0	22 0	24 0	...	...	...	...	...	...
Behar	Gya	20 0*t*	21 0	21 8	28 0	30 0	38 0	12 0	11 8	13 0	22 0	22 0	22 8	...	...	...	...	...	...
Behar	Shahabad	17 0*u* to 18 0	15 8 to 17 0	21 0 to 22 0	33 0	35 0	39 0	19 0 to 20 0	20 0 to 22 0	21 0	22 0	23 8	22 0 to 23 0	...	...	...	...	...	...
Behar	Durbhunga	15 0	15 0	22 0	35 0	28 0	45 0	13 0	13 0	15 0	17 0	17 0	22 0	...	...	...	...	...	...
Behar	Mozufferpore	20 0*v*	19 0	24 0	32 0	32 0	45 0	12 0	12 0	11 0	18 0	18 0	22 0	...	...	...	...	...	...
Behar	Sarun	16 8	15 8	20 0	31 0	32 0	42 0	10 0	10 0	10 8	21 0	22 0	22 0	33 0	37 0	45 0	...	...	...
Behar	Chumparun	19 0*w*	18 8	21 0	45 0	43 0	38 0	12 *0	12 0	14 0	31 0	23 0	21 0	...	...	...	...	...	...
Behar	Monghyr	20 0*x*	20 0	22 0	36 12	27 12	36 8	15 12	16 12	15 12	20 0	21 0	19 15	...	...	...	...	...	...
Behar	Bhágalpur	16 6*y*	17 1	17 11	37 14	34 0	40 6	18 15	18 15	18 5	24 0	22 11	20 8	...	...	...	...	...	...
Behar	Purneah	18 0*z*	18 0	26 *0	...	40 0	40 0	22 0	24 0	23 0	28 0	28 0	30 0	...	...	...	...	...	...
Behar	Maldah	19 0	20 0	22 8	...	...	...	18 0	18 0	16 0	25 0	25 0	28 0	...	...	...	...	...	...
Behar	Sonthal Pergunnahs	14 0	15 0	16 0	...	...	...	22 0	24 0	24 0	27 0	27 0	27 8	...	...	...	...	...	...
	Orissa.																		
Orissa	Cuttack	15 12	14 7	23 10	...	...	...	15 12	14 7	15 12	26 4	28 14	23 10	...	...	...	...	...	...
Orissa	Pooree	13 0*z1*	13 8	17 1	...	...	...	24 0	28. 0	23 10	30 0	36 0	27 0	...	...	...	...	...	...
Orissa	Balasore	16 0*z2*	16 0	16 0	...	...	...	26 0	26 0	32 0	32 0	32 0	40 0	...	...	...	...	...	...
	Chota Nagpore—South-Western Frontier Agency.																		
Chota Nagpore	Hazaribagh	15 8*z3*	16 0	21 0	27 0	24 0	...	12 0	12 0	12 0	21 0	21 0	22 0	...	...	...	...	...	...
Chota Nagpore	Lohardugga	20 0*z4*	20 0	21 0	28 0	30 0	32 0	22 0	22 0	22 0	26 0	26 0	24 0	...	...	...	...	...	...
Chota Nagpore	Singbhoom	24 0	24 0	24 0	32 0	32 0	40 0	36 0	36 0	32 0	40 0	40 0	36 0	...	...	...	...	...	...
Chota Nagpore	Manbhoom	13 8*z5*	16 0	17 0	...	...	40 0	20 0	23 8	21 0	36 0	36 0	32 0	...	...	45 0	...	...	...

e In the sub-divisions retail prices of salt are as follow :—Diamond Harbour 10-8 seers, Barripore 10 seers, Barrackpore 12-12 seers, Baraset, Bussirhat and Satkhira, 13 seers, and Dum-Dum 12 seers.

f In the sub-divisions retail prices of salt are as follow :—Kooshtea 13 seers, Meherpore 12 seers, Choondanga 12-8 seers, Ranaghat 13-14 seers, and Bongong 13-5 seers.

g In the sub-divisions retail prices of salt are as follow :—Jhenida, Magoora and Narail 12 seers, Khoolna 11 10 seers, and Bagirhat 11 seers.

h In the sub-divisions retail prices of salt are as follow :—Laibagh 10 seers, Jungypore 12-4 seers, and Kandi 11-8 seers.

i Retail price of salt at Raingunge 10-4 seers, and at Nitpore 16 seers.

k In the sub-divisions retail prices of salt are as follow :—Kurigram 10 seers, Gaibanda 10 seers and Nelphamari 9-11 seers.

l In Serajgunge retail price of salt is 11-8 seers.

m Retail prices of salt at Fallacotta in the Alipore sub division is 12 seers.

n In the interior retail prices of salt are as follow :—Manickgunge 12 seers, Moonshegunge 10-10½ seers, Ruppgunge 10-8 seers, and Narainguuge 13 8 seers.

o In the sub-divisions retail prices of salt are as follow :—Goalundo 12 seers, Madaripore 13 seers and Bhanga 16 seers.

p In the sub-divisions retail prices of salt are as follow :—Futuakhali 10-10 seers, Feruzepore 11 seers, and Bhola 10 seers.

q In the sub-divisions retail prices of salt are as follow :—Kishoregunge 13-8 seers, Attia 12 seers, Jamalpore 11 seers and Nittrokona 12-13 seers.

r In the interior retail prices of salt are as follow :—Brahmunbariah 12-8 seers and Chandpore 13 seers.

s In the sub-divisions retail prices of salt are as follow :—Ramoo 9 seers and in Cox's Bazar 10 seers.

t In the interior retail prices of salt range from 8 to 11 seers.

INDIA FOR THE 1st HALF OF MAY 1882—*continued.*

IN SEERS OF 80 TOLAHS.

PROVINCES.	DISTRICTS.	Lesser Millets, Rari, &c. (Kararu, Veragu, Sawee, Cheena, Coraloo, Murhwa, Nagiee), *Panicum Miliaceum*, &c.			Gram.			Firewood.			Salt.								
											Wholesale prices per maund of 40 seers.			Retail.					
		Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.			
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. A. P.	Rs. A. P.	Rs. A. P.	S. Ch.	S. Ch.	S. Ch.			
	Central Districts.																		
Bengal	Calcutta	...	...	...	24 10	24 10	22 13	90 0	90 0	90 0	2 10 0	2 10 0	...	13 8	13 8	10 0			
Bengal	24-Pergunnahs	...	...	...	20 0	20 0	21 0	90 0	90 0	100 0	3 0 0	3 8 0	...	13 5	11 0	9 8			
Bengal	Nuddea	...	...	...	26 0	26 0	27 13	...	...	...	3 0 0	3 0 0	...	12 13½	12 13½	9 11½			
Bengal	Jessore	...	...	...	22 0	23 0	20 0	110 0	110 0	110 0	3 2 0	3 2 0	...	11 8	11 8	8 0			
Bengal	Moorshedabad	...	...	...	32 0	32 0	32 0	120 0	120 0	120 0	3 5 0	3 12 0	...	10 8	10 0 to 10 0	9 0 to 10 0			
Bengal	Dinagepore	...	...	...	17 12	24 0	18 0	160 0	160 0	180 0	3 4 0	3 4 0	...	12 0	12 0	8 12			
Bengal	Rajshahye	...	...	...	26 4 to 28 2	27 3 to 28 2	28 2	240 0	240 0	240 0	3 5 0	3 5 3	...	12 0	12 0	9 0			
Bengal	Rungpore	...	...	...	15 0	15 0	12 0	135 0	125 0	120 0	3 5 0	3 5 0	...	11 8	11 8	8 12			
Bengal	Bogra	...	...	...	15 12	19 8	18 12	59 0	67 8	67 8	3 4 0	3 2 8	...	10 8	12 0	8 4			
Bengal	Pubna	...	...	...	22 0	22 0	25 0	200 0	200 0	200 0	3 0 0	3 0 0	...	13 5	13 5	9 0			
Bengal	Darjeeling	8 0	9 0	9 0	10 0	10 0	8 0	160 0	160 0	160 0	5 0 0	5 0 0	...	8 0	6 0	5 0			
Bengal	Jalpáiguri	...	...	...	16 0	16 0	13 5	128 0	128 0	64 0	3 4 0	3 5 0	...	11 0	11 0	8 0			
	Eastern Districts.																		
Bengal	Dacca	...	...	...	25 0	25 0	22 10	91 4	91 4	106 0	2 15 0	2 15 0	4 0 0	13 5	13 5	10 0			
Bengal	Furreedpore	...	...	...	16 0	16 0	11 0	...	...	...	3 5 4	3 1 3	...	11 0	12 0	10 0			
Bengal	Backergunge	...	...	...	21 0	21 0	18 0	100 0	100 0	100 0	3 11 0	3 11 0	...	10 9	10 9	9 0			
Bengal	Mymensingh	...	...	...	16 0	17 0	18 0	...	...	...	3 2 0	3 2 0	...	12 8	12 8	9 0			
Bengal	Tipperah	...	...	...	20 0	20 0	18 0	...	...	...	3 6 0	3 6 0	...	11 0	11 0	9 8			
Bengal	Chittagong	...	...	...	16 0	16 0	13 0	80 0	80 0	80 0	2 11 0	2 11 0	...	13 0	13 0	7 0			
Bengal	Noakholly	...	...	...	15 0	16 0	16 0	...	...	...	4 4 0	4 4 0	...	9 0	9 0	8 0			
Bengal	Chittagong Hill Tracts	...	...	...	...	...	...	320 0	320 0	320 0	3 10 0	4 0 0	...	10 0	9 0	8 0			
Bengal	Hill Tipperah	...	...	...	13 0	13 0	10 8	...	...	...	4 0 0	4 0 0	...	10 0	10 0	8 0			
	Behar.																		
Behar	Patna	...	...	...	36 0	36 0	35 0	180 0	180 0	120 0	3 0 0	...	...	11 0	...	...			
Behar	Gya	...	...	...	27 0	27 8	31 0	160 0	140 0	180 0	3 6 0	3 6 0	...	12 0	12 0	9 0			
Behar	Shahabad	...	...	...	32 0	32 0	32 0	120 0	120 0	120 0	3 1 0	3 2 0	...	12 0	13 0	9 0			
Behar	Durbhunga	40 0	40 0	30 0	27 8	28 0	26 0	160 0	160 0	180 0	3 4 0	3 4 0	...	11 0	12 0	8 8			
Behar	Mozufferpore	...	...	...	30 0	30 0	32 0	140 0	140 0	140 0	3 5 0	3 4 0	...	12 0	12 0	8 8			
Behar	Sarun	32 0	32 0	34 0	31 0	32 0	32 8	160 0	160 0	160 0	3 5 0	3 8 0	...	11 8	11 0	9 0			
Behar	Chumparun	...	43 0	...	30 0	28 0	28 0	...	...	...	...	3 2 6	...	11 0	10 8	8 0			
Behar	Monghyr	...	...	...	36 2	33 9	33 9	126 0	126 0	126 0	3 2 0	3 2 6	...	12 0	10 8	8 12			
Behar	Bhágalpur	...	...	...	32 3	32 2	26 8	138 14	138 6	126 4	2 15 0	3 3 0	...	12 10	12 10	9 6			
Behar	Purneah	...	...	...	24 0	25 0	25 0	160 0	160 0	120 0	3 12 0	4 0 0	...	11 0	10 0	8 0			
Behar	Maldah	...	...	...	27 8	28 0	27 0	120 0	120 0	120 0	3 8 0	3 6 0	...	10 0	10 0	9 0			
Behar	Sonthal Pergunnahs	...	...	...	22 0	24 0	22 8	200 0	200 0	200 0	3 12 0	3 12 0	...	10 0	10 0	8 0			
	Orissa.																		
Orissa	Cuttack	15 12	14 7	21 0	23 10	23 10	26 4	160 0	160 0	160 0	3 0 0	3 0 0	3 8 0	13 0	13 0	11 0			
Orissa	Pooree	...	...	...	17 8	18 0	19 4	102 0	105 0	100 0	3 6 0	3 6 0	...	11 0	11 0	11 13			
Orissa	Balasore	...	...	...	16 0	16 0	13 5	160 0	160 0	160 0	3 2 0	3 2 0	4 6 0	13 0	13 0	9 4			
	Chota Nagpore—South-Western Frontier Agency.																		
Chota Nagpore	Hazáribágh	36 0	39 0	48 0	21 0	21 0	23 0	240 0	240 0	200 0	3 7 3	3 7 3	...	11 0	11 0	8 0			
Chota Nagpore	Lohardugga	36 0	38 0	50 0	20 0	22 0	22 0	140 0	140 0	160 0	4 0 0	4 0 0	...	9 0	9 0	7 8			
Chota Nagpore	Singbhoom	...	...	...	24 0	24 0	28 0	180 0	180 0	160 0	4 6 9	4 0 0	...	8 0	8 0	7 0			
Chota Nagpore	Manbhoom	...	...	64 0	20 0	20 0	20 0	140 0	140 0	140 0	3 8 0	3 8 0	...	12 0	11 0	8 8			

f In Jehanabad retail price of salt is 12 seers.

s In the sub-divisions retail prices of salt are as follow :—Sasseram 11-8 seers, Buxar 11 seers, and Bhabooah 10-8 seers.

v In the sub-divisions retail price of salt is 12-8 seers.

w In Hajeepore retail prices of salt range from 8 to 12-8 seers.

x In the interior retail prices of salt are as follow :—Jamui 12-4 seers and Begoosarai 12 seers.

y In the sub-divisions retail prices of salt are as follow :—Banka 11 seers, Mudehpoora 11-8 seers and Soopole 10 seers.

z In the sub-divisions retail price of salt are as follow :—Arrureah (Ranigunge) 9 seers and Kissengunge 10 seers.

z1 In Khoorda retail price of salt is 13 seers.

z2 In Bhadruk retail price of salt is 10 seers.

z3 Retail price of salt in Chatra 11 seers, and in Kharagdiha 12 seers.

z4 Retail price of salt at Daltongunge 9-8 seers and at Lohardugga 10 seers.

z5 In the interior retail prices of salt range from 10-8 to 15 seers.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT INDIA FOR THE 1st HALF OF MAY 1882—*continued.*

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

Provinces.	Districts	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholum, Jowari. *Sorghum Sorghum.* Present fortnight.	Great Millet (Cholum, Jowari. *Sorghum Sorghum.* Past fortnight.	Great Millet (Cholum, Jowari. *Sorghum Sorghum.* Corresponding fortnight of 1881.	Bajrah Millet (Cumboo, Bajrah. *Penicillaria Spicata.* Present fortnight.	Bajrah Millet (Cumboo, Bajrah. *Penicillaria Spicata.* Past fortnight.	Bajrah Millet (Cumboo, Bajrah. *Penicillaria Spicata.* Corresponding fortnight of 1881.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
Assam.	Sylhet	13 0	13 0	13 0	...	...	...	17 0	17 0	16 0	35 0	35 0	24 8	...	...	...	...	...	...
	Cachar	10 10	9 2	11 2	17 12	16 0	16 0	26 10	16 0	17 12	30 8	21 5	20 0	...	...	...	...	...	...
	Goálpárá	32 0	32 0	20 0	...	...	...	13 5	13 4	15 0	20 0	20 0	18 0	...	...	...	...	...	...
	Gáro Hills	4 0	4 0	4 0	...	...	...	5 0	5 0	5 0	18 0	20 0	18 0	...	...	...	...	...	...
	Kámrúp	13 4	19 0	14 0	...	...	...	14 8	12 0	18 0	18 0	18 0	22 0	...	...	...	...	...	...
	Darrang	...	...	6 8	...	...	...	8 0	10 0	8 0	16 0	16 0	16 0	...	...	...	...	...	...
	Nowgong	...	...	...	...	...	...	13 8	13 8	10 0	16 0	16 0	16 0	...	...	...	...	...	...
	Sibságar	...	...	...	...	...	...	6 8	6 8	8 0	16 0	16 0	12 0	...	...	...	...	...	...
	Lakhimpur	8 0	8 0	9 0	10 0	10 0	...	7 0	7 0	8 0	16 0	16 0	14 0	...	...	...	...	...	...
	Khásí & Jaintiá Hills	...	7 5	8 0	...	6 0	...	9 0	10 0	8 0	10 0	11 0	10 0	...	...	...	...	...	...
	Nága Hills	...	...	...	...	...	...	5 0	4 0	4 0	8 0	8 0	...	...	...	...	...	...	...
N. W. Provinces.	Dehra Dún	19 8	19 0	19 0	31 0	32 0	32 0	11 0	11 4	11 0	12 8	13 0	12 8	24 0	24 0	20 0	20 0	24 0	16 0
	Saháranpur	20 15½	21 8	29 8	30 2	30 2	28 0	10 12	10 12	8 10	12 14	12 14½	11 14	25 13	24 11½	21 9	26 13	25 13	19 16
	Muzaffarnagar	19 4	21 0	21 8	33 0	33 0	31 14	6 9	6 9	6 9	14 5	14 5	14 5	28 11	30 4	26 6	28 14	28 10	22 0
	Meerut	18 8	19 0	21 8	25 0	24 8	29 0	6 0	6 0	5 8	16 0	16 0	14 0	27 0	28 8	22 0	22 0	26 0	19 0
	Bulandshahr	19 12	20 12	21 0	25 12	27 0	27 0	6 0	6 0	6 0	10 11	10 11	12 5	25 0	26 0	21 8	22 0	22 0	20 0
	Aligarh	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Kumaun	15 0	17 0	13 8	20 0	20 0	16 0	10 0	10 0	10 4	13 0	14 0	11 8	...	...	...	...	...	...
	Garhwál	22 0	22 0	17 8	28 0	28 0	20 0	10 0	10 0	9 0	16 0	16 0	12 0	...	...	...	...	...	...
	Bijnor	18 0	18 9	20 13	27 2	28 2	28 2	11 8	11 11	11 4	13 8	12 15	13 8	24 12	27 0	18 0	20 4	20 4	16 14
	Moradabad	19 6	20 10	21 4	26 14	28 2	28 12	8 2	8 2	8 2	14 6	14 6	14 6	27 8	27 8	23 12	21 4	23 2	18 2
	Budaun	19 14	21 0	21 14	27 0	27 9¼	27 14	9 9	9 9½	9 9¼	15 13	15 9½	14 14	1½	...	...	...	...	...
	Bareilly	19 1	20 10	20 10	25 10	27 8	28 2	8 2	8 2	8 2	7 8	15 0	15 10	14 6	23 12	23 12	25 0	17 8	20 0
	Sháhjáhánpur	20 14	21 8	22 6	27 12	29 8	31 8	9 4	9 4	8 0	16 0	15 8	13 12	...	...	...	...	...	...
	Tarái Pergunnahs	21 12	22 0	22 0	35 0	41 0	35 0	10 0	8 12	10 0	15 0	15 0	14 0	...	25 0	25 0	...	25 0	25 0
	Muttra	18 8	18 8	19 8	22 8	24 0	25 8	...	...	8 0	15 0	15 0	14 0	24 0	25 0	21 0	20 0	22 0	19 0
	Agra	17 4	18 0	18 0	23 0	22 0	23 0	6 0	6 0	6 0	14 0	14 0	13 8	23 0	24 0	23 0	20 0	21 0	22 0
	Farukhabad	19 2	19 7	21 3	25 0	26 8½	29 6½	8 3	8 3	6 2	15 4	15 5½	14 5	23 13½	...	...	...	...	22 6
	Mainpuri	20 0	20 0	18 8	25 0	25 0	24 8	5 0	5 0	4 0	11 0	12 0	12 0	...	...	...	...	...	...
	Etáwah	19 0	19 8	18 8	24 8	24 8	28 8	6 0	6 0	6 0	14 8	14 8	15 0	22 8	22 8	23 0	24 0	20 0	23 8
	Etah	21 0	22 0	22 0	26 0	27 0	26 0	6 0	6 0	10 0	13 0	13 0	12 0	...	...	...	18 0	18 0	16 0
	Jalaun	22 0	22 0	20 0	22 0	22 0	21 0	10 0	10 0	8 0	13 0	13 0	12 0	30 0	30 0	24 0	26 0	26 0	20 0
	Jhánsi	23 10½	24 4	22 8	35 0	35 0	31 2	9 8	9 8	7 8	15 0	15 0	13 0	29 5	30 14	29 6	...	...	...
	Lalitpur	25 0	26 0	25 8	39 0	39 0	32 0	10 0	10 0	9 0	13 0	14 0	11 0	35 0	36 0	35 0	30 0	32 0	26 0
	Cawnpore	19 12	21 0	21 8	28 0	28 8	26 8	11 0	11 0	10 0	16 0	16 8	15 0	30 0	32 0	27 8	26 8	27 0	26 8
	Fatehpur	18 8	18 12	18 10	26 4	26 12	23 0	10 5	10 0	9 8	17 0	17 0	13 8	...	...	...	...	...	...
	Bánda	21 4	22 0	19 0	28 0	30 0	23 8	9 0	10 0	10 0	15 8	16 0	15 8	35 0	35 0	25 0	33 0	33 0	26 0
	Allahabad	19 0	19 8	19 0	28 0	28 8	24 12	12 0	11 0	11 0	18 0	18 0	16 4	32 0	33 0	26 0	30 0	31 0	25 0
	Hamírpur	20 0	20 0	19 5	...	...	23 10	12 0	...	9 0	...	14 0	16 0	30 0	28 0	23 1	...	...	20 8
	Jaunpur	20 14	21 3	21 3	33 2	33 2	22 4	8 7	8 7	7 12	14 2	14 2	15 8	...	...	...	22 9	23 9	19 12
	Gorakhpur	20 13	21 9½	23 6½	36 0	36 0	46 12½	16 3	16 3	17 1½	21 9½	21 9½	22 8	...	...	45 0	...	...	41 6½
	Basti	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Azamgarh	19 15	20 10	19 3	31 0	31 0	32 7	8 14	10 1	8 12	17 11	16 4	15 8	41 4	41 4	...	...	...	...
	Mirzapur	17 0	17 0	18 0	26 0	26 0	28 0	10 0	10 0	10 0	18 0	18 0	16 0	28 0	27 0	30 0	26 0	25 0	28 0
	Benares	17 5½	18 2	18 15½	27 13½	27 10	27 10½	12 7	13 0	13 9	18 11½	20 1	19 8	28 11½	28 11½	28 12	27 10	27 10	28 12
	Gházipur	19 5	18 10	22 8	28 5	28 9	32 3	10 15½	10 11	10 5	20 15½	21 3½	18 10	36 1	36 1	38 10	27 0½	27 1½	30 14
	Balia	17 0	16 4	22 8	28 12	27 8	39 12	10 0	10 0	10 0	15 0	15 0	22 8	...	...	...	...	...	...
	Pilibhít	22 8	21 12	20 8	34 5	35 0	35 0	15 8	15 0	15 0	17 0	17 2	17 0	...	...	...	...	...	...
Oudh.	Lucknow	18 11	19 9¼	20 2	28 1½	29 2	28 8	6 0	6 0	6 0	14 10½	14 13½	15 0	27 8	27 8	29 8	25 5	25 2	24 0
	Unáo	19 8	20 8	20 1	28 0	28 0	25 3	12 0	12 0	8 0	16 0	16 0	14 0	...	...	26 0	...	...	23 11
	Bára Banki	19 0	19 0	20 0¾	28 0	29 0	29 0	9 0	10 0	8 0	18 0	19 0	15 0	32 0	32 0	30 0	22 0	24 0	18 0
	Sitapur	22 4	23 2	23 14	33 4	32 4	33 2	8 0	8 0	8 0	18 0	19 0	15 10	22 0	23 4	...	21 0	21 4	...
	Hardui	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Kheri	21 0	20 0	22 0	28 6	29 0	34 0	7 4	7 0	7 0	15 0	16 0	14 0	32 0	34 0	...	...	...	...
	Fyzabad	18 4	19 4	20 0	30 0	31 0	31 8	11 8	11 8	11 0	18 0	16 0	15 8	36 0	37 0	30 0	20 8	...	...
	Bharaich	18 0	17 0	23 0	37 0	37 0	38 0	9 0	9 0	9 0	18 0	15 0	18 0	35 0	38 0	45 0	14 0	14 0	18 0
	Gonda	22 1	23 8	25 0	39 0	38 12	45 0	15 4	15 12	17 0	19 4	20 0	18 0	42 8	43 0	48 0	25 0	26 0	28 0
	Rai Bareli	20 10	20 12	18 8	27 4	27 8	21 12	...	...	...	18 0	18 0	14 0	29 8	30 8	...	22 0	...	...
	Sultánpur	22 8	23 0	21 8	34 0	34 0	28 0	11 0	12 0	11 0	20 0	20 0	16 0	...	...	...	21 0	24 0	14 0
	Partábgarh	22 0	22 3	21 0	33 7	33 2	28 8	17 8	16 10	13 2	18 8	17 14	14 4	...	...	...	...	...	...
Punjab.	Delhi	18 0	17 8	19 8	24 0	24 8	26 0	...	...	...	15 0	15 0	13 0	24 0	28 8	22 8	19 0	22 0	19 0
	Gurgáon	19 8	18 8	19 0	25 8	27 0	25 4	...	...	...	13 0	13 0	13 0	24 0	26 0	23 0	22 0	22 0	21 0
	Karnál [a]	19 0	19 8	19 0	29 0	32 0	30 0	...	...	...	12 0	12 0	12 0	29 0	31 0	25 0	29 0	29 0	22 0
	Hissar [b]	21 0	20 0	18 12	34 0	32 0	28 0	...	...	...	10 0	10 0	10 0	36 0	36 0	25 0	29 0	29 0	22 0
	Rohtak [c]	20 0	21 0	18 8	23 0	25 0	27 0	...	...	...	9 0	9 0	11 0	27 0	26 0	25 0	24 0	25 0	20 0
	Sirsa [d]	21 12	23 0	17 0	38 8	41 0	32 0	...	...	...	14 0	14 0	12 0	14 0	15 0	26 0	33 0	33 0	22 0
	Umballa	23 8	25 0	19 8	33 0	36 0	27 0	...	...	...	13 0	14 0	13 0	33 0	34 0	26 0	30 0	31 0	23 0
	Ludhiana	25 0	26 0	19 8	37 0	38 0	30 0	...	...	...	12 0	12 0	12 0	38 0	38 0	27 0	30 0	30 0	17 0
	Simla	17 0	...	15 0	...	...	...	...	...	...	13 0	12 0	11 0	...	...	...	...	...	...
	Jullundur	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Hoshiárpur	26 0	24 0	21 0	39 0	38 0	32 0	...	...	...	12 0	11 0	12 0	31 0	35 0	24 0	20 0	20 0	16 0
	Kangra	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

* Mandua—Present 36 seers, past 5 seers, and corresponding 22 seers.

[a] Price of wheat, barley, jowar and gram rising.

[b] Price of wheat, barley, and salt falling.

[c] Price of wheat and bajra rising; salt, barley, and jowar falling.

[d] Price of salt falling; wheat, barley, jowar, bajra, and gram rising.

IN SEERS OF 80 TOLAHS.

Provinces.	Districts	Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Coraloo, Murhwa, Nuglee). *Panicum Miliaceum, &c.* Present fortnight.	Lesser Millets, Ragi, &c. Past fortnight.	Lesser Millets, Ragi, &c. Corresponding fortnight of 1881.	Gram. Present fortnight.	Gram. Past fortnight.	Gram. Corresponding fortnight of 1881.	Firewood. Present fortnight.	Firewood. Past fortnight.	Firewood. Corresponding fortnight of 1881.	Salt. Wholesale. Present fortnight.	Salt. Wholesale. Past fortnight.	Salt. Wholesale. Corresponding fortnight of 1881.	Salt. Retail. Present fortnight.	Salt. Retail. Past fortnight.	Salt. Retail. Corresponding fortnight of 1881.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. A. per maund.	Rs. A. per maund.	Rs. A. per maund.	S. Ch.	S. Ch.	S. Ch.
Assam.	Sylhet	...	...	...	15 0	17 8	17 0	108 0	108 0	108 0	3 4	...	...	12 0	12 0	8 8
	Cachar	...	...	...	14 8	16 0	14 8	80 0	80 0	64 0	3 8	...	...	10 10	9 2	8 10
	Goálpárá	...	...	...	20 0	16 0	12 0	120 0	120 0	120 0	3 8	...	...	10 2	10 2	8 0
	Gáro Hills	...	...	...	8 0	8 0	6 8	160 0	160 0	160 0	5 6	...	...	6 6	6 6	5 5
	Kámrúp	...	...	...	14 0	13 0	13 0	200 0	200 0	200 0	3 8	...	...	11 8	10 8	8 0
	Darrang	...	...	...	8 11	9 3	7 9	160 0	160 0	160 0	4 8	...	...	8 0	8 0	7 0
	Nowgong	...	...	...	8 0	8 0	8 0	120 0	120 0	100 0	5 0	...	...	8 0	8 0	8 0
	Sibságar	...	...	...	10 0	10 0	8 0	80 0	80 0	120 0	4 8	...	...	8 8	8 8	6 8
	Lakhimpur	...	...	...	11 0	11 0	10 0	120 0	120 0	80 0	5 0	...	...	8 0	8 0	7 0
	Khásí & Jaintiá Hills	...	...	...	10 0	10 0	...	...	...	...	5 8	...	...	7 4	7 4	5 5
	Nága Hills	...	...	...	2 0	2 0	3 0	120 0	120 0	120 0	15 0	...	...	2 11	2 11	2 8
N. W. Provinces.	Dehra Dún	...	...	...	24 0	23 0	20 0	160 0	160 0	160 0	11 0	11 0	10 0	10 8	10 8	9 8
	Saháranpur	...	...	...	25 3½	27 6½	21 1	150 8	150 8	129 0	12 6	12 6	10 12	12 1	11 13½	10 3
	Muzaffarnagar	...	...	...	23 10	25 5	22 0	132 0	132 0	132 0	12 6	11 8	9 14	12 2	11 2	...
	Meerut	...	...	...	23 0	23 0	21 0	110 0	110 0	110 0	11 8	11 8	10 0	11 0	11 0	9 8
	Bulandshahr	...	...	...	23 0	24 8	22 0	120 0	120 0	110 0	11 8	11 8	10 4	...	...	...
	Aligarh	...	...	...	...	...	...	...	...	...	...	...	...	No return received		
	Kumaun	...	...	...	13 0	13 8	12 8	200 0	200 0	200 0	7 0	8 0	7 0	6 0	6 0	6 0
	Garhwál	...	...	...	9 0	9 0	10 0	320 0	320 0	320 0	8 0	8 0	8 0	7 0	7 0	7 0
	Bijnor	...	...	...	22 0	22 8	20 4	135 0	135 0	135 0	...	...	...	11 8	10 4	9 14
	Moradabad	...	...	...	21 14	21 14	19 6	162 8	125 0	125 0	12 11	12 10½	...	12 8	12 8	10 10
	Budaun	...	...	...	19 3	21 0	22 12½	192 0	192 0	192 0	10 8	...	...	9 9¼	...	...
	Bareilly	...	...	...	20 0	21 4	20 10	125 0	125 0	137 8	11 14	11 6½	...	11 4	10 10	9 11
	Sháhjáhánpur	...	...	...	21 12	22 4	20 8	200 0	200 0	160 0	11 8	12 0	10 0	11 0	11 8	9 6
	Tarái Pergunnahs	...	...	...	17 8	19 0	19 0	120 0	120 0	120 0	...	...	...	...	...	...
	Muttra	...	...	...	21 0	23 0	20 0	110 0	120 0	100 0	13 11	11 4	10 0	12 1	11 0	10 0
	Agra	...	...	...	21 0	22 0	19 8	100 0	110 0	100 0	13 0	13 0	10 0	12 8	12 8	10 8
	Farukhabad	...	...	...	22 3½	22 11½	21 13	156 8	156 8	156 8	11 11½	11 9	10 3	11 5	10 14	...
	Mainpuri	...	...	...	22 8	22 0	17 8	160 0	160 0	160 0	10 8	...	...	10 0	10 0	9 4
	Etáwah	...	...	...	25 8	26 8	19 8	120 0	120 0	120 0	10 8	10 0	10 0	9 8	10 0	10 0
	Etah	...	...	...	22 0	23 0	20 0	140 0	140 0	140 0	12 0	12 0	11 0	11 0	11 8	11 8
	Jalaun	...	...	...	33 0	33 0	23 0	140 0	140 0	120 0	12 0	12 0	...	11 0	11 0	10 0
	Jhánsi	...	...	...	31 7	31 8	26 9	200 0	200 0	200 0	11 14	11 8	9 0	11 3	11 0	8 8
	Lalitpur	...	...	...	34 0	34 0	33 8	180 0	200 0	200 0	12 0	12 0	...	11 8	11 8	9 0
	Cawnpore	...	...	...	26 8	27 8	23 0	150 0	150 0	165 0	12 8	12 12	...	12 4	12 8	10 8
	Fatehpur	...	...	...	25 4	26 4	21 0	200 0	200 0	200 0	9 10	9 10	...	9 6	9 6	9 4
	Bánda	...	...	...	32 8	35 0	23 8	160 0	160 0	200 0	12 5	...	...	12 0	12 0	10 8
	Allahabad	...	...	...	28 0	30 4	23 2	140 0	160 0	155 0	12 0	12 0	...	11 0	10 0	...
	Hamírpur	...	...	...	30 0	28 0	22 8	140 0	140 0	140 0	12 0	...	...	11 4	11 0	10 6
	Jaunpur	...	...	...	26 13	28 4	26 13	169 8	169 8	141 10	9 11	9 2	...	9 9	8 15	8 15
	Gorakhpur	...	...	...	32 6½	32 6½	39 9¼	160 0	160 0	120 0	11 13	...	...	9 9½	9 9¼	8 6½
	Basti	...	...	...	...	...	...	...	...	...	...	...	...	No return received		
	Azamgarh	...	...	...	23 10	23 10	26 9	117 8	117 8	131 8	9 3	10 8	7 12	8 0	9 4	8 2
	Mirzapur	...	...	...	25 0	25 0	21 0	100 0	100 0	100 0	8 8	9 0	9 0	8 0	7 8	8 0
	Benares	...	...	...	24 15	26 0	25 8	120 0	140 0	120 0	11 4	11 4	...	9 9	9 9	9 4
	Gházipur	...	...	...	27 0¼	23 13½	28 15	129 0	103 0	154 8	10 7½	...	...	9 13	9 10	7 12
	Balia	...	...	...	28 12	27 8	32 8	88 0	88 0	120 0	9 8	...	...	9 6	...	...
	Pilibhít	...	...	...	20 4	23 8	21 1	150 0	150 0	150 0	12 0	12 0	12 0	11 4	11 4	11 4
Oudh.	Lucknow	...	...	...	22 10½	23 3½	20 8	120 0	117 8	120 0	9 8	9 8	9 8	9 0	9 0	9 0
	Unáo	...	...	...	25 0	25 0	21 0	100 0	100 0	100 0	8 8	9 0	9 0	8 0	8 0	8 0
	Bára Banki	...	...	...	26 8	26 0	19 15	160 0	160 0	160 0	...	...	...	9 0	9 0	9 0
	Sitapur	...	...	...	24 0	26 0	23 0	130 0	130 0	120 0	12 0	10 0	10 0	9 8	9 8	9 0
	Hardui	...	...	...	23 0	23 0	23 6	160 0	160 0	160 0	11 8	...	...	10 8	9 0	9 0
	Kheri	...	...	...	...	...	...	...	...	...	...	...	...	No return received		
	Fyzabad	...	...	...	20 0	20 0	27 0	200 0	200 0	200 0	9 8	9 8	10 0	10 0	10 0	11 0
	Bharaich	...	...	...	25 12	26 0	23 12	120 0	120 0	120 2	9 8	9 0	9 0	8 8	8 8	8 8
	Gonda	...	...	...	27 0	26 0	26 0	160 0	160 0	160 0	...	...	...	9 0	8 4	8 4
	Rai Bareli	...	...	...	28 14	30 4	28 4	240 0	240 0	200 0	11 4	11 4	...	11 0	11 0	9 4
	Sultánpur	...	...	...	21 8	21 4	17 8	160 0	160 0	160 0	...	...	...	9 0	8 8	8 4
	Partábgarh	...	...	...	30 0	30 0	22 8	160 0	160 0	160 0	11 8	10 12	9 12	11 4	10 8	9 8
		...	...	...	25 4	26 12	20 4	200 0	200 0	200 0	10 0	10 0	10 0	9 0	9 0	9 0
Punjab.	Delhi	...	...	...	22 0	22 4	20 8	85 0	85 0	90 0	12 8	12 8	...	12 0	12 0	11 8
	Gurgáon	...	...	...	22 0	22 8	20 8	140 0	140 0	120 0	12 0	12 0	...	12 0	12 0	10 0
	Karnál	...	...	...	24 8	26 0	23 0	160 0	160 0	160 0	11 12	11 12	...	11 8	11 8	11 0
	Hissar	...	...	...	29 8	29 8	20 0	80 0	80 0	100 0	12 8	12 8	...	12 0	11 8	10 4
	Rohtak	...	...	...	25 0	25 0	23 8	100 0	100 0	100 0	10 10	10 10	...	10 0	9 3	10 8
	Sirsa	...	...	...	33 2	35 12	26 0	120 0	120 0	120 0	12 8	11 8	...	12 0	11 0	9 0
	Umballa	...	...	...	28 0	30 0	22 12	130 0	130 0	160 0	13 8	13 8	...	13 8	13 8	11 12
	Ludhiana	...	...	...	30 8	32 0	23 8	100 0	100 0	100 0	14 9	14 6	...	14 8	14 4	12 0
	Simla	...	...	...	20 0	21 0	17 0	90 0	90 0	90 0	10 12	10 12	...	10 1	10 1	9 0
	Jullundur	...	...	...	...	...	...	...	...	...	...	...	...	No return received		
	Hoshiárpur	...	...	...	...	...	...	...	...	...	...	...	...	15 0	13 8	11 8
	Kangra	...	...	...	30 0	29 0	23 0	100 0	100 0	120 0	16 0	11 0	...	No return received		

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT INDIA FOR THE 1st HALF OF MAY 1882—*continued*.

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

Provinces.	Districts.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholum, Jowar), *Holcus Sorghum*. Present fortnight.	Great Millet (Cholum, Jowar), *Holcus Sorghum*. Past fortnight.	Great Millet (Cholum, Jowar), *Holcus Sorghum*. Corresponding fortnight of 1881.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata*. Present fortnight.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata*. Past fortnight.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata*. Corresponding fortnight of 1881.	Lesser Millets, Ragi, &c. (Kavaru, Varagu, Sawee, Cheena, Coraloo, Murhwa, Nuglee), *Panicum Miliaceum*, &c. Present fortnight.	Lesser Millets, Ragi, &c. (Kavaru, Varagu, Sawee, Cheena, Coraloo, Murhwa, Nuglee), *Panicum Miliaceum*, &c. Past fortnight.	Lesser Millets, Ragi, &c. (Kavaru, Varagu, Sawee, Cheena, Coraloo, Murhwa, Nuglee), *Panicum Miliaceum*, &c. Corresponding fortnight of 1881.	Gram. Present fortnight.	Gram. Past fortnight.	Gram. Corresponding fortnight of 1881.	Firewood. Present fortnight.	Firewood. Past fortnight.	Firewood. Corresponding fortnight of 1881.	Salt. Wholesale. Present fortnight.	Salt. Wholesale. Past fortnight.	Salt. Wholesale. Corresponding fortnight of 1881.	Salt. Retail. Present fortnight.	Salt. Retail. Past fortnight.	Salt. Retail. Corresponding fortnight of 1881.	Districts.	Provinces.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.						
Punjab—*continued*.	Amritsar [a]	23 8	24 4	21 0	49 0	49 0	31 8	...	...	...	12 8	12 8	11 8	34 4	33 4	21 8	25 8	25 8	18 8	...	...	...	33 4	33 4	22 8	85 0	85 0	90 0	14 14	14 14	...	14 6	14 6	12 6	Amritsar	Punjab—*continued*.
	Siálkot	23 8	23 0	17 8	39 0	40 0	27 8	...	...	...	16 0	16 0	13 0	28 0	28 0	18 0	24 0	23 0	16 0	...	...	...	28 0	26 0	17 12	140 0	140 0	140 0	15 0	14 8	...	14 8	14 0	12 8	Siálkot	
	Gurdáspur	32 0	32 0	23 0	38 0	35 0	30 0	...	...	...	16 0	16 0	14 0	28 0	28 0	19 0	14 0	14 0	13 0	...	...	...	33 0	33 0	22 0	120 0	120 0	120 0	13 4	13 0	...	12 8	12 8	11 0	Gurdáspur	
	Lahore	23 0	23 0	19 0	40 0	39 0	29 0	...	...	...	10 0	10 0	10 0	30 0	35 0	23 0	26 0	26 0	16 0	...	...	...	31 0	31 0	20 0	80 0	80 0	80 0	15 0	15 0	...	14 0	14 0	11 0	Lahore	
	Ferozepore [b]	21 4	22 0	19 0	38 0	40 0	28 0	...	...	...	11 0	13 0	10 0	37 0	38 0	...	36 0	32 0	...	...	...	...	33 0	33 0	23 0	70 0	70 0	80 0	13 4	13 8	...	13 0	13 8	11 8	Ferozepore	
	Gujránwála [c]	21 4	21 4	18 4	36 0	38 8	32 0	...	...	...	12 0	12 0	9 0	30 0	30 0	20 0	29 0	20 0	16 0	...	...	...	27 8	27 8	17 12	95 0	95 0	95 0	15 4	15 4	...	15 0	15 0	12 4	Gujránwála	
	Ráwalpindi	17 12	19 8	13 0	31 0	33 0	23 0	...	...	...	13 0	9 8	6 8	30 0	26 0	18 0	25 0	23 0	12 15	...	...	...	24 4	22 14	15 0	100 0	80 0	40 0	14 8	14 0	...	14 4	13 12	11 4	Ráwalpindi	
	Jhelum [d]	20 0	19 0	15 4	29 0	28 0	23 0	...	...	...	10 0	8 0	8 0	26 0	28 0	18 0	23 0	23 0	17 0	...	...	...	25 0	24 0	17 0	90 0	90 0	90 0	16 0	16 0	...	15 8	15 8	13 0	Jhelum	
	Gujrát	26 0	23 0	18 4	40 0	39 8	30 0	...	...	...	12 0	12 0	8 0	21 0	21 0	20 0	29 0	29 0	18 0	...	...	...	26 0	24 8	18 0	100 0	100 0	100 0	...*	...*	...	15 0	15 0	12 10	Gujrát	
	Shahpúr	20 0	19 0	15 0	32 0	31 8	22 8	...	...	...	12 0	12 0	10 0	21 0	22 0	17 0	20 0	20 0	16 0	...	...	...	23 0	24 0	17 0	320 0	320 0	320 0	17 0	17 0	...	16 0	16 0	14 0	Shahpúr	
	Mooltan [e]	18 0	16 8	13 4	27 0	26 0	21 0	...	...	...	10 0	10 0	8 0	24 0	21 0	13 0	24 0	24 0	12 10	...	...	...	23 8	22 0	17 8	90 0	90 0	80 0	13 12	13 8	...	13 8	13 0	12 0	Mooltan	
	Jhang [f]	21 0	19 0	15 8	28 0	30 0	22 0	...	...	...	10 0	10 0	9 0	16 0	18 0	14 0	16 0	22 0	16 0	...	...	...	21 8	21 0	18 0	200 0	200 0	200 0	14 8	14 8	...	13 12	14 0	12 8	Jhang	
	Montgomery	23 0	22 0	15 0	30 0	32 0	20 0	...	...	...	5 8	5 8	5 0	30 0	32 0	...	24 0	24 0	...	...	...	...	29 0	28 0	20 0	200 0	200 0	200 0	11 4	11 4	...	10 4	10 4	10 8	Montgomery	
	Muzaffargarh [g]	19 0	19 0	15 8	28 0	28 0	22 0	...	...	...	5 0	5 0	5 0	20 0	20 0	13 0	20 0	20 0	12 0	...	...	...	21 0	20 0	15 0	100 0	100 0	100 0	...*	...*	...	13 0	12 0	11 8	Muzaffargarh	
	Dera Ismail Khan	18 9	18 7	13 8	33 1	32 12	23 10	...	...	...	8 12	8 12	7 8	30 0	25 5	15 0	24 6	22 13	15 1	...	...	...	25 8	23 13	20 6	100 0	100 0	100 0	55 0	56 4	...	53 0	54 0	48 5	Dera Ismail Khán	
	Dera Gházi Khán	18 12	17 8	15 0	26 4	26 4	21 4	...	...	...	7 8	7 8	6 4	22 8	23 2	20 0	25 0	24 6	15 0	...	...	...	25 0	25 0	0 0	100 0	100 0	125 0	27 8	25 0	...	25 0	22 8	25 0	Dera Gházi Khán	
	Bannu	25 0	23 2	16 4	41 4	47 8	27 8	...	...	...	10 0	10 0	6 4	27 8	27 8	15 0	20 0	20 0	15 0	...	...	...	28 7	29 1	26 11	80 0	80 0	80 0	100 0	100 0	...	80 0	80 0	80 0	Bannu	
	Pesháwar	16 10	13 14	10 0	34 8	37 0	21 8	...	...	...	9 8	9 8	6 0	26 0	24 4	14 1	14 0	14 0	9 0	...	...	...	19 0	17 0	15 6	91 0	91 0	61 0	55 4	57 3	...	53 0	54 8	39 8	Pesháwar	
	Kohát	13 11	13 11	10 3	31 14	28 0	22 15	...	...	...	12 12	12 2	7 0	21 10	20 6	14 10	19 2	16 9	...	...	...	...	14 15	18 8	15 4	76 8	102 0	76 8	97 0	97 0	...	86 0	86 0	74 0	Kohát	
	Házára	...	...	13 0	34 0	32 0	25 0	...	...	...	...	14 0	6 8	32 0	30 0	17 0	...	...	...	...	...	...	18 0	...	10 8	140 0	140 0	120 0	...	...	...	12 0	11 0	9 0	Házára	
Central Provinces.	Nágpur	17 4	19 4	22 0	...	...	...	8 8	8 8	9 12	16 0	17 4	16 0	24 12	28 12	30 0	...	...	...	...	...	...	23 8	24 12	25 0	150 0	150 0	120 0	11 4	11 4	10 8	11 0	11 0	10 4	Nágpur	Central Provinces.
	Bhandára	22 0	24 8	25 4	...	...	...	11 4	9 12	9 12	21 4	20 8	17 0	24 12	23 8	24 0	...	...	...	...	...	...	31 4	34 4	29 0	...	...	...	11 0	10 0	10 8	10 8	9 12	10 0	Bhandára	
	Chánda	16 0	22 0	24 0	...	...	...	...	...	...	12 8	16 0	15 8	32 8	30 0	34 0	...	...	...	...	...	...	27 8	36 0	23 0	360 0	360 0	360 0	...	...	...	11 0	11 0	9 0	Chánda	
	Wardha	21 8	21 8	25 4	...	...	...	8 12	8 12	9 4	12 12	12 12	15 4	34 0	34 0	29 15	...	...	...	...	...	...	22 12	22 12	23 4	135 0	135 0	135 0	10 12	10 12	10 12	10 8	10 8	10 8	Wardha	
	Bálaghát	25 0	26 0	25 0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	35 0	35 0	34 0	275 0	275 0	275 0	10 0	10 8	...	10 0	10 0	9 8	Bálaghát	
	Jubbulpore	19 0	20 0	24 0	26 0	21 0	27 0	11 8	12 0	11 8	18 0	17 0	21 0	23 0	26 0	40 0	18 0	18 8	27 0	...	...	...	30 0	35 0	33 0	120 0	130 0	140 0	11 4	10 0	...	11 0	9 8	8 12	Jubbulpore	
	Sangor	22 8	24 0	30 0	...	...	31 0	8 0	8 0	8 0	10 0	10 0	11 0	...	32 0	...	...	26 0	32 0	...	...	...	29 0	30 0	39 0	160 0	160 0	160 0	9 0	8 8	...	8 12	8 4	7 12	Sangor	
	Damoh	26 8	28 0	36 8	...	...	39 0	12 12	12 12	13 4	13 12	13 12	14 8	...	...	...	...	...	...	...	...	...	39 0	39 0	46 0	200 0	200 0	200 0	9 0	8 8	7 4	8 12	8 4	7 0	Damoh	
	Seoni	24 0	24 0	26 8	...	...	...	13 8	13 8	12 8	19 8	18 0	15 8	...	...	...	...	...	...	...	...	...	30 0	29 0	35 0	220 0	220 0	200 0	9 0	7 0	5 0	8 8	6 8	4 12	Seoni	
	Mandla	28 8	27 0	28 8	...	...	...	16 0	16 0	16 0	19 0	22 8	22 8	...	...	...	...	...	...	...	...	...	50 0	57 8	55 0	256 0	256 0	256 0	...	...	...	8 0	7 8	5 8	Mandla	
	Betúl	18 8	18 0	24 0	...	...	...	9 0	7 0	12 0	10 0	10 0	13 0	24 0	20 0	40 0	...	...	...	32 0	32 0	42 0	20 0	20 0	32 0	240 0	240 0	240 0	9 8	9 8	9 8	9 0	9 0	9 0	Betúl	
	Chhindwára	22 0	22 0	22 0	...	...	...	9 0	10 0	10 0	14 0	14 0	14 0	28 0	28 0	30 0	...	...	...	30 0	30 0	36 0	18 8	18 8	25 8	200 0	200 0	200 0	9 0	9 0	9 0	8 0	9 0	9 0	Chhindwára	
	Hoshangabad	15 8	18 0	19 2	...	...	...	4 8	4 0	4 6	11 4	11 4	10 4	27 0	24 0	34 0	22 10	27 0	27 8	32 0	32 0	32 0	20 0	20 0	32 0	160 0	160 0	160 0	7 14	8 2	...	7 0	7 0	5 6	Hoshangabad	
	Narsinghpur	19 0	20 4	23 0	...	...	...	10 0	9 8	11 0	13 8	13 0	12 0	...	...	50 0	...	...	45 0	...	...	...	27 0	27 0	32 0	160 0	160 0	160 0	13 8	13 8	9 8	13 0	13 0	9 0	Narsinghpur	
	Nimár	18 0	18 0	20 0	...	...	...	...	...	...	11 8	12 8	11 4	29 7	33 11	40 0	25 5	31 8	32 1	...	...	...	31 0	35 0	44 0	160 0	160 0	160 0	13 8	13 8	6 8	8 8	8 4	6 4	Nimár	
	Raipur	31 8	38 0	42 0	...	...	...	21 8	22 4	17 0	38 0	42 0	29 8	...	...	...	...	...	...	...	...	...	22 6	23 15	26 8	160 0	160 0	120 0	13 8	13 8	9 8	13 0	13 0	9 0	Raipur	
	Sambalpur	28 0	27 0	22 0	...	...	...	36 0	38 0	30 0	52 0	52 0	43 0	...	...	...	...	...	...	...	...	...	32 0	39 0	44 0	70 0	80 0	60 0	9 0	9 4	8 12	8 12	9 4	8 4	Sambalpur	
	Biláspur	54 0	50 0	64 0	...	...	...	36 0	40 0	30 0	63 0	49 0	56 0	...	...	...	...	...	...	...	...	...	28 0	27 0	20 0	120 0	120 0	220 0	9 0	9 0	8 0	8 0	8 0	7 8	Biláspur	
British Burma.	*Arakan Division.*																																			*Arakan Division.*
	Akyab																																			Akyab
	Northern Arakan																																			Northern Arakan
	Kyoukpyoo																																			Kyoukpyoo
	Sandoway																																			Sandoway
	Pegu Division.																																			*Pegu Division.*
	Rangoon town and Hanthawaddy																																			Rangoon town and Hanthawaddy
	Tharrawaddy																																			Tharrawaddy
	Prome																																			Prome
	Irrawaddy Division.																																			*Irrawaddy Division.*
	Henzada																																			Henzada
	Bassein																																			Bassein
	Thonegwa																																			Thonegwa
	Thayetmyo																																			Thayetmyo
	Tenasserim Division.																																			*Tenasserim Division.*
	Moulmein town and Amherst																																			Moulmein town and Amherst
	Tavoy																																			Tavoy
	Mergui																																			Mergui
	Toungoo																																			Toungoo
	Shwaygyin																																			Shwaygyin
	Salween																																			Salween
		No return received																																		
Hyderabad Assigned Districts.	Secunderabad	16 12	17 12	15 15	...	...	...	7 2	7 2	7 2	9 13	9 13	10 3	24 14	24 14	22 10	27 0	27 0	...	...	...	...	19 7	18 13	22 3	130 0	130 0	125 0	11 0	10 14	9 2	10 7	10 6	8 12	Secunderabad	Hyderabad Assigned Districts.
	Bolarum	18 12	19 5	18 1	...	...	...	7 6	7 12	8 1	9 8	9 5	9 9	27 0	28 4	25 11	...	...	...	...	...	...	20 4	21 14	23 12	116 14	116 14	116 14	...	...	...	10 9	10 12	9 8	Bolarum	
	Chudderghat	15 0	15 4	9 0	...	...	...	6 8	6 8	6 0	8 8	8 8	9 0	26 0	27 0	21 0	34 0	34 8	30 8	...	...	...	19 8	20 0	24 0	80 0	80 0	80 0	...	...	...	9 8	10 8	8 8	Chudderghat	
	Amráoti	17 0	18 0	22 0	11 0	11 0	10 0	8 0	8 0	8 0	10 0	10 0	10 0	28 0	29 0	37 0	26 0	26 0	28 0	...	...	...	22 0	22 0	26 0	70 0	70 0	80 0	13 0	11 0	10 8	12 0	10 8	10 0	Amráoti	
	Akola	18 0	19 0	23 0	...	...	...	8 0	8 0	8 0	11 0	11 0	12 0	28 0	40 0	40 0	23 0	27 0	24 0	...	...	...	22 0	22 0	28 0	64 0	64 0	64 0	10 0	10 0	9 0	9 0	9 0	9 0	Akola	
	Ellichpur	14 0	15 8	21 0	12 0	12 0	12 0	6 0	6 0	8 0	8 0	8 0	10 0	22 0	22 0	30 0	21 0	21 0	26 0	7 0	7 0	7 8	22 0	22 0	28 0	64 0	64 0	64 0	...	...	...	9 0	9 0	9 0	Ellichpur	
	Buldána	20 0	20 0	26 0	...	...	...	...	...	...	11 0	11 0	11 0	32 0	32 0	42 0	30 0	30 0	38 0	...	...	...	16 0	17 0	24 0	100 0	100 0	100 0	...	...	...	9 0	9 0	10 0	Buldána	
	Wún	16 0	16 0	18 0	...	...	...	7 8	7 8	7 8	10 8	10 8	11 0	32 0	32 0	36 0	...	...	...	...	...	...	28 0	30 0	35 0	...	...	...	...	...	...	8 0	8 0	8 0	Wún	
	Basim	20 0	22 0	26 8	...	...	...	5 4	5 8	5 0	12 0	13 0	13 8	33 0	34 0	48 0	...	...	...	...	...	...	28 0	28 0	24 0	100 0	100 0	100 0	10 0	12 0	8 12	9 0	11 0	8 8	Basim	
																							28 0	31 0	28 8	64 0	64 0	64 0								

[a] Price of wheat and gram rising, jowar falling.
[b] Price of wheat, barley, rice and salt rising.
[c] Price of barley rising.
[d] Price of wheat, barley and gram falling.
[e] Price of wheat, barley, jowar, gram and salt falling.
[f] Price of wheat and gram falling, barley, bajra, jowar and retail price of salt rising.
[g] Price of gram and salt falling.
* Salt not sold wholesale.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT INDIA FOR THE 1st HALF OF MAY 1882 —*concluded.*

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

Provinces.	Districts.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholum, Jowar), *Holcus Sorghum*. Present fortnight.	Great Millet (Cholum, Jowar), *Holcus Sorghum*. Past fortnight.	Great Millet (Cholum, Jowar), *Holcus Sorghum*. Corresponding fortnight of 1881.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata*. Present fortnight.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata*. Past fortnight.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata*. Corresponding fortnight of 1881.	Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Coralao, Muriwa, Nuglee), *Panicum Miliaceum*, &c. Present fortnight.	Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Coralao, Muriwa, Nuglee), *Panicum Miliaceum*, &c. Past fortnight.	Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Coralao, Muriwa, Nuglee), *Panicum Miliaceum*, &c. Corresponding fortnight of 1881.	Gram. Present fortnight.	Gram. Past fortnight.	Gram. Corresponding fortnight of 1881.	Firewood. Present fortnight.	Firewood. Past fortnight.	Firewood. Corresponding fortnight of 1881.	Salt. Wholesale. Present fortnight.	Salt. Wholesale. Past fortnight.	Salt. Wholesale. Corresponding fortnight of 1881.	Salt. Retail. Present fortnight.	Salt. Retail. Past fortnight.	Salt. Retail. Corresponding fortnight of 1881.	Districts.	Provinces.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.			
Mysore.	Bangalore	12 2	11 15	13 7	13 12	14 5	15 2	10 2	10 0	9 13	11 3	11 11	11 5	24 3	26 11	25 1	...	...	...	24 5	27 0	33 8	32 4	31 3	40 0	84 0	96 0	90 0	13 0	12 12	10 8	12 12	12 4	10 0†	Bangalore	Mysore.
	Kolar	...	...	...	11 2	11 7	9 4	12 14	12 14	11 4	15 7	15 7	15 3	...	...	...	...	...	...	30 0	30 0	37 2	34 3	34 3	45 10	172 6	172 6	172 6	13 8	13 3	11 5	13 3	12 14	11 1†	Kolar	
	Túmkúr	14 0	14 0	15 8	14 0	12 0	16 0	12 0	12 0	12 8	13 0	13 0	14 8	...	...	...	...	...	...	27 0	28 0	48 0	36 0	38 0	49 0	340 0	340 0	340 0	10 8	12 8	12 8	10 0	12 0	12 0§	Túmkúr	
	Mysore	11 0	12 8	11 0	...	...	...	10 0	10 8	12 8	10 8	11 0	13 5	...	...	...	...	...	...	19 0	20 0	30 12	24 0	28 8	42 0	84 0	84 0	75 0	9 0	9 4	8 8	8 12	9 0	8 4‡	Mysore	
	Hassan	10 0	13 8	14 0	12 0	13 0	16 0	9 8	10 0	13 0	10 0	11 0	14 0	...	...	...	...	...	...	20 0	24 0	36 0	23 0	24 0	40 0	600 0	600 0	600 0	...	...	...	8 0	8 0	8 0‡	Hassan	
	Shimoga	14 11	14 11	14 11	15 4	15 4	16 13	10 8	10 8	13 10	12 10	12 10	16 13	27 5	27 5	48 2	...	...	...	28 14	28 6	55 10	26 4	27 5	55 10	480 0	480 0	480 0	10 8	10 0	...	9 7	9 7	8 6‡	Shimoga	
	Kadur	16 0	16 0	14 0	15 0	15 0	...	10 0	12 0	18 0	13 0	15 0	19 0	...	...	...	...	...	...	22 0	22 0	42 0	22 0	22 0	32 0	64 0	64 0	60 0	...	...	...	8 0	8 0	9 0‡	Kadur	
	Chitaldroog	16 0	16 0	16 0	18 0	20 0	20 0	11 0	11 0	12 0	12 0	12 0	13 0	32 0	36 0	60 0	28 0	31 0	48 0	37 0	37 0	57 10	24 0	30 0	48 0	100 0	100 0	100 0	12 0	12 0	12 0	12 0	12 0	12 0§	Chitaldroog	
Coorg	Coorg	9 0	9 8	8 5	9 12	10 8	9 6	11 8	11 3	13 4	13 10	14 11	19 10	...	...	...	...	...	...	20 13	22 2	38 5	23 7	24 15	36 10	110 0	110 0	110 0	10 10	11 2	...	9 8	9 8	8 15	Coorg	Coorg
Central India.	Jeypore	16 4	16 0	16 0	21 0	21 8	23 0	6 0	6 0	6 8	9 4	9 0	9 8	21 0	20 0	25 0	20 0	20 0	20 0	...	...	...	19 4	20 0	19 0	...	...	...	14 5	15 0	...	13 8	14 8	11 0	Jeypore	Rajpootana.
	Kishengurh	16 12	16 12	17 0	22 12	26 0	27 8	9 0	6 8	8 0	10 0	9 0	9 0	22 0	28 0	27 0	20 8	20 8	21 0	...	...	...	23 0	24 0	26 0	...	...	...	...	...	...	16 12	16 0	12 8	Kishengurh	
	Kerrowlee	17 8	18 0	*	21 8	21 8	*	13 8	13 8	*	15 0	15 0	*	21 8	21 0	*	18 8	18 8	*	...	...	...	21 8	21 8	*	...	...	...	14 6	14 6	...	13 8	14 0	*	Kerrowlee	
	Ulwur	18 0	18 11	18 4	22 5	23 10	23 10	8 0	8 0	8 0	12 0	12 0	11 15	24 0	24 0	25 0	20 0	20 0	21 0	...	...	...	21 9	23 4	18 13	...	...	...	15 13	15 13	...	15 8	15 8	12 2	Ulwur	
	Bhurtpore (City)	18 0	17 8	17 12	24 8	25 8	23 4	6 8	6 8	6 8	11 0	11 0	7 0	27 0	27 0	24 8	20 8	21 0	19 8	...	...	...	23 0	24 0	18 0	...	...	...	14 8	14 8	...	14 0	13 8	12 4	Bhurtpore (City)	
	Ajmere	15 8	15 8	15 8	23 0	23 0	23 0	5 0	5 0	5 0	8 0	8 0	8 0	18 0	20 0	22 0	19 0	20 0	20 0	...	...	...	23 0	24 0	21 0	70 0	70 0	60 0	...	...	...	15 4	15 0	12 0	Ajmere	
	Deoli Cantonment	17 10	17 3	19 7	22 12	23 2	26 9	...	...	...	10 8	10 8	10 8	22 6	23 13	29 15	17 6	19 0	22 9	...	...	...	23 6	24 1	24 5	...	...	...	...	...	...	13 6	13 4	11 11	Deoli Cantonment	
																													Rs. A. P. per md.	Rs. A. P. per md.	Rs. A. P. per md.					
Rajpootana.	Erinpura	18 1¼	18 1¼	17 8	32 0	32 0	27 0	...	...	...	8 0	8 0	7 12	25 0	25 0	24 0	26 6	26 6	24 0	...	...	...	21 6½	21 6½	21 0	170 0	170 0	160 0	3 1 2	3 1 2	...	12 0	12 0	11 0	Erinpura	Rajpootana.
	Sirohee	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	No return received			Sirohee	
	Abu	15 12	16 4	16 12	24 0	24 0	29 8	6 8	6 0	5 9	8 0	8 0	7 12	...	...	...	17 8	18 4	20 12	...	...	...	19 0	20 0	18 3	160 0	160 0	160 0	3 8 0	3 12 0	...	10 8	10 8	10 8	Abu	
	Anadra	18 0	18 0	19 4	28 0	28 0	38 0	7 0	6 8	6 0	8 8	8 8	8 8	...	...	...	20 8	21 0	25 0	...	...	...	22 0	22 0	20 4	...	...	...	3 12 0	3 8 0	...	11 8	11 8	11 8	Anadra	
	Hilly Tracts of Meywar	22 8	23 0	26 0	30 0	30 0	46 0	...	...	...	18 0	18 0	16 0	...	...	...	...	...	...	...	...	...	27 0	28 0	36 0	†	†	†	...	...	...	12 0	12 0	8 0	Hilly Tracts of Meywar	
																													S. Ch.	S. Ch.	S. Ch.					
	Meywar (Oodeypore)	16 0½	15 10	15 10	21 7¾	21 7¾	22 10½	10 15	11 11½	9 6	...	...	...	...	...	...	...	...	...	...	...	...	17 9½	17 9½	21 14	200 0	200 0	200 0	9 12½	9 12½	...	9 6	9 4¾	8 3¼	Meywar (Oodeypore)	
	Bánswára (Meywar Agency)	25 0	25 0	30 0	...	...	...	7 8	7 8	7 8	18 12	18 12	18 12	...	...	...	...	...	...	...	...	...	37 8	42 8	60 0	...	...	...	...	...	...	11 14	11 6	8 12	Bánswára (Meywar Agency)	
	Partábgarh („)	17 5½	19 11	20 10	...	...	...	10 15	9 1	7 8	13 7	14 6	18 12	...	...	...	...	...	...	...	...	...	22 3	26 4	29 6	...	...	...	...	...	...	10 10	11 4	8 12	Partábgarh („)	
	Marwar (Jodhpore)	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	No return received			Marwar (Jodhpore)	
	Bikaneer	10 0	12 15	9 11	...	...	...	3 1	3 1	2 14	6 12	6 12	6 8	...	...	...	20 0	20 6	18 9	...	...	...	16 12	17 12	13 8	...	...	...	...	...	...	11 8	11 8	11 8	Bikaneer	
	Boondee	19 8	20 0	23 0	30 0	30 0	27 8	9 8	10 0	7 8	10 8	11 0	9 8	28 8	27 0	36 8	...	...	...	...	...	...	29 0	30 0	29 0	140 0	140 0	160 0	13 12	13 12	10 0	13 8	13 6	...	Boondee	
	Kotah	19 12	19 4	26 0	23 0	22 0	32 0	8 12	8 8	8 8	10 8	10 0	10 0	23 8	24 8	38 0	15 0	16 0	17 0	...	...	...	27 8	28 0	32 8	240 0	240 0	240 0	11 12	12 0	...	11 8	11 8	10 12	Kotah	
	Tonk	16 6	16 13	19 2	20 15	23 1	30 1	6 12	7 0	7 0	9 11	10 0	9 0	22 12	23 6	29 10	20 10	21 0	17 2	...	...	...	21 0	23 1	23 3	140 0	130 0	140 0	13 4	13 0	11 8	...	...	...	Tonk	
	Jhallawar	15 13	17 0	23 0	23 14	23 14	23 14	...	...	...	8 14	8 13¼	7 12	18 9½	18 9½	30 1¼	14 10	14 10	18 13½	...	...	...	21 14	21 10	30 3	...	...	...	9 15	9 15	...	9 11½	9 11½	8 13½	Jhallawar	
	Shahpoora	19 4	17 12	18 0	23 8	22 4	25 4	10 9	10 4	9 8	16 8	15 0	13 4	21 0	21 8	25 4	20 0	20 0	20 8	...	...	...	22 8	22 4	22 8	160 0	160 0	160 0	14 0	14 0	10 8	14 0	...	...	Shahpoora	
	Dholpur	18 1	18 1	16 15	24 14	25 6	20 0	10 2	10 2	7 14	12 6	12 6	12 6	22 12	23 8	29 8	21 1	22 0	19 2	...	...	...	23 4	23 8	18 8	...	...	...	12 15	12 15	10 11	12 3	12 8	10 1	Dholpur	
Central India.	Indore	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	No return received			Indore	Central India.
	Gwalior																																		Gwalior	
	Goona																																		Goona	
	Baghelkhand (Sutna)																																		Baghelkhand (Sutna)	

* Not received.

† Eight pies per bundle. ‡ Sea Salt. § Earth Salt.

T. C. HOPE,
Secretary to the Government of India.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

No. XVIII of 1882.

APPROXIMATE STATEMENT OF GROSS RECEIPTS AND EXPENSES OF INDIAN RAILWAYS.

Latest return received.	Railways.	Total mean length open.	Receipts for week ending 7th May 1881. Total.	Per mile open.	Total mean length open.	Receipts for week ending 6th May 1882. Total.	Per mile open.	Total Receipts from 1st April to 7th May 1881. Total.	Per mile open per week.	Total Receipts from 1st April to 6th May 1882. Total.	Per mile open per week.	Total Increase in 1882-83.	Total Decrease in 1882-83.
	Guaranteed.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
13th May 1882	Eastern Bengal ...	176	62,493	355	172	68,864	400	3,15,788	339	3,62,865	410	47,077	...
6th ditto ...	Oudh and Rohilkhand	547	97,852	179	547	1,23,583	226	5,81,851	201	5,98,853	213	17,002	...
6th ditto ...	Sind, Punjab & Delhi	676	1,71,576	254	676	1,65,782	245	10,11,519	283	10,17,701	293	6,182	...
6th ditto ...	Madras ...	858	1,02,905	120	858	1,38,748	162	6,10,266	134	7,16,559	162	1,06,293	...
6th ditto ...	South Indian ...	655	83,856	128	655	85,444	130	4,00,165	116	4,02,471	120	2,306	...
6th ditto ...	Great Indian Peninsula	1,448	6,89,043	476	1,447	9,24,470	639	41,68,937	545	50,64,743	681	8,95,806	...
6th ditto ...	Bombay, Baroda and Central India ...	444	2,89,458	652	461	2,77,789	603	14,79,775	631	14,12,419	596	...	67,356
	TOTAL ...	4,804	14,97,183	312	4,816	17,84,680	371	85,68,301	337	95,75,611	386	10,09,310	...
	State.												
13th May 1882	East Indian ...	1,507	8,82,168	585	1,507	8,78,637	583	44,32,960	556	46,89,613	605	2,56,653	...
6th May 1882	Calcutta and South-Eastern ...	28	2,435	87	28	2,463	88	15,472	104	15,560	108	88	...
13th ditto ...	Nalhati ...	27	1,163	43	27	1,431	53	6,305	44	7,111	51	806	...
6th ditto ...	Northern Bengal ...	231	29,595	128	233	34,060	146	151,528	124	1,88,520	157	36,992	...
13th ditto ...	Tirhoot ...	82	12,511	153	85	14,785	174	64,790	150	72,447	166	7,657	...
13th ditto ...	Patna-Gya ...	57	8,451	148	57	8,638	152	55,194	183	56,969	195	1,775	...
13th ditto ...	Muttra-Hathras ...	29	2,354	81	29	2,446	84	13,001	85	14,129	95	1,128	...
13th ditto ...	Cawnpore-Farukhabad	86	5,346	62	86	6,865	80	26,982	60	35,175	80	8,193	...
6th ditto ...	Dildarnagar-Ghazipur	12	1,227	102	12	1,470	122	5,169	81	5,737	93	568	...
13th ditto ...	Rajputana-Malwa ...	1,016	1,76,996	174	1,117	2,39,988	215	9,35,567	174	12,10,070	211	2,74,503	...
6th ditto ...	Wardha Coal ...	45	8,120	180	45	12,138	270	47,114	198	72,549	314	25,435	...
6th ditto ...	Nagpur & Chhattisgarh	66	9,345	142	98	26,433	270	35,990	103	1,20,590	239	84,600	...
6th ditto ...	Rangoon and Irrawaddy Valley ...	161	36,316	226	161	39,594	246	2,03,481	239	2,23,473	271	19,992	...
13th ditto ...	Sindia ...	70	4,523	65	75	5,833	78	23,812	64	33,870	87	10,058	...
13th ditto ...	Punjab Northern ...	363	53,674	148	397	51,803	130	3,98,193	207	3,46,819	176	...	51,374
13th ditto ...	Indus Valley and Kandahar ...	660	97,190	147	660	65,989	100	5,77,638	166	3,44,302	101	...	2,33,336
13th ditto ...	Muttra-Achneyra ...	...	...	...	23	1,165	51	...	...	5,893	50	5,893	...
	TOTAL ...	2,933	4,49,246	153	3,133	5,15,101	164	25,60,236	165	27,53,214	172	1,92,978	...
	Native States.												
6th May 1882	Bhavnagar-Gondal ...	192	19,742	103	194	31,089	160	1,15,257	113	1,55,910	156	40,653	...
6th ditto ...	Nizam's ...	121	17,039	141	121	16,983	140	91,683	143	89,946	145	...	1,737
22nd April 1882	Mysore ...	58	2,438	42	...	(a)...	...	(b)7,301	38	(c)16,763	62	9,462	...
	TOTAL ...	371	39,219	106	315	48,072	152	2,14,241	109	2,62,619	127	48,378	...
	GRAND TOTAL ...	9,615	28,67,816	298	9,771	32,26,490	330	1,57,75,738	310	1,72,81,057	342	15,05,819	...
	GROSS ESTIMATED EXPENSES ...	...	...	...	...	...	...	74,14,597	146	82,94,907	164	...	...
	NET RECEIPTS ...	...	...	...	...	...	...	83,61,141	164	89,86,150	178	6,25,009	...

(a) Return not received. (b) Total receipts from 1st to 23rd April 1881. (c) Total receipts from 1st to 22nd April 1882.

No. XIX of 1882.

APPROXIMATE STATEMENT OF GROSS RECEIPTS AND EXPENSES OF INDIAN RAILWAYS.

Latest return received.	Railways.	Total mean length open.	Receipts for week ending 14th May 1881. Total.	Per mile open.	Total mean length open.	Receipts for week ending 13th May 1882. Total.	Per mile open.	Total Receipts from 1st April to 14th May 1881. Total.	Per mile open per week.	Total Receipts from 1st April to 13th May 1882. Total.	Per mile open per week.	Total Increase in 1882-83.	Total Decrease in 1882-83.
	Guaranteed.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
20th May 1882	Eastern Bengal ...	176	57,855	329	172	66,687	388	3,73,643	337	4,29,552	407	55,909	...
13th ditto ...	Oudh and Rohilkhand	547	99,439	182	547	1,19,957	219	6,81,291	198	7,23,625	216	42,334	...
13th ditto ...	Sind, Punjab & Delhi	676	2,50,214	370	676	1,81,301	268	12,61,733	297	12,05,726	290	...	56,007
13th ditto ...	Madras ...	858	1,28,297	150	858	1,38,540	161	7,38,563	137	8,64,025	164	1,25,462	...
13th ditto ...	South Indian ...	655	86,663	132	655	74,114	113	4,86,828	118	4,76,725	118	...	10,103
20th ditto ...	Great Indian Peninsula	1,448	7,79,146	538	1,447	9,13,939	632	49,48,083	544	59,63,995	671	10,15,912	...
13th ditto ...	Bombay, Baroda and Central India ...	444	3,00,477	677	461	2,92,349	634	17,80,252	638	17,12,185	605	...	68,067
	TOTAL ...	4,804	17,02,091	354	4,816	17,86,887	371	1,02,70,393	340	1,13,75,833	384	11,05,440	...
	State.												
20th May 1882	East Indian ...	1,507	8,66,075	575	1,507	8,68,459	576	52,99,034	559	55,14,603	596	2,15,569	...
20th ditto ...	Calcutta and South-Eastern ...	28	2,385	85	28	1,978	71	17,857	101	17,626	102	...	231
20th ditto ...	Nalhati ...	27	1,231	46	27	1,470	54	7,536	45	8,403	50	867	...
20th ditto ...	Northern Bengal ...	231	23,904	103	233	39,430	169	1,75,432	121	2,29,598	160	54,166	...
20th ditto ...	Tirhoot ...	82	14,421	176	85	11,798	139	79,211	153	81,915	162	5,704	...
13th ditto ...	Patna-Gya ...	57	8,655	152	57	8,888	156	63,849	178	65,693	188	1,844	...
20th ditto ...	Muttra-Hathras ...	29	2,363	81	29	2,548	88	15,364	84	16,677	94	1,313	...
20th ditto ...	Cawnpore-Farukhabad	86	5,490	64	86	6,812	79	32,472	60	41,988	80	9,516	...
20th ditto ...	Dildarnagar-Ghazipur	12	1,053	88	12	1,214	101	6,222	83	6,878	93	656	...
13th ditto ...	Rajputana-Malwa ...	1,016	1,86,273	183	1,117	2,14,910	192	11,21,840	176	14,37,245	209	2,15,405	...
13th ditto ...	Wardha Coal ...	45	7,882	175	45	13,654	303	54,996	195	86,203	311	31,207	...
13th ditto ...	Nagpur & Chhattisgarh	66	9,208	140	98	24,567	251	45,198	109	1,43,359	238	98,161	...
20th ditto ...	Rangoon and Irrawaddy Valley ...	161	34,512	214	161	34,646	215	2,37,993	235	2,56,783	260	18,790	...
20th ditto ...	Sindia	70	15,245	218	75	6,027	80	39,057	89	39,445	85	388	...
20th ditto ...	Punjab Northern ...	363	56,029	154	412	57,337	139	4,54,222	199	4,03,077	172	...	51,145
20th ditto ...	Indus Valley & Kandahar	660	1,46,827	222	660	62,661	95	7,24,465	174	4,12,978	102	...	3,11,487
18th ditto ...	Muttra-Achneyra ...	...	...	...	23	1,193	52	...	...	7,078	50	7,078	...
	TOTAL ...	2,933	5,15,478	176	3,148	4,89,133	155	30,75,714	167	32,57,946	176	1,82,232	...
	Native States.												
13th May 1882	Bhavnagar-Gondal ...	192	25,652	134	194	28,086	145	1,40,909	117	1,86,328	156	45,419	...
13th ditto ...	Nizam's ...	121	16,467	136	121	18,008	149	1,08,150	142	1,07,954	145	...	196
22nd Apl. 1882	Mysore ...	58	2,984	51	...	(a)...	...	(b)7,301	38	(c)16,763	62	9,462	...
	TOTAL ...	371	45,103	122	315	46,094	146	2,56,360	110	3,11,045	126	54,685	...
	GRAND TOTAL ...	9,615	31,28,747	325	9,786	31,90,573	326	1,89,01,501	313	2,04,59,427	338	15,57,926	...
	GROSS ESTIMATED EXPENSES ...	...	...	...	...	...	...	88,83,705	147	98,20,525	162	...	...
	NET RECEIPTS ...	...	...	...	...	...	...	1,00,17,796	166	1,06,38,902	176	6,21,106	...

(a) Return not received. (b) Total receipts from 1st to 23rd April 1881. (c) Total receipts from 1st to 22nd April 1882.

GOVERNMENT OF INDIA.

LEGISLATIVE DEPARTMENT.

ABSTRACT OF THE PROCEEDINGS OF THE COUNCIL OF THE GOVERNOR GENERAL OF INDIA, ASSEMBLED FOR THE PURPOSE OF MAKING LAWS AND REGULATIONS UNDER THE PROVISIONS OF THE ACT OF PARLIAMENT 24 & 25 VIC., CAP. 67.

The Council met at Government House, Simla, on Wednesday, the 31st May, 1882.

PRESENT:

His Excellency the Viceroy and Governor General of India, K.G., G.M.S.I., G.M.I.E., *presiding*.
His Honour the Lieutenant-Governor of the Panjáb, K.C.S.I., C.I.E.
His Excellency the Commander-in-Chief, G.C.B., C.I.E.
Major the Hon'ble E. Baring, R.A., C.S.I., C.I.E.
Major-General the Hon'ble T. F. Wilson, C.B., C.I.E.
The Hon'ble C. P. Ilbert, C.I.E.
The Hon'ble Sir S. C. Bayley, K.C.S.I., C.I.E.
The Hon'ble C. H. T. Crosthwaite.
The Hon'ble W. C. Plowden.
The Hon'ble W. W. Hunter, LL.D., C.I.E.

PANJÁB UNIVERSITY BILL.

The Hon'ble MR. ILBERT, on behalf of the Hon'ble Mr. Gibbs, moved for leave to introduce a Bill to establish and incorporate the University of the Panjáb. He said:—

"As the principles of this Bill have been long under consideration, and as its provisions will have to be carefully considered in Select Committee, I think it will suffice if, on the present occasion, I state very shortly the circumstances which have led to its introduction and the main objects at which it aims.

"It appears that, in the year 1869, the Governor General in Council sanctioned the establishment at Lahore of an institution, which was at first styled the Lahore University College, but which subsequently took the name of the Panjáb University College. This sanction was stated to have been given in accordance with the recommendations of the Lieutenant-Governor, and in part fulfilment of the wishes of a large number of the chiefs, nobles and influential classes of the Panjáb. The special objects of the Lahore University College were stated in its original Statutes to be—

"'(1) to promote the diffusion of European science, *as far as possible*, through the medium of the vernacular languages of the Panjáb; and the improvement and extension of vernacular literature generally;

"'(2) to afford encouragement to the enlightened study of Eastern classical languages and literature; and

"'(3) to associate the learned and influential classes of the Province with the officers of Government in the promotion and supervision of popular education.'

"I am reading now from the *Panjáb Government Gazette* of the 23rd of December, 1869—

"'The above are the special objects of the institution; but at the same time every encouragement will be afforded to the study of the English language and literature, and in all subjects which cannot be completely taught in the vernacular, the English language will be regarded as the medium of examination and instruction.'

"The College was to have the power of conferring, after examination, certificates of proficiency in literature and science, but was not to be a University, and was not to have the power—and has not the power—of granting degrees of the same kind as those granted by the Universities of Calcutta, Bombay and Madras. However, expectations were held out by the Government that, if the institution met with due success, it might hereafter be raised to the status of a University.

"Well, the institution grew and prospered. It received, from time to time, very large sums of money from the nobles and influential classes of the Panjáb, and it has increased in numbers and in the efficiency of its education. Under these circumstances, the Government have come to the conclusion that the institution has attained that degree of success which would warrant effect being given to the expectations held out at the time of its establishment; and it is determined, in accordance with what appears to be the almost universal wish of those natives of the Panjáb who are interested in education, to constitute a University for the Panjáb. That is the object of the Bill which I am now asking leave to introduce.

"The Bill establishes the University, and confers upon it the powers of a body corporate. It provides for the transfer to the University of all the property at present held by or in trust for the University College. It deals with the constitution of the University, and provides that the Governor General, for the time being, shall stand to it in the relation either of a patron or visitor—the exact term is not yet settled; that there shall be a Chancellor, who is to be the Lieutenant-Governor of the Panjáb for the time being, a Vice-Chancellor and a body of Fellows. These Fellows are to be of three classes—first, the holders, for the time being, of certain offices, who are to be *ex officio* Fellows; secondly, persons appointed by the Chancellor as being eminent benefactors of the Panjáb University, original promoters of the movements in favour of the Panjáb University College, or persons distinguished for attainments in literature, science or art, or by zeal in the cause of education; and, thirdly, the representatives for the time being with the Government of the Panjáb of such independent Native Chiefs as the Lieutenant-Governor may, by notification in the Gazette, specify. The Schedule to the Bill contains a list of the persons who are to be deemed to be the first Fellows appointed under the Act. Then there are provisions as to the Senate and matters connected with it. There is a power given to the Senate to appoint and remove all examiners, officers and servants of the University. The Bill empowers the Senate to confer certain degrees; but it restricts the exercise of the power to confer the degrees of Bachelor of Laws, Licentiate of Medicine, Doctor of Medicine and Master of Civil Engineering until the Governor General has given his assent to the exercise of the power. Then there is a further temporary provision enabling the Senate to confer like degrees in the case of persons who may have passed during the month of May in this year such examinations of the Panjáb University College as may correspond to the degree examinations of the Panjáb University. Finally, there is a power to the Senate to levy fees, a power to confer honorary degrees in certain cases, and a power to make bye-laws generally in all matters regarding the University.

"This is an outline of the Bill which I ask leave to introduce."

The Motion was put and agreed to.

INDIAN PORTS ACT AMENDMENT BILL.

The Hon'ble MR. ILBERT also presented the Report of the Select Committee on the Bill to exempt certain vessels from the Indian Ports Act, 1875, section 38.

PETROLEUM BILL.

The Hon'ble MR. ILBERT also moved for leave to introduce a Bill to modify temporarily certain provisions of the Petroleum Act, 1881. He said:—

"This is a temporary and provisional measure, the object of which is to meet certain unexpected difficulties which have suddenly arisen in connection with the provisions of the Petroleum Act, VIII of 1881. That Act regulates the conveyance, transport and storage of petroleum and other inflammable oils, and it draws a distinction between two kinds of petroleum—one kind which is called 'dangerous petroleum,' and another kind which I may call 'ordinary petroleum.' Then petroleum is defined in the Act as including various kinds of liquids, such as rock-oil, Rangoon-oil, kerosine, and so on; but it does not include any oil used for lubricating purposes, and having its flashing point at or above 250° of Fahrenheit's thermometer. And then follows an explanation as to what is meant by the flashing point of petroleum. The flashing point means 'the lowest temperature at which the petroleum yields a vapour which will furnish a momentary flash or flame when tested with the apparatus and in the manner described in the schedule' of the Act, and that schedule describes elaborately the test to be applied and the mode of applying it. Then comes the definition of 'dangerous petroleum.' It is defined as meaning 'petroleum having its flashing point below 73° of Fahrenheit's thermometer.'

"Now the difficulty which has arisen is this. It appears that communications received by the Government of India by telegraph within the last two or three weeks afford ground for apprehending that petroleum which, when tested in America and elsewhere in the manner prescribed by the Petroleum Act, 1881, flashes at a point above 73° Fahrenheit may, when tested in the same manner on its arrival here, flash at a point below 73° Fahrenheit, and consequently have to be placed under the restrictions to which 'dangerous petroleum' is subject. These restrictions are of course much more stringent than those which apply to 'ordinary petroleum.' It has been suggested that this is probably due, not to any want of care on the part of those applying the test in either country, but to the difference of climate. Steps have been taken with a view to having the matter fully inquired into; but as this will take some time, and as it is but fair that importers should in the meanwhile be relieved from the hardship to which they are exposed, it is proposed for the present to exclude from the class of dangerous petroleum all petroleum covered by a certificate granted at the place of export and of such a description that, in the opinion of the Governor General, it may be accepted as proving that the petroleum it refers to, if tested at the place of export according to our method, would be found to have a flashing point above 73° Fahrenheit.

"Well, the object of the Bill is to provide temporarily, if this should be found necessary, for the admission of petroleum of this particular kind under the direction of the Governor General, pending the prosecution of further experiments as to what is the best test to apply; and as the Bill is short, I will ask the Secretary to read it to the Council."

MR. FITZPATRICK, the Secretary, having read the Bill,

The Motion was put and agreed to.

The Hon'ble MR. ILBERT also introduced the Bill. He said:—

"Perhaps I may take this opportunity of stating that the Bill is introduced to the Council at the special request of the Secretary of State. It may be necessary that it should become law within a short space of time; but I do not propose on the present occasion to apply for a suspension of the Rules of Business in order to carry the Bill through the Council now. The introduction of the Bill will place it at such a stage as will enable us to pass it into law at the earliest opportunity, should the necessity for doing so arise."

His Excellency THE PRESIDENT said:—"I think that the course which my hon'ble friend proposes to adopt is the correct one. Some representations in respect to this Bill have been made to the Government of India only quite recently—in the course of yesterday; and, although the Bill is introduced at the request of the Secretary of State, I think the circumstances are not such as to justify its being passed with the extreme rapidity which would result from the suspension of the Standing Orders of the Council. The introduction of the Bill will have brought it to such a stage as will admit of its passing, if necessary, at the next sitting of the Council. That I think will be sufficient to meet all the requirements of the case, and will give the public and the Government a somewhat longer time to consider the nature of the arrangements to be made under it."

The Hon'ble MR. ILBERT asked for leave to postpone the Motion that the Bill be taken into consideration, and the Motion that the Bill be passed.

Leave was granted.

The Council adjourned to Wednesday, the 7th June, 1882.

SIMLA;
The 31st May, 1882.

D. FITZPATRICK,
Secretary to the Government of India,
Legislative Department.

GOVERNMENT OF INDIA.

REVENUE AND AGRICULTURAL DEPARTMENT.

STATISTICS OF SUGAR PRODUCTION IN INDIA.

Extract from the Proceedings of the Government of India in the Revenue and Agricultural Department,—No. 505A., dated 30th May 1882.

Read the following:—

Despatch from Her Majesty's Secretary of State for India, No. 37 (Statistics and Commerce), dated 20th March 1879, transmitting a letter from Messrs. Travers and Sons, wholesale dealers in colonial produce in London, and also an extract from the *Produce Markets Review* which contains an article on the growth of sugar in India, and requesting to be furnished with a corrected and complete statement of the present State of sugar cultivation in this country.

Despatch to Her Majesty's Secretary of State for India, No. 27, dated the 5th October 1880, explaining the delay in furnishing the required information.

Read also—

Letter from the Government of Madras, No. 865, dated 23rd July 1880, and enclosures.

Endorsement from the Government of Bombay, No. 1033-I., dated 10th December 1881, and enclosures.

Letter from the Government of Bengal, No. 160, dated 27th July 1880, and enclosures.

" " " the North-Western Provinces and Oudh, No. 419, dated 6th March 1880, and enclosure.

" " " the North-Western Provinces and Oudh, No. 768, dated 8th May 1880, and enclosure.

" " " the Punjab, No. 1332, dated 12th December 1879, and enclosure.

" " Chief Commissioner of the Central Provinces, No. 2824-144, dated 7th July 1879, and enclosure.

" " " " the Central Provinces, No. 3003, dated 10th November 1879, and enclosure.

" " " " British Burma, No. 3384-391, dated 8th November 1879, and enclosure.

" " " " Mysore, No. 369-6, dated 17th April 1880, and enclosure.

" " " " Coorg, No. 682-14, dated 2nd October 1879, and enclosure.

" " Secretary for Berar to Resident at Hyderabad, No. 88, dated 20th September 1879, and enclosure.

" " Chief Commissioner of Ajmere and Merwara, No. 921, dated 2nd November 1879, and enclosure.

Circular of Officiating Director of Agriculture and Commerce, North-Western Provinces and Oudh, No. 8A., dated 7th July 1880, and enclosures.

RESOLUTION.

The papers read in the preamble contain the replies furnished by the Local Governments to the requisition of the Government of India for statistics of sugar cultivation in the territories subordinate to them. The information thus received has been summarised in an appended statement, which exhibits the area under sugar in British India and Burma, with the average yield per acre, and the estimated value of the crop.

2. The area under sugarcane is returned at 1,922,283 acres. In addition to this, 168,262 acres are under the date palm, 14,100 acres under the palmyra palm, and 2,930 under the cocoa palm, all of which yield sugar.

3. A comparison of the returns now submitted with the figures given in an extract from the *Produce Markets Review*, to which the Secretary of State drew the attention of the Government of India in 1879, shows that in the latter the area under sugar cultivation in British India is somewhat understated. Excluding Bengal, and omitting the area under the date palm and other sugar-yielding trees, the returns furnished give 1,737,925 acres of sugarcane in British India against 1,603,383 acres shown in the *Produce Markets Review*. For

Bengal, however, the conjectural estimate of 1,400,000 acres, which that journal puts forward, is seven times in excess of the 184,258 acres at which the Government of Bengal returns the area under sugarcane. Nor is the assumption on which the estimate is based a correct one. The area of Bengal is, it is true, double that of the North-Western Provinces; but a large portion of the Province is unfitted for the production of the sugarcane, or is better fitted for the cultivation of rice, jute, and other valuable staples. The tabular statement furnished by the Local Government shows that in the great Province of Orissa less than 4,000 acres are under sugar, and in several other divisions the cultivation is equally limited. Nearly half the entire area of 184,258 acres appertains to the Patna Division, a tract which adjoins and which resembles in climatic and other conditions the North-Western Provinces.

5. **No accurate statistics are available for the Native States of India; but the information before the Government of India is to the effect that very little sugarcane is grown in their territories. Rajputana and Central India are known to draw their supplies of sugar from the North-Western Provinces and the Punjab. In some parts of the Hyderabad State sugarcane is one of the staple crops, but the produce is probably not more than enough for the requirements of the population. For Mysore the returns furnished by the Chief Commissioner for 1878-79, when the Province was still under British administration, show an area of 12,694 acres under sugarcane and 29,093 acres under date palm.**

6. The acreage returns for British India may be taken as approximately accurate, with the exception of those for Bengal. The absence of agricultural statistics for that Province of a reliable character has been frequently brought to notice, and is prominently mentioned in the Report of the Famine Commission. How this defect may best be remedied is a question into which His Excellency the Governor General in Council does not propose to enter into in this Resolution. It is, however, very probable that the sugar cultivation of Bengal is understated in the present returns. The estimate made by the* Famine Commissioners on the best available evidence was over one million acres, and though the data on which this estimate was framed are not given, the Commissioners had exceptional opportunities for arriving at a correct conclusion.

* Famine Commissioners' Report, Appendix I, page 40.

7. In regard to outturn less reliance is to be placed on the figures now submitted. They are avowedly estimates of average yield; and the yield depends so greatly, not only on soil and climate, but on the character and thoroughness of the cultivation, that any attempt to arrive at an average by any method short of actual appraisement of the gross outturn of a province must be open to distrust. The estimates furnished by the several Local Governments are of this imperfect nature. This partly explains the discrepancies which they exhibit. In the North-Western Provinces, where considerable attention has been paid to agricultural statistics, the estimated yield in the several districts is variously returned between 15 and 22 cwts. of sugar per acre: for the Punjab a single estimate of 19 cwts. 1 qr. is furnished. In Bengal the average, where estimated in molasses, varies from 6 cwts. to 32 cwts., and from 2 cwts. to 28 cwts. when computed in sugar. For the Bombay Presidency the average is given at 19 cwts. of sugar, though the district returns are as conflicting as those of Bengal. An average of 4½ cwts. per acre is given for the Central Provinces; but in all probability this is much below the mark. The figures supplied by the other provinces are of the same character; and they are in many cases accompanied by explanatory notes, which show that these statistics of produce should be accepted with caution. The notes attached to the Bombay returns are especially instructive, as they furnish strong evidence that the statistics of produce supplied by the village officers are much under the real truth In the case of sugar cultivation, satisfactory estimates are exceptionally difficult to obtain, owing to the various ways in which the raw produce is disposed of. The usual process is to extract the juice by means of a simple stone or wooden mill. It is then boiled until it becomes crude or undrained sugar. If the process is carried further, the ultimate result is a small proportion of refined sugar and a large proportion of molasses. But the

greater portion of the sugar produced in India never goes beyond the unrefined stage; and in estimating the average produce it is usual to refer to sugar of this class. In some of the returns, however, where the estimate is extremely low, it is probable that the outturn in refined sugar is taken.

8. Imperfect as the information is, it is sufficient to establish the broad fact that an acre of sugar-land in India yields on an average considerably more than the 8 cwts. of unrefined sugar, at which the *Produce Markets Review* estimates the outturn. A careful memorandum has been prepared on the subject of sugar cultivation in Bengal by the firm of Messrs. Burrows, Thomson, Mylne and Company. This firm are large landowners in the district of Shahabad, and have devoted much care to improving the indigenous methods of sugar cultivation and manufacture. The Behea sugar-mill invented by them has undoubtedly proved a great success, and is gradually taking the place of the Native implement. In the memorandum alluded to $1\frac{1}{10}$ or $1\frac{1}{5}$ tons of crude sugar is stated to be the average yield of an acre of carefully cultivated land. This corresponds closely with the average of 22 cwts. given for many districts in the North-Western Provinces and Oudh, and the Government of India is inclined to think that it is as close an estimate as can be made. Though considerably less than the 2 or $2\frac{1}{2}$ tons which a sugar plantation in the West Indies is said to yield, it does not evidence such extreme inferiority in the sugarcane cultivation of this country as the *Produce Markets Review* would seem to imply. On the contrary, the cane is cultivated with considerable skill and great industry, and the profits are very considerable. Exceptional intelligence and capital are, however, engaged in the industry in the West Indian Colonies; and, apart from this, the climatic conditions of India are probably less favourable to the cane.

9. The mode of manufacture practised in India is sufficiently described in the note on the subject prepared by the Department of Agriculture in the North-Western Provinces, and in the memorandum of Messrs. Burrows, Thomson, Mylne and Company above alluded to. The Native methods of expressing the juice and manufacturing sugar are of extreme rudeness and simplicity, and in many respects inefficient and wasteful. Some improvement has, however, been effected in respect to sugar-mills; and the establishment of large sugar refineries in various parts of the country will gradually tend to better methods of manufacture. But the profits of the Native sugar-grower and manufacturer are large as it is; and crude Indian sugar, though unsaleable in the London market, finds a ready sale among the Native community. The price has risen rapidly within the last decade, as Messrs. Burrows, Thomson, Mylne and Company's memorandum shows; and in the markets of Northern India at the present date the wholesale price of undrained sugar or *gur* is Rs. $4\frac{1}{2}$ to Rs. 5 the cwt. In the returns for Bengal much higher prices than the above are shown against many districts; but in these cases, as already noticed, the produce has been returned in refined sugar, and the price of that description of sugar is given.

10. It is very difficult to arrive at the total annual production of sugar in British India. Accepting the returns of area under cane, and assuming the average yield to be somewhat under $1\frac{1}{10}$ tons of crude sugar the acre, the country has a gross production of about 2,000,000 tons. To this must be added the produce of 168,262 acres of palm trees, which may be set down at 150,000 tons. The foreign trade returns show that the supply is not equal to the demand. The quantity of Indian sugar exported to England, Ceylon, and elsewhere has considerably fallen off within the last five years, as the figures marginally noted, which give the value of the total sugar exports from Indian ports for the years 1876—81, will show. On the other hand, the sugar imports have risen from £403,556 in 1876-77 to £1,611,157 in 1880-81. The greater part of this sugar comes from Mauritius, and its consumption appears to be confined to the Bombay Presidency, where comparatively little cane is as yet grown.

	£
1876-77	925,196
1877-78	745,851
1878-79	204,360
1879-80	205,871
1880-81	311,750

11. The gross export of sugar in 1880-81 was 534,174 cwts., and the gross imports 986,321 cwts. The net import was therefore about 23,000 tons.

But as the export was confined to raw sugar, while the imports are refined sugars, the excess of the imports over the exports is greater than appears from these figures. In explanation of the dependence of India on other sugar-growing countries, it would appear that many parts of India are unfitted for the cultivation of the cane. The Bombay Presidency has to supply itself from Mauritius; and Rajputana and Central India consume the surplus produce of the North-Western Provinces and the Punjab. The increasing import and the decreasing export do not indicate the decadence of the industry in India. The area under cane has largely increasd in Upper India through the development of canal irrigation, and is reported to be extending from the same causes in Bombay. More sugar is produced in India than formerly; but the demand is much greater. Not only has the increasing prosperity of the people increased the average consumption, but sugar is now borne by rail into tracts where the cane is not cultivated, and which were formerly very scantily supplied. The profitableness of the industry is seen in the high price which the Indian cultivator can obtain for his produce; and all the evidence before the Government of India leads it to the belief that the capital invested in sugar cultivation in India is steadily increasing.

ORDER.—Ordered, that the Resolution read above be published in the Supplement to the *Gazette of India*.

APPENDIX I.

Abstract of statistics furnished in the paper read in the preamble.

Provinces.	Areas under cultivation. Sugarcane.	Date palm.	Palmyra.	Cocoanut.	Average yield of coarse sugar per acre.	Total actual produce of coarse sugar (*gur*).	Average price per cwt. of coarse sugar.	Total value in rupees.	Remarks.
	Acres.	Acres.	Acres.	Acres.	cwts. qrs. lbs.	tons.	Rs. A. P.	Rs. A. P.	
Madras ...	11,508	2,847	2,448	...	14 0 0 8 1 0 1 2 0	9,382	16 0 0	30,02,240 0 0	Sugar.
	22,484	892	11,652	2,930	23 (*a*) 0 0 66 (*b*) 0 0 18 (*c*) 0 0 59 (*d*) 0 0	73,618	6 0 0	88,34,160 0 0	Jaggery.
Bombay ...	89,065	1,001	...	...	18 0 0	76,865	9 0 0	1,38,35,700 0 0	
Bengal ...	184,258	130,725	...	...	...	(*a*) 150,783 (*b*) 21,044	(*a*) 12 2 0 (*b*) 6 8 0	3,05,64,877 8 0 27,35,720 0 0	(*a*) Sugar. (*b*) Molasses.
North-Western Provinces.	920,626	...	...	...	19 2 0	871,470	5 7 5	9,52,26,253 2 0	
Oudh ...	145,829	...	...	...	20 3 0	142,119	4 6 10	1,25,83,453 2 0	
Punjab ...	412,850	...	...	...	19 1 4	398,133	6 0 0	4,77,75,960 0 0	
Central Provinces...	93,927	...	...	...	4 2 0	19,959	8 14 4	35,51,038 12 0	
Assam ...	19,785	...	...	...	9 0 0	13,325	12 6 0	32,97,937 8 0	
British Burma ...	4,206	3,704	...	...	13 1 12	2,779	10 10 0	5,90,537 8 0	
Mysore ...	12,694	20,093	...	...	23 0 13	11,128	(*c*) 20 1 10 (*d*) 7 14 3	31,15,840 0 0	(*c*) Sugar. (*d*) Jaggery.
Coorg ...	11	...	...	...	20 0 0	...	12 3 6		
Berar ...	3,269	...	...	...	12 3 6	...	13 5 0		
Ajmere ...	1,582	...	...	...	7 0 0	575	8 0 0	92,000 0 0	
TOTAL ...	1,922,283	168,262	14,100	2,930	...	1,791,180	...	23,12,05,717 8 0	

(*a*) Sugarcane.
(*b*) Palmyras.
(*c*) Date trees.
(*d*) Cocoa trees.

APPENDIX II.

Sugar production in the North-Western Provinces and Oudh.

The area under sugarcane in the North-Western Provinces and Oudh, and the annual outturn of raw sugar.

The total area under sugarcane in the North-Western Provinces and Oudh amounts to about 1,067,000 acres, the average outturn from which is not above 25 maunds of undrained sugar (*gur* or *rab*) per acre, worth about Rs. 4-8 per maund. The total value of the annual produce is therefore about 12 crores of rupees. It is believed that this is less than half what might be obtained if the pressing out of the cane-juice and its boiling were conducted on the same principles as in the English colonies of Mauritius or the West India Islands. In proof of this belief, comparison may be made between a very careful estimate of the average outturn of sugar in the Shahjahanpur district and a very low estimate of the average outturn in West Indian and Mauritius plantations; and it must be noted that, since Shahjahanpur is one of the best sugar-producing districts in these provinces, the outturn given for it is considerably in excess of the average for the whole of the provinces, while it is believed that the figures shown for West India sugar production are considerably below the average. The comparison is therefore to the advantage of these provinces, yet it is noticeable how enormous is the loss of produce and money it points to.

The smallness of the outturn on the acreage as compared with that obtained in the West Indies and Mauritius.

2. The average outturn of sugar in the Shahjahanpur district was estimated by Mr. G. Butt, Settlement Officer, in the year 1872, as follows:—

Comparison between the East Indian and West Indian outturn.

The Shahjahanpur district taken as a type of the sugar-producing area in these provinces.

	Maunds.	Per acre. Percentage on— Cane.	Juice.	Undrained Sugar (rab).
Cane	518	...	...	...
Juice	259	50	...	...
Undrained sugar (*rab*)	55	10·6	21·2	...
or				
Compost (*gur*)	50	9·6	19·2	...
Dry sugar (*khand*)	15	2·9	5·8	27·2
Molasses (*shira*)	33½	6·4	12·8	61·

The outturn of dry sugar obtained in Shahjahanpur, and the proportion it bears to the cane-juice.

Now, leaving out of account the fact that the average produce of *cane* in Mauritius or the West Indies is nearer 810 maunds per acre than 518 maunds, and assuming the outturn of cane to be the same as that in Shahjahanpur, we have the following outturn of sugar obtained from the cane by European colonists:—

Compared with that obtained in the West Indies and Mauritius.

	Maunds.	Per acre. Percentage on— Cane.	Juice.
Cane	518	...	...
Juice	336	65 (*instead of* 50)	...
Dry sugar (answering to *khand*)	31	6 (*instead of* 2·9)	9·2 (*instead of* 5·8)
Molasses (answering to *shira*)	10	2 (*instead of* 6·4)	2·9 (*instead of* 12·8)

The two striking points of difference are—

The two leading shortcomings in the extraction of the juice and its boiling as practised in these provinces.

(i)—The much larger amount of juice extracted from the *cane* in the West Indies than in India, which is 65 per cent. on the weight of cane instead of 50.

The loss which these provinces sustain from imperfect manufacture.

(ii)—The fact that the weight of dry sugar obtained is three times the weight of the molasses, while in India the molasses amount to more than twice the dry sugar. The outturn of dry sugar per acre is 16 maunds more than in these provinces, while the outturn of molasses is 23½ maunds less. Taking Rs. 10* per maund as the price of dry sugar and Rs. 1-8 per maund as the price of molasses, the loss which these provinces experience each year may be estimated at Rs. 124-12-0 per acre, or over 13 crores of rupees on the whole area under sugarcane.

The imperfect crushing of the cane and only partial extraction of the juice.

3. Taking first into consideration the loss which results from pressing the cane insufficiently and extracting less than the full quantity of juice, it is doubtful whether much improvement can be looked for, except from the introduction of expensive crushing machinery in which the canes are pressed by steam or water power instead of by human or bullock labor as at present. Up to a comparatively recent date (50 or 60 years ago) the quantity of juice expressed in the West Indies was not much above half the weight of the cane, or 50 per cent. instead of from 70 to 85 per cent. as is the case now. The improved machinery which has effected this change is costly and complicated, and requires a larger capital to work than is at the disposal of the cultivators or sugar-boilers of this country. The iron roller mill patented

* This is the price taken by Mr. Butt, but is an extremely low one.

by Messrs. Mylne and Thompson of Bihea (more particular mention of which will be made further on) does not seem to give much improvement in this direction, and the juice expressed by it has been proved in experiment not to exceed in *quantity* that expressed by a good native mill, although it is vastly superior in quality. Until, indeed, very powerful and costly machinery be used, it appears that from 50 to 55 per cent. of juice is the most that can be expected, and this amount is as a rule now extracted from the cane.

Imperfect processes of manufacture resulting in the production of molasses instead of crystalised sugar.

4. It is with regard to the loss which results from obtaining so little dry sugar as compared with molasses that most improvement may be looked for. It is certain that were the process of sugar-boiling absolutely perfect there would be no molasses at all, but the whole produce would be in dry crystallised sugar. In other words, instead of the return per acre being—

			Rs.	A.	P.
Dry sugar, 15 maunds, worth	...	...	150	0	0
Molasses, 33½ „ „	...	...	50	4	0
Total	...		200	4	0

it would be—

Dry sugar, 40 maunds, worth	...	...	400	0	0

It is important to remember that the loss of Rs. 200 which results from molasses being formed instead of sugar is entirely due to imperfections in the boiling process. In the Mauritius and West Indies some of those imperfections have been removed by recent discoveries: others are still unremoved and hence *some* molasses are invariably formed, though their quantity only amounts to 2 per cent. on the cane juice instead of the 12·8 per cent. to which it amounts in these provinces. This is of itself sufficient to show how far native Indian sugar-boilers are behind European colonists.

The remedies of a simple character, which are advocated.

5. The notes which follow this abstract deal with the remedies of a simple nature which may be employed in this country to increase the yield of dry sugar as compared with that of molasses. It must be remembered that the good results obtained in the West Indian colonies are due in great measure to the use of expensive machinery and refining processes, and that, until these are adopted in this country, the same degree of success cannot be looked for. At the same time, it is the opinion of many men practically acquainted with the subject that a great deal of the loss in Indian sugar-boiling results from errors in the process followed which can very easily be altered, and it is with alterations of a simple and inexpensive nature that the following notes are concerned. They have no pretence to being exhaustive, and are published with the object of stimulating experiment quite as much as of affording instruction.

The two chief causes which contribute to the formation of molasses.

6. The two causes which appear to contribute most in native sugar-boiling towards the formation of molasses at the expense of crystallised sugar appear to be—

(i) **the acidification of the cane-juice before it is boiled;**
(ii) **the overboiling of the cane-juice.**

(i) The acidification of the cane-juice.

7. (i) *The acidification of the cane-juice.*—Cane-juice rapidy acidifies if exposed to the air and the warmer the air is, the more difficult it is to prevent this. Hence it is that so poor an outturn of sugar is obtained from juice which is expressed and boiled late in the season. It is important, therefore, that the raw juice should be exposed to the air as little as possible, and should be transferred to the boiling-pan with the smallest possible delay. Cutting up the cane into small pieces before pressing it (as is necessary in working with the native *kolhu*) promotes acidification, since the juice contained in each few inches of cane is more or less exposed to the air through the open ends of the pieces. By the Bihea iron roller mill the canes are pressed whole, and one cause of acidification is therefore done away with. Another cause which hastens acidification is the presence in the juice of vegetable acids, which are due in great part to the *grinding* process to which the canes are subjected in the *kolhu* instead of the clean *nip* which is sufficient to expel the cane-juice. By the trituration of the *kolhu* substances other than the cane-juice are pressed out in large quantities, while the even pressure of the roller mill drives out a much less proportion of them. Hence the juice which is expressed by the Bihea roller mill is invariably cleaner and better coloured than that expressed by the *kolhu*. But in any case it is most important that the juice should be strained through a linen cloth as soon after being pressed out as possible, and it is much recommended that the vessel into which the juice runs from the mill should be fumigated before each use by being held inverted over a burning sulphur match. This is said to give excellent results.

Causes of acidification, and remedies for them.

8. The acidification which results from exposure to the air, or the admixture of foreign substances, may to some extent be corrected by the use of alkalies, such as lime and carbonate of soda, or by clearing the juice by letting fine earth sink through it. Lime is generally employed by European sugar-boilers in the proportion of ½ per cent. on the weight of juice. The juice should be warmed after the lime has been added, but in no case heated to boiling point and the crust which rises to the surface should be removed. The action of the carbonate of soda (*sajji-matti*) which is sometimes used by native sugar-boilers is somewhat similar, but it is not to be recommended so much as lime. Cane-juice is purified by earth, by adding sifted earth to it before boiling and allowing the earth to sink through it. The juice may then be drawn off through holes in the side of the vessel, so as to avoid disturbing the earth when it has once settled.

(ii) Over oiling of the cane-juice.

9. (ii) *Overboiling of the cane-juice.*—This is probably the chief source of the uncrystallized molasses, and is the danger most difficult to guard against. It is more or less

avoided in European factories by the use of machinery through which the cane-juice is boiled in a vacuum and the water evaporated and sugar crystals formed at a much lower temperature than is possible if the boiling-pan is exposed to the air. In default of the vacuum-pan various suggestions are made in the appended notes which are not always in unison. For instance, the use of a *deep* pan is recommended by one person of experience, while another ascribes the superior quality of Bihia sugar to the *shallow* pans which are in general use there. The best of all systems appears to be that adopted in some parts of these provinces by the wealthier sugar-boilers, in which five pans instead of one are used. The pans are arranged in a row over a long furnace, each pan being on a little lower level than the one to the right of it, and the pans decreasing from right to left in size, as well as in the heat which is applied to them. The juice is first of all poured into the largest pan, heated but slightly, and then transferred by a ladle from pan to pan down the series till it is finally concentrated in the smallest and hottest pan. This is the system still followed in some West Indian plantations, and although far inferior to the processes which have resulted from recent discoveries, is still much superior to the single boiling-pan, whether it be deep or shallow, which is used over so large a portion of these provinces.

Synopsis of the reforms proposed.

10. The modifications in the process of extracting and boiling the juice which appear therefore to be most recommended are—

(*a*) the substitution of a roller mill (such as the Bihia) for the *kolhu*, and crushing the canes in whole lengths instead of in pieces;
(*b*) greater cleanliness in all the vessels used for receiving the juice from the mill;
(*c*) fumigating with sulphur the vessel into which the juice runs from the mill;
(*d*) straining the juice;
(*e*) mixing ½ per cent. of lime with it before boiling, heating it slightly, and removing the crust which forms;
(*f*) boiling the juice in five pans instead of one.

The Bihia roller mill.

11. The Bihia mill is the most effective roller mill of all which have as yet been experimented with by this Department. Its high price (Rs. 90 to Rs. 100) has been the chief bar to its adoption hitherto, although in districts where the stone *kolhu* (costing Rs. 60) is used the difference in price is not so very great, and will be more than repaid by the saving in labor and better quality of outturn which the Bihia mill affords. The saving in labor may be put at 8 annas a day, since two men and one bullock can easily take the place of the three men, two boys, and two bullocks required to work the *kolhu*. If the mill be worked steadily for three months in the year, a saving of 8 annas a day represents a total annual saving of Rs. 45, which would in two years pay the price of the Bihia mill. The difference in the quality of produce from juice expressed by the Bihia mill and *kolhu* is so great that in the Shahabad district of Bihar (in which the Bihia mill has been bought by thousands) compost (*gur*) made from the Bihia mill juice sells in the market at from 10 to 12 per cent. more than compost made from *kolhu* juice. That these advantages are gradually becoming appreciated may be judged of from the fact that the total number of these mills now working in Upper India is considerably over 9,000.

[illegible] advantages in [illegible] labor.

[illegible] in giving sugar of [illegible] quality.

Results of experiment with the Bihia mill.

12. Numerous experiments have been made to compare the working of the Bihia mill with that of the *kolhu*. The results vary very much, since the form of *kolhu* used differs a great deal in different parts of the provinces. Thus, the Bihia mill is found to work rather slower than the large *kolhu* used in the Meerut and Rohilkhund divisions, while it can easily beat the small wooden *kolhu* of the Allahabad division or the stone *kolhu* of Benares and Bihar. I subjoin the record of an experiment made by a native gentleman, Pundit Ajudhiya Parsad, of Indalpur, in the Shahjahanpur district, which is the most complete that has been received by this department:—

Description of mill.	Quantity of cane pressed.	Time taken.	Weight of waste and juice.	Refuse eliminated by straining.	Scum removed during boiling.	Quantity of undrained sugar (*rab*) which was produced.
	Mds. s. c.	Hrs.	Mds. s. c.	Mds. s. c.	Mds. s. c.	Mds. s. c.
Bihia roller mill ...	9 22 8	11	5 27 8	0 2 0	0 4 8	1 2 0
Kolhu	9 22 8	8	5 18 0	0 4 8	0 8 0	0 38 0

The results of this experiment show that the Bihia roller mill as compared with the powerful wooden *kolhu* used in the Shahjahanpur district—

(i) takes 37 per cent. more time to crush cane;
(ii) expresses 4 per cent. more juice;
(iii) gives juice containing 55 per cent. less refuse and yielding 43 per cent. less scum in boiling;
(iv) gives 10 per cent. more sugar.

If we may apply the result of this experiment to the total production of sugar in these provinces, it follows that by the substitution of the Bihea roller mills for the *kolhu* now used, the total annual produce would be increased by the value of nearly a crore and quarter of rupees.

June 10th, 1880.

J. B. FULLER,
Asst. Director, Dept. of Agriculture and Commerce.

APPENDIX III.

Memorandum on Sugar Cultivation.

Compared with Mauritius and West Indies, the cane cultivation here is of a very primitive kind, and leaves much room for improvement. Excepting in Lower Bengal, air and light is excluded from the growing canes by the gradual growth of the leaves which are allowed to remain, as they wither and dry, thus forming a dense mass into which little sun, light, or air can penetrate. In addition to this, the soil is freely and frequently irrigated, and never dug or loosened round the roots after the cane reaches a height of about three feet.

On this side of India it is the universal custom to plant or lay the cane cuttings in plough furrows about 18 inches apart, within a few inches of the surface, and hence the dense mass of leaves referred to.

In Mauritius, where cane cultivation is conducted with the greatest care and on the best known principles, the custom is the reverse of that which obtains in India. The climate of the island is more moist, and showers more frequent than in India; yet the cane-cuttings are laid deeper in the ground, and greater care taken to protect them from heat and drought. The method is as follows:—

The surface of the field is cleaned of grass and weeds with the hoe; the weeds laid, in lines four feet apart; lines of holes are dug between the rows; each hole is about 15 inches long and 9 or 10 inches deep and wide. A 9-inch space of earth is left between each hole. These holes are carefully made of a rectangular form with perpendicular sides, the earth being laid on the rows of grass and weeds.

Three cane-cuttings are laid in each hole and covered with about two inches of finely prepared earth, mixed, if necessary, with manure. This filling is repeated as the cane grows, till a ridge is formed round the cane roots leaving the ground hollow in the spaces between the ridges. All weeds and dry leaves are carefully removed or disposed of in such a way as to admit as much light and air into the field as possible. The earth round the roots is kept clean and loose. The number of cane-cuttings planted per acre in the usual native way is 16,000 and by the Mauritius 16,500, so that a better style of cultivation is secured with no loss of space.

In Lower Bengal we have observed that the dry leaves are utilised to tie round the standing canes in small lots, thus giving support to them, and access of air and light through the field.

A small experiment on the Mauritius method has been made by us at Bihea during the past year. Though on poor sandy soil, and though we were not able in this instance to give the attention needful to secure its being carried out to our satisfaction, the improvement in the appearance of the cane is so marked that the cultivators who have seen it will not believe that it is the common "mangoo" or small cane of the country, and contend that it must be some other large jât (or species). This cane is not yet ready for crushing, and comparisons as to weight of cane, weight and quantity of gur per acre, have yet to be made. There seems to be little doubt that, if a more rational method of cane cultivation were to take the place of the primitive and careless custom which obtains so generally, a very great improvement in quality and quantity would be secured.

The sugar industry of India is domestic in all its stages. Each cultivator, who has a bit of land suitable for growing sugarcane in rotation with other crops, cultivates a little plot varying from half an acre to three acres year by year, expressing the juice and converting into gur (concrete sugar) on or near the field, and selling on the spot or in the nearest bazars, much as in England and other places each small farmer threshes his own corn for market. For the gur there is a ready sale at prices which leave a handsome profit to the cultivator, and with which no central factory could compete.

Improvements in manufacture, when suggested to the people in a suitable form, do not seem to be hopeless. The Bihea Cane Mill has been gradually introduced into their confidence and has entirely superseded the native mill in this district. Its recommendations are simplicity of construction, efficiency, portability small cost in proportion to the greater quantity and better quality of the work done, and its suitability to their domestic method of manufacture. By it the canes are passed whole between vertical rollers, while for the native mill they have to be cut into lengths varying from quarter of an inch to 18 inches. The surfaces thus exposed become at once areas of fermentation, which quickly increases with exposure to the air, and the heat of the evaporating pan causing progressive destruction of the granulating quality in the juice, the quality and appearance of the gur being also much deteriorated. The introduction and adoption of the Bihea Mill by the people of this and neighbouring districts may be taken as a practical recognition by them of the loss sustained in quality by cutting the cane into small pieces, and of the gain as regard time and cost of crushing effected by the new machine. It may also be considered a first step in the direction of substantial improvement in these particulars. This is also recognized in the bazars by the higher price given for the mill gur over that from the kolha or native machine. Marwaree

merchants from the Bombay side seem to have already become aware of the commercial value of the improvement, as they have during the last three years come in considerable numbers to this district to purchase mill gur direct from the cultivators who produce it. As a machine by which the small farmer may convert the juice of his cane into a marketable concrete sugar, the shallow open pan in use in this district is much more satisfactory, and produces a far better article than the deeper pans of the North-West Provinces and those districts in Lower Bengal where concrete is made. It is saucer-shaped and very shallow, so that the evaporation of the juice is effected with a minimum risk of over-boiling or burning. The next essential step in improvement is cleanliness. For this purpose the appliances already in the hands of the people are sufficient. We have recently paid considerable attention to this very necessary matter, and have induced some of our tenants to adopt the following method :—

1st.—To wash out carefully after each filling the "churwees" or earthen vessels which receive the juice as it runs from the mill.

2nd.—To invert them over sulphur fumes for a few minutes before again using them, thus removing the germs of fermentation.

3rd.—To strain the juice as it falls into these vessels.

4th.—To defecate the contents of the evaporating pans by adding a little castor-oil, bruised castor seeds or other substance to the boiling liquor to coagulate and bring the scum to the surface, when it is carefully removed. The result of this simple and easy addition to their usual process is everywhere a surprise to the people themselves, who seem to have no idea of the deleterious effect of dirty vessels, and consequently of a constant state of active fermentation of the contents. The improvement is so considerable as to change the appearance and greatly improve the quality of the gur.

The people now begin to see that improvement is possible by means well within their reach without in any way interfering with their domestic system of manufacture or religious prejudices, and say they are ready to supply any demand which may be made for the clarified gur thus produced.

The district of Shahabad, where these improvements are in progress, is a very small portion of the cane-growing area of India with its 250,000,000 of cultivators as estimated in the paper from the *Produce Market Review*. What is being done here indicates that, without any such revolution as would be required to supplant the domestic manufacture, very great improvement may be effected. This having been established to the acknowledged benefit of the cultivators themselves in these districts, it remains only to extend similar tuition and assistance to other cane-growing districts to bring about similar results.

With improved machinery on a small scale, if the experiment does not prove successful, it will not involve very much loss or disappointment. We have for several years been trying whether cane can be profitably purchased and worked off at a central factory. Though cane has been plentiful, the distance for carriage limited, and the cultivators our own tenants, yet the price demanded by the growers, and which they can realize by making it into gur, does not encourage a continuance of the experiment.

The Rosa Sugar Works at Shahjahanpur, though situated in a cane-growing country, have not found it advisable to make arrangements for crushing cane and making refined sugar direct from the juice. They are now buying gur in this district, some three hundred miles from their works.

In our efforts in the direction of improvement, we have endeavoured to avoid the bias of foregone conclusions, and, as far as possible, to meet an unrecognised and unexpressed want in the domestic system which we found universally prevalent around us. The progress made has therefore been necessarily tentative and slow, and the area influenced comparatively limited. But it is sufficient to show that the cultivators are ready to receive suggestions of improvement, if of such nature as to be within their means combined with the instructions and assistance needful to enable the people to carry them out. We need only mention in proof of this that, during the last seven years, the cultivators have voluntarily applied for and purchased upwards of 9,000 Bihea cane mills, their total outlay for which has amounted to not less than Rs. 6,30,000.

To ensure the successful introduction of this machine, it has been necessary to teach the purchasers how to manage and use it, and to inspire them with confidence and give assurance that repairs and renewals needed, as well as accidental breakages, would be promptly dealt with.

From the traffic returns of the East Indian Railway, we find that since 1872, when the introduction of this machine commenced, the quantity of gur exported by rail from the district of Shahabad has increased from 51,400 to 1,63,000 maunds (*i.e.* from 34,000 to 3,08,000 cwts.), or nine times as much, the average yearly increase being 1,61,000 maunds or 107,000 cwts. The price of gur from 1872 to 1876 averaged Rs. 2-15-0 per maund, the increase being an addition to the income of the cane cultivators of Rs. 4,73,000 yearly, or for the last five years Rs. 23,65,000, and during the last three years the price has advanced to an average of

Rs. 3-9-0 per maund, giving a yearly increase of Rs. 5,73,562, or during the three years a sum of Rs. 17,20,000, making a total of Rs. 40,80,000 added to the earnings of the cultivators of this district during the last eight years.

The export by rail in 1872 being 51,407 maunds and produce per acre 39 maunds (= 28½ cwts.), the area under cane for this would be 1,804 acres; the average exports by rail for the years 1877, 1878 and 1879 being 4,18,103 maunds, the same rate of produce gives 14,477 acres, and adding for local consumption and export other than by rail quarter more, the total is 18,100 acres under cane, or about 32 square miles.

As cane cannot be grown in Shahabad without irrigation, the bulk of this very considerable increase of area under cane is, as far as cultivation is concerned, doubtless due to the canals. But from a manufacturing point of view, the Bihea Cane Mill claims the credit of having enabled the increase to be worked off within the time available in each season for getting the crop ready for the market, and of having at the same time greatly improved the quality and thus attracting purchasers from Bombay and other distant markets.

The cane cultivators all confess that they could not have thus extended their cane patches had they been obliged to depend on the old native machine for working off the crops. As similar increase in rate of production may not be desirable or possible in all the cane-growing districts of India, it is needless to offer any statement as to what might be the comparative results from such increase.

A like improvement in quality is, however, quite possible without in the least interfering with the domestic methods of manufacture, and affecting, as it does, the welfare and comfort of many millions of families depending on, and devoted to, agriculture; the fact of the possibility of such an improvement merits the careful consideration of Government, as well as of private individuals interested in the welfare of the ryots.

From 1864 to 1871 the average price of gur in this district was Rs 2-8-6 per maund. The average from 1872 to 1876 was Rs. 2-15-0 per maund. From 1877 to 1879 Rs. 3-9-0 per maund, the last being an increase of Re. 1 over the first period and Rs. 10 over the second. During the present season 1879-80 the price to date is about Rs. 4 per maund, being Rs. 1-8 increase over the first period ending in 1871.

It might, therefore, be safe to assume that a permanent rise of Rs. 1-4 per maund has been obtained. Suppose the average yearly export by rail does not exceed 4,20,000 maunds, and allowing a fourth more for local consumption and exports other than by rail, the total will be 5,25,000 maunds, and Rs. 6,56,000 yearly added to the agricultural wealth of the district by improvement in manufacture only.

"Hunter's Statistical Account of Bengal" gives the area of Shahabad at [illegible] measured by area the yearly increase is Rs. 1-4 per square mile. "Chambers' Encyclopædia" gives the area of British India with Oudh and Berar as 866,000 square miles. If over the whole area a proportionate increase of earnings were worked out by improvement only, the total gained would be Rs. 12,95,92,000.

The 32 square miles under cane (18,100 acres) is only ·73 of the area of the district.

We also enclose a sheet of comparative results, with notes of reference, which may be interesting and useful.

REMARKS ON THE FIGURES OF THE COMPARATIVE STATEMENT ANNEXED.

2. *Outturn of actual sugarcane per acre without leaves and succulent tops.*—The average in the best sugar-producing countries would appear to be from 25 to 30 tons per acre. In Shahabad, and probably other of the cane districts of India, the yield at present might be said to range at from 15 to 20 tons in really good seasons, and the latter return would be looked upon as very unusual.

N.B.—The Jugdispore estate outturn of cane from 9 acres of thoroughly and richly manured land (see Abstract) gave something short of 17 tons per acre; owing to the absence of canal water in June and July, and the difficulty of well irrigation, a portion of the area under cane was very inferior. However, even with thorough irrigation it is not likely that the yield would *have attained 20 tons per acre.*

3. The available data do not suggest any remark, save that it appears that the yellow cane grown in North Peru was originally imported from India, and that, whereas in India 22 to 24 lbs. of this cane will give one gallon of juice only, 11 lbs. of the same cane (presumably acclimatised) will produce a like quantity of juice in North Peru; but the gallon of juice got from the 22 lbs. gives 2 to 2¼ lbs. raw sugar, while the gallon obtained from 11 lbs. cane in Peru only yields 1·35 or 1⅛ lbs. sugar. This luxuriance is doubtless owing to richness of soil and *cheapness of guano* manure.

4. *Outturn of raw sugar per acre.*—In noted sugar-producing countries = 2½ to 3 tons per acre.

In Straits of Singapore = 3 tons per acre.

In vicinity of Calcutta = 2 tons per acre.

In Sindh (N. W. India) 1 $\frac{1}{10}$ tons per acre.

In Shahabad (Jugdispore estate experiments) $\left\{\begin{matrix}1\frac{1}{5}\\1\frac{1}{10}\end{matrix}\right\}$ tons per acre.

Deductions from data 2 (outturn of actual canes) and 4 (outturn of raw sugar) per acre.

It appears from the foregoing that Shahabad (and probably all India) yields half the weight of canes per acre, and half the weight of extract or product per acre of that produce in noted sugar countries; amongst the reasons for this are doubtless the following:—

(*a*) Absence of natural moisture or thorough and continuous artificial irrigation to produce luxuriant plants.

(*b*) Absence of very high cultivation, thorough manuring, and scientific rotation to produce rich saccharine juice in luxuriant crops.

5. *Description of outturn.*—This invariably means the crude product, containing the true or actual sugar, as well as molasses.

6. *Tons of cane per ton of outturn.*—Shahabad compares very favourably with some other countries, of which the data were availabe, *e.g.*—

Barbadoes	...	...	... 8	tons cane per ton of extract.
Antigua	...	...	... 10	,, ,,
Martinique	...	...	... 13	,, ,,
Australian	...	...	... 15	,, ,,
Shahabad	...	...	... 11	,, ,,

Deduction.—The quality of the Shahabad cane-juice, *i.e.*, its sugar-producing power, is very fair.

7. *Pounds of actual canes per gallon of juice.*—The available data are—

				lbs.
Porto Rico (Spanish colony)	...	...	...	= 10·67
Peru (North)	...	...	...	= 11·00
Shahabad (Jugdispore estate) (1)	...	...	...	= 124·00
Do. do. (2)	...	...	...	= 22·75
Do. do. (3)	...	...	...	= 22·50

Deduction.—The Shahabad canes are much drier than the others; that is, they contain less water. Hence, supposing a gallon of juice to be equally rich in all cases, double the weight of cane (entailing presumably double the labor) would have to be squeezed in Shahabad to give an outturn equivalent to that of Porto Rico or Peruvian canes. It will, however, be seen below that a gallon of Shahabad juice gives 25 to 50 lbs. more extract than that of some other countries.

8. *Raw sugar or extract per gallon of juice.*—The tabulated available data are—

Jamaica	...	...	...	1·00	lbs. per gallon.	
Antigua	...	...	...	1·00, 1·82, 2·00	,, ,, ,,	
Demerara	...	...	...	1·40, 2·19	,, ,, ,,	
Porto Rico	...	...	...	1·60	,, ,, ,,	Average = 1·50
North Peru	...	...	...	1·35	,, ,, ,,	
Natal	...	...	...	1·82, 1·92	,, ,, ,,	
Queensland	...	...	...	1·12, 1·50	,, ,, ,,	
Shahabad	...	...	...	2·00, 2·25	,, ,, ,,	= 2·12

Deductions.—The Shahabad juice gives at least 50 lbs. more of extract or raw sugar than the average of seven other countries.

9. *Extract of cane per* 100 lbs. *of cane-juice.*—The data collected show—

Barbadoes	...	...	lbs. 18 to 21 per 800 lbs. of cane-juice.
Shahabad	...	...	,, 19 to 22 ,, ,, ,,

Deductions.—**The above figures confirm the richness of the Shahabad juice.**

10. *Raw sugar or extract per* 100 lbs. *of plant canes*—

Barbadoes	...	...	13	lbs. extract per 100 lbs. canes.
Martinique	...	...	$7\frac{3}{4}$	,, ,, ,, ,,
Porto Rico	...	...	$9\frac{1}{4}$	,, ,, ,, ,,
Egypt	...	...	$8\frac{1}{2}$	,, ,, ,, ,,
Queensland	...	...	8 to 9	,, ,, ,, ,,
Shahabad	...	...	$8\frac{3}{4}$ to $9\frac{3}{4}$	,, ,, ,, ,,

The above also confirm the fair quality of the Shahabad cane-juice.

11. *Gallons of cane-juice per acre.*—Unfortunately the data are scanty, otherwise there would probably be additional proof that Shahabad sugarcane needs more moisture than it gets in order to prove luxuriant.

General Remarks.

2. The outturn of canes per acre is half that of other countries. This can only be increased by higher cultivation, rotations, manuring and irrigation. But so long as there is an abundance of cane land which will yield an average crop, giving an amount of crude sugar or gur, returning handsome profits to the cultivator of Rs. 50 to Rs. 100 per beegha for an outlay of Rs. 20 to Rs. 25, which is equal to Rs. 80 to Rs. 150 per acre for an outlay of Rs. 32 to Rs. 38, so long will the Indian cultivator rest content with the present outturn. What makes him additionally contented is the fact that, though the outturn per acre may have remained stationary, yet the cash returns per acre, owing to rise of prices, have been increased 35 to 50 per cent. within the last ten years. Besides the cultivator, others participate in the present profit from cane cultivation as it exists, *viz.*, the landowner, who gets a higher land rent for cane crops than for other staple products; the itinerant broker or "bepari," who makes a comfortable swing by buying gur on the cultivator's field and selling it at a small profit at neighbouring bazars; and the "chini" manufacturer or refiner who supplies, with handsome profits to himself, pure refined sugars to wealthy natives, who would not touch English manufactured sugars because refined with blood and bone charcoal.

To the majority of these classes, cultivators, landowners, brokers, and refiners, the return from cane cultivation and sugar manufacture, *as it now exists*, is handsome enough to satisfy them and prevent them from, if they were individually capable, attempting any improvements: they are confirmed in their conservatism and mistakes because of the rapid rise in prices.

6. **The richness of Shahabad cane-juice is confirmed by the figures. What is wanted is an increase of crop per acre, with no diminution of the richness of the juice. If there be a heavier crop, but a poorer juice, there can be no gain, but probably loss; for more work and wage is entailed in cutting, carting, squeezing, and evaporating watery cane than firm, concentrated cane. The drier the cane and more concentrated the juice, the less labor and expense in extracting.**

7-8. The yellow Indian cane exported from India to Peru, compared with existing Shahabad cane, gives better results at less expenditure of cane in Peru, *e.g.*,—

Yellow Indian cane in Peru.				Shahabad cane.
Cane per gallon of juice, lbs.	11·00	...	...	22 to 24
Extracts ,, ,, ,,	1·35	...	...	2·0 to 2·25

22 lbs. of cane would give 2·70 lbs. in Peru, whereas in Shahabad that gives 2·25 only.

The conclusion appears to be that the natural dryness of the Shahabad climate affects the yield of juice per pound of cane.

But this same cause concentrates the juice to such an appreciable extent, that while in Peru one gallon of juice will give of extract only 1·35 lbs. in Shahabad the yield as per data is 2·00 to 2·25; therefore excess extract per gallon of Shahabad juice = ·65 to ·90, so that it appears that while there is a very great initial saving in Peru in the weight of cane, and labor for carting or carrying and squeezing it (the cane yielding more juice than in Shahabad), yet in evaporation and concentration and saving of fuel Shahabad would seem to have a great advantage.

9. The concentration of the Shahabad juice and its greater density are confirmed by the figures in column 9 of the tabulated data.

10. Equal weights of Shahabad cane give nearly as much extract as any in the "table," except Barbadoes, which yields 4 per cent. more extracts.

Yield of cane per acre would not be increased without a more forcing system of cultivation, that is by plenty of manure and a method of irrigation which will force the plant upwards instead of as at present (with a uniform flow irrigation by submersion) tending to close in the root and keep the canes down.

The question of imported manure could not be entertained for a moment owing to its great cost. Not for many years, if ever, would it pay the Bengal cultivator to import costly manures. The manurial substances which exist ready to hand are very limited in quantity.

The question of manure might be solved by growing a luxuriant green crop on the cane fields, cutting it down and allowing it to rot and decompose on the land. The delay necessary for decomposition would probably be an objection.

In lieu of manuring, the Indian ryot knows very well the advantage of an open fallow, whereby the soil is turned up and allowed to "weather," that is, to absorb nutritious ingredients from the atmosphere. But save in rare cases, where the ryot is strong, has a number of relations or assistants, and three or four pairs of plough-bullocks, to cultivate thoroughly, he seldom finds time to take advantage of suitable opportunities for turning over the soil thoroughly.

The Indian ryot knows that sugarcane and paddy seedlings put down in lands that have been "weathered" always give much heavier and healthier crops. Irrigation also might be improved; that is by small parallel channels skirting the roots instead of a general flow of water completely submerging the field as at present.

The 28th February 1880. L. H. MYLNE.

Available data regarding Sugarcane in various countries and the manufactured products from it collected from various sources.

1	2	3	4	5	6	7	8	9	10	11
LOCALITY.	Canes per acre.	Kind of cane.	Outturn per acre.	Description of outturn.	Tons of canes per ton of outturn.	Cane per gallon of juice.	Raw sugar or extract per gallon of juice.	Extract per 100 lbs. of juice.	Extract per 100 lbs. of cane.	Gallons of juice per acre.
	T. cwt. qr.		T. cwt. qr. lbs.			lbs.	lbs.			
Barbadoes	30 0 0	.....	4 16 1 16	Muscovado	6¼	.....	.....	16	16·20	
Ditto	30 0 0	.....	3 15 2 11	Ditto ...	8	.....	.....	18	12·60	
Ditto	30 0 0	.....	1 11 1 0	Ditto ...	20	.....	.....	10	5·0	
Ditto	30 0 0	.....	3 5 0 0	Ditto ...	9	.....	.....	21	10·90	
Ditto	36 0 0	.....	4 2 2 0							
			2 10 0 0	Dry sugar						
			3 17 0 0	Muscovado						
Trinidad	.....	.....	2 0 0 0	Dry sugar						
				Muscovado						
Jamaica	.....	Plant canes	2 10 0 0	Ditto ...	.....	.....	1			
							1·82			
Antigua	12 15 0	.....	1 5 0 25	Concrete...	10	.....	1·0	.....	.....	1,550
							2·0			
	35 0 0						1·40			
Demerara	to	Plant canes	.....	.....	.....	.....	to			
	90 0 0						2·19			
Martinique	.....		.....	.....	16½					
					12					
Ditto and Guadaloupe	28 0 0	.....	2 5 0 0	.....	10	.....	.....	.....	7·75	.....
Porto Rico	35 0 0	Plant canes	2 10 0 0	and 200 gallons molasses.	.....	10·67	1·60	.....	9·21	
Ditto	.....	Rattoons ...	3 0 0 0							
		Yellow cane from India	4 0 0 0							
North Peru	.....	.....	.....	.....	.....	11·0	1·35			
Natal (1876-77	.....	.....	2 5 0 0	.....	.....	.....	1·75			
Natal (1877-78	.....	.....	.....	.....	.....	.....	1·87			
							1·72	.....	.....	2,920
Louisiana, Mississipi, and Texas.	20 0 0 to 35 0 0	Plant canes	.....	.....	.....	.....	.....	.....	3·30	
								2·91 to 6·24		
Louisiana	13 0 0	.....	0 15 1 12	.....	.....	.....	.....	.....	8·43	
Natal (Upper)	23 0 0	.....	1 3 2 18	.....	.....	.....	.....	.....	.....	
Ditto	36 0 0	.....	3 10 0 0	Sugar molasses ...	.....	.....	1·12	.....	7·02	
			1 0 0 0				1·21 to 1·32		to 9·24	
Queensland	35 0 0 to 80 0 0	.....	3 10 0 0	Dry sugar molasses.	.....	.....				
			2 6 0 0							
Australian	.....	Virgin cane	3 0 0 0	.....	15	.....	1·50	.....	7·30	
							1·12			
Singapore (Straits of) ...	.....	.....	3 4 1 5	Undrained sugar.	.....	.....	1·63			
Calcutta (vicinity of) ...	.....	.....	2 11 3 4	Dry sugar khour molasses.	.....	.....	1·75			
			1 3 1 1							
North-Western Provinces* ...	.....	.....	0 17 3 25							
			3 2 10 0							
Sindh, Kurrachee Collectorate.	.....	.....	1 2 0 0							
Do., Shekarpore ...	.....	.....	0 14 2 0							
Do., Hyderabad ...	.....	.....	1 2 0 0							
Jugdispore Estate, Shahabad, 1877-78.	14 1 1	Plant canes	1 4 2 11	Gur, jaggery or rab	11¼	24	1·75 to 2·00	18·75 to 20·50	8·80	[illegible]† 1,320†
Jugdispore Estate, Shahabad, 1878-79.	13 10 4	.....	1 6 1 5	Ditto ...	10½	22½	2·00	20·50	9·70	1,320†
Jugdispore Estate, Shahabad, 1878-79.	16 16 0	.....	1 8 0 0	Rab ...	11¼	22½	2·25 2·00	22·50 19·00	9·70 8·35	1,675‡

* Figures not reliable.
† From 11 acres ryots' plant taken in 57 different places. From ryots' cane about 2 1/5 acres taken from rich opium land.
‡ From home grown plot of 9 acres thoroughly manured.

The 10th February 1880. L. H. MYLNE.

REPORTS ON THE STATE OF THE SEASON AND PROSPECTS OF THE CROPS FOR THE WEEK ENDING THE 6th JUNE 1882.

GENERAL REMARKS.—More or less rain has continued to fall throughout the Madras Presidency; though still insufficient in one or two places. In Coorg the rain has been too heavy for agricultural purposes. From the Mysore State also good rain is reported.

There has also been rain in the Berars and throughout the Bombay Presidency proper, and in several districts the fall has been very heavy. Indications of the monsoon are also reported from the Central Provinces, where slight rain has occurred in some districts. British Burma has continued to receive rain in almost all districts. In Assam there has been too much rain in some parts. In Bengal good rain has fallen in all districts. In the North-Western Provinces and Oudh good rain has occurred in two districts, and smaller quantities fell in most other places. In the Central India and Rajputana States showers are reported from several places. In the Punjab a little rain has occurred in three dirtricts.

Excepting one or two limited tracts, where either more rain is required or too much has fallen at once, agricultural prospects seem on the whole to be favourable throughout the Madras and Bombay Presidencies, as well as in Mysore, in Coorg, and in Berar; and ploughing and sowing are progressing. Ploughing has also commenced in the Nizam's Territories and in the Central Provinces. In Assam ploughing and sowing continue, and in one district (Sylhet) a sudden rise of the rivers is endangering the late sown rice on the lowlands. In Bengal prospects are favourable in all districts; early rice and jute have already been sown; sugarcane and indigo are doing well; and ploughing and sowing for *kharif* crops are progressing rapidly. In the North-Western Provinces and Oudh sugarcane is being irrigated in parts, and preparation of land for the *kharif* has begun in a few districts. In the Punjab the outturn of the late *rabi* crops is being garnered in some districts, and in others *kharif* operations have begun.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Madras—(June 7th)		
Bellary ...	1·05 (average of six stations).	Standing crops good; harvest paddy and sugarcane, outturn paddy below average, sugarcane average; fever and small-pox in parts.
Kurnool ...	·51 (average of ten stations).	Standing sugarcane and indigo suffering from want of water in parts; small-pox and cattle-disease in parts.
Ganjam ...	·56 (average of two stations).	Standing wet and dry crops thriving; small-pox, fever, and cholera prevalent; cattle-disease exists.
Kistna ...	·99 (average of eleven stations).	Fever, small-pox, and guinea-worm in parts; cattle-disease continues.
Chingleput (Madras) ...	·70 (average of five stations).	Standing crops good where water available, withering elsewhere; harvest paddy, yield below average; agricultural operations progressing; cholera and small-pox in parts.
Coimbatore ...	·78 (average of eleven stations).	Standing crops generally good, but *cholum* attacked by insects in parts; harvest paddy and dry grains, yield paddy below average, rest average; cholera, small-pox, and fever in parts.
Tanjore ...	·46 (average of nine stations).	Standing crops generally good; harvest chillies, outturn average.
Madura ...	·79 (average of eight stations).	Standing crops fair; fever and cholera in parts.
Malabar ...	2·82 (average of fourteen stations).	Sowing first crop nearly over in parts; small-pox, cholera, fever, and cattle-disease in parts.
Travancore ...	2·29	Ploughing and sowing progressing; fever prevalent. *General Remarks.*—General prospects good.
Bombay—(June 7th)		
Kurrachee ...	No rain	River at Kotri on 5th, 8 feet 11 inches against 10½ feet on corresponding date last year; small-pox in Kurrachee town; wheat, red rice, and *bajri* in Kurrachee 22, 40 and 36, in Dadu 32 and 40, in Tatta 24, 46 and 48, and in Jati 20, 52 and 44 lbs. per rupee, respectively.
Hyderabad ...	.....	River rising; *kharif* operations general throughout the district; hot winds with much dust still continue; nights cool; slight fever in three talukas; wheat 24, *juari* 45, *bajri* 40, red rice 34, and white rice 22 lbs. per rupee.
Ahmedabad ...	1·46	Cholera—in Viramgaum 203 cases, 106 deaths, total 336 cases, 165 deaths; slight cholera in Sanand and Daskrohi; wheat 26 and *bajri* 29 lbs. per rupee.
Baroda ...	·87	Health good; *bajri* 30 and common rice 23 lbs. per rupee.
Surat ...	3·90	Preparation for cultivation continues; cholera in Surat, 1 death; *juari* 32 lbs. per rupee.
Násik ...	Heavy rain in all talukas—average fall, 4·61; maximum Igatpuri, 9·64; minimum Kalwan, 1·64.	Small-pox at Trimbak; *bajri* 33½ and wheat 28½ lbs. per rupee.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Bombay—*contd.*		
Colaba (Bombay) ...	Rain every day, except on 1st; heavy from 2nd to 4th; rainfall of week, 18·47.	Total rainfall to date 18·61, being 16·29 above average; average abnormal temperature *nil* on 31st and 1st, 7° cool from 2nd to 4th, and 3° cool on 5th and 6th; vapour in air normal, except on 6th when it was excessive; storms on evening of 31st and from morning of 1st to morning of 4th; abnormal wind very strong from south-east from morning of 1st to morning of 3rd; wind normal on 5th and 6th; lightning on 31st, thunder and lightning on 3rd and 4th, and continued thunderstorm on the night of the 5th.
Poona ...	Rain throughout district—maximum at Junar, 6·53; minimum at Purandhar, 2·19.	*Bajri* 41¾ and *juari* 55½ lbs. per rupee, in Poona *bajri* 36¾ and *juari* 43½ lbs. per rupee.
Ahmednagar ...	3·00 to 4·00; rain fell in most parts of district.	A flight of locusts passed through Nagar and Parner talukas; *bajri*—maximum 60 lbs. in Jhamkhed, minimum 45 in Kopergaon; *juari*—maximum 84 in Jhamkhed and minimum 54 in Kopergaon
Sholapur ...	Slight rain throughout district; ·45 in Sholapur; total rainfall 1·71	Slight cattle-disease in Sholapur, Sangola, and Malsiras; cholera, 4 cases, 1 fatal in Karmala; damage by locusts to *bagayet* crops except in Borhi and Karmala; *juari* 72 lbs. 8 tolas and *bajri* 55 lbs. 23 tolas per rupee.
Dharwar ...	Rain in all talukas—maximum at headquarters, 5·32; minimum at Hangal, ·48.	More rain wanted in Kod and break desired in Dharwar and Bankapur talukas; sowing of *kharif* crops commenced; scarcity of drinking-water still felt in Kod; cholera and locusts disappeared; public health good; rice 22 and *juari* 54 lbs. per rupee.
Kanara ...	Karwar, 13·64; total, 14·74; Kumpta, 3·57; Sirsi, ·64; Hallial, 1·84; rain fallen throughout district.	Preparing ground and sowing monsoon crop on coast and above Ghât; sugarcane thriving; small-pox slight at Bhatkal, but continues at Sidapur and in some villages of Sirsi, 4 cases in Kumpta; fever slight in two talukas; common rice in Karwar 12 seers, in district average 13¾ seers per rupee; weather rainy and squally.
Rajkot ...	Thunderstorm with little rain on 1st and 2nd.	Weather cloudy and oppressive; cholera in Navanagar, Gondal, Kotdasanjani, Vadia, and Jedpur; *bajri* 25 and *juari* 29 lbs. per rupee.
		General Remarks.—*Kharif* preparations in general progress; rain throughout presidency proper, heavy in several districts, ranging from 12 to 22 inches in the Konkan; scarcity of drinking-water in one taluka of Dharwar; slight cattle-disease, fever, and small-pox continue in some places; locusts in Sholapur; cholera in Sholapur, Satara, Belgaum, Ahmedabad, and parts of Kathiawar.
Bengal—(June 6th)—		
Chittagong ...	5·61; heavy showers throughout the district.	Weather hot; transplanting of autumn rice going on; prospects of crops good; prices steady; cholera and small-pox continue.
Dacca ...	4·90	Jute, rice, and sugarcane growing fast; fields wet.
24-Pergunnahs (Calcutta)	1·05	Lands being prepared for autumn and winter crops; sowing of early rice and jute progressing; prices of common rice stationary; public health generally good; cholera abating in Barripur subdivision.
Moorshedabad ...	2·11	Rain done much good; autumn crops promise well; harvesting of spring rice still going on; sporadic cases of cholera reported.
Rajshahye ...	1·44	Prospects of rice and jute promising; spring rice being harvested, outturn fair; cutting of *sesamum* begun; a few cases of cholera and fever reported.
Burdwan ...	0·83; rain heavy at Kálná and Kátwá, and slight at Ránigunj.	Prospects of crops favourable; cholera increasing.
Rungpore ...	6·90	Prospects of crops favourable; public health good.
Bhagálpur ...	0·78	Ploughing going on; prospects much improved by rain; cholera abated.
Purneah ...	2·50	Prospects favourable; sowing of autumn crops progressing; public health better.
Patna ...	0·92	Sowing of rice and autumn crops going on; cholera still prevalent in Barrh and Behar subdivisions, and small-pox in the latter.
Darbhunga ...	2·28	Prospects of crops very good; cholera abating in some and increasing in other places, bad near railway.
Hazáribágh ...	2·20	Weather hot and cloudy; late rain has done much good in aiding ploughing operations; general health good, with the exception of a few cases of small-pox in the interior.
Cuttack ...	1·03	Ploughing and sowing in progress; cholera prevalent.
		General Remarks.—Good rain in all the districts during the week; prospects favourable; ploughing and sowing progressing rapidly; early rice and jute were already sown, and sugarcane, *china*, and indigo doing well; *china* ready for harvest; harvesting of spring rice continues, with fair average outturn; public health improved; cholera and small-pox generally much abated.
N. W. Provinces and Oudh—		
Benares (June 6th)	0·8 in Chandausi; 0·6 in Benares.	Heavy duststorm followed by rain on the 1st, causing considerable damage to trees and houses, weather since cloudy and close; rain appears to be imminent; sugarcane being irrigated; health of man and cattle generally good; few cases of cholera reported in the city and in pargana Narwan; markets well supplied with food-grains; prices steady.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
N. W. Provinces and Oudh—*contd.*		
Cawnpore (June 6th)	Average rainfall over 0·6.	Rain beneficial to sugarcane and indigo; outturn of extra crops good; fever continues; prices slightly risen.
Allahabad („ 7th)	Showers in five tahsils during the week; to-day monsoon apparently broken; heavy rain since 5 A.M., with thunder.	Great heat; clouds gathering during the last three days, which culminated in to-day's rain; cholera increasing, chiefly north of Ganges; city healthy; cattle in good health; prices rising.
Gorakhpur („ 6th)	0·8; storm and rain on the night of the 4th.	Weather sultry; cholera slightly increased; field operations progressing; prices steady.
Jhánsi („ 5th)	Occasional light showers.	Heat excessive; thunderstorm at Sadr on the 4th; prices rising; small-pox in pargana Jhánsi, health otherwise good; cattle-disease is reported from pargana Mau.
Agra („ 6th)	*Nil*	Fever and small-pox continue in city and three parganas; general health good; indigo and sugarcane being irrigated; prices stationary.
Farukhabad („ „)	High east wind last night with a little rain.	Very sultry; health of man and cattle good; prices still rising.
Bareilly („ „)	*Nil*	Sky cloudy and rain threatening; people and cattle in good condition.
Meerut („ „)	Slight rain on 3rd, with duststorm.	Weather hot, wind changing almost daily from east to west; health of man and cattle good; supplies sufficient; exports from Ghaziabad to Delhi and Sardhana to Cawnpore; prices stationary.
Kumaun („ „)	Good rain last evening.	Weather cool; measles in some places; general health good; cattle-disease continues; prices stationary.
Lucknow („ „)	0·4 at Sadr; slight shower at Maliabad.	Wind easterly, with occasional storms; prices rising; cholera is reported from the city and the interior, a fatal case occurred in the cantonment.
Rae Bareli („ 5th)	*Nil*	Heat great, wind variable—one day east, another west; heavy clouds; cholera and cattle-disease reported from three tahsils; prices rising.
Partabgarh („ 6th)	Rain fell on 1st and again on the 5th.	Field being manured for *kharif* sowings; weather cool; prices steady; cholera increasing.
Sitapur („ „)	1·2; rain on the night of the 5th; 0·2 at Biswan.	
Fyzabad („ „)	Slight rain on Sunday at Sadr.	Sugarcane being irrigated; fields for *kharif* crops under preparation; cholera reported in the interior.
		General Remarks.—Good rain in Allahabad and Kumaun, smaller quantities fell in most other districts, which have benefited indigo and sugarcane; wind variable, with occasional storms; *kharif* sowings have commenced; prices rising in Lucknow, Rae Bareli, Allahabad, Cawnpore, Jhánsi, and Farukhabad, elsewhere stationary; cholera is reported from Benares, Fyzabad, Lucknow, and Rae Bareli and is increasing in Gorakhpur, Allahabad, and Partabgarh; some small-pox in Agra and Moradabad, and cattle-disease in Kumaun and Jhánsi.
Punjab—(June 6th)		
Delhi ...	·70	Health fair; small-pox continues in city; slight rise in prices of wheat and gram.
Hissar ...	No rain	Heat intense; sporadic small-pox at Hansi; prices stationary.
Umballa ...	·40	Health fair; prices of food-grains rising, especially wheat and gram.
Jullundur ...	·10	Health good; sugarcane sown; prices rising.
Amritsar ...	No rain	Health good; grain nearly housed; prices steady.
Sialkot ...	No rain	Health good; rinderpest abating; prices falling.
Rawalpindi ...	No rain	Health good; crops being garnered; prices rising.
Lahore ...	No rain	Health good; prices stationary.
Ferozepore ...	No rain	Health good; crops being harvested; prices fluctuating.
Mooltan ...	No rain	Health good; *rabi* crops being housed; *kharif* sowings in progress; prices fluctuating.
Dera Ismail Khan ...	No rain	Health good; *kharif* sowings in progress; prices steady.
Peshawar ...	No rain	*Rabi* crops cut and removed; health good; prices fluctuating.
		General Remarks.—Rain has fallen in the Delhi, Umballa, and Jullundur districts; health of the province generally good; prices of food-grains fluctuating.
Central Provinces—		
Nagpur (June 7th)	Some rain	Weather cool and cloudy; ground being prepared for *kharif* sowings.
Jubbulpore ...	.....	Weather cloudy and oppressive, *kharif* ploughings continue; cholera and small-pox prevalent; wheat 19 and rice 12 seers per rupee.
Saugor (June 5th)	.....	Weather hot, cloudy, and stormy; land being prepared for *kharif*; prices rising; health good.
Seoni ...	·23	Weather cloudy; cholera, small-pox, and cattle-disease prevalent; prices slightly risen.
Khandwa (June 6th)	·29	Weather close and cloudy; *kharif* preparations in progress; small-pox prevalent; prices stationary; wheat 14, *juari* 22½, and rice 11½ seers per rupee.
Hoshangabad ...	Sharp shower on 5th	Weather hot and cloudy; ploughing continues; small-pox prevalent; rice 9, wheat 14½, and *juari* 22 seers per rupee.
Raipur (June 3rd)	·70	Weather cloudy, with occasional duststorms; rice sowings progressing; health good; rice 35½ seers per rupee.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Central Provinces— *contd.*		
Sambalpur (June 1st)	·45	Weather sultry, with thunderstorms; *kharif* lands being prepared; public health good; rice 52 seers per rupee. *General Remarks.*—Slight rain in most districts; weather cloudy, with indications of approaching monsoon; *kharif* ploughing general; public health improving; cholera and small-pox still prevalent in few districts; prices easy.
British Burma— (June 3rd)		
Akyab ...	1·67	Total rainfall 14·75; four fresh cases of small-pox in Akyab town; cattle-disease severe in Naaf.
Rangoon ...	2·73	Total rainfall 12·19; public health good.
Bassein ...	2·26	Total rainfall 11·83; one death from cholera in town, otherwise public health good.
Prome ...	0·70	Total rainfall 5·34; one death from cholera in Prome town and a few cases in district.
Amherst (Moulmein) ...	.....	One case of cholera in Gyaing Salween, otherwise public health good; cattle-disease continues in three townships; ploughing commenced.
Toungoo ...	2·58	Total rainfall 12·65; *small-pox in town and district, otherwise public* health good; slight cattle-disease in one township. *General Remarks.*—Small-pox in Toungoo; cholera in Thayetmyo, some scattered cases in a few other districts, otherwise public health good; cattle-disease in Akyab and Amherst.
Assam—(June 7th)		
Gauhati ...	1·98	Weather very hot; prospects of crops good; cholera abating.
Sylhet ...	8·50	Sudden rise of rivers jeopardises the late sown *amun* in low lands; cultivation proceeding rapidly; tea doing well; cattle-disease, cholera, and small-pox about.
Cachar ...	7·46	Weather changeable; incessant rainfall except on 5th and 6th, when the heat was very great; sowing of crops continues; common rice 26½ seers per rupee; 5 cases of cholera from Silchar, 3 from Lakhimpur, 6 from Halakhandi, and 2 from Kotgora reported.
Dibrugarh ...	1·15	Weather hot; prospects of *aus* paddy good; ploughing for *sali* paddy; cattle-disease still reported; public health good, except a few cases of small-pox in the North Lakhimpur subdivision.
Mysore and Coorg— (June 7th)		
Bangalore ...	·23	High winds prevailing and weather monsoonish; crops in good condition; prospects favourable; public health good; prices generally stationary.
Mysore ...	.....	Monsoon apparently broken very quietly; standing crops in good *condition*; prospects fair; prices unaltered.
Mercara ...	10·90	Monsoon set in on 2nd instant; rain in the week too heavy for agricultural *operations*; *prospects are good*; public health is good. *General Remarks.*—Rain has fallen more or less throughout the Mysore State; crops are in good condition and agricultural operations are progressing; prices are favourable; public health good; cholera decreasing in Mysore town.
Berar & Hyderabad— (June 7th)		
Amráoti ...	1·20	Ploughing operations continue; wheat 18 and *juari* 36 seers per rupee.
Akola ...	.....	Weather warm and cloudy; land under preparation.
Hyderabad (June 7th) ...	.....	Ground being prepared for coming *kharif* crops; scarcity of water and fodder is still felt in places; guinea-worm, fever, and cattle-disease prevail in a few talukas; prices of wheat 16, rice 10½, white *juari* 21½, yellow *juari* 26½, and *tur* 26½ seers per current sicca rupee.
Central India States— (June 7th)		
Indore ...	1·16	A good shower has fallen; health good; prices easy.
Morar (Gwalior) ...	No rain	Heat intense; health good; prices stationary.
Sutna ...	·21	Sky cloudy; health good.
Rutlam ...	.....	No report received.
Neemuch ...	·15	Cholera has disappeared; weather hot and high winds; prices rising.
Goona ...	No rain	Weather cloudy; health and prospects good.
Bhopal ...	·42	Weather hot; health good.
Agar ...	.....	Weather cloudy and hot; health good.
Nowgong ...	·38	Weather hot; public health good; small-pox prevalent.
Manpur ...	.....	Weather cloudy and hot, with occasional high wind; prices steady.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Rajputana—		
Abu (June 7th)	0·46	Close and sultry weather; slightly foggy.
Sirohi („ 4th)	.....	Tanks and wells fail; health good; high wind prevails.
Marwar („ 2nd)	.....	Plenty water in tanks and wells; health good; weather very hot; wind variable; clear sky; prices rising slowly; *rabi* crops harvested.
Meywar („ 3rd)	Slight shower	Tanks and wells fair; health good; ploughing commenced; cholera in district; weather sultry.
Harowti („ „)	Deoli, ·09; Kotah, ·05	Some deaths from vomiting and purging among workpeople at Panwar near Deoli, but disease stated not to be cholera; weather stormy, and wind generally westerly; water low; prices still rising.
Jhallawar (May 31st)	·04	Small-pox still lingering; weather sultry; tanks and wells low.
Ajmere (June 6th)	·12	Heat increasing; fever and diarrhœa.
Jeypore ...	.....	No report received.
Bhurtpore ...	.....	No report received.
Ulwur (June 6th)	.....	Health good; prices stationary; weather cooler.
Nepal—(June 2nd)		
Katmandu ...	4·58	Weather cool and cloudy; rain intermittent.

E. C. BUCK,
Secy. to the Govt. of India.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

BESTOWAL OF HONORARY RANK OF ASSISTANT ENGINEER ON SELECTED CIVIL UPPER SUBORDINATES OF THE PUBLIC WORKS DEPARTMENT.

[illegible] No. 1123 P.W.D., dated 1st June 1882.

RESOLUTION—By the Government of India, Public Works Department.

The Governor General in Council has had under consideration the question of improving the social status of deserving Civil Upper Subordinates of the Public Works Department, by conferring on them some distinction similar to that enjoyed by Military Upper Subordinates. Deserving men of this latter class are rewarded by having Honorary Commissions conferred on them, but there is no corresponding distinction given to Civil Upper Subordinates. Applications, which have from time to time been received from local authorities, have led the Governor General in Council to believe that the bestowal of the Honorary rank of Assistant Engineer on deserving Civil Upper Subordinates will be highly appreciated by those on whom it is conferred; also that the hope of attaining to the position will have a good effect on the Upper Subordinate class generally. In this view it has been decided to confer the Honorary rank of Assistant Engineer on selected Civil Upper Subordinates under the following rules:—

i.—The proportion of Civil Upper Subordinates on whom the distinction of Honorary Assistant Engineer is conferred may be 6 per cent. of their total number on each list with an addition of one for any fraction. The promotions will be made by Local Governments and Administrations, but in the Military Works and Railway Branches, by the Government of India, in the Military Department, on the recommendation of the Inspector General of Military Works, and in the Public Works Department on the recommendation of the Director General of Railways.

ii.—The selections for the Honorary distinction must be confined to the grades of Sub-Engineers.

iii.—The subordinates promoted as above will be borne as substantive on the list of Upper Subordinates, and in italics on the list of Engineers of the grade to which they are appointed, with the words "Honorary rank" in the column of remarks. The promotion being

purely Honorary, and given solely with the view of improving the social status of the recipient, the pay and other allowances of Honorary Assistant Engineers will be those of their substantive Departmental rank.

The honorary promotion need not necessarily be accompanied by any change of duty.

2. Similarly, the same proportion of Civil Accountants may be selected from the 1st and 2nd grades for honorary promotion to Assistant Examiners. These promotions will be made by the Government of India on the recommendation of the Accountant General, except in Madras and Bombay, where those Governments may make the promotions.

The Governments of Madras, Bombay, Bengal, North-Western Provinces and Oudh, and the Punjab, in the Public Works Department.
The Chief Commissioners, Central Provinces, British Burma, Assam, and Coorg.
The Resident, Hyderabad.
The Agents to the Governor General for Central India, Rajputana, and Beluchistan.
The Accountant General, Public Works Department.
The Director General of Railways.
The Consulting Engineers to the Government of India for Guaranteed Railways, Calcutta, Lahore and Lucknow.

ORDER.—Ordered, that a copy of the above Resolution be forwarded to the Local Governments, Administrations and Officers marginally noted for information and guidance.

Also to the Military Department, for communication to Inspector General of Military Works.

Ordered also, that it be published in the *Gazette of India*.

W. S. TREVOR, *Colonel, R.E.,*
Secretary to the Government of India.

SUPPLEMENT TO

The Gazette of India.

Nº 24. CALCUTTA, SATURDAY, JUNE 17, 1882.

OFFICIAL PAPERS.

A SUPPLEMENT *to the* GAZETTE OF INDIA *will be published from time to time, containing such Official Papers and information as the Government of India may deem to be of interest to the Public, and such as may usefully be made known.*

Non-Subscribers to the* GAZETTE *may receive the* SUPPLEMENT *separately on a payment of six Rupees per annum if delivered in Calcutta, or nine Rupees if sent by Post.

No Official Orders or Notifications, the publication of which in the* GAZETTE OF INDIA *is required by Law, or which it has been customary to publish in the* CALCUTTA GAZETTE, *will be included in the* SUPPLEMENT. *For such Orders and Notifications the body of the* GAZETTE *must be looked to.

GOVERNMENT OF INDIA AND COMMERCE.

SUPPLEMENT TO THE GAZETTE OF INDIA," DATED 27th MAY AND 10th JUNE 1882.

DEPARTMENT OF FINANCE AND COMMERCE.

SUPPLEMENT TO THE STATEMENTS OF PRICES CURRENT OF FOOD-GRAINS FOR THE 2nd HALF OF APRIL AND 1st HALF OF MAY 1882, PUBLISHED IN PAGES 796, 797, 848 AND 849 OF THE SUPPLEMENT TO THE "GAZETTE OF INDIA," DATED 27th MAY AND 10th JUNE 1882.

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

PROVINCE.	DISTRICTS.	Rice. Best sort. Present fortnight.	Rice. Best sort. Past fortnight.	Rice. Best sort. Corresponding fortnight of last year.	Rice. Common. Present fortnight.	Rice. Common. Past fortnight.	Rice. Common. Corresponding fortnight of last year.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of last year.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of last year.	Lesser Millets, Ragi, &c. (Kavaru, Veragoo, Sawee, Cheena, Coralloo, Murhwa, Nuglee, &c.), Panicum Miliaceum, Eleusine Coracana, &c. Present fortnight.	Lesser Millets, Ragi, &c. Past fortnight.	Lesser Millets, Ragi, &c. Corresponding fortnight of last year.	Bajra (Cumboo, Bajra), Penicillaria Spicata. Present fortnight.	Bajra (Cumboo, Bajra), Penicillaria Spicata. Past fortnight.	Bajra (Cumboo, Bajra), Penicillaria Spicata. Corresponding fortnight of last year.	Great Millet (Cholum, Jowar), Holcus Sorghum. Present fortnight.	Great Millet (Cholum, Jowar), Holcus Sorghum. Past fortnight.	Great Millet (Cholum, Jowar), Holcus Sorghum. Corresponding fortnight of last year.	Gram. Present fortnight.	Gram. Past fortnight.	Gram. Corresponding fortnight of last year.	Firewood. Present fortnight.	Firewood. Past fortnight.	Firewood. Corresponding fortnight of last year.	Salt. Wholesale. Present fortnight.	Salt. Wholesale. Past fortnight.	Salt. Wholesale. Corresponding fortnight of last year.	Salt. Retail. Present fortnight.	Salt. Retail. Past fortnight.	Salt. Retail. Corresponding fortnight of last year.
		S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.
	2nd half of April 1882.																																		
	ARRACAN DIVISION.																																				
	Akyab							10	4	6				20	4	18	1	17	10	324	0	324	0	50	0	50	11	50	11	45	4	22	10	22	10	23	3
	Northern Arracan							6	10	6				8	5	8	15	17	5	535	11	535	11	29	12	29	12	29	12	...	...	18	5	18	5	14	10
	Kyoukpyoo							10	6	10				24	4	15	9	20	0	139	11	139	11	32	4	32	4	32	4	...	...	18	10	18	10	28	0
	Sandoway							6	10	6				16	13	13	7	9	0	147	10	147	10	[e]	[e]	[e]	47	5	47	5	...	44	5	44	5	14	0
	PEGU DIVISION.																																				
	Rangoon town and Hanthawaddy							16	4	16	10			15	13	12	1	17	1	324	0	324	0	50	0	50	11	50	11	45	4	22	10	22	10	23	3
	Tharrawaddy							18	3	18	3	9	0	16	12	13	1	17	5	535	11	535	11	29	12	29	12	29	12	...	...	18	5	18	5	14	10
	Prome							15	1	12	1	8	12	16	12	12	1	16	2	139	11	139	11	32	4	32	4	32	4	...	...	18	10	18	10	28	0
	IRRAWADDY DIVISION.																																				
	Thonegwa							...	...	...	...	...	...	13	11	16	12	11	10	18	6	13	6	14	0	[e]	47	5	47	5	...	44	5	44	5	14	0
	Bassein							...	...	...	...	...	...	14	4	18	8	11	5	21	9	22	12	13	6	157	39	0	39	0	24	30	1	28	6	21	0
	Henzada							...	...	...	...	...	...	17	14	17	14	12	4	26	0	26	0	15	12	[f]	29	...	29	...	...	30	3	29	9	28	0
	Thayetmyo							15	1	12	1	8	12	11	11	11	11	9	10	15	9	15	9	14	0	25	39	...	29	...	...	32	1	29	9	28	0
	TENASSERIM DIVISION.																																				
	Moulmein town and Amherst							10	0	10	0	10	0	16	10	15	5	10	0	20	4	20	4	12	0	250	0	250	0	250	0	52	1	50	6	13	0
	Tavoy							...	...	...	...	...	...	13	12	13	12	10	15	21	0	21	0	17	3	428	0	428	0	428	0	36	8	36	8	29	1
	Mergui							...	...	...	...	...	...	17	5	17	5	14	0	21	12	21	12	16	13	250	0	250	0	..	..	39	5	27	3	32	0
	Shwegyin							...	...	...	...	...	...	13	13	15	15	10	2	15	9	17	9	12	4	303	0	303	0	32	0	32	0	18	9	14	8
	Toungoo							...	...	...	...	...	...	15	12	18	5	16	0	21	5	21	5	18	4	...	...	...	...	...	...	...	...	...	14	3	...
	Salween							...	...	...	...	...	...	...	...	7	14	...	...	8	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	1st half of May 1882.																																				
CENTRAL INDIA.	Indore							16	0	17	12	21	14	...	...	...	...	6	22	7	21	4	7	5	7	6	12	9	10	9	10	9	0	3	20	0	22	14	40	0	21	0	20	0	16	0	9	3	...	9	0	9	0	5	14
	Gwalior							...	...	...	...	16	13	22	6	22	7	21	4	7	5	7	6	12	9	10	9	10	9	10	9	11	0	8	22	6	22	7	21	11	17	0	11	0	10	0	11	0	...	...	...	10	11	7	9	12
	Goona							24	0	26	0	26	0	20	0	20	0	20	0	20	0	9	0	7	0	10	0	10	0	10	0	10	0	9	0	12	0	33	0	37	8	20	0	16	0	12	0	...	...	...	11	8	11	8	10	0
	Baghelkhand (Satna)							22	3	23	0	22	8	35	0	35	0	35	0	34	0	7	0	7	0	8	0	12	0	8	0	19	0	8	12	0	8	12	0	8	12	0	8	12	0	8	12	0	11	12	10	12	10	12

[a] Rs. 40 per 100 maunds. [b] Rs. 2 per 100 billets. [c] Re. 1 per cart-load. [d] Re. 1-8 per cart-load. [e] 100 logs, 18 inches long and 5 inches girth, for Rs. 10. [f] 53 billets per rupee.

T. C. HOPE,
Secretary to the Government of India.

GOVERNMENT OF INDIA.

LEGISLATIVE DEPARTMENT.

ABSTRACT OF THE PROCEEDINGS OF THE COUNCIL OF THE GOVERNOR GENERAL OF INDIA, ASSEMBLED FOR THE PURPOSE OF MAKING LAWS AND REGULATIONS UNDER THE PROVISIONS OF THE ACT OF PARLIAMENT 24 & 25 VIC., CAP. 67.

The Council met at Government House, Simla, on Wednesday, the 7th June, 1882.

PRESENT:

His Excellency the Viceroy and Governor General of India, K.G., G.M.S.I., G.M.I.E., *presiding*.
His Honour the Lieutenant-Governor of the Panjáb, K.C.S.I., C.I.E.
His Excellency the Commander-in-Chief, G.C.B., C.I.E.
The Hon'ble J. Gibbs, C.S.I., C.I.E.
Major the Hon'ble E. Baring, R.A., C.S.I., C.I.E.
Major-General the Hon'ble T. F. Wilson, C.B., C.I.E.
The Hon'ble C. P. Ilbert, C.I.E.
The Hon'ble Sir S. C. Bayley, K.C.S.I., C.I.E.
The Hon'ble C. H. T. Crosthwaite.
The Hon'ble W. C. Plowden.
The Hon'ble W. W. Hunter, LL.D., C.I.E.

PORTS ACT AMENDMENT BILL.

The Hon'ble MR. ILBERT moved that the Report of the Select Committee on the Bill to exempt certain vessels from the Indian Ports Act, 1875, section 38, be taken into consideration. He said:—

"The original object of this Bill was very limited. It was merely to exempt certain Native vessels in Bombay harbour from particular provisions of the Act as to compulsory pilotage. The Bill was referred to a Select Committee, and, whilst it was in that stage, an application was made to exempt pleasure-yachts from liability to harbour-dues. It appeared on enquiry that pleasure-yachts are exempted from such dues, not only in English waters, but, as I understand, throughout European waters, and that the amount now levied in respect of these dues in British Indian waters is so trifling as not to compensate for the trouble and annoyance caused by the levy. Under these circumstances, we have, on the recommendation of the Government of India in the Financial Department, added a section amending the Indian Ports Act in such a way as to exempt pleasure-yachts throughout British India from the payment of port-dues, and we have amended the title of the Bill in such a way as to make it correspond to its extended scope."

The Motion was put and agreed to.

The Hon'ble MR. ILBERT also moved that the Bill, as amended, be passed.

The Motion was put and agreed to.

PETROLEUM BILL.

The Hon'ble MR. ILBERT also moved that the Bill to modify temporarily certain provisions of the Petroleum Act, 1881, be taken into consideration. He said:—

"This Bill, as I stated on the occasion of the last meeting of the Council, was introduced in compliance with the request of the Secretary of State, and

for the following reasons: It will be remembered that under the Act of 1881 the dangerous quality of petroleum is ascertained by a certain chemical test, which is described in the schedule to the Act, and is commonly known as Abel's test. Now, Professor Abel has recently advised the Secretary of State that conditions of climate make the test provided by the Act of 1881—his own test be it remembered—so uncertain as to be inapplicable in India. That is a very serious statement, and it is one which appears to shake the scientific foundations on which the Act of 1881 rests; and, if it is to be accepted as sound, it is difficult to avoid the conclusion that the Act of 1881 is unsuitable, and ought to be amended as soon as possible. Under these circumstances, and in order to meet certain cases which, as it was alleged, involved considerable hardship under the existing law, the Secretary of State suggested the expediency of passing forthwith a short temporary measure admitting petroleum on certificates granted at the port of departure. In deference to this suggestion, and to the opinion of the eminent scientific authority on which it was based, we prepared and introduced the present measure.

"It will be observed that this measure is temporary, provisional, and, above all things, permissive. It is temporary, as it is contemplated that it shall, after passing, continue in force only until the first day of January, 1883, or until such later date as the Governor General in Council may by notification direct. It is, on the face of it, provisional, as it is only intended to make provision for what is to be done pending certain further scientific inquiries considered necessary. Finally, it is permissive, as it does not come into operation of its own force, but merely enables the Governor General in Council to accept certain tests other than those provided by the Act of 1881, if on inquiry he is satisfied that they are sufficient.

"Further than that we were not prepared to go. We thought that we might with safety go so far, not intending to bring the Act into operation at once, but merely to take power to modify the Act in such a way as should be found suitable if on enquiry it was considered expedient to do so. Notwithstanding the passing of the Act, we should still have had to decide in our executive capacity what effect should be given to it. However, various representations have been made to us; we are instituting further inquiry, and, on the whole, we think it expedient not to proceed, even legislatively, with the measure in such a way as to produce the appearance of undue hurry; and in particular we are anxious to consult and obtain the opinion of such bodies as the Calcutta Chamber of Commerce. I shall, therefore, only move that the Bill be taken into consideration, and I do not propose to move that the rules for the conduct of business be in any way suspended.

"The Bill will be published in the ordinary course."

Major the Hon'ble E. BARING said:—"I merely wish to say that I entirely approve of the postponement of this measure. It deals with a question which is new to myself, and possibly to other Members of Council. I think that, before it is passed into law, both this Council and the public should have some further time to consider its provisions."

The Motion was put and agreed to.

The Hon'ble MR. ILBERT asked for leave to postpone the Motion that the Bill be passed.

Leave was granted.

The Council adjourned to Wednesday, the 14th June, 1882.

D. FITZPATRICK,

Secretary to the Government of India,

Legislative Department.

SIMLA;
The 7th June, 1882.

GOVERNMENT OF INDIA.

REVENUE AND AGRICULTURAL DEPARTMENT.

REPORTS ON THE STATE OF THE SEASON AND PROSPECTS OF THE CROPS FOR THE WEEK ENDING THE 13th JUNE 1882.

GENERAL REMARKS.—The monsoon has been progressing rapidly up the western coast, and most of the provinces which usually benefit thereby have received rain: thus the Bombay Presidency, part of the Nizam's Territories, the Berars, part of the Central Provinces, and the Central India and Rajputana States record more or less heavy rainfalls. From the Bay of Bengal the monsoon is now gaining strength, and more or less rain has fallen in all parts of Orissa and the Central Provinces districts bordering thereon, as well as in all parts of Bengal proper and Behar (excepting the Patna district and Durbhunga). British Burma, too, has received heavy rain. In Southern India the rains have continued heavy in Coorg, on the Malabar Coast, and in Travancore, and fair in the greater part of the Madras Presidency and of the Mysore State. In the Mulnad portion of Mysore, however, the fall has been heavy.

In Assam the southern districts continue to receive heavy rainfall, and other parts comparatively less. In the North-Western Provinces slight rain has again fallen in nearly every district; and in the Punjab four districts have had rain.

General prospects are favourable throughout the country; crops where on the ground are doing well; and ploughing and sowing almost everywhere are progressing satisfactorily. These operations are, however, retarded somewhat in parts of the Mysore State and in some of the southern districts of Bombay by too much rain. In the Madras Presidency two districts need more rain.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Madras—(June 14th)		
Bellary ...	·67 (average of seven stations).	Standing crops good; harvest paddy and sugarcane, yield of paddy below average, of sugarcane average; small-pox and fever in parts.
Kurnool ...	·42 (average of six stations).	Standing sugarcane and indigo suffering from want of water in parts; cattle-disease in parts.
Ganjam ...	·37 (average of ten stations).	Standing (wet and dry) crops thriving; small-pox, fever, and cholera prevalent; cattle-disease exists.
Kistna ...	·61 (average of nine stations).	Small-pox and cattle-disease in parts.
Chingleput (Madras) ...	·38 (average of two stations).	Standing crops good where water available; agricultural operations progressing; cholera, small-pox, and cattle-disease in parts.
Coimbatore ...	·84 (average of eleven stations).	Standing crops generally good, but *cholum* slightly attacked by insects in parts; harvest *cholum* and gingelly, outturn average.
Tanjore ...	·27 (average of five stations).	Standing crops generally good; harvest gingelly and chillies, outturn average.
Madura ...	·56 (average of five stations).	Standing crops fair; fever and cholera in parts.
Malabar ...	20·82 (average of fourteen stations).	Sowing of first crops nearly over in parts; small-pox, cholera, and fever in parts.
Travancore ...	7·26	Ploughing and sowing nearly over; fever slightly prevalent. *General Remarks.*—General prospects good.
Bombay—(June 14th)		
Kurrachee ...	No rain	Weather cloudy and sultry; river at Kotri on 12th 13¾ feet, same as on corresponding date last year; fever in eight talukas; cattle-disease in Ghorabari; rice planting going on in Jerruck and Shahbandar divisions; water much wanted in Mirpur Botoro and Sujawal talukas; some damage to crops in Khathatappa by crabs and turtles; wheat, red rice, and *bajri* in Karachi 22, 40 and 30, in Sehwan 28, 48 and 48, in Ghorabari 16, 48 and 48, and in Sujawal 18, 48 and 48 lbs. per rupee respectively.
Hyderabad ...	Rain on 8th at Tandabago, 1·10.	River rising steadily; *kharif* operations general; hot winds still continue; wheat 24, *juari* 44, *bajri* 41, red rice 34, and white rice 22 lbs. per rupee.
Ahmedabad ...	(*Vide* remark column, which apparently includes rainfall of the week under report.)	Total rainfall 6·56; cholera—in Viramgaum 192 cases, 83 deaths, in Sanand 7 cases, 2 deaths, in Dhakroi 58 cases, 17 deaths; ploughing commenced; wheat 26 and *bajri* 29 lbs. per rupee.
Baroda ...	3·57	Total rainfall 4·44; sowings of rice commenced in Nausari; slight cholera in parts of Kari division; *bajri* 29 and common rice 23 lbs. per rupee.
Surat ...	4·26	Total rainfall 8·16; sowing commenced in places; 3 cholera deaths in Surat; *juari* 35 and *nagli* 32 lbs. per rupee.
Nasik ...	Average rainfall, 3·09; Nasik, 4·85; Igatpuri, 12·65; minimum in Yeola, 2·55.	Weather wet and windy; small-pox in Trimbak; *bajri* 33 and wheat 24 lbs. per rupee.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Bombay—*contd.*		
Colaba (Bombay) ...	Rain every day except on 9th; heavy on 11th; total of week 5·74.	Total rainfall to date 24·35, being 16·27 above average; abnormal temperature 2° cool from 7th to 10th, 5° cool on the 11th and 12th, and 3° cool on 13th; vapour in air in excess of normal on 7th, afterwards normal; gale on 11th and 12th; wind normal on 7th and 8th; abnormal wind strong from south-east on 9th and 10th, and from south-west from 11th to 13th; lightning and thunder on 11th.
Poona ...	Rain throughout district; maximum 4·36 at Indapur; minimum 1·05 at Purandhar.	Sowing operations progressing; *bajri* 41¼ and *juari* 55¼ lbs. per rupee, in Poona *bajri* 36¾ and *juari* 43½ lbs. per rupee.
Ahmednagar ...	Rain throughout the Collectorate—maximum at Jhamkhed, 6·09; minimum at Rahuri, 1·55.	Sowing of rain crops commenced in Nagar, Shrigonda, Sangamner, and Akola; large flight of locusts visited Kopergaon, Sangamner, and Parner; slight cattle-disease in Nagar and Newasa; cholera in Parner, 10 attacks, 2 deaths; *bajri*—maximum 60 lbs. in Jhamkhed, minimum 45 in Kopergaon; *juari*—maximum 84 in Jhamkhed, minimum 44 in Kopergaon.
Sholapur ...	Maximum rain in Sholapur, 11·40; minimum in Malsiras, 3·50; good rain throughout.	No fresh cholera cases; *juari* 72 lbs. 9 tolas and *bajri* 53 lbs. 33 tolas per rupee.
Dharwar ...	Rain in all talukas—maximum in Hangal, 6·40; minimum in Rannibennur, 1·45.	Break desired in Dharwar, Bankapur, Hangal, Kalghatgi, and Kod, where sowing is retarded; public health good; rice 22 lbs. per rupee.
Kanara ...	.....	No report received.
Rajkot ...	·65	Weather cloudy; cholera in Nawanagár, Gondal, Dhrol, Kotdasangam, Jetpur; Bagusra and Junagad; *bajri* 25 and *juari* 28 lbs. per rupee.
		General Remarks.—Rain throughout Presidency proper, heavy in the south, retarding sowing operations; slight fever and cattle-disease continue in a few districts; flights of locusts in Ahmednagar and Satara; cholera in Belgaum, Kaladgi, Satara, Ahmednagar, Ahmedabad, and parts of Kathiawar; prices generally steady.
Bengal—(June 14th)—		
Chittagong ...	Rain all over the district, 3·63.	Weather seasonable; transplanting progressing; cholera and small-pox continue; cattle-disease prevalent in some localities; prices somewhat higher.
Dacca ...	0·95; rain commenced on 12th.	Weather stormy; crops progressing as before; spring rice harvest estimated at 14 annas.
24-Pergunnahs (Calcutta)	5·34	Lands being prepared for early and winter rice and other crops; sowing in low lands progressing; late rain has done much good; prices of common rice stationary; health good.
Moorshedabad ...	1·30	Prospects of crops favourable; early rice still being sown in some places; elsewhere young plants flourishing; lands being prepared for winter sowings; public health generally good.
Rajshahye ...	1·06	Weather cloudy and showery; prospects of paddy and jute favourable; *sesamum* being cut; cholera and fever still reported; weather virulent.
Burdwan ...	1·05; general rain	Cultivation going on well; prospects favourable; health fair.
Rungpore ...	0·67	Prospects of crops favourable; sowing of winter rice going on; public health good.
Bhagálpur ...	1·01	Prospects good; paddy being sown; lands being prepared for sowing autumn crops; general health good, though many cases of cholera reported from Umulpur.
Purneah ...	0·40	Crops improved by rain, especially indigo; weather, mixed sunshine and cloud, favourable; weeding and sowing of winter rice proceeding; health improved; cattle-disease reported towards south-east; rivers rising.
Patna ...	*Nil*	Clouds threatening; rice and other autumn crops sowing proceeding; *china* and sugarcane doing well; cholera prevalent in Behar and Barrh sub-divisions and small-pox in Behar.
Durbhunga ...	*Nil*	Weather cool, east wind with clouds; crop prospects good; cholera abating fast in many places, but still bad in Tajpur.
Hazáribágh ...	2·60	Weather cloudy and showery for last three days; ploughing and sowing continue; a few small-pox cases still reported, health otherwise good; cattle-disease reported.
Cuttack ...	4·65	Rain proved beneficial; sowing still progressing; rivers in flood; cholera disappearing.
		General Remarks.—More or less rain in all parts of the province during the week except in Patna and Durbhunga; prospects everywhere very favourable; early rice, jute, and other autumn crops being sown; early sowings doing well; sowing of winter rice also commenced in some districts; sugarcane, indigo, and other crops in the ground progressing; spring rice harvest almost finished, general outturn good; cholera much diminished; sporadic cases of small-pox and cattle-disease still reported from a few districts.
N. W. Provinces and Oudh—		
Benares (June 13th)	Benares, ·20; Chandauli, ·40; no rain in Gungapur.	Weather burning; week hot, with heavy clouds; no agricultural operations in progress save irrigation of sugarcane; health of men and cattle generally good, though isolated cases of cholera are reported in city and in mauza Salempur and tahsil Chandauli; bazars well supplied with food-grains; prices rising slightly.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
N. W. Provinces and Oudh—*contd.*		
Cawnpore ...	.....	No report received.
Allahabad (June 14th)	Rain has fallen all over district.	Sky cloudy, heavy rain evidently impending; cholera decreasing in district, city continues healthy; a little cattle-disease, but not serious; prices stationary.
Gorakhpur („ 13th)	.....	Great heat prevails; weather cloudy, but little rain; cholera continues; ploughing in progress; prices slightly risen.
Jhánsi („ 12th)	·16 rain fell last night, and more is expected.	Ploughing commenced; markets well supplied; prices rising; small-pox amongst children is reported in pargana Jhánsi, otherwise public health is good; a few cases of cattle-disease in three parganas.
Agra („ 13th)	Rain in all parganas, from ·10 to 3·60.	*Kharif* sowings commenced; fever and small-pox continue in city and three parganas; general health good; prices rising.
Bareilly („ „)	Rain set in on 11th, with general fall of 2·00.	Weather now clearing up; sowings have begun.
Meerut („ „)	Meerut, ·50; Ludhiana, ·70; Ghaziabad, ·70; Mowana, ·80; Bagpat, ·90; Hapur, ·90.	Weather excessively sultry till Saturday, when a violent storm at night cooled the air, sky again clear, with west winds; health good; supplies sufficient; prices stationary.
Kumaun („ „)	Some rain	Weather cloudy; some measles and small-pox of mild type; cattle-disease continues; prices rising slightly.
Lucknow („ „)	A few showers	Wind easterly; weather cloudy and close; markets well supplied; prices rising; cholera increasing in city.
Partabgarh („ „)	Rain fell at Khunda on 7th and 11th; the rains appear to have regularly set in.	Prices steady; ploughing commenced; cholera continues about the same.
Sitapur („ „)	No rain beyond slight sprinkles.	Weather often cloudy; winds generally easterly but variable.
Fyzabad („ „)	·80	Sugarcane being irrigated; sowing of *dhan* and *khoda* commenced; cholera decreasing.
Rae Bareli („ 12th)	.....	Weather cloudy and sultry, wind shifty, mostly from the east; cholera in two tahsils; prices slightly rising.
Farukhabad („ 13th)	Slight showers in four tahsils.	Sky still cloudy; health of men and cattle good; prices fallen slightly.
		General Remarks.—Some rain fell in nearly every district, varying from slight showers to 5·40; *kharif* ploughing and sowing begun; markets well supplied, but prices rising slightly; cholera continues in Benares, Gorakhpur, Rae Bareli and Partabgarh, has increased in Lucknow, and decreased in Allahabad and Fyzabad; cattle-disease prevalent in Kumaun, a few cases reported from Allahabad and Jhánsi.
Punjab—(June 13th)		
Delhi ...	1·4	Health fair; prices stationary.
Hissar ...	Rain required	Weather stormy; small-pox continues at Hansi; prices stationary.
Umballa ...	No rain	Preparations for *kharif* sowings in progress; health fair; prices gradually rising.
Jullundur ...	About 1·6	Health good; prices steady.
Amritsar ...	No rain	Grain garnered; health fair; prices steady.
Sialkot ...	Slight rain	Health good; prices falling.
Lahore ...	No rain	Weather cloudy; health good; prices stationary.
Ferozepore ...	No rain	*Rabi* crops harvested; health good; prices of grain and barley gradually rising.
Mooltan ...	No rain	*Kharif* sowings still in progress; health good; slight rise in the price of barley.
Rawalpindi ...	4·3	Crops being garnered; health generally good; prices slightly fluctuating.
Dera Ismail Khan ...	No rain	*Kharif* sowings in progress; prices stationary.
Peshawar ...	No rain	Health good; prices steady.
		General Remarks.—Rain has fallen in the Delhi, Jullundur, Sialkot, and Rawalpindi districts; health of the province generally good; prices of food-grains generally steady.
Central Provinces—		
Nagpur ...	4·41	High winds; *kharif* sowings commenced; prices stationary.
Jubbulpore ...	6·19	Weather cloudy and cool; cholera and small-pox prevalent; rice 12 and wheat 19 seers per rupee.
Saugor (June 12th)	Slight rain	Weather close; land for *kharif* still under preparation; prices rising; health good.
Khandwa („ 14th)	6·03	Weather cloudy and stormy; *kharif* sowings commenced; small-pox prevalent; prices stationary; wheat 14 and *juari* 22½ seers per rupee.
Seoni ...	5·12	Cholera and small-pox prevalent; cattle-disease abating; prices risen; rice 13 and wheat 19 seers per rupee.
Hoshangabad (June 13th)	3·94	*Kharif* sowings commenced; small-pox prevalent; rice 9, wheat 14, and *juari* 24 seers per rupee.
Raipur („ 10th)	4·95	Rice sowings carried on briskly; health good; prices stationary; rice 35½ and wheat 30 seers per rupee.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Central Provinces— *contd.*		
Sambalpur (June 8th)	·60	Weather cloudy and showery; rice-fields under preparation; health good; rice 49 seers per rupee. *General Remarks.*—Weather cloudy and pleasant, with heavy rain in most districts; preparations for *kharif* sowings continue; cholera and small-pox abating; prices easy.
British Burma— (June 10th)		
Akyab ...	10·94	Total rainfall 25·69; 2 deaths from small-pox in town, disease still slightly prevalent in one township, otherwise public health good; cattle-disease severe in two townships.
Rangoon ...	2·63	Total rainfall 14·82; 1 death from small-pox, otherwise public health good.
Bassein ...	11·87	Total rainfall 23·70; public health good; a few deaths from cattle-disease in two townships.
Prome ...	2·61	Total rainfall 7·95; no deaths from cholera in Prome town, but a few deaths in district.
Amherst (Moulmein) ...	16·19	Total rainfall 39·75; public health good; cattle-disease has abated in one township, continues in another.
Toungoo ...	2·29	Total rainfall 14·94; seven deaths from small-pox in town, but no fresh cases, otherwise public health good; twelve deaths from cattle-disease in one township. *General Remarks.*—Small-pox is slightly prevalent in Akyab and Toungoo, and cholera more or less in a few places; public health is generally good; cattle-disease is severe in Akyab; prevalent in Amherst and a few other districts; ploughing has become general.
Assam—(June 14th)		
Gauhati ...	·34	Weather very hot, but has cooled down during the last two days; more rain wanted; prospects of crops continue favourable; cholera abated.
Sylhet ...	6·64	Cultivation proceeding; *amun* pretty well sown; *murali* nearly all sown; *aus* a little sown; *sali* nurseries mostly ready; cholera still reported; tea doing well.
Cachar ...	8·92	Days hot and sultry, nights rainy; more than half of *dumahi* and *murali* crops sown; 2 cases of cholera reported from Lakhimpur; common rice 26¾ seers per rupee.
Dibrugarh ...	0·47	Weather hot; prospects of *aus* paddy good; ploughing for *sali* paddy in progress; cattle-disease still reported; public health good, except a few cases of small-pox in the North Lakhimpur sub-division and a few cases of cholera in the Sadr sub-division.
Mysore and Coorg— (June 14th)		
Bangalore ...	·42	Drizzling rain at intervals; young sugarcane in good condition; *poonji* ready; *harka*, gingelly, and lamp-oil seeds and ground-nuts sown in places; prospects favourable; no material change in prices.
Mysore ...	1·50	Light monsoon, with high winds; standing crops in good condition; prices fair.
Mercara ...	29·29	Rain heavy and continuous during the week; the Cauvery, with its tributaries, in full flood; vacancies in coffee estates being filled up by transplantation; prospects of season good; health good. *General Remarks.*—Rain has fallen throughout the Mysore State; agricultural operations retarded in the Mulnad owing to excessive rainfall; 4·54 inches at Hassan, above 3·39 inches at Chickmangalur; crops in good condition; prospects good; prices satisfactory; public health generally good; cholera continues slightly in the Yedattore and Ashtagram taluks of Mysore district.
Berar & Hyderabad— (June 14th)		
Amráoti ...	2·91	Cotton sowing commenced; prices—wheat 18 and *juari* 36 seers per rupee.
Akola ...	1·03	Weather warm; cotton sowing begun.
Hyderabad ...	1·82	Total rainfall from 1st January 5 inches; ground for coming *kharif* crop being still prepared; tanks have received small quantity of water; high south-west winds prevail; health in general improving; prices—wheat 16½, coarse rice 10, white *juari* 24½, yellow *juari* 29, and *tur* 28¾ seers per current sicca rupee.
Central India States— (June 14th)		
Indore ...	8·04	The monsoon has regularly set in; health good and prices steady.
Morar (Gwalior) ...	·70	Health good.
Sutna ...	·32	Public health good.
Rutlam ...	.....	No report received.
Neemuch ...	·15	Public health good.
Goona ...	1·29	Weather cloudy; wheat 21 seers per rupee.
Bhopal ...	1·05	Storms from south-west; ploughing for *kharif* active; health good.
Agar ...	Some rain on 13th	More rain required for sowing; health good.
Nowgong ...	1·11	Severe thunderstorm on 3rd; health good.
Manpur ...	6·75	Sowing of *makka* commenced; prices steady.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Rajputana—		
Abu (June 14th)	2·02	Weather close, sultry, cloudy, and foggy.
Sirohi („ 11th)	·20	Tanks and wells fair; health good; great storm on 7th.
Marwar ...	.....	No report received.
Meywar (June 10th)	1·41	Tanks, wells, and health good; ploughing commenced; monsoon burst on 3rd; thunderstorms daily.
Harowti („ „)	Deoli, ·10; Kotah, 1·24; Shahpura, ·88.	Weather cloudy, close; heat great; health good, but indifferent in some villages about Deoli; some cholera cases reported.
Jhallawar („ 7th)	·52	Small-pox still continues.
Ajmere („ 13th)	·12	Sickness about.—2 cases of cholera in Ajmere and cases reported in villages around.
Jeypore („ „)	·57	Weather cloudy; easterly winds; few sporadic cases of cholera and small-pox in districts, otherwise health good.
Bhurtpore ...	.....	No report received.
Ulwur (June 14th)	Good rain on 11th	*Kharif* sowings commenced; health good.
Nepal—(June 9th)		
Katmandu ...	·90	Weather hot and close.

E. C. BUCK,
Secy. to the Govt. of India.

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№ 25.] CALCUTTA, SATURDAY, JUNE 24, 1882.

OFFICIAL PAPERS.

A SUPPLEMENT *to the* GAZETTE OF INDIA *will be published from time to time, containing such Official Papers and information as the Government of India may deem to be of interest to the Public, and such as may usefully be made known.*

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GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

[TELEGRAPH.]

ABSTRACT OF FOREIGN TRAFFIC FOR THE MONTH OF FEBRUARY 1882.

CLASS OF MESSAGES.	ROUTE. West. Via Teheran. No.	Via Teheran. Indian Value.	Via Turkey. No.	Via Turkey. Indian Value.	Persian Gulf. No.	Persian Gulf. Indian Value.	Via Suez. No.	Via Suez. Indian Value.	East. Via Amur. No.	Via Amur. Indian Value.	Via Madras. No.	Via Madras. Indian Value.	Via Rangoon. No.	Via Rangoon. Indian Value.	Native Burma. No.	Native Burma. Indian Value.	Via Paumben. No.	Via Paumben. Indian Value.	TOTAL. No.	TOTAL. Indian Value.
INDIAN.		Rs. A.		Rs. A.		Rs. A.		Rs. A.		Rs. A.		Rs. A.		Rs. A.		Rs. A.		Rs. A.		Rs. A.
Sent	2,220	9,308 6	80	246 9	30	143 6	4,456	13,738 4	15	33 15	686	1,085 7	147	409 13	352	549 4	1,669	3,876 11	9,661	29,091 5
Received	2,884	14,158 13	109	355 11	45	166 5	3,001	11,963 13	9	19 13	646	1,932 3	220	638 2	...	...	1,616	3,155 6	8,530	32,390 1
TOTAL	5,110	23,467 3	189	601 14	75	309 11	7,457	25,702 1	24	53 12	1,332	3,017 10	367	1,047 15	352	549 4	3,285	6,732 0	18,191	61,481 6
TRANSIT.																				
From East to West—																				
Received. *Vid* Madras	157	539 4	1	4 8	5	18 6	3,652	14,823 9	...	...	...	...	...	...	...	...	...	...	3,815	15,385 14
" Rangoon	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" Laingha	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" Paumben	53	206 5	...	...	1	3 12	442	1,234 3	...	...	...	...	...	...	...	...	...	...	496	1,443 4
From West to East—																				
Sent. *Vid* Madras	1,461	5,870 12	43	151 2	4	12 7	2,239	8,953 14	12	25 2	...	...	...	...	...	...	...	...	3,759	15,013 5
" Rangoon	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" Laingha	...	...	...	...	...	...	3	16 3	...	...	...	...	...	...	...	...	...	...	3	16 3
" Paumben	228	803 8	5	16 1	1	3 8	166	643 12	...	...	...	...	...	...	...	...	...	...	400	1,466 13
From West to West—																				
Vid Bombay and Karachi.	...	...	...	...	1	3 0	...	...	...	...	...	...	...	...	...	...	...	...	1	3 0
Vid Karachi and Bombay.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
From East to East—																				
Vid Paumben	...	...	...	...	...	...	...	...	...	...	68	260 6	5	14 0	...	...	...	...	73	274 6
" Madras	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	58	253 6	58	253 6
TOTAL	1,899	7,418 13	49	171 11	12	41 1	6,502	25,671 9	12	25 2	68	260 6	5	14 0	...	...	58	253 6	8,605	33,856 6
GRAND TOTAL ...																			26,796	95,337 6

ABSTRACT OF FOREIGN TRAFFIC WITH INDIA BY THE INDO-EUROPEAN AND RED SEA ROUTES FOR THE MONTH OF FEBRUARY 1882.

ROUTE.		Number of Messages by each Route (exclusive of Transit). To India.	From India.	Total.	Percentage of Number. To India.	From India.	Total.
Indo-European	*Vid* Teheran	2,884	2,226	5,110	47·76	32·77	39·83
	" Turkey	109	80	189	1·80	1·18	1·47
	Persian Gulf *vid* Karachi	45	30	75	0·75	0·44	0·58
Red Sea	*Vid* Suez	3,001	4,456	7,457	49·69	65·61	58·12
	Total	6,039	6,792	12,831	100·00	100·00	100·00

GOVERNMENT

DEPARTMENT OF FIN

OF INDIA.

ANCE AND COMMERCE.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT

INDIA FOR THE 2nd HALF OF MAY 1882.

QUANTITIES PER RUPEE

IN SEERS OF 80 TOLAHS.

Provinces.	Districts.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholam, Jowar), *Holcus Sorghum* Present fortnight.	Great Millet (Cholam, Jowar), *Holcus Sorghum* Past fortnight.	Great Millet (Cholam, Jowar), *Holcus Sorghum* Corresponding fortnight of 1881.	Bajra Millet (Cumboo, Bajra), *Penicillaria Spicata*. Present fortnight.	Bajra Millet (Cumboo, Bajra), *Penicillaria Spicata*. Past fortnight.	Bajra Millet (Cumboo, Bajra), *Penicillaria Spicata*. Corresponding fortnight of 1881.	Lesser Millets, Ragi, &c. (Kavaru, Varagu, Saawe, Cheena, Coraloo, Murwa, Nagleeh, *Panicum Miliaceum*, &c. Present fortnight.	Lesser Millets, Ragi, &c. (Kavaru, Varagu, Saawe, Cheena, Coraloo, Murwa, Nagleeh, *Panicum Miliaceum*, &c. Past fortnight.	Lesser Millets, Ragi, &c. (Kavaru, Varagu, Saawe, Cheena, Coraloo, Murwa, Nagleeh, *Panicum Miliaceum*, &c. Corresponding fortnight of 1881.	Gram. Present fortnight.	Gram. Past fortnight.	Gram. Corresponding fortnight of 1881.	Firewood. Present fortnight.	Firewood. Past fortnight.	Firewood. Corresponding fortnight of 1881.	Salt. Wholesale. Present fortnight.	Salt. Wholesale. Past fortnight.	Salt. Wholesale. Corresponding fortnight of 1881.	Salt. Retail. Present fortnight.	Salt. Retail. Past fortnight.	Salt. Retail. Corresponding fortnight of 1881.	Districts.	Provinces.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.		
Madras.	Ganjam	11 13	14 11	14 11	...	...	...	17 13	17 13	17 13	19 10	19 10	19 8	...	...	...	...	...	...	35 3	35 3	32 3	23 5	26 10	46 10	215 13	215 13	215 13	...	...	...	13 13	13 13	11 14	Ganjam	Madras.
	Vizagapatam	11 0	5 0	17 0	...	...	...	9 0	9 0	15 11	11 5	11 3	16 14	23 13	23 3	25 6	22 13	23 13	29 11	25 3	26 5	32 5	24 10	25 11	36 3	93 5	93 5	87 8	15 3	15 3	11 11	14 0	14 0	10 8	Vizagapatam	
	Godavery	10 13	9 14	11 11	...	...	...	14 13	15 13	13 11	18 0	18 0	18 0	29 13	28 13	...	...	...	...	34 10	36 6	36 6	27 5	28 5	42 0	191 6	194 6	160 6	14 10	14 10	12 8	14 10	14 10	12 8	Godavery	
	Kistna	14 11	14 3	15 2	...	...	...	17 5	16 11	17 8	17 14	17 14	17 14	18 11	18 3	27 0	...	...	...	35 5	34 8	37 11	27 6	26 8	28 8	145 13	145 18	145 13	16 5	15 6	13 2	15 11	15 3	12 13	Kistna	
	Nellore	14 6	14 6	12 10	...	...	...	15 13	15 13	14 5	...	...	16 0	33 10	38 6	26 14	...	...	...	36 6	36 6	33 14	28 5	28 5	26 3	93 5	93 5	93 5	14 13	14 13	13 3	14 13	14 13	12 11	Nellore	
	Cuddapah	14 11	16 3	15 6	...	...	...	12 6	12 0	11 8	14 2	13 11	12 14	30 0	30 13	30 0	30 6	31 14	43 5	31 8	30 0	33 0	28 0	26 14	38 2	194 6	194 6	194 6	16 10	14 6	14 6	16 3	13 14	13 14	Cuddapah	
	Anantapur	14 6	14 6	11 8	...	...	...	15 0	15 0	13 14	16 3	16 3	15 2	33 0	33 0	30 0	28 13	18 13	18 13	31 0	33 0	31 0	38 13	28 0	26 14	38 2	97 3	97 3	97 3	14 5	14 5	14 5	11 11	11 11	13 2	Anantapur	
	Bellary	18 3	17 5	18 3	...	...	...	12 5	12 5	13 6	13 8	13 8	14 10	33 0	33 0	30 11	32 6	31 14	43 11	31 0	31 0	38 13	28 0	26 14	38 2	97 3	97 3	97 3	15 8	14 10	13 6	14 14	14 14	14 5	Bellary	
	Kurnool	15 3	14 10	12 11	...	...	...	11 0	11 0	11 0	11 13	11 13	11 6	32 3	32 3	35 10	27 8	28 13	33 11	...	...	...	27 0	30 0	31 8	202 3	196 6	201 11	14 6	14 6	12 8	14 0	14 0	12 2	Kurnool	
	Madras	10 11	10 13	9 2	...	...	...	14 3	14 10	13 11	15 13	16 3	14 14	24 8	24 8	21 10	26 6	26 6	22 6	29 6	28 13	26 0	27 5	27 5	30 6	81 6	81 6	81 6	16 8	16 8	14 6	16 0	16 0	13 14	Madras	
	Chingleput	...	...	...	...	...	...	16 8	16 8	15 0	17 0	17 0	16 2	...	...	...	...	...	...	28 13	28 13	26 11	25 0	25 0	28 14	92 5	92 5	77 13	16 5	16 5	14 5	15 14	15 14	13 14	Chingleput	
	North Arcot	11 14	11 6	11 0	...	...	...	17 3	15 14	16 13	18 13	18 13	17 5	34 10	34 10	26 11	30 8	31 5	30 8	34 3	34 3	33 5	29 8	31 8	37 6	140 0	140 0	140 0	15 6	14 5	12 11	14 13	14 5	12 5	North Arcot	
	South Arcot	10 2	9 6	9 6	...	...	...	16 2	17 0	15 11	18 6	18 6	17 2	33 10	33 10	26 14	27 11	29 5	25 13	29 13	30 3	29 6	33 13	35 11	30 3	201 11	201 11	201 11	19 5	19 5	15 5	18 14	18 14	14 13	South Arcot	
	Tanjore	11 0	10 5	11 0	...	...	...	17 13	17 13	17 6	...	...	...	38 3	38 3	33 13	33 11	34 3	32 5	39 5	39 5	33 10	32 6	33 3	31 8	194 6	194 6	194 6	15 10	15 10	13 5	15 10	15 5	13 2	Tanjore	
	Trichinopoly	9 10	9 14	11 3	...	...	...	16 10	16 10	16 10	17 0	17 0	17 0	...	...	...	29 3	29 3	24 2	32 11	34 2	30 2	35 6	38 8	32 5	97 3	97 3	97 3	17 0	17 0	12 14	16 3	16 3	12 2	Trichinopoly	
	Madura	13 5	13 5	13 10	...	...	...	15 8	15 8	14 11	16 13	16 13	14 6	29 3	25 14	25 11	32 5	29 6	27 3	32 8	28 11	32 8	42 11	42 11	35 10	145 13	140 14	145 13	17 8	16 2	13 8	17 5	15 14	13 2	Madura	
	Tinnevelly	9 3	9 3	8 14	...	...	...	15 14	15 14	13 14	15 6	15 13	13 6	...	...	...	...	...	...	...	...	...	29 6	29 6	27 2	81 10	81 10	76 13	18 11	18 11	14 13	18 5	18 5	14 5	Tinnevelly	
	Coimbatore	13 2	14 13	15 10	...	...	...	14 13	15 5	16 3	15 6	15 13	17 3	24 6	26 2	29 10	35 0	35 0	35 3	29 8	29 8	34 6	30 6	36 2	47 8	131 3	131 3	131 3	15 2	15 2	12 3	14 10	14 10	11 11	Coimbatore	
	Nilgiris	*	9 14	10 10	...	...	...	*	9 10	11 3	*	12 0	12 0	*	18	8 20	0 *	*	19 10	...*	20 3	21 10	...*	21 10	27 6	...*	121 8	121 8	...*	11 0	9 3	...*	11 6	9 3	Nilgiris	
	Salem	13 10	13 10	12 13	...	...	...	15 0	15 8	14 0	16 0	16 0	16 0	27 5	29 2	25 8	22 14	22 14	24 10	30 13	31 10	30 13	39 6	39 6	39 6	151 10	151 10	151 10	16 6	15 6	14 5	15 6	14 5	13 5	Salem	
	South Canara	10 5	10 5	10 5	...	...	...	9 11	10 11	8 11	13 11	14 11	14 11	...	...	...	...	...	...	19 6	19 6	20 3	21 3	23 3	...	116 10	116 10	109 5	15 3	15 3	12 6	14 3	14 3	11 5	South Canara	
	Malabar	7 3	9 0	10 2	...	...	...	15 3	15 6	15 13	15 13	16 3	16 10	...	...	...	...	...	...	20 6	23 6	23 6	26 0	26 14	31 0	121 8	121 8	121 8	14 6	14 6	10 13	13 8	13 14	9 14	Malabar	
Bombay.	Bombay	10 7	10 4	11 4	16 14	18 0	19 2	7 10	7 11	7 4	12 2	12 10	11 7	17 13	18 4	21 4	14 10	17 3	19 8	14 1	24 3	14 1	16 9	16 14	18 12	61 7	61 7	61 6	14 5	14 5	12 9	14 5	14 5	12 9	Bombay	Bombay.
	Ahmedabad	12 8	13 0	16 4	...	21 0	33 0	6 8	5 8	8 4	8 0	8 0	13 4	17 0	19	32 0	14 8	15 8	26 0	...	...	...	20 0	22 0	24 0	80 0	80 0	80 0	16 8	16 8	13 8	16 0	16 0	13 4	Ahmedabad	
	Kaira	11 7	11 7	13 5	20 0	20 0	29 1	9 2	9 2	8 14	14 9	14 9	13 5	16 0	20	22 14	11	8	14	...	...	...	20 0	20 0	22 11	80 0	80 0	80 0	...	...	...	16 0	16 0	12 13	Kaira	
	Surat	13 6	13 6	13 10	5 6	5 6	7 7	7 7	7 7	7 7	6 13	8 5	8 5	8 5	8 5	15 9	15 9	18 13	11 13	...	...	...	14 14	14 14	17 13	80 0	80 0	80 0	13 10	13 10	11 7	13 10	13 10	11 7	Surat	
	Broach	12 5	12 5	16 0	...	...	...	9 6½	10 10½	8 11½	12 9	12 13	11 6½	15 4	15 4	17 12½	15 4	15 4	15 4	...	...	...	16 0	15 4	20 0	106 0	106 0	106 0	15 4	15 4	12 12½	15 4	15 4	12 12½	Broach	
	Tanna (Salsette)	10 5	10 5	11 11	...	...	...	10 0	10 0	6 14	11 4	11 4	11 4	18 10	18 10	15 0	0 16	6 16	6 18	28 0	28 0	28 0	15 4	11 1	14 1	71 1	71 1	71 1	14 5	14 5	10 2	13 4	13 4	10 2	Tanna (Salsette)	
	Colába (Alibág)	10 0	10 0	12 0	...	...	...	7 8	7 8	6 12	15 8	16 0	13 8	...	...	...	...	...	...	...	...	...	14 0	14 0	15 12	120 0	120 0	110 0	15 0	15 0	13 0	14 0	14 0	12 8	Colába (Alibág)	
	Khandesh (Dhulia)	14 9	16 5	20 5	...	...	...	7 7	7 7	5 15	12 0	12 0	11 15	...	...	...	...	...	...	...	...	...	15 11	17 15½	28 12	110 0	110 0	140 0	15 6	15 2	13 2	15 4	15 8	13 0	Khandesh (Dhulia)	
	Násik	15 8	15 8	17 0	...	...	...	9 11	9 11	8 8	13 6	13 9	10 8	26 4	27 6	34 8	23 4	21 3	20 4	24 10½	25 8	28 11	20 4	21 9½	25 3	128 0	128 0	115 0	14 6	14 6	13 0	14 2	14 2	12 14	Násik	
	Ahmednagar	14 4	14 10	18 15	...	...	...	11 0	11 0	9 13	12 4	12 4	12 4	23 15	23 15	25 2	18 6	21 3	27 4	30	31	32	18 6	20 11	76 0	76 0	76 0	13 10	14 11	12 8	13 6	14 7	12 4	Ahmednagar	
	Poona	12 10	13 13	13 13	...	...	...	11 6	10 15	13 2	12 1	11 5	14 7	32 12	32 12	33 6	24 8	26 12	30 11	21 14	23 12	29 10	21 14	23 12	29 10	98 0	98 0	91 6	13 12	13 12	11 8	13 8	13 8	11 4	Poona	
	Sholápur	13 2	15 3	18 2	...	...	...	11 6	10 15	13 2	12 1	11 5	14 7	32 12	32 12	33 6	24 8	26 12	30 11	15 10	15 10	16 14	15 10	15 10	16 14	157 1	137 1	137 15	13 13	13 13	13 1	13 2	13 2	11 10	Sholápur	
	Kaládgi (Bagalkot)	21 0	21 0	19 0	15 0	15 0	15 0	9 11	9 11	9 5	11 7	11 7	11 7	25 5	25 5	25 1	22 0	22 0	24 2	35 0	35 0	35 0	16 8	16 8	19 0	80 0	80 0	80 0	9 8	8 12	8 12	9 0	8 0	8 0	Dharwar (Hubli)	
	Satara	12 1	12 1	14 11	...	...	...	10 0	10 0	8 11	11 8	11 8	12 0	25 0	25 0	22 7	22 0	22 0	24 2	28 0	28 0	49 0	13 0	14 0	21 0	80 0	80 0	65 0	13 0	13 0	12 8	12 8	12 0	12 0	Belgaum	
	Belgaum	19 0	19 0	18 0	11 8	11 8	11 8	10 8	10 8	8 14	11 0	12 0	11 0	23 0	23 0	24 3	23 0	24 0	25 2	21 2	23 8	18 13	14 0	15 6	16 13	150 0	150 0	165 0	11 13	14 6	11 0	11 10	11 4	11 0	Ratnágiri	
	Dharwar (Hubli)	21 0	21 0	24 0	...	...	...	8 9	10 0	9 4	14 2	16 15	14 2	20 13	20 13	22 7	13 11	11 9	10 15	22 0	22 0	23 7	13 0	13 0	14 1	213 5	213 5	213 5	13 4	13 4	10 13	12 8	12 8	10 5	Kanara (Karwar)	
	Ratnágiri	10 9	11 3	11 3	...	...	...	8 0	8 0	8 0	13 0	13 0	16 0	18 0	18 0	21 13	18 0	18 0	19 7	23 0	23 0	26 10	26 10	26 10	32 0	200 0	200 0	200 0	16 0	16 0	...	15 4	15 4	11 6	Panch Mahals (Godhra)	
	Kanara (Karwar)	12 8	12 8	13 0	...	...	...	11 6	11 6	11 6	15 0	15 0	16 0	26 10	26 10	26 10	18 0	18 0	21 13	23 0	23 0	50 0	26 10	26 10	32 0	200 0	200 0	200 0	...	...	...	32 0	32 0	32 0	Aden	
	Panch Mahals (Godhra)	11 6	12 5	13 5	...	...	...	6 3	6 3	6 3	7 0	7 0	7 0	11 3	11 3	8 9	5 9	5 9	5 8	...	...	...	9 5	9 5	9 5	65 5	65 5	65 5	...	...	...	16 0	16 0	10 0	Asirgarh	
	Aden	8 0	8 0	8 0	...	...	...	11 0	10 12	10 0	12 6	12 11	12 0	24 13	30	34 0	25 5	31 0	30 0	...	...	...	16 14½	16 9	20 0	93 2	85 0	86 0	15 6	14 5	12 9	15 2½	14 5	12 9	Baroda	
	Asirgarh	14 6	16 8	17 0	...	...	...	11 0	10 12	10 0	12 6	12 11	12 0	24 13	30	34 0	25 5	31 0	30 0	...	...	...	18 8	18 8	20 4	137 8	137 8	137 8	13 8	13 8	9 0	13 0	13 0	8 0	Disa	
	Baroda	10 7	10 14	11 11	13 15½	14 5	22 14	8 12	8 9	8 7	11 10½	11 7	12 0	46 14½	46 16	52 14½	14 14	9½ 14	5 20	...	...	...	17 8	17 5	23 12	160 0	160 0	160 0	...	...	...	11 0	11 0	9 0	Nimach	
	Disa	13 1	13 11	15 12	...	...	...	6 6	6 6	6 6	8 11	8 11	8 6	48	48	48	19	25	14 17	...	...	...	23 3	24 10	23 12½	86 9	90 0	90 0	+16 6	+16 6	...	+16 0	+16 0	+13 0	Nasirabad	
	Nimach	13 0	15 7	19 4	16 8	19 6	25 8	8 8	8 8	8 5	8 11	9 11	11 12	14	14	14	9½ 14	5 20	14 17	...	...	...	15 12	16 4	27 4	80 0	80 0	85 0	+55 0	+55 0	+50 0	+18 0	+48 0	...	Rajkot	
	Nasirabad	16 15½	17 0	17 13	22 13	24 0	28 0	6 0	6 0	6 0	7 0	7 0	7 0	27 0	27 0	26 0	18 0	19 0	21 0	...	...	...	22 0	22 0	23 0	160 0	160 0	160 0	+12 4½	+12 4½	+10 0	+12 4	+8 14	...	Upper Sindh Frontier	
	Rajkot	12 0	12 0	17 12	...	...	...	6 0	6 0	5 8	11 0	11 0	11 12	14	14	14	12	12	12	40 0	40 0	...	15 12	16 4	27 4	105 0	105 0	105 0	17 13	17 13	14 3	17 0	17 0	14 0	Karachi	
	Upper Sindh Frontier	15 0	15 0	12 1	26 0	26 0	17 4½	11 4	11 4	8 5	22 12	22 12	12 5	32	32	32	18 8½	...	... 18 13	13 0	13 0	9 8	17 0	17 8	21 0	280 0	280 0	250 0	13 2	13 5	11 6	13 0	13 2½	11 4	Shikarpur	
	Karachi	12 2	12 0	11 10	21 0	21 0	21 0	9 0	9 0	9 0	15 0	15 0	12 0	23	23	20	18	18	20	...	...	...	16 0	16 0	19 0	480 0	480 0	320 0	14 0	14 0	10 0	14 0	14 0	10 0	Haidarabad (Nakur)	
	Haidarabad (Nakur)	17 0	17 0	13 0	20 0	20 0	20 0	12 0	12 0	10 0	20 0	18 0	14 0	26	24	25	23	23	25	...	...	...	19 1	20 4	20 0	285 0	280 0	250 0	13 2	13 5	11 6	13 0	13 2½	11 4	Shikarpur	
	Shikarpur	13 5	13 2½	12 8½	26 9	26 9½	20 0	12 4	12 4½	10 0	16 0	17 4	16 0	26	24	24	23	23	20	...	...	...	...	...	...	160 0	160 0	160 0	10 11	10 11	9 10	10 11	10 11	9 10	Thar and Parkar (Umarkot)	
	Thar and Parkar (Umarkot)	17 9	18 0	16 8	...	...	...	...	...	...	14 0	14 0	10 4	...	...	...	19 0	20 6	16 0																	
Western Districts																																			*Western Districts*	
Bengal.	Burdwan	13 12	16 0	15 12	21 0	21 0	30 0	27 0	26 4	30 0	31 1	30 0	32 0	...	...	...	...	...	...	...	...	...	24 0	25 0	25 0	120 0	120 0	120 0	Prices per md. of 40 seers. Rs. A. P. 2 12 0	Rs. A. P. 2 11 0	Rs. A. P. ...	13 12	13 8	10 0	Burdwan	Bengal.
	Bancoorah	13 8	15 8	17 8	14 0	17 8	19 0	25 0	23 0	24 8	30 0	30 0	32 0	...	...	...	...	...	...	...	...	...	21 0	22 0	20 0	320 0	320 0	320 0	3 2 0	3 2 0	...	...	13 0	9 0	Bancoorah	
	Beerbhoom	15 0	16 0	18 0	...	...	...	23 0	21 0	22 8	31 0	27 8	29 0	...	...	...	...	...	...	...	...	...	25 0	25 0	19 0	200 0	240 0	180 0	3 3 6	3 3 6	...	12 0	12 0	9 0	Beerbhoom	
	Midnapore	16 0	14 8	15 0	...	...	...	23 0	20 0	27 0	33 0	28 0	33 0	...	...	...	...	...	...	...	...	...	20 0	19 0	18 0	160 0	160 0	160 0	3 0 0	3 0 0	...	13 8	13 0	9 0	Midnapore	
	Hooghly	18 0	17 0	17 0	...	...	...	19 0	19 0	19 0	20 0	19 0	20 0	...	...	...	...	...	...	...	...	...	21 0	21 0	20 0	120 0	100 0	120 0	2 14 0	2 12 0	...	13 0	13 0	9 0	Hooghly	
	Howrah	13 4	13 0	15 8	...	...	...	16 8	16 0	16 0	21 0	21 8	21 4	...	...	...	...	...	...	...	...	...	22 8	22 8	21 0	80 0	80 0	80 0	2 14 0	2 14 0	1 0 0	13 0	13 0	...	Howrah	

a In the sub-divisions retail prices of salt are as follow:—Cuttack 15 seers, Cuttack 13 seers, and Ramgungge 14 seers.
b In the interior retail prices of salt range from 12-8 to 16 seers.
c In the interior retail prices of salt range from 12 to 16 seers.

* Not received.

d In the sub-divisions retail prices of salt are as follow:—Contai 12 seers, Tumlook 12-12 seers, and Cuttack 11-12 seers.
e In the sub-divisions retail prices of salt are as follow:—Serampur 15 seers and Jemalpore 16-8 seers.

† Sahukar. Common. § In common use.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT INDIA FOR THE 2nd HALF OF MAY 1882—*continued.*

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

PROVINCES.

DISTRICTS.	Wheat.			Barley.			Rice (best sort).			Rice (common).			Great Millet (Cholum, Jowar), *Holcus Sorgaum.*			Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.*		
	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.
	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
Central Districts.																		
Calcutta	14 9	14 9	16 6	26 10	26 10	32 0	10 0	10 0	7 4	20 0	20 0	18 13	29 0	32 0	26 10	...	...	...
24-Pergunnahs	12 4*f*	13 5	16 0	24 0	24 8	29 0	10 8	10 8	10 0	17 8	18 0	21 4	16 0	20 0	...	...	...	...
Nuddea	15 4*g*	16 0	16 13	29 0	32 0	32 0	18 13	20 0	17 4	21 5	22 0	22 14	...	...	...	...	...	...
Jessore	16 0*h*	19 0	17 0	...	...	...	20 0	22 0	21 8	27 0	28 0	29 0	...	...	...	...	...	...
Moorshedabad	18 0*i*	16 0	22 0	...	...	...	17 0	17 0	19 0	24 0	24 0	26 0	...	...	...	...	...	...
Dinagepore	13 0*j*	14 8	17 0	16 0	17 12	26 8	24 0	26 8	25 8	28 0	30 0	32 0	...	...	...	...	...	...
Rajshahye	15 0*k* to 17 4	15 0 to 17 4	22 8	48 12	48 12	48 12	18 12 to 20 0	16 0 to 18 12	19 11	21 9 to 24 6	21 0 to 24 0	25 5	...	...	...	...	...	...
Rungpore	15 0*l*	15 0	18 0	...	...	...	16 0	16 0	15 0	22 8	25 14	22 8	...	...	...	...	...	...
Bogra	15 12	18 12	18 0	...	...	...	15 12	15 12	24 0	28 2	28 2	33 12	...	...	...	...	...	...
Pubna	20 0*m*	19 8	22 8	...	...	...	10 0	10 0	12 0	26 4	25 0	32 8	...	...	...	...	...	...
Darjeeling	8 0	8 0	8 0	8 0	8 0	8 0	6 0	6 0	5 0	14 0	14 0	13 0	...	...	...	...	...	...
Jalpaiguri	9 0*n*	9 0	10 0	20 0	20 0	...	16 0	16 0	16 0	24 0	24 0	22 8	...	...	...	...	...	...
Eastern Districts.																		
Dacca	16 0*o*	16 0	14 4	40 0	40 0	35 8	25 0	22 8	22 0	32 0	26 0	26 0	...	...	...	...	...	...
Furreedpore	22 0*p*	22 0	20 0	37 0	30 0	30 0	21 0	22 0	7 0	23 0	26 0	26 0	...	...	...	...	...	...
Backergunge	... *q*	...	...	...	...	...	22 0	24 0	21 0	26 0	29 0	32 0	...	...	...	...	...	...
Mymensingh	11 8*r*	11 8	11 8	...	...	...	22 8	22 8	24 0	30 0	29 0	28 0	...	...	...	...	...	...
Tipperah	13 0*s*	13 4	13 4	...	...	...	22 0	22 0	24 0	29 0	29 0	35 0	...	...	...	...	...	...
Chittagong	9 0*t*	9 0	12 4	...	...	...	13 4	16 0	20 0	22 8	22 0	26 0	...	...	...	...	...	...
Noakholly	... *u*	...	...	...	...	...	27 0	27 0	26 0	31 0	31 0	30 0	...	...	...	...	...	...
Chittagong Hill Tracts	...	...	...	...	...	...	14 8	14 8	16 0	17 12	17 12	17 3	...	...	...	...	...	...
Hill Tipperah	10 0	10 0	10 0	...	...	...	26 0	26 0	32 0	34 0	37 0	36 0	...	...	...	...	...	...
Behar.																		
Patna	18 0	18 0	22 0	40 0	10 0	40 0	12 0	12 0	15 0	21 0	22 0	22 0	...	...	...	...	...	...
Gya	18 0*c*	20 0	22 0	27 0	28 0	39 0	12 0	12 0	13 8	21 0	22 0	22 0	...	...	...	...	...	...
Shahabad	17 0*w* to 19 0	17 0 to 18 0	21 0 to 22 0	30 0	33 0	37 0	20 0 to 21 0	19 0 to 20 0	21 0	22 0	22 0	22 0 to 23 0	...	...	...	...	...	...
Durbhunga	18 0*x*	15 0	21 8	35 0	35 0	45 0	14 0	13 0	15 0	17 0	17 0	22 0	...	...	...	...	...	...
Mozufferpore	18 0*y*	20 0	24 0	30 0	32 0	40 0	12 0	12 0	11 0	17 0	18 0	21 0	...	...	...	...	...	...
Sarun	16 8	16 8	19 0	32 0	31 0	42 0	10 0	10 0	10 8	22 0	21 0	22 0	35 0	33 0	45 0	...	...	...
Champarun	18 0*z*	19 0	21 0	45 0	45 0	45 0	12 0	12 0	14 0	20 12	31 0	21 0	...	...	...	...	...	...
Monghyr	18 14*a1*	20 0	23 1	31 8	36 12	45 3	16 12	15 12	16 12	19 15	20 0	18 14	...	...	...	...	...	...
Bhágalpur	15 2*z2*	16 6	17 11	25 5	37 14	44 7	20 3	18 15	17 11	22 11	24 0	20 3	...	...	...	...	...	...
Purneah	18 0*z3*	18 0	26 0	...	...	40 0	22 0	22 0	23 0	23 0	28 0	30 0	...	...	...	...	...	...
Maldah	17 8	19 0	23 0	...	...	...	17 0	18 0	18 0	23 0	25 0	28 0	...	...	...	...	...	...
Sonthal Pergunnahs	14 0*z4*	14 0	16 0	...	...	...	22 0	22 0	25 0	27 0	27 0	27 8	...	...	...	...	...	...
Orissa.																		
Cuttack	14 7	15 12	25 5	...	...	...	15 12	15 12	15 12	26 4	26 4	21 0	...	...	...	...	...	...
Pooree	13 0*z5*	13 0	18 6	...	...	...	21 0	24 0	21 0	25 0	30 0	27 0	...	...	...	...	...	...
Balasore	16 0*z6*	16 0	16 0	...	...	...	26 0	26 0	32 0	32 0	32 0	40 0	...	...	...	...	...	...
Chota Nagpore—South-Western Frontier Agency.																		
Hazaribagh	16 0*z7*	15 8	21 0	24 0	27 0	32 0	12 0	12 0	12 0	21 0	21 0	22 0	...	...	...	...	...	...
Lohardugga	19 0*z8*	20 0	22 0	30 0	28 0	32 0	23 0	22 0	22 0	27 0	26 0	24 0	...	...	...	...	...	...
Singbhoom	22 0	24 0	24 0	32 0	32 0	40 0	36 0	36 0	32 0	40 0	40 0	36 0	...	...	...	...	...	...
Manbhoom	13 0*z9*	13 8	18 0	...	...	40 0	18 0	20 0	21 0	33 0	36 0	33 0	...	...	45 0	...	...	...

BENGAL—*continued.*

DISTRICTS.	Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Coraloo, Murhwa, Nagiee), *Panicum Miliaceum, &c.*			Gram.			Firewood.			Salt.						DISTRICTS.
										Wholesale prices per maund of 10 seers.			Retail.			
	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	
	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. A. P.	Rs. A. P.	Rs. A. P.	S. Ch.	S. Ch.	S. Ch.	
Central Districts.																
Calcutta	...	...	...	22 14	24 10	22 13	90 0	90 0	90 0	2 10 0	2 10 0	...	13 8	13 8	10 0	Calcutta
24-Pergunnahs	...	...	...	20 0	20 0	21 4	90 0	90 0	90 0	2 12 0	3 0 0	4 4 0	14 8	13 5	9 8	24-Pergunnahs
Nuddea	...	...	...	22 14	26 0	26 10½	...	...	...	2 14 1	3 0 0	...	12 13½	12 13½	9 11½	Nuddea
Jessore	...	...	...	22 0	22 0	20 0	110 0	110 0	110 0	3 2 0	3 2 0	...	11 8	11 8	8 0	Jessore
Moorshedabad	...	...	...	32 0	32 0	32 0	120 0	120 0	120 0	3 5 0	3 5 0	...	10 8	10 8	9 0 to 10 0	Moorshedabad
Dinagepore	...	...	...	17 0	17 12	19 8	160 0	160 0	160 0	3 4 0	3 4 0	...	12 0	12 0	8 0	Dinagepore
Rajshahye	...	...	...	22 8 to 24 6	26 1 to 28 2	24 0	240 0	240 0	240 0	3 5 3	3 5 0	...	12 0	12 0	9 0	Rajshahye
Rungpore	...	...	...	15 0	15 0	12 0	135 0	135 0	120 0	3 5 0	3 5 0	...	11 8	11 8	8 12	Rungpore
Bogra	...	...	...	15 0	15 12	12 0	67 8	59 0	67 8	3 4 0	3 4 0	...	12 0	10 8	8 4	Bogra
Pubna	...	...	...	21 4	22 0	19 8	200 0	200 0	200 0	3 0 0	3 0 0	...	13 5	13 5	9 6	Pubna
Darjeeling	8 0	8 0	9 0	10 0	10 0	8 0	160 0	160 0	160 0	4 8 0	5 0 0	...	8 0	8 0	5 0	Darjeeling
Jalpaiguri	...	...	...	16 0	16 0	13 5	125 0	128 0	64 0	3 4 0	3 4 0	...	11 0	11 0	8 0	Jalpaiguri
Eastern Districts.																
Dacca	...	...	...	25 0	25 0	21 0	91 4	91 4	106 0	2 15 0	2 15 0	...	13 5	13 5	10 0	Dacca
Furreedpore	...	...	...	10 0	16 0	11 0	...	...	...	3 1 3	3 5 4	...	12 0	11 0	10 0	Furreedpore
Backergunge	...	...	...	21 0	21 0	18 0	100 0	100 0	100 0	3 11 0	3 11 0	...	10 9	10 9	8 12	Backergunge
Mymensingh	...	...	...	16 0	16 0	18 8	...	...	...	3 2 0	3 2 0	...	12 12	12 8	9 0	Mymensingh
Tipperah	...	...	...	18 8	20 0	18 0	...	...	...	3 2 0	3 6 0	...	12 12	11 0	9 8	Tipperah
Chittagong	...	...	...	16 0	16 0	16 0	80 0	80 0	80 0	2 11 0	2 11 0	3 14 0	13 0	13 0	7 0	Chittagong
Noakholly	...	...	...	15 0	15 0	16 0	...	...	...	3 8 0	4 4 0	...	10 0	9 0	8 0	Noakholly
Chittagong Hill Tracts	...	...	...	...	...	...	320 0	320 0	320 0	3 8 0	3 10 0	...	10 0	10 0	6 0	Chittagong Hill Tracts
Hill Tipperah	...	...	...	13 0	13 0	10 8	...	...	...	4 0 0	4 0 0	...	10 0	10 0	8 0	Hill Tipperah
Behar.																
Patna	...	...	...	34 0	36 0	35 0	130 0	130 0	120 0	3 3 0	3 0 0	...	10 8	11 0	...	Patna
Gya	...	...	...	28 0	27 0	32 0	160 0	160 0	180 0	3 4 0	3 6 0	...	12 0	12 0	9 0	Gya
Shahabad	...	...	...	32 0	32 0	33 0	120 0	120 0	140 0	3 2 0	3 1 0	...	12 0	12 0	9 8	Shahabad
Durbhunga	35 0	40 0	30 0	27 0	27 8	26 0	160 0	160 0	180 0	3 8 0	3 4 0	...	11 14	11 0	9 0	Durbhunga
Mozufferpore	...	...	...	29 0	30 0	32 8	140 0	140 0	140 0	3 4 0	3 5 0	...	12 0	12 0	8 8	Mozufferpore
Sarun	32 0	32 0	32 0	31 0	31 0	31 0	160 0	160 0	160 0	3 6 0	3 5 0	...	11 8	11 8	9 0	Sarun
Champarun	...	...	...	28 0	30 0	38 0	...	...	...	3 7 0	...	...	11 0	11 0	8 0	Champarun
Monghyr	...	...	...	35 10	36 12	34 10	126 0	126 0	126 0	3 1 0	3 2 0	...	12 14	12 0	8 6	Monghyr
Bhágalpur	...	...	...	31 3	32 3	31 9	138 5	138 14	139 0	2 15 0	2 15 0	...	12 10	12 10	9 6	Bhágalpur
Purneah	...	...	...	24 0	24 0	25 0	160 0	160 0	120 0	4 0 0	3 12 0	...	10 0	11 0	8 0	Purneah
Maldah	...	...	...	28 0	27 8	27 0	120 0	120 0	120 0	3 0 0	3 8 0	...	12 0	10 0	9 0	Maldah
Sonthal Pergunnahs	...	...	...	22 0	22 0	22 0	200 0	200 0	200 0	3 12 0	3 12 0	...	10 0	10 0	8 0	Sonthal Pergunnahs
Orissa.																
Cuttack	15 12	15 12	19 11	22 5	23 10	24 15	160 0	160 0	160 0	3 0 0	3 0 0	3 8 0	13 0	13 0	11 0	Cuttack
Pooree	...	...	...	14 0	17 8	19 0	100 0	102 0	100 0	3 2 0	3 6 0	4 6 0	13 0	11 0	9 3	Pooree
Balasore	...	...	...	16 0	16 0	13 5	160 0	160 0	116 0	3 2 0	3 2 0	4 6 0	13 0	13 0	9 4	Balasore
Chota Nagpore—South-Western Frontier Agency.																
Hazaribagh	35 0	36 0	48 0	21 0	21 0	22 0	240 0	240 0	200 0	3 7 3	3 7 3	...	11 0	11 0	8 0	Hazaribagh
Lohardugga	38 0	36 0	48 0	20 0	20 0	24 0	140 0	140 0	160 0	4 0 0	4 0 0	...	9 0	9 0	7 8	Lohardugga
Singbhoom	...	...	...	24 0	24 0	24 0	180 0	180 0	160 0	4 7 0	4 6 9	...	8 0	8 0	7 0	Singbhoom
Manbhoom	...	...	64 0	18 0	20 0	20 0	140 0	140 0	140 0	3 10 0	3 8 0	...	11 0	12 0	8 8	Manbhoom

BENGAL—*continued.*

f In the sub-divisions retail prices of salt are as follow:—Baraset 13 seers, Bussirhat 13 seers, Satchira, 10-10 seers, Diamond Harbour 10-8 seers, Barripore 10 seers, Barrackpore 12-12 seers and Dum Dum 12 seers.

g In the sub-divisions retail prices of salt are as follow:—Kooshtea 13 seers, Meherpore 12 seers, Chooadanga 12 seers, Ranaghat 14-8 seers, and Bongong 13-5 seers.

h In the sub-divisions retail prices of salt are as follow:—Jaemira 12 seers, Magoora 12 seers. Narail 12 seers Khoolna 11-10 seers, and Bagirhat 11 seers.

i In the sub-divisions retail prices of salt are as follow:—Lalbagh 10 seers, Jungipore 11-6 seers, and Kandi 11 8 seers.

j Retail price of salt at Rangunge 10-4 seers and at Nitpore 10 seers.

k In Nattore retail price of salt is 12 seers.

l In the sub-divisions retail prices of salt are as follows:—Kurigram 12 seers, Gaibanda 12 seers, and Bagdogra 12 seers.

m In Serajgunge retail price of salt is 13-12 seers.

n Retail price of salt at Fallacotta in Alipore sub-division is 10 seers.

o Retail price of salt at Manickgunge 12 seers, Moonsheegunge 10-10½ seers, Roopgunge 10-8 seers, Jaffergunge 10 seers, and Naraingunge 13-8 seers.

p In the sub-divisions retail prices of salt are as follow:—Goalundo 13 seers, Madaripore 13 seers, and Bhauga 13 seers.

q In the sub-divisions retail prices of salt are as follow:—Patuakhali 10-10 seers, Perozepore 11 seers, and Burla 10 seers.

r In the sub-divisions retail prices of salt are as follow:—Kishoregunge 13-5 seers, Attea 12 seers, and Jamalpore 11 seers.

s In the sub-divisions retail prices of salt are as follow:—Brahmunpariah 12-8 seers, Chandpore 13 seers.

t Retail price of salt at Hathazaree 12 seers, and Cox Bazar 10 seers.

u In the interior retail price of salt ranges from 8 to 11 seers.

v In the sub-divisions retail prices of salt are as follow:—Nowada 9 seers, Jehanabad 12 seers, and Aurungabad 11-8 seers.

w In the sub-divisions retail prices of salt are as follow:—Bhaboouh 10-8 seers, Sasseram 11-8 seers, and Buxar 11 seers.

x In the sub-divisions retail prices of salt are as follow:—Madhubani 11-4 seers and Tajpore 11 seers.

y In the interior retail prices of salt range from 7 to 13 seers.

z In the interior retail price of salt ranges from 9 to 12-8 seers.

z1 In the sub-divisions retail prices of salt are as follow:—Begusarai 12-5 seers and Jamui 12-4 seers.

z2 In the sub-divisions retail prices of salt are as follow:—Banka 11 seers, Mudehpoora 11-8 seers, and Soopole 11 seers.

z3 Retail price of salt at Kusba 13 seers, at Kishengunge 10 seers, and at Ramgunge in Arrareah sub-division 9 seers.

z4 Retail price of salt in Godda 10 seers and in Sarowhi 10 seers.

z5 In Khurda retail price of salt is 13 seers.

z6 In Bhadrak retail price of salt is 10 seers.

z7 Retail price of salt in Chatra 11 seers and in Kharagdiha 12 seers.

z8 Retail price of salt at Daltongunge 9 seers and at Lohardugga 9 seers.

z9 In the interior retail prices of salt range from 11 to 15 seers.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT INDIA FOR THE 2nd HALF OF MAY 1882—*continued.*

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

Provinces.	Districts	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholum, Jowar), *Holcus Sorghum.* Present fortnight.	Great Millet (Cholum, Jowar), *Holcus Sorghum.* Past fortnight.	Great Millet (Cholum, Jowar), *Holcus Sorghum.* Corresponding fortnight of 1881.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.* Present fortnight.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.* Past fortnight.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.* Corresponding fortnight of 1881.	Lesser Millets, &c. (Kavaru, Varagu, Sawge, Cheena, Coraloo, Murhwa, Nuglee). *Panicum Miliaceum, &c.* Present fortnight.	Lesser Millets, &c. (Kavaru, Varagu, Sawge, Cheena, Coraloo, Murhwa, Nuglee). *Panicum Miliaceum, &c.* Past fortnight.	Lesser Millets, &c. (Kavaru, Varagu, Sawge, Cheena, Coraloo, Murhwa, Nuglee). *Panicum Miliaceum, &c.* Corresponding fortnight of 1881.	Gram. Present fortnight.	Gram. Past fortnight.	Gram. Corresponding fortnight of 1881.	Firewood. Present fortnight.	Firewood. Past fortnight.	Firewood. Corresponding fortnight of 1881.	Salt. Wholesale. Present fortnight.	Salt. Wholesale. Past fortnight.	Salt. Wholesale. Corresponding fortnight of 1881.	Salt. Retail. Present fortnight.	Salt. Retail. Past fortnight.	Salt. Retail. Corresponding fortnight of 1881.	Districts.	Provinces.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. A. per maund.	Rs. A. per maund.	Rs. A. per maund.	S. Ch.	S. Ch.	S. Ch.		
Assam.	Sylhet	13 0	13 0	13 0	...	...	...	17 0	17 0	16 0	35 0	35 0	24 8	...	...	...	...	...	...	...	...	...	108 0	108 0	108 0	3 8	...	...	11 0	12 0	8 8	Sylhet	Assam.
	Cachar	10 10	10 10	10 10	12 13	17 12	16 0	16 0	26 10	19 0	21 5	30 8	22 12	...	...	...	...	...	...	...	...	...	80 0	80 0	64 0	3 6	...	...	10 10	10 10	8 10	Cachar	
	Goálpárá	26 11	32 0	20 0	...	...	...	13 5	13 5	16 0	20 0	20 0	20 0	...	...	...	...	...	...	...	...	...	120 0	120 0	120 0	3 8	...	...	10 2	10 2	8 0	Goálpárá	
	Gáro Hills	4 0	4 0	4 0	...	...	...	5 0	5 0	5 0	18 0	18 0	18 0	...	...	...	...	...	...	...	...	...	160 0	160 0	160 0	5 6	...	...	6 6	6 6	5 5	Gáro Hills	
	Kámrúp	20 0	13 4	14 0	...	...	...	13 0	14 8	18 0	18 0	18 0	22 0	...	...	...	...	...	...	...	...	...	160 0	200 0	200 0	3 8	...	...	11 8	11 8	8 0	Kámrúp	
	Darrang	...	...	6 0	...	...	...	10 0	8 0	8 0	16 0	16 0	12 8	...	...	...	...	...	...	...	...	...	160 0	160 0	160 0	4 8	...	...	8 0	8 0	6 0	Darrang	
	Nowgong	...	...	...	...	...	...	13 8	13 8	10 0	16 0	16 0	16 0	...	...	...	...	...	...	...	...	...	120 0	120 0	100 0	4 12	...	...	8 0	8 0	8 0	Nowgong	
	Sibságar	...	...	...	...	...	...	6 8	6 8	8 0	18 0	16 0	12 0	...	...	...	...	...	...	...	...	...	80 0	120 0	120 0	4 8	...	...	8 8	8 8	6 8	Sibságar	
	Lakhimpur	8 0	8 0	8 0	10 0	10 0	...	7 0	7 0	6 0	16 0	16 0	16 0	...	...	...	...	...	...	...	...	...	120 6	120 0	80 0	5 0	...	...	5 8	...	...	Lakhimpur	
	Khási & Jaintiá Hills	...	...	8 0	..	...	...	9 0	9 0	9 0	10 0	10 0	10 0	...	...	...	...	...	...	...	...	...	...	...	...	5 8	...	...	7 4	7 4	5 5	Khási & Jaintiá Hills	
	Nága Hills	...	...	...	...	...	...	5 0	5 0	4 0	8 0	8 0	...	...	...	...	...	...	...	...	...	...	120 0	120 0	120 0	15 0	...	...	2 11	2 11	2 8	Nága Hills	
Oudh.	Dehra Dún	19 0	19 8	19 0	30 0	31 0	32 0	11 0	11 0	11 0	11 0	12 8	12 8	12 8	24 0	24 0	20 0	20 0	20 0	16 0	21 8	24 0	18 12	160 0	160 0	160 0	S. Ch. 11 8	S. Ch. 11 8	S. Ch. 10 8	10 8	10 8	9 8	Dehra Dún	Oudh.
	Saharanpur	20 15½	20 15½	9 6	30 2	30 2	28 0	10 12	10 12	10 12	8 10	12 14	12 14	11 14	25 13	25 13	21 9	25 13	26 13	19 12	25 3½	20 8	15 8	150 8	157 8	150 8	12 6	12 6	10 3	12 1	12 1	10 3	Saharanpur	
	Muzaffarnagar	19 0	19 4	21 8	30 12	33 0	30 12	6 9	6 9	6 9	6 9	14 5	14 5	13 4	25 6	25 8	11 25	6 22	6 22	0 28	24 6	23 10	21 0	132 0	132 0	132 0	12 6	12 6	9 14	12 2	12 2	...	Muzaffarnagar	
	Meerut	8 0	18 8	21 8	25 0	25 0	20 0	6 0	6 0	6 0	5 8	16 0	16 0	14 0	25 0	27 0	20 0	22 0	22 0	16 8	22 8	23 0	22 0	110 0	110 0	110 0	11 8	11 8	10 0	11 0	11 0	9 8	Meerut	
	Bulandshahr	18 4	19 12	22 8	22 8	25 12	28 0	6 0	6 0	6 0	6 0	10 10	10 11	12 5	24 0	25 0	21 8	21 0	22 0	15 8	21 0	23 0	22 8	120 0	120 0	110 0	11 0	11 8	10 4	...	...	...	Bulandshahr	
	Aligarh	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	No return received			Aligarh	
	Kumaun	15 0	15 0	13 8	20 0	20 0	16 0	10 0	10 0	10 0	8 0	13 0	13 0	11 8	...	...	...	...	...	...	...	...	...	200 0	200 0	160 0	7 0	7 0	7 0	6 0	6 0	6 0	Kumaun	
	Garhwál	22 0	22 0	21 0	28 0	28 0	20 0	10 0	10 0	10 0	8 0	16 0	16 0	11 8	...	...	...	...	...	...	...	...	...	320 0	320 0	200 0	8 0	8 0	8 0	7 0	7 0	7 0	Garhwál	
	Bijnor	17 2	18 0	20 4	25 5	27 2	23 11	11 4	11 8	11 4	12 15	13 8	13 8	13 8	24 12	24 12	18 0	20 42	20 42	16 14	20 4	22 0	21 6	135 0	135 0	135 0	...	...	...	11 4	11 8	9 4	Bijnor	
	Moradabad	18 11	19 6	21 4	25 10	26 14	28 12	9 6	8 2	7 13	14 6	14 6	13 12	26 10	27 8	23 12	19 6	21 42	20 42	16 14	20 10	21 11	20 10	162 8	162 8	125 0	12 7	12 10½	...	12 3	12 8	10 10	Moradabad	
	Budaun	17 9½	19 14	21 14	21 9½	27 0	29 6	9 9½	9 9	6 0	15 2	15 13	13 12½	...	...	...	...	...	...	...	19 3	19 3	24 0	192 0	192 0	192 0	10 3	10 8	...	19 12½	9 9½	...	Budaun	
	Bareilly	17 8	19 1	20 0	25 0	25 10	28 12	8 2	8 2	7 8	15 0	15 0	14 6	22 8	23 12	25 0	16 14	17 8	22 8	12 0	20 0	20 0	20 0	125 0	125 0	137 8	11 11	11 11	...	11 4	11 4	10 0	Bareilly	
	Sháhjáhánpur	19 4	20 14	22 4	26 0	27 12	30 0	9 4	9 4	7 8	16 8	16 0	14 6	22 8	23 12	25 0	16 14	17 8	22 8	12 0	20 0	20 0	20 0	125 0	125 0	137 8	11 11	11 11	...	11 4	11 4	10 0	Sháhjáhánpur	
	Tarái Pergunnahs	20 0	21 12	22 0	31 4	35 0	35 0	10 0	10 0	8 12	13 12	15 0	14 0	...	...	...	25 0	...	...	...	21 8	21 12	21 0	200 0	200 0	160 0	11 8	11 8	10 0	11 0	11 0	9 4	Tarái Pergunnahs	
	Muttra	16 12	18 8	18 12	21 8	22 8	23 8	...	...	7 8	15 0	15 0	15 0	23 0	24 0	21 0	18 0	20 23	20 8	19 0	17 8	17 8	19 0	120 0	120 c	120 0	...	...	...	...	...	...	Muttra	
	Agra	17 0	17 4	18 8	21 8	22 0	22 8	6 8	6 0	6 0	14 0	14 0	13 8	22 0	23 0	23 0	20 0	20 19	20 19	0 8	21 0	22 0	20 0	110 0	110 0	100 0	12 0	13 14	...	11 0	12 1	10 0	Agra	
	Farukhabad	17 12	19 2	20 7	23 1	25 9½	27 11	8 3	8 3	6 3	14 6½	15 4	14 4	23 8	23 13½	...	...	...	...	...	21 0	21 0	20 8	100 0	100 0	110 0	13 0	13 0	11 0	12 8	12 8	10 8	Farukhabad	
	Mainpuri	18 0	20 0	19 0	21 0	25 0	24 4	5 0	5 0	4 0	11 0	11 0	12 4	...	...	...	...	...	...	...	21 6½	22 3½	22 2	156 8	156 8	156 12	11 14½	11 14½	...	10 14	11 5	9 0½	Mainpuri	
	Etáwah	17 8	19 0	18 12	22 8	24 8	19 12	6 0	6 0	6 0	14 8	14 8	14 13	22 8	22 8	23 0	20 23	20 23	20 8	0 8	20 0	22 8	18 4	160 0	160 0	160 0	10 8	10 8	...	10 0	10 0	8 12	Etáwah	
	Etah	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	23 0	25 8	20 4	120 0	120 0	120 0	10 8	10 8	10 8	10 0	10 0	10 0	Etah	
	Jalaun	19 0	22 0	20 0	20 0	22 0	24 0	10 0	10 0	8 0	13 0	13 0	12 0	30 0	30 0	24 0	25 0	26 0	20 0	0 8	...	...	...	...	...	...	...	...	...	No return received			Jalaun	
	Jhánsi	21 14½	23 10½	22 8	33 10	35 0	31 0	8 8	9 8	7 8	15 0	15 0	13 0	29 0	29 0	27 10	...	...	...	...	29 0	33 0	23 0	140 0	140 0	120 0	12 0	12 0	...	11 0	11 0	10 0	Jhánsi	
	Lalitpur	24 8	25 0	26 8	30 0	30 0	31 0	10 0	10 0	9 0	13 0	13 0	11 0	35 0	35 0	33 0	30 0	30 0	22 0	0 8	29 5½	31 7	25 9	200 0	200 0	200 0	12 12	11 14	9 0	11 12	11 3	8 8	Lalitpur	
	Cawnpore	18 4	19 12	21 0	26 8	28 0	26 0	11 0	11 0	0 8	16 0	16 0	15 0	28 0	30 0	27 0	26 0	26 8	26 8	0 8	34 0	34 0	33 0	180 0	180 0	200 0	12 0	12 0	...	11 8	11 8	9 0	Cawnpore	
	Fatehpur	16 10	18 8	17 12	22 0	26 4	21 8	10 12	10 5	9 8	17 0	17 0	13 4	...	...	...	...	...	...	...	24 4	26 8	24 0	150 0	150 0	165 0	12 8	12 8	...	12 4	12 4	10 8	Fatehpur	
	Bánda	19 0	21 4	19 0	23 0	28 0	24 0	9 0	9 0	9 0	15 0	15 8	15 8	32 0	35 0	25 0	33 0	33 0	25 0	0 8	21 12	25 4	21 8	200 0	200 0	200 0	9 10	9 10	...	9 6	9 6	9 4	Bánda	
	Allahabad	18 0	19 0	18 0	25 8	28 0	24 12	13 0	12 0	11 0	18 0	18 0	16 8	30 0	32 0	25 0	29 0	30 0	25 0	0 8	29 0	32 8	22 8	160 0	160 0	200 0	12 8	12 5	...	12 0	12 0	10 8	Allahabad	
	Hamirpur	18 0	20 0	19 6	24 4	...	22 8	11 0	12 0	10 0	...	...	13 8	25 0	30 0	21 15	...	...	...	...	26 4	28 0	23 6	140 0	140 0	160 0	12 0	12 0	...	11 0	11 0	...	Hamirpur	
	Jaunpur	19 12	20 14	21 14	31 12	33 2	31 1	8 7	8 7	7 12	14 2	14 2	15 8	...	...	...	22 9	22 9	10 12	0 8	25 6	26 13	26 13	169 8	169 8	141 4	9 11	9 11	...	9 9	9 9	8 15	Jaunpur	
	Gorakhpur	19 13	20 13	22 8	36 0	36 0	46 12¾	16 3	16 3	17 1½	21 4	21 9½	21 9½	...	...	...	...	...	...	...	33 3	32 6½	37 14½	160 0	160 0	160 0	11 13	11 13	...	9 9½	9 9½	8 6½	Gorakhpur	
	Bastí	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	No return received			Basti	
	Azamgarh	20 10	19 15	22 2	32 14	31 0	31 0	8 14	8 14	8 2	18 7	17 11	17 11	...	41 4	...	...	...	...	...	25 1	23 10	26 9	147 8	147 8	161 12	9 3	9 3	7 14	8 0	8 0	8 0	Azamgarh	
	Mirzapur	17 8	17 0	18 0	26 0	26 0	28 0	10 0	10 0	9 0	18 0	18 0	16 0	28 0	28 0	31 0	26 0	26 0	28 0	0 8	25 0	25 0	22 0	100 0	100 0	100 0	10 8	8 8	9 0	8 0	8 0	8 0	Mirzapur	
	Benares	16 13	17 5½	19 8	26 13	27 13½	26 9	12 3	12 7	13 9	18 11½	18 11½	19 8	28 10½	28 11½	28 12	27 10	27 10	28 12	0 8	24 6	24 15	25 8	120 0	120 0	120 0	11 4	11 4	...	9 9	9 9	9 4	Benares	
	Gházipur	19 5	19 5	21 14	28 5	28 5	32 13	10 15½	10 15½	10 15	20 15½	20 15½	18 0	35 1	36 1	33 10	27 0½	27 0½	29 10	0 8	29 10	27 0½	28 5	129 0	129 0	154 8	10 7½	10 7½	...	9 13	9 13	9 1	Gházipur	
	Balia	17 8	17 0	22 8	28 12	28 12	38 12	10 0	10 0	10 0	15 0	15 0	22 8	...	...	...	...	...	...	...	29 4	28 12	33 12	160 0	100 0	125 0	9 6	9 8	...	9 6	9 6	...	Balia	
	Pilibhít	20 12	22 2	20 0	30 0	34 4	33 12	15 0	15 8	15 0	17 8	17 0	17 8	...	...	...	...	...	...	...	18 10	20 4	21 0	150 0	150 0	150 0	12 0	12 0	11 0	11 4	11 4	10 0	Pilibhít	
N. W. Provinces.	Lucknow	17 15	18 11	20 5½	27 2	28 1½	27 12	6 0	6 0	6 0	14 10½	14 10½	14 0	27 3	27 8	27 12	24 12	25 5	23 3	6 0	21 15	22 10½	20 14	120 0	120 0	110 0	9 8	9 8	9 8	9 0	9 0	9 0	Lucknow	N. W. Provinces.
	Unáo	18 0	19 8	20 1	24 0	28 0	25 0	10 0	12 0	7 3	15 0	16 0	14 0	...	26 0	...	...	...	...	...	22 0	26 8	19 11	160 0	160 0	160 0	...	...	...	10 0	9 0	9 0	Unáo	
	Bára Banki	18 4	19 0	20 8	26 0	28 0	28 0	10 0	9 0	8 0	18 0	18 0	14 0	32 0	32 0	30 0	26 0	22 0	18 0	0 8	23 0	24 0	23 0	130 0	130 0	120 0	12 0	12 0	10 0	9 8	9 8	9 0	Bára Banki	
	Sitapur	20 10	22 4	23 12	30 12	33 4	30 12	8 0	8 0	8 8	19 0	19 0	15 0	21 5½	22 0	...	26 0	22 0	18 0	0 8	22 8	23 0	21 12	160 0	160 0	160 0	11 8	11 8	...	10 8	10 8	9 0	Sitapur	
	Hardui	17 13	18 5	20 5	25 5	25 12	33 12	8 7	7 13	5 10	13 2	13 2	13 2	...	21 9	...	23 0	5½ 21	0 21 2	0 8	19 8	20 0	18 12	240 0	240 0	240 0	8 17	8 17	7 8	7 8	7 8	8 8	Hardui	
	Kheri	21 4	21 0	22 0	30 0	28 0	34 0	7 0	7 4	7 0	15 0	15 0	14 0	34 0	32 0	...	...	22 8	...	...	19 8	20 0	23 7	240 0	240 0	240 0	9 0	9 8	11 0	9 0	10 0	10 0	Kheri	
	Fyzabad	17 14	18 4	20 0	29 8	30 0	30 0	11 8	11 8	11 8	17 12	18 0	15 8	34 8	36 0	...	...	...	...	...	24 12	25 12	23 8	120 0	120 0	140 0	10 0	9 8	9 0	8 8	8 8	8 8	Fyzabad	
	Bharaich	18 0	18 0	23 0	37 0	37 0	33 0	9 0	9 0	9 0	18 0	18 0	18 0	33 0	35 0	45 0	14 0	20 8	...	...	27 0	27 0	26 0	160 0	160 0	160 0	...	...	...	9 0	9 0	8 4	Bharaich	
	Gonda	21 0	22 1	24 14	37 0	39 0	44 0	16 8	15 4	16 8	18 12	19 4	17 8	44 0	42 8	44 0	25 0	25 0	24 0	0 8	30 8	28 14	28 6	210 0	210 0	200 0	11 8	11 4	...	11 4	11 0	9 8	Gonda	
	Rai Bareli	18 8	20 10	19 4	22 0	27 4	22 0	...	...	...	18 0	18 0	13 0	25 0	23 8	...	20 22	0 ...	...	...	19 0	21 8	17 14	160 0	160 0	160 0	...	...	...	9 0	9 0	8 0	Rai Bareli	
	Sultánpur	21 0	22 8	21 8	30 0	34 0	28 0	11 0	11 0	11 0	20 0	20 0	16 0	...	...	...	21 0	22 0	...	...	29 0	30 0	22 8	160 0	160 0	160 0	11 8	11 8	9 12	11 13	11 4	9 8	Sultánpur	
	Partábgarh	20 5	22 0	21 1	28 14	33 7	28 6	16 11	17 8	13 5	18 0	18 8	14 2	...	...	...	21 0	21 0	14 0	0 8	25 6	25 4	20 6	200 0	200 0	200 0	11 0	10 0	10 0	10 0	9 0	8 11	Partábgarh	
Punjab.	Delhi	17 8	18 0	20 4	33 12	24 0	27 0	...	...	...	15 0	15 0	13 0	24 0	24 0	20 8	19 0	19 0	18 8	0 8	21 12	22 0	21 8	85 0	85 0	90 0	12 12	12 8	...	12 4	12 0	11 8	Delhi	Punjab.
	Gurgaon	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	No return received			Gurgáon	
	Karnal	20 8	19 0	20 0	30 0	29 0	30 0	...	...	...	12 0	12 0	12 0	29 0	29 0	25 0	20 0	20 22	0 22	0 8	21 0	24 8	23 8	160 0	161 0	160 0	11 12	11 12	...	11 8	11 8	11 0	Karnal	
	Hissar [a]	19 0	21 0	17 0	30 0	31 0	22 0	...	...	...	10 0	10 0	10 0	34 0	36 0	25 0	23 0	23 0	21 0	0 8	28 0	29 8	24 0	80 0	80 0	100 0	11 0	12 8	...	11 0	12 0	10 0	Hissar	
	Rohtak	17 4	20 0	18 12	25 0	28 0	24 0	...	...	...	9 0	9 0	11 0	25 0	27 0	25 0	22 0	24 0	20 0	0 8	23 0	25 0	23 0	100 0	100 0	100 0	10 2	10 10	...	10 1	10 0	10 8	Rohtak	
	Sirsa	23 0	21 12	17 8	30 0	38 8	32 0	...	...	...	14 0	14 0	11 0	41 4	44 0	26 0	32 0	33 0	22 0	0 8	34 0	33 2	26 8	120 0	120 0	120 0	12 8	12 8	...	12 0	12 0	9 0	Sirsa	
	Umballa	23 12	23 8	19 8	33 0	33 0	33 0	...	...	...	13 0	13 0	13 0	33 0	33 0	26 0	33 0	33 0	23 0	0 8	28 0	25 0	23 4	130 0	130 0	160 0	13 12	13 8	...	13 8	13 8	11 12	Umballa	
	Ludhiana [b]	25 0	25 0	19 8	34 0	37 0	30 0	...	...	...	12 0	12 0	12 0	35 0	33 0	25 0	30 0	30 0	17 0	0 8	29 0	30 8	25 0	100 0	100 0	100 0	14 9	14 9	...	11 8	11 8	12 0	Ludhiana	
	Simla [c]	17 8	17 0	15 0	...	...	...	...	...	...	12 0	13 0	11 0	...	...	...	...	...	...	...	18 12	20 6	16 8	80 0	80 0	90 0	10 12	10 12	...	10 1	10 1	9 0	Simla	
	Jullundur	24 8	24 0	20 0	43 0	42 0	32 0	...	...	...	8 0	8 0	8 0	37 0	36 0	28 0	23 0	22 0	16 0	0 8	30 0	31 0	21 8	105 0	105 0	100 0	14 8	14 8	...	14 0	14 0	11 8	Jullundur	
	Hoshiárpur [a]	24 8	26 0	22 4	55 0	39 0	32 0	...	...	...	11 0	12 0	10 8	31 0	31 0	24 0	19 0	20 0	16 0	0 8	29 0	30 0	23 8	100 0	100 0	120 0	14 0	16 0	...	13 8	15 0	11 8	Hoshierpur	
	Kangra	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	No return received			Kangra	

* Mánowa: Present 35 seers, past 36 seers, corresponding 23 seers and 5 chittacks.

[a] Price of barley rising.

[b] Price of barley and jowar rising.

[c] Price of barley rising.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT INDIA FOR THE 2nd HALF OF MAY 1882—*continued.*

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

Provinces.	Districts.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholum, Jowar, *Holcus Sorghum.* Present fortnight.	Great Millet (Cholum, Jowar, *Holcus Sorghum.* Past fortnight.	Great Millet (Cholum, Jowar, *Holcus Sorghum.* Corresponding fortnight of 1881.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.* Present fortnight.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.* Past fortnight.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.* Corresponding fortnight of 1881.	Lesser Millets, Ragi, &c. (Kavaru, Veraru, Sawee, Cheenu, Coraloo, Murwa, Nugiee), *Panicum Miliaceum, &c.* Present fortnight.	Lesser Millets, Ragi, &c. (Kavaru, Veraru, Sawee, Cheenu, Coraloo, Murwa, Nugiee), *Panicum Miliaceum, &c.* Past fortnight.	Lesser Millets, Ragi, &c. (Kavaru, Veraru, Sawee, Cheenu, Coraloo, Murwa, Nugiee), *Panicum Miliaceum, &c.* Corresponding fortnight of 1881.	Gram. Present fortnight.	Gram. Past fortnight.	Gram. Corresponding fortnight of 1881.	Firewood. Present fortnight.	Firewood. Past fortnight.	Firewood. Corresponding fortnight of 1881.	Salt. Wholesale. Present fortnight.	Salt. Wholesale. Past fortnight.	Salt. Wholesale. Corresponding fortnight of 1881.	Salt. Retail. Present fortnight.	Salt. Retail. Past fortnight.	Salt. Retail. Corresponding fortnight of 1881.	Districts.	Provinces.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.		
Punjab—*continued.*	Amritsar [a]	25 0	23 8	21 0	39 0	49 0	29 8	...	...	...	12 8	12 8	11 8	29 4	34 4	29 8	24 8	25 8	17 8	...	...	...	31 4	33 4	22 8	90 0	85 0	90 0	15 4	14 14	...	14 12	14 6	12 8	Amritsar	Punjab—*continued.*
	Siálkot	24 8	23 8	19 8	37 0	39 0	28 8	...	...	...	16 0	16 0	13 0	25 0	28 0	16 0	24 0	24 0	18 0	...	...	...	26 0	28 0	18 8	140 0	140 0	140 0	15 4	15 0	...	15 0	14 8	12 4	Siálkot	
	Gurdáspur	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	No return received			Gurdáspur	
	Lahore [b]	22 0	23 0	19 0	33 0	40 0	29 0	...	...	...	10 0	10 0	9 0	30 0	30 0	23 0	22 0	23 0	16 0	...	...	...	28 0	31 0	20 0	80 0	80 0	100 0	15 0	15 0	...	14 0	14 0	11 0	Lahore	
	Ferozepore [c]	21 8	21 4	18 0	34 0	38 0	29 0	...	...	...	11 0	11 6	10 0	38 0	37 0	33 0	36 0	...	...	...	...	...	29 0	33 0	24 0	70 0	70 0	70 0	13 0	13 4	...	13 0	13 0	11 0	Ferozepore	
	Gujránwála	23 0	21 4	18 8	38 0	36 0	32 0	...	...	...	12 0	12 0	12 0	30 0	30 0	20 0	23 0	22 0	16 0	...	...	...	27 8	27 8	18 8	95 0	95 0	95 0	15 4	15 4	...	15 0	15 0	12 4	Gujránwála	
	Ráwalpindi [d]	19 0	17 12	12 8	29 0	31 0	20 0	...	...	...	8 0	13 6	6 4	28 0	30 0	17 0	21 0	25 0	15 0	...	...	...	28 0	25 0	16 8	90 0	90 0	90 0	16 8	16 0	...	16 0	15 8	13 0	Ráwalpindi	
	Jhelum [e]	23 0	20 0	15 0	32 0	25 0	22 5	...	...	...	11 0	10 0	8 0	23 0	25 0	13 0	22 0	23 0	17 0	...	...	...	26 0	26 0	17 12	100 0	100 0	100 0	...*	...*	...	15 0	15 0	12 8	Jhelum	
	Gujrát	26 8	26 0	18 8	39 8	40 0	29 0	...	...	...	12 0	12 0	8 0	21 0	21 0	19 0	28 0	29 0	17 0	...	...	...	24 0	23 0	18 0	320 0	320 0	320 0	17 0	17 0	...	16 0	16 0	14 0	Gujrát	
	Shahpúr	20 0	20 0	15 12	31 0	32 0	23 0	...	...	...	12 0	12 0	10 0	21 0	21 0	15 0	20 0	20 0	15 0	...	...	...	23 0	23 8	17 0	90 0	90 0	80 0	14 0	13 12	...	13 8	13 8	12 0	Shahpúr	
	Mooltan	17 8	18 0	13 8	25 0	27 0	21 0	...	...	...	10 0	10 0	8 0	24 0	24 0	13 0	24 0	24 0	12 0	...	...	...	24 0	24 8	16 0	200 0	200 0	200 0	14 5	14 8	...	14 0	13 12	12 8	Jhang	
	Jhang	19 8	21 0	15 0	29 8	28 0	21 0	...	...	...	10 0	10 0	8 0	14 0	16 0	15 0	16 0	16 0	14 0	...	...	...	27 0	29 0	19 0	200 0	200 0	200 0	12 0	11 4	...	11 0	10 4	10 8	Montgomery	
	Montgomery	21 0	23 0	14 8	30 0	30 0	20 0	...	...	...	5 8	5 8	5 0	32 0	33 0	0 ...	...	24 0	...	...	...	...	21 8	21 0	16 0	100 0	100 0	100 0	...*	...*	...	13 8	13 0	11 8	Muzaffargarh	
	Muzaffargarh	20 0	19 0	16 0	28 0	28 0	23 0	...	...	...	5 0	5 0	5 0	20 0	20 0	13 0	20 0	20 0	12 0	...	...	...	26 6	25 8	23 5	100 0	100 0	100 0	55 0	55 0	...	53 0	53 0	50 0	Dera Ismail Khán	
	Dera Ismail Khán	18 12	18 9	16 1	30 1	33 1	24 6	...	...	...	8 12	8 12	7 8	30 0	31 0	15 0	25 0	24 0	15 10	...	...	...	...	...	...	...	...	...	...	...	...	No return received			Dera Ghází Khán	
	Dera Ghází Khán	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...				Bannu	
	Bannu																																			
	Pesháwar	17 2	16 10	10 9	34 8	31 8	23 4	...	...	...	9 8	9 8	6 5	27 8	26 0	15 12	13 6	14 6	9 8	...	...	...	19 0	19 0	14 14	91 0	91 0	61 0	55 4	55 4	...	53 0	53 0	37 8	Pesháwar	
	Kohát	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	No return received			Kohát	
	Házára	...	...	...	34 0	34 0	27 0	...	...	...	14 0	...	10 8	...	32 0	...	...	...	...	...	...	...	19 0	18 0	12 0	140 0	140 0	110 0	...	...	...	12 0	12 0	9 0	Házára	
Central Provinces.	Nágpur	16 0	17 4	22 4	...	...	...	8 12	8 8	9 12	16 0	16 0	15 0	25 12	24 12	30 0	...	...	...	...	...	...	24 12	23 8	25 0	130 0	150 0	120 0	11 8	11 4	10 8	11 4	11 0	10 4	Nágpur	Central Provinces.
	Bhandára	20 0	22 0	25 4	...	...	...	11 4	11 4	9 12	21 4	21 4	17 8	24 12	24 12	24 0	...	...	...	...	...	...	24 12	31 4	29 0	...	...	...	11 0	11 0	10 8	10 12	10 8	10 0	Bhandára	
	Chánda	17 8	16 0	25 0	...	...	...	...	...	...	12 0	12 8	16 8	25 0	32 0	36 8	...	...	...	...	...	...	28 0	27 8	18 8	95 0	95 0	95 0	15 4	15 4	...	15 0	15 0	12 4	Gujránwála	
	Wardha	20 8	21 8	24 8	...	...	...	8 12	8 12	9 0	13 0	12 12	15 4	28 0	31 0	28 4	...	...	...	...	...	...	32 0	35 0	25 0	275 0	275 0	275 0	12 0	10 0	...	10 0	10 0	9 8	Bálaghát	
	Bálaghát	20 0	25 0	25 0	...	...	...	16 4	17 8	15 0	26 0	26 0	25 0	...	...	...	...	...	...	...	...	...	29 0	30 0	24 0	120 0	120 0	110 0	10 12	11 4	...	10 10	11 0	8 8	Jubbulpore	
	Jubbulpore	17 8	19 0	22 0	25 0	26 0	26 0	11 0	11 8	11 0	19 0	18 0	19 0	24 0	23 0	35 0	18 8	18 8	25 0	...	...	...	26 0	29 0	30 0	160 0	160 0	160 0	9 0	9 0	...	8 12	8 12	7 10	Saugor	
	Saugor	21 0	22 8	31 0	...	...	...	8 0	8 0	9 0	10 0	10 0	10 0	...	...	...	...	...	...	...	...	...	41 0	39 0	30 0	200 0	200 0	200 0	9 8	9 0	7 0	9 4	8 12	6 12	Damoh	
	Damoh	26 8	26 8	11 0	...	...	...	12 12	12 12	13 4	13 12	13 12	13 12	...	...	...	...	...	...	...	...	...	27 0	30 0	27 0	220 0	220 0	220 0	10 0	9 0	5 4	9 8	8 8	5 0	Seoni	
	Seoni	22 0	24 0	28 0	...	...	...	13 0	13 8	13 0	19 8	19 8	18 0	...	...	95 0	...	...	...	...	...	...	35 0	32 0	35 0	55 0	50 0	57 0	...	...	...	8 0	8 0	5 12	Mandla	
	Mandla	25 0	28 8	29 0	...	...	...	15 0	16 0	16 0	18 0	19 0	23 0	...	...	...	...	...	...	...	...	...	18 8	18 8	25 8	20 0	20 0	35 0	9 8	9 8	9 0	9 0	9 0	7 0	Betúl	
	Betúl	18 8	18 8	25 0	...	...	...	10 0	9 0	12 0	11 0	10 0	13 0	21 0	24 0	19 0	...	...	...	...	...	...	20 0	20 0	27 0	27 0	27 0	30 0	9 0	9 0	8 0	8 0	8 0	8 0	Chhindwára	
	Chhindwára	22 0	22 0	22 0	...	...	...	9 0	9 0	10 0	14 0	14 0	14 0	28 0	28 0	30 0	...	...	...	...	...	...	...	23 4	31 8	26 0	160 0	160 0	160 0	9 7	7 14	...	8 14	7 0	5 2	Hoshangabad	
	Hoshangabad	14 10	15 8	18 4	...	...	...	4 0	4 8	4 4	11 4	11 4	9 4	21 0	27 0	36 8	22 0	22 10	28 0	...	...	...	26 0	31 0	11 0	160 0	160 0	160 0	9 10	9 0	6 12	9 2	8 8	6 8	Narsinghpur	
	Narsinghpur	15 12	19 0	23 8	...	...	...	10 0	10 0	11 0	13 8	13 8	12 0	...	...	50 0	...	...	15 0	...	...	...	21 1	22 6	26 8	160 0	160 0	120 0	13 8	13 8	9 8	13 0	9 0	Nimár	
	Nimár	16 4	18 0	20 0	...	...	...	...	...	...	12 4	11 8	11 0	24 4	29 7	40 0	24 0	25 5	34 0	...	...	...	32 0	32 0	40 0	60 0	70 0	60 0	8 8	9 0	9 0	8 8	8 12	8 8	Raipur	
	Raipur	28 0	31 8	40 0	...	...	...	20 0	21 8	17 0	34 0	38 0	31 0	...	...	...	...	...	...	...	...	...	26 0	28 0	24 0	120 0	120 0	220 0	9 8	9 0	8 0	9 0	8 8	7 8	Sambalpur	
	Sambalpur	27 0	28 0	24 0	...	...	...	34 4	36 0	30 0	47 0	52 0	35 0	...	...	...	...	...	...	...	...	...	32 0	32 0	40 0	60 0	70 0	60 0	8 8	9 0	9 0	8 8	8 12	8 8	Raipur	
	Bilaspur	54 0	54 0	72 0	...	...	...	36 0	36 0	32 0	67 0	63 0	54 0	...	...	...	...	...	...	...	...	...	63 0	48 0	56 0	140 0	140 0	140 0	...	...	...	8 0	8 0	7 8	Bilaspur	
British Burma.	*Arakan Division.*																																			*Arakan Division.*	British Burma.
	Akyab																																			Akyab	
	Northern Arakan																																			Northern Arakan	
	Kyoukpyoo																																			Kyoukpyoo	
	Sandoway																																			Sandoway	
	Pegu Division.																																			*Pegu Division.*	
	Rangoon town and Hanthawaddy																																			Rangoon town and Hanthawaddy	
	Tharrawaddy																																			Tharrawaddy	
	Prome																																			Prome	
	Irrawaddy Division.																																			*Irrawaddy Division.*	
	Henzada																																			Henzada	
	Bassein	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	No return received			Bassein	
	Thonegwa																																			Thonegwa	
	Thayetmyo																																			Thayetmyo	
	Tenasserim Division.																																			*Tenasserim Division.*	
	Moulmein town and Amherst																																			Moulmein town and Amherst	
	Tavoy																																			Tavoy	
	Mergui																																			Mergui	
	Toungoo																																			Toungoo	
	Shwaygyin																																			Shwaygyin	
	Salween																																			Salween	
Hyderabad Assigned Districts.	Secunderabad	16 12	16 12	15 8	...	...	...	6 13	7 2	...	9 13	9 13	10 3	23 11	24 14	23 0	27 0	27 0	...	...	...	...	18 13	19 7	21 6	130 0	130 0	125 0	11 0	11 0	9 8	10 7	10 7	9 1	Secunderabad	Hyderabad Assigned Districts.
	Bolarum	18 12	18 12	17 11	...	...	...	7 6	7 6	7 11	8 12	9 8	9 9	27 0	27 0	25 11	...	...	...	...	...	...	20 7	20 4	23 12	116 14	116 14	116 14	...	...	...	10 9	10 9	9 8	Bolarum	
	Chudderghat	15 0	15 4	9 0	...	...	...	7 0	6 8	6 0	8 12	8 8	9 0	26 0	27 0	21 0	33 0	34 0	30 0	...	...	...	19 0	19 8	24 0	80 0	80 0	80 0	...	...	...	9 8	9 8	8 12	Chudderghat	
	Amráoti	15 0	17 0	21 0	11 0	11 0	10 0	8 0	8 0	7 8	10 0	10 0	9 0	26 0	28 0	36 0	24 0	26 0	26 0	...	...	...	21 0	22 0	22 0	70 0	70 0	80 0	12 8	12 8	11 8	12 0	12 0	11 0	Amraoti	
	Akola	15 0	18 0	23 0	...	...	...	8 0	8 0	7 8	10 0	10 0	9 0	26 0	28 0	36 0	24 0	26 0	26 0	...	...	...	23 0	23 0	28 0	64 0	64 0	64 0	11 0	10 0	9 0	10 0	9 0	9 0	Akola	
	Ellichpur	14 0	14 0	21 0	12 0	12 0	12 0	6 0	6 0	8 0	8 0	8 0	7 0	30 0	28 0	44 0	23 0	23 0	24 0	...	...	...	16 0	16 0	22 0	64 0	64 0	64 0	...	...	...	9 0	9 0	9 0	Ellichpur	
	Buldána	19 0	20 0	26 0	...	...	...	7 0	7 8	7 8	10 8	10 8	8 0	32 0	32 0	42 0	30 0	36 0	30 0	...	...	...	28 0	28 0	35 0	...	...	...	...	...	...	11 0	10 0	10 0	Buldana	
	Wún	15 0	16 0	18 0	...	...	...	5 0	5 4	5 0	12 0	12 0	5 0	30 0	33 0	50 0	0 ...	...	...	...	...	...	26 0	28 0	29 0	64 0	64 0	64 0	11 0	10 0	8 8	10 0	9 0	8 0	Wún	
	Basim	20 0	20 0	25 8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Basim	

[a] Price of barley, jowar, and gram rising. [b] Price of barley, bajra and gram rising. [c] Price of barley and gram rising. [d] Price of rice and bajra rising. [e] Price of wheat and barley falling. * Salt not sold wholesale.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT INDIA FOR THE 2nd HALF OF MAY 1882—*concluded.*

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

Provinces.	Districts.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholum, Jowar), *Holcus Sorghum.* Present fortnight.	Great Millet (Cholum, Jowar), *Holcus Sorghum.* Past fortnight.	Great Millet (Cholum, Jowar), *Holcus Sorghum.* Corresponding fortnight of 1881.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.* Present fortnight.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.* Past fortnight.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.* Corresponding fortnight of 1881.	Lesser Millets, Ragi, &c. (Kavarn, Varagu, Sawee, Cheena, Coraloo, Murhwa, Nuglee), *Panicum Miliaceum,* &c. Present fortnight.	Lesser Millets, Ragi, &c. (Kavarn, Varagu, Sawee, Cheena, Coraloo, Murhwa, Nuglee), *Panicum Miliaceum,* &c. Past fortnight.	Lesser Millets, Ragi, &c. (Kavarn, Varagu, Sawee, Cheena, Coraloo, Murhwa, Nuglee), *Panicum Miliaceum,* &c. Corresponding fortnight of 1881.	Gram. Present fortnight.	Gram. Past fortnight.	Gram. Corresponding fortnight of 1881.	Firewood. Present fortnight.	Firewood. Past fortnight.	Firewood. Corresponding fortnight of 1881.	Salt. Wholesale. Present fortnight.	Salt. Wholesale. Past fortnight.	Salt. Wholesale. Corresponding fortnight of 1881.	Salt. Retail. Present fortnight.	Salt. Retail. Past fortnight.	Salt. Retail. Corresponding fortnight of 1881.	Districts.	Provinces.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.		
Mysore.	Bangalore	11 12	12 2	12 5	13 4	13 12	14 8	10 2	10 2	10 7	11 5	11 3	11 14	25 9	24 3	27 8	...	...	...	24 8	24 5	34 13	30 8	32 4	39 9	84 0	84 0	90 0	12 12	13 0	10 8	12 8	12 12	10 0‡	Bangalore	Mysore.
	Kolar	...	...	...	11 2	11 2	11 0	12 11	12 11	11 14	15 3	15 7	15 3	...	...	...	...	...	...	31 0	30 0	37 2	34 3	34 3	45 10	172 6	172 6	172 6	13 8	13 8	11 5	13 3	13 3	11 1‡	Kolar	
	Túmkúr	14 8	14 0	15 8	13 0	14 0	16 0	12 0	12 0	12 8	12 8	13 0	14 8	...	...	...	...	...	...	33 0	27 0	48 0	36 0	36 0	48 0	340 0	340 0	340 0	11 0	10 8	12 8	10 8	10 0	12 0§	Túmkúr	
	Mysore	11 0	11 0	11 1	...	...	...	10 8	10 0	11 12	11 0	10 8	13 5	...	...	...	...	...	...	18 0	19 0	30 12	27 0	24 0	36 0	84 0	84 0	75 0	8 4	9 0	8 8	8 0	8 12	8 5‡	Mysore	
	Hassan	13 0	10 0	16 0	14 0	12 0	16 0	10 0	9 8	13 0	10 8	10 0	16 0	...	...	...	...	...	...	22 0	20 0	40 0	24 8	23 0	40 0	600 0	600 0	600 0	...	...	...	8 8	8 8	8 0‡	Hassan	
	Shimoga	11 11	11 11	11 11	15 12	15 4	16 13	10 8	10 8	13 10	13 10	12 10	16 13	27 5	27 5	18 5	...	...	...	28 14	28 14	55 10	29 6	26 4	45 2	480 0	480 0	480 0	10 8	10 8	...	9 7	10 8	8 6‡	Shimoga	
	Kadur	16 0	16 0	14 0	15 0	15 0	...	10 0	10 0	18 0	13 0	13 0	19 0	...	...	...	...	...	...	22 0	22 0	42 0	22 0	22 0	32 0	64 0	64 0	60 0	...	...	...	8 0	8 0	9 0‡	Kadur	
	Chitaldroog	16 0	16 0	16 0	16 0	18 0	20 0	11 0	11 0	12 0	12 0	12 0	13 0	32 0	32 0	60 0	28 0	28 0	18 0	37 0	37 0	57 10	28 0	24 0	48 0	100 0	100 0	100 0	12 0	12 0	12 0	12 0	12 0	9§	Chitaldroog	
Coorg	Coorg	8 11	9 0	8 12	9 5	9 12	9 9	11 8	11 8	13 0	13 8	13 10	19 6	...	...	...	...	...	...	20 6	20 13	37 3	21 11	23 7	35 1	110 0	110 0	110 0	10 8	10 10	...	9 4	9 8	9 15	Coorg	Coorg
Rajpootana.	Jeypore	16 8	16 4	15 12	21 0	21 0	22 12	6 0	6 0	6 0	9 0	9 4	9 8	20 0	21 0	25 0	19 0	20 0	19 0	...	...	...	18 0	19 4	18 0	...	...	...	14 0	14 5	...	13 8	13 8	11 4	Jeypore	Rajpootana.
	Kishengurh	16 12	16 12	17 0	22 12	22 12	27 8	9 0	9 0	8 0	10 0	10 0	9 12	22 0	22 0	27 4	20 8	20 8	21 0	...	...	...	23 0	23 0	26 4	...	...	...	...	...	...	16 12	16 12	12 8	Kishengurh	
	Kerrowlee	17 0	17 8	*	23 0	21 8	*	13 8	13 8	*	15 0	15 0	*	20 0	21 8	*	17 8	18 8	*	...	...	...	19 0	21 8	*	...	...	...	13 7	14 6	...	12 8	13 8	*	Kerrowlee	
	Ulwur	17 10	18 0	17 15	24 14	22 5	23 0	8 0	8 0	8 0	12 0	12 0	11 10	22 2	24 0	24 0	17 5	20 0	19 15	...	...	...	20 9	21 9	18 5	...	...	...	15 13	15 13	...	15 6	15 8	12 8	Ulwur	
	Bhurtpore (City)	18 8	18 0	17 8	24 0	24 8	23 4	6 8	6 8	6 8	11 0	11 0	7 4	23 8	27 0	25 0	19 8	20 8	20 0	...	...	...	22 0	23 0	18 8	...	...	...	14 8	14 8	...	13 8	14 0	12 4	Bhurtpore (City)	
	Ajmere	14 8	15 8	15 8	20 0	23 0	23 0	5 0	5 0	5 0	8 0	8 0	8 0	18 0	18 0	22 0	18 0	19 0	23 0	...	...	...	20 0	22 0	22 0	70 0	70 0	60 0	...	...	...	15 0	15 0	12 0	Ajmere	
	Deoli Cantonment	17 14	17 10	19 10	22 5	22 12	25 3	...	...	...	10 8	10 8	10 8	22 0	22 6	28 2	17 0	17 6	22 0	...	...	...	22 0½	23 6	24 0	...	...	...	...	...	...	13 12	13 12	11 3	Deoli Cantonment	
	Erinpura	17 3	18 1½	17 4	29 14	32 0	26 10	...	...	...	8 0	8 0	7 0	25 0	25 0	24 0	22 0	26 6	23 0	...	...	...	23 2	21 6½	21 8	170 0	170 0	160 0	Rs. A. P. per md. 3 1 2	Rs. A. P. per md. 3 1 2	...	12 0	12 0	11 0	Erinpura	
	Sirohee	17 12	...	17 0	30 0	...	29 0	7 0	...	6 0	8 8	...	7 9	18 0	...	18 0	21 0	...	24 0	...	...	...	23 0	...	20 0	160 0	...	120 0	...	...	...	11 7	...	11 7	Sirohee	
	Abu	15 8	15 12	15 14	22 4	24 0	27 4	6 8	6 8	5 8	8 0	8 0	7 4	...	...	...	17 12	17 8	20 12	...	...	...	18 0	19 0	18 0	160 0	160 0	160 0	3 8	3 8	0	10 8	10 8	10 8	Abu	
	Anadra	17 4	18 0	18 0	36 8	28 0	36 0	7 0	7 0	6 0	9 0	8 8	8 8	...	...	...	20 0	20 8	24 8	...	...	...	20 12	22 0	20 8	...	...	...	3 12 0	3 12 0	...	11 8	11 8	11 8	Anadra	
	Hilly Tracts of Meywar	21 8	22 8	24 8	28 0	30 0	44 0	...	...	...	19 0	18 0	15 0	...	...	...	20 0	20 8	24 8	...	...	...	24 0	27 0	35 0	†	†	†	...	...	...	10 0	12 0	9 0	Hilly Tracts of Meywar	
	Meywar (Oodeypore)	14 13½	16 0½	15 10	19 8½	21 7½	21 14	10 15	10 15	9 6	...	...	...	...	...	...	...	...	...	...	...	...	17 3	17 9½	21 14	200 0	200 0	200 0	S. Ch. 9 9	S. Ch. 9 12½	S. Ch. ...	9 6	9 6	8 0	Meywar (Oodeypore)	
	Bánswára (Meywar Agency)	25 0	25 0	28 12	...	...	...	7 8	7 8	7 8	17 8	18 12	18 12	...	...	...	...	...	...	...	...	...	35 0	37 8	60 0	...	...	...	...	...	...	11 14	11 11	9 6	Bánswára (Meywar Agency)	
	Partábgarh („)	16 9	17 5½	20 10	...	...	...	10 15	10 15	7 8	13 7	13 7	12 8	...	...	...	...	...	...	...	...	...	19 6	22 3	31 4	...	...	...	...	...	...	10 0	10 10	8 12	Partábgarh („)	
	Marwar (Jodhpore)	15 15	...	14 11	22 8	...	18 12	6 4	...	5 0	7 8	...	6 4	22 8	...	21 11	18 12	...	17 8	...	...	...	20 0	...	16 4	...	...	...	Rs. A. P. per md. 2 9 0	Rs. A. P. per md. ...	Rs. A. P. ...	15 10	...	13 12	Marwar (Jodhpore)	
	Bikaneer	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	S. Ch. ...	S. Ch. ...	S. Ch. ...	No return received			Bikaneer	
	Boondee	16 0	19 8	24 0	25 0	30 0	37 8	9 0	9 8	7 8	10 0	10 8	9 8	23 0	28 8	37 8	...	...	...	...	...	...	25 0	20 0	32 0	140 0	140 0	160 0	13 8	13 12	10 0	13 4	13 8	...	Boondee	
	Kotah	17 8	19 12	26 0	22 0	23 0	32 0	8 12	8 12	7 12	10 8	10 8	9 8	23 8	23 8	38 0	15 0	15 0	17 0	...	...	...	26 4	27 8	32 8	240 0	240 0	240 0	12 0	11 12	...	11 8	11 8	10 4	Kotah	
	Tonk	14 8	16 6	18 1	20 11	20 15	25 5	7 0	6 12	7 8	10 0	9 11	9 8	21 8	22 12	27 14	19 8	20 10	25 13	...	...	...	20 0	21 0	21 10	160 0	140 0	140 0	13 8	13 4	11 2	13 4	...	...	Tonk	
	Jhallawar	15 4	15 13	22 9	15 15	23 14	27 14	...	...	...	8 14	8 14	7 12	16 4	18 9½	30 12	13 6	14 10	18 3	...	...	...	18 9½	21 14	29 3	...	...	...	9 15	9 15	...	9 11½	9 11½	7 10	Jhallawar	
	Shahpoora	18 3	19 4	18 0	25 4	23 8	24 8	10 4	10 9	9 12	15 2	16 8	13 12	20 1	21 0	27 0	18 0	20 0	21 0	...	...	...	19 12	22 8	22 8	160 0	160 0	160 0	13 12	14 0	11 0	13 8	14 0	...	Shahpoora	
	Dholpur	17 4	18 1	17 5	22 6	24 14	19 11	10 2	10 2	7 14	12 6	12 6	12 6	22 3	22 12	19 11	19 12	21 1	19 6	...	...	...	21 12	23 4	18 9	...	...	...	12 15	12 15	10 11	12 3	12 3	10 1	Dholpur	
Malwa.	Indore	14 1	16 0	24 0	...	...	...	8 9	8 9	8 0	10 0	10 0	9 3	19 3	20 0	18 0	20 13	21 0	30 0	...	...	...	17 12	18 7	27 7	100 0	100 0	100 0	11 0	11 0	...	10 0	9 0	6 0	Indore	Central India.
	Gwalior	16 4	...	16 5	21 4	22 6	21 0	7 5	7 5	6 10	9 10	9 10	9 6	21 0	22 6	19 14	16 7	17 6	15 9	...	...	...	19 11	21 10	18 4	109 8	109 8	127 12	...	...	...	11 9	11 10	9 10	Gwalior	
	Goona	22 8	24 0	26 0	19 0	20 0	20 0	9 8	9 8	9 4	10 0	10 0	10 0	27 0	30 0	35 0	19 0	20 0	20 0	...	...	...	27 0	30 0	33 0	200 0	200 0	200 0	12 0	12 0	...	11 6	11 8	10 0	Goona	
	Baghelkhand (Sutna)	22 8	22 3	22 1	35 0	35 0	32 9	7 8	7 0	9 0	21 0	23 12	19 0	35 0	39 3	29 14	25 0	25 3	21 10	...	...	...	13 8	13 0	28 1	160 0	160 0	160 0	12 8	12 8	...	11 12	11 12	11 6	Baghelkhand (Sutna)	

* Not received.

† Eight pies per bundle. ‡ Sea Salt. § Earth Salt.

D. M. BARBOUR,
Offg. Secretary to the Government of India.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

IRRIGATION OPERATIONS OF FASL KHARIF, N.-W. PROVINCES, 1882, UP TO 30th APRIL 1882.

Canal Division.	Water distributed during April 1882: Depth in Canal at regulating gauge in feet: Full supply.	Actual average throughout.	Gross Consumption, cubic feet per second: Allotted discharge.	Actual average throughout.	Total area of irrigation during current fasl.	Total area for the corresponding period of last year.
Upper Ganges. Northern	10·00	...	740	163	26,019	12,677
Upper Ganges. Anúpshahr	6·80	...	700	906	33,697	20,434
Upper Ganges. Meerut	8·30	...	969	1,319	44,622	31,477
Upper Ganges. Bulandshahr	7·35	...	972	886	29,548	28,412
Upper Ganges. Aligarh	5·50	...	994	876	36,911	35,143
Lower Ganges. Narora	...	...	...	286	5,947	3,507
Lower Ganges. Mainpuri	...	...	...	510	14,062	11,536
Lower Ganges. Cawnpore	6·20	...	958	514	27,730	30,502
Lower Ganges. Etáwah	4·80	...	771	1,062	33,193	32,051
Lower Ganges. Bhognipur	...	...	...	534	12,777	6,657
Total, Upper and Lower Ganges Canals	...	...	...	6,996	264,506	212,396
Eastern Jumna Canal	...	...	1,250	907	30,728	28,533
Agra Canal	...	...	2,000	884	11,403	9,605
Rohilkhand	...	...	...	180	9,936	5,076
Bijnor	...	...	...	...	305	2,995
Dún	...	...	...	113	1,392	1,307
Jhánsi	...	...	...	...	21	9
Hamírpur	...	...	...	...	11	11
Total	...	...	...	...	327,302	259,932

Zila.	Land irrigated (approximate): Sugarcane.	Indigo.	Rice.	Cotton.	Other food-grains.	Fodder crops.	Miscellaneous.	Total.	Rain-fall: Total from 1st to 30th April 1882.	Average of ten previous years for the same period.
Saháranpur	14,039	785	25	...	7	21	629	15,506	·2	·31
Muzaffarnagar	43,944	2,393	128	15	1	69	432	46,982	·6	·53
Meerut	64,838	9,164	414	37	54	117	419	75,043	·25	·79
Bulandshahr	6,979	20,281	1	12	121	2	155	36,551	·3	·01
Aligarh	1,036	23,694	10	1	120	2	213	25,076	·2	·08
Muttra	1,371	3,473	...	245	...	13	275	5,377	...	·05
Agra	724	1,989	...	...	2	...	432	3,147	·1	·10
Etah	3,409	12,279	6	...	467	4	958	17,123	...	·09
Mainpuri	3,147	18,077	...	...	302	3	462	21,991	...	·11
Fatehgarh	1,755	8,294	...	...	151	6	128	10,334	...	·08
Etáwah	6,396	22,720	...	...	33	2	336	29,487	...	·03
Cawnpore	3,384	21,367	12	...	408	344	175	25,690	·4	·12
Delhi	8	...	...	...	...	...	8	...	...	·05
Gurgaon	2,089	712	...	436	1	39	45	3,322	...	·12
Dehra Dún	929	...	228	...	...	...	235	1,392	1·4	1·01
Bijnor	...	...	...	...	...	...	305	305	·2	·46
Tarái	1,259	...	...	...	...	...	...	1,250	...	·13
Pilibhit	811	...	...	...	...	...	...	811	...	·25
Bareilly	7,875	...	...	...	...	...	...	7,875	...	·17
Jhánsi	19	...	...	...	...	...	2	21	·1	·11
Hamírpur	11	...	...	...	...	...	...	11	...	·01
Total	164,014	154,228	824	746	1,667	622	5,201	327,302	...	..
Total for the same period last year	113,674	139,132	430	505	1,684	198	4,309	259,932	...	...
Increase	50,340	15,096	394	241	...	424	892	67,370	...	...
Decrease	...	...	...	...	17	...	...	...	...	...

Remarks.

	Cubic feet per second.
Entering head of Ganges Canal	5,708
„ Lower Ganges Canal	2,138
	7,846
Expended—	
Ganges Canal	4,150
Lower Ganges Canal	2,846
	6,996
Escapes—	
Anúpshahr-Branch	16
Meerut Division	137
Aligarh ditto	36
Narora Division, Lower Ganges Canal	8
Mainpuri ditto ditto	124
Cawnpore ditto ditto	251
Etawah ditto ditto	2
Bhognipur ditto ditto	56
Loss by percolation, Narora Division	199
	829
Unaccounted for	21
	7,846

Executive Engineer, Mainpuri Division, Lower Ganges Canal, reports that there was a heavy demand for indigo sowings and that the supply was short of demand.

Executive Engineer, Agra Canal, reports that the canal was closed for repairs and clearance of weeds from the 5th to 13th April, inclusive.

Executive Engineer, Rohilkhand Canals, reports that every drop of water is being used up for sugar irrigation and that the rivers are all very low.

Allahabad,
The 29th May 1882.

G. H. D. WALKER,
Asst. Secy. to Govt., N.-W. P. and Oudh, P. W. D., Irrigation Branch.

STATEMENT OF TRAFFIC ON THE AGRA CANAL FOR THE MONTH OF APRIL 1882.

Nature of Traffic.	Agra Canal. Principal items of Traffic. Up. Mds.	No.	Down. Mds.	No.	Total up and down. Mds.	No.
Grains—						
Wheat	...	...	...	...	...	...
Gram	...	...	...	...	...	...
Rice	...	...	...	...	...	...
Paddy or dhán	...	...	...	...	...	...
Bejhar or mixed grain	...	...	...	...	...	...
Dal—						
Urd	...	...	...	...	...	...
Mung	...	...	1,100	...	1,100	...
Arhar	...	...	...	...	...	...
Masuri	...	...	...	...	...	...
Juár	...	...	...	...	...	...
Bájra	...	...	...	...	...	...
Maize or Indian-corn	...	...	...	...	...	...
Barley	...	...	...	...	...	...
Total	...	...	1,100	...	1,100	...
Cotton	...	...	300	...	300	...
Oilseeds	...	...	...	...	...	...
Salt	...	...	...	...	...	...
Metals	...	...	...	...	...	...
Building materials	3,450	...	...	...	3,450	...
Miscellaneous goods	230	...	2,300	...	2,530	...
Firewood	...	...	...	...	...	...
Bamboos	...	...	...	...	...	...
Timber—						
Poles and unsquared timber	...	...	400	...	400	...
Karis and squared timber	...	...	...	...	...	...
Logs	...	...	...	...	...	...
Miscellaneous timber	...	...	...	...	...	...
Live-stock	...	...	...	...	...	...
Grand Total	3,680	...	4,100	...	7,780	...
Total during corresponding period of last year	5,450	...	6,375	...	11,825	...
Increase	...	...	...	...	...	...
Decrease	1,770	...	2,275	...	4,045	...

Remarks.

Particulars.	Agra Canal. 1882.	1881.
Tonnage, including weight of timber and bamboos	286	434
Ton mileage	34,009	51,213
Value of goods Rs.	17,608	33,294
Number of passengers	...	...

Allahabad,
The 29th May 1882.

G. H. D. WALKER,
Asst. Secy. to Govt., N.-W. P. and Oudh, P. W. D., Irrigation Branch.

STATEMENT OF TRAFFIC ON UPPER AND LOWER GANGES CANALS FOR THE MONTH OF APRIL 1882.

Grains.	Upper Ganges Canal — Principal items of local Traffic — Up. Mds.	Up. Nos.	Down. Mds.	Down. Nos.	Total up and down. Mds.	Total up and down. Nos.	Lower Ganges Canal — Principal items of local Traffic — Up. Mds.	Up. Nos.	Down. Mds.	Down. Nos.	Total up and down. Mds.	Total up and down. Nos.	Upper and Lower Ganges Canals — Principal items of through Traffic — Up. Mds.	Up. Nos.	Down. Mds.	Down. Nos.	Total up and down. Mds.	Total up and down. Nos.	Upper and Lower Ganges Canals — Principal items of local and through Traffic — Up. Mds.	Up. Nos.	Down. Mds.	Down. Nos.	Total up and down. Mds.	Total up and down. Nos.	Remarks.
Wheat	2,932	...	4,217	...	7,149	...	...	...	500	...	500	...	460	...	3,693	...	4,153	...	3,392	...	8,410	...	11,802	...	
Gram	772	...	562	...	1,334	...	521	...	...	...	521	...	1,469	...	...	...	1,469	...	2,762	...	562	...	3,324	...	
Rice	60	...	...	...	60	...	110	...	...	...	110	...	3,634	...	...	...	3,634	...	3,804	...	...	...	3,804	...	
Paddy or dhán	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Bejhar or mixed grain	...	...	100	...	100	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	100	...	100	...	
Dal ... Urd	265	...	...	...	265	...	...	...	465	...	465	...	...	...	2,115	...	2,115	...	265	...	2,580	...	2,845	...	
Dal ... Mung	...	...	...	...	...	...	...	...	...	...	...	...	...	...	627	...	627	...	...	...	627	...	627	...	
Dal ... Arhar	...	...	...	...	...	...	...	...	...	...	...	...	1,489	...	...	...	1,489	...	1,489	...	...	...	1,489	...	
Dal ... Masuri	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Juár	...	...	50	...	50	...	2,590	...	...	...	2,590	...	525	...	...	...	525	...	3,115	...	50	...	3,165	...	
Bájra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Maize or Indian-corn	...	...	...	...	...	...	630	...	...	...	630	...	347	...	...	...	347	...	977	...	...	...	977	...	
Barley	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Total	4,029	...	4,929	...	8,958	...	3,851	...	965	...	4,816	...	7,924	...	6,435	...	14,359	...	15,804	...	12,320	...	28,133	...	
Cotton	...	...	...	...	...	...	...	...	1,338	...	1,338	...	...	...	3,066	...	3,066	...	...	...	4,404	...	4,404	...	
Oilseeds	...	...	...	...	...	...	...	...	7,055	...	7,055	...	1,024	...	3,215	...	4,239	...	1,024	...	10,270	...	11,294	...	
Salt	743	...	...	...	743	...	63	...	71	...	134	...	162	...	13,924	...	14,086	...	968	...	13,995	...	14,963	...	
Metals	131	...	...	...	131	...	...	...	1,961	...	1,961	...	3,679	...	50	...	3,729	...	3,810	...	2,011	...	5,821	...	
Building materials	15,487	...	7,320	...	22,807	...	457	...	...	...	457	...	227	...	700	...	927	...	16,171	...	8,020	...	24,191	...	
Miscellaneous goods	3,113	...	4,863	...	7,976	...	7,491	...	811	...	8,302	...	13,006	...	4,878	...	17,884	...	23,610	...	10,552	...	34,162	...	
Firewood	...	...	405	...	405	...	...	...	18,800	...	18,800	...	...	...	...	...	...	...	...	...	19,205	...	19,205	...	
Bamboos	...	...	60,772	1,215,440	60,772	1,215,440	20	400	2,634	52,680	2,654	53,080	...	...	...	...	...	...	20	400	63,406	1,268,120	63,426	1,268,520	
Timber. Poles and unsquared timber.	...	...	6,202	6,202	6,202	6,202	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6,202	6,202	6,202	6,202	
Timber. Karis and squared timber.	...	...	9,287	9,287	9,287	9,287	...	...	309	309	309	309	...	...	...	...	...	...	...	...	9,596	9,596	9,596	9,596	
Timber. Logs	320	16	...	...	320	16	...	...	...	...	...	...	...	...	...	...	...	...	320	16	...	...	320	16	
Miscellaneous timber	5	10	...	...	5	10	467	934	430	860	897	1,794	...	...	...	...	...	...	472	944	430	860	902	1,804	
Live-stock	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Grand Total	23,828	26	93,778	1,230,929	117,606	1,230,955	12,349	1,334	34,374	53,849	46,723	55,183	26,022	...	32,268	...	58,290	...	62,199	1,360	160,420	1,284,778	222,619	1,286,138	
Total during corresponding period of last year.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	67,413	2,708	163,158	1,016,050	230,571	1,018,758	
Increase	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	268,728	...	267,380	
Decrease	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5,214	1,348	2,738	...	7,952	...	

Particulars.	Upper Ganges Canal (local). 1881.	Upper Ganges Canal (local). 1882.	Lower Ganges Canal (local). 1881.	Lower Ganges Canal (local). 1882.	Upper and Lower Ganges Canals (through). 1881.	Upper and Lower Ganges Canals (through). 1882.	Total Upper and Lower Ganges Canals. 1881.	Total Upper and Lower Ganges Canals. 1882.
Tonnage, including weight of timber and bamboos	...	4,320	...	1,717	...	2,141	8,539	8,178
Ton mileage	...	241,930	...	165,202	...	556,462	915,077	963,594
Value of goods Rs.	...	88,919	...	76,625	...	2,17,553	3,52,215	3,83,097
Number of passengers	...	358	...	...	...	38	629	396

ALLAHABAD,
The 29th May 1882.

G. H. D. WALKER,
Asst. Secy. to Govt., N.-W. P. & Oudh, P. W. D., Irrigation Branch.

GOVERNMENT OF INDIA

PUBLIC WORKS DEPARTMENT.

IRRIGATION OPERATIONS OF FASL KHARIF IN THE PUNJAB FOR 1882-83 UP TO 30th APRIL 1882.

Canal Division.	Water distributed during April 1882 — Depth in Canal at Regulating Gauge — Full supply.	Depth in Canal at Regulating Gauge — Actual throughout.	Gross Consumption, cubic feet per second — Estimated full supply.	Gross Consumption, cubic feet per second — Actual average throughout.	Navigation Return Canal — Principal items of Traffic — Up.	Down.	Land irrigated (approximate) — Zila.	Acres.	Rainfall — Average.	During month.	Chief crops (approximate) — Name.	Area in acres.	Remarks.
Bari Doab Canal. 1st Division	4·90	3·10	3,073·6	972·44	...	...	Gurdáspur ...	4,113	0·51	0·40	Sugarcane ...	6,800	2,282 cubic feet per second entered the head of the Bari Doab Canal, and 208·36 cubic feet per second passed out at the various escapes, leaving 2,073·64 cubic feet per second as actually utilized. There is an increase of 4,435 acres as compared with the corresponding period of last year.
Bari Doab Canal. 2nd Division, Main Branch, Lower	4·60	2·20		781·66	...	...	Amritsar ...	6,206	0·94	0·80	Cotton ...	3,2 8	
Bari Doab Canal. 2nd do., Lahore Branch	3·35	2·00		319·54	...	...	Lahore ...	8,185	0·90	1·20	Rice ...	27	
											Others ...	8,419	
Total Bári Doáb Canal	...	...	3,073·6	2,073·64	...	...	.....	18,504	...	...	.....	18,504	
Corresponding period of last year	...	...	3,073·6	1,792	...	...	.....	14,069	...	...	.....	14,069	
Western Jumna Canal. Karnál Division	4·33	4·39	2,546	224	...	55,578 kuries, bullies, &c., 250 maunds fuel, and 4,617 mds. timber.	Umballa ...	108	0·58	0·15	Sugarcane ...	16,913	The volume entering the Western Jumna Canal was 2,603 cubic feet per second, of which the following was passed through the escapes:— c. ft. Budha Khera Escape . 320; Escape in Delhi Division . 2; Delhi Canal Tail . 30; Total . 352
Western Jumna Canal. Delhi do.	5·70	5·56		787			Karnál ...	2,891	0·81	0·76	Cotton ...	425	
Western Jumna Canal. Hánsi do.	9·00	8·09		980			Delhi ...	8,389	0·20	...	Rice ...	...	
Western Jumna Canal. Do. Bulla Head	8·80	8·01		260			Rohtak ...	4,958	0·25	...	Others ...	1,837	
							Hissár ...	720	0·30	...	.....	...	
							Jhind ...	2,078	0·30	...	.....	...	
							Bíkaner ...	...	...	...	.....	...	
							Kalsia State ...	31	...	...	.....	...	
Total Western Jumna Canal	...	...	2,546	2,251	...	55,578	.....	19,175	...	...	.....	19,175	There is an increase of 7,817 acres as compared with the corresponding month of last year.
Corresponding period of last year	...	...	2,546	2,123	...	96,229	.....	11,358	...	...	.....	11,358	
Inundation Canals. Upper Sutlej Division	...	...	...	...	...	...	Lahore ...	...	...	...	Detail not available for want of establishment.	...	There is a decrease of 4,744 acres on the Inundation Canals as compared with the corresponding period of the preceding year. Superintending Engineer, however, reports that this will probably be recovered.
Inundation Canals. Lower Sutlej and Chenab	...	...	...	...	...	...	Montgomery ...	...	0·51	...		...	
Inundation Canals. Indus Canals	...	...	...	...	...	...	Mooltan ...	19,450	0·33	...		...	
Inundation Canals. Mozaffargarh Canals	...	...	...	...	...	...	Dera Gházi Khan ...	1,541	0·15	0·70		...	
							Mozaffargarh ...	Not yet known.	...	...		...	
Total Inundation Canals	...	...	...	...	...	...	.....	20,991	...	...	.....	20,991	
Corresponding period of last year	...	...	...	...	...	...	.....	25,735	...	...	.....	25,735	
Perennial Canals Grand Total	...	...	...	...	...	...	.....	37,679	...	...	.....	37,679	
Do., corresponding period of last year	...	...	...	...	...	...	.....	25,427	...	...	.....	25,427	

J. E. CATTON,
Offg. Asst. Secy. to Govt., Punjab, P. W. D., Irrigation Branch.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

STATEMENT OF IRRIGATION OPERATIONS OF THE KHARIF CROP OF 1881-82 IN THE PUNJAB.

STATEMENT No. 1.

IRRIGATION OPERATIONS OF THE KHARIF CROP OF 1881-82.

Comparative Abstract of Irrigation and Rainfall in Canal Districts of the Punjab.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
DISTRICTS.	Area in acres.	Cultivated area in acres.	AREA IRRIGATED.		OVER		RAINFALL IN KHARIF MONTHS.												TOTAL.	
							April.		May.		June.		July.		August.		September.			
			1880-81.	1881-82.	Increase.	Decrease.	1880.	1881.	1880.	1881.	1880.	1881.	1880.	1881.	1880.	1881.	1880.	1881.	1880-81.	1881-82.
Umballa	1,644,819	951,890	3,994	2,287	...	1,707	0·20	0·40	0·10	1·52	9·76	3·35	12·48	8·17	1·85	11·30	6·48	3·05	30·87	27·79
Karnal	1,533,990	680,319	37,107	36,367	...	1,049	...	0·21	0·28	0·78	10·30	3·74	12·24	8·26	0·70	7·57	4·69	...	28·21	20·56
Rohtak	1,159,350	906,922	27,857	32,626	4,769	...	...	0·15	...	...	1·50	3·10	7·00	10·70	...	5·70	3·85	...	12·35	19·65
Delhi	804,933	525,676	*24,843	28,964	4,121	...	...	1·2	...	...	2·40	0·4	7·30	7·5	1·70	5·8	1·30	...	12·70	14·9
Hissar	2,265,428	1,161,761	28,901	38,963	10,062	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jind	...	...	305	244	4,211	...	...	...	...	...	1·3	...	5·3	...	3·5	...	3·6	...	13·7	...
Bikaner	...	...	602	...	...	602	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gurgaon	1,240,366	993,512	...	...	...	64	...	...	...	...	...	...	...	...	...	...	...	...	...	...
TOTAL W. J. CANAL	8,648,916	5,219,180	147,971	167,721	23,163	3,413	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gurdaspur	1,168,314	856,230	20,713	17,469	...	3,644	...	0·18	0·47	0·95	3·08	7·63	3·43	19·26	2·32	15·33	4·47	1·60	33·77	45·25
Amritsar	1,006,798	766,774	57,887	41,769	...	16,118	...	0·20	...	1·90	3·80	13·20	12·80	23·60	0·40	25·30	1·40	4·90	18·40	69·10
Lahore	2,334,552	1,164,921	72,504	68,035	...	1,469	...	1·10	1·50	0·95	3·90	0·60	9·50	12 20	0·50	6·35	...	...	15·40	21·20
TOTAL B. D. CANAL	4,509,664	2,787,924	151,104	126,873	...	24,231	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Delhi	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gurgaon	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rohtak	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lahore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Montgomery	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mooltan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dera Ghazi Khan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Shahpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
TOTAL DELHI AND GURGAON IRRIGATION WORKS AND INUNDATION CANALS.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
GRAND TOTAL†	13,158,580	8,007,104	299,075	294,594	23,163	27,644	...	...	...	...	...	...	...	...	...	...	...	...	...	...

	Acres.
Area irrigated in kharif, 1880-81 ...	299,075
Ditto ditto 1881-82 ...	294,594
Net Decrease ...	4,481

* This includes 2,701 acres, being the area irrigated by the Najafgarh Jhil in the Delhi District, which in the return for kharif, 1880-81, was shown separately under that work.
† The grand totals of columns 2, 3 and 4 are different to those shown in the return for kharif, 1880-81, due to the omission of the Inundation Canals from the present return.

STATEMENT No. II.

IRRIGATION OPERATIONS OF THE KHARIF CROP OF 1881-82.

Statement in Acres of Corps irrigated in Canal Districts.

DESCRIPTION OF CROPS.	Umballa.	Karnal.	Rohtak.	Delhi.	Gurgaon.	Hissar.	Jind.	Bikaner.	Gurdaspur.	Amritsar.	Lahore.	Montgomery.	Mooltan.	Dera Ghazi Khan.	Shahpur.	Muzaffargarh	TOTAL.
Sugarcane	311	8,676	12,088	12,860	...	267	2,067	...	5,179	5,013	2,597	...	...	...	...	...	48,068
Rice	1,915	16,412	2,737	8,812	...	7,019	6,485	...	10,211	14,039	7,164	...	...	...	...	...	75,454
Cotton	6	8,500	14,990	3,406	...	22,827	12,826	64	844	7,467	20,401	...	...	...	...	...	91,031
Indigo	...	...	...	...	...	...	...	...	...	...	9	...	...	...	...	...	9
Others	55	2,779	3,111	3,886	...	8,850	6,895	177	835	14,590	37,954	...	...	...	...	...	79,132
TOTAL KHARIF, 1881-82	2,287	36,367	32,626	28,964	...	38,963	28,273	241	17,069	41,769	68,035	...	...	...	...	...	294,694
TOTAL KHARIF, 1880-81	3,994	37,107	27,857	24,843	602	28,901	24,092	305	20,713	57,887	*72,504	...	...	...	...	...	299,075

* For the purpose of comparison the area irrigated by the Bari Doab Canal only is shown, hence the difference between these figures and those given in the return for kharif, 1880-81.

STATEMENT No. III.

IRRIGATION OPERATIONS OF THE KHARIF CROP OF 1881-82.

Statement in Acres of Crops irrigated in Canal Divisions.

DESCRIPTION OF CROPS.	WESTERN JUMNA CANAL.				BARI DOAB CANAL.			Upper Sutlej Division Inundation Canals.	Lower Sutlej and Chenab Jhelum Inundation Canals.	Dera Ghazi Khan Division Indus Canals.	Shahpur Canals.	Muzaffargarh Canals.	TOTAL.
	Karnal Division.	Hansi Division.	Delhi Division.	TOTAL.	1st Division.	2nd Division.	TOTAL.						
Sugarcane	1,216	6,027	29,016	36,269	5,728	6,971	12,699	...	...	...	...	...	48,968
Rice	9,857	16,223	17,300	43,380	11,555	20,519	32,074	...	...	...	...	...	75,454
Cotton	1,067	45,810	15,442	62,319	5,824	22,888	28,712	...	...	...	...	...	91,031
Indigo	...	...	...	...	...	9	9	...	...	...	...	...	9
Others	1,501	17,857	6,395	25,753	8,683	44,696	53,379	...	...	...	...	...	79,132
TOTAL KHARIF, 1881-82	13,641	85,927	68,153	167,721	31,790	95,083	126,873	...	...	...	...	...	294,594
TOTAL KHARIF, 1880-81	15,311	70,757	*61,903	147,971	35,189	115,915	151,104	...	...	...	...	...	299,075

* Includes 3,303 acres on account of the Najafgarh Jhil, which was shown separately under that work in return for kharif, 1880-81.

R. HOME, *Lieut.-Colonel, R.E.,*
Offg. Joint-Secretary to Govt., Punjab, P. W. D., Irrigation Branch.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

RAILWAY TRAFFIC.

No. XX OF 1882.

APPROXIMATE STATEMENT OF GROSS RECEIPTS AND EXPENSES OF INDIAN RAILWAYS.

Latest return received.	Railways.	Total mean length open.	RECEIPTS FOR WEEK ENDING 21ST MAY 1881.		Total mean length open.	RECEIPTS FOR WEEK ENDING 20TH MAY 1882.		TOTAL RECEIPTS FROM 1ST APRIL TO 21ST MAY 1881.		TOTAL RECEIPTS FROM 1ST APRIL TO 20TH MAY 1882.		Total Increase in 1882-83.	Total Decrease in 1882-83.
			Total.	Per mile open.		Total.	Per mile open.	Total.	Per mile open per week.	Total.	Per mile open per week.		
	Guaranteed.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
27th May 1882	Eastern Bengal ...	176	64,974	369	172	64,220	373	4,38,617	342	4,98,451	406	59,834	...
20th ditto ...	Oudh and Rohilkhand	547	1,01,138	185	547	1,25,059	229	7,82,429	196	8,52,955	218	70,526	...
27th ditto ...	Sind, Punjab & Delhi	676	2,01,823	299	676	2,17,305	321	14,63,556	297	14,29,072	296	...	34,484
20th ditto ...	Madras ...	858	1,19,279	139	858	1,22,787	143	8,57,842	137	9,62,179	157	1,04,337	...
20th ditto ...	South Indian ...	655	63,752	97	655	65,802	100	5,50,580	115	5,44,368	116	...	6,212
27th ditto ...	Great Indian Peninsula	1,448	7,60,596	525	1,447	9,25,583	640	57,08,679	541	68,93,598	667	11,84,919	...
13th ditto ...	Bombay, Baroda and Central India ...	444	3,07,171	692	...	(a)...	...	(b)17,80,252	638	(c)17,55,688	620	...	24,564
	TOTAL ...	4,804	16,18,733	337	4,355	15,20,756	349	1,15,81,955	331	1,29,36,311	376	13,54,356	...
	State.												
27th May 1882	East Indian ...	1,507	9,86,471	655	1,507	8,73,705	580	62,85,505	573	63,98,934	594	1,13,429	...
20th ditto ...	Calcutta and South-Eastern ...	28	2,344	84	28	2,172	78	20,201	99	21,539	108	1,338	...
27th ditto ...	Nalhati ...	27	1,318	49	27	1,358	50	8,854	45	9,948	52	1,094	...
20th ditto ...	Northern Bengal ...	231	33,021	143	233	31,530	134	2,08,453	124	2,62,094	157	53,641	...
27th ditto ...	Tirhoot ...	82	12,030	147	85	16,828	198	91,241	153	1,00,984	167	9,743	...
27th ditto ...	Patna-Gya ...	57	8,381	147	57	9,018	158	72,230	174	76,566	188	4,336	...
27th ditto ...	Muttra-Hathras ...	29	2,931	101	29	2,656	92	18,295	87	19,527	94	1,232	...
27th ditto ...	Cawnpore-Farukhabad	86	5,456	63	86	5,742	67	37,928	60	47,557	78	9,629	...
[illegible] ditto ...	Dildarnagar-Ghazipur	12	1,393	116	12	1,292	108	7,615	87	8,257	97	642	...
27th ditto ...	Rajputana-Malwa ...	1,016	1,80,864	178	1,117	2,17,865	195	13,02,704	176	16,48,982	306	3,46,278	...
20th ditto ...	Wardha Coal ...	45	7,509	167	45	13,043	290	62,505	190	99,034	308	36,529	...
[illegible] ditto ...	Nagpur & Chhattisgarh	76	9,240	122	98	19,568	200	54,438	111	1,57,518	225	1,03,080	...
27th ditto ...	Rangoon and Irrawaddy Valley ...	161	42,799	266	161	30,621	190	2,80,792	239	2,88,488	251	7,696	...
27th ditto ...	Sindia ...	78	6,494	83	75	6,494	87	45,551	88	46,695	87	1,144	...
27th ditto ...	Punjab Northern ...	363	53,243	147	412	58,762	143	5,07,465	192	4,50,549	164	...	56,916
27th ditto ...	Indus Valley and Kandahar ...	660	1,31,484	199	660	86,375	131	8,55,949	178	5,13,247	109	...	3,42,702
27th ditto ...	Muttra-Achneyra ...	...	...	...	23	1,040	45	...	...	8,272	50	8,272	...
	TOTAL ...	2,951	4,98,507	169	3,148	5,04,364	160	35,74,221	167	37,59,257	169	1,85,036	...
	Native States.												
20th May 1882	Bhavnagar-Gondal ...	192	26,392	137	194	27,311	141	1,67,301	120	2,14,222	156	46,921	...
20th ditto ...	Nizam's ...	121	15,246	126	121	16,602	137	1,23,396	140	1,26,079	146	2,683	...
6th ditto ...	Mysore ...	58	2,145	37	...	(a)...	...	(d)11,467	37	(e)27,308	62	15,841	...
	TOTAL ...	371	43,783	118	315	43,913	139	3,02,164	112	3,67,609	128	65,445	...
	GRAND TOTAL ...	9,633	31,47,494	327	9,325	29,42,738	316	2,17,43,845	310	2,34,62,111	334	17,18,266	...
	GROSS ESTIMATED EXPENSES ...	...	...	...	...	...	...	1,02,19,607	146	1,12,61,813	160	...	...
	NET RECEIPTS ...	...	...	...	...	...	...	1,15,24,238	164	1,22,00,298	174	6,76,060	...

(a) Return not received. (b) Total receipts from 1st April to 14th May 1881. (c) Total receipts from 1st April to 13th May 1882.
(d) Total receipts from 1st April to 7th May 1881. (e) Total receipts from 1st April to 6th May 1882.

F. FIREBRACE, *Major, R.E.,*
Under Secretary.

SIMLA, *the 9th June 1882.*

E

No. XXI OF 1882.

APPROXIMATE STATEMENT OF GROSS RECEIPTS AND EXPENSES OF INDIAN RAILWAYS.

Latest return received.	Railways.	Total mean length open.	Receipts for week ending 28th May 1881. Total.	Per mile open.	Total mean length open.	Receipts for week ending 27th May 1882. Total.	Per mile open.	Total Receipts from 1st April to 28th May 1881. Total.	Per mile open per week.	Total Receipts from 1st April to 27th May 1882. Total.	Per mile open per week.	Total Increase in 1882-83.	Total Decrease in 1882-83.
	Guaranteed.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
3rd June 1882	Eastern Bengal ...	176	59,285	337	172	73,016	425	4,97,902	342	5,82,067	416	84,165	...
27th May 1882	Oudh and Rohilkhand	547	98,979	181	547	1,21,515	222	8,81,408	195	9,74,470	219	93,062	...
7th ditto ...	Sind, Punjab and Delhi	676	1,68,412	249	676	2,10,535	311	16,31,968	291	16,39,607	298	7,639	...
7th ditto ...	Madras ...	858	1,09,499	128	858	1,30,394	152	9,67,341	136	10,99,494	157	1,32,153	...
3rd ditto ...	South Indian ...	655	72,758	111	655	81,160	124	6,23,338	115	6,25,528	118	2,190	...
3rd June 1882	Great Indian Peninsula	1,448	7,71,221	533	1,447	9,73,972	673	64,79,900	540	78,66,822	668	13,86,922	...
27th May 1882	Bombay, Baroda and Central India ...	444	2,66,220	600	461	2,88,031	625	23,53,642	640	23,33,809	622	...	19,833
	TOTAL ...	4,804	15,46,374	322	4,816	18,78,623	390	1,31,35,499	337	1,51,21,797	386	16,86,298	...
	State.												
3rd June 1882	East Indian ...	1,507	8,63,017	573	1,507	9,23,881	613	71,48,523	573	73,22,229	598	1,83,706	...
27th May 1882	Calcutta and South-Eastern ...	28	2,535	91	28	4,552	163	22,737	98	26,097	115	3,360	...
3rd June 1882	Nalhati ...	27	1,370	51	27	1,393	52	10,224	46	11,298	51	1,074	...
27th May 1882	Northern Bengal ...	231	32,087	139	233	31,280	134	2,40,542	125	2,92,322	154	51,780	...
3rd June 1882	Tirhoot ...	82	12,565	153	85	13,425	158	1,03,807	153	1,12,723	163	8,916	...
3rd ditto ...	Patna-Gya ...	57	7,285	128	57	8,782	154	79,515	169	85,348	184	5,833	...
3rd ditto ...	Muttra-Hathras ...	29	2,591	89	29	2,086	72	20,886	87	21,710	92	824	...
27th May 1882	Cawnpore-Furrackabad	86	5,610	65	86	6,475	75	43,538	61	54,398	78	10,860	...
27th ditto ...	Dildarnagar-Ghazipur	12	1,258	105	12	1,164	97	8,873	89	9,373	96	500	...
3rd June 1882	Rajputana-Malwa ...	1,016	1,95,253	192	1,117	2,25,548	202	14,97,953	178	18,82,244	207	3,84,287	...
27th May 1882	Wardha Coal ...	45	7,457	166	45	18,026	101	69,963	188	1,12,188	306	42,225	...
27th ditto ...	Nagpur and Chhattisgarh ...	84	12,065	144	98	19,039	194	66,503	116	1,75,267	220	1,08,764	...
3rd June 1882	Rangoon and Irrawaddy Valley ...	161	31,490	196	161	26,566	165	3,12,282	234	3,16 223	241	3,941	...
3rd ditto ...	Sindia ...	78	5,294	68	75	5,880	78	50,846	85	53,595	87	2,749	...
27th May 1882	Punjab Northern ...	363	53,281	147	412	51,937	126	5,60,748	186	5,02,486	159	...	58,262
3rd ditto ..	Indus Valley and Kandahar ...	660	85,784	130	660	1,06,495	161	9,41,733	172	6,33,624	118	...	3,08,109
June 1882	Muttra-Achneyra ...	...	...	...	23	1,197	52	...	...	9,671	52	9,671	...
	TOTAL ...	2,959	4,55,925	154	3,148	5,23,845	166	40,30,154	166	42,98,567	169	2,68,413	...
	Native States.												
27th May 1882	Bhavnagar-Gondal ...	192	23,410	122	194	27,017	139	1,90,711	120	2,39,620	152	48,909	...
27th ditto ...	Nizam's ...	121	13,896	115	121	16,954	140	1,37,293	137	1,40,026	142	2,733	...
27th ditto ...	Mysore ...	58	1,879	32	...	... (a)	...	(b) 11,467	37	(c) 27,310	62	15,843	...
	TOTAL ...	371	39,185	106	315	43,971	139	3,39,471	111	4,06,956	125	67,485	...
	GRAND TOTAL ...	9,641	29,04,501	301	9,786	53,70,320	344	2,49,53,647	313	2,71,59,549	338	22,05,902	...
	ESTIMATED EXPENSES ...	...	...	...	...	...	...	1,17,28,214	147	1,30,36,581	162	...	...
	NET RECEIPTS ...	....	...	...	...	...	...	1,32,25,433	166	1,41,22,965	176	8,97,532	...

Latest return received.

(a) Total receipts from 1st April to 7th May 1881. (c) Total receipts from 1st April to 6th May 1882.

Simla, the 16th June 1882.

F. FIREBRACE, *Major, R.E.*,
Under Secretary.

GOVERNMENT OF INDIA.

LEGISLATIVE DEPARTMENT.

ABSTRACT OF THE PROCEEDINGS OF THE COUNCIL OF THE GOVERNOR GENERAL OF INDIA, ASSEMBLED FOR THE PURPOSE OF MAKING LAWS AND REGULATIONS UNDER THE PROVISIONS OF THE ACT OF PARLIAMENT 24 & 25 VIC., CAP. 67.

The Council met at Government House, Simla, on Wednesday, the 14th June, 1882.

PRESENT:

His Excellency the Viceroy and Governor General of India, K.G., G.M.S.I., G.M.I.E., *presiding*.
His Honour the Lieutenant-Governor of the Panjáb, K.C.S.I., C.I.E.
His Excellency the Commander-in-Chief, G.C.B., C.I.E.
The Hon'ble J. Gibbs, C.S.I., C.I.E.
Major the Hon'ble E. Baring, R.A., C.S.I., C.I.E.
Major-General the Hon'ble T. F. Wilson, C.B., C.I.E.
The Hon'ble Sir S. C. Bayley, K.C.S.I., C.I.E.
The Hon'ble C. H. T. Crosthwaite.
The Hon'ble W. C. Plowden.
The Hon'ble W. W. Hunter, LL.D., C.I.E.

PANJÁB UNIVERSITY BILL.

The Hon'ble MR. GIBBS introduced the Bill to establish and incorporate the University of the Panjáb, and moved that it be referred to a Select Committee consisting of His Honour the Lieutenant-Governor, the Hon'ble Messrs. Ilbert, Crosthwaite and Hunter and the Mover. He said :—

"In accordance with the permission which was obtained for me by my hon'ble and learned friend Mr. Ilbert, I now beg to introduce this Bill.

"The Bill has been drawn with as much care as was possible from the information which we have on record; it has also been deemed advisable to follow as closely as we could the form of the Acts already on the Statute-book, and under which the Universities of Calcutta, Madras and Bombay have been founded. The Bill, in accordance with the usual practice, will be printed and published, and we shall no doubt receive the benefit of public criticism upon it.

"There are some points which will doubtless require very considerable care on behalf of the Select Committee, before they arrive at a conclusion on the final form it should take; but these are points which I need not notice in detail on the present occasion.

"The Objects and Reasons published with the Bill will give the public a very general, and at the same time clear, statement of the intention of the Government in bringing in this Bill. My hon'ble and learned friend Mr. Ilbert, in applying for leave to introduce the Bill, shortly stated the circumstances which had led to it, and I do not think that I need now do more than allude to one or two points which have been decided upon since permission to bring in the Bill was granted by the Council.

"Of those points, the first I may mention is that, owing to difficulties of a legal nature which might arise, it has been found necessary to provide in general terms that the University is founded under the patronage of the Governor General, but without stating that the Governor General may be 'patron' or 'visitor.'

"The term 'patron' is not one generally used regarding Universities, while the term 'visitor,' which is a University term, might give rise to some rather difficult and abstruse questions as to the power of a visitor of a University in this country, as compared with Universities at home—especially the Royal University lately established in Ireland.

"With regard to the appointment of Fellows, a further clause has been introduced, providing for some who may be chosen by the Senate and submitted by them to the Chancellor for his approval. This is an advance on what is the law at present with regard to the other Indian Universities; but I think it is a step in the right direction, and it is certainly one regarding which I should

not be surprised if, before long, applications are not made by other Universities to introduce a similar provision. There is a strong feeling that some Fellows should be nominated by the Senate for approval by the Chancellor.

"In the Bombay University, of which I was Vice-Chancellor for nine years, this was to a certain extent arranged by the understanding that the Vice-Chancellor should send in a list of names every year to the Chancellor of those gentlemen who had distinguished themselves particularly with regard to the University, and whose fitness for the position of Fellow was peculiarly known to the Senate and the governing body of the University.

"I would further observe that it was at first suggested, with regard to the appointment of a Chancellor and Vice-Chancellor, that the Governor General should be the Chancellor, and the Lieutenant-Governor the Vice-Chancellor. This was objected to in the Home Department, on the ground that by this means we should have two ornamental officers at the top; while the Vice-Chancellor should in all Universities be the principal guiding officer, and should be chosen from that class of the Fellows who are sure to be present during the greater portion of the year at the seat of the University, and who, therefore, by his constant attendance, will secure the continuity of the work in accordance with the principles on which the University is founded. This, it was considered, would not be the case if an officer to be called the Vice-President of the Senate was to be chosen. His Excellency the Viceroy concurred in this view, and thought—especially as he would in ordinary circumstances be very seldom present to take part in the meetings of the University—it was better for him to take the rôle of Patron to the University, and that, while the Lieutenant-Governor is the proper person to be Chancellor, the Vice-Chancellor should be chosen, as above stated, from those officers who are peculiarly fitted for that post.

"I may also notice that the Bill as drafted certainly does not go into those details which perhaps the public might expect to find in it; but it has been found by experience that it is never advisable to put into a Bill what can be better provided for by rules and bye-laws, which may be made from time to time, and may require alteration.

"If an opposite course were adopted, no trivial alteration could be made in any of those rules and bye-laws without recourse to the Legislative Council, which would be extremely troublesome.

"The consequence is that power is taken in this Bill, as in the other University Acts, to give power to the Senate, with the permission of the Lieutenant-Governor, as Chancellor, and the final sanction of the Governor General in Council, to make bye-laws for meeting all the necessary duties which the University has to carry out, with regard to the appointment of Examiners, the nature of the examinations, the degrees and diplomas which may be acquired, and the manner in which those degrees are to be conferred.

"The only other matter which I need notice is with respect to the appointment of the Select Committee to whom the Bill is to be referred. The names on the list are those of His Honour the Lieutenant-Governor of the Panjáb, and of my hon'ble friends Messrs. Ilbert, Crosthwaite, Hunter, with the Mover.

"The choice has been made of these gentlemen because we think that in the person of the Lieutenant-Governor we shall have an able representative of what is required for the Panjáb; while Mr. Hunter, as specially representing education in general, and the Commission now sitting in particular, will be a most useful member; as will also be Mr. Ilbert, who represents, if I may say so, the English Universities; and Mr. Crosthwaite, whose knowledge of the country and the wants of the people is perhaps not exceeded by any other member of Council."

The Motion was put and agreed to.

The Hon'ble MR. GIBBS also moved that the Bill and Statement of Objects and Reasons be published in the *Panjáb Government Gazette* in English and in such other languages as the Local Government might think fit.

The Motion was put and agreed to.

The Council adjourned to Wednesday, the 21st June, 1882.

SIMLA;
The 14th June, 1882.

D. FITZPATRICK,
Secretary to the Government of India,
Legislative Department.

GOVERNMENT OF INDIA.

REVENUE AND AGRICULTURAL DEPARTMENT.

REPORTS ON THE STATE OF THE SEASON AND PROSPECTS OF THE CROPS FOR THE WEEK ENDING THE 20th JUNE 1882.

GENERAL REMARKS.—The monsoon has continued to give heavy rain in the extreme south-western tracts of Southern India, including within its range Malabar, Travancore, Coorg, and a portion of the Mysore State. The Madras Presidency generally has continued to receive a fair rainfall, the noticeable points in the week's report being that the Chingleput and Madura districts have received none, while Coimbatore has enjoyed a good fall. In the Bombay Presidency also rain has continued general and has been extremely heavy in parts.

In Central India, the Nizam's Territories have received less rain than in the preceding week, while it has continued copious in the Berars and in most districts of the Central Provinces, especially in Jubbulpore and Sambalpur. Fair rain has also fallen in the Central India and Rajputana States.

In Northern India, Assam and Bengal, including Orissa and Behar, have continued to receive more or less heavy rain; and it has also been more or less general in the North-Western Provinces and Oudh. In the Punjab, where the monsoon seems hardly as yet to have penetrated, a little rain fell in six districts. In British Burma the rains continue heavy, as is usual.

General prospects are favourable throughout the country: ploughing, sowing, and in places the transplanting of young crops, are progressing rapidly, and standing crops are doing well. The only exceptions to the general favourable aspect are the want of more rain in two districts of the Madras Presidency, in parts of the Nizam's Territories, in the Punjab, and in two districts of Assam; and the excess of rain in Coorg and in part of Mysore, and probably in Malabar.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Madras—(June 21st)		
Bellary ...	·47 (average of six stations).	Standing crops good; harvest paddy, outturn below average; fever and small-pox in parts.
Kurnool ...	·23 (average of four stations).	Standing sugarcane and indigo require water in parts; agricultural operations progressing; cattle-disease in parts.
Ganjam ...	·70 (average of six stations).	Standing wet and dry crops not thriving for want of rain; small-pox, fever, and cholera prevalent; cattle-disease slightly exists.
Kistna ...	·23 (average of five stations).	Preparation for cultivation progressing; small-pox and cattle-disease in parts.
Chingleput (Madras)	.....	Standing crops good; agricultural operations progressing; small-pox and cattle-disease in parts.
Coimbatore ...	1·46 (average of six stations).	Standing crops generally good, but *cholum* attacked by insects in parts; harvest dry grains, outturn about average; small-pox and fever in parts.
Tanjore ...	·20 (average of one station).	Standing crops generally good; harvest paddy, yield below average.
Madura ...	.....	Standing crops fair; cholera and fever in parts.
Malabar ...	13·36 (average of fourteen stations).	Sowing of first crop nearly over in parts; fever, small-pox, cholera, and cattle-disease in parts.
Travancore ...	1·72	Ploughing and sowing over; fever prevalent. *General Remarks.*—No rain in Chingleput and Madura; general prospects fair.
Bombay—(June 21st)		
Kurrachee ...	Slight rain in Sujawal and Shahbandar talukas on 9th.	Fever in seven talukas; river at Kotri on 19th 14¼ feet, against 15 feet 2 inches on corresponding date last year; wheat, red rice, and *bajri* in Kurrachee 22, 36 and 33, in Manjhand 26, 44 and 42, in Mirpur Botoro 22, 54 and 48, and in Sakro 16, 44 and 48 lbs. per rupee, respectively
Hyderabad ...	.....	River rising: *kharif* operations general; days hot, nights cool; fever in three talukas; small-pox in Guni taluka; wheat 25, *juari* 45, *bajri* 40, red rice 34, and white rice 22 lbs. per rupee.
Ahmedabad ...	6·80	Cholera—in the town of Ahmedabad 43 cases, 35 deaths, in Viramgaum 123 cases, 77 deaths; ploughing continues; wheat 26 and *bajri* 29 lbs. per rupee.
Baroda ...	2·30	Total rainfall 5·87; sowing of *kharif* commenced generally; slight cholera in Kadi division, and cattle-disease in the same division and in one taluka of Amreli mahal; *bajri* 29 and common rice 23 lbs. per rupee.
Surat ...	·04	Total rainfall 8·20; sowing progressing; *juari* 35 and *nagli* 51 lbs. per rupee.
Násik ...	Igatpuri, 10·00; Peint, 13·00; Katwan, 7·00; Chandore, 4·00; Dindori, 5·00; Násik, 3·00.	Break since 15th; cotton sown in Malegaon and Nandgaon; pulses sown in places; land being prepared for *bajri*; locusts in places; small-pox abating.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Bombay—*contd.*		
Colaba (Bombay) ...	1·03	Total rainfall 25·38, being 11·11 above average; abnormal temperature rose from 2° cool on 14th to 1° warm on 18th, and then remained steady till end of week; vapour in air normal; abnormal wind from north-west from 14th to 17th; wind normal from 18th to 20th.
Poona ...	Rain in all talukas—maximum in Maval, 9·91; minimum in Indapur, ·19.	Sowing progressing; *bajri* 41 and *juari* 55 lbs. per rupee, in Poona *bajri* 36¾ and *juari* 43½ lbs. per rupee.
Ahmednagar ...	Rain general—maximum at Parner, 1·87; minimum at Rahuri, ·23; no rain at Karjat.	Sowing of *tussar* crops in progress in all talukas; cattle-disease at Nagar, Parner, Karjat, and Newasa; cholera at Parner, 17 attacks, 6 deaths; *bajri*—maximum 60 lbs. in Jhamkhed, minimum 45 in Kopergaon; *juari* 90 in Jhamkhed and 54 in Kopergaon.
Sholapur ...	Slight rain throughout.	*Kharif* operations commenced; 1 death from cholera in Karmala taluka; *bajri* 54 lbs. 15 tolas; *juari* 73 lbs. 19 tolas per rupee.
Dharwar ...	Rain throughout district—maximum in Hangal, 4·47; minimum in Gadag, ·24.	Sowing of *kharif* crops going on vigorously; public health good; rice 22 and *juari* 56 lbs. per rupee.
Kanara ...	Karwar, 1·60; total, 33·36; Kumpta, 12·89; Hallyal, 7·86; rainfall heavy in district except in Karwar.	Rice plants healthy; sowing operations continue above ghât; small-pox slight in Bhadkal Sidapur, and Sirsi; cattle-disease and fever subsiding; common rice in Karwar 12 seers, in district average 13 seers per rupee; weather fine.
Rajkot ...	.....	Weather hot and cloudy; cholera in many talukas; *bajri* 24 and *juari* 28 lbs. per rupee. *General Remarks.*—*Kharif* operations in progress throughout Presidency; rain general, heavy in a few places; slight fever and cattle-disease continue in a few districts; cholera in Belgaum, Kaladgi, Satara, Ahmednagar thana, Ahmedabad, and parts of Kathiawar.
Bengal—(June 21st)—		
Chittagong ...	13·72	Weather seasonable; prospects of crops good; transplanting of autumn rice continues; prices steady; cholera, small-pox, and cattle-disease still prevalent.
Dacca ...	8·67	Jute and rice growing fast; sugarcane promising; health generally good.
24-Pergunnahs (Calcutta)	1·4	Prospects fair; early crops and winter rice in low lands being sown; prices of common rice everywhere stationary, except in Barripur sub-division where a slight rise has taken place; health of people and cattle generally good; a few cases of fever reported from Dum-Dum.
Moorshedabad ...	11·75	Prospects of crops continue good, and much benefited by rain; cultivation progressing briskly everywhere; public health generally good.
Rajshahye ...	Rajshahye, 2·91; Nator, 7·64.	Prospects of crops favourable; cholera abating; fever as before; price of rice unchanged.
Burdwan ...	3·72	Sufficient rain all over the district; prospects favourable; winter rice being sown, and early rice transplanted; sugarcane good; health fair.
Rungpore ...	3·81	Weather showery; prospects of crops good; sowing of winter rice progressing; cholera abated; public health good.
Bhagálpur ...	4·56	Prospects of crops good; rice and Indian-corn coming up well.
Purneah ...	4·57	All crops promise well; weeding delayed by rain; health fair; rivers rising.
Patna ...	4·06	Sowing of rice and autumn crops progressing; cholera still prevalent throughout the Behar sub-division, and small-pox only in thana Behar.
Durbhunga ...	2·20	Weather very hot and cloudy; crop prospects good; cholera less virulent in town, but more extended in the interior.
Hazáribágh ...	2·90	Weather cloudy and seasonable; prospects of autumn crops good; sowing progressing; general health good.
Cuttack ...	1·19	Sowing almost completed; transplanting commenced; cholera abated, except in Jajpur town. *General Remarks.*—Rain in all districts during the week, sufficient for present agricultural purposes; ploughing for late rice and sowing of early crops proceeding favourably, in some places sowing of late and transplanting of early rice have commenced; sugarcane, indigo, and jute growing well; cholera generally abated, but still prevalent in some places; sporadic cases of small-pox and cattle-disease still reported from a few districts; fever reported from Nuddea, Rajshahye, and Darjeeling Terai.
N. W. Provinces and Oudh—		
Benares (June 20th)	2·2 in Benares; 3·1 in Chandausi; 3·8 in Gungapur.	Rains appear to have set in; ploughing for the *kharif* harvest has commenced; health of men and cattle generally good; cholera decreasing; bazars well supplied with food-grains; prices steady.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
N. W. Provinces and Oudh—*contd.*		
Cawnpore (June 20th)	Average over 9·2	Sowings of *kharif* crops commenced; indigo and sugarcane thriving; health good; prices steady.
Allahabad („ 21st)	Rain abundant; average 5·9.	Ploughing and sowing everywhere in progress; cholera much diminished in the district, a few sporadic cases in Allahabad city; prices stationary.
Gorakhpur („ 20th)	Rains began on the 15th.	Very cloudy, with strong east wind; cholera in parts of the district; sowings commenced; prices slightly risen.
Jhánsi („ 19th)	From 6·3 in pargana Jhánsi to 1·2 in pargana Garotha.	Ploughing and sowing begun; prices stationary; small-pox amongst children continues; health otherwise good; cattle-disease disappearing.
Agra („ 20th)	Rain in all parganas from 0·1 to 1·7.	*Kharif* ploughings and sowings continue; fever and small-pox continue in city and two parganas; general health good; prices rising.
Farukhabad („ „)	General rain, varying from 2·5 to 5·2.	Ploughing for *kharif* commenced; prices much the same as last week.
Bareilly („ „)	Rains continue in showers.	Rain favourable for sowings, which are progressing; general health good.
Meerut („ „)	0·1 at Hapur; ·50 at Sardhana; drizzle at Meerut.	Weather cloudy, close, and muggy; *kharif* ploughing going on; cotton and rice sown; supplies sufficient; prices stationary; health of man and cattle good.
Kumaun („ „)	Steady rain throughout week.	Sunshine wanted; few cases of small-pox reported and mild measles prevalent; cattle-disease still in parts; prices stationary.
Lucknow („ „)	Sadr, 3·4; Maliabad, 4·9; Mohanlalganj, 2·7.	Sky cloudy; ploughing operations in progress; supplies sufficient; prices stationary; cholera still reported in city.
Rae Bareli („ 19th)	Sadr, 4·9; Digbijaiganj, 2·0; Dalmaun, 3·6; Salon, 6·3.	Weather cloudy, and every prospect of more rain; cholera continues in two tahsils; prices almost steady.
Partabgarh („ 20th)	Rain general throughout the district.	*Kharif* sowings commenced; prices steady; cholera continues about the same.
Sitapur („ „)	3·1	Sky cloudy, more rain likely, wind easterly.
Fyzabad („ „)	1·3	Sowing of rice, *kodo*, and *arhar* commenced; cholera decreasing. *General Remarks.*—General rain throughout the provinces; *kharif* ploughing and sowing everywhere in progress; bazars well supplied; prices rising in Gorakhpur, Agra, and Saharunpur; cholera continues in Gorakhpur, Lucknow, Rae Bareli and Partaigarh, and decreasing in Benares, Fyzabad and Allahabad; small-pox reported from a few districts; cattle-disease continues in Kumaun and is disappearing in Jhánsi.
Punjab—(June 20th)		
Delhi ...	No rain	Health fair; prices generally steady.
Hissar ...	Heat intense	Rain wanted; health good; prices rising.
Umballa ...	No rain	Rain wanted; land being prepared for *kharif* sowings; prices of food-grains gradually rising.
Jullundur ...	No rain	Health good; prices stationary.
Amritsar ...	·10	Slight fever; slight rise in prices of gram and barley.
Sialkot ...	·50	Health good; prices steady.
Lahore ...	No rain	Health good; prices stationary.
Ferozepore ...	·90 in district	Health good; crops harvested; prices steady.
Rawalpindi ...	·80	*Kharif* sowings in progress; fever in station; slight rise in prices of maize and gram.
Mooltan ...	·20	*Kharif* crops flourishing; health good; prices steady.
Dera Ismail Khan ...	·30	Health good; *kharif* sowings completed; prices rising.
Peshawar ...	No rain	*Kharif* sowings commenced on irrigated lands; slight rise in prices of barley and gram. *General Remarks.*—Rain has fallen in the Amritsar, Sialkot, Ferozepore, Rawalpindi, Mooltan, and Dera Ismail Khan districts; health generally good; slight fever reported in Amritsar and Rawalpindi; prices of food-grains generally show a tendency to rise.
Central Provinces—		
Nagpur (June 21st)	1·79	Weather windy; preparation of land for *kharif* in a forward state; health good; prices steady.
Jubbulpore ...	15·48	Weather cloudy; ploughing retarded; small-pox and cholera still prevalent; rice 12 and wheat 16 seers per rupee.
Saugor ...	4·36	Rain general; weather windy; *kharif* sowings commenced; health good; prices steady.
Seoni ...	1·73	*Kharif* sowings in progress; cholera and small-pox prevalent; rice 15 and wheat 18 seers per rupee.
Hoshangabad ...	3·69	*Kharif* sowings commenced; small-pox prevalent; rice 9, wheat 14, and *juari* 21 seers per rupee.
Khandwa (June 20th)	4·73	Weather cool and cloudy; *kharif* sowings continue; small-pox prevalent; wheat 15 and *juari* 24 seers per rupee.
Raipur („ 17th)	Constant rain	Weather cloudy; rice sowings vigorously pushed on; health generally good; few cases of cholera; rice 40 and wheat 28 seers per rupee.
Sambalpur („ 15th)	15·94	Monsoon burst with force on 10th; rice sowings commenced; health good; rice 52 seers per rupee. *General Remarks.*—Weather cloudy, attended with rain, heavy showers in several districts; preparation of land for *kharif* in forward state and sowings commenced; cholera still prevalent, particularly in the Jubbulpore, Seoni, and Damoh districts; prices continue easy.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
British Burma—(June 17th)		
Akyab ...	37·77	Total rainfall 63·46; 1 death from small-pox in town and 1 in interior, otherwise public health good; cattle-disease severe in two townships; ploughing commenced in some places.
Rangoon ...	2·89	Corrected total rainfall to date 17·99; 3 deaths from cholera, otherwise public health good.
Bassein ...	13·22	Total rainfall 36·92; public health good; cattle-disease in two townships; ploughing commenced.
Prome ...	1·54	Total rainfall 9·49; public health good.
Amherst ...	19·38	Total rainfall 59·13; 1 case of cholera in district, otherwise public health good; cattle-disease still prevalent in two townships.
Toungoo ...	5·62	Total rainfall 18·56; 4 cases and 1 death from small-pox in town, otherwise public health good; 3 deaths from cattle-disease in one township.
		General Remarks.—Excepting a few cases of cholera and small-pox, public health good; cattle-disease continues in Akyab and Amherst, slightly in some other districts; rainfall generally abundant.
Assam—(June 21st)		
Gauhati ...	2·16	More rain wanted; cholera still in the interior; crops doing well.
Sylhet ...	6·44	*Murali* harvest commencing; cultivation of other kinds of paddy proceeding rapidly; cholera decreasing; small-pox still reported; tea doing well.
Cachar ...	5·62	Weather cloudy and sultry, with occasional heavy showers; sowing of crops continues; common rice 25¾ seers per rupee; 2 deaths reported from cholera in Silchar and 16 from Lakhimpur.
Dibrugarh ...	1·46	Weather warm; more rain wanted; ploughing for *sali dhan* in progress; cattle-disease still reported; public health generally good, but some cases of small-pox and cholera in the north of the Lakhimpur sub-division; no fresh cholera cases reported from the Sadr sub-division.
Mysore and Coorg—(June 21st)		
Bangalore ...	·26	Crops in good condition; prospects favourable.
Mysore ...	·08	Crops in good condition; prospects good.
Mercara	17·62	The heavy rain was proving most disastrous and caused the death of numbers of cattle exposed to it; the break in the monsoon which took place on the 19th is most beneficial for agricultural operations; rice-fields are being ploughed and paddy sown; the *ragi* crops in the Naujarajapatana taluk is now well above the ground; coffee seedlings are being planted; prospects good; public health good.
		General Remarks.—Rain has fallen throughout the province of Mysore, especially towards the west where the excessive rain and high winds are causing inconvenience; crops generally in good condition; prospects favourable; prices satisfactory; in Bangalore *ragi* 25½ seers per rupee, in Mysore 21 seers, and in Chitaldrug 32 to 40 seers; public health generally good; a few sporadic cases of cholera in Yedalore and Ashtagram taluks in Mysore district; fever and murrain prevailing more or less throughout the province.
Berar & Hyderabad—(June 21st)		
Amráoti ...	3·10	Weather warm and windy; cotton plants above ground; wheat 18 and *juari* 36 seers per rupee.
Akola ...	2·97	*Kharif* sowings continue.
Hyderabad ...	·46	Ground for coming *kharif* crops being still prepared; sowing delayed owing to break in weather; health in general improving; prices—wheat 16, rice 9½, white *juari* 22, yellow *juari* 27½, and *urd* 27¾ seers per halli sicca rupee.
Central India States—(June 21st)		
Indore ...	1·42	After an unusually heavy fall of rain there is a break, which was much required; sowing operations in active progress; health good; weather cool and pleasant.
Morar (Gwalior) ...	1·70	Prices steady; health good.
Sutna ...	26·38	Weather cloudy; health good; cholera at Rewah.
Rutlam ...	.....	No report received.
Neemuch ...	1·87	Public health good.
Goona ...	·85	Weather cloudy; health good.
Bhopal ...	1·63	Weather cloudy; health and prospects good.
Agar ...	3·19	Sowing operations commenced; health good.
Nowgong ...	6·44	Public health good; cholera reported in Baoni.
Manpur ...	Heavy and continuous rain on 13th, 14th, and 15th.	Sowing of *makka* interrupted; prices somewhat higher.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Rajputana—		
Abu (June 21st)	.....	*High south and westerly wind*; weather cloudy and monsoonish.
Sirohi ...	·80	Tanks dry; health fair; wells good; high winds prevail.
Marwar (June 16th)	·16	*Plenty water in tanks; health good*; weather cloudy and close, intense heat; winds variable; ample indications of rain; prices rising.
Meywar („ 17th)	2·03	Tanks and wells good; health fair; some fever; sowings commenced; weather cloudy.
Harowti („ „)	Deoli, 2·98; Kotah, 4·35; Shahpura, 4·51; Tonk, 2·87.	Previous week ·23; health about Deoli still indifferent, elsewhere good; weather cloudy and cool; ploughing commenced; prices slightly fallen.
Jhallawar („ 14th)	2·71	Small-pox disappeared.
Ajmere („ 20th)	·02	Weather cloudy; local outbreak of cholera.
Jeypore („ „)	Slight rain	Winds variable; prices somewhat higher; preparations for *kharif* sowings going on; few sporadic cases of cholera and small-pox in districts.
Bhurtpore ...	.....	No report received.
Ulwur (June 21st)	Over 2 inches of rain on 14th; none since.	*Kharif sowings progressing*; health good.
Nepal—(June 15th)		
Katmandu ...	3·63	Weather hot and oppressive.

E. C. BUCK,
Secy. to the Govt. of India.

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SUPPLEMENT TO

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OFFICIAL PAPERS.

A SUPPLEMENT *to the* GAZETTE OF INDIA *will be published from time to time, containing such Official Papers and information as the Government of India may deem to be of interest to the Public, and such as may usefully be made known.*

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GOVERNMENT OF INDIA.

DEPARTMENT OF FINANCE AND COMMERCE.

Comparative Statement of the Nett Indian Sea and Land Customs Revenue (excluding Salt Revenue) for the first two months of the official year 1882-83, and of the eleven preceding years.

(IN THOUSANDS OF RUPEES.)

YEAR.	FOR THE TWO MONTHS, APRIL AND MAY.																								YEAR.
	BENGAL.				BOMBAY.				SINDH.				MADRAS.				BRITISH BURMA.				TOTAL BRITISH INDIA.				
	On Imports of Liquors.	On other Imports.	On Exports.	Total Revenue.	On Imports of Liquors.	On other Imports.	On Exports.	Total Revenue.	On Imports of Liquors.	On other Imports.	On Exports.	Total Revenue.	On Imports of Liquors.	On other Imports.	On Exports.	Total Revenue.	On Imports of Liquors.	On other Imports.	On Exports.	Total Revenue.	On Imports of Liquors.	On other Imports.	Total Import Revenue.	Export Revenue.	Total Revenue.	
1871-72 . .	1,66	11,62	3,51	16,79	1,46	4,93	88	7,27	18	15	24	57	57	2,06	2,88	5,51	25	73	6,01	6,99	4,12	19,49	23,61	13,52	37,13	1871-72.
1872-73 . .	2,17	9,94	4,21	16,32	91	7,09	98	8,98	18	16	72	1,06	66	2,19	2,23	5,08	67	87	8,22	9,76	4,59	20,25	24,84	16,36	41,20	1872-73.
1873-74 . .	1,57	9,48	2,67	13,72	98	5,94	86	7,78	15	9	22	46	78	2,11	2,71	5,60	62	80	9,04	10,46	4,10	18,42	22,52	15,50	38,02	1873-74.
1874-75 . .	1,64	10,45	2,21	14,30	1,16	5,08	88	7,12	22	8	22	52	56	2,39	2,08	5,03	74	1,10	6,95	8,79	4,32	19,10	23,42	12,34	35,76	1874-75.
1875-76 . .	1,67	12,73	2,95	17,35	1,23	6,50	2,31	10,04	18	20	54	92	63	2,33	2,79	5,75	79	71	11,94	13,44	4,50	22,47	26,97	20,53	47,50	1875-76.
1876-77 . .	2,28	10,33	1,73	14,34	1,41	6,75	38	8,54	23	9	7	39	95	2,13	1,31	4,39	97	92	8,50	10,39	5,84	20,22	26,06	11,99	38,05	1876-77.
1877-78 . .	2,61	12,61	2,20	17,42	1,89	8,17	43	10,49	45	15	12	72	92	1,41	34	2,67	98	1,08	7,14	9,20	6,85	23,42	30,27	10,23	40,50	1877-78.
1878-79 . .	2,31	12,38	1,98	16,67	1,55	7,80	49	9,84	39	9	8	56	1,02	1,85	82	3,69	1,45	1,21	7,94	10,60	6,72	23,33	30,05	11,31	41,36	1878-79.
1879-80 . .	1,75	11,13	1,37	14,25	1,75	6,38	55	8,68	46	11	7	64	85	1,38	73	2,96	1,31	94	9,82	12,07	6,12	19,94	26,06	12,54	38,60	1879-80.
1880-81 . .	2,26	8,39	1,02	11,67	1,68	7,60	44	9,72	88	16	7	1,11	95	1,67	1,68	4,30	85	1,29	9,10	11,24	6,62	19,11	25,73	12,31	38,04	1880-81.
1881-82 . .	2,52	9,27	1,97	13,76	1,89	7,56	51	9,96	84	22	10	1,16	75	1,64	1,55	3,94	1,30	1,30	11,24	13,84	7,30	19,99	27,29	15,37	42,66	1881-82.
1882-83 . .	2,51	9	2,26	4,86	2,03	—33*	42	2,12	61	2	16	79	87	—1*	67	1,53	1,79	2	13,59	15,40	7,81	—21*	7,60	17,10	24,70	1882-83.

* The amount refunded is greater than the duty collected.

DEPARTMENT OF FINANCE AND COMMERCE,
STATISTICAL BRANCH;
Calcutta, 23rd June 1882.

D. M. BARBOUR,
Offg. Secretary to the Government of India.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

IRRIGATION BRANCH.

IRRIGATION OPERATIONS IN BENGAL FOR 1882-83.

Areas leased for Irrigation up to end of April 1882.

Circle.	District.	Canal.	SUPPLY OF WATER IN THE CANALS.			KHARIF.								RABI.				SUGARCANE.		GRAND TOTAL.				Grand total of the corresponding month of last year.	RAINFALL.			REMARKS.
						FIVE-YEAR LEASES.			THREE-YEAR LEASES.			ANNUAL LEASES.		THREE-YEAR LEASES.		ANNUAL LEASES.												
			Estimated full discharge in cubic feet per second.	Average discharge in cubic feet per second throughout the month.	Estimated discharge utilised.	Leased in April 1882.	Leased up to end of April 1882.	Total, inclusive of unexpired leases of previous years.	Leased in April 1882.	Leased up to end of April 1882.	Total, inclusive of unexpired leases of previous years.	Leased in April 1882.	Leased up to end of April 1882.	Leased in April 1882.	Leased up to end of April 1882.	Total, inclusive of unexpired leases of previous years.	Leased in April 1882.	Leased up to end of April 1882.	Leased in April 1882.	Leased up to end of April 1882.	Kharif.	Rabi.	Sugarcane.	Total.		Inches during the month.	Inches during 1882-83.	Average of the ten previous years of the same period.	
			c. ft.	c. ft.	c. ft.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Ins.	Ins.	Ins.	
Orissa	Cuttack	Kendrapara	1,269	345·40	...	...	...	40,081	...	...	13,607	...	...	...	...	...	...	...	...	...	53,688	...	...	53,688	46,514				
		Patamoondee	1,042	43·10	...	...	...	11,272	...	...	796	...	...	...	...	...	...	...	...	...	12,068	...	...	12,068	11,734				
		High Level, Section I	675	136·70	...	...	...	13,587	...	...	626	...	...	...	...	...	...	5	...	5	14,213	...	5	14,218	14,006	1·69	1·69	1·00	
		Taldanda	1,300	182·00	...	...	...	10,076	...	...	932	...	...	...	...	...	...	...	...	...	11,008	...	...	11,008	10,352				
	Balasore	Matchgong	650	103·00	...	...	...	25,269	...	...	6,197	...	...	...	...	...	...	...	...	...	31,466	...	...	31,466	28,129				
		High Level, Section II	727·16	298·57	...	...	...	204	...	...	1,176	...	...	...	...	...	...	...	...	...	1,380	...	...	1,380	1,410				
	Total of the month		...	...	...	...	...	100,489	...	...	23,334	...	...	...	...	...	...	5	...	5	123,823	...	5	123,828	112,145	1·69	1·69	1·00	
	Total of the corresponding month of previous year		...	...	...	...	...	100,894	...	...	10,663	...	...	...	...	...	552	552	36	36	111,557	552	36	112,145	...	0·60	0·60	...	
South-Western	Midnapore	Midnapore	875	64·00	...	...	...	90,420	...	...	75	...	...	...	...	...	...	...	...	...	90,495	...	...	90,495	91,690	2·68	2·68	1·54	
	Howrah	Panchkoorah	300	12·00	...	...	...	13,337	...	...	30	...	...	...	...	...	...	...	...	...	13,367	...	...	13,367	12,129	1·51	1·51	1·09	
	Total of the month		...	...	...	...	...	103,757	...	...	105	...	...	...	...	...	...	...	...	...	103,862	...	...	103,862	103,819	4·19	4·19	2·63	
	Total of the corresponding month of previous year		...	...	...	...	...	103,520	...	...	299	...	...	...	...	...	...	...	...	...	103,819	...	...	103,819	...	1·95	1·95	3·34	
Sone	Shahabad	Western Main	4,342	1,200	...	...	...	399	...	...	...	...	...	...	...	...	...	1,214	1,214	399	...	1,214	1,613	1,612	0·00	0·00	0·15	
		Buxar	1,226	218	...	835	835	3,429	...	...	...	...	...	...	...	...	...	2,834	2,834	3,429	..	2,834	6,263	7,165				
		Arrah	1,660	400	...	251	251	33,243	...	...	...	...	...	...	...	3,347	...	6,074	6,074	33,243	3,347	6,074	42,664	21,241	0·05	0·05	0·26	
	Patna and Gya	Eastern Main	1,466	447	...	88	88	214	...	...	...	...	...	...	...	...	...	74	74	214	...	74	288	15	0·00	0·00	0·80	
		Patna				57	57	6,756	...	...	...	...	...	...	...	...	73	1,471	1,471	6,756	73	1,471	8,300	1,485				
	Total of the month		...	...	...	1,231	1,231	44,041	...	...	...	...	...	...	...	3,347	73	11,667	11,667	44,041	3,420	11,667	59,128	31,518	0·05	0·95	1·21	
	Total of the corresponding month of previous year		...	...	...	1,418	1,418	6,570	...	...	9,280	...	...	...	...	4,352	...	11,316	11,316	15,850	4,352	11,316	31,518	...	0·85	0·85	2·27	
	Grand total of the month		...	...	...	1,231	1,231	248,287	...	...	23,439	...	...	...	...	3,347	73	11,672	11,672	271,726	3,420	11,672	286,818	247,482	5·93	5·93	4·84	
	Grand total of the corresponding month of previous year		...	...	...	1,418	1,418	210,984	...	...	20,242	...	...	...	...	4,352	552	11,352	11,352	231,226	4,904	11,352	247,482	...	3·40	3·40	5·61	

CALCUTTA,
The 2nd June 1882.

G. F. E. S. NEILL, *Major, M.S.C.,*
Asst. Secy. to the Govt. of Bengal,
in the P. W. Dept., Irrigation Branch.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

COMPARATIVE RETURN OF TRAFFIC CARRIED ON THE UPPER AND LOWER GANGES CANALS FOR THE HALF-YEAR ENDING 30TH SEPTEMBER 1881 AND 1880.

	Demands.		Collected during current half-year.	Balance uncollected.	Same period of previous year.		Nature of Cargo (in maunds).	Current half-year.			Corresponding period of previous half-year.			Tonnage.						Ton Mileage.						Value of Goods.				Number of Passengers.			
														1881.			1880.			1881.			1880.			1881.			1880.				
	Balance from previous half-year.	For current half-year.			Demands.	Collections.		Up.	Down.	Total.	Up.	Down.	Total.	Upper Ganges Canal (local).	Lower Ganges Canal (local).	Upper and Lower Ganges Canals (through).	Upper Ganges Canal (local).	Lower Ganges Canal (local).	Upper and Lower Ganges Canals (through).	Upper Ganges Canal (local).	Lower Ganges Canal (local).	Upper and Lower Ganges Canals (through).	Upper Ganges Canal (local).	Lower Ganges Canal (local).	Upper and Lower Ganges Canals (through).	Upper Ganges Canal (local).	Lower Ganges Canal (local).	Upper and Lower Ganges Canals (through).	Upper Ganges Canal (local).	Lower Ganges Canal (local).	Upper and Lower Ganges Canals (through).	Upper Ganges Canal (local).	Lower Ganges Canal (local).	Upper and Lower Ganges Canals (through).
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
TOLLAGE.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		Mds.	Mds.	Mds.	Mds.	Mds.	Mds.																							
Private boats	13	6,892	6,859	47	9,486	8,739	Grain	24,538	29,053	53,591	22,911	28,885	51,796																							
Government boats	...	415	415	...	475	475	Cotton	10	4,245	4,255	21	5,828	5,849																							
Rafts	...	1,932	1,932	...	2,274	2,274	Oilseeds	314	28,642	28,956	468	13,155	13,623																							
							Salt	1,729	75,117	76,846	3,360	107,040	110,400																							
							Metals	21,631	3,103	24,734	17,636	1,097	18,733																							
CARRYING OPERATIONS.							Miscellaneous goods	49,451	59,483	108,934	20,369	71,080	91,449																							
Boating, Government	...	557	557	...	430	430	Building materials	130,725	169,810	300,535	98,499	159,391	257,890	20,677		6,356			31,017	926,235		405,229			3,383,592	Rs. 3,25,407		Rs. 3,29,765	Rs. 12,87,200			629		41	1,081		
Fines and sundries	...	48	48	...	68	68	Firewood	9,900	62,182	72,082	5,775	87,432	93,207															Rs. 6,61,063								
Ground-rent	...	185	185	...	58	58	Bamboos	974	141,170	142,144	997	120,655	121,652			7,033			...			1,780,634							...		...			Nil.			...
							Timber	3,665	100,232	103,897	4,245	66,343	70,588																							
							Miscellaneous	2,994	782	3,776	1,866	372	2,238																							
TOTAL	13	*10,029	9,996	47	12,791	12,044	TOTAL	245,931	673,819	919,750	1,76,147	661,278	837,425																							

* Upper Ganges Canal 13 6,473 6,440 47
Lower ditto ... 3,556 3,556 ...
10,029 9,996

ALLAHABAD,
The 29th May 1882.

G. H. D. WALKER,
Asst. Secy. to Govt., N.-W. P., P. W. D., I. B.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

COMPARATIVE RETURN OF TRAFFIC CARRIED ON THE AGRA CANAL FOR THE HALF-YEAR ENDING 30th SEPTEMBER 1881 AND 1880.

	Demands.		Collected during current half-year.	Balance uncollected.	Same period of previous year.		Nature of Cargo.	Current half-pear.			Corresponding period of previous half-year.			Ton-nage.		Ton Mile-age.		Value of Goods.		Number of Pas-sengers.	
	Balance from previous year.	For current year.			Demands.	Collections.		Up.	Down.	Total.	Up.	Down.	Total.	1881.	1880.	1881.	1880.	1881.	1880.	1881.	1880.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
TOLLAGE.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		Mds.	Mds.	Mds.	Mds	Mds.	Mds.					Rs.	Rs.		
Private boats	...	725	725	...	556	556	Grain	100	38,640	38,740	...	4,475	4,475								
Government boats	...	343	343	...	...	...	Cotton	...	950	950	...	...	...								
Rafts	...	1,086	1,086	...	...	...	Oilseeds	...	2,024	2,024	...	...	...								
							Salt	100	...	100	...	...	...								
							Metals	...	...	...	...	...	...								
							Miscellaneous goods	4,189	3,375	7,564	1,250	20,077	21,327	3,900	3,491	533,700	371,651	1,73,572	1,25,058	...	...
CARRYING OPERATIONS.							Building materials	50,315	300	50,615	67,740	350	68,090								
							Firewood	...	775	775	735	700	1,435								
Boating, Government	...	1,296	1,296	...	800	800	Bamboos	...	...	...	...	...	...								
Fines	...	...	...	...	...	...	Timber	...	1,750	1,750	450	1,900	2,350								
Ground-rent	...	...	...	...	...	...	Miscellaneous materials	300	33,594	33,894	...	106	106								
TOTAL	...	3,450	3,450	...	1,356	1,356	TOTAL	55,004	81,408	136,412	70,175	27,608	97,783								

ALLAHABAD,
The 29th May 1882.

G. H. D. WALKER,
Asst. Secy. to Govt., N.-W. P., P. W. D., I. B.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

RAILWAY TRAFFIC.

No. XXII of 1882.

APPROXIMATE STATEMENT OF GROSS RECEIPTS AND EXPENSES OF INDIAN RAILWAYS.

Latest return received.	Railways.	Total mean length open.	Receipts for week ending 4th June 1881. Total.	Per mile open.	Total mean length open.	Receipts for week ending 3rd June 1882. Total.	Per mile open.	Total Receipts from 1st April to 4th June 1881. Total.	Per mile open per week.	Total Receipts from 1st April to 3rd June 1882. Total.	Per mile open per week.	Total Increase in 1882-83.	Total Decrease in 1882-83.
	Guaranteed.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
10th June 1882	Eastern Bengal ...	176	66,738	379	172	68,076	396	5,64,640	346	6,50,282	414	85,642	...
3rd ditto ...	Oudh and Rohilkhand	547	97,348	178	547	1,09,644	200	9,78,756	193	10,76,915	216	98,159	...
3rd ditto ...	Sind, Punjab & Delhi	676	1,83,351	271	676	2,06,802	306	18,15,319	289	18,30,983	296	15,664	...
3rd ditto ...	Madras ...	858	1,17,361	137	858	1,57,575	184	10,84,702	136	12,61,683	160	1,76,981	...
3rd ditto ...	South Indian ...	655	69,575	106	655	87,326	133	6,92,913	114	7,15,066	120	22,153	...
10th ditto ...	Great Indian Peninsula	1,448	6,89,565	476	1,458	8,48,773	582	71,69,465	533	87,19,500	658	15,50,035	...
3rd ditto ...	Bombay, Baroda and Central India ...	444	2,51,099	566	461	2,86,921	622	26,04,741	632	26,32,686	624	27,945	...
	TOTAL ...	4,804	14,75,037	307	4,827	17,65,117	366	1,49,10,536	332	1,68,87,115	383	19,76,579	...
	State.												
10th June 1882	East Indian ...	1,504	8,45,361	562	1,507	8,87,484	589	79,93,884	571	82,22,049	596	2,28,165	...
3rd ditto ...	Calcutta and South-Eastern ...	28	2,574	92	28	2,579	92	25,311	97	28,672	112	3,361	...
3rd ditto ...	Nalhati ...	27	1,088	40	27	1,710	63	11,312	45	13,008	52	1,696	...
3rd ditto ...	Northern Bengal ...	231	29,111	126	233	33,390	143	2,69,653	126	3,22,372	151	52,719	...
3rd ditto ...	Tirhoot ...	82	13,957	170	85	12,498	147	1,17,764	155	1,28,679	165	10,915	...
3rd ditto ...	Patna-Gya ...	57	8,306	146	57	7,659	134	87,821	166	93,308	179	5,487	...
10th ditto ...	Muttra-Hathras ...	29	2,690	93	29	2,421	83	23,576	87	24,131	91	555	...
3rd ditto ...	Cawnpore-Farukhabad	86	5,202	60	86	6,068	71	48,740	61	60,466	77	11,726	...
3rd ditto ...	Dildarnagar-Ghazipur	12	1,006	84	12	1,229	102	9,879	89	10,759	98	880	...
10th ditto ...	Rajputana-Malwa ...	1,016	2,26,536	223	1,117	2,04,022	183	17,24,493	183	20,64,598	202	3,40,105	...
3rd ditto ...	Wardha Coal ...	45	9,901	220	45	11,280	251	79,867	191	1,23,775	301	43,908	...
3rd ditto ...	Nagpur & Chhattisgarh	66	6,699	101	98	17,030	174	73,202	114	1,82,951	204	1,09,749	...
3rd ditto ...	Rangoon and Irrawaddy Valley ...	161	27,863	173	161	26,688	166	3,40,145	227	3,42,911	233	2,766	...
10th ditto ...	Sindia ...	78	5,183	66	75	5,714	76	56,029	84	59,744	87	3,715	...
3rd ditto ...	Punjab Northern ...	363	57,052	157	412	44,549	108	6,17,800	183	5,50,860	154	...	66,940
10th ditto ...	Indus Valley and Kandahar ...	660	89,560	136	660	1,12,272	170	10,31,293	168	7,69,661	127	...	2,61,632
ditto ...	Muttra-Achneyra ...	...	...	...	23	1,181	51	...	...	10,854	52	10,854	...
	TOTAL ...	2,941	4,86,731	165	3,148	4,90,293	156	45,16,885	165	47,86,749	167	2,69,864	...
	Native States.												
3rd June 1882	Bhavnagar-Gondal ...	192	22,379	117	194	23,023	119	2,13,090	120	2,60,201	147	47,111	...
3rd ditto ...	Nizam's ...	121	14,879	123	121	16,179	134	1,52,172	135	1,56,280	141	4,108	...
10th May 1882	Mysore ...	58	5,386	93	...	(*a*)...	...	(*b*)16,596	39	(*c*)35,456	57	18,860	...
	TOTAL ...	371	42,644	115	315	39,202	124	3,81,858	111	4,51,937	123	70,079	...
	GRAND TOTAL ...	9,620	28,49,773	296	9,797	31,82,096	325	2,78,03,163	311	3,03,47,850	337	25,44,687	...
	GROSS ESTIMATED EXPENSES ...	...	...	...	...	...	...	1,30,67,487	146	1,45,66,968	162	...	...
	NET RECEIPTS ...	...	...	...	...	...	...	1,47,35,676	165	1,57,80,882	175	10,45,206	...

(*a*) Return not received. (*b*) Total receipts from 1st April to 21st May 1881. (*c*) Total receipts from 1st April to 20th May 1882.

F. FIREBRACE, *Major, R.E.*,
Under Secretary.

SIMLA,
The 3rd June 1882.

GOVERNMENT OF INDIA.

DEPARTMENT OF FINANCE AND COMMERCE.

SUPPLEMENT TO THE STATEMENT OF PRICES CURRENT OF FOOD-GRAINS FOR THE 2nd HALF OF MAY 1882, PUBLISHED IN PAGES 894 AND 895 OF THE SUPPLEMENT TO THE "GAZETTE OF INDIA," DATED 24th JUNE 1882.

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

Province.	District.	Rice. Common. Present fortnight.	Rice. Common. Past fortnight.	Rice. Common. Corresponding fortnight of last year.	Rice. Best sort. Present fortnight.	Rice. Best sort. Past fortnight.	Rice. Best sort. Corresponding fortnight of last year.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of last year.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of last year.	Gram. Present fortnight.	Gram. Past fortnight.	Gram. Corresponding fortnight of last year.	Firewood. Present fortnight.	Firewood. Past fortnight.	Firewood. Corresponding fortnight of last year.	Salt. Wholesale. Present fortnight.	Salt. Wholesale. Past fortnight.	Salt. Wholesale. Corresponding fortnight of last year.	Salt. Retail. Present fortnight.	Salt. Retail. Past fortnight.	Salt. Retail. Corresponding fortnight of last year.
		S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.
RAJPOOTANA.	Bikaneer	12 2	10 0	0 0	3 1	3 1	2 14	2 10	2 10	0 10	...	...	...	15 0	16 12	13 6	...	...	...	...	...	...	11 8	11 8	8

Latest return received.	Railways.	Total mean length open.	Receipts for week ending 4th June 1881. Total.	Per mile open.	Total mean length open.	Receipts for week ending 3rd June 1882. Total.	Per mile open.	Total Receipts from 1st April to 4th June 1881. Total.	Per mile open per week.	Total Receipts from 1st April to 3rd June 1882. Total.	Per mile open per week.	Total Increase in 1882-83.	Total Decrease in 1882-83.
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	TOTAL ...	4,804	14,75,037	307	4,827	17,65,117	366	1,49,10,536	332	1,68,87,115	383	19,76,579	...
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ditto ...	Muttra-Achneyra ...	...	...	...	23	1,181	51	...	...	10,854	52	10,854	...
	TOTAL ...	2,941	4,86,731	165	3,148	4,90,293	156	45,16,885	165	47,86,749	167	2,69,864	...
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	TOTAL ...	371	42,644	115	315	39,202	124	3,81,858	111	4,51,937	123	70,079	...
	GRAND TOTAL ...	9,620	28,49,773	296	9,797	31,82,096	325	2,78,03,163	311	3,03,47,850	337	25,44,687	...
	GROSS ESTIMATED EXPENSES ...	...	...	...	...	...	...	1,30,67,487	146	1,45,66,968	162	...	...
	NET RECEIPTS ...	...	...	...	...	...	...	1,47,35,676	165	1,57,80,882	175	10,45,206	...

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F. FIREBRACE, *Major, R.E.*,
Under Secretary.

SIMLA,
The 3rd June 1882.

D. M. BARBOUR,
Offg. Secretary to the Government of India.

GOVERNMENT OF INDIA.

REVENUE AND AGRICULTURAL DEPARTMENT.

REPORTS ON THE STATE OF THE SEASON AND PROSPECTS OF THE CROPS FOR THE WEEK ENDING THE 27th JUNE 1882.

GENERAL REMARKS.—The monsoon which was noticed in last week's report as not having as yet reached the Punjab does not appear to have made any marked progress during the week under report either in that Province or in Sind, though strong monsoon winds are reported at Kurrachee. Slight showers have, however, fallen in a few districts of the Punjab. In the Rajputana States rain is reported from two places only. In the North-Western Provinces and Oudh very little rain is reported during the week, and westerly winds prevail. In Behar, Bengal, and Orissa, as well as in Assam, more or less rain has continued to fall in all districts, except in Moorshedabad, where however the fall was exceptionally heavy in the preceding week.

Rain is reported from most of the Central India States and in the Central Provinces. In the Bombay Presidency, in Berar, and in the Nizam's Territories a break, more or less marked, has occurred. In Mysore and Coorg also there was less rain than in the preceding week. In the Madras Presidency the fall has been lighter than in the preceding week.

In British Burma heavy rain has continued to fall.

Ploughing, sowing, and transplanting of rice are favourably progressing as a rule throughout the country, and standing crops where they exist are generally doing well.

No excess of rain is reported anywhere, except in Sylhet. On the other hand, insufficient rain is reported in four districts of the Madras Presidency, in part of Mysore, the Nizam's Territories and Berar, in some districts of the North-Western Provinces and Oudh, and throughout the greater part of Rajputana and the Punjab.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Madras—(June 28th)		
Bellary ...	·15 (in one station)	Standing crops—wet good, dry require rain; harvest paddy, yield below average; fever and small-pox in parts.
Kurnool ...	·03 (in one station)	Want of rain much felt; standing sugarcane and indigo require water in parts; cattle-disease in some places.
Ganjam ...	·52 (average of sixteen stations).	Standing wet and dry crops not thriving for want of heavy rain; fever, small-pox, and cholera prevalent; cattle-disease exists.
Kistna ...	·46 (average of five stations).	Small-pox slightly and cattle-disease generally prevalent.
Chingleput (Madras) ...	·67 (average of three stations).	Standing crops good where water available; agricultural operations progressing; small-pox, cholera, and cattle-disease in parts.
Coimbatore ...	·23 (average of six stations).	Standing crops generally good, though *cholum* slightly attacked by insects in parts; harvest dry crops, outturn below average; small-pox and fever in parts.
Tanjore ...	·10 (average of four stations).	Standing crops generally good; harvest paddy, outturn below average; cattle-disease slight in parts.
Madura ...	·31 (average of seven stations).	Standing crops fail in parts; harvest *cholum*, yield about average; fever and cholera in parts.
Malabar ...	3·92 (average of thirteen stations).	Sowing first crops progressing; small-pox, cholera, and fever in parts.
Travancore ...	2·82	Ploughing and sowing over; fever slightly prevalent. *General Remarks.*—General prospects good.
Bombay—(June 28th)		
Kurrachee ...	No rain	Strong monsoon winds; river at Kotri on 26th 15 feet 11 inches, against 15¾ feet on corresponding date last year; fever in five talukas; crabs doing some damage in Tappa, Ghorabari taluka; wheat, red rice, and *bajri* in Kurrachee 22, 36 and 34, in Dadu 32 and 40, in Ghorabari 16, 48 and 44, and in Jati 18, 48 and 44 lbs. per rupee, respectively.
Hyderabad ...	.....	River still rising; *kharif* operations continue; fever in one taluka; wheat 25, *juari* 44, *bajri* 40, red rice 34, and white rice 29 lbs. per rupee.
Ahmedabad ...	7·54	Cholera—in Ahmedabad city 70 cases, 30 deaths, in Dhakroli 13 cases, 10 deaths, in Sanand 7 cases, 1 death, in Dhanduka 27 cases, 23 deaths, in Viramgaum 41 cases, 22 deaths; ploughing continues; sowing commenced; wheat 26 and *bajri* 29 lbs. per rupee.
Baroda ...	1·25	Total rainfall 7·12; sowing of *kharif* continues; slight cholera in Kadi division; want of rain felt in Amreli; general health good; *bajri* 29 and rice 23 lbs. per rupee.
Surat ...	1·71	Total rainfall 9·91; sowing and transplanting progressing; *juari* 35 and *nagli* 51 lbs. per rupee.
Násik ...	Igatpuri, 5·34; Peint, 3·35; slight showers in three talukas; no rain elsewhere.	Early sowing crops doing well; *bajri* sowing will commence shortly; locusts in several talukas; no sickness; *bajri* 36, wheat 24, and rice 24 lbs. per rupee.
Colaba (Bombay) ...	1·69	Total rainfall 27·07, being 7·07 above average; average temperature normal; vapour in air normal; wind normal from 21st to 25th; abnormal wind northerly on 26th and 27th.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Bombay—*contd.*		
Poona ...	Slight showers in two talukas.	Break in weather during the week; sowing progressing; *bajri* 40¼ and *juari* 55 lbs. per rupee, in Poona *bajri* 36¾ and *juari* 43½ lbs. per rupee.
Ahmednagar ...	Newasa, ·70; Parner, ·07; no rain in other talukas.	Sowing of *kharif* in progress in Parner, Shrigonda, and Kopergaon; cattle-disease in Nagar and Karjat; cholera in Parner, 11 cases, 4 deaths; *bajri*—maximum 60 lbs. in Jhamkhed, minimum 45 in Kopergaon; *juari*—maximum 90 lbs. in Jhamkhed, minimum 54 in Kopergaon.
Sholapur ...	Slight rain throughout.	No deaths from cholera; *kharif* sowing progresses; *bajri* 54 lbs. 19 tolas and *juari* 73 lbs. 17 tolas per rupee.
Dharwar ...	Slight rain in Gadag, Bankapur, Hangal, Kod, and Ron.	Sowing of *kharif* crops almost completed; young crops look well public health good; rice 22 and *juari* 55 lbs. per rupee.
Kanara ...	Karwar, ·27; total, 33·63; Kumpta, ·98; Sirsi, ·89; Hallial ·46.	Sowing operations continue above Ghât; rice plants healthy on coast; small-pox and cattle-disease subsiding; common rice in Karwar 12 seers, in district average 13¼ seers per rupee; weather cloudy and showery.
Rajkot ...	No rain	Weather hot and cloudy; cholera in some places in Halar and Sorath; *bajri* 24 and *juari* 29 lbs. per rupee.
		General Remarks.—Ploughing in general progress; sowing completed in some places; break in the weather in most districts, retarding operations in a few; locusts in Khandesh, Násik, and Satara; slight fever and cattle-disease in a few districts; cholera in Belgaum, Satara, Ahmednagar thana, Ahmedabad, and parts of Kathiawar.
Bengal—(June 28th)—		
Chittagong ...	8·38; heavy rain in all parts of districts.	Prospects of crops satisfactory; transplanting going on; prices steady; cholera, small-pox, and cattle-disease still continue.
Dacca ...	4·75	All crops doing well.
24-Pergunnahs (Calcutta)	1·12	Sugarcane, jute, and early rice promising well; prospects fair; low lands being cultivated for *amun* rice; health of people and cattle generally good; sporadic cholera reported from Baraset subdivision; rivers rising.
Moorshedabad ...	*Nil*	Standing crops doing well; ploughing for *amun* rice rapidly progressing; public health generally good.
Rajshahye ...	·98	Prospects of crops favourable; prices stationary; cholera and fever unchanged.
Burdwan ...	2·11	Prospects of crops favourable; health fair.
Rungpore ...	5·85	Prospects of crops good; prices of food-grains stationary; public health good.
Bhagálpur ...	·97	Prospects of crops good; sowing of autumn crops rapidly progressing; Ganges risen very much; a few cholera cases reported daily.
Purneah ...	3·16	Prospects of crops very good; weeding continues; health fair; rivers rising.
Patna ...	2·54	Prospects of *bhadoi* crops good; *cheena* and sugarcane doing well; cholera and small-pox still reported from Behar sub-division.
Durbhunga ...	3·61	Weather cooler and cloudy; crop prospects good; indigo manufacture begun; cholera abating.
Hazáribágh ...	3·15	Weather cloudy and seasonable; prospects of crops good; prices of food-grains unchanged; general health good.
Cuttack ...	·34	Sowing completed; *beali* crops being harrowed; cholera still reported.
		General Remarks.—More or less rain in all districts, except Moorshedabad, during the week; present prospects generally excellent; agricultural operations in full progress; all standing crops thriving well; cholera generally much abated, but still prevalent in parts of Orissa and elsewhere; much fever reported in Darjeeling terai; public health on the whole fair.
N. W. Provinces and Oudh—		
Benares (June 27th)	·1 in Benares tahsil	Weather close; clouds sometimes appear, but are scattered away by storms and west winds; *kharif* crops sown; rain urgently needed; health of men and cattle generally good; bazars well supplied with food-grains; prices steady.
Allahabad („ 28th)	·4 at Handia; ·1 at Meja; heavy rain to-day.	Cholera decreasing; prices slightly risen.
Gorakhpur („ 27th)	.....	Weather very hot; west wind changed to east to-day; rain wanted; cholera decreasing; sowings in progress; prices steady.
Jhánsi („ 26th)	·6 in Jhánsi; ·11 in Garotha.	A break from 20th; ploughing and sowing of *kharif* crops in progress; prices rising; health generally good; no cattle-disease.
Agra ...	Rain in two parganas only—·20 in one and ·30 in the other.	More rain needed throughout district; *kharif* ploughings and sowings continue; fever and small-pox continue in city and two parganas; general health good; prices stationary.
Bareilly (June 27th)	No rain since 20th.	Weather extremely hot but seasonable for *kharif* ploughing; cotton and maize being sown everywhere, but hardly enough rain for rice sowings; everything else is as usual.
Meerut („ „)	Occasional showers, with very partial rain.	Strong west wind throughout the week; rain wanted; cane and indigo flourishing, but other sowings have been postponed; health good; supplies scanty; prices rising very slightly.
Kumaun („ „)	Alternate rain and sunshine.	Weather seasonable; crops flourishing; cattle-disease still prevails; prices stationary.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
N. W. Provinces and Oudh—*contd.*		
Rae Bareli (June 26th)	.....	A break in the rains, winds westerly; fields are being prepared for *kharif* sowings; cholera continues in two tahsils, but is on the decrease; prices rising.
Cawnpore („ 27th)	Average rainfall ·15	Rain beneficial to crops already sown; sowings in progress, but sky again cloudless and weather sultry; general health good; prices slightly risen.
Farukhabad („ „)	No rain	*Kharif* sowings in progress; prices steady; fever prevalent.
Lucknow („ „)	No rain, except ·10 at Sadr on 20th.	Sky clear; strong west winds; more rain wanted; supplies abundant; prices rising; no cattle-disease; cholera in city decreasing.
Partabgarh („ „)	.....	Prices rising; rain wanted badly; sky cloudy at times; heat very great; cholera increasing.
Sitapur („ „)	Average ·7	Hardly any rain since 20th, winds variable, now easterly.
Fyzabad („ „)	No rain	Sowing of *dhan* going on; cholera decreasing.
		General Remarks.—Very little rain during the week; winds chiefly westerly; weather sultry; more rain wanted; prices rising slightly, but supplies plentiful, except in Meerut; cholera increasing in Partabgarh, but has decreased elsewhere; cattle-disease continues in Kumaun.
Punjab—(June 27th)		
Delhi ...	·20	More rain wanted; health fair; slight fall in prices of gram and *bajri*.
Hissar ...	No rain reported, but wanted.	Health good; prices of food-grains fluctuating.
Umballa ...	No rain, but wanted	Health fair; prices of food-grains daily rising.
Jullundur ...	·14	Health good; prices stationary.
Amritsar ...	·70	Health fair; slight fall in price of barley.
Sialkot ...	·50	Health good; prices steady.
Lahore ...	Slight rain	Health good; prices stationary.
Ferozepore ...	·60	Health good; *kharif* ploughings commenced; prices steady.
Rawalpindi ...	No rain	*Kharif* crops good; fever in Rawalpindi, measles in Pindigheb; slight fall in prices of Indian-corn and gram.
Mooltan ...	No rain	Crops and health good; slight fall in prices of barley and millet.
Dera Ismail Khan ...	No rain	*Kharif* crops good; health good; prices fluctuating.
Peshawar ...	No rain	Health fair; prices rising.
		General Remarks.—Slight rain has fallen in the Delhi, Jullundur, Amritsar, Sialkot, Lahore, and Ferozepore districts; health generally good; fever still reported in Rawalpindi, and measles in Pindigheb; prices of food-grains generally are fluctuating.
Central Provinces—		
Nagpur (June 28th)	·26; heavy rain to-day.	Weather cloud and sultry; prices stationary.
Jubbulpore ...	1·71	Weather cloudy at times; ploughing continues; sowings commenced; cholera and small-pox prevalent; wheat 12 seers per rupee.
Saugor (June 26th)	2·22	Clear weather, facilitating sowing operations, which are in full swing; health good.
Seoni ...	·73	Ploughing facilitated by break in the weather; cholera and small-pox prevailing; prices stationary.
Hoshangabad (June 27th)	·21	Ploughing continues; *kharif* sowings progressing; small-pox prevalent; wheat 14 seers per rupee.
Khandwa („ „)	·25	Weather cloudy and stormy; *kharif* sowings in progress; rain wanted; small-pox prevailing; wheat 14 seers per rupee.
Raipur ...	.....	No report received.
Sambalpur (June 22nd)	1·31	Weather cloudy and cool; early sowings damaged by heavy rains; health good; rice 56 seers per rupee.
		General Remarks.—Weather cloudy and close; rain has fallen in most districts, but not sufficient to benefit sowings; which have begun; cholera and small-pox still prevalent in the Jubbulpore division; prices steady.
British Burma—(June 24th)		
Akyab ...	5·44	Total rainfall 68·90; small-pox slightly prevalent in one township, otherwise public health good; cattle-disease severe in two townships; ploughing commenced.
Rangoon ...	3·17	Total rainfall 21·16; 11 deaths from cholera, otherwise public health good.
Bassein ...	4·46	Total rainfall 41·38; 7 deaths from cattle-disease in Bassein township; ploughing general.
Prome ...	2·09	Total rainfall 11·58; 1 death from cholera in Prome town and 8 in districts; some cattle-disease in two townships; ploughing not yet commenced for want of rain.
Amherst ...	10·52	Total rainfall 69·65; public health good both in Moulmein and district; cattle-disease still prevalent in two townships.
Toungoo ...	4·19	Total rainfall 23·75; no deaths from small-pox in town; public health generally good.
		General Remarks.—A few scattered cases of cholera and a little small-pox in Akyab, otherwise public health good; cattle-disease continues prevalent in some parts of Akyab and Amherst, slight in several other districts; season generally favourable; ploughing backward in Tharrawaddy and Prome for want of rain.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Assam—(June 28th)		
Gauhati ...	4·02	Weather seasonable; fever in the interior and at Barpetta; prospects of crops continue favourable.
Sylhet ...	9·87	Spring paddy reported being cut; transplanting of *bajri* finished; some damage done by flood in lowlying lands; more sun wanted for tea; cholera still reported.
Cachar ...	4·75	Weather very hot, with occasional rains; sowing of *dumahi* and *murali* crops nearly finished; cultivation of *sali* crop commenced; tea doing well; common rice 21 $\frac{5}{16}$ seers per rupee; 7 cases of cholera from Lakhimpur and 1 from Katigora reported.
Dibrugarh ...	4·72	Weather showery; ploughing for *sali dhan* in progress; cattle-disease still reported; public health generally good.
Mysore and Coorg—(June 28th)		
Bangalore ...	·30	Crops in good condition; sowing operations delayed for want of sufficient rain; prospects of public health good; rice 11, *ragi* 26, and horse-gram 29¾ seers per rupee.
Mysore ...	·04	Standing crops in good condition; prospects fair; rice 11½, *ragi* 21, and horse-gram 26¾ seers per rupee.
Mercara ...	2·40	The break in the monsoon is favourable to agricultural operations; rice-fields are being ploughed and sown; the *ragi* crop in the Naujarajapatna taluk is doing well; coffee-berries have formed; public health is good.
		General Remarks.—Little rain has fallen in the Mysore State since last report; prospects are generally favourable and public health good; pasturage sufficient; prices show a slight upward tendency.
Berar & Hyderabad—(June 28th)		
Amráoti ...	Rain much needed	Sowings retarded for want of rain; wheat 18 and *juari* 36 seers per rupee.
Akola ...	.....	Weather warm and sultry; cotton sowing continues.
Hyderabad ...	No rain	Sowing of *kharif* crops postponed on account of break in weather; fever and cattle-disease prevail in one taluk; prices—wheat 14, rice 7½, white *juari* 19¾, yellow *juari* 23, and *tur* 24 seers per current sicca rupee.
Central India States—(June 28th)		
Indore ...	·08	Weather hot and cloudy; sowings have been almost completed; some further rain is desirable; health good and prospects generally favourable.
Morar (Gwalior) ...	1·62	Health good; prices stationary.
Sutna ...	1·03	Sowing commenced; health good.
Rutlam ...	.....	No report received.
Neemuch ...	·35	Weather cloudy and hot; public health good.
Goona ...	1·05	Prospects good; weather cloudy.
Bhopal ...	2·3	Weather cloudy; prospects good.
Agar ...	No rain	Sowing going on; health good.
Nowgong ...	13·61(?)	Health good; cholera in Baoni.
Manpur ...	No rain	*Makka* crop looking well; public health good; wheat has risen to 15 from 17¾ seers per rupee.
Rajputana—		
Abu (June 26th)	1·69	Weather clear, with light clouds and cool breeze.
Sirohi („ 25th)	.....	Tanks dry; wells fair; health good; high winds prevail.
Marwar („ 23rd)	.....	Plenty of water in tanks and wells; health good; clear strong south-west winds prevail, such an abnormal state of weather is to some extent alarming, prices rising rapidly in consequence.
Meywar („ 24th)	.....	Tanks, wells, and health good; sowing operations progressing; weather very suitable for sowing.
Harowti („ 24th)	.....	High west wind, weather clear; ploughing operations retarded owing to break; rain much needed; health indifferent; few cases of cholera at Tonk and Shahpura.
Jhallawar („ 21st)	.....	Weather cloudy and windy; health good.
Ajmere („ 27th)	No rain	Cholera abating in Ajmere; sky cloudy.
Jeypore („ 27th)	0·23	Wind variable; weather cloudy; health good.
Bhurtpore ...	.....	No report received.
Ulwur (June 28th)	.....	Strong south-west wind; rain much wanted for *kharif* sowings; health good.
		General Remarks.—Rain wanted for *kharif* operations.
Nepal—(June 22nd)		
Katmandu ...	2·16	Seasonable weather.

E. C. BUCK,
Secy. to the Govt. of India.

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SUPPLEMENT TO

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№ 27.} CALCUTTA, SATURDAY, JULY 8, 1882.

OFFICIAL PAPERS.

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GOVERNMENT OF INDIA.

HOME DEPARTMENT.

LEVY OF MUNICIPAL TAXES IN CANTONMENTS.

The following revised Order is published for general information:—

[NOTE.—To supersede the Order issued in the Home Department, Nos. 1-38—52, dated the 24th April 1880].

No. 163.

Extract from the Proceedings of the Government of India in the Home Department (Municipalities), under date Simla, the 18th November 1881.

Read—

Section 24 of Act III of 1880 (The Cantonments Act, 1880).

ORDER.

In exercise of the power conferred by section 24 of Act III of 1880 (The Cantonments Act, 1880), the Governor General in Council is pleased to declare that, in any cantonment situated in British India which may have been, or may in future be, brought under the operation of a Municipal Act, the following classes of persons shall, when on duty in such cantonment, be exempted from the operation of taxes of the following kinds:—

Persons exempted.

All persons exclusively in military employ or belonging to any department directly attached to the Army or to the Public Works Department, Military Branch, being persons subject to the Army Discipline and Regulation Act, 1879, or the Indian Articles of War.

Taxes from the operation of which exemption is granted.

(1) Municipal taxes on salaries.
(2) Municipal taxes on professions, trades, callings, offices, or appointments.
(3) Municipal taxes on horses, mules, or ponies kept for military duty.
(4) Municipal tolls leviable on any ferry or road in respect of animals or vehicles kept or used for military duty.

2. In further exercise of the power conferred by the same section, the Governor General in Council is pleased to prohibit the levy, in any cantonment in British India, of any municipal tax whatsoever on public property, such as animals or vehicles.

3. In this Order the expressions "municipal tax," "municipal taxes," and "municipal tolls" include any tax or toll imposed by virtue of the provisions of a Municipal Act under the operation of which any cantonment may have been, or may in future be, brought.

A. MACKENZIE,
Offg. Secy. to the Govt. of India.

SUPPLEMENT TO THE GAZETTE OF INDIA, JULY 8, 1882.

GOVERNMENT OF INDIA.

DEPARTMENT OF FINANCE AND COMMERCE.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT INDIA FOR THE 1st HALF OF JUNE 1882.

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

Provinces.	Districts.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholum, Jowar), *Holcus Sorghum*. Present fortnight.	Great Millet (Cholum, Jowar), *Holcus Sorghum*. Past fortnight.	Great Millet (Cholum, Jowar), *Holcus Sorghum*. Corresponding fortnight of 1881.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata*. Present fortnight.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata*. Past fortnight.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata*. Corresponding fortnight of 1881.	Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Coraloo, Murhwa, Nuglee), *Panicum Miliaceum*, &c. Present fortnight.	Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Coraloo, Murhwa, Nuglee), *Panicum Miliaceum*, &c. Past fortnight.	Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Coraloo, Murhwa, Nuglee), *Panicum Miliaceum*, &c. Corresponding fortnight of 1881.	Gram. Present fortnight.	Gram. Past fortnight.	Gram. Corresponding fortnight of 1881.	Firewood. Present fortnight.	Firewood. Past fortnight.	Firewood. Corresponding fortnight of 1881.	Salt. Wholesale. Present fortnight.	Salt. Wholesale. Past fortnight.	Salt. Wholesale. Corresponding fortnight of 1881.	Salt. Retail. Present fortnight.	Salt. Retail. Past fortnight.	Salt. Retail. Corresponding fortnight of 1881.	Districts.	Provinces.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.		
	Ganjam	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Ganjam	Madras.
	Vizagapatam																																Vizagapatam	
	Godavery																																Godavery	
	Kistna																																Kistna	
	Nellore																																Nellore	
	Cuddapah																																Cuddapah	
	Anantapur																																Anantapur	
	Bellary																																Bellary	
	Kurnool																																Kurnool	
	Madras																																Madras	
	Chingleput																																Chingleput	
	North Arcot																																North Arcot	
	South Arcot																																South Arcot	
	Tanjore																																Tanjore	
	Trichinopoly																																Trichinopoly	
	Madura																																Madura	
	Tinnevelly																																Tinnevelly	
	Coimbatore																																Coimbatore	
	Nilgiris																																Nilgiris	
	Salem																																Salem	
	South Canara																																South Canara	
	Malabar																																Malabar	
	Bombay	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Bombay	Bombay.
	Ahmedabad																																Ahmedabad	
	Kaira																																Kaira	
	Surat																																Surat	
	Broach																																Broach	
	Tanna (Salsette)																																Tanna (Salsette)	
	Colába (Alibág)																																Colába (Alibág)	
	Khandesh (Dhulia)																																Khandesh (Dhulia)	
	Násik																																Násik	
	Ahmednagar																																Ahmednagar	
	Poona																																Poona	
	Sholápur																																Sholápur	
	Kaládgi (Bagalkot)																																Kaládgi (Bagalkot)	
	Satara																																Satara	
	Belgaum																																Belgaum	
	Dharwar (Hubli)																																Dharwar (Hubli)	
	Ratnágiri																																Ratnágiri	
	Kanara (Karwar)																																Kanara (Karwar)	
	Pánch Mahál (Godhra)																																Pánch Mahál (Godhra)	
	Aden																																Aden	
	Asirgarh																																Asirgarh	
	Baroda																																Baroda	
	Diss																																Diss	
	Nimach																																Nimach	
	Nasirabad																																Nasirabad	
	Rájkot																																Rájkot	
	Upper Sindh Frontier	14 0	15 0	11 13½	26 0	26 0	17 13½	11 4	11 4	8 14	22 12	22 12	12 8½	33 8	33 0	21 5	...	...	16 15	30 0	40 0	...	22 4	22 0	17 4½	160 0	160 0	160 0	§12 4½	§12 4½	§10 10½	§12 4	§12 4	§10 0	Upper Sindh Frontier	Bombay.
	Karachi	12 2	12 2	12 5	21 0	21 0	22 0	9 8	10 0	9 0	15 0	15 0	12 0	22 0	23 0	20 0	18 8	18 8	19 6	13 0	13 0	9 8	15 0	17 0	20 0	105 0	105 0	103 0	17 13	17 13	14 8	17 0	17 0	14 0	Karachi	
	Haidarabad (Nakur)	16 0	17 0	13 0	25 0	20 0	20 0	12 0	12 0	10 0	20 0	20 0	14 0	26 0	26 0	20 0	25 0	25 0	20 0	...	...	...	16 0	16 0	11 0	480 0	480 0	320 0	14 0	14 0	10 0	14 0	14 0	10 0	Haidarabad (Nakur)	
	Shikarpur	18 10½	13 5	12 12	26 5	26 9	20 0	12 12½	12 4	10 0	18 0	16 0	18 0	26 5	26 10	18 11	29 5	28 10	18 12	...	...	...	19 7	19 1	20 0	280 0	285 0	240 0	13 2	13 2	11 2	13 0	13 0	11 0	Shikarpur	
	Thar and Parkar (Umarkot)	17 8	17 9	16 8	...	...	...	...	...	...	14 4	14 0	10 5	...	...	...	19 5	19 0	16 0	...	...	...	...	...	...	160 0	160 0	160 0	10 11	10 11	9 10	10 11	10 11	9 10	Thar and Parkar (Umarkot)	
	Western Districts.																												Prices per md. of 40 seers.						*Western Districts.*	
																													Rs. A. P.	Rs. A. P.	Rs. A. P.					
	Burdwan	14 0[a]	13 12	14 8	21 0	21 0	30 0	25 8	27 0	28 8	28 4	31 4	30 0	...	...	...	...	...	...	...	...	...	24 0	24 0	24 0	120 0	120 0	80 0	2 12 0	2 12 0	...	13 12	13 12	10 0	Burdwan	Bengal.
	Bancoorah	18 8[b]	13 8	16 0	18 0	14 0	19 0	25 0	25 0	24 8	35 0	40 0	30 0	...	...	...	...	...	...	...	...	...	20 0	21 0	20 0	320 0	320 0	320 0	3 2 0	3 2 0	...	13 0	13 0	9 0	Bancoorah	
	Beerbhoom	14 0[c]	15 0	18 0	...	...	...	22 4	23 0	22 0	32 0	31 0	27 0	...	...	...	...	...	...	...	...	...	24 0	25 0	26 0	180 0	200 0	180 0	3 3 6	3 3 6	...	12 0	12 0	9 0	Beerbhoom	
	Midnapore	16 0[d]	16 0	15 0	...	...	...	22 0	23 0	27 0	30 0	33 0	33 0	...	...	...	...	...	...	...	...	...	20 0	20 0	18 0	160 0	160 0	160 0	3 0 0	3 0 0	...	13 8	13 8	9 0	Midnapore	
	Hooghly	18 0[e]	18 0	15 0	...	...	...	10 0	10 0	10 0	20 0	20 0	20 0	...	...	...	...	...	...	...	...	...	21 0	21 0	21 0	120 0	120 0	120 0	2 14 0	2 14 0	...	13 9	13 0	9 0	Hooghly	
	Howrah	18 4	18 4	15 8	...	...	...	16 4	16 8	16 0	20 0	21 0	22 8	...	...	...	...	...	...	...	...	...	21 0	22 8	21 8	80 0	80 0	80 0	2 14 0	2 14 0	4 0 0	13 0	13 0	...	Howrah	

[a] In the sub-divisions retail prices of salt are as follow :—Culna 15 seers, Cutwa 12-10 seers, and Ranegunge 13-8 seers.
[b] Retail price of salt at Bancoorah, 12-8 seers, at Onda 16 seers, and at Mejia, Bishenpore, Sonamukhi and Kotulpore 18 seers.
[c] In the interior retail prices of salt range from 10 to 13-6 seers.
[d] In the sub-divisions retail prices of salt are as follow :—Contai 12 seers, Tumlook 14 seers, and Ghatal 15 seers.
[e] In the sub-divisions retail prices of salt are as follow :—Serampore 13 seers and Jehanabad 13-8 seers.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT INDIA FOR THE 1st HALF OF JUNE 1882—*continued.*

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

Districts.	Wheat.			Barley.			Rice (best sort).			Rice (common).			Great Millet (Cholum, Jowar), *Holcus Sorghum.*			Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.*			Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Coraloo, Murhwa, Nagiee), *Panicum Miliaceum, &c.*			Gram.			Firewood.			Salt.						Districts.
	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Wholesale prices per maund of 40 seers. Present fortnight.	Wholesale prices per maund of 40 seers. Past fortnight.	Wholesale prices per maund of 40 seers. Corresponding fortnight of 1881.	Retail. Present fortnight.	Retail. Past fortnight.	Retail. Corresponding fortnight of 1881.	
	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. A. P.	Rs. A. P.	Rs. A. P.	S. Ch.	S. Ch.	S. Ch.	
Central Districts.																																		***Central Districts.***
Calcutta	13 5	14 9	17 12	26 8	26 10	35 8	10 0	10 0	7 4	20 0	20 0	16 0	23 2	29 0	26 10	...	...	...	...	...	...	23 0	22 14	25 9	90 0	90 0	90 0	2 10 0	2 10 0	...	13 8	13 8	10 0	Calcutta
24-Pergunnahs	13 5*e*1	12 4	15 0	20 3	20 4	26 10	10 8	10 8	10 0	17 0	17 8	17 4	19 0	16 0	...	...	...	...	...	...	...	20 0	20 0	23 0	80 0	90 0	90 0	3 0 0	2 12 0	...	13 5	14 8	9 8	24-Pergunnahs
Nuddea	15 4*f*	15 4	16 13	26 0	29 0	35 8	18 13	18 13	17 4	21 5¼	21 5¼	22 14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2 13 0	2 14 1	...	12 13½	12 13½	9 11	Nuddea
Jessore	16 0*g*	16 0	17 0	...	...	...	18 12	20 0	20 0	29 0	27 0	28 8	...	...	...	...	...	...	...	...	...	18 0	22 0	20 0	120 0	110 0	110 0	3 2 0	3 2 0	...	11 8	11 8	8 0	Jessore
Moorshedabad	16 0*h*	18 0	22 0	...	...	...	18 0	17 0	19 0	24 0	24 0	26 0	...	...	...	...	...	...	...	...	...	26 0	32 0	32 0	120 0	120 0	120 0	3 0 0	3 5 0	...	12 8	10 8 to 10 0	9 0	Moorshedabad
Dinagepore	10 8*i*	13 0	15 0	16 0	16 0	26 8	22 0	24 0	24 0	25 4	28 0	33 8	...	...	...	...	...	...	...	...	...	17 4	17 0	17 8	160 0	160 0	160 0	3 4 0	3 4 0	...	12 0	12 0	8 8	Dinagepore
Rajshahye	16 8*j*	15 0 to 17 4	22 8	48 12	48 12	45 0	18 0 to 18 12	18 12 to 20 0	21 0	21 0 to 24 0	21 9 to 24 6	26 4 to 28 2	...	...	...	...	...	...	...	...	...	24 0	22 8 to 24 6	26 4	240 0	240 0	240 0	3 5 3	3 5 3	...	12 0	12 0	9 3	Rajshahye
Rungpore	15 0*k*	15 0	18 0	...	...	...	16 0	16 0	15 0	22 8	22 8	22 8	...	...	...	...	...	...	...	...	...	15 0	15 0	12 0	135 0	135 0	120 0	3 5 3	3 5 0	...	11 8	11 8	8 12	Rungpore
Bogra	15 12	15 12	18 6	...	...	...	18 0	15 12	24 0	28 2	28 2	35 10	...	...	...	...	...	...	...	...	...	15 12	15 0	15 0	67 8	67 8	67 8	3 5 4	3 4 0	...	10 8	12 0	8 10	Bogra
Pubna	18 0*l*	20 0	22 8	...	...	...	10 0	10 0	12 0	23 4	26 4	33 0	...	...	...	...	...	...	...	...	...	20 0	21 4	20 0	200 0	200 0	200 0	3 0 0	3 0 0	...	12 0	12 0	9 6	Pubna
Darjeeling	8 0	8 0	8 0	8 0	8 0	8 0	5 0	6 0	5 0	13 0	14 0	12 0	...	...	...	...	...	...	8 0	8 0	9 0	8 0	10 0	8 0	160 0	160 0	160 0	4 8 0	4 8 0	...	8 0	8 0	5 0	Darjeeling
Jalpaiguri	9 0*m*	9 0	10 0	20 0	20 0	...	16 0	16 0	16 0	24 0	24 0	22 8	...	...	...	...	...	...	...	...	...	16 0	16 0	13 5	128 0	128 0	64 0	3 4 0	3 4 0	...	11 0	11 0	8 0	Jalpaiguri
Eastern Districts.																																		***Eastern Districts.***
Dacca	15 4*n*	16 0	16 12	40 0	40 0	40 0	20 10	25 0	22 10	26 6	32 0	29 12	...	...	...	...	...	...	...	...	...	22 10	25 0	21 0	91 4	91 4	106 0	2 15 0	2 15 0	4 1 3	13 5	13 5	10 0	Dacca
Furreedpore	21 0*o*	22 0	20 0	35 0	37 0	30 0	22 0	21 0	7 0	23 0	23 0	30 0	...	...	...	...	...	...	...	...	...	...	12 0	12 0	...	...	...	...	...	...	...	...	...	Furreedpore
Backergunge	... *p*	...	...	...	...	...	22 0	22 0	22 0	26 0	26 0	26 0	...	...	...	...	...	...	...	...	...	20 0	21 0	19 8	100 0	100 0	140 0	3 0 0	3 1 3	...	12 0	12 0	10 0	Backergunge
Mymensingh	11 8*q*	11 8	11 8	...	...	...	22 8	22 8	24 0	29 0	30 0	28 0	...	...	...	...	...	...	...	...	...	17 0	16 0	18 8	...	...	...	3 11 0	3 11 0	...	10 9	10 9	8 8	Mymensingh
Tipperah	13 4*r*	13 0	14 0	...	...	...	22 8	22 0	24 0	28 0	29 0	37 0	...	...	...	...	...	...	...	...	...	18 0	18 8	18 0	...	...	...	3 2 0	3 2 0	...	12 8	12 12	9 0	Tipperah
Chittagong	9 0*s*	9 0	12 4	...	...	...	18 0	13 4	20 0	22 8	22 8	32 0	...	...	...	...	...	...	...	...	...	16 0	16 0	16 0	80 0	80 0	80 0	3 2 0	3 2 0	...	12 12	12 12	9 8	Chittagong
Noakholly	... *s1*	...	...	...	...	...	27 0	27 0	26 0	31 0	31 0	30 0	...	...	...	...	...	...	...	...	...	15 0	15 0	16 0	...	...	...	3 0 0	2 11 0	...	12 0	13 0	6 8	Noakholly
Chittagong Hill Tracts	...	...	...	...	...	...	16 0	14 8	16 0	17 12	17 12	17 3	...	...	...	...	...	...	...	...	...	...	...	...	320 0	320 0	320 0	3 4 0	3 8 0	...	10 0	10 0	8 0	Chittagong Hill Tracts
Hill Tipperah	10 0	10 0	12 0	...	...	...	24 0	26 0	32 0	34 0	34 0	40 0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3 8 0	3 8 0	...	10 0	10 0	8 0	Hill Tipperah
Behar.																																		***Behar.***
Patna	6 8	18 0	22 0	34 0	40 0	40 0	11 8	12 0	15 0	21 8	21 0	22 0	...	...	...	...	...	...	...	...	...	30 0	34 0	35 0	180 0	180 0	120 0	3 2 0	3 3 0	...	10 9	10 8	...	Patna
Gya	17 8	18 0	21 0	29 0	27 0	39 0	12 0	12 0	13 0	20 8	21 0	20 8	...	...	...	...	...	...	...	...	...	28 0	28 0	32 0	180 0	160 0	180 0	3 4 0	3 4 0	...	11 8	12 0	9 0	Gya
Shahabad	15 0*t* to 17 0	17 0 to 19 0	21 0 to 22 0	30 0	30 0	35 0	20 0 to 21 0	20 0 to 21 0	21 0	22 0	22 0	23 0	...	...	...	...	...	...	...	...	...	32 0	32 0	33 0	120 0	120 0	140 0	3 1 0	3 2 0	...	12 8	12 0	9 8	Shahabad
Durbhunga	15 0*u*	18 0	24 0	35 0	35 0	52 0	14 0	14 0	18 8	16 0	17 0	24 8	35 0	35 0	38 0	27 8	27 0	30 0	160 0	160 0	160 0	28 0	29 0	31 0	140 0	140 0	140 0	3 4 6	3 8 0	...	11 0	11 14	9 0	Durbhunga
Mozufferpore	17 0*v*	18 0	24 0	30 0	30 0	40 0	12 0	12 0	11 0	17 0	17 0	21 0	...	...	...	28 0	29 0	31 0	140 0	140 0	140 0	32 0	32 0	31 0	160 0	160 0	160 0	3 2 0	3 4 0	...	12 8	12 0	8 8	Mozufferpore
Sarun	16 0	16 8	19 0	32 0	32 0	40 0	10 0	10 0	10 8	22 0	22 0	22 0	...	...	...	30 0	28 0	36 0	...	...	...	...	...	...	...	...	...	3 8 0	3 7 0	...	11 0	11 0	8 0	Chumparun
Chumparun	10 0*w*	18 0	22 0	38 0	40 0	45 0	12 0	12 0	11 0	17 0	17 0	21 0	...	...	...	36 12	35 10	36 12	147 0	126 0	126 0	36 12	35 10	36 12	147 0	126 0	126 0	3 1 0	3 1 0	...	12 14	12 14	8 6	Monghyr
Monghyr	16 12*w1*	18 14	22 0	31 8	31 8	42 0	15 11	16 12	14 11	18 15	19 15	19 15	...	...	...	29 0	31 3	23 12	138 14	138 5	126 4	29 0	31 3	23 12	138 14	138 5	126 4	2 10 0	2 15 0	...	12 10	12 10	9 6	Bhágalpur
Bhágalpur	15 2*x*	15 2	17 11	34 0	25 5	44 7	18 5	20 3	17 11	22 12	22 11	20 3	...	...	...	...	...	...	...	...	...	23 0	24 0	21 0	160 0	160 0	120 0	...	...	...	10 0	10 0	8 0	Purneah
Purneah	16 0*y*	18 0	24 0	...	...	...	22 0	22 0	24 0	26 0	23 0	30 0	...	...	...	...	...	...	...	...	...	26 0	28 0	25 0	120 0	120 0	120 0	3 0 0	3 0 0	...	13 0	12 0	9 0	Maldah
Maldah	16 0	17 8	22 0	...	...	...	18 0	17 0	16 0	22 0	23 0	26 0	...	...	...	...	...	...	...	...	...	...	22 0	22 0	200 0	200 0	200 0	...	...	...	10 8	10 0	8 0	Southal Pergunnahs
Southal Pergunnahs	13 0*z*	14 0	15 0	...	...	...	20 0	22 0	25 0	25 0	27 0	27 8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Orissa.																																		***Orissa.***
Cuttack	13 2	14 7	23 10	...	...	...	15 12	15 12	19 11	26 4	26 4	22 5	14 7	15 12	18 6	22 5	22 5	22 5	160 0	160 0	160 0	14 7	15 12	18 6	22 5	22 5	22 5	160 0	160 0	160 0	3 0 0	3 0 0	3 8 0	Cuttack
Pooree	12 8	13 0	18 6	...	...	...	22 0	21 0	21 0	25 0	25 0	27 0	...	...	...	14 0	14 0	19 0	102 0	100 0	100 0	3 2 0	3 2 0	4 6 0	13 0	13 0	11 0	Pooree
Balasore	16 0	16 0	16 0	...	...	...	26 0	26 0	32 0	32 0	32 0	40 0	...	...	...	16 0	16 0	18 5	160 0	160 0	160 0	3 2 0	3 2 0	4 6 0	13 0	13 0	9 4	Balasore
Chota Nagpore—South-Western Frontier Agency.																																		***Chota Nagpore—South-Western Frontier Agency.***
Hazaribagh	16 0*z1*	16 0	20 8	24 0	24 0	30 0	11 0	12 0	12 0	21 0	21 0	22 0	42 0	35 0	45 0	20 0	21 0	24 0	240 0	240 0	200 0	3 11 3	3 7 3	...	10 0	11 0	7 8	Hazaribágh
Lohardugga	18 0	19 0	20 0	28 0	30 0	30 0	22 0	23 0	22 0	26 0	27 0	25 0	38 0	38 0	44 0	20 0	20 0	20 0	180 0	140 0	140 0	4 0 0	4 0 0	...	9 0	9 0	7 8	Lohardugga
Singbhoom	22 0	22 0	24 0	32 0	32 0	40 0	36 0	36 0	32 0	40 0	40 0	36 0	...	...	...	24 0	24 0	24 0	180 0	180 0	160 0	4 7 0	4 7 0	...	8 0	8 0	7 0	Singbhoom
Manbhoom	13 0*z2*	13 0	18 0	...	...	40 0	19 0	18 0	21 0	34 0	33 0	31 0	...	...	45 0	...	...	64 0	17 0	18 0	20 0	140 0	140 0	140 0	3 8 0	3 10 0	...	11 0	11 0	8 8	Manbhoom

a In the sub-divisions retail prices of salt are as follow:—Farasat 14 seers, Bussirhat 13 seers, Diamond Harbour 10-8 seers, Barripore 10 seers, Barrackpore 12-12 seers, and Dumdum 12 seers.
b In the sub-divisions retail prices of salt are as follow:—Kooshtea 13 seers, Chooadanga 12 seers, Meherpore 12 seers, Ranaghat 14-8 seers, and Bongong 13-5 seers.
c In the sub-divisions retail price of salt is 12 seers.
d In the sub-divisions retail prices of salt are as follow:—Lalbagh 10 seers, Jungypore 11-6 seers, and Kandi 11-8 seers.
e Retail price of salt at Raigange 10-8 seers and at Nitpore 10 seers.
f In Nuseere retail price of salt is 12 seers.
g In the sub-divisions retail price of salt is 12 seers.
h Jeangunge retail price of salt is 12-8 seers.
i Retail price of salt at Fallacotta in Alipore sub-division is 12 seers.
j In the sub-divisions retail prices of salt are as follow:—Manickgunge 12 seers, Moonsheegunge 10-10½ seers, Naraingunge 13-8 seers.
k In the sub-divisions retail prices of salt are as follow:—Goalundo 13 seers, Madaripore 13 seers, Bhanga 15 seers, and Gopalgunge 12 seers.
l Retail price of salt at Kishoregunge 13-5 seers, Attea 12 seers, Jamalpore 11 seers, and Netrokona 12-5 seers.
m Retail price of salt in the sub-divisions 13 seers.
n Retail price of salt at Kumeriah 9 seers and Cox's Bazar 10 seers.
o1 In the interior retail prices of salt range from 8 to 10-12 seers.
p In the sub-divisions retail prices of salt are as follow:—Buxar 11-8 seers, Bhabooah 10-8 seers, and Sasseram 11-8 seers.
q In Tajpore retail price of salt is 11-8 seers.
r In the interior retail prices of salt range from 8 to 12-12 seers.
s In the interior retail prices of salt range from 10 to 12-8 seers.
t1 In the sub-divisions retail prices of salt are as follow:—Begu Serai 12-5 seers, and Jamui 12-8 seers.
u In the sub-divisions retail prices of salt are as follow:—Banka 11 seers, Mudehpoora 10-8 seers, and Soopole 11 seers.
v In the sub-divisions retail prices of salt are as follow:—Kishengunge 10 seers, and Arrareah (Kanigunge) 9 seers.
w Retail price of salt in Godda 10 seers.
w1 Retail price of salt in Kharagdiha 12 seers.
x1 Retail price of salt at Burrabazar 13 seers, Roghunathpur 12 seers, Jhalda 11 seers, and Govindpore 11-12 seers.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT INDIA FOR THE 1st HALF OF JUNE 1882—*continued.*

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

Provinces.	Districts.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholum, Jowar), *Holcus Sorghum.* Present fortnight.	Great Millet (Cholum, Jowar), *Holcus Sorghum.* Past fortnight.	Great Millet (Cholum, Jowar), *Holcus Sorghum.* Corresponding fortnight of 1881.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.* Present fortnight.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.* Past fortnight.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.* Corresponding fortnight of 1881.	Lesser Millets, Ragi, &c. (Kavaru, Varagu, Sawee, Cheena, Coraloo, Murhwa, Nuglee), *Panicum Miliaceum, &c.* Present fortnight.	Lesser Millets, Ragi, &c. (Kavaru, Varagu, Sawee, Cheena, Coraloo, Murhwa, Nuglee), *Panicum Miliaceum, &c.* Past fortnight.	Lesser Millets, Ragi, &c. (Kavaru, Varagu, Sawee, Cheena, Coraloo, Murhwa, Nuglee), *Panicum Miliaceum, &c.* Corresponding fortnight of 1881.	Gram. Present fortnight.	Gram. Past fortnight.	Gram. Corresponding fortnight of 1881.	Firewood. Present fortnight.	Firewood. Past fortnight.	Firewood. Corresponding fortnight of 1881.	Salt. Wholesale. Present fortnight.	Salt. Wholesale. Past fortnight.	Salt. Wholesale. Corresponding fortnight of 1881.	Salt. Retail. Present fortnight.	Salt. Retail. Past fortnight.	Salt. Retail. Corresponding fortnight of 1881.	Districts.	Provinces.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. A. per maund.	Rs. A.	Rs. A.	S. Ch.	S. Ch.	S. Ch.		
	Sylhet	11 12	13 0	13 0	...	...	...	17 0	17 0	16 0	35 0	35 0	24 8	...	...	...	...	...	...	...	...	...	3 6	...	...	11 12	11 0	8 4	Sylhet	
	Cachar	9 2	10 10	11 13	16 0	12 13	20 0	21 5	16 0	20 0	25 10	21 5	22 12	...	...	...	...	...	...	13 5	16 0	16 0	3 7	...	...	9 2	10 10	8 10	Cachar	
	Goálpárá	26 11	26 11	26 11	...	...	...	5 0	5 0	5 0	18 0	18 0	18 0	...	...	...	...	...	...	13 0	12 0	13 0	3 8	...	...	10 2	10 2	8 0	Goálpárá	
	Gáro Hills	4 0	4 0	4 0	...	...	...	11 0	13 0	18 0	18 0	18 0	22 0	...	...	...	...	...	...	8 0	8 0	8 0	5 6	...	...	6 6	6 6	5 5	Gáro Hills	
	Kámrúp	19 0	20 0	14 0	...	...	...	10 0	10 0	8 0	16 0	16 0	16 0	...	...	...	...	...	...	13 0	12 0	13 0	3 4	...	...	11 0	11 8	8 0	Kámrúp	
	Darrang	...	...	...	...	...	...	13 8	13 8	10 0	16 0	16 0	16 0	...	...	...	...	...	...	8 9	8 12	7 9	4 8	...	...	8 0	8 0	6 0	Darrang	
	Nowgong	...	...	...	...	...	...	6 8	6 8	8 0	16 0	18 0	12 0	...	...	...	...	...	...	8 0	8 0	8 0	4 12	...	...	8 0	8 0	8 0	Nowgong	
	Sibságar	...	...	...	...	...	...	7 0	7 0	8 0	16 0	16 0	16 0	...	...	...	...	...	...	10 0	10 0	8 0	4 8	...	...	8 8	8 8	6 8	Sibságar	
	Lakhimpur	8 0	8 0	8 0	10 0	10 0	...	10 0	9 0	9 0	11 0	10 0	10 0	...	...	...	...	...	...	12 0	11 0	12 0	5 0	...	...	8 0	8 0	6 0	Lakhimpur	
	Khásí & Jaintiá Hills	...	...	8 0	...	...	...	10 0	9 0	4 0	8 0	8 0	...	...	...	...	...	...	...	10 0	10 0	...	5 0	...	...	8 0	7 4	5 5	Khásí & Jaintiá Hills	
	Nága Hills	...	...	...	...	...	...	5 0	5 0	4 0	8 0	8 0	...	...	...	...	...	...	...	2 0	2 0	3 0	13 0	...	...	3 0	2 11	2 8	Nága Hills	
	Dehra Dún	19 0	19 0	18 0	30 0	31 0	28 0	11 0	11 0	11 0	12 8	12 8	12 8	22 0	24 0	14 0	20 0	20 0	16 0	20 8	22 8	18 0	11 8	11 8	10 8	10 8	10 8	9 8	Dehra Dún	
	Saháranpur	20 7	20 15½	19 14½	29 1	30 2	28 0	9 11	10 12	8 1	12 14	12 14	11 14	25 13	25 13	19 6	23 10	26 13	19 6	24 1	25 3	20 8	12 6	12 6	10 3	12 1	12 1	9 11	Saháranpur	
	Muzaffarnagar	18 11	19 0	21 8	28 11	30 12	33 0	6 9	6 9	6 9	14 5	14 5	12 10	26 6	26 6	23 2	22 0	22 0	19 12	23 10	24 6	22 0	12 8	12 6	10 0	11 4	12 2	...	Muzaffarnagar	
	Meerut	18 0	18 0	21 12	24 0	25 0	30 0	6 0	6 0	5 8	16 0	16 0	13 0	25 0	25 0	18 0	21 0	22 0	18 0	21 0	22 8	21 8	12 0	11 8	10 0	11 8	11 0	9 8	Meerut	
	Bulandshahr	18 14	18 4	21 6	23 0	22 8	28 8	6 0	6 0	6 0	10 15	10 10	10 12	23 0	24 0	22 0	20 0	21 0	20 0	21 0	22 0	22 0	11 8	11 0	10 0	...	...	...	Bulandshahr	
	Aligarh	17 8	18 8	19 0	22 8	22 8	24 8	6 0	6 0	6 0	15 8	15 8	15 0	24 8	24 0	19 8	19 0	20 0	18 8	22 0	22 0	21 0	12 8	12 4	...	12 0	12 0	11 4	Aligarh	
	Kumaun	17 0	15 0	14 0	18 0	20 0	16 0	10 0	10 0	8 0	13 0	13 0	11 0	...	...	...	...	...	...	12 0	13 0	12 8	7 0	7 0	7 0	6 0	6 0	6 0	Kumaun	
	Garhwál	23 8	22 0	20 0	25 0	28 0	20 0	9 0	10 0	8 0	15 0	16 0	11 8	...	...	...	...	...	...	9 0	10 0	8 0	7 8	7 8	7 8	7 0	7 0	7 0	Garhwál	
	Bijnor	17 2	17 2	20 8	26 7	25 5	28 2	11 4	11 4	11 4	12 10	12 15	13 8	22 8	24 12	18 0	19 2	20 4	16 14	19 10	20 4	21 15	11 4	...	...	11 4	11 4	9 2	Bijnor	
	Moradabad	18 7	18 11	21 4	24 6	25 10	29 6	9 6	9 6	7 13	14 6	14 6	13 2	23 12	25 10	22 8	19 6	19 6	...	21 4	20 10	20 0	12 7	12 7	...	12 3	12 3	10 10	Moradabad	
	Budaun	17 11	17 9½	21 0	21 14	21 9½	31 3	9 9½	9 9½	6 0	15 9½	15 2	15 9½	...	...	...	...	...	...	19 8	19 3	24 9	10 8	10 3	...	10 0	10 12½	...	Budaun	
	Bareilly	17 3	17 8	18 12	25 0	25 0	28 12	8 2	8 2	7 8	15 0	15 0	13 12	22 8	22 8	25 0	20 0	16 14	23 2	20 0	20 0	20 0	13 0	11 8	10 0	12 0	11 0	9 6	Shahjahánpur	
	Shahjahánpur	18 4	19 4	22 2	23 8	26 0	29 12	9 4	9 4	7 8	16 8	16 8	14 4	...	...	...	...	...	...	20 12	21 8	21 0	11 4	10 4	9 4	11 0	10 0	9 0	Tarái Pergunnahs	
	Tarái Pergunnahs	20 0	20 0	23 0	30 0	31 4	35 0	7 8	10 0	8 12	13 0	13 12	14 0	...	...	...	...	...	...	17 8	18 0	19 0	11 4	10 4	9 4	11 0	11 0	9 0	Jalaun	
	Muttra	17 0	16 12	18 12	21 8	21 8	23 8	...	...	7 8	15 0	15 0	13 8	22 0	23 0	20 0	18 0	18 0	18 0	21 8	21 0	20 8	12 5	12 0	...	12 0	11 0	10 0	Muttra	
	Agra	16 12	17 0	18 0	20 8	21 8	23 0	6 8	6 8	6 0	14 0	14 0	13 8	22 0	22 0	22 0	20 0	20 0	21 8	21 0	21 0	20 8	12 8	13 0	11 0	12 0	12 8	10 8	Agra	
	Farukhabad	16 13	17 12	19 14½	21 0	23 1	27 0	8 3	8 3	6 4	14 0¼	14 6½	14 5	21 6	23 8½	13 4½	20 13	...	13 10	20 8½	21 6	31 5	15 6 8	15 6 8	12 10	11 8	11 14½	...	Farukhabad	
	Mainpuri	17 12	18 0	18 12	21 8	21 0	23 0	5 0	5 0	4 0	11 0	11 0	12 0	...	...	...	...	...	...	20 0	20 0	19 0	10 0	10 0	10 8	10 8	11 0	9 0	Mainpuri	
	Etáwah	17 0	17 8	18 0	23 0	22 8	23 0	6 0	6 0	6 0	14 8	14 8	14 8	16 0	22 8	23 0	16 0	20 0	23 0	22 0	23 0	21 0	12 0	12 0	10 8	10 0	10 0	9 8	Etáwah	
	Etah	20 0	18 8	20 0	22 8	23 8	26 0	8 0	6 8	10 0	13 0	13 8	12 0	...	...	...	18 0	...	...	19 0	20 0	20 0	12 8	...	11 0	11 0	11 0	11 8	Etah		
	Jalaun	19 0	19 0	21 0	20 0	20 0	24 0	10 0	10 0	8 0	13 0	13 0	12 0	28 0	30 0	24 0	24 0	25 0	24 0	27 0	29 0	24 0	12 0	12 0	...	11 0	11 0	10 0	Jalaun	
	Jhánsi	21 4	21 14½	22 4	33 5	33 10	31 0	8 8	8 8	7 8	15 0	15 0	13 0	29 3½	29 0	26 0	...	...	...	28 3½	29 5	26 12	12 0	12 12	9 0	12 0	11 12	8 8	Jhánsi	
	Lalitpur	22 8	24 8	26 4	34 0	39 0	35 0	10 0	10 0	9 0	13 0	13 0	11 0	32 0	35 0	34 0	27 0	30 0	23 0	32 0	34 0	34 0	12 0	12 0	...	11 8	11 8	9 0	Lalitpur	
	Cawnpore	17 12	18 4	21 0	25 8	26 8	26 0	10 8	11 0	8 15	16 0	16 0	15 8	26 0	28 0	25 0	24 8	26 0	26 8	24 8	24 4	24 0	12 8	12 8	...	12 8	12 4	10 8	Cawnpore	
	Fatehpur	16 10	16 10	17 12	22 4	22 0	21 8	11 12	10 12	10 10	17 0	17 0	13 8	...	...	...	...	...	...	22 8	21 12	22 0	9 10	9 10	...	9 6	9 4	7 4	Fatehpur	
	Bánda	18 0	19 0	17 8	25 0	23 0	22 8	9 0	9 0	10 0	14 8	15 0	14 8	32 0	32 0	24 0	...	33 0	22 0	29 0	29 0	22 8	11 12	12 8	...	11 4	12 0	10 4	Bánda	
	Allahabad	17 2	18 0	17 12	25 0	25 8	23 12	11 8	13 0	11 0	17 8	18 0	16 0	30 0	30 8	25 8	28 4	29 0	24 8	24 12	26 4	23 14	14 0	14 0	12 0	10 6	11 0	...	Allahabad	
	Hamírpur	16 0	18 0	16 10	22 10	21 4	20 5	13 12	11 0	11 8	...	...	15 0	25 0	25 0	20 4	...	...	21 15	26 0	25 0	19 11	14 0	14 0	12 0	9 12	10 10	9 0	Hamírpur	
	Jaunpur	19 1	19 12	21 14	28 4	31 12	29 10	8 7	8 7	7 12	16 14	14 2	15 8	...	...	...	22 9	22 9	19 12	25 6	25 6	26 2	14 0	14 0	12 0	9 9	9 9	8 15	Jaunpur	
	Gorakhpur	18 13	19 13	22 8	32 6½	36 0	46 12½	14 6½	16 3	15 3	18 13	21 4	21 9½	...	...	...	...	...	...	29 10	33 3	37 14½	16 0	16 0	14 0	9 6	9 9½	8 6½	Gorakhpur	
	Basti	18 8	21 8	24 12	36 0	42 0	44 0	15 0	16 8	17 8	16 0	17 0	21 4	...	...	...	...	...	...	28 0	31 0	31 0	14 0	14 0	12 0	8 0	8 0	6 8	Basti	
	Azamgarh	19 8	20 10	20 10	28 0	32 14	31 0	8 14	8 14	8 2	17 11	18 7	17 0	...	...	...	...	...	...	24 6	25 1	28 0	14 0	14 0	12 0	8 8	8 8	8 2	Azamgarh	
	Mirzapur	16 0	17 8	18 0	26 0	26 0	27 0	10 0	10 0	10 0	18 0	18 0	19 0	28 0	28 0	30 0	26 0	26 0	28 0	24 0	25 0	22 0	12 0	12 0	10 0	8 0	8 0	8 0	Mirzapur	
	Benares	16 13	16 13	17 14	24 15	26 13	26 9	12 7	12 3	13 9	18 15½	18 11½	20 0	28 11½	28 11½	29 4	27 10	27 10	30 5	24 1	24 6	25 8	12 0	12 0	10 0	9 12	9 9	9 4	Benares	
	Gházipur	19 5	19 5	21 14	28 5	28 5	32 13	10 15½	10 15½	10 5	20 15½	20 15½	18 0	33 7¼	36 1	38 10	25 13	27 0½	29 10	28 15¼	29 10	29 10	10 3	10 0	9 6	9 6	9 6	9 6	Gházipur		
	Balia	17 0	17 8	22 8	28 12	28 12	40 0	10 0	10 0	17 8	15 0	22 8	...	...	...	...	...	...	...	28 12	29 0	33 12	10 0	10 0	12 0	10 4	9 6	9 6	Balia	
	Pilibhít	18 12	20 13	22 4	28 10	30 0	33 12	14 12	15 0	15 8	16 12	17 8	17 8	...	...	...	...	...	...	18 8	18 10	20 8	15 0	15 0	12 0	11 12	11 4	10 0	Pilibhít	
	Lucknow	16 9½	17 15	20 8	23 6	27 2	28 0	6 0	6 0	6 0	14 5	14 10½	14 0	26 6½	27 3	27 0	23 10	24 12	23 0	20 9½	21 15	21 10	12 0	12 0	14 0	10 0	9 8	9 8	9 8	9 0	9 0	Lucknow	
	Unáo	19 0	18 0	20 0	26 0	24 0	24 0	11 0	10 0	7 0	16 0	15 0	13 0	...	...	28 0	...	...	23 0	23 0	22 0	19 8	16 0	16 0	14 0	...	...	...	11 0	10 0	9 0	Unáo	
	Bára Banki	18 0	18 4	21 0	25 0	26 0	30 0	10 0	10 0	8 0	17 0	18 0	14 0	28 0	32 0	32 0	20 0	26 0	18 0	23 0	23 0	23 0	13 0	12 0	12 0	11 0	11 8	9 8	9 0	8 0	9 0	Bára Banki	
	Sitapur	18 14	20 10	25 5	25 2	30 8	33 0	8 0	8 0	8 8	15 12	19 0	15 0	20 0	21 5½	...	19 0	20 5½	22 6	19 8	22 8	23 5	16 0	16 0	14 0	11 0	11 8	...	10 8	10 8	9 0	Sitapur	
	Hardui	15 15	17 13	20 5	22 4	25 5	33 12	7 8	8 7	5 10	12 3	13 2	13 2	...	21 9	...	...	22 8	...	17 18	18 12	28 7	24 0	24 0	24 0	9 6	8 7	8 7	7 8	7 8	8 8	Hardui	
	Kheri	18 0	21 4	23 8	27 0	30 0	34 0	7 0	7 0	9 0	15 0	15 0	14 0	25 0	34 0	...	...	...	...	18 8	19 8	24 0	20 0	20 0	16 0	10 8	9 0	8 8	10 0	9 0	10 0	Kheri	
	Fyzabad	16 12	17 14	20 0	23 8	29 8	29 0	11 8	11 8	10 8	17 8	17 12	14 4	30 0	34 8	...	...	...	...	23 0	24 12	24 8	12 0	12 0	10 0	8 8	10 0	9 0	Fyzabad	
	Bharaich	17 0	18 0	24 0	38 0	37 0	38 0	9 0	9 0	8 0	18 0	18 0	17 0	33 0	33 0	45 0	13 0	14 0	18 0	27 0	27 0	26 0	14 0	13 0	11 0	9 0	9 0	8 4	Bharaich	
	Gonda	19 4	21 0	23 8	36 12	37 0	38 0	16 0	16 8	18 0	18 0	18 12	19 0	38 0	40 0	39 8	24 8	25 0	24 0	25 12	30 8	26 8	14 0	14 0	12 0	10 12	11 4	...	Gonda	
	Rai Bareli	18 0	18 8	19 4	22 8	22 0	22 12	...	...	...	15 12	18 0	13 8	24 0	25 0	22 0	...	20 0	...	19 4	19 0	18 0	16 0	16 0	16 0	9 0	9 0	8 4	Rai Bareli	
	Sultánpur	20 8	21 0	20 8	30 0	30 0	27 0	11 0	11 0	11 0	19 0	20 0	16 0	...	...	...	20 0	21 0	14 0	27 8	29 0	23 0	12 0	11 0	11 8	10 12	11 4	9 8	Sultánpur	
	Partábgarh	19 14	20 5	21 5	28 7	28 14	26 14	16 5	16 11	13 0	16 11	18 0	15 0	...	...	...	...	...	...	24 3	25 6	20 11	11 0	11 0	10 0	10 10	10 0	8 9	Partábgarh	
	Delhi	18 0	17 8	19 8	23 8	23 12	27 8	...	...	...	15 0	15 0	13 0	24 0	24 0	20 8	19 0	19 0	19 0	22 0	21 12	20 4	12 8	12 12	...	12 0	12 4	11 8	Delhi	
	Gurgáon	19 0	19 0	20 8	24 0	21 0	26 8	...	...	...	13 0	13 0	13 0	22 0	23 0	24 0	20 0	22 0	22 0	22 0	20 8	22 0	14 0	14 0	12 0	12 0	12 0	10 0	Gurgáon	
	Karnál	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	No return received			Karnál	
	Hissar [a]	18 0	19 0	16 0	29 0	30 0	22 0	...	...	...	10 0	10 0	10 0	28 0	31 0	23 0	26 0	28 0	21 0	...	...	...	26 8	28 0	24 0	80 0	80 0	100 0	11 8	11 0	...	11 0	11 0	10 0	Hissar	
	Rohtak	17 8	17 4	18 8	25 0	25 0	24 0	...	...	...	9 0	9 0	8 0	25 0	25 0	23 0	21 0	22 0	17 0	...	...	...	24 8	23 0	23 8	100 0	100 0	100 0	11 6	10 2	...	11 4	10 1	10 8	Rohtak	
	Sirsa [b]	21 8	23 0	17 0	40 14	39 0	30 0	...	...	...	14 0	14 0	11 0	39 6	41 4	24 0	31 0	32 0	21 0	...	...	...	37 6	34 0	26 8	120 0	120 0	120 0	11 12	12 8	...	11 8	12 0	9 0	Sirsa	
	Umballa	21 12	23 12	19 4	30 8	33 0	26 0	...	...	...	12 0	13 0	12 0	32 0	33 0	25 0	28 0	30 0	19 0	...	...	...	26 4	28 0	22 4	130 0	130 0	160 0	13 8	13 12	...	13 4	13 8	11 4	Umballa	
	Ludhiána	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	No return received			Ludhiána	
	Simla	...	17 8	18 8	...	...	...	...	...	...	12 0	12 0	11 0	...	...	...	...	...	...	...	18 12	14 0	80 0	80 0	80 0	10 8	10 12	...	9 13	10 1	9 0	Simla	
	Jullundur [c]	25 8	24 8	19 0	40 0	43 0	28 0	...	...	...	8 0	8 0	8 0	32 0	37 0	27 0	24 0	23 0	16 0	28 8	30 8	21 8	100 0	100 0	105 0	100 0	100 0	100 0	14 8	14 8	...	14 0	14 0	11 8	Jullundur	
	Hoshiárpur [d]	25 0	24 8	20 4	35 0	35 0	28 8	...	...	...	11 0	11 0	8 4	29 0	31 0	25 8	19 0	19 0	15 0	27 0	29 0	21 4	120 0	100 0	120 0	14 0	14 0	...	13 8	13 8	11 8	Hoshiárpur	
	Kangra	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	No return received			Kangra	

* Mandwa: Present 30 seers, past 35 seers, corresponding 23 seers and 8 chittacks.

[a] Price of jowar rising.

[b] Price of gram fallen.

[c] Price of jowar fallen.

[d] Price of firewood fallen.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT INDIA FOR THE 1st HALF OF JUNE 1882—*continued.*

QUANTITIES PER RUPEE

IN SEERS OF 80 TOLAHS.

Districts.	Wheat.			Barley.			Rice (best sort).			Rice (common).			Great Millet (Cholum, Jowari, *Holcus Sorghum.*			Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.*			Lesser Millets, Ragi, &c. (Kararu, Veragu, Sawee, Cheena, Coraloo, Murhwa, Nuglee), *Panicum Miliaceum, &c.*			Gram.			Firewood.			Salt. Wholesale.			Salt. Retail.			Districts.
	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	
	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	
Amritsar	25 8	25 0	21 0	39 0	39 0	27 8	...	...	...	12 8	12 8	11 8	28 4	29 4	20 8	24 8	24 8	17 8	...	...	...	32 12	31 4	22 0	80 0	90 0	90 0	15 4	15 4	...	14 14	14 12	12 6	Amritsar
Siálkot	25 12	24 8	19 8	37 8	37 0	29 0	...	...	...	16 0	16 0	13 0	26 0	25 0	15 8	24 0	24 0	12 0	...	...	...	27 0	26 0	18 0	130 0	140 0	140 0	15 0	15 4	...	15 0	15 0	12 0	Siálkot
Gurdáspur	No re	turn re	ceived	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	No	return	received	...	Gurdáspur
Lahore	23 0	22 0	19 0	33 0	33 0	27 0	...	...	...	10 0	10 0	9 0	28 0	30 0	19 0	22 0	22 0	16 0	...	...	...	29 0	28 0	20 0	80 0	80 0	100 0	15 0	15 0	...	14 0	14 0	11 0	Lahore
Ferozepore [a]	23 0	21 8	18 0	35 0	34 0	28 0	...	...	...	11 0	11 0	12 0	36 0	38 0	...	36 0	36 0	...	...	...	...	31 0	29 0	24 0	90 0	70 0	70 0	13 4	13 0	...	13 0	13 0	11 8	Ferozepore
Gujránwála	23 8	23 0	19 0	38 0	38 0	32 0	...	...	...	12 0	12 0	12 0	30 0	30 0	20 0	20 0	20 0	16 0	...	...	...	28 0	27 8	18 12	95 0	95 0	95 0	15 4	15 4	...	15 0	15 0	12 0	Gujránwála
Ráwalpindi [b]	20 0	19 0	11 12	29 0	31 0	21 0	...	...	...	7 12	8 0	6 8	21 0	28 0	17 0	24 0	21 0	15 0	...	...	...	22 4	22 0	14 8	100 0	80 0	40 0	15 0	14 8	...	14 12	14 0	11 12	Ráwalpindi
Jhelum	No re	turn re	ceived	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	No	return	received	...	Jhelum
Gujrát	26 8	26 8	19 0	38 8	39 8	28 8	...	...	...	12 0	12 0	8 0	21 0	21 0	18 0	28 0	28 0	16 0	...	...	...	25 8	26 0	17 4	100 0	100 0	80 0	*	*	...	15 0	15 0	12 8	Gujrát
Shahpúr	20 0	20 0	16 0	31 8	31 0	23 8	...	...	...	13 0	12 0	10 0	20 0	21 0	14 0	20 0	20 0	14 0	...	...	...	24 8	24 0	19 0	320 0	320 0	320 0	17 0	17 0	...	16 0	16 0	14 0	Shahpúr
Mooltan	17 8	17 8	14 0	23 0	25 0	20 8	...	...	...	10 0	10 0	8 0	24 0	24 0	14 0	24 0	24 0	18 0	...	...	...	22 8	23 0	17 0	90 0	90 0	80 0	13 12	14 0	...	13 8	13 8	12 0	Mooltan
Jhang	18 0	19 8	15 8	28 0	29 8	21 0	...	...	...	11 0	10 0	9 0	14 0	14 0	18 0	16 0	16 0	16 0	...	...	...	23 12	24 0	18 0	200 0	200 0	200 0	14 8	14 5	...	14 0	14 0	12 8	Jhang
Montgomery [c]	19 0	21 0	16 0	24 0	30 0	20 0	...	...	...	5 8	5 8	5 0	...	32 0	...	...	...	...	...	...	...	24 0	27 0	17 0	200 0	200 0	200 0	11 8	12 0	...	10 8	11 0	10 8	Montgomery
Muzaffargarh [d]	21 0	20 0	15 8	28 0	28 0	23 0	...	...	...	5 0	5 0	5 0	19 0	20 0	13 0	20 0	20 0	13 0	...	...	...	20 8	21 8	15 8	80 0	100 0	100 0	*	*	...	13 8	13 8	12 0	Muzaffargarh
Dera Ismail Khán	18 1	18 12	16 10	27 3	30 1	26 4	...	...	...	8 12	8 12	7 8	27 8	30 0	15 0	24 2	25 0	15 10	...	...	...	24 6	26 6	25 10	100 0	100 0	100 0	55 0	55 0	...	53 0	53 0	50 0	Dera Ismail Khán
Dera Gházi Khán	18 2	18 12	16 4	26 4	26 4	21 4	...	...	...	7 8	7 8	7 8	22 8	22 8	20 0	25 0	25 0	13 12	...	...	...	22 8	25 0	20 0	100 0	100 0	125 0	27 8	27 8	...	25 0	25 0	28 12	Dera Gházi Khán
Bannu	No re	turn re	ceived	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	No	return	received	...	Bannu
Pesháwar	18 0	17 2	10 7	35 12	34 8	20 6	...	...	...	9 8	9 8	6 5	26 8	27 8	15 12	13 6	13 6	9 13	...	...	...	18 4	19 0	11 10	91 0	91 0	66 0	55 4	55 4	...	53 0	53 0	39 0	Pesháwar
Kohát	No re	turn re	ceived	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	No	return	received	...	Kohát
Házára	...	...	9 8	34 0	34 0	24 0	...	...	...	13 0	14 0	9 8	...	...	...	...	...	...	...	...	...	18 12	19 0	12 8	140 0	140 0	100 0	...	...	...	12 0	12 0	10 0	Házára
Nágpur	17 4	16 0	20 0	...	...	...	8 8	8 12	9 12	14 12	16 0	15 12	24 12	25 12	30 0	...	...	...	...	...	...	22 4	24 12	25 0	130 0	130 0	120 0	11 8	11 8	10 8	11 4	11 4	10 4	Nágpur
Bhandára	20 8	20 0	23 12	...	...	...	10 4	11 4	9 8	16 8	21 4	17 8	24 8	24 12	26 0	...	...	...	...	...	...	24 12	24 12	28 0	...	...	...	11 0	11 0	10 0	10 12	10 12	9 8	Bhandára
Chánda	17 8	17 8	23 0	...	...	...	...	...	...	12 0	12 0	14 8	21 8	25 0	31 0	...	...	...	...	...	...	28 0	28 0	24 0	360 0	360 0	360 0	...	...	...	10 8	10 8	10 0	Chánda
Wardha	No ret	urn rec	eived	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	No	retu n	received	...	Wardha
Bálaghát	17 0	20 0	25 0	...	...	...	15 0	16 4	15 0	22 0	26 0	25 0	...	...	...	...	...	...	...	...	...	28 0	32 0	38 0	275 0	275 0	275 0	10 0	12 0	...	10 0	10 0	9 0	Bálaghát
Jubbulpore	17 0	17 8	22 0	22 0	25 0	25 0	10 0	11 0	16 0	19 0	18 0	...	29 0	31 0	17 0	18 8	24 0	...	...	...	...	28 8	29 0	33 0	120 0	120 0	130 0	11 8	10 12	...	11 0	10 12	9 0	Jubbulpore
Saugor	19 0	21 0	34 0	...	...	...	8 0	8 0	8 0	9 0	10 0	9 0	...	...	...	...	...	...	...	...	...	25 0	26 0	39 0	160 0	160 0	140 0	8 8	9 0	...	8 4	8 12	7 8	Saugor
Damoh	21 12	26 8	12 0	...	...	...	13 8	12 12	12 12	14 8	13 12	13 12	...	...	...	...	...	...	...	...	...	34 0	41 0	50 0	200 0	200 0	200 0	9 8	9 8	7 0	9 4	6 12	Damoh
Seoni	18 0	22 0	26 0	...	...	...	12 8	13 0	13 0	16 0	19 8	18 0	...	...	...	...	...	...	...	...	...	28 8	27 0	37 0	220 0	220 0	200 0	10 0	10 0	6 0	9 8	9 8	5 8	Seoni
Mandla	20 0	25 0	31 0	...	...	...	15 8	15 0	17 0	19 0	18 0	22 0	...	...	...	...	...	...	...	...	...	32 0	55 0	60 0	256 0	256 0	256 0	...	...	...	9 0	8 0	6 0	Mandla
Betúl	16 0	18 8	25 0	...	...	...	10 0	10 0	12 0	10 8	11 0	13 0	20 0	21 0	10 0	...	...	...	30 0	35 0	31 0	24 0	27 0	30 0	200 0	200 0	200 0	10 0	9 0	9 0	9 0	8 0	6 0	Betúl
Chhindwára	20 0	22 0	22 0	...	...	...	9 0	9 0	10 0	14 0	14 0	14 0	3 0	28 0	30 0	...	...	...	15 8	18 8	25 8	19 0	20 0	32 0	240 0	240 0	240 0	9 8	9 8	9 8	9 0	9 0	8 0	Chhindwára
Hoshangabad	14 6	14 10	18 12	...	...	...	4 0	4 0	4 6	11 4	11 4	9 8	24 0	21 0	33 0	22 0	22 0	28 8	19 0	20 0	20 0	21 6	20 4	32 0	160 0	160 0	120 0	8 7	9 7	...	8 2	8 14	5 4	Hoshangabad
Narsinghpur	15 0	15 12	23 8	...	...	...	10 0	10 0	11 0	13 8	13 8	12 0	...	...	50 0	...	...	45 0	...	...	...	24 0	26 0	41 0	160 0	160 0	160 0	10 4	9 10	6 12	9 12	9 2	6 8	Narsinghpur
Nimár	14 0	16 4	20 0	...	...	...	...	...	...	11 8	12 4	10 14	22 8	24 4	10 0	22 18	24 0	33 10	...	...	...	20 0	21 1	26 6	160 0	160 0	160 0	13 8	13 8	9 8	13 0	13 0	9 0	Nimár
Raipur	30 0	28 0	40 0	...	...	...	19 0	20 0	19 0	34 0	34 0	32 0	...	...	...	...	...	...	...	...	...	32 0	32 0	36 8	60 0	60 0	60 0	9 0	8 8	8 12	8 8	8 8	8 8	Raipur
Sambalpur	28 0	27 0	24 0	...	...	...	10 0	34 4	30 0	52 0	47 0	35 0	...	...	...	...	...	...	...	...	...	32 0	26 0	28 0	120 0	120 0	220 0	9 0	9 8	8 0	8 8	9 0	7 8	Sambalpur
Bilaspur	54 0	54 0	67 8	...	...	...	61 0	36 0	30 0	90 0	67 0	48 0	...	...	...	...	...	...	100 0	125 0	170 0	48 0	63 0	56 0	120 0	140 0	140 0	...	...	...	7 0	8 0	7 8	Bilaspur
Arakan Division.																																		***Arakan Division.***
Akyab																																		Akyab
Northern Arakan																																		Northern Arakan
Kyoukpyoo																																		Kyoukpyoo
Sandoway																																		Sandoway
Pegu Division.																																		***Pegu Division.***
Rangoon town and Hanthawaddy																																		Rangoon town and Hanthawaddy
Tharrawaddy																																		Tharrawaddy
Prome																																		Prome
Irrawaddy Division.																																		***Irrawaddy Division.***
Henzada																																		Henzada
Bassein	No return received																												No return received					Bassein
Thonegwa																																		Thonegwa
Thayetmyo																																		Thayetmyo
Tenasserim Division.																																		***Tenasserim Division.***
Moulmein town and Amherst																																		Moulmein town and Amherst
Tavoy																																		Tavoy
Mergui																																		Mergui
Toungoo																																		Toungoo
Shwaygyin																																		Shwaygyin
Salween																																		Salween
Secunderabad	15 2	16 12	15 5	...	...	...	6 13	6 13	..	9 13	9 13	9 9	23 0	23 14	22 3	...	27 0	...	...	27 0	...	17 4	18 13	22 3	130 0	130 0	125 0	10 11	11 0	9 9	10 3	10 7	9 2	Secunderabad
Bolarum	17 8	18 12	17 11	...	...	...	7 1	7 6	7 11	8 12	8 12	9 9	26 11	27 0	25 11	...	...	...	...	...	...	20 4	20 7	23 12	116 14	116 14	116 14	...	...	...	10 12	10 9	9 8	Bolarum
Chudderghat	13 8	15 0	9 0	...	...	...	6 12	7 0	6 0	8 8	8 12	8 8	24 0	26 0	21 0	33 0	33 0	30 0	...	...	...	17 8	19 0	24 0	80 0	80 0	80 0	...	...	...	9 4	9 8	8 12	Chudderghat
Amráoti	16 0	15 0	21 0	10 8	11 0	10 0	8 0	8 0	7 8	10 0	10 0	9 0	27 0	26 0	36 0	24 0	24 0	26 0	7 0	7 0	7 8	20 0	21 0	22 0	70 0	70 0	75 0	12 8	12 8	11 8	12 0	12 0	11 0	Amráoti
Akola	16 0	15 0	22 0	...	...	...	10 0	8 0	8 0	12 0	10 0	10 0	30 0	30 0	40 0	23 0	24 0	24 0	...	...	...	21 0	21 0	26 0	64 0	64 0	64 0	11 0	11 0	9 0	10 0	10 0	9 0	Akola
Ellichpur	16 0	15 0	21 0	12 0	12 0	12 0	6 0	6 0	8 0	8 0	8 0	9 0	22 0	21 0	27 0	20 0	21 0	26 0	...	...	...	16 0	16 0	28 0	64 0	64 0	64 0	...	...	...	9 0	9 0	9 0	Ellichpur
Buldána	14 0	14 0	21 0	12 0	12 0	12 0	6 0	6 0	8 0	8 0	8 0	9 0	22 0	21 0	27 0	20 0	21 0	26 0	...	...	...	28 0	28 0	35 0	...	...	...	...	...	...	11 0	12 0	10 0	Buldána
Wún	20 0	20 0	26 0	...	...	...	...	...	...	11 0	11 0	11 0	32 0	32 0	32 0	30 0	30 0	30 0	...	...	...	22 0	26 0	23 0	100 0	100 0	100 0	...	...	...	8 0	8 0	8 0	Wún
Básim	14 0	15 0	16 0	...	...	...	7 0	7 0	7 8	10 8	10 8	11 0	30 0	30 0	35 0	...	...	...	...	...	...	26 0	26 0	27 4	64 0	64 0	64 0	10 0	11 0	8 8	9 8	10 0	8 0	Básim
	31 0	20 0	25 12	...	...	...	5 4	5 0	5 4	13 0	12 0	13 4	30 0	32 0	26 0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	

[a] Price of firewood fallen.

[b] Price of barley risen.

[c] Price of barley risen.

[d] Price of firewood risen.

* Salt not sold wholesale.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT INDIA FOR THE 1st HALF OF JUNE 1882 —*concluded.*

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

Districts.	Wheat.			Barley.			Rice (best sort).			Rice (common).			Great Millet (Cholum, Jowar), *Holcus Sorghum.*			Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.*			Lesser Millets, Ragi, &c. (Kowaru, Varagu, Sawee, Cheena, Coraloo, Murhwa, Nuglee), *Panicum Miliaceum, &c.*			Gram.			Firewood.			Salt. Wholesale.			Salt. Retail.			Districts.
	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	
	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	
Bangalore, Kolar, Túmkúr, Mysore, Hassan, Shimoga, Kadur, Chitaldroog	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	No return received			...	...	...	Bangalore, Kolar, Túmkúr, Mysore, Hassan, Shimoga, Kadur, Chitaldroog
Coorg	8 9	8 11	8 12	9 2	9 5	9 7	10 10	11 8	12 4	13 13	13 8	18 9	...	...	...	...	...	...	19 13	20 6	36 1	21 14	21 11	34 13	110 0	110 0	110 0	10 8	10 8	...	9 8	9 4	8 11	Coorg
Jeypore	16 4	16 8	15 4	21 0	21 0	21 4	6 0	6 0	6 4	9 0	9 0	8 8	20 0	20 0	23 0	19 0	19 0	20 0	...	...	...	18 8	18 0	17 8	...	...	...	14 0	14 0	...	13 8	13 8	11 0	Jeypore
Kishengurh	15 12	16 12	17 8	22 8	22 12	27 0	9 0	9 0	8 8	10 8	10 0	9 0	23 8	22 0	26 8	20 0	20 0	*	...	...	...	21 12	23 0	26 8	...	...	...	...	...	...	16 12	16 12	12 8	Kishengurh
Kerrowlee	17 0	17 0	*	20 0	20 0	*	13 8	13 8	*	15 0	15 0	*	20 0	20 0	*	17 8	17 8	*	...	...	...	19 0	19 0	*	...	...	...	13 10	13 7	*	13 8	12 8	*	Kerrowlee
Ulwur	17 6	17 0	17 14	21 11	21 14	22 10	8 0	8 0	8 0	11 0	11 0	7 8	23 8	23 8	25 4	19 8	19 8	19 12	...	...	...	20 13	20 9	18 6	...	...	...	15 13	15 13	...	15 6	15 6	12 8	Ulwur
Bhurtpore (City)	17 8	18 8	17 4	22 8	24 0	23 0	6 8	6 8	6 4	11 11	12 0	10 10	21 13	22 2	22 14	16 8	19 5	19 2	...	...	...	20 8	22 0	18 4	...	...	...	14 8	14 8	...	14 0	13 8	12 4	Bhurtpore (City)
Ajmere	15 8	14 8	15 8	21 8	20 0	23 0	5 0	5 0	5 0	8 0	8 0	8 0	18 0	18 0	20 0	16 0	18 0	19 0	70 0	70 0	60 0	...	...	...	...	...	...	...	...	...	15 0	15 0	12 0	Ajmere
Deoli Cantonment	6 4½	17 14	18 8	20 4	22 13	24 14	...	...	...	10 8	10 8	10 8	21 7	22 0	28 0	17 0	17 0	22 0	...	...	...	20 6	22 0	22 8	...	...	...	...	...	...	13 10	13 12	11 0	Deoli Cantonment
																						Rs. A. P.	Rs. A. P. per md.	Rs. A. P.										
Erinpura	17 3	17 3	17 12	29 14	29 14	26 8	...	...	...	8 0	8 0	7 0	25 0	25 0	23 0	22 0	22 0	23 0	...	...	...	23 2	23 2	22 0	170 0	170 0	160 0	3 1 2	3 1 2	...	12 0	12 0	11 0	Erinpura
Sirohee	17 0	17 12	17 0	28 0	30 0	29 0	7 0	7 0	6 0	8 8	8 0	7 14	18 0	18 0	18 0	21 0	21 0	24 0	...	...	...	21 8	23 0	19 0	160 0	160 0	120 0	3 5 0	...	...	11 7	11 7	11 7	Sirohee
Abu	15 2	15 8	14 12	22 12	22 4	25 0	7 0	6 8	6 0	9 0	9 0	8 8	...	...	...	21 4	20 0	22 0	...	...	...	18 4	18 0	16 6	160 0	160 0	160 0	3 8 0	3 8 0	...	10 8	10 8	10 8	Abu
Anadra	17 4	17 4	16 10	26 8	36 8	31 0	7 0	...	...	19 0	19 0	14 0	...	...	...	...	...	...	...	...	...	21 0	20 12	18 14	...	...	...	3 8 0	3 12 0	...	11 8	11 8	11 8	Anadra
Hilly Tracts of Meywar	19 0	21 8	24 0	26 0	28 0	38 0	...	...	...	19 0	19 0	14 0	...	...	...	...	...	...	...	...	...	24 0	24 0	30 0	†	†	†	...	...	...	10 0	10 0	8 8	Hilly Tracts of Meywar
																												S. Ch.	S. Ch.	S. Ch.				
Meywar (Oodeypore)	13 13½	14 13½	16 6½	17 15½	19 8½	22 4½	10 2½	10 15	9 6	...	...	...	...	...	...	...	...	...	...	...	...	16 12½	17 3	22 10½	200 0	200 0	200 0	9 12½	9 9	...	9 6	9 6	7 13	Meywar (Oodeypore)
Bánswára (Meywar Agency)	21 4	25 0	28 12	...	...	...	10 0	7 8	7 8	17 8	17 8	17 8	...	...	...	...	...	...	...	...	...	31 4	35 0	60 0	...	...	...	...	...	...	11 4	11 14	9 1	Bánswára (Meywar Agency)
Partábgarh (,,)	15 2	16 9	21 4	...	...	...	10 15	10 15	7 8	13 5	13 7	13 12	...	...	...	...	...	...	...	...	...	19 1	19 6	30 0	...	...	...	...	...	...	10 0	10 0	8 12	Partábgarh (,,)
																												Rs. A. P.	Rs. A. P. per md.	Rs. A. P.				
Marwar (Jodhpore)	15 10	15 15	15 0	21 4	22 8	18 12	6 4	6 4	5 0	7 8	7 8	6 4	21 4	22 8	20 0	18 12	18 12	17 8	...	...	...	20 0	20 0	15 0	...	...	...	2 9 0	2 9 0	...	15 0	15 10	13 12	Marwar (Jodhpore)
																												S. Ch.	S. Ch.	S. Ch.				
Bikaneer	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	No return received			Bikaneer
Boondee	17 0	16 0	23 0	25 0	25 0	35 0	9 0	9 0	7 8	9 8	10 0	9 8	26 0	23 0	35 0	...	...	...	...	...	...	25 12	25 0	30 0	140 0	140 0	160 0	12 0	13 8	9 0	11 12	13 4	...	Boondee
Kotah	17 4	17 8	25 12	22 0	22 0	32 0	8 12	8 12	7 12	11 0	10 8	9 8	21 0	23 8	40 8	16 0	15 0	20 0	...	...	...	24 12	26 4	32 8	240 0	240 0	240 0	12 0	12 0	...	11 8	11 8	9 4	Kotah
Tonk	14 2	14 8	17 15	20 5	20 11	24 2	7 0	7 0	7 5	10 0	10 0	9 5	21 5	21 8	26 8	18 10	19 8	23 12	...	...	...	19 10	20 0	21 8	160 0	160 0	140 0	13 4	13 8	10 8	13 0	13 4	...	Tonk
Jhallawar	15 4	15 4	22 9	15 1	15 15	27 14	...	...	...	8 14	8 14	7 12	16 4	16 4	30 11½	13 6	13 6	18 3½	...	...	...	18 9½	18 9½	29 3	...	...	...	9 15	9 15	...	9 11½	9 11½	7 8½	Jhallawar
Shahpoora	17 12	18 8	18 0	21 2	25 4	24 8	10 8	10 4	9 4	14 0	15 2	13 8	19 12	20 1	26 4	18 0	18 0	20 5	...	...	...	19 8	19 12	21 4	160 0	160 0	160 0	13 8	13 12	10 14	13 4	13 8	...	Shahpoora
Dholpur	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	No return received			Dholpur
Indore, Gwalior, Goona, Baghelkhand (Sutna)	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	No return received			Indore, Gwalior, Goona, Baghelkhand (Sutna)

* Not received.

† Eight pies per bundle.

D. M. BARBOUR,
Offg. Secretary to the Government of India.

DEPARTMENT OF FINANCE AND COMMERCE,
(Statistical Branch.)

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

RAILWAY TRAFFIC.

No. XXIII OF 1882.

APPROXIMATE STATEMENT OF GROSS RECEIPTS AND EXPENSES OF INDIAN RAILWAYS.

Latest return received.	Railways.	Total mean length open.	Receipts for week ending 11th June 1881. Total.	Per mile open	Total mean length open.	Receipts for week ending 10th June 1882. Total.	Per mile open.	Total Receipts from 1st April to 11th June 1881. Total.	Per mile open per week.	Total Receipts from 1st April to 10th June 1882. Total.	Per mile open per week.	Total Increase in 1882-83.	Total Decrease in 1882-83.
	Guaranteed.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
17th June 1882	Eastern Bengal ...	176	74,039	421	172	65,237	379	6,38,679	353	7,11,261	407	72,582	...
10th ditto ...	Oudh and Rohilkhand	547	86,957	159	547	1,04,596	191	10,65,713	190	11,91,573	215	1,25,860	...
10th ditto ...	Sind, Punjab & Delhi	676	1,21,880	180	676	1,94,096	287	19,37,199	279	20,27,078	296	89,879	...
10th ditto ...	Madras ...	858	1,14,351	133	858	1,31,398	153	11,99,053	136	13,96,884	160	1,97,831	...
10th ditto ...	South Indian ...	655	73,668	112	655	78,652	120	7,66,581	114	7,94,289	120	27,708	...
17th ditto ...	Great Indian Peninsula	1,448	6,25,253	432	1,458	5,90,005	405	77,94,718	524	93,16,235	633	15,21,517	...
10th ditto ...	Bombay, Baroda and Central India ...	444	2,46,264	554	461	1,36,905	297	28,51,005	624	27,58,364	590	...	92,641
	TOTAL ...	4,804	13,42,412	279	4,827	13,00,889	269	1,62,52,948	329	1,81,95,684	372	19,42,736	...
	State.												
17th June 1882	East Indian ...	1,504	7,82,294	520	1,507	9,16,758	608	87,76,178	566	91,39,860	598	3,63,682	...
[illegible] ditto ...	Calcutta and South-Eastern ...	28	2,099	75	28	2,545	91	27,410	95	31,268	110	3,858	...
[illegible] ditto ...	Nalhati ...	27	1,902	70	27	1,294	48	13,214	48	14,329	52	1,115	...
[illegible] ditto ...	Northern Bengal ...	231	30,676	133	233	35,050	150	3,00,329	127	3,57,232	151	56,903	...
[illegible] ditto ...	Tirhoot ...	82	14,396	176	85	11,993	141	1,32,160	157	1,39,397	162	7,237	...
[illegible] ...	Patna-Gya ...	57	8,360	147	57	7,692	135	96,181	164	1,01,183	175	5,002	...
[illegible] ...	Muttra-Hathras ...	29	2,548	88	29	1,729	60	26,124	87	25,371	86	...	753
[illegible] ditto ...	Cawnpore-Farukhabad	86	5,388	63	86	6,025	70	54,128	61	66,749	76	12,621	...
10th ditto ...	Dildarnagar-Ghazipur	12	1,004	84	12	1,022	85	10,883	88	12,059	99	1,176	...
17th ditto ...	Rajputana-Malwa ...	1,016	1,93,341	190	1,117	1,97,510	177	19,17,834	183	22,67,627	200	3,49,793	...
17th ditto ...	Wardha Coal ...	45	8,098	180	45	12,268	273	87,965	190	1,36,278	298	48,312	...
[illegible] ditto ...	Nagpur & Chhattisgarh	53	5,916	112	98	11,164	114	79,118	113	1,89,098	190	1,09,980	...
[illegible] ditto ...	Rangoon and Irrawaddy Valley ...	161	25,865	161	161	22,119	137	3,66,010	221	3,62,470	222	...	3,540
[illegible] ditto ...	Sindia ...	78	4,646	60	75	5,269	70	60,675	81	65,289	86	4,614	...
[illegible] ditto ...	Punjab Northern ...	363	55,196	152	412	48,486	118	6,72,996	180	5,99,316	150	...	73,680
[illegible] ditto ...	Indus Valley and Kandahar ...	660	68,057	103	660	1,08,416	164	10,99,350	162	8,98,379	134	...	2,00,971
[illegible] ...	Muttra-Achneyra ...	...	...	...	23	897	39	...	...	11,747	50	11,747	...
	TOTAL ...	2,928	4,27,492	146	3,148	4,73,479	150	49,44,377	164	52,77,792	167	3,33,415	...
	Native States.												
[illegible] June 1882	Bhavnagar-Goudal ...	192	26,438	138	194	21,083	109	2,39,528	121	2,80,366	142	40,838	
10th ditto ...	Nizam's ...	121	19,143	158	121	14,912	123	1,71,315	138	1,70,419	139	...	896
20th May 1882	Mysore ...	58	2,363	41	...	(a)...	...	(b)16,596	39	(c)35,426	57	18,830	
	TOTAL ...	371	47,944	129	315	35,995	114	4,27,439	112	4,86,211	120	58,772	
	GRAND TOTAL ...	9,607	26,00,142	271	9,797	27,27,121	278	3,04,00,942	306	3,30,99,547	331	26,98,605	...
	GROSS ESTIMATED EXPENSES ...	...	...	...	...	...	...	1,56,88,443	158	1,58,87,783	159	...	...
	NET RECEIPTS ...	...	...	...	...	...	...	1,47,12,499	148	1,72,11,764	172	24,99,265	

(a) Return not received. (b) Total receipts from 1st April to 21st May 1881. (c) Total receipts from 1st April to 20th May 1882.

F. FIREBRACE, *Major, R.E.*,
Under Secretary.

Simla,
The 3rd July 1882.

GOVERNMENT OF INDIA.

REVENUE AND AGRICULTURAL DEPARTMENT.

REPORTS ON THE STATE OF THE SEASON AND PROSPECTS OF THE CROPS FOR THE WEEK ENDING THE 4th JULY 1882.

GENERAL REMARKS.—The week under report has been characterised by more or less good rain throughout the whole country, the notable exceptions being Sind and parts of the Punjab.

In the Madras Presidency and Coorg, and parts of the Mysore State and of the Bombay Presidency rain, has been more abundant than in the preceding week. The Nizam's Territories and Berar and the greater part of Rajputana have also at last enjoyed good rain. In the Central Provinces, Central India, Bengal, Assam, and the North-Western Provinces and Oudh the monsoon continues to gather strength.

Prospects are generally good throughout the country. Standing crops and seedlings are doing well in most parts, and *kharif* operations are, as a rule, actively progressing throughout the country. The rainfall during the past week has been of much benefit. Rain is, however, still urgently needed in parts of the Punjab and Sind, and more would be beneficial in certain tracts, among which Agra, Orissa, parts of three districts of the Bombay Presidency, part of Mysore, and one district of Madras are the most noteworthy.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Madras—(July 5th)		
Bellary ...	1·11 (average of six stations).	Standing wet crops good; harvest paddy, outturn below average; fever in parts.
Kurnool ...	1·08 (average of nine stations).	Season much improved by recent rain in six taluks, more rain wanted in two taluks; cattle-disease in parts.
Ganjam ...	1·31 (average of fifteen stations).	Standing wet and dry crops require rain; fever, small-pox, and cholera prevalent; cattle-disease exists.
Kistna ...	1·54 (average of thirteen stations).	Small-pox and slight cattle-disease prevalent.
Chingleput (Madras) ...	·84 (average of nine stations).	Water-supply running short; standing crops good where water available; agricultural operations progressing; harvest wet and dry grains, yield below average.
Coimbatore ...	·38 (average of seven stations).	Standing crops generally good, though slightly attacked by insects in parts; harvest *cholum*, outturn average; small-pox and fever in parts.
Tanjore ...	1·52 (average of nine stations).	Standing crops generally good; cattle-disease slight in parts.
Madura ...	·66 (average of six stations).	Standing crops fair; harvest *cholum*; fever and cholera in parts.
Malabar ...	2·20 (average of fourteen stations).	Sowing of first crops progressing; small-pox, fever, cholera, and cattle-disease in parts.
Travancore ...	1·38	Ploughing and sowing over; fever slightly prevalent. *General Remarks.*—General prospects good.
Bombay—(July 5th)		
Kurrachee ...	Passing showers of rain at Kurrachee on 3rd.	River at Kotri on 3rd, 15 feet 5 inches against 14½ feet on same date last year; fever in seven talukas; damage by turtles and crabs continues in Garho and Kutha tapas; rice transplanting still going on; wheat, red rice, and *bajri* in Kurrachee 24, 38 and 34, in Sehwan 28, 46 and 48, in Tatta 24, 46 and 40, and in Mirpur Botoro 20, 54 and 48 lbs. per rupee, respectively.
Hyderabad ...	.....	River falling somewhat; *kharif* operations continue; fever in two talukas; weather cooler; wheat 25, *juari* 44, *bajri* 40, red rice 32, and white rice 22 lbs. per rupee.
Ahmedabad ...	No rain	Ploughing and sowing progressing; cholera—in Ahmedabad city 38 cases, 21 deaths, in Dhakroli 8 cases, 8 deaths, in Viramgaum 114 cases, 74 deaths, and in Sanand 11 cases; wheat 26 and *bajri* 29 lbs. per rupee.
Baroda ...	1·31	Total rainfall 8·43; want of rain felt in Amreli and Kari Divisions; cholera continues in Kari Division; *bajri* 29 and common rice 23 lbs. per rupee.
Surat ...	2·98	Total rainfall 12·89; sowing mostly completed; *juari* 35 and *nagli* 50 lbs. per rupee.
Násik ...	Peint, 4·41; Igatpuri, 2·53; Malegaon, 2·04; Nandgaon, 1·72; few showers elsewhere.	More rain urgently wanted; early crops doing well; *bajri* sowing commencing; locusts in six northern talukas causing anxiety; health good; *bajri* 36, wheat 24, and rice 24 lbs. per rupee.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Bombay—*contd.*		
Colaba (Bombay) ...	Rain every day, heavy on 1st, 2nd, and 3rd; rainfall of week, 7·90.	Total rainfall to date 34·97, being 10·29 above average; average abnormal temperature *nil* from 28th to 30th, afterwards 5° cool; vapour in air normal; abnormal wind northerly till 30th, then gradually changing to east, north-east on 3rd; wind normal on 4th.
Poona ...	Rain in two talukas—maximum 2·26; minimum ·45.	Sowing operations retarded for want of rain; locusts like insects in four talukas; *bajri* 41¾ and *juari* 56½ lbs. per rupee, in Poona *bajri* 36¾ and *juari* 43½ lbs. per rupee.
Ahmednagar ...	Rainfall—maximum at Sheogaon, 6·19; minimum at Sangamner, ·02.	Sowing of *kharif* in progress in Nagar, Parner, Shrigonda, Rahuli, and Kopergaon; rain much wanted in Sangamner, Akola, and in parts of Kopergaon; cattle-disease in Nagar, Karjat, and Parner; cholera in Parner—4 attacks, 1 death; *bajri*—maximum 60 lbs. in Jhamkhed, minimum 42 in Kopergaon; *juari*—maximum 90 lbs. in Jhamkhed, minimum 54 in Kopergaon.
Sholapur ...	·73	Total rainfall 14·06; 20 deaths from cholera; *kharif* sowing progressing; *bajri* 54 lbs. 38 tolas and *juari* 72 lbs. 23 tolas per rupee.
Dharwar ...	Rain in all talukas; maximum in Gadag, 1·75; minimum in Hubli, ·13.	Rain urgently wanted in Navalgund, Rannibennur, and Karajgbi, and more wanted also in Mandargi and Hangal; sowing of paddy completed, that of early *juari* and other *kharif* crops commenced; public health good; rice 22, and *juari* 56 lbs. per rupee.
Kanara ...	12·76; total 46·39; Kumpta, 3·03; Sirsi, 1·17; Hallyal, ·44.	Sowing operations continue above ghât; rice plants healthy, and transplanting on coast; slight small-pox in Sidapur and Sirsi; cattle-disease subsiding; common rice in Karwar 13 seers, in district average 13 seers per rupee.
Rajkot ...	1·14	Total rainfall 1·97; weather cloudy; cholera prevalent in some places; *bajri* 24 and *juari* 29 lbs. per rupee.
		General Remarks.—Sowing in general progress; rain partial; much required in a few places; locusts in Khandesh, Nasik, and Poona; slight fever and cattle-disease in a few districts; cholera in thana Satara, Belgaum, Ahmedabad, and parts of Kathiawar.
Bengal—(July 5th)—		
Chittagong ...	0·93	Weather hot, with occasional rain, more rain wanted; prices unchanged; cholera, small-pox, and cattle-disease continue.
Dacca ...	0·1	Rice, sugarcane, and jute growing fast; *aus* rice being reaped, estimated yield five annas.
24-Pergunnahs (Calcutta)	0·09	Sugarcane, jute, and early paddy doing well; high land being prepared for winter paddy; prices of common rice stationary; public health generally good; river rising.
Moorshedabad ...	3·30	Prospects of both autumn and winter rice favourable; late rain has done much good; public health generally good.
Rajshahye ...	2·72; Nator, 6·10	Prospects of paddy and jute good; prices unchanged; some cholera and fever still reported.
Burdwan ...	0·45	Prospects of crops favourable; cholera reported from thanas Ausgram and Sahibganj, otherwise public health good.
Rungpore ...	6·29	Weather seasonable; prospects of crops favourable; autumn rice being cut in several places; transplanting of winter rice going on; prices of food-grains stationary; general health good.
Bhagálpur ...	2·23	Prospects of crops good.
Purneah ...	1·23	Prospects of crops good; weeding progressing; health fair; Ganges fallen.
Patna ...	2·73	Prospects of crops good; sowing of autumn crops going on; cholera and small-pox still prevalent in the Behar sub-division.
Durbhunga ...	2·94	Prospects of all crops good; cholera disappearing slowly everywhere.
Hazaribágh ...	3·05	Weather sultry and cloudy; prospects of autumn crops good; general health good.
Cuttack ...	0·41	Autumn rice progressing well; rice being weeded; more rain wanted; cholera disappearing.
		General Remarks.—Rain fell in all districts during the week, though in some the fall was slight; cultivation of late rice progressing favourably, but wants more rain in some places; in some districts transplanting of late rice going on; early rice and jute doing well; in Behar sowing of autumn crops proceeding; sugarcane and indigo promising well; cholera said to be very prevalent in Birbhoom, but has abated in other districts; cases of small-pox still reported from a few districts: fever reported from some places in Central Bengal and from Gya and Chumparun; cattle-disease prevalent in Hooghly.
N. W. Provinces and Oudh—		
Benares (July 4th)	1·4; Chandauli, 1·9; Gangapur, 2·9.	*Kharif* sown, but on account of the want of rain in the early part of this and last week some loss is anticipated; markets well supplied; prices steady; health of man and cattle good.
Allahabad („ 5th)	Good rain	*Kharif* ploughing and sowing in progress; rising crops in good condition; prospects very good; prices slightly fallen.
Cawnpore („ 4th)	2·3 (average of whole district).	Weather cloudy and close; prospects of *kharif* excellent; sowings continue; prices almost stationary; general health good.
Gorakhpur („ „)	Rain all over the district, especially at the Sadr.	Rice coming up well; prices steady; cholera abated.
Jhánsi („ 3rd)	0·7; Man, 0·7; Moth, 0·8; Garotha, 0·1.	Sufficient rain throughout the district for present purposes; sowing of *jowar*, *kodo*, &c., progressing; prices of food-grains fluctuating; health good; no cattle-disease.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
N. W. Provinces and Oudh—*contd.*		
Agra (July 4th)	Rain in six parganas during the week, from 0·1 to 1·5.	More rain needed; slight fever in two parganas and small-pox in one; prices slowly falling.
Farukhabad („ „)	Light and partial showers.	*Kharif* sowings in progress; indigo and sugarcane promising well; prices steady.
Bareilly („ „)	Bareilly city, 3·0	Weather cloudy since rain of Sunday, with showers off and on; rain not equally distributed throughout the district, and in western parganas more is wanted; agricultural operations are going on with vigour; crops coming up well; more rain required for rice sowing in about three-fourths of the district.
Meerut („ „)	Rains commenced, occasional in every tahsil during the week; heavy rain to-day.	Ploughing and sowing begun generally; health good; supplies sufficient; prices stationary.
Kumaun („ „)	Light rain in early part of the week, much heavier towards the end.	Crops flourishing; slight measles amongst children; cattle-disease still in parts; prices stationary.
Lucknow („ „)	1·3; Maliabad, 0·3; Mohanlalganj, 0·4.	Sky cloudy, with east wind, every appearance of more rain; supplies abundant; prices falling; cholera decreasing in city.
Rae Bareli („ 3rd)	Dalamau, 0·9; Digbijaiganj, 0·7; and also in parts of tahsils Salon and Rae Bareli, but not at the tahsil head-quarters.	Heavy clouds daily; *kharif* sowings going on; prices stationary; cholera decreasing.
Partabgarh („ 4th)	Kunda, 2·6; slight showers at Sadr.	Wind easterly; sky cloudy; cholera decreasing.
Sitapur („ „)	Birwar, 5·6; 2·5 average at Sadr.	Wind easterly; prospects good.
Fyzabad („ „)	1·6	Sowing of rice going on; cholera prevalent in parts of district.
		General Remarks.—Good rain, sufficient for present purposes, throughout the provinces; prices rising slightly in Aligarh and Saharanpur, elsewhere stationary or falling; slight fever in Agra, and small-pox in Agra and Moradabad, otherwise health good; cholera decreasing; cattle-disease continues in Kumaun.
Punjab—(July 4th)		
Delhi ...	·80	Health good; prices of food-grains rising.
Hissar ...	Slight drizzlings of rain during the week.	Rain most urgently required; health good; prices rising.
Umballa ...	1·60	Ploughings for *kharif* sowings in progress; health good; prices rising.
Jullundur ...	2·50	Health good; prices rising.
Amritsar ...	No rain	Slight rise in prices of wheat and gram; health fair.
Sialkot ...	1·0; 2·0 in Zaffarwal tahsil.	Health good; prices falling.
Lahore ...	No rain	Health good; weather cloudy and windy; prices stationary.
Ferozepore ...	20 in the Zira tahsil	*Kharif* ploughings commenced; health good; prices stationary.
Mooltan ...	No rain	Crops and health good; prices rising.
Rawalpindi ...	·10	*Kharif* crops in progress; fever in Rawalpindi; measles in Pindigheb; prices rising.
Dera Ismail Khan ...	.....	No report received.
Peshawar ...	No rain	Weather extremely hot; health good; prices falling.
		General Remarks.—Rain has fallen in the Delhi, Umballa, Jullundur, Sialkot, Ferozepore, and Rawalpindi districts; slight drizzlings are reported from Hissar, where rain is most urgently required; health good, but fever is still reported in Rawalpindi and measles in Pindigheb; prices of food-grains generally are rising.
Central Provinces—		
Nagpur (July 5th)	Heavy showers	Weather close and cloudy; *kharif* prospects good; prices steady.
Jubbulpore ...	1·42	Weather cloudy and hot; sowings continue; cholera and small-pox prevalent; wheat 17 seers per rupee.
Saugor (July 3rd)	1·05	Sowing operations progressing favourably; prices steady; general health good.
Seoni ...	5·73	Rain daily since first; transplanting of rice in progress; cholera and small-pox prevalent; severe cattle-disease in one tahsil.
Khandwa ...	2·8	Weather close and cloudy; sowings continue; prices stationary; wheat 21 seers per rupee.
Hoshangabad ...	1·91	*Kharif* sowings continue; small-pox prevailing; wheat 14 seers per rupee.
Raipur (July 1st)	1·93	*Kharif* sowings nearly completed; cholera prevalent; prices unchanged; rice 40 seers per rupee.
Sambalpur (June 29th)	·37	Weather hot and bright; rice sowing in active progress; health good; rice 56 seers per rupee.
		General Remarks.—Weather cloudy and very close; rain general, heavy showers in Seoni district; *kharif* sowings progressing actively; cholera and small-pox still reported from several districts; prices steady.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
British Burma—(July 1st)		
Akyab ...	4·93	Total rainfall 73·83; small-pox slightly prevalent in two townships, otherwise public health good; cattle-disease severe in one township; ploughing progressing.
Rangoon ...	3·02	Total rainfall 24·18; 1 death from cholera, otherwise public health good.
Bassein ...	3·46	Total rainfall 44·84; public health good; some cattle-disease in two townships; much sunshine by day and heavy showers at night; young plants in nurseries suffering from sun; ploughing progressing.
Prome ...	0·25	Total rainfall 11·83; 4 deaths from cholera in town and a few cases in district; ploughing backward in one township for want of rain.
Amherst ...	3·13	Total rainfall 72·78; public health good both in Moulmein and district; cattle-disease in three townships.
Toungoo ...	3·67	Total rainfall 27·12; no deaths from small-pox in town, but 23 in one village in the Karen hills, otherwise public health good.
		General Remarks.—Cholera prevalent in Thonkwa and part of Hanthawaddy, a few cases in two or three other districts; some small-pox in Akyab and Toungoo, otherwise public health good; cattle-disease continues in Akyab and Amherst, some also in Sandaway, Tharrawaddy, Bassein, Thonkwa, and Shwaygyeen; want of rain complained of in Prome, Tharrawaddy, and Thonkwa.
Assam—(July 5th)		
Gauhati ...	1·22	Weather seasonable; public health good in the station, also improving in the interior; *aus* rice crops doing well; cattle-disease reported from the interior.
Sylhet ...	3·27	Prospects of crops good; state of public health also good.
Cachar ...	3·83	Weather very hot; sowing of *dumahi* and *murali* crops finished in some parts of the district; ploughing for *sali* crop progresses; common rice 24¾ seers per rupee; 6 cases of cholera and 1 case of small-pox reported from Katigora.
Dibrugarh ...	·4	Rainfall better in Lakhimpur, Sadiya, and Jaipur hill, defective at Dibrugarh; ploughing much retarded in consequence; cattle-disease has been very severe all over the district and seems to be extending; Bengali cattle and buffaloes have escaped partially, in some villages there is not a buffalo left alive; public health good.
Mysore and Coorg—(July 5th)		
Bangalore ...	·80	Standing crops in good condition; sowing operations of dry crops in active progress, but more rain required for wet cultivation; prospects favourable; public health good; prices stationary.
Mysore ...	.....	Crops in good condition, but more rain wanted; prospects fair; health good; rice and *ragi* risen ½ seer per rupee.
Mercara ...	10·11	The monsoon has again set in; transplanting of coffee seedlings proceeding; rice is being sown; the *ragi* crop in Naurajapatna taluk is being weeded; the coffee crop on Sampaji ghât and the cardamum crops have suffered from previous heavy rain; prospects of season and public health good; slight fall in prices.
		General Remarks.—Rainfall from 5 to 79 cents reported in districts; agricultural operations recommenced; prospects of season generally favourable and public health good; fever and small-pox prevalent in parts; standing crops in good condition; prices—rice 11 to 16 and *ragi* 20 to 32 seers per rupee.
Berar & Hyderabad—(July 5th)		
Amráoti ...	1·48	*Kharif* sowings progressing; wheat 18 and *juari* 36 seers per rupee.
Akola ...	1·72	Sowing of *juari* commenced, that of cotton over.
Hyderabad ...	1·51	Total rainfall from 1st January 7 inches; *kharif* sowings recommenced; taluks have received small quantity of water; fever and cattle-disease prevail in two taluks; prices—wheat 14½, coarse rice 9¾, white *juari* 22½, yellow *juari* 25½, and *tur* 26½ seers per current sicca rupee.
Central India States—(July 5th)		
Indore ...	3·64; constant rain	Prospects of the *kharif* crops exceedingly favourable; health good.
Morar (Gwalior) ...	·47	Health good.
Sutna ...	2·73	Cholera at Rewah.
Rutlam ...	.....	No report received.
Neemuch ...	3·0	Health good; prices falling.
Goona ...	1·04	Health and prospects good; weather cloudy.
Bhopal ...	.....	Weather cloudy; health good.
Agar ...	2·07	Health and prospects good.
Nowgong ...	·26	*Kharif* sowings commenced; health good.
Manpur ...	2·25	Weather cloudy; sowing of *kharif* finished; health good; prices stationary.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Rajputana—		
Abu (July 5th)	3·48	Weather cloudy and sultry.
Sirohi („ 2nd)	Slight rain	Tanks dry; wells fair; health good; weather cloudy and hot.
Marwar (June 30th)	.....	Water in tanks and wells plentiful; health good; lands have been ploughed and seeds sown where sufficient rain previously fell; weather abnormally hot, close, and cloudy, but no immediate prospects of rain; prices stationary with tendency to rise.
Meywar (July 1st)	0·41	Tanks, wells, and health good; prospects very good; rain fell in time to save young crops.
Harowti („ „)	Deoli, 2·58; rain general	Ploughing operations vigorously pushed on; weather cloudy; tanks and wells filling; few cases of cholera in Tonk, elsewhere health good; prices fallen.
Jhallawar (June 28th)	1·99	Sowings progressing; health good.
Ajmere (July 4th)	1·59	Few cases of cholera; atmosphere damp.
Jeypore („ „)	1·61	Sowings begun; prices steady; health good.
Bhurtpore ...	.....	No report received.
Ulwur (July 5th)	.....	*Kharif* sowings want rain; health good.
Nepal—(June 29th)		
Katmandu ...	1·03	Transplanting of rice is being rapidly carried on; weather seasonable.

E. C. BUCK,
Secy. to the Govt. of India.

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OFFICIAL PAPERS.

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GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

CIVIL WORKS.

Irrigation.

REVENUE REPORTS OF IRRIGATION WORKS IN THE NORTH-WESTERN PROVINCES AND OUDH FOR 1880-81.

Nos. 208-22 I., dated Simla, the 29th June 1882.

RESOLUTION—By the Government of India, Public Works Department.

Read—

Letter from the Secretary to the Government of the North-Western Provinces and Oudh, No. 1150I., dated 6th May 1882, and enclosure, being the Revenue Report of Irrigation Works in the North-Western Provinces for 1880-81, and a Resolution of His Honor the Lieutenant-Governor reviewing the Report.

OBSERVATIONS.—The capital expenditure during the year under review amounted to Rs. 21,60,535, and the total outlay on Capital Account to Rs. 6,49,59,486 up to the end of 1880-81. Of this amount Rs. 5,93,89,821 have been expended on Productive Public Works, and Rs. 55,69,665 on works of irrigation and navigation chargeable to Provincial Funds.

2. The total amount of interest on capital cost of works of all kinds during the year amounted to Rs. 26,80,296, and the accumulated balance of interest charges remaining unpaid at the end of the year to Rs. 84,08,747. The unpaid balance was reduced by Rs. 3,52,297 during the year under review, the unpaid balance at the end of the year 1879-80 having been Rs. 87,61,044.

3. The actual receipts from all sources amounted to Rs. 49,38,705, the total receipts for the year 1879-80 having amounted to Rs. 53,58,105. The decrease in amount of revenue actually collected during 1880-81 is due to the collections on account of the very large "rabi" irrigation of 1878-79 (which are shown as receipts of 1879-80) having been much in excess of those on account of "rabi," 1879-80, which appear in the receipts of 1880-81.

4. A juster estimate of the results of the year's operations will, however, be obtained by a comparison of its assessed revenue with that of previous years, although the transfer of the two terminal divisions of the Upper to the Lower Ganges Canal, and the rapid extension of irrigation on the latter make fair comparison either of results obtained from the two great canals or of total results

very difficult. The assessments of 1880-81 are compared below with those of the two previous years:—

Year.	Direct revenue assessed.	Indirect share of land revenue.	Total.
	Rs.	Rs.	Rs.
1880-81	44,94,306	9,50,747	54,45,053
1879-80	37,26,528	9,65,955	46,92,483
1878-79	42,47,274	10,77,701	53,24,975

When it is remembered that 1878-79 was a year of drought in the North-Western Provinces, when the rains commenced late and ceased early in September, the effect on the revenue of the new channels and extensions is very apparent.

5. The working expenses, including indirect charges, amounted to—

Year.	Working Expenses.
	Rs.
1880-81	19,06,112
1879-80	18,39,611
1878-79	16,12,172

The increase in cost of maintenance during 1880-81 is partly due to increase of maintenance charges on the new canals and extensions, and partly to the heavy outlay on repairs necessitated by the extraordinary floods of September 1880. The increase would have been much greater, but for a large decrease in establishment charges amounting to Rs. 2,17,106, due to the large reductions in the Engineer establishment carried out at the close of the previous year.

6. The net assessed revenue, after deduction of all working expenses for each of the three years, amounted to—

Year.	Net revenue.	Percentage on capital outlay to end of year.
	Rs.	
1880-81	35,38,941	5·45
1879-80	28,52,872	4·54
1878-79	37,12,803	6·11

The Lower Ganges Canal has, however, not yet had time to come into full operation, and the influence of its capital and maintenance charges is very considerable in reducing the percentage of net returns on capital invested.

The percentage of net revenue of 1880-81 upon capital outlay to end of 1880-81 upon the more important canals amounted to—

Upper Ganges Canal	5·14 per cent.
Lower Ganges Canal	4·58 „
Eastern Jumna Canal	25·26 „
Agra Canal	3·15 „

7. The areas irrigated are compared below for 1880-81 and the two previous years:—

Canals.	1880-81.	1879-80.	1878-79.
	Acres.	Acres.	Acres.
Upper Ganges	664,927	596,259	806,368
Lower Ganges	583,471	*402,365	*419,555
Eastern Jumna	235,862	240,233	291,950
Agra	141,405	57,197	123,578
Other Works	107,031	104,351	95,200
TOTALS	1,732,696	1,400,405	1,736,651

* Irrigation of the Cawnpore and Etawah Terminal Division deducted from the Upper and added to the Lower Ganges Canal in these years to facilitate comparison.

The great increase of irrigation on the Agra Canal occurred principally in the "rabi" of 1880-81, a strong demand having been met by a good supply in the river. The increase on the Lower Ganges Canal is due not only to the new channels which began to work during the "rabi" of 1880-81, but to the good and steady supply of water furnished by the Narora head to the Cawnpore and Etawah Terminal Divisions of the Upper Canal, which have been transferred to the Lower one. The average proportion of kharif to rabi irrigation during the three years 1878-79 to 1880-81 was very nearly 2:3; but it is expected that, as the irrigation of indigo is developed on the Lower Ganges Canal, the proportion of kharif irrigation will be increased. 13⅓ per cent. of the irrigated area was double cropped during 1880-81, the proportion having been almost exactly the same during the previous year.

8. The irrigating duty done and water-rate earned by each cubic foot per second of water entering the canal head, were as follows:—

Canal.	1880-81.		1879-80.		1878-79.	
	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.
Upper Ganges	173	436	189	460	239	579
Eastern Jumna	233	664	231	671	248	741
Agra	135	367	64	186	127	356

Uncertainty about correctness of the volumes shown as entering the head of the Upper Ganges Canal prevents much reliance being placed on the figures given for that canal.

A like uncertainty has led to the exclusion of the Lower Ganges Canal from the table, but no time should be lost in clearing up all doubts on the subject of the volumes discharged by these two most important canals.

The effect of the uncertain hot weather supply and the high water-rates in force on the Agra Canal is very apparent in the sudden drop in the value of a cubic foot of water in the year of good rainfall, 1879-80.

9. The maintenance charges per acre irrigated are given below for the four principal canals and the whole area irrigated:—

	Per acre irrigated. Maintenance charge, 1880-81.
Upper Ganges Canal	1·33
Lower Ganges Canal.	0·75
Eastern Jumna Canal	0·92
Agra Canal	1·55
Whole area irrigated	1·10

The close coincidence of the maintenance rate per acre irrigated with that obtained in the Punjab for the same year (Rs. 1·09) is remarkable. Extraordinarily heavy floods, however, entailed unusual outlay upon repairs of the Upper Ganges, Eastern Jumna, and Agra Canals.

10. The gross receipts under head of "Navigation" during 1880-81 were Rs. 27,832 against Rs. 27,978 in the previous year; but the net income was Rs. 16,048 against Rs. 4,262 of 1879-80, owing to reduction of expenditure. Some particulars are given below of the traffic during 1880-81 and the two previous years:—

	1880-81.	1879-80.	1878-79.
Average number of boats plying	270	259	259
Average load of each boat . . . mds.	431	440	437
Number of rafts	525	358	401
Total tonnage . . . tons	65,322	60,914	73,231
Total ton-mileage . . . „	7,899,401	7,531,624	10,687,507

The passenger traffic is quite insignificant, only 83 passengers having been registered during 1880-81.

The Government of India will be glad to hear of the completion of the connection between the Ganges Canal and the Sind, Punjab and Delhi Railway by the proposed siding at Muradnagar.

11. The cost of collecting the canal water-rates as given on page 13A of the Report, *viz.*, 3·30 per cent. of collections made in the districts watered by the Upper Ganges Canal, is very moderate. A similar return should either be furnished for all canals, or a general statement be given in the Chief Engineer's review, showing all charges in the Civil Department on account of canal collections. The statement in paragraph 6 of the Chief Engineer's review for 1880-81 gives only the amounts paid as fees to patwaris and lumbardars, omitting charges on account of establishment and contingencies.

12. The state of the uncollected balances is especially satisfactory in respect of the nominal balances outstanding on account of years previous to 1880-81.

13. The reports furnished on the effects of the various drainage works which have already been carried out are very interesting, and observations should be continued on the spring levels and areas affected by "reh" in the canal-irrigated tracts.

ORDER.—Ordered, that a copy of this Resolution and of the Report and Resolution by the Local Government be forwarded to the Secretary of State and to the Finance and Commerce and Revenue and Agricultural Departments of the Government of India for information.

The Governments of Madras, Bombay, Bengal, and the Punjab.
The Chief Commissioners, Central Provinces, British Burmah, and Assam.
The Resident at Hyderabad.
The Agents to the Governor General, Central India and Rajputana.

Also, that a copy of this Resolution be forwarded to the Government of the North-Western Provinces and Oudh, Public Works Department, for information and guidance, and to the Local Governments and Administrations noted in the margin, in the Public Works Department, for information, and to the Foreign Department for communication to the Government of Mysore.

Also, that this Resolution and the Resolution of the Local Government be published in the Supplement to the *Gazette of India*.

H. A. BROWNLOW, *Colonel R.E.*,
Deputy Secretary to the Govt. of India.

No. 883 I., dated Allahabad, the 6th April 1882.

RESOLUTION—By His Honor the Lieutenant-Governor, N.-W. Provinces and Oudh.

The area irrigated during the year was 1,732,695 acres, or only 4,000 acres less than that watered in 1878-79, when the demand for irrigation was abnormally high on account of the drought.

The value of the crops grown on the above area is estimated at nearly 561 lakhs of rupees, or an average of Rs. 33 per acre.

2. The net income was Rs. 35,38,941 or 5·45 per cent. on the total invested capital of Rs. 6,49,59,486, the interest charge on this amount being Rs. 26,80,296; there was thus a clear surplus of Rs. 8,58,645 after paying all expenses.

Considering that 237 lakhs of the above capital is sunk on the Lower Ganges Canal, a work which is still incomplete and as yet contributes inadequately to the revenue, the Lieutenant-Governor considers that the financial results of the year may be looked on as very satisfactory.

3. Sir George Couper also notes with satisfaction the improvement in the returns of the Agra Canal, and is glad to hear that the prospects of this work are better than they were considered to be in 1879.

4. Benefit has on the whole been derived from the drainage works undertaken during the last few years, especially in the Meerut and Aligarh Divisions. The effect produced in the lower districts by these artificial increments to the natural floods must be carefully watched, and His Honor desires that this point will receive most serious consideration.

J. G. FORBES, *Lieut.-Colonel, R.E.*,
Joint Secy. to Govt., N.-W. Provinces and Oudh, P. W. D., Irrigation Branch.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

RAILWAY TRAFFIC.

No. XXIV OF 1882.

APPROXIMATE STATEMENT OF GROSS RECEIPTS AND EXPENSES OF INDIAN RAILWAYS.

Latest return received.	Railways.	Total mean length open.	Receipts for week ending 18th June 1881. Total.	Per mile open	Total mean length open.	Receipts for week ending 17th June 1882. Total.	Per mile open.	Total Receipts from 1st April to 18th June 1881. Total.	Per mile open per week.	Total Receipts from 1st April to 17th June 1882. Total.	Per mile open per week.	Total Increase in 1882-83.	Total Decrease in 1882-83.
	Guaranteed.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
17th June 1882	Eastern Bengal ...	172	63,313	368	172	66,381	386	7,01,992	353	7,73,446	404	71,454	...
17th ditto ...	Oudh and Rohilkhund	547	77,742	142	547	95,826	175	11,43,455	185	12,88,788	211	1,45,333	...
17th ditto ...	Sind, Punjab & Delhi	676	1,40,169	207	676	2,03,571	301	20,77,368	272	22,04,928	293	1,27,560	...
17th ditto ...	Madras ...	858	1,29,506	151	858	1,37,810	161	13,28,559	137	15,27,323	160	1,98,764	...
17th ditto ...	South Indian ...	655	74,453	114	655	89,087	136	8,41,034	114	8,84,135	121	43,101	...
24th ditto ...	Great Indian Peninsula	1,448	5,60,845	387	1,458	4,47,948	307	83,55,563	511	97,65,269	605	14,09,706	...
17th ditto ...	Bombay, Baroda and Central India ...	444	2,23,805	504	461	2,21,052	480	30,74,810	614	30,01,041	584	...	73,769
	TOTAL ...	4,800	12,69,833	265	4,827	12,61,675	261	1,75,22,781	323	1,94,44,930	362	19,22,149	...
	State.												
17th June 1882	East Indian ...	1,504	7,47,216	497	1,507	8,76,618	581	95,23,394	560	1,00,29,162	597	5,05,708	...
17th ditto ...	Calcutta and South-Eastern ...	28	2,692	96	33	2,318	70	30,102	95	36,684	118	6,582	...
17th ditto ...	Nalhati ...	27	1,345	50	27	1,371	51	14,559	48	15,700	52	1,141	...
17th ditto ...	Northern Bengal ...	231	27,118	117	233	35,190	151	3,27,447	125	4,01,125	155	73,678	...
17th ditto ...	Tirhoot ...	82	14,355	175	85	10,675	126	1,46,515	158	1,49,094	157	2,579	..
17th ditto ...	Patna-Gya ...	57	7,691	135	57	7,778	136	1,03,872	162	1,08,961	171	5,089	...
24th ditto ...	Muttra-Hathras ...	29	2,283	77	29	1,678	58	28,857	87	27,044	84	...	1,813
24th ditto ...	Cawnpore-Furrakhabad	86	4,673	54	86	5,640	66	58,801	61	72,630	76	13,829	...
17th ditto ...	Dildarnagar-Ghazipur	12	905	75	12	880	73	11,788	87	12,942	97	1,154	...
24th ditto ...	Rajputana-Malwa ...	1,016	1,82,886	180	1,117	1,90,720	171	21,00,720	183	24,62,273	198	3,61,553	...
17th ditto ...	Wardha Coal ...	45	14,128	314	45	7,553	168	1,02,093	201	1,43,831	287	41,738	...
17th ditto ...	Nagpur & Chhattisgarh	53	3,448	65	98	5,297	54	82,566	111	1,92,867	176	1,10,301	...
24th ditto ...	Rangoon and Irrawadi Valley ...	161	21,806	135	161	23,725	147	3,87,816	213	3,86,798	216	...	1,018
17th ditto ...	Sindia ...	78	5,455	70	75	4,989	67	66,130	80	70,213	84	4,083	...
17th ditto ...	Punjab Northern ...	363	57,931	160	412	54,766	133	7,30,927	178	6,54,082	148	...	76,845
24th ditto ...	Indus Valley and Kandahar ...	660	66,939	101	660	1,00,047	152	11,66,289	157	9,77,592	133	...	1,88,697
24th ditto ...	Muttra-Achnera ...	...	...	...	23	828	36	...	...	13,042	51	13,042	...
	TOTAL ...	2,928	4,13,605	141	3,153	4,53,450	144	53,57,982	162	57,24,878	164	3,66,896	...
	Native States.												
17th June 1882	Bhavnagar-Gondal ...	192	20,567	107	194	14,694	76	2,60,095	120	2,95,061	136	34,966	...
17th ditto ...	Nizam's ...	121	18,372	152	121	14,020	116	1,89,687	139	1,84,439	136	...	5,248
3rd ditto ...	Mysore ...	58	2,825	49	...	(a)...	...	(b)23,862	44	(c)44,522	57	20,660	...
	TOTAL ...	371	41,764	113	315	28,714	91	4,73,644	113	5,24,022	118	50,378	...
	GRAND TOTAL ...	9,603	24,72,418	257	9,802	26,20,457	267	3,28,77,801	302	3,57,22,932	325	28,45,131	...
	GROSS ESTIMATED EXPENSES ...	...	...	...	...	...	...	1,54,52,566	142	1,71,47,007	156	...	...
	NET RECEIPTS ...	...	...	...	...	...	...	1,74,25,235	160	1,85,75,925	169	11,50,690	...

(a) Return not received.
(b) Total receipts from 1st April to 4th June 1881.
(c) Total receipts from 1st April to 3rd June 1882.

F. FIREBRACE, *Major, R.E.*,
Under Secretary.

SIMLA,
The 8th July 1882.

GOVERNMENT OF INDIA.

DEPARTMENT OF FINANCE AND COMMERCE.

SUPPLEMENT TO THE STATEMENT OF PRICES CURRENT OF FOOD-GRAINS FOR THE 1st HALF OF JUNE 1882, PUBLISHED IN PAGES 924, 925, 932 AND 933 OF THE SUPPLEMENT TO THE "GAZETTE OF INDIA," DATED 8th JULY 1882.

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

PROVINCES.	DISTRICTS.	Wheat.			Barley.			Rice. Best sort.			Rice. Common.			Great Millet (Cholum, Jowar), *Holcus Sorghum.*			Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.*			Lesser Millets, Ragi, &c. (Kavaru, Veragoo, Sawee, Cheena, Coraloo, Murhwa, Nuglee, &c.), *Panicum Miliaceum, Eleusine Coracana,* &c.			Gram.			Firewood.			Salt. Wholesale.			Salt. Retail.		
		Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.
		S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.
MADRAS.	Ganjam	11 13	11 13	14 6	...	...	...	17 13	17 13	17 13	19 10	19 10	19 8	...	...	...	...	...	...	35 3	35 3	33 14	26 10	23 5	40 11	215 13	215 13	215 13	...	...	...	13 13	13 13	12 0
	Vizagapatam	10 8	11 0	15 0	...	...	...	9 0	9 0	13 6	11 5	11 5	15 3	22 11	23 13	24 13	21 13	22 13	29 11	23 13	25 3	31 5	24 10	24 10	35 2	93 5	93 5	87 8	15 3	15 3	11 11	14 10	14 0	10 8
	Godavery	11 11	10 13	12 10	...	...	...	13 14	14 13	12 14	18 0	18 0	17 0	29 13	29 13	...	...	...	...	33 11	34 10	36 6	26 3	27 5	39 14	194 6	194 6	160 6	14 10	14 10	12 8	14 10	14 10	12 8
	Kistna	14 11	14 11	15 3	...	...	...	15 2	17 5	17 13	16 5	17 14	18 8	25 0	18 11	21 13	...	...	...	35 5	35 5	38 3	25 10	27 6	29 2	145 13	145 13	145 13	16 5	16 5	13 2	15 11	15 11	12 13
	Nellore	14 6	14 6	12 10	...	...	...	15 13	15 13	14 5	18 0	...	15 0	33 10	33 10	28 13	...	...	...	36 6	36 6	30 14	28 5	28 5	26 3	186 10	93 5	93 5	14 13	14 13	13 3	14 13	14 13	12 11
	Cuddapah	14 11	14 11	15 6	...	...	...	12 6	12 6	11 8	14 2	14 2	12 14	28 6	30 0	30 13	30 6	30 6	32 10	31 8	31 8	34 8	31 0	33 8	35 5	194 6	194 6	194 6	16 10	16 10	14 13	16 3	16 3	14 6
	Anantapur	14 6	14 6	11 8	...	...	...	15 0	15 0	13 14	16 3	16 3	15 2	33 0	33 0	37 2	18 13	18 13	18 13	31 0	31 0	36 14	35 13	35 13	40 5	...	...	...	14 5	14 5	11 14	14 5	14 5	11 14
	Bellary	17 5	18 3	14 6	...	...	...	12 5	12 5	12 13	13 8	13 8	14 0	30 14	33 0	40 3	24 6	26 5	33 14	29 2	31 0	42 11	28 0	28 0	38 2	97 3	97 3	97 3	15 8	15 8	13 6	14 14	14 14	13 2
	Kurnool	14 10	15 3	12 11	...	...	...	10 10	11 0	11 0	11 6	11 13	11 13	27 6	32 3	31 8	27 8	27 8	32 8	...	...	...	27 0	27 0	30 0	194 6	202 3	199 5	14 6	14 6	12 8	14 0	14 0	12 2
	Madras	11 0	10 13	9 2	...	...	...	14 3	14 3	13 11	15 8	15 13	14 14	23 0	24 8	23 0	26 6	26 6	23 6	28 13	29 6	26 14	26 2	27 5	30 10	81 6	81 6	80 3	16 11	16 8	14 6	16 3	16 0	13 14
	Chingleput	...	...	...	...	...	...	15 6	16 8	15 6	16 10	17 0	16 2	...	...	...	...	...	26 2	28 13	28 13	25 0	24 13	25 0	29 10	92 5	92 5	77 13	17 0	16 5	13 14	16 5	15 14	13 10
	North Arcot	11 0	11 14	11 0	...	...	...	15 14	17 3	16 13	16 14	18 13	18 13	32 13	34 10	23 11	30 8	30 8	29 11	34 3	34 3	32 8	26 10	29 8	37 6	140 0	140 0	140 0	14 5	15 6	12 11	14 13	14 13	12 5
	South Arcot	10 2	10 2	9 6	...	...	...	15 3	16 2	15 11	16 3	18 6	16 10	33 10	33 10	33 10	27 5	27 11	27 5	28 10	29 13	29 13	28 6	33 13	31 2	201 11	201 11	199 5	19 5	19 5	15 5	18 14	18 14	14 13
	Tanjore	11 0	11 0	11 0	...	...	...	18 5	17 13	16 10	...	...	...	...	38 3	30 3	31 14	31 14	30 6	39 5	39 5	33 3	31 8	32 6	31 8	194 6	194 6	194 6	15 10	15 10	12 14	15 10	15 10	12 14
	Trichinopoly	9 10	9 10	10 10	...	...	...	15 13	16 10	15 8	16 5	17 0	15 14	28 0	...	33 10	27 14	29 3	26 11	31 6	32 11	31 6	33 14	35 6	32 5	97 3	97 3	97 3	17 0	17 0	13 13	16 3	16 3	12 14
	Madura	12 8	13 5	13 10	...	...	...	16 6	15 8	13 14	16 14	16 8	14 8	29 3	29 3	28 5	33 6	32 5	30 14	34 2	32 8	32 3	42 11	42 11	39 3	145 13	145 13	145 13	16 10	16 10	17 8	13 8	16 6	17 5	13 2
	Tinnevelly	9 3	9 3	8 14	...	...	...	16 5	15 14	11 14	16 13	16 13	12 6	...	...	...	...	...	...	...	...	...	29 11	29 6	27 2	81 10	81 10	76 13	18 11	18 11	14 13	18 5	18 5	14 5
	Coimbatore	12 5	13 2	16 6	...	...	...	14 6	14 13	14 6	15 6	15 6	15 6	28 11	24 6	26 2	35 0	35 0	33 6	29 8	29 8	34 6	30 6	30 6	47 8	131 3	131 3	131 3	15 2	15 2	12 3	14 10	14 10	11 11
	Nilgiris	...	...	9 14	...	...	...	...	...	...	10 6	...	...	...	...	20 6	...	...	21 0	...	...	21 10	...	...	26 8	...	...	121 8	...	...	9 3	...	...	9 3
	Salem	12 11	13 10	13 10	...	...	...	15 0	15 0	14 0	16 0	16 0	16 0	27 5	27 5	27 5	28 14	22 14	26 3	30 13	30 13	30 13	39 6	39 6	39 6	151 10	151 10	151 10	16 6	16 6	14 5	15 0	15 6	13 5
	South Canara	8 10	10 5	10 5	...	...	...	9 11	9 11	8 11	13 11	13 11	14 11	...	...	...	...	...	...	22 0	19 6	20 3	21 3	21 3	23 3	116 10	116 10	109 5	11 0	15 3	12 6	10 0	14 3	11 5
	Malabar	7 3	7 3	10 2	...	...	...	15 0	15 3	16 3	15 6	15 13	17 0	...	...	...	...	...	...	20 6	20 6	23 6	25 3	26 0	33 10	121 8	121 8	121 8	14 6	14 6	10 13	13 8	13 8	9 14
BOMBAY.	Bombay	10 4	10 7	11 6	16 14	16 14	19 11	7 10	7 10	7 4	12 13	12 2	11 7	18 7	17 13	21 4	15 9	14 10	17 9	14 1	14 1	12 0	17 3	16 9	18 8	54 9	61 7	61 7	14 5	14 5	12 9	14 5	14 5	11 2
	Ahmedabad	12 8	12 8	15 8	...	...	31 0	6 8	6 8	8 8	0 8	0 8	0 13	0 17	0 17	0 30	0 14	0 14	8 22	0 ...	...	...	20 0	20 0	23 0	80 0	80 0	80 0	16 8	16 8	13 8	16 0	16 0	13 4
	Kaira	11 7	11 7	13 14	20 0	20 0	29 1	9 2	9 2	9 2	14 9	14 9	13 14	16 0	16 0	22 1	14 0	14 0	18 13	...	...	...	19 0	20 0	22 14	80 0	80 0	80 0	0 ...	...	...	16 0	16 0	12 13
	Surat	13 6	13 6	13 10	5 6	5 6	7 7	7 7	7 7	6 13	8 5	8 5	8 5	15 9	15 9	18 11	11 13	11 13	17 13	...	...	...	14 14	14 14	17 13	80 0	80 0	80 0	13 10	13 10	11 7	13 10	13 10	11 7
	Broach	12 5	12 5	16 0	...	...	...	9 6½	9 6½	8 14½	12 9	12 9	11 6½	16 0	15 4	17 12	15 4	15 4	17 12½	...	...	...	16 0	16 0	20 0	106 0	106 0	106 0	15 4	15 4	12 12½	15 4	15 4	12 12½
	Tanna (Salsette)	9 3	10 5	11 11	...	...	...	8 3	10 0	6 14	10 0	11 4	11 4	18 10	18 10	16 4	15 0	16 6	18 0	25 11	28 0	15 4	15 14	14 1	15 10	71 1	71 1	71 1	14 5	14 5	10 2	12 12	13 4	10 2
	Colába (Alibág)	10 0	10 0	12 0	...	...	...	7 0	7 8	6 12	12 8	15 8	13 8	...	...	...	...	...	...	...	...	...	14 0	14 0	15 12	120 0	120 0	110 0	14 0	15 0	13 0	13 0	14 0	12 8
	Khandesh (Dhulia)	14 9	14 9	19 0	...	...	...	7 4	7 4	7 4	10 15	10 15	10 15	23 13	24 10½	28 14½	18 14½	20 14½	18 11	...	...	...	15 15	15 14	26 1	140 0	140 0	140 0	15 6	15 6	13 2	15 0	15 4	13 0
BOMBAY.	Násik	15 8	15 8	17 2	...	...	...	7 7	7 7	7 7	7 13	0 12	0 11	15 ...	...	26 10	21 3	21 3	20 7	30 0	30 0	27 0	18 0	18 0	25 8	128 0	128 0	115 0	14 6	14 6	12 14	14 2	14 2	12 12
	Ahmednagar	14 11	14 4	18 8	...	...	...	10 2	9 11	8 8	13 13	13 13	6 10	8 26	9 26	4 36	2 23	2 23	4 26	14 ...	...	...	20 1	20 9	26 0	91 5	91 5	106 4	14 9	15 2	12 14	14 7	15 0	12 12
	Poona	12 10	12 10	13 13	...	...	...	11 0	11 0	8 9	12 4	12 4	11 0	21 12	23 15	21 12	18 6	18 6	18 6	...	...	...	18 6	18 6	20 11	68 0	76 0	76 0	13 10	13 10	12 8	13 6	13 6	12 4
	Sholápur	13 2	13 2	17 3	...	...	...	10 15	11 6	11 7	11 5	12 7	12 5	31 8	32 12	34 8	28 7	23 6	30 5	...	...	...	21 7	21 14	26 0	80 0	98 0	91 6	13 12	13 12	11 10	13 8	13 8	11 4
	Kaládgi (Bagalkot)	20 12	21 0	17 8	15 0	15 0	17 8	6 8	8 8	8 8	12 9	0 9	12 9	12 33	0 33	0 28	0 31	0 31	0 35	0 ...	...	...	16 0	16 0	17 12	100 0	110 0	112 0	11 12	12 0	10 0	11 0	11 0	9 12
	Satara	12 1	12 1	14 11	...	...	...	9 11	9 11	9 5	11 7	11 7	11 7	25 5	25 5	25 4	22 0	22 0	23 4	...	...	...	15 10	15 10	16 14	110 15	137 1	137 15	12 6	13 13	12 6	11 10	13 2	11 10
	Belgaum	19 0	19 0	18 0	12 0	11 8	11 8	10 0	10 8	11 0	11 0	11 8	11 8	26 0	25 0	27 0	24 0	24 0	30 0	35 0	35 0	14 8	16 8	18 0	80 0	80 0	80 0	80 0	16 8	16 8	13 8	16 0	16 0	13 4
	Dharwar (Hubli)	21 0	21 0	24 0	...	...	...	10 0	10 0	14 0	11 0	11 0	17 0	24 0	23 0	43 0	23 0	23 0	42 0	28 0	28 0	49 0	12 0	13 0	21 0	80 0	80 0	80 0	8 12	9 8	8 12	8 0	9 0	8 0
	Ratnágiri	10 9	10 9	10 9	...	...	...	8 9	8 9	9 9	13 7	14 2	12 11	18 3	20 13	20 13	14 11	14 11	14 11	21 2	21 2	18 13	14 0	14 0	16 13	120 0	150 0	165 0	11 13	11 13	10 6	11 10	11 10	10 6
	Kanara (Karwar)	9 0	12 8	13 0	...	...	...	8 0	8 0	8 0	12 0	13 0	16 0	16 0	18 0	21 6	...	18 0	16 0	21 0	22 0	23 6	12 0	13 0	14 0	213 5	213 5	213 5	13 4	13 4	10 6	11 10	11 10	10 6
	Pánch Mahals (Godhra)	11 6	11 6	13 5	...	...	...	11 6	11 6	11 6	15 0	15 0	16 0	22 8	26 10	40 0	16 0	16 0	26 10	23 0	23 0	40 0	25 0	26 10	32 0	200 0	200 0	200 0	16 0	16 0	...	15 4	15 4	11 6
	Aden	8 0	8 0	8 0	...	...	...	6 3	6 3	6 3	7 0	7 0	7 0	11 3	11 3	5 9	5 9	5 9	5 8	0 ...	...	...	9 5	9 5	9 5	65 5	65 5	65 5	5 ...	...	...	32 0	32 0	32 0
	Asirgarh	14 0	14 6	17 0	...	...	...	11 4	11 0	10 0	12 7	12 6	12 0	24 0	24 13	28 12	24 0	25 0	30 0	...	...	...	20 0	20 2	28 0	160 0	160 0	160 0	12 4	12 14	10 0	12 4	12 14	10 0
	Baroda	9 12½	10 7	11 7	14 0	13 13½	22 14	8 12	8 12	8 0	11 10½	11 10½	11 7	16 0¾	16 14½	28 11	14 0	14 0	19 7	...	...	...	17 8	16 14½	19 7	75 13	93 2	86 0	14 10½	15 6	12 14	14 0¼	15 2¼	12 9
	Disa	13 4	13 8	15 12	...	...	...	6 6	6 6	6 6	8 11	8 11	8 6	18 8	18 8	25 4	16 8	17 8	22 0	...	...	...	18 8	18 8	20 4	137 8	137 8	137 8	13 8	13 8	9 0	13 0	13 0	10 8
	Nimach	13 0	13 0	19 0	16 8	16 8	25 8	8 8	8 8	8 8	10 0	10 0	10 0	9 0	17 8	17 0	16 0	18 0	21 0	...	...	...	17 0	17 8	23 12	160 0	160 0	160 0	...	...	...	11 0	11 0	8 8
	Nasirabad	15 15	16 15½	17 10½	21 11½	22 13	22 9	6 0	6 0	6 0	7 0	7 0	7 0	24 0	27 0	27 0	17 8	18 0	21 0	...	...	...	17 0	17 8	23 12	160 0	160 0	160 0	...	...	...	11 0	11 0	8 8
	Rajkot	12 2	12 0	16 8	...	...	...	6 0	6 0	5 8	11 0	11 0	10 8	14 6	14 4	5 0	12 4	12 4	21 4	...	...	...	16 0	15 12	25 8	80 0	80 0	77 8	52 8†	55 0†	50 0†	48 0	48 0	...
MYSORE.	Bangalore	11 14	11 12	14 5	12 14	13 4	15 8	10 0	10 2	10 7	11 7	11 5	11 15	25 0	25 9	27 12	...	...	...	25 8	24 8	32 8	29 8	30 8	37 8	84 0	84 0	84 0	12 4	12 12	10 8	11 11	12 8	10 0†
	Kolar	...	...	...	12 0	11 2	12 0	13 2	12 14	11 14	15 3	15 3	14 15	...	...	...	...	...	...	31 0	31 0	39 3	31 6	34 3	44 7	172 6	172 6	172 6	12 4	13 8	11 5	12 0	13 3	11 1†
	Túmkúr	14 8	14 8	15 8	13 0	13 0	16 0	12 0	12 0	12 8	12 8	12 8	14 0	...	...	...	...	...	...	32 0	33 0	47 0	36 0	36 0	47 0	340 0	340 0	340 0	11 0	11 0	12 8	10 8	10 8	12 0§
	Mysore	11 0	11 0	11 1	...	...	...	10 0	10 8	11 7	10 12	11 0	11 12	...	...	...	...	...	...	19 0	18 0	22 2	27 0	27 0	35 0	72 0	84 0	84 0	8 4	8 4	7 12	8 0	8 0	7 8††
	Hassan	12 0	13 0	15 0	13 0	14 0	16 0	10 0	10 0	13 0	11 0	10 8	14 0	...	...	...	...	...	...	23 0	22 0	38 0	26 0	24 8	32 0	600 0	600 0	600 0	..	...	...	8 0	8 8	8 0††
	Shimoga	14 11	14 11	14 11	15 12	15 12	16 13	10 8	10 8	13 10	14 3	13 10	16 13	25 4	27 5	50 6	...	...	...	28 14	28 14	55 10	26 4	29 6	44 2	480 0	480 0	480 0	10 8	10 8	...	9 7	9 7	8 15††
	Kadur	16 0	16 0	14 0	15 0	15 0	0 ...	12 0	10 0	18 0	14 0	13 0	19 0	...	...	...	...	...	...	24 0	22 0	42 0	22 0	22 0	32 0	64 0	64 0	60 0	...	...	...	10 0	8 0	9 0††
	Chitaldroog	16 0	16 0	16 0	18 0	16 0	20 0	11 0	11 0	12 0	12 0	12 0	13 0	32 0	32 0	60 0	28 0	28 0	48 0	32 0	37 0	53 10	28 0	28 0	48 0	100 0	100 0	100 0	12 0	12 0	16 0	12 0	12 0	16 0§
RAJPOOTANA.	Bikaneer	13 4	12 2	10 0	...	...	...	3 1	3 1	2 14	6 8	6 12	6 8	...	...	...	18 8	20 0	13 0	...	...	...	15 0	15 0	13 6	...	...	...	...	...	...	11 8	11 8	11 8
CENTRAL INDIA.	Indore	14 2	14 1	24 0	...	...	...	8 9	8 9	8 0	10 0	10 0	8 9	20 0	19 3	43 9	20 0	20 0	13 30	0 ...	...	...	18 0	17 12	27 7	100 0	100 0	100 0	11 0	11 0	...	10 0	10 0	7 8
	Gwalior	15 7	16 4	16 9	21 0	21 9	20 2	7 5	7 5	6 10	9 10	9 10	9 6	20 2	21 0	19 3	15 9	16 7	15 9	...	...	...	21 1	19 11	18 4	109 8	109 8	127 12	...	...	...	11 5	11 9	9 10
	Goona	21 0	22 8	26 8	17 0	19 0	20 0	9 8	9 8	9 8	9 8	10 0	10 0	10 0	24 0	27 0	36 0	17 0	19 0	20 0	...	...	24 3	27 0	33 8	200 0	200 0	200 0	12 0	12 0	...	11 8	11 6	10 0
	Baghelkhand (Sutna)	21 0	22 8	22 5	33 12	35 0	33 6	8 0	7 8	9 0	18 14½	21 0	19 5	35 0	35 0	28 0	24 0	25 0	20 0	...	...	...	30 0	33 8	28 0	160 0	160 0	160 0	12 8	12 8	...	11 12	11 12	10 7

* Sambhur Salt. † Common. ‡ Sea Salt. § Earth Salt.

DEPARTMENT OF FINANCE AND COMMERCE,
(*Statistical Branch.*)

D. M. BARBOUR,
Offg. Secretary to the Government of India.

GOVERNMENT OF INDIA.

HOME DEPARTMENT.

ISSUE OF PASSPORTS TO PILGRIMS PROCEEDING FROM INDIA TO THE HEDJAZ.

No. $\frac{4}{198\text{-}214}$

Extract from the Proceedings of the Government of India, in the Home Department, (Sanitary),—dated Simla, the 12th July 1882.

READ again the following papers regarding the issue of passports to pilgrims proceeding from India to the Hedjaz, and the rules for regulating their distribution:—

Despatch from Secretary of State, No. 61, dated 8th July 1875.
„ to Secretary of State, No. 17, dated 2nd July 1877.
„ from Secretary of State, No. 100, dated 22nd July 1880.
„ „ „ 112, dated 12th August 1880.
„ „ „ 161, dated 11th November 1880.
„ „ „ 42, dated 3rd March 1881.
„ „ „ 103, dated 7th July 1881.
„ to Secretary of State, No. 126, dated 2nd October 1881.
Circular to Local Governments, No. 1914-E.P., dated 24th August 1881.
Despatch from Secretary of State, No. 117, dated 29th September 1881.
From Punjab, No. 2026, dated 15th September 1881.
„ British Burma, No. 6537, dated 20th September 1881.
„ Bombay, No. 3100, dated 20th September 1881.
„ Rajputana, No. 1895, dated 22nd September 1881.
„ Bengal, No. 1672, dated 30th September 1881.
„ Hyderabad, No. 84, dated 1st October 1881.
„ **Madras, No. 1348, dated 5th October 1881.**
„ **North-Western Provinces, No. 160, dated 4th March 1882.**
Circular to Local Governments, &c., No. 2644, dated 8th November 1881.
From Government of Madras, No. 550, dated 29th November 1881.
„ „ **of Bombay, No. 517, dated 11th February 1882.**
„ „ **of Bengal, No. 105P., dated 16th January 1882.**
„ „ **of North-Western Provinces and Oudh, No. 227, dated 5th April 1882.**
„ „ **of Punjab, No. 112, dated 25th January 1882.**
„ **Chief Commissioner of the Central Provinces, No. 4253-230, dated 19th November 1881.**

RESOLUTION.

1. The proposal to grant passports to pilgrims from India to the Hedjaz, which had previously occupied the serious attention of the Government of India in connection with the question of alleviating the hardships attending the journey, was revived by an enquiry from Her Majesty's Government in July 1875, whether the Government of India could suggest any means of mitigating the sufferings of the poorer class of Muhammadans who undertook the pilgrimage. Her Majesty's Consul at Jeddah was at that time in favour of introducing a system similar to that pursued by other Governments of granting upon certain conditions a passport to every pilgrim.

2. The Government of India took the subject into careful consideration, and after consulting the Local Governments decided that, with the strongest desire to relieve the discomforts and sufferings to which at present pilgrims to Mecca are subjected, it was unadvisable to impose upon their movements any restrictions which might be liable to misconstruction. A reply was accordingly sent to the Secretary of State on the 2nd July 1877, to the effect that, in concurrence with the views of the local authorities, the Governor General in Council was opposed to any direct interference on the part of Government with what is considered to be a religious obligation by a large section of the Muhammadan community in India, and accordingly deprecated the introduction of a system of passports or licenses, or any other similarly restrictive arrangements.

3. In consequence of this determination, no further action was then taken in the matter, and the question remained in abeyance until July 1880, when the Government of India received an intimation from the Secretary of State that the Turkish Government had issued orders requiring passports in future for all passengers and pilgrims arriving in Jeddah, whether Turkish or Foreign subjects, and announcing that those who came unprovided with such documents would be liable to be repelled from the ports of the Hedjaz.

4. It therefore became necessary, in order to prevent Indian pilgrims from encountering the risk of being turned back on their arrival in Turkish ports, that the Government of India should take measures to provide their Muhammadan subjects with passports, and it only remained to consider how best to give effect to the requirements of the Turkish Government without interfering more than was absolutely necessary with the freedom of movement and action previously enjoyed by Indian pilgrims. With this object a circular was sent to Local Governments and Administrations explaining the Regulation published by the Porte, and asking for opinion upon the following points:—

(i) the question of charging a small fee on passports in order to raise a fund to be devoted to giving assistance to needy and impoverished pilgrims;

(ii) the plan of issuing passports, not only at the ports of embarkation, but also in every district in British India, and in the Native States;

(iii) the necessity of appointing pilgrim agents at Indian seaports to facilitate the embarkation of pilgrims, and to afford them all possible information and aid.

5. The reports received in reply made it clear that, although a small minority, including some Muhammadan gentlemen of position and experience, were in favour of levying a fee upon each passport issued, the weight of opinion was opposed to such a measure, not only as being liable to misinterpretation, and calculated to give rise to erroneous impressions, but also on the ground that it would still further increase the already heavy expenditure which the pilgrimage entails. In deference to these views it has been decided that passports shall be distributed, in the form annexed to this Resolution, free of any charge; and also, for similar reasons, that no deposit or other guarantee of the ability of the grantee to discharge the cost of his journey in Arabia or of his return journey shall be exacted by this Government.

6. Further, with a view to making the new Turkish regulations as little irksome as possible to natives of India proceeding to the Hedjaz on pilgrimage, it has been resolved that passports shall be unconditionally given to every intending pilgrim not only at the ports of embarkation, but also at the central stations of every district in British India, and at the head-quarters of all Political Agencies in Native States. Thus it will be left to the option of the pilgrim to take his passport either in his own district or at the port from which he starts, as he may find most convenient.

7. With regard to the proposal to appoint pilgrim agents at the several ports of embarkation, it has been represented to the Government of India that, as a general rule, the local authorities empowered to carry out the provisions of the Native Passenger Ships Act (No. VIII of 1876) can satisfactorily discharge the duties that would devolve upon these officers. With this opinion the Governor General in Council concurs. But in consideration of the very large numbers of pilgrims who annually embark at, and return to, Bombay, and the necessity of making some special arrangements to meet their requirements, it is proposed to appoint a Protector of Pilgrims at that port. He will be a Muhammadan, and will work in subordination to the Commissioner of Police. His duties will be to issue passports to all applicants; to aid them in procuring the necessary equipment for the voyage; to bring to notice the existence of any epidemic disease among them; and generally to give them all the information and assistance within his power in respect of every matter connected with their pilgrimage. The Bombay Government will be requested to make proposals for the pay and establishment of this officer whose employment on this special work will only be necessary for a portion—about 6 months—of the year.

8. The last point which has engaged the attention of the Government of India in connection with this subject is the question of providing passports

and making arrangements for the subjects of other Governments, *e.g.*, natives of Kashgar, Russian Turkistan, Afghanistan, &c., who embark for Mecca from Indian ports, similar to those introduced for the benefit of British Indian subjects. The numbers of this class of pilgrims are not large, and it has been ascertained that in their passage through British territory they have uniformly comported themselves in quiet and orderly fashion. At the same time they have no right to represent themselves as British subjects, or to receive passports as such. Nevertheless, in accordance with the rules and principles which always guide the action of the Government in such matters, it has been determined to facilitate the embarkation of such foreigners at Indian ports, and possibly their debarkation at those in the Red Sea, by granting them informal passes in the form appended to this Resolution as form B. These passes will not be compulsory, and their issue will be subject to the payment of a small fee of Rs. 2. They will be granted on application at Bombay by the Protector of Pilgrims; at other ports by the Commissioner of Police. It should be clearly explained at the time of issue that they impose no responsibility upon the Government of India in regard to the holder, nor can that Government in any way guarantee their recognition by the officials of the Turkish or any other Foreign Government.

9. The forms of passport to be granted to Indian subjects, and of the informal pass for aliens, are marked respectively A and B, and are appended to this Resolution. The latter, which is translated into both Urdu and Arabic, needs no remarks. On the reverse of the former explanatory instructions are printed in the same languages for the guidance of the pilgrims and the information of all concerned. These instructions are simple and self-explanatory. In the column for "General Remarks" attention may be drawn to the social position of persons of rank receiving passports. This may prove useful to them in the Hedjaz.

10. In order to secure as far as possible that Indian pilgrims to the Hedjaz are properly treated after landing, and to assist them in making arrangements for their return passage, the Governor General in Council has, with the approval of the Secretary of State, decided to appoint a Muhammadan gentleman to act as Vice-Consul at Jeddah. It is anticipated that this officer will take up his duties before the commencement of the next pilgrim season.

ORDER.—Ordered, that a copy of the above Resolution be forwarded to all Local Governments, Administrations and to the several Departments of the Government of India for information and guidance. Also that it be published in the *Gazette of India* and in all local Gazettes for general information. Local Governments are requested to arrange for its early translation and publication in all Vernacular Gazettes.

2. Local Governments are also requested to apply without delay for as many copies of the passports and passes as they may require to the Officiating Secretary to the Government of India in charge of the Home Department at *Calcutta*.

A.

Registered No.

BRITISH CONSULATE, JEDDAH.

PILGRIM'S PASSPORT.

GOVERNMENT OF INDIA.

Name (in English and Urdu).	Father's name.	Residence.	Occupation.	Age.	*Distinctive Marks.	General Remarks.

* To be filled up for male pilgrims only.

This Passport, issued by the authority of the Viceroy and Governor General of India in Council, Requests and Requires all those whom it may concern to afford the person above-named going on pilgrimage to the Hedjaz all needed assistance and protection.

By Order of the Governor General of India in Council,

Countersigned at _____

this ____ *day of* _____ *188* ___

(Sd.) _____

Magistrate or Commissioner of Police, or Political Agent.

Secretary to the Government of India, in the Home Department.

NOTICE TO PILGRIMS.

1. The British Government having been informed by the Turkish Government that the authorities in the Hedjaz will not allow pilgrims from British India to land without a Passport, this Passport is issued to enable pilgrims to comply with the orders of the Turkish Government.
2. This Passport is supplied on request made by or on behalf of the intending pilgrim, but no fee is charged for issuing the same.
3. The British Government does not undertake to bring back pauper pilgrims from the Hedjaz.
4. The British Government has no desire to interfere with the liberty of the pilgrims, but warns its subjects that they should not undertake the pilgrimage if they have not sufficient pecuniary means for the expenses of the journey to the Hedjaz and back to India.
5. On arrival at Jeddah the holder of this Passport should present it to the British Consul for registration.
6. This Passport having been granted solely for the convenience of the pilgrim, the holder thereof is entitled to apply to the British Consul at Jeddah for assistance in case of difficulty.
7. For the convenience of pilgrims not knowing English, this Passport is accompanied with a full translation of this notice in Urdu and Arabic.

B

Certified that the bearer, who states that his name is

and that he is a resident of , *has passed through*

on his way to the Hedjaz; and that no complaints have been made regarding his conduct while in British Territory.

Dated at

this day of 188 .

Commissioner of Police.

Fee Rs. 2.

A. MACKENZIE,
Secretary to the Government of India.

GOVERNMENT OF INDIA.

REVENUE AND AGRICULTURAL DEPARTMENT.

REPORTS ON THE STATE OF THE SEASON AND PROSPECTS OF THE CROPS FOR THE WEEK ENDING THE 11th JULY 1882.

GENERAL REMARKS.—The rainfall of the week has been general throughout the country (excepting the Madras Presidency, from which no reports have been received). In Coorg the rainfall has been excessive; in the Mysore State extremely heavy in parts and sufficient everywhere; in the Bombay Presidency heavy in some places, good in others, and light in a few talukas of three districts; in the Nizam's Territories fair; in Berar good; in the Central Provinces good everywhere and heavy in two districts; in the Central India States good on the whole; in Rajputana good in parts and insufficient in one State; in the Punjab good in some districts, fair in others, and none in Peshawar; in the North-Western Provinces and Oudh heavy in Rohilkhand, good or fair in other districts, and light in the eastern tracts; in Bengal good nearly everywhere, though light in one or two places; in Assam good in all districts, though in one more is wanted; in British Burma good generally, but in some localities apparently still short.

General prospects are satisfactory on the whole. In Coorg the *ragi* crops are being weeded and paddy, where not flooded, is doing well; in the Mysore State standing crops are in good condition and sowings are in progress; in Berar and the Nizam's Territories the sowing of *kharif* crops is either progressing or completed; in the Bombay Presidency sowings have mostly been completed and in some places transplantation has commenced; in the Central Provinces the *kharif* sowings have been completed in parts and continue in others, and the transplanting of rice is progressing in the eastern districts; in the Central India and Rajputana States ploughing and sowing are progressing; in the Punjab *kharif* sowings continue in some districts, and have commenced in others; in the North-Western Provinces and Oudh the *kharif* crops have come up well in places and sowings are still in progress in others; in Bengal the sowing of the autumn crops is still going on in Behar, elsewhere the transplanting of winter rice on low lands is proceeding, and sugarcane, early rice, and jute are doing well; in Assam and British Burma ploughing and sowing are still in active progress.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Bombay—(July 13th)		
Kurrachee ...	.....	No report received.
Hyderabad ...	Rain in seven talukas, average ·89.	River again rising; wheat 25, *juari* 44, *bajri* 39, red rice 32, and white rice 22 lbs. per rupee; small-pox in Khandirao taluka.
Ahmedabad ...	14·03	Sowings progressing; cholera—in Ahmedabad city 16 cases, 7 deaths, in Sanand 4 cases, 2 deaths, in Viramgaum 8 cases, 5 deaths; wheat 27 and *bajri* 29 lbs. per rupee.
Baroda ...	5·00	Total rainfall 13·46; sowings in progress; transplantation of rice commenced in places; public health good; cholera abating in Kari division; *bajri* 30 and common rice 21 lbs. per rupee.
Surat ...	7·09	Total rainfall 19·98; sowings mostly completed; transplantation progressing; cholera—1 death in Chorasi; *juari* 39 and *nagli* 51 lbs. per rupee.
Násik ...	Igatpuri, 21·50; Peint, 5·63; Malegaon, 4·00; very slight in Niphad, Zeola, and Sumar; good showers elsewhere.	Rain much wanted in Niphad, Zeola, and Sumar; crops doing well; locusts continue; wheat 34, *bajri* 36, and rice 25 lbs. per rupee.
Colaba (Bombay) ...	Rain every day, heavy on 8th; rainfall of week 8·02.	Total rainfall to date 42·99, being 14·38 above average; average abnormal temperature 3° cool from 5th to 8th, afterwards 1° cool; vapour in air normal; wind normal on 5th and 11th; abnormal wind from south-west from 6th to 10th.
Poona ...	Rain in seven talukas—maximum, in Poona, 2·43; minimum at Indapur, ·23.	Slight damage done to young crops by locusts in Khed taluka; *bajri* 42¾ and *juari* 55½ lbs. per rupee, in Poona *bajri* 36¾ and *juari* 43½ lbs. per rupee.
Ahmednagar ...	Sight rain, general	More rain wanted; cattle-disease in Nagar and Karjat; cholera—in Parner 9 cases, 4 deaths, in Shrigonda 23 cases, 8 deaths; *bajri*—maximum 60 lbs. in Jhamkhed, minimum 42 in Kopergaon; *juari*—maximum 90 lbs. in Jhamkhed, minimum 54 in Kopergaon.
Sholapur ...	1·75	Total rainfall 15·81; cholera—27 cases, 5 deaths; *kharif* sowings still in progress; *bajri* 56 lbs. 5 tolas and *juari* 74 lbs. 8 tolas per rupee.
Dharwar ...	Good rain everywhere, except Mundargi.	More rain wanted in Mundargi to enable sowings to be completed; break required in Dharwar, Bankapur, Hangal, and Kalghatgi; young crops thriving; slight ague in Dharwar and Mundargi, and cattle-disease in Bankapur and Hangal; rice 22 and *juari* 57 lbs. per rupee.
Kanara ...	Karwar, 11·54; Kumpta, 10·73; Sirsi, 15·45; Hallyal, 5·01.	Total rainfall 57·93; transplanting and weeding in rice-fields; sowings in *kumri* lands in progress; rice plants in low lands and swamps injured by excessive rainfall on coast; slight small-pox at Sirsi; cattle-disease subsiding; fever in two talukas; common rice in Karwar 13, in district average 13½ seers per rupee.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Bombay—*contd.*		
Rajkot ...	.....	No report received. *General Remarks.*—Sowing mostly completed; transplantation commenced in some places; rain general, heavy in some districts, but wanted in parts of Nasik, Ahmednagar, and Dharwar; locusts in Khandesh, Nasik, and Poona; cholera in Satara, Ahmednagar, Sholapur thana, Ahmedabad, and parts of Kathiawar.
Bengal—(July 12th)		
Chittagong ...	4·63	Weather hot, with occasional rain; transplanting of rice going on; prices steady; cholera, small-pox, and cattle-disease still prevail.
Dacca ...	2·21	All crops doing well, and rice being reaped in some parts, yield about 10 annas.
24-Pergunnahs (Calcutta)	4·04	Prospects appear fair; sugarcane, early rice, and jute doing well; transplanting of winter rice commenced; high lands being prepared; price of common rice stationary; public health generally good.
Moorshedabad ...	1·32	Prospects of crops favourable; sowing of winter rice finished; transplanting commenced in low lands; health generally good.
Rajshahye ...	0·66	Prospects of crops favourable; fever and cholera still reported.
Burdwan ...	4·08	Prospects of early crop good; rain wanted for late rice, especially in Katwa subdivision; health fair, but cases of cholera reported.
Rungpore ...	2·35	Weather hot and cloudy; early rice being harvested; transplanting of late rice still going on; sugarcane promising well; prices of food-grains stationary; public health good.
Bhagálpur ...	0·67	Prospects of crops favourable; sowings still going on in places; lands being prepared for the transplantation of rice; in some places transplanting has been commenced.
Purneah ...	0·29	Prospects of crops fair; weather suits weeding; health fair.
Patna ...	0·27	Prospects of crops good; autumn sowings going on; a few cases of cholera still reported from Barrh and Behar subdivisions.
Durbhunga ...	0·10	Strong east wind; transplanting of paddy commenced; more rain wanted; cholera abating.
Hazáribágh ...	2·22	Weather cloudy and rainy; autumn crops promising; a few cases of cholera and small-pox reported; general health good.
Cuttack ...	4·69	Autumn and winter rice crops being weeded; cholera still reported. *General Remarks.*—Rain fell in all districts during the week; prospects generally favourable, but more rain is wanted in some places for cultivation of winter rice, especially on high lands; transplanting of winter rice on low lands proceeding; sugarcane, early rice, and jute promising; in Behar sowing of autumn crops still going on; cholera has almost disappeared from many places, but is still prevalent in Birbhoom, Chittagong, and Sonthal Pergunnahs; fever is said to be increasing in parts of Nuddea, but is abating in Darjeeling Terai.
N. W. Provinces and Oudh—		
Benares (July 11th)	Benares, 1·0; Chandauli, 1·5; Gungapur, 2·1.	*Kharif* sowing is being carried on; not sufficient rain to plant rice; health of cattle good; health of men generally good; isolated cases of cholera reported from both tahsils; markets well supplied; prices steady.
Cawnpore („ „)	Average over 2·4	Crops thriving; weather cloudy; prices unchanged; with the exception of a few cases of cholera, general health good.
Allahabad („ 12th)	Ample rain, average 4·7.	Rising crops much benefited by rain; prospects very good; sickness much diminished; prices stationary.
Gorakhpur („ 11th)	Sadr, 1·7; Padrauna, 5·0	Great heat; sowing favourable; prices stationary.
Jhánsi („ 10th)	Garotha, 5·1; Mau, 1·1; average district, 3·5.	Weather cloudy and close; sowing and ploughing in progress; crops germinating well; prices stationary; health good.
Agra („ 11th)	In all parganas from 2·5 to 9·4.	Slight fever in one pargana only; general health good; prices stationary.
Farukhabad („ „)	1·8 to 4·3 in all tahsils.	Health of man and cattle good; sowings have come up well; prospects good.
Bareilly („ „)	16·0, of which 10·0 fell on night of 6th.	Heavy floods, but damage not excessive; rice prospects now good; health good.
Meerut („ „)	General rain throughout the district.	Rain sufficient for ploughing and sowing, which are in progress everywhere; health of man and cattle good; crops thriving; supplies sufficient; prices of wheat risen in Meerut and Ghaziabad, other prices stationary.
Kumaun („ „)	Continuous rain during the week.	*Kharif* promising; a few cases of small-pox; cattle-disease decreasing; prices stationary.
Lucknow („ „)	Lucknow, 2·0; Mohanlalganj, 1·6; Malihabad, 0·9.	*Kharif* crops being sown; prices stationary; cholera in city decreasing.
Rae Bareli („ 10th)	Sadr, 4·8; Dalamau, 0·5; Salon, 0·5; Digbijaiganj, 1·2.	*Kharif* sowings continue; health of people and cattle good; cholera decreasing; prices almost stationary.
Partabgarh („ 11th)	General rain throughout the district.	Crops coming on nicely; prospects good; general health good; cholera has decreased considerably.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
N. W. Provinces and Oudh—*contd.*		
Sitapur (July 11th)	Sitapur, 2·1; Sidauli, 2·9; Biswar, 0·6; Misrik, 0·3.	Wind easterly; prices slightly rising.
Fyzabad („ „)	1·9.	Sowing of *kharif* crops nearly finished; cholera at Fyzabad and Ganda only. *General Remarks.*—Rainfall general throughout the Provinces, heaviest in Rohilkhand, but lighter in eastern half; floods in Bareilly; prospects generally good; prices steady; general health fairly good; cholera decreasing; cattle-disease decreasing in Kumaun.
Punjab—(July 11th)		
Delhi ...	8·0	Health good; slight rise in price of barley.
Hissar ...	Rainfall good	Health good; prices falling; prospects bright.
Umballa ...	3·0	Health good; prices stationary.
Jullundur ...	1·70	Health good; prices rising.
Amritsar ...	3·60	Health fair; prices stationary.
Sialkot ...	2·0	Health good; prices steady.
Lahore ...	.....	No report received.
Ferozepore ...	2·20	*Kharif* ploughing and sowing commenced; slight rise in price of gram.
Mooltan ...	Drizzling rain at Sidar	Health and crops good; prices stationary.
Rawalpindi ...	·80	*Kharif* crops in progress; fever in Rawalpindi and measles in Pindigheb; slight fall in price of gram and barley, increase in price of Indian-corn.
Dera Ismail Khan ...	Nearly ·60	Health and prospects good; prices fluctuating.
Peshawar ...	.....	Health fair; *kharif* sowings commenced; prices stationary. *General Remarks.*—Rain has been general, except in Peshawar; health is good, but fever continues in Rawalpindi, and measles have not yet left Pindigheb; there is no marked increase or decrease in price of food-grains.
Central Provinces—		
Nagpur ...	11·43; rainy and damp	Prospects good.
Jubbulpore (July 11th)	9·15	Weather cloudy and rainy; sowing operations progressing favourably; cholera and small-pox prevailing.
Saugor („ 10th)	2·25	Season favourable to all sowings; prices steady; general health good.
Seoni („ 11th)	5·85; heavy rains	Rice transplanting progressing; cholera abating; mortality among cattle still continues; wheat 18 and rice 15 seers per rupee.
Khandwa ...	2·36; rainy	*Kharif* sowings progressing; small-pox prevalent; wheat 14 seers per rupee.
Hoshangabad (July 11th)	Heavy rain on 10th and 11th.	Weather cloudy; small-pox prevalent; wheat 15 seers per rupee.
Raipur („ 8th)	3·17; light showers till Thursday night, when there was heavy rain.	*Kharif* sowings almost completed; rice 34 seers per rupee.
Sambalpur ...	.....	No report received. *General Remarks.*—Weather cloudy and damp; rain has fallen in all districts, especially heavy at Nagpur and Jubbulpore; *kharif* sowings continue, and are completed in some parts; cholera and small-pox still reported; prices generally steady.
British Burma—(July 8th)		
Akyab ...	10·97	Total rainfall up to date 84·80 inches; 2 deaths from small-pox in town, 3 from cholera in district, otherwise public health good; cattle-disease severe in two townships; ploughing progressing.
Rangoon ...	4·11	Total rainfall 28·29 inches; public health good.
Bassein ...	2·24	Total rainfall 47·08 inches; cholera in district, otherwise public health good; cattle-disease in district.
Prome ...	3·65	Total rainfall 15·48 inches; 4 deaths from cholera in town and some cases in the district; slight cattle-disease in one township.
Amherst (Moulmein) ...	4·14	Total rainfall 76·92 inches; public health good both in Moulmein and district; cattle-disease prevalent in three townships; sowing half finished, delayed through late short fall of rain.
Toungoo ...	2·50	Total rainfall 29·92 inches; 1 death and 2 cases of small-pox in town, otherwise public health good. *General Remarks.*—Some cholera in Prome, Henzada, and Bassein, and a few cases elsewhere, otherwise public health satisfactory; cattle-disease in Arakan and Pegu divisions, and in Bassein, Amherst, and Shwaygyeen districts; rainfall short in some places; sowings going on.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Assam—(July 12th)		
Gauhati ...	1·61	Days hot, more rain wanted; lands prepared for *sali* crops; public health good.
Sylhet ...	4·84	Prospects of crops favourable; splendid weather for tea; a few cases of cattle-disease, cholera, and small-pox reported.
Cachar ...	3·08	Weather very warm and sultry; sowing of *dumahi* and *murali* crops finished; ploughing for *sali* crops continues; common rice 21 5/16 seers per rupee; tea doing well; no more cholera cases reported.
Dibrugarh ...	5·97	Weather hot; ploughing for *sali dhan* in progress; few cases of cholera reported from Harmoti tea garden; cattle-disease still reported.
Mysore and Coorg—		
Bangalore ...	·85	Standing crops in good condition; prospects favourable.
Mysore ...	3·0	Crops in good condition.
Mercara ...	39·50	Excessive rain during week, as much as 12·50 gauged on the 7th and 10·33 the day before; heavy landslips on ghât roads, cart traffic with Mangalore suspended; water in Cauvery river at Fraserpett rose to 30 feet, and passed through the spandrils of bridge, telegraph line washed away; paddy where not flooded doing well; *ragi* crops being weeded; prices stationary; public health good.
		General Remarks.—Rain has fallen generally throughout the Mysore State; heavy floods in the Cauvery, Hemavaji, and Zegachi rivers; the Tongabadra in the Shimoga district has overflowed its banks in many places; standing crops everywhere in good condition; agricultural operations in active progress; *ragi, Kartik* paddy, *balar*, &c., being sown; prospects favourable; prices—*ragi* 25½ seers per rupee in Bangalore, 20 seers in Mysore, 23 to 36 in Shimoga, 32 to 44 in Chitaldrug; public health good.
Berar & Hyderabad—(July 12th)		
Amráoti ...	3·28	Sowing of all *kharif* crops, except *juari*, completed; wheat 18 and *juari* 36 seers per rupee.
Akola ...	3·27	*Juari* sowings continue; *kharif* prospects good.
Hyderabad ...	1·50	*Kharif* sowings progressing; tanks have received small quantity of water; fever and cattle-disease prevail in some places; prices—wheat 15, common rice 10, white *juari* 23¾, yellow *juari* 27, and *tur* 25 seers per current sicca rupee.
Central India States—(July 12th)		
Indore ...	2·39; rain constant, though light.	Prospects good.
Morar (Gwalior) ...	4·07	Health and prospects good; prices stationary.
Sutna ...	1·94	Weather cool; health good.
Rutlam ...	.....	No report received.
Neemuch ...	1·43	Health good; *kharif* being sown.
Goona ...	3·26	Prospects good.
Bhopal ...	.....	No report received.
Agar ...	2·57	Health and prospects good.
Nowgong ...	2·21	Sowings almost completed; health good.
Manpur ...	6·0	
Rajputana—		
Abu (July 12th)	10·94; overcast, with rain.	
Sirohi (July 9th)	2·0	Tanks, wells, and health good.
Marwar („ 7th)	0·49	Plenty water in tanks and wells; health good; ploughing partial; weather monsoonish, but no general copious fall yet; prospects of rain imminent; prices stationary, with tendency to fall.
Meywar ...	.....	No report received.
Harowti (July 8th)	Deoli, 2·12; Tonk, 1·54; Shahpura, 0·82.	Cholera at Shahpura, but abating at Tonk.
Jhallawar („ 5th)	2·20	*Kharif* sowings progressing; health good.
Ajmere („ 7th)	4·86	Ploughing and sowing proceeding satisfactorily; health fairly good.
Jeypore („ 11th)	0·9	Prices slightly fallen; health good.
Bhurtpore ...	.....	No report received.
Ulwur (July 12th)	0·39	Wells filling; *kharif* sowings continue; health good.
Nepal—(July 6th)		
Katmandu ...	2·76	Total rainfall from January 1st to June 30th, 17·99; transplanting of rice is being rapidly carried on; weather seasonable.

E. C. BUCK,
Secy. to the Govt. of India.

GOVERNMENT OF INDIA.

LEGISLATIVE DEPARTMENT.

ABSTRACT OF THE PROCEEDINGS OF THE COUNCIL OF THE GOVERNOR GENERAL OF INDIA, ASSEMBLED FOR THE PURPOSE OF MAKING LAWS AND REGULATIONS UNDER THE PROVISIONS OF THE ACT OF PARLIAMENT 24 & 25 VIC., CAP. 67.

The Council met at Government House, Simla, on Wednesday, the 12th July, 1882.

PRESENT:

His Excellency the Viceroy and Governor General of India, K.G., G.M.S.I., G.M.I.E., *presiding.*
His Honour the Lieutenant-Governor of the Panjáb, K.C.S.I., C.I.E.
His Excellency the Commander-in-Chief, G.C.B., C.I.E.
The Hon'ble J. Gibbs, C.S.I., C.I.E.
Major the Hon'ble E. Baring, R.A., C.S.I., C.I.E.
Lieutenant-General the Hon'ble T. F. Wilson, C.B., C.I.E.
The Hon'ble C. P. Ilbert, C.I.E.
The Hon'ble Sir S. C. Bayley, K.C.S.I., C.I.E.
The Hon'ble C. H. T. Crosthwaite.
The Hon'ble W. W. Hunter, LL.D., C.I.E.

BIKRÁMA SINGH'S ESTATES BILL.

The Hon'ble MR. ILBERT moved for leave to introduce a Bill to confirm and give effect to an award made by His Excellency the Viceroy and Governor General regarding certain matters in dispute between Sardár Bikráma Singh and the Kapúrthhala State. He said:—"This is a measure which in England would be classed as a private Bill. Its object is simply to confirm and give effect to an award made for the purpose of settling certain family disputes that arose in this way. An estate in Oudh was conferred by Government on Sardár Bikráma Singh in recognition of his services during the mutiny. The Sardár allowed the settlement of this estate to be made in the name of his brother, the then Rájá of Kapúrthhala. He was afterwards dispossessed by the Rájá, and the Civil Courts held that he could not recover possession. Subsequently, Rájá Kurruck Singh of Kapúrthhala consented to reopen the case, and by agreement the question was referred to Sir Henry Davies, the Chief Commissioner of Oudh, for his decision as arbitrator. He delivered an award on the 6th of January, 1871. This award provided that the Rájá should pay five lákhs of rupees to certain persons on trust to purchase land within the province of Oudh and deliver it to the Sardár. It then went on to settle the land in a certain manner, giving a reversion, or remainder, in certain events, to the Rájá of Kapúrthhala; but serious difficulties having arisen as to its meaning and effect in this respect, the Kapúrthhala State and the Sardár consented that the matter should be considered and decided by His Excellency the Viceroy. His Excellency accordingly considered the case, and, on the 3rd of March, 1881, gave an award finally determining the rights of the Sardár, his heirs and the Rájá in the land purchased, or to be purchased, by the trustees appointed under Sir Henry Davies' award. It was anticipated by His Excellency at the time he made this award that legislation would be needed to give effect to it; and this has turned out to be the case. The present Bill has accordingly been prepared to confirm the award, and make such supplementary provisions in matters of detail as may appear necessary in order to give due effect to it."

The Motion was put and agreed to.

BRITISH BURMA STEAM-BOILERS BILL.

The Hon'ble MR. ILBERT also presented the Report of the Select Committee on the Bill to provide for the inspection of Steam-boilers and Prime-movers attached thereto in British Burma.

The Council adjourned to Wednesday, the 2nd August, 1882.

D. FITZPATRICK,

Secretary to the Government of India,

Legislative Department.

SIMLA;
The 12th July, 1882.

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SUPPLEMENT TO

The Gazette of India.

Nº 29. CALCUTTA, SATURDAY, JULY 22, 1882.

OFFICIAL PAPERS.

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GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

CIVIL WORKS.

Irrigation.

REVIEW OF THE ADMINISTRATION REPORT OF IRRIGATION WORKS IN MADRAS FOR 1880-81.

No. 228-35 I., dated Simla, the 1st July 1882.

RESOLUTION—By the Government of India, Public Works Department.

Read—

Administration Report of Irrigation Works in Madras for 1880-81.

OBSERVATIONS.—It is stated in the report that, owing to the want of agreement between the financial and revenue years, the figures representing income and areas irrigated during 1880-81 can only be given approximately in some cases, while in others even approximate information on these points is not available. Final figures are therefore given by districts in a tabular statement for 1879-80 only, and in the body of the report the expenditure is given for 1880-81, while the income and irrigated areas are given for 1878-79 and 1879-80. Under these circumstances the report cannot be considered a review of the operations of the Irrigation Department during 1880-81, and must rather be regarded as a general statement of the latest financial particulars of the works available at the time the report was written.

In acknowledging the Administration Report of 1878-79, it was pointed out by the Government of India that no useful comparison of results is possible when the charges are shown for one year and the revenue for another; and the Government of Madras was requested to ensure the exhibition in future of outlay and income for the same year, as is done in the Revenue Reports submitted by all other Local Governments. Even admitting the want of agreement between the revenue and financial years, the Government of India is unable to understand why the outlay of the financial year should not be compared with the income of the revenue year corresponding most nearly with it, instead of the income of a previous financial year with which the outlay has no connection whatever; and it is hoped that this may be done in future.

The Supreme Government is unaware of any valid reasons against the completion of the revenue returns required for the purposes of this report within four months of the close of the revenue year, so that the review of outlay during any financial year, and of the income during the nearest corresponding revenue year, ought to be with the Government of India within eight months of the close of the former. The present report was received twelve months after the close of the year to which it nominally refers, and two years after the expiry of that for which final figures are given.

2. The Productive Public Works of irrigation and navigation in the Madras Presidency contain the following systems:—

(1) Godavari Delta system.
(2) Kistna Delta system.
(3) Pennar anicut Delta system.
(4) Kavari Delta system.
(5) Srivaikuntham anicut.

Capital and Revenue Accounts are also kept for the three following systems of irrigation, although they are not classed as Productive Public Works:—

(1) Chambrambakam tank.
(2) Palar anicut system.
(3) Palandori anicut system.

All irrigation works which are under the charge of the Irrigation Department and yield direct revenue, except those last enumerated, are classed as irrigation and navigation works, for which neither Capital nor Revenue Accounts are kept. Up to the end of 1880-81, 61 works had been placed in this class. The remaining works of irrigation are divided into two classes—"Imperial" and "Minor,"—the former class being maintained by the Public Works Department, and the latter by the villagers under the control of the Revenue Department.

3. The latter class may be taken generally as including all tanks irrigating less than 200 acres, excepting such as, from their circumstances or position, may affect the safety of towns or important public works, and require therefore to be retained under professional care and supervision. Where it may be found necessary to maintain any minor tank in better order than has hitherto been the custom, it is proposed either to make a suitable grant-in-aid, or to allow a moderate remission of assessment as compensation for extra work done.

Intelligent upper subordinates, or men of that class, are to be appointed as Tank Inspectors, in order to give the Collectors the assistance necessary for the proper supervision of these works.

4. The direct capital expenditure incurred upon Productive and other works of irrigation and navigation up to the close of 1879-80 amounted to Rs. 1,99,35,764 as detailed in margin.

	Rs.
Productive Public Works . .	1,76,39,862
Irrigation and navigation works for which Capital and Revenue Accounts are kept . . .	22,95,902
TOTAL .	1,99,35,764

The indirect capital outlay to the end of the same year is not known.

The maintenance charges of 1879-80 amounted to Rs. 9,47,893, exclusive of charges in the Civil Department for collection of land revenue due to irrigation works, which are not known, and the gross revenue to Rs. 2,13,28,862 assessed on an irrigated area of 5,489,297 acres.

5. During 1880-81 the rainfall of the south-west monsoon was generally much below, and in some cases remarkably less than, that of the preceding year; indeed, in some districts the normal relation between the south-west and north-east monsoons was completely reversed. The area irrigated in the Godavari and Kistna Deltas fell somewhat below the high figures which had been reached in previous years, owing partly to a fall in the price of rice, and partly to plentiful and seasonable rain, which enabled the cultivators in many cases to dispense with artificial irrigation. In the southern districts a cyclone, which occurred on the 21st of November 1880, caused very heavy floods and a great amount of injury to works.

The area irrigated during 1880-81 by the eight systems specified in paragraph 2 is stated in the report to have amounted to 1,783,345 acres; but the details are not given. The revenue assessed on this irrigated area is stated at Rs. 78,94,094, giving an average rate of Rs. 4·46 per acre.

6. The Delta of the Godavari is irrigated by a system of navigable canals, aggregating at present 458 miles in length. When completed the total length of canal channel will be about 503 miles. The canals are supplied by a weir, constructed across the river at a point 33 miles from the sea, the length of the weir crest being 3,938 yards, and its height 38 feet above mean sea level. The total estimated capital cost of the system is about 111 lakhs of rupees for direct charges only, the direct capital outlay to end of 1880-81 having been Rs. 89,20,776. The estimated area of ultimate irrigation is about 607,000 acres, and the area actually irrigated during 1880-81 was 526,585 acres.

The average revenue dependent upon the weir is stated as being somewhat in excess of 25 lakhs of rupees; and the maintenance charges of 1880-81 amounted to Rs. 4,45,447, including indirect charges for collection in Civil Department. The maintenance charges of 1879-80 amounted to Rs. 5,32,501.

The above figures do not, however, agree with those submitted in the report which accompanied the final revised estimate of the Godavari canals. There the position of the works at the end of 1880-81 is stated as follows:—

	Rs.
Direct receipts	16,96,919
Indirect receipts	1,63,393
TOTAL .	18,60,312
Direct maintenance charges	4,24,878
NET EARNINGS .	14,35,434

	Rs.
* Direct charges . . .	88,90,371
Indirect „ . . .	17,57,342
TOTAL .	1,06,47,713

Accepting these figures as correct, the net revenue yielded a return of 13·3 per cent. on the capital outlay to the end of the year, which is given in the same report as amounting to Rs. 1,06,47,713.*

The license fees for boats are—

	Rs.
For cargo boats, per ton	2
1st class passenger boats, per ton	4
2nd class passenger boats, per ton	2

The above fees free the boats on all canals in the Delta during the whole of the calendar year. Unlicensed boats pay 4 annas a ton for a single trip.

The navigation receipts and charges of 1880 are compared below with the average receipts and charges of the four previous years:—

	Receipts.	Charges.	Excess charges.
	Rs.	Rs.	Rs.
Average of years 1876 to 1879, inclusive .	50,357	65,972	15,615
1880	51,315	76,301	24,986

The charges were abnormally high during the year, owing to silt clearances and renewals of lock-gates.

Some further particulars connected with the navigation are given below:—

	1879.	1880.
Total number of boats plying	1,254	1,189
Registered tonnage of cargo boats . . .	22,037	18,225
Rafts passed through head locks . . .	4,070	4,340
Mileage of canal open for navigation . . .	458	458
Ton mileage	10,779,647	8,663,277
Estimated value of cargoes . . .	Rs. 3,76,64,673	2,88,84,509

The freshes in the Godavari commenced early in June, and the water rose over the weir crest on the 28th June. The maximum flood of the year rose to a height of 7 feet over the crest of the weir on 19th September 1880, the maximum rise of 1879 having been 12 feet on 27th August, and the highest yet recorded 15·25 feet in 1861.

7. The Kistna Delta system of canals is not in such an advanced state of completion as that of the Godavari, only 277 miles of canal having been finished out of an intended total of 348 miles. The canals are supplied by

a weir thrown across the river Kistna at a point where the channel is confined by low rocky hills on either banks. The length of weir crest is therefore only 1,280 yards, its height above mean tide level being 45 feet, and its distance from the sea along the river 60 miles. The total estimated capital cost of the completed canals is Rs. 139 lakhs for direct charges only, the direct capital outlay to end of 1880-81 having been Rs. 55,59,084, including Rs. 2,98,541 expended on the Commamur canal. The area of irrigation ultimately attainable is estimated at 470,000 acres, the area now irrigated being 274,573 acres. The ultimate revenue is estimated at about 14 lakhs of rupees, the revenue now dependent upon the canals being rather more than 9 lakhs of rupees. The maintenance charges amounted during 1880-81 to Rs. 3,94,573, inclusive of Rs. 61,200 charged for collection in the Civil Department.

The net returns, therefore, yielded about 10 per cent. upon the direct capital outlay to the end of 1880-81.

The license fees for boats differ from those in force on the Godavari only in charging Re. 1 instead of Rs. 2 per ton on cargo boats.

The navigation receipts and charges of 1880 are compared below with the average receipts and charges of four preceding years :—

	Receipts.	Charges.	Excess charges.
	Rs.	Rs.	Rs.
Average of years 1876 to 1879, inclusive	18,266	30,079	11,853
1880	23,834	41,787	17,953

Further particulars of the navigation are given below, as for the Godavari :—

	1879.	1880.
Total number of boats plying	719	834
Registered tonnage of cargo boats	12,842	13,142
Rafts passed through head locks	1,245	1,062
Mileage of canal open for navigation	257	257
Ton mileage	1,854,678	3,230,187
Estimated value of cargoes	Rs. 66,31,909	64,63,571

The supply of water in the river during 1880-81 was rather uncertain, and during September 1880 the raising of the weir crest by a dry stone wall was commenced, but the water rose again shortly afterwards, and a number of small freshes kept up the supply. The highest flood of the year rose to 9·41 feet on the weir crest, the highest recorded having risen to 19·46 feet above weir crest in 1874. There was heavy rain in the Delta during November, which swamped some low-lying lands owing to the insufficient capacity of the drainage channels.

8. The Pennar Delta works were originally designed to supply irrigation to 64,000 acres of land, but the greatest area yet irrigated was 58,159 acres in 1870-71, and the average may be taken as 55,000 acres with a consolidated assessment of about 2 lakhs of rupees, of which nearly one-half is stated to be increase due to the works.

There is apparently no capital account for these works owing to want of completion estimates. During 1878-79 56,446 acres were irrigated, the increase of land revenue due to the works amounted to Rs. 1,43,768, and the charges on Revenue Account to Rs. 47,717. During 1880-81 the charges on Revenue Account amounted to Rs. 31,558; the area of irrigation is not given, but the crops are stated to have suffered from too much rain.

9. The Kavari Delta works have been constructed in order to regulate the distribution of the flood waters of the Kavari river over the districts of Tanjore and Trichinopoly. They consist of a weir and regulating dam, constructed at the head of the island of Seringham, about 10 miles west of Trichinopoly, across the Coleroon and Kavari rivers, the two branches into which the Agunda Kavari is divided by the island; also of certain escapes from the Kavari back to the Coléroon, of which the principal is the "Grand Anicut," or waste weir, at the lower end of the Seringham island, and of regulators across the Vennar and other spill channels, which branch off from the Kavari to the south and south-east.

The direct capital expenditure to the end of 1880-81 amounted to Rs. 10,17,174, and a further estimate, amounting to Rs. 6,88,000 for direct

charges only, has lately been provisionally sanctioned by the Government of India for the completion of the regulating works on the Kavari in the Tanjore district. The latest information regarding these works is given below :—

Year.	Acres irrigated.	Land revenue due to works.	Revenue charges.
		Rs.	Rs.
1878-79	805,033	8,47,722	1,00,352
1879-80	814,366	9,04,202	75,391

The average net Revenue of 1878-79 and 1879-80 therefore amounted to very nearly 77½ per cent. upon the direct capital outlay to end of 1880-81.

During the cyclone of November 1880 the rivers rose to a very unusual height, and flooded large areas of the country, injuring especially the crops irrigated from the Vennar and its branches.

10. The Srivaikuntham weir is thrown across the Tambrapurni river in the Tinnevelly district, about 16 miles from the sea. The works dependent on it provide not only for direct irrigation of the adjoining land, but for the supply of existing tanks in which the water is stored for use during the intervals between the freshes.

Estimates for the completion of the project have not yet been received by the Government of India, but the amounts sanctioned up to date aggregate Rs. 11,53,027 for direct expenditure only, and the direct capital outlay to end of 1880-81 amounted to Rs. 12,23,392.

The latest particulars available for these works are as follows :—

Year.	Acres irrigated.	Land revenue due to works.	Revenue charges.
		Rs.	Rs.
1878-79	19,324	33,723	68,105
1879-80	19,971	46,676	32,539

The revenue of 1878-79 was, therefore, Rs. 34,382 less than the revenue charges, and the net revenue of 1879-80 yielded a little more than 1 per cent. on the direct capital outlay to end of 1880-81. The completed works were originally expected to irrigate 32,000 acres. During 1880-81 the south-west monsoon failed in the Tinnevelly district, and the supply in the Tambrapurni fell short of the demand for water. For more than six weeks the water level at the weir never rose above one foot on the sill of the head sluices; but in November it rose to 10·42 feet above weir crest—a height only 1 33 feet lower than that of the flood of December 1877, the highest on record.

11. The Chambrambakam tank is a large reservoir, about 14 miles from Madras, which has been formed by enlarging an old Native tank. It covers 5,729 acres, or 8·95 square miles of ground, and contains 2,779 millions of cubic feet of water. The direct capital outlay to the end of 1880-81 amounted to Rs. 6,13,013, and a further expenditure of about Rs. 25,000 will be required to complete the works. The revenue charges of the year were Rs. 8,069, inclusive of Rs. 4,032 charged for collection of revenue in the Civil Department. No recent particulars of the area irrigated by, and increase of land revenue due to the tank, are apparently available; but it is estimated that it irrigates about 15,660 acres, yielding a return of Rs. 67,942.

If the estimate prove to be correct, the net returns will be about 9 per cent. on the total direct capital outlay.

12. The Palar anicut is thrown across the river of that name near the town of Arcot in the North Arcot District. It is 2,600 feet long, and supplies channels, which water about 37,000 to 38,000 acres of land.

The direct capital outlay to end of 1880-81 amounted to Rs. 16,57,191, and a further outlay of Rs. 20,000 to Rs. 25,000 will be required to complete the works. The revenue charges of 1880-81 amounted to Rs. 56,786, including Rs. 16,200 charged for collection of revenue in the Civil Department.

The latest particulars of irrigated area and revenue due to the works are given below:—

Year.	Acres irrigated.	Land revenue due to works.	Revenue charges.
		Rs.	Rs.
1878-79	34,032	1,01,643	8,612
1879-80	37,754	1,02,258	36,476

The average net revenue of 1878-79 and 1879-80, therefore, yielded about $4\frac{3}{4}$ per cent. on the direct capital outlay to the end of 1880-81; and if Rs.1,02,000 may be assumed as representing with fair accuracy the gross annual revenue due to the works, the net revenue of 1880-81 yielded very nearly $2\frac{3}{4}$ per cent. on the direct capital outlay to the end of the year.

During 1880-81 the tanks dependent on the Palar anicut received a good supply of water.

13. The Pelandorai anicut is constructed across the Vellar river, and supplies water for the irrigation of about 50 villages in South Arcot.

The direct capital outlay to end of 1880-81 amounted to Rs. 2,90,262, and a further expenditure of about Rs. 32,000 will be required to complete the works. The revenue charges of the year amounted to Rs. 12,464.

The revenue and irrigated areas of 1878-79 and 1879-80 are given below:—

Year.	Acres irrigated.	Increase of land revenue due to works.	Revenue charges.
		Rs.	Rs
1878-79	2,430	2,657	32,454
1879-80	3,460	6,245	17,041

This does not seem to be a very prosperous undertaking. The flood in the Vellar of the 22nd November 1880 was the highest on record, and did much damage to the anicut head works and dependent channels and tanks.

14. The direct outlay during 1880-81 upon irrigation works, for which neither Capital nor Revenue Accounts are kept, amounted to Rs. 5,63,461 against a grant of Rs. 11,24,059.

Rs. 64,005 were also spent during the year on works, not exceeding Rs. 2,500 each in value, apparently for the improvement of tanks, classed as "Imperial," and Rs 4,76,079 were expended on repairs of these tanks against a grant of Rs. 5,13,287.

On repairs of the tanks classed as "Minor," and placed under charge of the Revenue Department, Rs. 87,078 were expended during 1880-81, against a grant of Rs. 1,46,500.

It is explained that the short outlay on "Imperial" works was chiefly due to the inefficient state of the Public Works establishment, resulting from insufficient strength and frequent transfers; that on "Minor" works to incomplete organisation of the arrangements for carrying out the work.

The provision of waste weirs for these works appears to be still very inadequate.

15. The direct outlay upon agricultural works during 1880-81 amounted to Rs. 2,85,682 against a grant of Rs 2,80,783. These works consist of river embankments and works for river conservancy and drainage.

16. In addition to the usual percentage of General Establishment charges, the whole cost of the following special establishment is debited to Irrigation:—

(1) Establishment of Chief Engineer for Irrigation.
(2) Water Regulation, Navigation, and River Conservancy establishment.
(3) Temporary Survey Establishment.
(4) Special Establishment for revenue investigations.

The cost of establishment of Chief Engineer for Irrigation was wholly debited to works of irrigation and navigation (No. 33), as the debit to Capital Account of Productive Public Works (No. 38) on account of general establishment was equivalent to the percentage sanctioned by the Government of India.

The total cost of establishment for water regulation, navigation and river conservancy was Rs. 1,10,132 during 1880-81 against an expenditure of Rs. 1,13,788 during the previous year.

The total cost of the temporary survey establishment amounted to Rs. 23,071 during the year.

A special establishment, costing Rs. 13,832 for the year, was employed in ascertaining the revenue due to irrigation in the Kavari Delta and under the Pennar, Pelandorai, Palar, and Srivaikuntham anicuts, and the Chambrambakam Tank. The investigation was completed for the Srivaikuntham anicut system, and nearly so for the other works, except those in the Kavari Delta.

17. It would add greatly to the utility of the report if all figures relating to expenditure and income were shown in the report and tabulated statements for the several *classes of works* enumerated in paragraph 2 of this review, instead being arranged *by districts* for all classes of works together, as in the tabular statement on page 42 of the report.

18. The Madras Irrigation and Canal Company's works consist of a weir across the Toombudra river and head works at Sunkesala, 17 miles above the town of Kurnool, and of a canal for irrigation and navigation from Sunkesala to Cuddapah, 190 miles in length.

The total direct expenditure on Capital Account to the end of 1880-81 amounted to Rs. 1,16,69,077.

Owing to a variety of causes the returns from irrigation have hitherto been insufficient to cover even the working expenses of the canal, except in the famine years of 1876-77 and 1877-78, during which there was a considerable extension of irrigation, but this increase has not since been maintained, the rainfall having been quite sufficient for the cultivation of the dry crops which are grown on most of the land commanded by the canal.

The revenue charges on account of maintenance, establishment, general and home management, and compensation, amounted to Rs. 1,39,324 during 1880-81, showing a satisfactory reduction on the expenditure of 1879-80 on the same account, Rs. 2,35,662. The charges for home management were reduced from Rs. 1,63,548 during 1879-80 to Rs. 32,263 during 1880-81.

The gross revenue credited during 1880-81 amounted to Rs. 74,356, but this amount includes an item of Rs. 10,615 on account of "interest and profit on mortgage," and the revenue from irrigation and special water-rate was only Rs. 60,089 in 1880-81, compared with Rs. 1,67,056 in 1879-80. 17,798 acres of land were irrigated during 1880-81, 18,656 acres having been watered during 1879-80.

Excluding charges for penalty, interest, and town supply, the revenue assessed on the area irrigated in 1880-81 amounted to Rs. 56,920, giving an average rate of Rs. 3·20 per acre.

Owing to want of capital required for the completion of navigation works, and purchase of boats, navigation of the canal was not commenced until 1st October 1880. The working expenses of navigation amounted to Rs. 18,390 and the receipts to Rs. 5,783 during the year.

ORDER.—Ordered that a copy of the above Resolution be forwarded to the Government of Madras for information and guidance.

Also that a copy of the Resolution be forwarded to the Local Governments and Administrations marginally noted for information.

The Governments of Bombay, Bengal, North-Western Provinces and Oudh, and the Punjab, in the Public Works Department.
The Chief Commissioner, Central Provinces.
The Agent to the Governor General for Rajputana.

Also that a copy be forwarded to the Publisher of the *Gazette of India* for publication in the Supplement to the Gazette.

HENRY A. BROWNLOW, *Colonel, R.E.*,
Deputy Secy. to the Govt. of India.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

CIVIL WORKS.

Irrigation.

ORDERS ON REVENUE REPORT OF IRRIGATION WORKS IN BOMBAY (EXCLUDING SIND) FOR 1880-81.

No. 237—50 I., dated Simla, the 7th July 1882.

RESOLUTION—By the Government of India, Public Works Department.

Read—

Letter from the Government of Bombay, No. 118 W.I.-269, dated 9th May 1882, forwarding the above.

OBSERVATIONS.—The capital outlay of all kinds during the year amounted to Rs. 2,22,388 and the total direct and indirect capital outlay to end of 1880-81 to Rs. 1,32,74,996.

2. The interest charges during 1880-81 amounted to Rs. 5,64,076, and the unpaid balance of accumulated interest at the end of the year to Rs. 53,86,110.

3. The assessed revenue of all kinds amounted to Rs. 2,30,652, and the maintenance charges to Rs. 1,47,995.* The net revenue was therefore Rs. 82,657 and yielded 0·62 per cent. return on the capital outlay to the end of the year.

* Indirect charges for leave and pension allowances not included in this sum.

4. Although the percentage of net revenue upon capital outlay was so small, the returns of the year under review were on the whole decidedly encouraging. The area irrigated during the year was very nearly 75 per cent. larger than the average area of the four preceding years, the area of "kharif" irrigation having been 120 per cent. and of "rabi" irrigation 37 per cent. in excess of the corresponding averages of the four preceding years.

5. The assessed revenue did not however increase in a similar proportion, as the increase occurred chiefly in the class of cereals (millet, rice, pulses and wheat) which pay the lower water rates. The average water rate per acre therefore fell from Rs. 8·39 per acre in 1879-80 to Rs. 6·01 per acre in 1880-81. Although the increase in the irrigated area of sugarcane was not nearly so marked as that under cereals, a very steady and satisfactory increase is perceptible in the area of this crop watered from the Government canals and tanks. The increase in irrigation of cereals having been due to a temporary cause, deficient and late rainfall, too much reliance should not be placed on it, and every effort should be made to secure permanence of supply by pushing on the construction of all storage reservoirs, which may be found economically feasible.

6. Fair progress is however being made in this respect, as it appears from the report that out of twelve systems of canal irrigation, three are already provided with storage works, for one, they are under construction, for two, the estimates are under consideration, for three more, surveys and estimates are in progress, and for another, a site for a reservoir has been found, leaving only two for which no such works have as yet been proposed.

7. Two very serious causes of the unremunerative character of these irrigation works lie in the high rate of maintenance charges, which are in many cases out of all proportion to the returns obtained from the works, and in the great loss of water by percolation from the canal channels. The Government of India is glad to see that the Government of Bombay is endeavouring to reduce the maintenance charges, although it is hardly satisfactory to find that they continued to increase during the year under review. The necessity for the large increase of nearly 20 per cent. in outlay upon repairs and of more than 28 per cent. on establishment charges should have been explained more fully than it has been. The revenue charge for establishment amounts to nearly 49 per cent. of the outlay upon works and repairs and ought to be reduced without any further delay, as the duties involved in supervising the irrigation of 34,500 acres must have been almost nominal. There is no apparent reason why the cost of establishment employed on the main canals should vary from Rs. 59 per mile on the Jamda canal to Rs. 164·5 per mile on the Rewari canal and from Rs. 32·7 on the Ekruk Tank to Rs. 72·6 on the Maini Tank. Again the establishment employed on irrigation is shown as varying in cost from Re. 0-11-2 per acre on the Ojhar canal to Re. 1-9-5 on the Hathmati without any explanation of the causes of the difference.

8. If the loss by percolation and the volumes utilised have been correctly returned from the Palkher canal it would apparently be worth while spending a very considerable sum on stanching the channel. In the table on page 67 of the Chief Engineer's Report it is shown that an average volume of 10·38 cubic feet per second was lost by percolation during the year, only 4·44 cubic feet per second having remained available for irrigation. But the revenue assessed on the area irrigated by the latter volume amounted to Rs. 5,704 and the value of 1 cubic foot per second was therefore Rs. 1,282. Supposing a like demand to exist for the water lost, it may be taken as being worth at least Rs. 12,000, and it would pay well to spend Rs. 50,000 on saving it. It would not perhaps be necessary to puddle the bed in so expensive a manner as was done on the Hathmati canal, and the sum might suffice to stanch the whole of the 11 miles on which the principal loss from leakage occurs. The foregoing calculation however takes for granted the existence of a demand for the whole of the water saved. In any case, the very large proportion of water lost by percolation on this and other canals points to the necessity of full indirect credit being given to the Government Irrigation Works, in all cases where they can be shewn to have improved the irrigation from wells and natural watercourses in their neighbourhood.

9. The report on the supply of water in wells during the late famine, called for by the Government of India in the review of the Irrigation Revenue Reports of 1877-78 and 1878-79, and again in that of the Revenue Report for 1879-80, has not yet been received.

ORDER.—Ordered that copies of this Resolution and of the Report be forwarded to the Department of Finance and to the Revenue and Agricultural Department for information.

Ordered also, that copies of this Resolution be forwarded to the Government of Bombay for information and guidance; and that copies of the Report and of the Resolution be forwarded to the Local Governments and Administrations noted in the margin, in the Public Works Department, for information.

Governments of Madras, Bengal, the North-Western Provinces and Oudh, and the Punjab.
The Chief Commissioners, Central Provinces and British Burma.
The Foreign Department, for communication to Resident at Mysore and Chief Commissioner of Coorg.
The Resident at Hyderabad.
The Agents, Governor General, Central India and Rajputana.

Ordered further, that this Resolution be published in the Supplement to the *Gazette of India*.

H. A. BROWNLOW, *Colonel, R.E.*,
Deputy Secretary to the Government of India.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

RAILWAY TRAFFIC.

No. XXV OF 1882.

APPROXIMATE STATEMENT OF GROSS RECEIPTS AND EXPENSES OF INDIAN RAILWAYS.

Latest return received.	Railways.	Total mean length open.	Receipts for week ending 25th June 1881. Total.	Per mile open.	Total mean length open.	Receipts for week ending 24th June 1882. Total.	Per mile open.	Total Receipts from 1st April to 25th June 1881. Total.	Per mile open per week.	Total Receipts from 1st April to 24th June 1882. Total.	Per mile open per week.	Total Increase in 1882-83.	Total Decrease in 1882-83
	Guaranteed.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Last 6 days of June 1882 ...	Eastern Bengal ...	172	76,035	442	172	88,175	513	7,78,028	361	8,63,878	414	85,850	...
24th June 1882	Oudh and Rohilkhund	547	74,579	136	547	78,379	143	12,18,035	181	13,67,167	206	1,49,132	...
24th ditto ...	Sind, Punjab & Delhi	676	1,13,101	212	676	1,89,815	281	22,20,469	267	23,81,345	290	1,60,876	...
24th ditto ...	Madras ...	858	1,28,231	149	858	1,50,747	176	14,56,791	138	16,83,632	162	2,26,841	...
24th ditto ...	South Indian ...	655	80,658	123	655	81,098	124	9,21,692	115	9,65,710	121	44,018	...
Last 6 days of June 1882 ...	Great Indian Peninsula ...	1,418	6,56,171	453	1,458	5,33,155	366	90,17,734	507	1,02,97,141	584	12,85,407	...
24th June 1882	Bombay, Baroda and Central India ...	444	1,53,090	345	461	1,96,573	426	32,27,500	591	32,02,143	572	..	25,757
	TOTAL ...	4,800	13,11,865	273	4,827	13,17,942	273	1,88,34,649	319	2,07,61,016	355	19,26,367	...
	State.												
Last 6 days of June 1882 ...	East Indian ...	1,504	7,23,604	481	1,507	7,91,924	525	1,02,45,998	554	1,08,30,276	591	5,83,278	...
17th June 1882	Calcutta and South-Eastern ...	28	6,609	236	...	(*a*)...	...	(*b*)30,102	95	(*c*)36,689	118	6,587	...
Last 6 days of June 1882 ...	Nalhati ...	27	1,235	46	27	1,351	50	15,795	48	17,071	52	1,276	...
Ditto ...	Northern Bengal ...	231	39,182	170	233	43,239	186	3,66,630	120	4,44,503	157	77,873	...
Ditto ...	Tirhoot ...	82	11,920	145	85	11,111	131	1,58,434	157	1,59,946	155	1,512	..
Ditto ...	Patna-Gya ...	57	7,155	126	57	6,978	122	1,11,028	158	1,17,201	169	6,173	...
Ditto ...	Muttra-Hathras ...	29	2,026	70	29	1,818	63	30,383	85	28,894	82	...	1,489
Ditto ...	Cawnpore-Furrakhabad	86	4,044	47	86	6,367	74	62,846	59	79,344	76	16,498	...
Ditto ...	Dildarnagar-Ghazipur	12	578	48	12	827	69	12,366	84	13,690	94	1,324	...
Ditto ...	Rajputana-Malwa ...	1,016	1,93,900	191	1,117	2,04,210	183	22,94,620	184	26,87,610	198	3,92,990	...
24th June 1882	Wardha Coal ...	45	10,572	235	45	9,396	209	1,12,664	204	1,57,737	288	45,073	...
24th ditto ...	Nagpur & Chhattisgarh	53	5,468	103	98	6,587	67	88,033	110	1,99,607	168	1,11,574	...
Last 6 days of June 1882 ...	Rangoon and Irrawaddy Valley ...	161	23,046	143	161	23,490	146	4,10,862	208	4,10,489	210	...	373
Ditto ...	Sindia ...	78	6,741	86	75	7,217	96	72,873	80	77,599	85	4,726	...
24th June 1882	Punjab Northern ...	363	68,886	190	412	59,429	144	7,99,812	179	7,18,892	150	...	80,920
24th ditto ...	Indus Valley and Kandahar ...	660	86,848	132	660	1,12,392	170	12,53,137	155	10,89,984	136	...	1,63,153
Last 6 days of June 1882 ...	Muttra-Achnera ...	...	...	...	23	1,154	50	...	...	14,196	51	14,196	...
	TOTAL ...	2,928	4,68,210	160	3,120	4,95,566	159	58,19,585	161	62,53,452	164	4,33,867	...
	Native States.												
24th June 1882	Bhavnagar-Gondal ...	192	12,095	63	194	13,401	69	2,72,191	115	3,08,099	131	35,908	...
24th ditto ...	Nizam's ...	121	17,320	143	121	18,500	153	2,07,007	139	2,04,580	139	...	2,427
10th ditto ...	Mysore ...	58	2,424	42	...	(*a*)...	...	(*d*)26,225	44	(*e*)48,787	56	22,562	...
	TOTAL ...	371	31,839	86	315	31,901	101	5,05,423	111	5,61,466	115	56,043	...
	GRAND TOTAL ...	9,603	25,35,518	264	9,769	26,37,333	270	3,54,06,655	300	3,84,06,210	321	29,99,555	...
	GROSS ESTIMATED EXPENSES ...	...	...	...	...	...	...	1,66,41,128	141	1,84,34,981	154	...	...
	NET RECEIPTS ...	...	...	...	...	...	...	1,87,65,527	159	1,99,71,229	167	12,05,702	...

(*a*) Return not received. (*b*) Total receipts from 1st April to 18th June 1881. (*c*) Total receipts from 1st April to 17th June 1882.
(*d*) Total receipts from 1st April to 11th June 1882. (*e*) Total receipts from 1st April to 10th June 1882.

F. FIREBRACE, *Major, R.E.*,
Under Secretary.

SIMLA,
The 15th July 1882.

GOVERNMENT OF INDIA.

DEPARTMENT OF FINANCE AND COMMERCE.

Comparative Statement of the Nett Indian Sea and Land Customs Revenue (excluding Salt Revenue) for the first three months of the official year 1882-83, and of the eleven preceding years.

(IN THOUSANDS OF RUPEES.)

YEAR.	FOR THE THREE MONTHS, APRIL TO JUNE.																								YEAR.
	Bengal.				Bombay.				Sindh.				Madras.				British Burma.				Total British India.				
	On Imports of Liquors.	On other Imports.	On Exports.	Total Revenue.	On Imports of Liquors.	On other Imports.	On Exports.	Total Revenue.	On Imports of Liquors.	On other Imports.	On Exports.	Total Revenue.	On Imports of Liquors.	On other Imports.	On Exports.	Total Revenue.	On Imports of Liquors.	On other Imports.	On Exports.	Total Revenue.	On Imports of Liquors.	On other Imports.	Export Revenue.	Total Revenue.	
1871-72 .	2,46	16,87	5,35	24,68	2,37	7,46	1,11	10,94	27	24	32	83	94	2,90	3,89	7,82	35	1,11	6,69	8,15	6,39	28,67	17,36	52,42	1871-72.
1872-73 .	3,19	15,58	5,68	24,45	1,52	10,34	1,09	12,95	26	22	79	1,27	1,03	3,37	3,16	7,56	91	1,27	11,85	14,03	6,91	30,78	22,57	60,26	1872-73.
1873-74 .	2,24	15,12	3,85	21,21	1,69	8,65	1,12	11,46	30	15	29	74	1,05	3,42	3,86	8,33	90	1,19	11,04	13,13	6,18	28,53	20,16	54,87	1873-74.
1874-75 .	3,06	16,42	3,38	22,86	1,70	8,74	1,01	11,45	30	11	26	67	91	3,70	3,21	7,82	1,11	1,79	8,09	10,99	7,08	30,76	15,95	53,79	1874-75.
1875-76 .	3,08	19,81	4,36	27,25	1,83	10,38	2,88	15,14	28	28	66	1,22	1,13	3,60	3,92	8,65	1,10	1,08	14,60	16,78	7,47	35,15	26,42	69,04	1875-76.
1876-77 .	3,38	15,70	2,66	21,74	2,08	9,12	44	11,64	34	14	7	55	1,47	3,30	2,26	7,03	1,30	1,40	9,92	12,62	8,57	29,66	15,35	53,58	1876-77.
1877-78 .	3,80	19,07	3,06	25,93	2,61	10,90	47	13,98	55	22	13	90	1,35	1,85	48	3,68	1,38	1,56	8,40	11,43	9,69	33,60	12,63	55,92	1877-78.
1878-79 .	3,39	16,13	3,24	22,76	2,27	10,62	58	13,47	48	11	9	68	1,51	2,60	1,14	5,25	2,12	1,84	9,96	13,92	9,77	31,30	15,01	56,08	1878-79.
1879-80 .	2,89	15,23	1,93	20,05	2,40	8,32	63	11,35	71	21	7	99	1,30	1,91	1,39	4,61	1,84	1,46	12,40	15,70	9,14	27,13	16,33	52,60	1879-80.
1880-81 .	3,33	12,99	1,85	18,17	2,29	10,75	53	13,57	1,21	25	8	1,54	1,41	2,49	2,14	6,34	1,32	1,87	12,64	15,83	9,56	28,35	17,54	55,45	1880-81.
1881-82 .	3,59	13,46	3,15	20,20	2,85	10,95	58	14,28	1,14	36	11	1,61	1,24	2,51	2,14	5,89	1,90	1,91	13,82	17,63	10,72	29,09	19,80	59,61	1881-82.
1882-83 .	3,77	9	3,42	7,28	2,96	—02*	50	2,84	92	2	18	1,12	1,42	...	1,11	2,53	2,31	2	19,10	21,43	11,38	—49*	24,31	35,20	1882-83.

* The amount refunded is greater than the duty collected.

T. C. HOPE,
Secretary to the Government of India.

DEPARTMENT OF FINANCE AND COMMERCE,
STATISTICAL BRANCH;
Calcutta, 20th July 1882.

GOVERNMENT OF INDIA.

REVENUE AND AGRICULTURAL DEPARTMENT.

REPORTS ON THE STATE OF THE SEASON AND PROSPECTS OF THE CROPS FOR THE WEEK ENDING THE 18th JULY 1882.

GENERAL REMARKS.—The monsoon has continued to give general rain throughout the country. The fall has been light in most districts of the Madras Presidency, save in the extreme south, where damage from excessive rain is reported. In Coorg the rainfall has again been heavy, and in Mysore and in the Nizam's Territories and Berar sufficient. In the Bombay Presidency the rain has been very heavy in some parts (including Sind), and good or fair in others; in the Central Provinces good in some districts and excessive in others; in the Central India and Rajputana States and in the Punjab good almost everywhere; in the North-Western Provinces and Oudh good in a few districts and light generally; in Bengal heavy towards Orissa, good in Bengal proper, and light in Behar; in Assam light in some places, fair in others; and in British Burma heavy in two districts and good in others.

There are, however, a few limited tracts from which no rain has been reported during the week under report, notably the Tanjore district in Madras, the Kolar district in Mysore, and Umballa in the Punjab.

General prospects, where not affected for the time being by excessive rain or flood as in Tanjore, Kanara, Hoshangabad, Coorg, and Dibrugarh, or by insufficient rain as in Chingleput or in parts of two districts of Bombay and of four districts in Bengal, are very favourable, as sowing operations are nearly complete and the young crops are doing well. The harvest of jute in Bengal promises to be a good one; and generally sugar and indigo are doing well throughout Northern India.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Madras—(July 12th)		
Bellary ...	1·18 (average of eight stations).	Standing wet crops good; harvest summer paddy, yield below average; fever in parts.
Kurnool ...	2·29 (average of nine stations).	Improvement in season continues; cattle-disease in parts; standing crops fair.
Ganjam ...	2·64 (average of twelve stations).	Standing summer paddy and dry crops reviving; fever, small-pox, and cholera prevalent; cattle-disease exists.
Kistna ...	1·92 (average of thirteen stations).	Small-pox and cattle-disease slight.
Chingleput (Madras) ...	·87 (average of eleven stations).	Standing crops good where water available; harvest paddy and dry crops, outturn below average; agricultural operations progressing; cattle-disease in parts.
Coimbatore ...	·71 (average of fourteen stations).	Standing crops generally good; harvest dry crops, yield about average; small-pox and fever in parts.
Tanjore ...	·26 (average of four stations).	Standing crops generally good, though require rain in parts; harvest paddy, yield below average; cattle-disease slight.
Madura ...	·25 (average of three stations).	Standing crops fair; harvest *cholum*, outturn below average; fever, cholera, and cattle-disease in parts.
Malabar ...	16·13 (average of fourteen stations).	First crop partially destroyed by heavy rain in parts; small-pox, cholera, and fever in parts.
Travancore ...	3·46	Cultivation affected by incessant rain; fever slightly prevalent. *General Remarks.*—General prospects good.
Madras—(July 19th)		
Bellary ...	·69 (average of seven stations).	Standing crops good; harvest summer paddy, yield below average; fever in parts.
Kurnool ...	·59 (average of six stations).	Season generally favourable; more rain wanted; agricultural operations commenced; cattle-disease in parts.
Ganjam ...	1·43 (average of fourteen stations).	Standing crops not thriving for want of timely rain; fever, small-pox, and cattle-disease continue; cholera prevalent.
Kistna ...	·75 (average of eleven stations).	Cattle-disease exists.
Chingleput (Madras) ...	·34 (average of eight stations).	Standing crops wet and dry good where water available; harvest wet and dry crops, outturn below average; agricultural operations progressing; small-pox slight in parts.
Coimbatore ...	·61 (average of eight stations).	Standing crops generally good, though some dry crops damaged in parts by insects or rain; harvest dry crops, outturn average; small-pox and fever in parts.
Tanjore ...	.....	Standing crops generally good, but damaged in two taluks by flood; harvest paddy, yield below average; cattle-disease slight in parts.
Madura ...	1·50 (average of one station).	Standing crops fair; fever, cholera, and cattle-disease in parts.
Malabar ...	9·36 (average of fourteen stations).	Standing crops generally good; small-pox, cholera, and fever in parts.
Travancore ...	1·33	Weeding paddy-fields continues; fever slightly prevalent. *General Remarks.*—No rain at Tanjore; general prospects good.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Bombay—(July 19th)		
Kurrachee ...	Kurrachee, 6·63; Manora, 4·93; Jerruck, 10·84; Tatta, 7·48; rain general throughout district.	River at Kotri on 17th, 17 feet against 13 feet 1 inch last year; crabs and turtles doing some damage in 2 tapas of Ghorabari; fever and colds in five talukas; 2 cases of small-pox in Ghorabari taluka; wheat, red rice, and *bajri* in Kurrachee 24, 36 and 32, in Kotri 30, 32 and 44, in Tatta 24, 44 and 44, and in Jati 18, 44 and 44 lbs. per rupee, respectively.
Hyderabad ...	Average rainfall in eleven talukas 5·97; in Hyderabad in 24 hours 12th and 13th the fall was 8·40.	River rose greatly during heavy rain, has since fallen, but is still high; wheat 24, *juari* 44, *bajri* 39, red rice 34, and white rice 24 lbs. per rupee.
Ahmedabad ...	.....	Total rainfall 19·19; sowing continues; cholera has nearly disappeared; wheat 27 and *bajri* 30 lbs. per rupee.
Baroda ...	5·90	Total rainfall 19·36; sowing of *kharif* finished in some places; general health good; *bajri* 30 and common rice 22 lbs. per rupee.
Surat ...	5·45	Total rainfall 25·43; sowing and transplantation nearly completed; break wanted; flood in Tapti; young crops healthy; *juari* 34 and *nagli* 51 lbs. per rupee.
Násik ...	Igatpuri, 20·00; Peint, 13·00; Násik and Kalwan, 3·23; slight in Yeola, Nando and Malegaon; sufficient elsewhere.	All crops doing well; *bajri* still being sown; locusts disappearing; wheat 24, *bajri* 36, and rice 25 lbs. per rupee.
Colaba (Bombay) ...	Rain very heavy on 12th and 17th; total of week, 8·38.	Total rainfall to date 51·37, being 15·10 above average; abnormal temperature 3° cool on 12th and 17th, *nil* on all other days; vapour in air normal; abnormal wind westerly.
Poona ...	Rain general; more wanted in Sirur and Bhimthari talukas; maximum at Mawal, 16·39; minimum at Indapur, ·58.	Young crops healthy; 3 fatal cholera cases in Poona; *bajri* 42¾ and *juari* 56¼ lbs. per rupee, in Poona *bajri* 36¾ and *juari* 47¾ lbs. per rupee.
Ahmednagar ...	Maximum at Akola, 4·53; minimum at Shrigonda, ·16.	Sowing of *kharif* in progress in all talukas, suspended in Karjat and Shrigonda, where rain is urgently wanted; cattle-disease in Karjat; cholera in Parner 8 attacks, 4 deaths, in Shrigonda 8 attacks, 6 deaths; *bajri*—maximum 60 lbs. in Jhamkhed, minimum 42 in Kopergaon, *juari*—maximum 90 in Jhamkhed, minimum 54 in Kopergaon.
Sholapur ...	·88	Total rainfall 16·69; cholera—70 cases, 25 deaths; *kharif* sowing nearly completed; *bajri* 56 lbs. 32 tolas and *juari* 75 lbs. 3 tolas per rupee.
Dharwar ...	Rain maximum—Hangal, 9·25; Dharwar, 8·11; Bankapur and Kod, above 4·00; Hubli above, 3·00; Navalgund and Karajgi, above 2·00; Ranibennur, Gadag, and Nargund, above 1·00; Ron, ·90; minimum ·30 at Mundargi and Nargund.	More rain wanted in Dharwar, Hangal, Bankapur; excessive rain in other talukas doing much damage to young crops, and break required immediately; slight ague in one taluka and two pettas, and slight foot-and-mouth disease among cattle in Bankapur and Hangal; prices stationary.
Kanara ...	Karwar, 8·00; Kumpta, 13·89; Sirsi, 14·91; Hallial, 5·48.	Total rainfall 65·93; transplanting and weeding in rice-fields continue; sowing in *kumri* lands; excessive rainfall injures plants in low lands; small-pox, fever, and cattle-disease subsiding; common rice in Karwar 11½ seers, in district average 13 seers per rupee.
Rajkot ...	6·46	Total rainfall 12·47; weather cloudy; crops good; cholera in some places; *bajri* 25 and *juari* 20 lbs. per rupee.
		General Remarks.—Sowing mostly completed; transplantation in progress; rain general, heavy in Sind and several districts of the Presidency, where immediate break is required, but more rain is needed in a few talukas of Nasik, Ahmednagar, and Dharwar; cholera in Satara, Sholapur, Ahmednagar thana, and parts of Kathiawar; fever and cattle-disease in a few districts.
Bengal—(July 19th)		
Chittagong ...	2·13	Weather hot, with occasional rain, more rain wanted; cultivation for winter rice going on; prices somewhat high; cholera, small-pox, and cattle-disease still continue; fever has appeared.
Dacca ...	1·48	Weather showery; crops satisfactory; jute harvest commenced.
24-Pergunnahs (Calcutta)	3·67	Early rice, jute, and sugarcane doing well; transplanting of winter rice briskly going on; high lands being prepared; prices of common rice unchanged; health of people and cattle generally good; rivers rising.
Moorshedabad ...	0·90	Transplanting of winter rice has commenced on both high and low lands, but is being somewhat retarded owing to insufficient rainfall; prospects of autumn crops favourable; health of people generally good, except a few cases of fever at Rangamati.
Rajshahye ...	1·50	Prospects of crops favourable; more rain wanted; public health fairly good; prices unchanged.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Bengal—*contd.*		
Burdwan ...	2·21	Prospects fair, but more rain wanted in several parts of the district; public health good.
Rungpore ...	2·33	Weather hot and cloudy; autumn rice being harvested; prospects good; transplanting of winter rice not yet completed; jute and sugarcane promising; prices of food-grains stationary; public health good.
Bhagálpur ...	1·19	More rain wanted for transplanting rice; prospects of autumn crops good.
Purneah ...	0·99	Prospects of crops fair; more rain wanted; weeding continues; health fair; rivers rising.
Patna ...	0·59	Prospects of autumn crops good; transplanting of rice seedlings commenced in Behar sub-division, but more rain wanted; cholera still reported from Behar, Sitao, and Islampur police stations, and small-pox from Giriak outpost.
Durbhunga ...	0·13	Weather hot and cloudy; more rain wanted; prices stationary; cholera has not yet quite disappeared.
Hazáribágh ...	1·85	Weather cloudy, with sunshine at intervals; autumn crops promising; transplanting of autumn rice commenced; cholera and small-pox still reported, but general health good.
Cuttack ...	9·88	Autumn and winter rice being weeded; cholera still reported.
		General Remarks.—Rain fell in all districts during the week, more rain is wanted in several places for transplanting late rice; prospects of jute and sugarcane excellent; early rice is being harvested in some places in Central and Eastern Bengal; manufacture of indigo proceeding generally, with average outturn, except in Durbhunga where the crop is said to be very uneven; cholera still very prevalent in Birbhoom, and cases are also reported from a few other districts; fever has appeared in some districts.
N. W. Provinces and Oudh—		
Benares (July 18th)	Benares, 1·8; Chandauli, 6·3; Gungapur, 1·1.	*Kharif* sowings nearly finished; rice sowings begun in Chandauli tahsil, but owing to want of rain not yet commenced in Benares tahsil; health of cattle good; isolated cases of cholera reported from parts of each tahsil; markets well supplied at moderate prices.
Cawnpore („ „)	Average over 1·4	Weather cloudy and close; prospects of *kharif* continues good; cholera has appeared in Ghatampur and Saih Salimpur; prices stationary.
Allahabad („ 19th)	Average 1·5	Crops flourishing; prices slightly fallen; health good; cholera much diminished in the district.
Gorakhpur („ 18th)	No rain for five days	Sky clear; rain wanted for rice; health good; prices steady.
Jhánsi („ 17th)	Rain from 3·7 in pargana Mau to 9·8 in pargana Jhánsi; average 6·1	Prospects good; sowing of *bajra* and *tili* continues; prices falling.
Agra („ 18th)	Rain in all parganas, from 0·5 to 3·9.	Prices slightly falling; slight fever in one pargana only and a few cases of cholera in another; general health good.
Farukhabad („ „)	Light showers only in four tahsils, moderate fall in the other two.	Prospects good, but in Aligarh tahsil damage has been caused by floods; health good.
Bareilly („ „)	Average 2·0	Weather seasonable; prospects good and little disease.
Meerut („ „)	Occasional light rain	Weather more open during past week; the occasional light rain so far very favourable to agricultural operations, which are in full progress; crops flourishing; supplies sufficient; prices stationary; health good.
Kumaun („ „)	Rain less during the week; three or four days' break.	Crops good; no change in prices; two deaths from *mahamari* disease reported, otherwise health good; foot-disease amongst cattle continues.
Lucknow („ „)	Sadr, 0·7; Maliabad, 0·6; Mohanlalganj, 0·4.	*Kharif* crops sown; *bajra* and *mot* sowing being carried on; cholera reported from tahsil Mohanlalganj, and is again increasing in the city; bazars well supplied; prices steady.
Rae Bareli („ 17th)	Sadr, 2·1; Digbijaiganj, 3·6; Dalamau, 4·2; Salon, 4·4.	Agricultural operations in progress; health of people and cattle generally good; though cholera still continues; prices slightly falling.
Partabgarh („ 18th)	Heavy rain in Kanda tahsil.	Rain wanted in Sadr and Patti tahsil; crops coming on well; prices steady; general health good.
Sitapur („ „)	Rain in all tahsils, but Sidhauli.	More rain required speedily in Sidauli tahsil; prices slightly rising; health generally good; cattle-disease in two tahsils.
Fyzabad („ „)	2·1	Sowings have come up well; cholera still in part of the district.
		General Remarks.—Rain general throughout the Provinces but light except in Jhánsi; agricultural operations still in progress; sowings germinating well, and prospects so far good; prices have a tendency to fall; cholera still continues in eastern districts, but general health fairly good; cattle-disease in Sitapur and Kumaun.
Punjab—(July 18th)		
Delhi ...	4·0	Health good; *kharif* sowings in progress; slight fall in prices of food-grains.
Hissar ...	.....	No report received.
Umballa ...	No rain	*Kharif* sowings in progress; health good; prices steady.
Jullundur ...	2·30	Health good; prices steady.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Punjab—*contd.*		
Amritsar ...	3·60	*Kharif* sowings commenced; health good; slight fall in prices of food-grains.
Sialkot ...	3·0	Health good; prices steady.
Lahore ...	2·0	Health good; prices stationary.
Ferozepore ...	1·20	*Kharif* sowings in progress; health good; prices falling.
Mooltan ...	2·30	Health and crops good; slight fall in price of barley.
Rawalpindi ...	2·50	*Kharif* crops good; health good; slight rise in prices of food-grains.
Dera Ismail Khan ...	3·80	Crops greatly benefited; health good; prices falling.
Peshawar ...	1·0	Crops benefited; slight fall in prices of wheat and gram.
		General Remarks.—Rain has been general except in Umballa; health good; prices of food-grains generally are falling.
Central Provinces—		
Nagpur (July 19th)	7·70	Weather cloudy and wet; prospects good; cholera prevalent; prices steady.
Jubbulpore („ 18th)	12·27	Weather cloudy and rainy; sowings approaching completion; cholera and small-pox prevalent; wheat 17 and rice 12 seers per rupee.
Saugor („ 17th)	7·27	Crops progressing favourably; cotton weeding going on; general health good; prices steady.
Seoni („ 18th)	5·17; rain incessant	Rain favourable to rice crops; cholera and cattle-disease prevalent; prices stationary.
Khandwa („ „)	2·24; showery	*Kharif* sowings continue; small-pox prevalent; wheat 14, rice 11½, and gram 23 seers per rupee.
Hoshangabad („ „)	11·49	Heavy rain on 15th instant caused floods; crops damaged; small-pox prevalent; wheat 15, rice 9, and *juari* 21 seers per rupee.
Raipur („ 15th)	5·13	Reploughing rice-fields commenced; cholera prevalent; prices falling; rice 40 and wheat 30 seers per rupee.
Sambalpur („ 13th)	8·15	Weather seasonable; prospects good; rice 52 seers per rupee.
		General Remarks.—Weather continues cloudy and wet; heavy rain has fallen in most districts; sowings continue; prospects favourable; cholera and small-pox still reported; prices steady.
British Burma— (July 15th)		
Akyab ...	19·86	Total rainfall 104·66; 5 deaths from cholera in the district, otherwise public health good; slight cattle-disease in five townships; sowings commenced.
Rangoon ...	4·41	Total rainfall 32·70; 2 deaths from cholera, otherwise public health good.
Bassein ...	4·45	Total rainfall 51·63; 1 death from cholera in the town and 7 in district, otherwise public health good; cattle-disease in part of district; ploughing proceeding.
Prome ...	1·42	Total rainfall 16·90, apparently more rain in district than in the town; 3 deaths from cholera in town and 13 in the district, otherwise public health good; cattle-disease prevalent in two townships; ploughing still very backward, but improving owing to late rain.
Amherst (Moulmein) ...	15·40	Total rainfall 92·32; public health good both in Moulmein and district; cattle-disease prevalent, but not severe in three townships; sowing still goingon.
Toungoo ...	4·45	Total rainfall 34·37; 12 cases and 2 deaths from small-pox in the district, but none in town; cattle-disease prevalent in part of the district.
		General Remarks.—Some cholera in Prome and Tharawaddy, and a few cases in the other districts of Pegu and Irrawaddy and in Akyab; a little small-pox in Tounghoo, otherwise public health good; cattle-disease continues somewhat prevalent; rain more plentiful in places where it was wanted.
Assam—(July 18th)		
Gauhati ...	·60	Days hot; more rain wanted for transplanting operations; public health good; disease reported from the interior.
Sylhet ...	1·45	State and prospects of crops generally good; tea and sugarcane doing well; public health generally good.
Cachar ...	1·45	Weather intensely warm; rain much wanted; state of *dumahi* and *murali* crops and tea good; ploughing for *sali* crops retarded by want of rain; common rice $21\frac{5}{10}$ seers per rupee; 2 cases of cholera reported from Lakhimpur; cattle-disease reported in the Sadr tahsil, some cases also in Nalukandi.
Dibrugarh ...	2·62	Weather hot; ploughing for *sali dhan*; cattle-disease still reported; public health generally good; heavy and sudden flood in the Subansiri carried away houses, and it is said caused the death of 40 coolies on Dirpai garden, cattle also drowned in Bardolooni and Patalipani.
Mysore and Coorg—		
Bangalore ...	·44	Standing crops and seedlings in good condition.
Mysore ...	·25	Crops in good condition.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Mysore and Coorg— *contd.*		
Mercara ...	18·53	Monsoon continues heavy; the Cauvery again in full flood, many roads impassable, several houses and cattle-sheds have fallen down, many paddy flats in the Padinalkund taluk and on the Mercara plateau are flooded and are injured by landslips; elsewhere crops are doing well; prices stationary; public health good.
		General Remarks.—Rain has fallen abundantly throughout the province, except in the Kolar district where the *ragi* crop is suffering, elsewhere crops generally in good condition; transplanting of paddy commenced in some places; prospects favourable; public health good; fever and murrain abating; prices unaltered; Cauvery river again in high flood.
Berar & Hyderabad— (July 19th)		
Amráoti ...	3·06	*Kharif* crops above ground and in good condition; wheat 18 and *juari* 30 seers per rupee.
Akola ...	4·51	*Kharif* sowings almost completed; prospects favourable.
Hyderabad ...	1·71	Total rainfall from 1st January 10·21 inches; *kharif* crops benefited by the rains of the week; *abi* crops continue to be sown; tanks have received a considerable quantity of water; fever and cattle-disease prevail in places; prices—wheat 16, common rice 11, white *juari* 24¼, yellow *juari* 27½, and *tur* 25 seers per current sicca rupee.
Central India States— (July 19th)		
Indore ...	4·71	Almost continuous rain and drizzle; a break is much wanted, otherwise the *kharif* crop must suffer; health good.
Morar (Gwalior) ...	2·64	Health and prospects good.
Sutna ...	1·85	Weather cloudy and cool; health good.
Neemuch ...	3·13	Public health good.
Goona ...	6·60	Prospects good.
Bhopal ...	·29	Weather cloudy; continuous rain; prospects good.
Agar ...	·69	Health and prospects good.
Nowgong ...	5·19	Prospects very favourable; health fair; prices stationary.
Manpur ...	4·50	Health good; prices stationary.
Rajputana—		
Abu (July 19th)	5·85	Weather cloudy and overcast.
Sirohi („ 16th)	0·06	Tanks, wells, and health good; very little rain up to date.
Marwar („ 14th)	1·01	Fifteen days' water brought into tanks; health good; ploughing almost general; heavy clouds; copious showers reported from districts; prospects good; more rain expected; prices stationary.
Meywar („ 15th)	1·35	Tanks, wells, and health good; prospects very good; weather cloudy.
Harowti („ „)	Deoli, 6·09; Tonk, 1·88; Kotah ·90.	Few cases of cholera at Tonk and Shahpura; prices steady.
Jhallawar („ 12th)	1·89	Prospects favourable; health good.
Ajmere („ 18th)	3·36	Sowings progressing; seasonable weather; few cases of cholera still occurring.
Jeypore („ „)	1·37	Prices stationary; health good.
Ulwur („ „)	3·85	*Kharif* sowings continue; tanks and wells filling; prices of wheat 18, barley 22, *juar* 22½, and gram 21½ seers per rupee; health good.
Nepal—		
Katmandu ...	4·40; Rain almost daily.	Transplanting of rice nearly finished.

E. C. BUCK,
Secy. to the Govt. of India.

B

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GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

[TELEGRAPH.]

ABSTRACT OF FOREIGN TRAFFIC FOR THE MONTH OF MARCH 1882.

CLASS OF MESSAGES.	ROUTE. WEST. Via Teheran. No.	Via Teheran. Indian Value.	Via Turkey. No.	Via Turkey. Indian Value.	Persian Gulf. No.	Persian Gulf. Indian Value.	Via Suez. No.	Via Suez. Indian Value.	ROUTE. EAST. Via Amur. No.	Via Amur. Indian Value.	Via Madras. No.	Via Madras. Indian Value.	Via Rangoon. No.	Via Rangoon. Indian Value.	Native Burma. No.	Native Burma. Indian Value.	Via Paumben. No.	Via Paumben. Indian Value.	TOTAL. No.	TOTAL. Indian Value.
INDIAN.		Rs. A.		Rs. A.		Rs. A.		Rs. A.		Rs. A.		Rs. A.		Rs. A.		Rs. A.		Rs. A.		Rs. A.
Sent	2,899	11,249 1	17	61 7	48	168 1	4,734	19,123 13	...	...	783	3,517 14	307	870 13	436	633 4	1,803	3,638 7	10,027	39,062 [illegible]
Received	2,252	11,752 15	12	34 14	58	174 12	4,673	19,698 3	...	...	754	3,294 3	192	859 2	...	...	1,771	3,509 1	9,712	39,938 [illegible]
TOTAL	5,151	23,002 0	29	96 5	106	342 13	9,407	31,822 0	...	...	1,537	4,812 1	499	1,529 15	436	633 4	3,574	7,137 8	20,639	79,376 [illegible]
TRANSIT. From East to West—																				
Received. Vid Madras	174	678 10	...	...	10	29 10	4,509	19,316 11	...	...	...	...	...	...	...	...	...	...	4,693	20,024 [illegible]
" Rangoon	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" Laingha	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" Paumben	42	138 11	...	...	...	...	492	1,453 12	...	...	...	...	...	...	...	...	...	...	534	1,592 7
From West to East—																				
Sent. Vid Madras	1,722	7,357 12	3	5 10	5	12 10	2,813	11,036 4	...	...	...	...	...	...	...	...	...	...	4,543	18,412 4
" Rangoon	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" Laingha	...	...	...	...	...	...	1	2 11	...	...	...	...	...	...	...	...	...	...	1	2 11
" Paumben	148	534 12	...	...	2	7 3	259	894 1	...	...	...	...	...	...	...	...	...	...	409	1,436 0
From West to West—																				
Vid Bombay and Karachi.	...	...	1	3 12	2	7 2	...	...	...	...	...	...	...	...	...	...	...	...	3	10 14
Vid Karachi and Bombay.	...	...	...	...	4	17 4	...	...	...	...	...	...	...	...	...	...	...	...	4	17 4
From East to East—																				
Vid Paumben	...	...	...	...	...	...	...	...	...	...	69	253 3	5	16 6	...	...	...	...	74	269 9
" Madras	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	68	319 1	68	319 1
" Rangoon	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	2 13	...	...	1	2 13
TOTAL	2,086	8,709 13	4	9 6	23	73 13	8,074	32,703 7	...	...	69	253 3	5	16 6	1	2 13	68	319 1	10,330	42,087 13
GRAND TOTAL ...																			30,969	1,11,463 [illegible]

ABSTRACT OF FOREIGN TRAFFIC WITH INDIA BY THE INDO-EUROPEAN AND RED SEA ROUTES FOR THE MONTH OF MARCH 1882.

ROUTE.		Number of Messages by each Route (exclusive of Transit). To India.	From India.	Total.	Percentage of Number. To India.	From India.	Total.
Indo-European	Viâ Teheran	2,252	2,899	5,151	32·19	37·66	35·06
	" Turkey	12	17	29	0·17	0·22	0·20
	Persian Gulf *viâ* Karachi	58	48	106	0·83	0·62	0·72
Red Sea	Viâ Suez	4,673	4,734	9,407	66·81	61·50	64·02
	Total	6,995	7,698	14,693	100·00	100·00	100·00

GOVERNMENT

DEPARTMENT OF FIN

OF INDIA.

ANCE AND COMMERCE.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT INDIA FOR THE 2nd HALF OF JUNE 1882.

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

Districts.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholum, Jowar), *Holcus Sorghum.* Present fortnight.	Great Millet (Cholum, Jowar), *Holcus Sorghum.* Past fortnight.	Great Millet (Cholum, Jowar), *Holcus Sorghum.* Corresponding fortnight of 1881.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.* Present fortnight.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.* Past fortnight.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.* Corresponding fortnight of 1881.	Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheenu, Coraloo, Murnwa, Nuglee), *Panicum Miliaceum, &c.* Present fortnight.	Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheenu, Coraloo, Murnwa, Nuglee), *Panicum Miliaceum, &c.* Past fortnight.	Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheenu, Coraloo, Murnwa, Nuglee), *Panicum Miliaceum, &c.* Corresponding fortnight of 1881.	Gram. Present fortnight.	Gram. Past fortnight.	Gram. Corresponding fortnight of 1881.	Firewood. Present fortnight.	Firewood. Past fortnight.	Firewood. Corresponding fortnight of 1881.	Salt. Wholesale. Present fortnight.	Salt. Wholesale. Past fortnight.	Salt. Wholesale. Corresponding fortnight of 1881.	Salt. Retail. Present fortnight.	Salt. Retail. Past fortnight.	Salt. Retail. Corresponding fortnight of 1881.	Average wages per month. Able-bodied Agricultural Labourer.	Syce or Horse-keeper.	Common Mason, Carpenter, or Blacksmith.
	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Ganjam	11 13	11 13	13 0	...	...	...	17 13	17 13	17 13	19 10	19 10	19 8	...	...	...	...	...	...	35 3	35 5	32 3	26 10	26 10	35 5	215 13	215 13	215 13	...	...	...	13 13	13 13	12 0	3 12 0	6 0 0	12 0 0
Vizagapatam	8 0	10 8	15 0	...	...	...	9 0	9 0	13 6	11 5	11 5	14 11	21 10	22 11	25 14	19 13	21 13	29 11	31 3	23 13	30 5	24 10	24 10	37 6	93 5	93 5	87 8	15 3	15 3	11 11	14 10	14 10	10 8	5 0 0	6 0 0	11 4 0
Godavery	12 10	11 11	12 10	...	...	...	13 14	13 14	13 14	17 0	18 0	17 0	27 13	29 13	...	...	...	...	28 3	33 11	36 6	25 3	26 3	30 6	194 6	194 6	194 6	14 10	14 10	12 8	14 10	14 10	12 8	4 0 0	5 0 0	15 0 0
Kistna	14 11	14 11	15 3	...	...	...	16 3	15 2	16 11	16 13	16 5	17 6	25 0	25 0	23 6	...	...	...	35 5	35 5	38 3	25 2	25 10	30 13	145 13	145 13	145 13	16 0	16 5	13 2	15 11	15 11	12 13	7 8 0	7 0 0	15 0 0
Nellore	13 8	14 6	12 10	...	...	...	15 13	15 13	14 5	18 0	18 0	15 0	33 10	33 10	28 13	...	...	...	36 6	36 6	30 14	27 5	28 5	26 3	186 10	186 10	93 5	14 13	14 13	13 3	14 13	14 13	12 11	7 8 0	5 0 0	13 5 4
Cuddapah	14 11	14 11	15 6	...	...	...	11 14	12 6	11 14	13 5	14 2	13 5	26 14	28 6	30 13	31 14	30 6	33 5	31 8	31 8	34 8	27 8	31 0	36 2	194 6	194 6	194 6	16 10	16 10	14 13	16 2	16 3	14 6	7 8 0	7 8 0	15 0 0
Anantapur	14 6	14 6	11 8	...	...	...	15 0	15 0	13 14	16 3	16 3	15 2	30 14	33 0	37 2	18 13	18 13	18 13	30 8	31 0	36 14	35 13	35 13	40 5	...	...	...	14 5	14 5	11 14	14 5	14 5	11 14	*	*	*
Bellary	16 5	17 5	15 5	...	...	...	12 5	12 5	13 6	13 8	13 8	14 10	31 14	30 14	37 2	25 6	24 6	32 2	29 2	29 2	33 0	28 0	28 0	37 8	97 3	97 3	97 3	15 13	15 8	13 6	15 8	14 14	13 2	4 0 0	5 0 0	15 0 0
Kurnool	13 6	14 10	12 2	...	...	...	9 14	10 10	10 10	11 6	11 6	11 6	27 6	27 6	32 14	22 8	27 8	32 8	...	...	...	24 6	27 0	30 13	202 3	194 6	199 11	14 6	14 6	12 8	14 0	14 0	12 2	3 0 0	5 0 0	15 0 0
Madras	10 2	11 0	9 8	...	...	...	13 8	14 3	13 11	15 2	15 8	14 14	23 0	23 0	23 0	26 6	26 6	22 6	27 6	28 13	25 11	24 13	24 13	28 2	92 5	92 5	77 13	17 0	17 0	14 5	16 5	16 5	13 14	4 0 0	5 0 0	13 5 4
Chingleput	...	...	...	...	...	...	15 0	15 6	15 0	15 14	16 10	16 2	...	...	...	...	...	...	27 8	28 13	26 10	26 10	26 10	37 6	140 0	140 0	140 0	14 13	14 5	12 11	14 5	14 13	12 5	5 0 0	8 0 0	15 0 0
North Arcot	11 14	11 0	11 0	...	...	...	15 0	15 14	16 13	16 14	16 14	17 5	32 13	32 13	25 8	23 11	30 8	28 2	32 8	34 3	33 5	28 10	28 13	28 6	31 2	201 11	201 11	199 5	19 5	19 5	15 5	18 14	18 14	14 13	5 10 0	5 0 0	13 2 0
South Arcot	10 2	10 2	9 6	...	...	...	15 11	15 3	15 11	16 10	16 3	16 10	...	33 10	33 10	27 11	27 5	26 3	30 3	39 5	33 3	29 11	31 8	31 8	194 6	194 6	194 6	15 10	15 10	12 6	15 3	15 10	12 6	1 14 0	4 0 0	11 4 0
Tanjore	11 0	11 0	11 0	...	...	...	18 5	18 5	15 13	...	...	...	35 13	...	28 10	31 14	31 14	30 6	39 5	39 5	33 3	29 11	31 8	31 8	194 6	194 6	194 6	17 13	17 0	13 13	17 0	16 3	12 14	*	*	*
Trichinopoly	9 14	9 10	10 10	...	...	...	16 3	15 13	14 13	16 11	16 5	15 3	28 0	28 0	26 10	27 14	27 14	26 11	32 11	31 6	30 2	33 14	33 14	32 5	97 3	97 3	97 3	17 13	17 0	13 13	17 0	16 3	12 14	*	*	*
Madura	11 11	12 8	13 5	...	...	...	15 8	16 6	13 14	16 0	16 14	14 10	30 13	29 3	35 10	30 14	32 5	32 5	32 8	34 2	34 0	42 11	42 11	38 5	170 2	145 13	145 13	16 2	16 10	14 0	15 14	16 6	13 8	4 0 0	7 8 0	20 0 0
Tinnevelly	9 3	9 3	8 14	...	...	...	15 8	16 5	11 14	16 0	16 13	12 6	...	...	...	...	...	...	...	...	...	29 11	29 11	27 2	81 10	81 10	76 13	18 11	18 11	14 13	18 5	18 5	14 5	6 4 0	6 0 0	14 6 0
Coimbatore	12 5	12 5	16 6	...	...	...	13 8	14 6	14 6	14 8	15 6	15 6	26 2	28 11	27 13	35 0	35 0	33 6	32 13	29 8	34 6	30 6	30 6	47 8	131 3	131 3	131 3	14 2	15 2	12 3	13 10	14 10	11 11	5 10 0	7 8 0	18 12 0
Nilgiris	...	...	...	...	...	...	...	...	11 3	...	...	...	...	...	...	...	...	...	*	*	*	21 10	*	*	*	*	*	121 8	*	*	9 3	*	*	*	*	*	*
Salem	12 11	12 11	13 10	...	...	...	14 10	15 0	14 0	15 10	16 0	16 0	29 2	27 5	27 5	23 13	22 14	23 13	30 13	30 13	30 13	35 8	39 6	39 6	151 10	151 10	151 10	15 6	16 6	14 5	14 5	15 0	13 5	2 8 0	6 0 0	23 2 0
South Canara	8 10	8 10	10 5	...	...	...	9 11	9 11	8 11	13 11	13 11	14 11	...	...	...	...	...	...	22 0	22 0	20 3	21 3	21 3	23 3	116 10	116 10	109 5	11 0	11 0	12 6	10 0	10 0	11 5	7 8 0	7 8 0	21 4 0
Malabar	7 3	7 3	11 8	...	...	...	15 0	15 0	15 13	15 6	15 6	16 10	...	...	...	...	...	...	19 11	20 6	23 6	24 6	25 3	33 10	121 8	121 8	121 8	14 6	14 6	10 13	13 8	13 8	9 14	9 6 0	7 8 0	18 12 0
Bombay	10 2	10 4	11 6	16 12	16 14	19 11	7 7	7 10	7 2	12 13	12 13	11 7	19 3	18 7	22 15	15 12	15 9	18 0	21 4	26 10	27 8	16 12	17 3	17 8	71 10	54 9	61 7	14 5	14 5	12 9	14 5	14 5	12 9	9 8 0	11 0 0	27-8 to 30-0
Ahmedabad	12 8	12 8	15 8	...	...	30 0	31 0	6 8	8 0	8 0	8 0	8 0	13 0	17 0	17 0	28 0	14 0	14 0	...	...	...	20 0	22 8	30 0	80 0	80 0	80 0	16 8	16 8	13 4	16 0	16 0	13 0	7 8 0	8 0 0	22 0 0
Kaira	11 7	11 7	13 14	20 0	20 0	20 10	9 2	9 2	9 2	14 9	14 9	13 5	16 0	16 0	22 14	14 0	14 0	18 11	...	...	...	20 0	29 0	21 5	80 0	80 0	80 0	...	...	...	16 0	16 0	12 13	6 0 0	7 0 0	16-0 to 18-0
Surat	11 9	13 6	13 10	7 7	5 6	10 0	7 7	7 7	7 7	6 13	8 5	8 5	8 5	8 5	14 14	15 9	18 13	14 14	...	...	...	16 0	14 14	17 13	80 0	80 0	80 0	13 9	13 10	11 7	13 9	13 10	11 7	4-0 to 7-0	6-0 to 12-0	18-0 to 24-0
Broach	12 5	12 5	16 0	...	...	...	9 6½	9 6½	8 14½	12 9	12 9	11 6½	15 4	16 0	17 12½	13 10	15 4	17 12½	...	25 11	15 4	14 15	15 14	17 3	71 1	71 1	71 1	14 5	14 5	10 2	12 12	12 12	10 2	9 0 0	10 0 0	25-0 to 30-0
Tanna (Salsette)	9 12	9 3	11 11	...	...	...	8 3	8 3	7 3	10 0	10 0	11 4	18 10	18 10	18 10	15 0	15 0	18 0	...	...	25 0	14 0	14 0	14 8	120 0	120 0	110 0	12 0	14 0	11 8	11 0	13 0	11 0	7 0 0	10 0 0	20 0 0
Colába (Alibág)	10 0	10 0	11 0	...	...	...	7 0	7 0	6 12	12 8	12 8	13 0	...	...	...	...	...	...	...	...	...	17 1	15 15	25 2½	140 0	140 0	140 0	15 2	15 6	12 2	15 0	15 0	12 0	6 0 0	6 0 0	15 0 0
Khandesh (Dhulia)	14 9	14 9	18 8¼	...	...	...	7 4	7 4	7 4	10 15	10 15	10 15	23 13	23 13	27 3	18 13½	19 4½	21 9¼	80 0	80 0	27 8	18 0	18 0	25 8	128 0	128 0	115 0	14 6	14 6	12 14	14 2	14 2	12 12	8 0 0	6 0 0	15-0 to 21-0
Násik	15 8	15 8	17 2	...	...	...	7 7	7 7	7 7	12 0	12 0	11 14	...	...	25 15	21 3	21 3	19 11	90 0	90 0	30 0	19 7	20 1	24 5	91 5	91 5	106 6	14 9	14 9	11 9	14 7	14 7	11 8	6 0 0	9 0 0	16 0 0
Ahmednagar	14 0	14 11	16 14	...	...	...	10 0	10 2	8 8	12 6	13 13	10 8	27 6	26 9	32 1	22 5	23 2	25 6	95 0	95 0	38 0	17 4	18 6	18 6	68 0	68 0	76 0	13 10	13 10	12 8	13 6	13 6	12 4	6 0 0	10 0 0	12-0 to 15-0
Poona	12 10	12 10	13 13	...	...	...	11 0	11 0	8 9	12 4	12 4	11 0	21 12	21 12	21 12	18 6	18 6	18 6	90 0	90 0	36 0	20 12	21 7	25 9	85 0	80 0	91 8	13 8	13 12	12 4	12 0	13 8	11 8	6 0 0	9 0 0	20 0 0
Sholápur	14 1	13 2	16 5	...	...	...	10 7	10 15	11 7	11 5	11 5	12 4	31 1	31 8	32 12	23 14	23 7	28 8	90 0	80 0	27 8	15 8	16 0	19 0	110 0	100 0	112 0	11 4	11 12	10 0	11 0	11 0	9 8	7 8 0	7 8 0	15-8 to 18-12
Kaládgi (Bagalkot)	19 0	20 12	17 8	15 0	15 0	17 8	6 8	6 8	8 0	9 0	9 0	9 0	33 0	33 0	28 0	20 0	31 0	28 0	...	...	...	14 5	15 10	16 14	110 15	110 15	129 7	12 6	12 6	11 10	11 10	11 10	10 15	6 0 0	10 0 0	10-0 to 15-0
Kaládgi (Hubli)	12 1	12 1	13 11	...	...	...	9 11	9 11	9 5	11 7	11 7	11 7	25 5	25 5	26 10	22 0	22 0	23 4	85 0	85 0	35 0	13 8	14 8	18 0	80 0	80 0	65 0	12 0	12 8	11 0	11 8	12 0	10 0	4 0 0	8 0 0	12-0 to 15-0
Dharwar (Hubli)	19 0	19 0	18 0	12 0	12 0	11 8	10 0	10 0	11 0	10 8	11 0	11 8	25 0	26 0	27 0	24 0	24 0	30 0	28 0	28 0	49 0	12 0	12 0	21 0	80 0	80 0	80 0	8 12	8 12	8 12	8 12	8 12	8 0	5 10 0	7 0 0	7-6 to 15-0
Gadagiri	21 0	21 0	18 0	12 0	12 0	11 8	10 0	10 0	10 0	11 0	11 0	11 0	24 0	24 0	24 0	23 0	23 0	24 0	21 2	21 2	18 13	14 0	14 0	16 13	120 0	120 0	165 0	11 13	11 13	9 1	11 10	11 10	9 1	5 8 0	9 0 0	14 0 0
Kánara (Karwar)	10 9	10 9	10 9	...	...	...	7 13	8 9	9 4	12 11	13 7	12 11	18 3	18 3	20 13	14 11	14 11	14 11	21 0	21 0	22 4	12 0	12 0	14 5	213 5	213 5	213 5	11 8	13 4	10 8	10 8	12 8	10 0	8 0 0	9 0 0	24 6 0
Panch Mahals (Godhra)	11 6	11 6	13 5	...	...	...	11 6	11 6	11 6	15 0	15 0	15 0	22 8	22 8	24 0	16 0	16 0	16 0	28 0	28 0	40 0	25 0	25 0	32 0	200 0	200 0	200 0	16 0	16 0	...	15 4	15 4	11 6	5 10 0	7 0 0	18 12 0
Kaira	8 0	8 0	8 0	...	...	...	6 3	6 3	6 3	7 0	7 0	7 0	11 8	11 8	11 8	9 9	9 9	9 9	...	...	...	9 5	9 5	9 5	65 5	65 5	65 5	...	...	...	32 0	32 0	32 0	...	10 0 0	30 0 to 37-8
Asirgarh	14 0	14 0	17 0	...	...	...	11 0	11 4	10 0	12 0	12 7	12 0	23 11	24 0	32 0	24 0	24 0	30 0	...	...	...	20 0	20 0	27 9	160 0	160 0	160 0	12 4	12 4	10 0	12 4	12 4	10 0	...	6 0 0	15 0 0
Baroda	10 8	9 12½	11 7	14 0	14 0	20 0	8 12	8 12	7 11	11 10½	11 10½	11 1	16 5½	16 0	22 14	14 14	14 0	14 0	...	...	...	17 8	17 8	20 0	81 10½	75 13	91 0	14 4½	14 10½	12 2	14 0	14 9½	12 0	7 8 0	7 0 0	22 8 0
Dísa	13 4	13 4	15 6	...	...	...	6 6	6 6	6 6	8 11	8 11	8 6	17 13	18 8	25 4	16 0	16 8	21 8	...	...	...	18 8	18 8	20 4	137 8	137 8	137 8	13 8	13 8	10 8	13 0	13 0	10 0	5 10 0	6-0 to 7-0	18 12 0
Nimach	14 0	13 0	19 0	16 8	16 8	28 0	8 8	8 8	8 8	10 0	10 0	9 0	17 0	17 0	28 8	17 0	17 0	22 8	...	...	...	18 0	17 0	23 12	160 0	160 0	160 0	...	...	...	11 0	11 0	8 8	6 0 0	7 0 0	12 0 0
Nasirabad	16 1	15 15	17 10	21 11½	21 11½	22 5¼	6 0	6 0	6 0	7 0	7 0	7 0	23 5½	24 0	24 14	17 4½	17 8	17 8	...	...	...	22 3½	21 9½	22 8	85 0	85 0	83 5½	₹16 6½	₹16 6½	...	16 0	16 0	12 1	6-0 to 7-0	6-0 to 9-0	10-0 to 11-0
Rájkot	2 4	12 2	16 8	...	...	...	6 8	6 0	5 8	11 0	11 0	10 8	14 0	14 6	26 0	12 12	12 12	4 21	16 4	16 0	25 0	80 0	80 0	75 0	50 0	52 8	45 0	48 0	48 0	...	8 0 0	8 0 0	18-1 to 22-0
Upper Sindh Frontier	14 4	14 0	12 8¾	26 0	26 0	17 13½	11 4	11 4	9 2	20 0	22 12	12 8¾	32 0	33 0	32 1	28 0	28 0	28 0	20 0	22 4	18 13	16 0	20 0	23 13	160 0	160 0	160 0	₹12 5	₹12 4½	‡10 10½	‡12 4	‡12 4	‡10 0	...	...	...
Karachi	12 5	12 2	10 8	21 8	21 0	17 0	9 8	9 8	9 0	15 0	15 0	12 0	22 0	22 0	20 0	18 0	18 8	18 0	20 0	20 0	15 0	15 0	15 0	11 0	105 0	105 0	103 0	17 13	17 13	14 3	17 0	17 0	14 0	...	...	...
Haidarabad (Nakur)	16 0	16 0	13 0	25 0	25 0	20 0	12 0	12 0	10 0	20 0	20 0	16 0	26 0	26 0	20 0	25 0	25 0	20 0	14 0	19 7	20 0	14 0	16 0	11 0	480 0	480 0	320 0	14 0	14 0	10 0	14 0	14 0	10 0	...	...	...
Khairpur	13 14	13 10½	12 12½	25 10	26 5	19 12	13 2½	12 12½	10 0	20 0	18 0	16 0	25 7	26 5	29 0	29 0	29 0	29 0	20 0	20 0	19 7	20 0	20 0	16 0	280 0	280 0	220 0	13 2	13 2	11 2	13 0	13 0	11 0	10 0 0	8 0 0	30 0 0
Thar and Parkar (Umarkot)	17 8	17 8	16 8	...	...	...	...	...	...	13 15	14 4	10 4	...	...	...	18 12	19 5	16 4	...	...	...	...	...	...	160 0	160 0	160 0	10 11	10 11	9 10	10 11	10 11	9 10	7-8 to 11-4	10 0 0	18-12 to 37-8

Western Districts.

Burdwan	14 0a	14 0	15 0	40 0	21 0	40 0	21 5	25 8	26 4	24 0	28 4	27 4	...	...	...	...	...	...	...	...	...	23 8	24 0	23 0	120 0	120 0	80 0	2 13 0	2 12 0	...	13 12	13 12	10 0	9 6 0	6 8 0	10-0 to 15-0
Bancoorah	13 12a	18 8	16 0	17 0	18 0	18 0	23 0	25 0	24 0	30 0	35 0	31 4	...	...	...	...	...	...	...	...	...	20 0	20 0	20 0	320 0	320 0	280 0	3 4 0	3 2 0	...	12 1	13 0	9 0	6-0 to 9-0	4-8 to 6-8	7-8 to 12-0
Beerbhoom	14 0c	14 0	19 0	...	...	...	21 0	22 4	22 0	28 0	32 0	28 8	...	...	...	...	...	...	...	...	...	23 8	24 0	25 0	160 0	180 0	180 0	3 4 0	3 3 6	4 0 0	12 8	12 0	9 0	...	5 0 0	9 0 0
Midnapore	14 0d	16 0	15 0	...	...	...	20 0	22 0	27 0	26 0	30 0	33 0	...	...	...	...	...	...	...	...	...	19 0	20 0	18 0	160 0	160 0	160 0	3 0 0	3 0 0	...	13 8	13 8	9 0	5 13 0	5 0 0	6-9 to 7-8
Hooghly	18 0e	18 0	15 0	...	...	...	10 0	10 0	10 0	20 0	20 0	20 0	...	...	...	...	...	...	...	...	...	21 0	21 0	20 0	120 0	120 0	120 0	2 14 0	2 14 0	3 12 0	13 9	13 8	9 0	6-0 to 7-0	...	10-0 to 25 0
Howrah	13 0	13 4	15 4	...	...	...	16 0	16 4	16 0	20 0	20 0	22 8	...	...	...	...	...	...	...	...	...	20 0	21 0	21 4	80 0	80 0	80 0	2 14 0	2 14 0	4 0 0	13 0	13 0	...	7 8 0	6 8 0	14 0 0

AVERAGE WAGES PER MONTH.

a In the sub-divisions retail prices of salt are as follow:—Cutwa 12 seers, Culna 15 seers, and Raneegunge 13-12 seers.
b In the interior retail prices of salt range from 12 to 16 seers.
* Not received.

c In the interior retail prices of salt range from 10 to 14 seers.
d Retail prices of salt in the sub-divisions are as follow:—Contai 12 seers, Tumlook 13 seers, and Ghatal 14-14 seers.
e In the interior retail prices of salt range from 12-8 to 14-12 seers.
† Sambhur. ‡ In common use.

Prices per md. of 40 seers.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT INDIA FOR THE 2nd HALF OF JUNE 1882—*continued.*

QUANTITIES PER RUPEE

PROVINCES.	DISTRICTS.	Wheat.			Barley.			Rice (best sort).			Rice (common).			Great Millet (Cholum, Jowar), *Holcus Sorgum.*			Bulrush Millet (Cumnoo, Baira), *Penicilliaria Spicata.*		
		Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
BENGAL—*continued.*	*Central Districts.*																		
	Calcutta	14 0	13 5	16 0	26 8	26 8	35 8	10 0	10 0	7 4	20 0	20 0	15 4	20 0	23 0	26 10	...	...	...
	24-Pergunnahs	12 0*f*	13 5	13 5	21 4	20 3	26 8	10 0	10 8	10 8	17 0	17 0	18 0	20 0	19 0	...	...	...	...
	Nuddea	14 8*g*	15 4	16 13	26 0	26 0	32 0	17 4	18 13	17 4	20 0	21 5½	22 14	...	...	...	...	...	...
	Khoolna	...*h*	...	...	...	...	...	16 0	22 0	17 0	22 0	28 0	21 0	...	...	...	...	...	...
	Jessore	16 0*i*	16 0	16 0	...	...	...	18 12	18 12	20 0	24 8	29 0	29 0	...	...	...	...	...	...
	Moorshedabad	16 0*j*	16 0	20 0	...	...	...	17 12	18 0	19 0	25 0	24 0	26 0	...	...	...	...	...	...
	Dinagepore	13 0*k*	10 8	13 4	16 0	16 0	24 0	24 0	22 0	25 0	27 0	25 4	34 0	...	...	...	...	...	...
	Rajshahye	13 8*l* to 18 0	16 8	22 8	46 12	48 12	45 0	18 0 to 18 12	18 0 to 18 12	24 0	21 12 to 24 12	21 0 to 24 0	30 0	...	...	...	...	...	...
	Rungpore	16 0*m*	15 0	18 0	...	...	...	16 0	16 0	15 0	20 0	22 8	22 8	...	...	...	...	...	...
	Bogra	17 4	15 12	19 8	...	...	...	16 8	18 0	24 0	28 2	28 2	37 8	...	...	...	...	...	...
	Pubna	18 12*n*	18 0	24 0	...	...	...	10 0	10 0	8 8	24 0	23 4	33 8	...	...	...	...	...	...
	Darjeeling	8 0*o*	8 0	8 0	8 0	8 0	8 0	5 0	5 0	4 0	13 0	13 0	12 0	...	...	...	...	...	...
	Jalpáiguri	9 0*p*	9 0	10 8	20 0	20 0	...	16 0	16 0	16 0	24 0	24 0	22 0	...	...	...	...	...	...
	Eastern Districts.																		
	Dacca	12 4*q*	15 4	15 4	32 0	40 0	40 0	22 0	20 10	23 8	26 12	26 6	32 0	...	...	...	...	...	...
	Furreedpore	22 0*r*	21 0	22 0	35 0	35 0	30 0	22 0	22 0	6 8	28 0	23 0	26 8	...	...	...	...	...	...
	Backergunge	...*s*	...	...	...	...	...	20 0	22 0	22 0	24 0	26 0	30 0	...	...	...	...	...	...
	Mymensingh	11 8*t*	11 8	11 8	...	...	...	22 8	22 8	24 0	29 0	29 0	28 0	...	...	...	...	...	...
	Tipperah	11 8*u*	13 4	14 0	...	...	...	22 0	22 8	26 0	28 8	28 0	38 0	...	...	...	...	...	...
	Chittagong	9 0*v*	9 0	12 4	...	...	...	20 0	18 0	17 0	25 0	22 8	25 0	...	...	...	...	...	...
	Noakholly	... *w*	...	...	...	...	...	27 0	27 0	25 0	31 0	31 0	29 0	...	...	...	...	...	...
	Chittagong Hill Tracts	...	...	...	...	...	...	16 0	16 0	16 0	17 12	17 12	17 3	...	...	...	...	...	...
	Hill Tipperah	11 0	10 0	12 0	...	...	...	24 0	24 0	32 0	32 0	34 0	40 0	...	...	...	...	...	...
	Behar.																		
	Patna	16 8	16 8	22 0	34 0	34 0	40 0	11 8	11 8	15 0	21 8	21 8	22 0	...	...	...	...	...	...
	Gya	17 0*x*	17 8	21 0	28 0	29 0	38 0	12 0 to 17 0	12 0 to 17 0	13 0 to 21 0	20 0	20 8	20 1 to 23 0	...	...	...	...	...	...
	Shahabad	15 0*y*	15 0	20 0	30 0	30 0	35 0	20 0 to 21 0	20 0 to 21 0	19 0 to 21 0	22 0	22 0	22 0 to 23 0	...	...	...	...	...	...
	Durbhunga	14 0*z*	15 0	19 0	35 0	35 0	50 0	14 0	14 0	16 0	17 0	16 0	20 0	...	...	...	...	...	...
	Monufferpore	16 0*z1*	17 0	24 0	30 0	30 0	40 0	12 0	12 0	11 0	16 0	17 0	20 0	...	...	...	...	...	...
	Sarun	15 8*z2*	16 0	19 0	30 0	32 0	41 0	10 0	10 0	10 8	21 0	22 0	22 8	32 0	37 0	42 0	...	...	...
	Chumparun	18 0*z3*	19 0	24 0	36 0	38 0	50 0	12 0	12 0	12 0	21 0	21 0	21 0	...	...	...	...	...	...
	Mongbyr	16 12*z4*	16 12	19 15	34 9	31 8	36 12	15 12	15 11	14 11	19 15	18 15	19 15	...	...	...	...	...	...
	Bhágulpur	14 8*z5*	15 2	17 11	30 4	34 0	34 1	18 15	18 5	18 15	22 12	22 12	20 3	...	...	...	...	...	...
	Purneah	14 0*z6*	16 0	20 0	...	...	40 0	20 0	22 0	22 0	25 0	26 0	30 0	...	...	...	...	...	...
	Maldah	16 0	16 0	21 0	...	...	...	16 0	18 0	20 0	19 0	22 0	24 0	...	...	...	...	...	...
	Sonthal Pergunnahs	18 0*z7*	13 0	15 0	...	...	...	18 0	20 0	24 0	24 0	25 0	27 8	...	...	...	...	...	...
	Orissa.																		
	Cuttack	14 7	13 2	23 10	...	...	...	17 1	15 12	19 11	27 9	26 4	22 5	...	...	...	...	...	...
	Pooree	11 4*z8*	12 8	17 1	...	...	...	22 0	22 0	23 10	25 0	25 0	28 0	...	...	...	...	...	...
	Balasore	16 0	16 0	16 0	...	...	...	26 0	26 0	32 0	32 0	32 0	40 0	...	...	...	...	...	...
	Chota Nagpore—South-Western Frontier Agency.																		
	Hazaribagh	16 0	16 0	20 0	24 0	24 0	...	10 0	11 0	12 0	19 0	21 0	20 0	...	...	...	...	...	...
	Lohardugga	18 0*z9*	18 0	19 0	26 0	28 0	28 0	22 0	22 0	20 0	25 0	26 0	24 0	...	...	...	...	...	...
	Singbhoom	20 0	22 0	24 0	28 0	32 0	40 0	36 0	36 0	32 0	40 0	40 0	36 0	...	...	...	...	...	...
	Manbhoom	13 0*z10*	13 0	18 0	...	...	40 0	19 0	19 0	20 0	34 0	34 0	32 0	...	...	40 0	...	...	...

f In the sub-divisions retail prices of salt are as follow :—Baraset and Bussirhat 13 seers, Diamond Harbour 10-8 seers, Barripore 10 seers, Barrackpore 12-12 seers, and Dum-Dum 12 seers.
g In the sub-divisions retail prices of salt are as follow :—*Koushtea and Ranaghat 13 seers,* Meherpore and Choondanga 12 seers, and Bongong 13-5 seers.
h In the sub-divisions retail prices of salt are as follow :—Bagirhat 11 seers and Satkhira 10-10 seers.
i In the sub-divisions retail price of salt 12 seers.
j In the sub-divisions retail prices of salt are as follow :—Lalbagh 10 seers, Jungypore 11-6 seers, and Kandi 11-8 seers.
k Retail price of salt at Raigunge 11-8 seers and at Nitpore 10 seers.
l In Natiore retail price of salt is 12 seers.
m Retail price of salt in Gaibanda and Kurigram sub-division 12 seers.
n In beraigunge retail price of salt is 13-4 seers.
o Retail price of salt at Kurseong 8 seers, and at Silligori 10 seers.
p Retail price of salt at Fulcootta in Alipore sub-division is 10 seers.
q In the sub-divisions retail prices of salt are as follow:—Manickgunge 12 seers, Moonsheegunge 10-10½ seers, and Naraingunge 13-8 seers.
r In the sub-divisions retail prices of salt are as follow :—Goalundo 12 seers, Madaripore and Gopalgunge 13 seers, and Bhauga 15 seers.
s In the sub-divisions retail prices of salt are as follow :—Patuakhali 10-10 seers, Ferozepore 11 seers, and Bhola 10 seers,
t In the interior retail prices of salt range from 11 to 16 seers.
u In the sub-divisions retail prices of salt are as follow ;—Brahmunberia 13 seers, and Chandpore 12 seers.

INDIA FOR THE 2nd HALF OF JUNE 1882—*continued.*

IN SEERS OF 80 TOLAHS.

Lesser Millets, Ragi, &c. (Kavaru, Verugu, Sawee, Cheena, Coraloo, Murhwa, Nagiee), *Panicum Miliaceum, &c.*			Gram.			Firewood.			Salt.						AVERAGE WAGES PER MONTH.		
									Wholesale prices per maund of 40 seers.			Retail.					
Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Able-bodied Agricultural Labourer,	Syce or Horse-keeper.	Common Mason, Carpenter, or Blacksmith.
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. A. P.	Rs. A. P.	Rs. A. P.	S. Ch.	S. Ch.	S. Ch.	Rs. A. P.	Rs. A. P.	Rs. A. P.
...	...	...	23 0	23 0	22 13	90 0	90 0	90 0	2 8 0	2 10 0	...	14 9	13 8	10 0	10 0 0	7 0 0	11 8 0
...	...	...	18 8	20 0	21 5	80 0	80 0	90 0	2 12 0	3 0 0	4 8 0	14 8	13 5	9 0	10 0 0	6 0 0	15-0 to 20-0
...	...	...	22 0	22 15	29 0	...	...	...	2 12 1	2 13 0	...	12 13½	12 13½	10 0	6 0 0	6 0 0	10-0 to 12-0
...	...	...	12 0	12 0	10 0	160 0	160 0	160 0	3 2 0	3 2 0	4 0 0	11 0	11 10	8 0	8 0 0	5-0 to 7-0	8 0 to 15-0
...	...	...	18 0	18 0	25 0	120 0	120 0	110 0	3 2 0	3 2 0	...	11 8	11 8	8 0	7 8 0	6 0 0	15 0 0
...	...	...	25 0	26 0	32 0	120 0	120 0	120 0	3 5 0	3 0 0	...	11 8	12 8	9 0 to 10 0	5 0 0	5 0 0	7 8 0
...	...	...	17 0	17 4	18 0	160 0	160 0	160 0	3 4 0	3 4 0	...	12 0	12 0	8 8	6-0 to 7-8	5-0 to 8-0	8-0 to 20-0
...	...	...	24 12	24 0	26 0 to 32 0	240 0	240 0	250 0	3 5 3	3 5 3	...	12 0	12 0	9 3	5-0 to 6-0	5-0 to 7-0	12-0 to 15-0
...	...	...	15 0	15 0	12 0	135 0	135 0	120 0	3 5 3	3 5 3	...	11 8	11 8	8 12	7 8 0	6 0 0	12-0 to 15-0
...	...	...	18 12	15 12	15 0	67 8	67 8	67 8	3 2 8	3 5 4	...	12 0	10 8	9 3	5-0 to 6-0	6 0 0	10-0 to 15-0
...	...	...	20 0	20 0	22 0	200 0	200 0	200 0	3 0 0	3 0 0	4 5 0	12 0	12 0	9 0	6-0 to 8-0	5-8 to 6-0	10-0 to 16-8
8 0	8 0	6 0	9 0	8 0	6 0	160 0	160 0	160 0	4 8 0	4 8 0	6 0 0	8 0	8 0	5 0	7-0 to 8-0	8 0 0	17-0 to 21-8
...	...	...	16 0	16 0	13 5	128 0	128 0	64 0	3 4 0	3 4 0	...	11 0	11 0	8 0	7 8 0	8 0 0	20-0 to 30-0
...	...	...	21 0	22 10	18 12	91 4	91 4	106 0	2 15 0	2 15 0	4 0 0	13 5	13 5	9 12	5-0 to 6-0	5-0 to 6-0	8-0 to 20-0
...	...	...	12 0	12 0	12 0	...	...	...	3 5 4	2 15 5	...	11 0	12 0	9 12	7 8 0	6 0 0	15 0 0
...	...	...	18 0	20 0	19 8	100 0	100 0	100 0	3 11 0	3 11 0	...	10 9	10 9	8 8	7 8 0	6 0 0	8-0 to 15-0
...	...	...	16 0	17 0	18 8	...	...	...	3 2 0	3 2 0	...	12 8	12 8	9 4	8-0 to 9-0	6 0 0	12-0 to 30-0
...	...	...	17 0	18 0	18 0	...	...	...	3 4 0	3 2 0	...	12 8	12 12	9 8	6-0 to 9 0	5-0 to 7-0	7-0 to 16-0
...	...	...	16 0	16 0	16 0	80 0	80 0	80 0	2 14 0	3 0 0	4 6 0	13 0	12 0	6 8	7-8 to 10-0	6 0 to 7-0	9-0 to 10-0
...	...	...	14 0	16 0	16 0	...	...	...	3 2 0	3 4 0	...	11 0	10 0	6 0	7-0 to 8-0	5-0 to 7-0	7-0 to 20-0
...	...	...	...	...	...	320 0	320 0	320 0	3 8 0	3 8 0	...	10 9	10 0	6 6	...	...	...
...	...	...	14 0	13 0	10 8	...	...	...	3 6 0	...	...	10 0	10 0	8 0	7 8 0	6 8 0	14 0 0
...	...	...	30 0	30 0	35 0	180 0	180 0	120 0	3 2 0	3 2 0	...	10 9	10 9	9 4	4-0 to 4-8	4-0 to 5-0	5-10 to 8-0
...	...	...	26 0	28 0	32 0	180 0	180 0	160 0	3 4 0	3 4 0	...	11 8	11 8	9 0	2-8 to 3-0	3-0 to 3-0	6-0 to 8-0
...	...	...	30 0	32 0	32 0	120 0	120 0	120 0	3 0 0	3 1 0	...	13 0	12 8	9 8	4 0 0	5-0 to 6-0	6-0 to 8-0
38 0	35 0	40 0	25 0	27 8	27 0	130 0	160 0	180 0	3 4 6	3 4 6	...	11 0	11 0	9 0	3-8 to 4-0	4-0 to 5-0	5-8 to 10-0
...	...	...	25 0	28 0	32 0	140 0	140 0	140 0	3 3 0	3 2 0	...	12 0	12 8	8 8	3-0 to 4-0	3-0 to 3-0	5-0 to 7-0
31 0	32 0	32 0	28 0	31 0	31 8	160 0	160 0	160 0	3 8 0	3 5 0	...	11 0	11 8	8 8	3-0 to 3-12	4-0 to 6-0	6-0 to 10-0
...	...	...	30 0	30 0	35 0	...	...	...	3 8 0	3 8 0	...	10 8	11 0	8 0	5 0 0	4 0 0	8 0 0
...	...	...	31 8	36 12	33 9	126 0	147 0	146 0	3 1 0	3 1 0	...	12 10	12 14	8 6	3 12 0	4 0 0	5-10 to 7-8
...	...	...	29 10	29 0	23 12	151 8	138 14	138 14	3 12 0	2 10 0	...	12 10	12 10	9 6	4-0 to 5-0	4-0 to 5-0	6-0 to 10-0
...	...	...	23 0	23 0	22 0	160 0	160 0	120 0	3 12 0	...	...	10 0	10 0	8 0	4-11 to 5-10	4-0 to 5-0	7-0 to 16-0
...	...	...	26 0	26 0	27 0	120 0	120 0	120 0	3 0 0	3 0 0	...	12 0	13 0	9 0	6 0 0	5 0 0	7-0 to 20-0
...	...	...	20 0	22 0	22 0	200 0	200 0	200 0	3 12 0	...	...	10 8	10 8	8 0	*3 12 0	5 0 0	14-0 to 15-0
14 7	14 7	18 6	22 5	22 5	22 5	160 0	160 0	160 0	3 0 0	3 0 0	3 8 0	13 0	13 0	11 0	5 10 0	4 0 0	7-8 to 10-0
...	...	...	15 0	14 0	13 2	100 0	102 0	100 0	2 12 0	3 2 0	...	14 8	13 0	9 3	7 0 0	5 0 0	8-0 to 10-0
...	...	...	16 0	16 0	13 5	160 0	160 0	140 0	3 2 0	3 2 0	4 6 0	13 0	13 0	9 4	4 11 0	5 0 0	5-0 to 7-0
38 0	42 0	48 0	21 0	20 0	25 0	240 0	240 0	200 0	3 12 9	3 11 3	...	10 0	10 0	8 0	4 4 0	5 0 0	8 0 0
38 0	38 0	44 0	19 0	20 0	20 0	120 0	130 0	140 0	4 0 0	4 0 0	...	9 0	9 0	6 8	3 12 0	...	5-10 to 12-0
...	...	...	24 0	24 0	24 0	180 0	180 0	160 0	4 7 0	4 7 0	...	8 0	8 0	7 0	3 0 0	4-8 to 5-0	5-0 to 10-0
...	...	64 0	17 0	17 0	20 0	120 0	140 0	140 0	3 12 0	3 8 0	...	11 0	11 0	8 8	4 11 0	4 0 0	10 0 0

v Retail prices of salt at Kumeriah 11 seers, Hathazaree 12 seers and Cox's Bazar 10 seers.
w In the interior retail prices of salt range from 8 to 11 seers.
x In the sub-divisions retail prices of salt are as follow :—Jehanabad 12 seers and Nowda 10 seers.
y In the sub-divisions retail prices of salt are as follow :—Sasseram 11-4 seers, Buxar 11-8 seers, and Bhabuah 10-8 seers.
z In the Madhoobani and Tajpore sub-divisions retail price of salt is 11-8 seers.
z1 In the interior retail prices of salt range from 8 to 12-8 seers.
z2 Retail price of salt in Sewan 10-12 seers and in Gopalgunge 12-4 seers.
z3 In the interior retail prices of salt range from 9 to 12 seers.
z4 Retail price of *salt in Begnserai* sub-division 10 seers, and in Jamui sub-division 12-8 seers.
z5 In the sub-divisions retail prices of salt are as follow : —Banka and Soopole 11 seers, and Mudehpoora 10-8 seers.
z6 Retail price of salt in Kissengunge sub-division 10 seers, at Araigunge in Arrareah sub-division 9 seers, and at Kusba 12-4 seers.
z7 Retail price of salt in Godda and Sarowin 10 seers
z8 In the Khorda sub-division retail price of salt 13 seers.
z9 Retail price of salt at Daltongange 9 seers, and at Lohardugga 8-8 seers
z10 Retail price of salt at Raghunathpore and Govindpore 12 seers, and at Burrabazar and Jhalda 10 seers.
* With one meal a day Rs. 2-13, with two meals a day Re. 1-4 to Re. 1-8.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT

QUANTITIES PER RUPEE

INDIA FOR THE 2nd HALF OF JUNE 1882—*continued.*

IN SEERS OF 80 TOLAHS.

PROVINCES.	Districts.	Wheat.			Barley.			Rice (best sort).			Rice (common).			Great Millet (Cholum, Jowaree, *Sorghum Vulgare*).			Dooreah Millet (Cumboo, Bajree, *Penicillaria Spicata*).			AVERAGE WAGES PER MONTH.		
		Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Able-bodied Agricultural Labourer.	Syce or Horse-keeper.	Common Mason, Carpenter, or Blacksmith.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. A. P.	Rs. A. P.	Rs. A. P.
ASSAM.	Sylhet	18 8	19 8	18 8	29 0	29 0	28 0	11 0	11 0	11 0	12 0	12 0	12 0	0 22	0 22	0 14	0 20	0 20	0 16	0	0	0
	Cachar	No return received.			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
	Goálpára	17 0	18 11	21 8	29 11	28 11	30 12	6 9	6 9	6 9	14 5	14 5	11 5	12 10	12 10	24 6	25 6	23 6	23 2	19	12	
	Garo Hills	18 0	18 0	20 8	24 0	24 0	28 0	6 0	6 0	6 0	16 0	16 0	13 0	25 0	25 0	17 0	21 0	20 0	18 0	13	10	
	Kámrúp	19 4	18 14	20 8	23 4	23 0	27 0	6 0	6 0	6 0	11 0	10 15	10 12	23 0	23 0	20 0	20 0	20 0	18 0	13	10	
	Darrang	17 8	17 8	18 8	23 0	22 8	24 0	6 0	6 0	6 0	13 0	13 0	15 0	24 8	24 8	16 4	19 0	19 0	18 0	13	10	
	Nowgong	17 0	17 0	14 0	18 0	16 0	20 0	10 0	10 0	10 0	13 0	13 0	11 8	...	...	...	...	...	...			
	Sibságar	23 8	23 8	20 8	25 0	26 7	27 0	11 4	11 4	10 11	13 0	13 0	11 8	21 6	22 8	14 1	19 0	21 6	14 1	14		
	Lakhimpur	16 0	17 2	19 2	24 8	24 6	28 2	9 6	9 6	7 13	13 12	14 6	12 23	12 20	12 20	6 19	6 19	6 13	6 13	2		
	Khási & Jaintiá Hills	17 0	19 12	19 12	23 0	25 0	28 12	9 6	9 6	9 6	15 0	15 0	12 8	20 0	22 8	18 0	25 0	25 0	20 0	23	2	
	Nága Hills	16 14	17 3	17 2	23 8	23 0	28 8	9 6	9 6	8 2	16 8	16 8	14 4	...	...	...	...	...	...			
N. W. PROVINCES.	Dehra Dún	18 0	18 0	21 4	30 0	30 0	34 0	7 8	7 8	8 0	13 0	13 0	14 0	17 8	22 0	17 0	20 0	18 0	18 0	12	0	0
	Saháranpur	16 12	16 12	20 8	21 8	22 0	26 0	6 8	6 8	6 8	14 0	14 0	13 8	22 0	22 0	17 0	20 0	19 0	18 0	12	0	0
	Muzaffarnagar	16 7	16 13	19 1	21 1	21 0	26 1	8 3	8 3	5 15	14 10	14 9½	11 5	21 12½	21 6	14 7	20 7½	20 6	18 0	12	0	0
	Meerut	17 0	17 12	17 8	21 0	22 0	26 0	5 0	5 0	4 0	12 0	11 0	11 8	...	...	...	...	...	...			
	Bijnor	16 12	16 13	19 1	21 8	22 0	26 1	8 3	8 3	5 15	14 10	14 9½	11 5	21 12½	21 6	14 7	20 7½	20 6	18 0	12	0	0
	Moradabad	17 0	17 12	17 8	21 0	21 8	26 0	5 0	5 0	4 0	12 0	11 0	11 8	...	...	...	...	...	...			
	Budaun	No return received.			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
	Etáwah	17 0	17 0	18 0	22 8	23 0	27 0	6 0	6 0	6 0	14 8	14 8	14 8	16 0	16 0	20 0	20 0	16 0	20 0			
	Etah	No return received.			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
	Johum	19 0	19 0	20 0	20 0	22 0	26 0	8 8	8 8	6 8	13 0	13 0	12 0	28 0	28 0	22 0	24 0	24 0	20 0			
	Jhánsi	21 4	21 4	22 0	33 3	33 0	35 0	10 0	10 0	8 0	15 0	15 0	12 0	30 0	30 0	22 0	27 0	27 0	22 0			
	Lalitpur	21 8	22 8	22 0	27 0	31 0	35 0	10 0	10 0	8 0	15 0	15 0	12 0	30 0	30 0	22 0	27 0	27 0	22 0			
	Cawnpore	17 8	17 12	20 0	24 8	25 8	28 0	10 8	10 8	8 0	15 0	15 0	13 8	24 0	24 0	20 0	23 0	24 0	20 0			
	Fatehpur	16 2	16 10	17 12	21 6	22 4	24 8	11 4	11 4	9 0	16 0	16 0	13 8	30 0	32 0	25 0	30 0	30 0	26 0			
	Bánda	17 8	18 0	20 8	25 0	25 0	28 0	11 8	11 8	9 0	17 8	17 8	14 8	30 0	32 0	25 0	30 0	30 0	26 0			
	Allahábad	16 10	17 2	17 8	24 0	22 0	25 0	11 8	11 8	9 0	17 8	17 8	14 8	24 0	24 0	20 0	25 0	25 0	20 0			
	Hamírpur	15 0	16 0	16 14	22 0	22 10	25 0	10 0	10 0	8 0	15 0	15 0	12 0	22 0	25 0	16 10	22 0	22 0	16 10			
	Jaunpur	18 5	19 1	20 13	25 15	28 4	28 15	8 7	8 7	7 12	16 14	16 14	15 8	...	...	...	...	...	...			
	Gorákhpur	18 0	18 13	20 13½	27 3	32 6½	43 3	14 6½	14 6½	13 3	18 13	18 13	13 8	30 0	32 0	20 0	30 0	32 0	24 0			
	Basti	No return received.			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
	Azamgarh	19 3	19 3	20 10	28 0	31 0	...	8 14	8 14	7 12	17 11	17 11	11 12	...	...	...	...	...	...			
	Mirzapur	16 8	16 0	18 0	23 0	26 0	30 0	10 0	10 0	8 0	18 0	18 0	16 0	26 0	28 0	20 0	26 0	26 0	20 0			
	Benares	16 13	16 13	19 4	25 6	24 15	28 3	12 7	12 7	11 0	18 15½	18 15½	15 12	28 8	28 8	22 0	28 8	28 8	22 0			
	Gházípur	19 5	19 5	22 8	27 11	28 5	32 3	10 15½	10 15½	9 0	20 15½	20 15½	18 0	33 7½	33 7½	24 0	38 10	35 12	25 12	29	10	
	Ballia	16 4	17 0	21 4	26 4	28 12	33 12	10 0	10 0	8 0	17 8	17 8	14 8	22 8	...	...	...	...	...			
	Gházípur	17 10	18 12	22 8	28 12	33 0	38 0	14 8	14 8	12 5	16 4	16 12	12 8	17 8	18 12	12 8	22 8	22 8	18 8			
	Lucknow	16 7	16 9¾	20 0	23 9	23 6	26 15	6 0	6 0	6 0	14 1¼	14 5	11 0	22 8	24 6¼	27 0	23 4	23 10	23 1	0	0	0
	Unáo	17 0	16 0	19 0	24 0	26 0	30 0	11 0	11 0	7 0	16 0	16 0	13 0	...	...	...	31 0	28 0	23 0			
	Bára Banki	20 0	18 14	23 11	27 2	25 2	32 0	8 0	8 0	8 0	17 0	15 12	15 0	20 0	20 0	16 0	19 0	19 0	19 0	0	0	0
	Hardúi	No return received.			28 0	27 0	34 0	7 0	7 0	9 0	15 0	15 0	14 0	30 0	35 0	0	...	...	...			
	Kheri	19 0	18 0	24 0	25 0	23 8	28 0	11 4	11 4	8 0	17 8	17 8	14 0	32 0	31 0	0	...	...	...			
	Fyzabad	17 0	16 12	19 4	25 0	23 8	28 0	11 4	11 8	10 0	17 8	17 8	14 0	32 0	31 0	0	40 0	13 0	18 0	0	0	0
	Báhraich	17 0	17 0	20 8	25 0	24 0	28 0	11 8	11 8	9 0	17 8	17 8	14 0	32 0	31 0	0	40 0	13 0	18 0	0	0	0
	Gonda	19 8	19 4	24 12	34 8	36 12	42 0	15 12	16 0	17 8	17 8	18 0	18 12	36 8	38 0	0	40 0	24 4	24 0	8	0	0
	Rai Bareli	18 0	18 6	22 8	23 0	22 0	27 0	11 0	11 0	8 0	16 0	16 0	14 0	32 0	32 0	0	38 0	21 0	14 0			
	Sultánpur	19 12	20 8	22 8	30 0	27 0	32 0	11 0	11 0	8 0	16 0	16 0	14 0	32 0	32 0	0	38 0	21 0	14 0			
	Partábgarh	18 7	19 14	21 2	27 7	28 7	27 4	15 6	16 6	13 2	16 13	16 11	14 12	...	...	...	...	...	...			
OUDH.	Delhi	18 8	18 0	18 12	23 8	24 12	15 0	15 0	15 0	13 0	24 0	24 0	21 0	40 0	40 0	19 0	18 0	18 0	18 0	4	0	0
	Gurgaon	19 4	19 0	19 0	24 0	25 4	15 0	15 0	15 0	13 0	22 0	22 0	20 0	40 0	40 0	20 0	20 0	20 0	20 0	4	0	0
	Karnal	18 8	19 0	18 0	23 0	24 0	15 0	15 0	15 0	13 0	22 0	22 0	20 0	40 0	40 0	20 0	24 0	24 0	20 0	4	0	0
	Hissar	17 0	18 0	15 8	20 0	20 0	15 0	15 0	15 0	13 0	22 0	22 0	20 0	40 0	40 0	20 0	24 0	24 0	20 0	4	0	0
	Rohtak	17 8	17 8	18 8	23 0	25 0	15 0	15 0	15 0	13 0	22 0	22 0	20 0	40 0	40 0	20 0	24 0	24 0	20 0	4	0	0
	Sirsa	22 0	21 8	16 0	20 0	20 0	15 0	15 0	15 0	13 0	22 0	22 0	20 0	40 0	40 0	20 0	24 0	24 0	20 0	4	0	0
	Umballa	23 1	24 0	24 8	30 0	27 0	32 0	11 0	11 0	8 0	16 0	16 0	14 0	32 0	32 0	0	38 0	21 0	14 0			
	Ludhiana	14 8	13 0	16 0	20 0	21 0	27 0	10 0	10 0	8 0	15 0	15 0	12 0	30 0	32 0	0	38 0	21 0	14 0			
	Simla	24 8	25 0	25 0	36 0	28 0	40 0	15 0	15 0	13 0	24 0	24 0	22 0	40 0	40 0	20 0	24 0	24 0	20 0	4	0	0
	Ambála	25 0	25 0	20 0	35 0	30 0	40 0	15 0	15 0	13 0	24 0	24 0	22 0	40 0	40 0	20 0	24 0	24 0	20 0	4	0	0
	Karnál	24 0	24 0	20 0	30 0	30 0	40 0	15 0	15 0	13 0	24 0	24 0	22 0	40 0	40 0	20 0	24 0	24 0	20 0	4	0	0

[a] Price of barley rising.

• Jaunpur: Present 30 seers, past 30 seers, corresponding 34 seers and 8 chittacks.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT INDIA FOR THE 2nd HALF OF JUNE 1882 —*continued.*

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

Provinces.	Districts.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholum, Jowari, *Holcus Sorghum*. Present fortnight.	Great Millet (Cholum, Jowari, *Holcus Sorghum*. Past fortnight.	Great Millet (Cholum, Jowari, *Holcus Sorghum*. Corresponding fortnight of 1881.	Bulrush Millet (Cumnoo, Bajra, *Penicillaria Spicata*. Present fortnight.	Bulrush Millet (Cumnoo, Bajra, *Penicillaria Spicata*. Past fortnight.	Bulrush Millet (Cumnoo, Bajra, *Penicillaria Spicata*. Corresponding fortnight of 1881.	Lesser Millets, Ragi, &c. (Kavaru, Varagu, Sawee, Cheena, Coraloo, Murhwa, Nuchee), *Panicum Miliaceum*, &c. Present fortnight.	Lesser Millets, Ragi, &c. (Kavaru, Varagu, Sawee, Cheena, Coraloo, Murhwa, Nuchee), *Panicum Miliaceum*, &c. Past fortnight.	Lesser Millets, Ragi, &c. (Kavaru, Varagu, Sawee, Cheena, Coraloo, Murhwa, Nuchee), *Panicum Miliaceum*, &c. Corresponding fortnight of 1881.	Gram. Present fortnight.	Gram. Past fortnight.	Gram. Corresponding fortnight of 1881.	Firewood. Present fortnight.	Firewood. Past fortnight.	Firewood. Corresponding fortnight of 1881.	Salt. Wholesale. Present fortnight.	Salt. Wholesale. Past fortnight.	Salt. Wholesale. Corresponding fortnight of 1881.	Salt. Retail. Present fortnight.	Salt. Retail. Past fortnight.	Salt. Retail. Corresponding fortnight of 1881.	Average Wages per Month. Able-bodied Agricultural Labourer.	Syce or Horse-keeper.	Common Mason, Carpenter or Blacksmith.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Punjab—*continued.*	Amritsar	24 8	25 8	19 8	37 4	39 0	26 8	...	...	...	12 0	12 8	11 0	25 8	28 4	19 0	23 8	24 8	16 8	32 4	32 12	22 0	80 0	80 0	90 0	14 13	15 4	...	14 7	14 14	12 5	6 0 0	6 0 0	12 5 0
	Siálkot	26 0	25 12	19 0	11 0	37 8	29 0	...	...	...	15 0	16 0	13 0	27 0	26 0	15 8	24 0	24 0	12 0	27 8	27 0	18 0	140 0	130 0	140 0	15 4	15 0	...	15 0	15 0	12 0	4 8 0	5 8 0	11 0 0
	Gurdáspur	30 0	30 0	22 8	40 0	40 0	28 0	...	...	...	16 0	16 0	12 0	28 0	28 0	14 0	14 0	13 0	13 0	32 0	33 0	22 0	120 0	120 0	120 0	13 4	13 4	...	12 8	12 8	11 0	4 8 0	5 8 0	10 0 0
	Lahore	23 0	23 0	18 0	35 0	33 0	27 0	...	...	...	10 0	10 0	9 0	28 0	28 0	18 0	22 0	22 0	15 0	29 0	30 0	20 0	80 0	80 0	100 0	15 0	15 0	...	14 0	14 0	11 0	5 6 0	6 8 0	15 0 0
	Ferozepore[a]	23 0	23 0	18 8	35 0	35 0	26 8	...	...	...	11 6	11 0	12 0	32 0	36 0	...	35 0	36 0	...	32 0	32 8	31 0	65 0	70 0	70 0	13 0	13 4	...	13 0	13 0	14 8	5 2 0	6 8 0	11 10 0
	Gujránwála [a]	24 4	23 8	18 8	40 0	38 0	30 0	...	...	...	13 0	12 0	12 0	26 0	30 0	18 0	20 0	20 0	16 0	28 0	28 0	18 0	95 0	95 0	95 0	15 4	15 4	...	15 0	15 0	12 0	3 4 0	5 0 0	9 8 0
	Ráwalpindi	21 4	20 0	12 0	31 0	29 0	21 0	...	...	...	7 12	7 12	6 8	21 0	21 0	16 0	23 0	24 0	15 0	22 14	22 4	15 8	90 0	100 0	40 0	15 0	15 0	...	14 12	14 12	11 14	8 0 0	8 0 0	13 8 0
	Jhelum	23 0	23 0	15 0	30 0	30 0	22 0	...	...	...	11 0	11 0	8 0	23 0	23 0	15 0	20 0	22 0	16 0	23 8	23 0	15 8	120 0	120 0	90 0	16 8	16 8	...	16 0	16 0	13 0	6 0 0	6 0 0	21 0 0
	Gujrát	27 5	26 8	19 0	39 8	38 8	28 0	...	...	...	12 0	12 0	8 0	21 0	21 0	18 0	28 0	28 0	16 0	26 2	25 8	18 0	100 0	100 0	100 0	...*	...*	...	15 0	15 0	12 4	4 0 0	5 0 0	10 0 0
	Shahpúr	20 0	20 0	16 0	31 0	31 8	24 0	...	...	...	13 0	13 0	10 0	19 0	19 0	14 0	19 0	20 0	14 0	24 0	22 8	17 0	320 0	320 0	320 0	17 0	17 0	...	16 0	16 0	14 0	4 8 0	5 8 0	13 8 0
	Mooltan	16 8	17 8	14 0	24 0	23 0	20 8	...	...	...	10 0	10 0	8 0	25 0	24 0	15 0	24 0	24 0	13 0	23 0	23 0	17 0	90 0	90 0	80 0	15 0	13 12	...	14 8	13 8	12 8	6 8 0	6 8 0	6 8 0
	Jhang	21 0	18 8	15 8	31 0	28 0	23 0	...	...	...	12 0	11 0	8 0	14 0	14 0	12 0	18 0	16 0	14 0	26 0	23 12	18 0	200 0	200 0	200 0	15 0	14 8	...	14 4	14 0	12 8	5 0 0	6 0 0	12 0 0
	Montgomery	19 8	19 8	17 0	27 0	24 0	20 0	...	...	...	5 8	5 8	5 8	20 0	...	...	...	...	...	26 0	24 0	19 0	200 0	200 0	200 0	11 8	11 8	...	10 8	10 8	10 8	6 0 0	6 0 0	18 12 0
	Muzaffargarh	18 8	21 0	16 0	27 0	28 0	23 0	...	...	...	5 0	5 0	5 0	18 0	19 0	14 0	18 0	20 0	13 0	19 0	20 0	16 0	80 0	80 0	100 0	...*	...*	...	13 0	13 8	11 0	6 0 0	6 0 0	15 0 0
	Dera Ismail Khán	17 15	18 1	16 11	26 7	27 3	25 8	...	...	...	8 2	8 12	7 8	27 8	27 8	15 0	23 12	24 2	15 10	24 0	24 6	23 13	100 0	100 0	100 0	55 0	55 0	...	53 0	53 0	50 0	5 10 0	6 0 0	15 0 0
	Dera Gházi Khán [b]	18 2	18 2	15 10	25 10	26 4	20 4	...	...	...	7 8	7 8	7 8	22 8	22 8	15 0	20 0	25 0	13 12	20 10	22 8	18 12	100 0	160 0	125 0	28 12	27 8	...	26 4	25 0	25 0	4 0 0	6 0 0	15 0 0
	Bannu	27 8	25 5	19 1	30 0	36 4	20 10	...	...	...	10 0	10 0	6 4	28 12	28 12	15 0	22 8	20 0	15 0	25 10	28 12	29 6	80 0	80 0	80 0	100 0	100 0	...	80 0	80 0	80 0	5 10 0	6 0 0	13 12 0
	Peshawar	18 4	18 0	10 1	36 2	35 12	21 12	...	...	...	9 8	9 8	6 5	27 12	26 8	13 13	12 16	13 6	9 13	18 0	18 4	12 14	91 0	91 0	66 8	55 4	55 4	...	53 0	53 0	40 12	7 0 0	7 0 0	26 4 0
	Kohát	15 5	15 15	11 14	31 14	31 14	22 15	...	...	...	12 2	11 8	7 10	22 14	22 5	14 0	20 6	19 2	...	17 14	18 8	13 11	76 8	76 8	64 0	109 0	91 0	...	95 0	89 0	40 13	9 0 0	8 0 0	25 0 0
	Házára	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Central Provinces.	Nágpur	16 8	17 4	20 0	...	...	...	8 8	8 8	9 12	16 0	14 12	14 0	24 12	24 12	28 0	...	...	...	22 4	22 4	21 0	130 0	130 0	120 0	11 8	11 8	10 8	11 4	11 4	10 4	4 0 0	5 0 0	15 0 0
	Bhandára	19 4	20 8	25 0	...	...	...	10 0	10 4	10 0	20 0	16 8	17 8	24 12	24 8	27 8	...	...	...	24 0	24 12	27 8	...	...	...	11 0	11 0	10 8	10 12	10 12	10 0	4 0 0	5 0 0	15 0 0
	Chánda	17 0	17 8	22 8	...	...	...	13 0	12 0	14 0	21 0	21 8	14 0	25 0	25 0	30 0	...	...	...	25 0	28 0	24 8	360 0	360 0	360 0	...	...	...	10 0	10 8	9 8	...	...	...
	Wardha	20 4	20 4	23 4	...	...	...	8 12	8 12	8 12	16 4	16 0	11 8	25 0	25 0	30 0	...	...	...	24 0	24 0	23 8	120 0	130 0	135 0	12 4	12 4	10 12	12 0	12 0	10 8	4 0 0	6 0 0	8 0 0
	Bálaghát	17 0	17 0	25 0	...	...	...	15 0	15 0	15 0	22 0	22 0	25 0	...	...	...	...	...	...	28 0	28 0	34 12	275 0	275 0	275 0	10 0	10 0	...	10 0	10 0	9 0	3 0 0	4 0 0	15 0 0
	Jubbulpore	16 8	17 0	21 8	20 0	22 0	24 0	10 0	10 0	10 0	15 0	19 0	17 0	...	29 0	33 0	16 0	18 8	22 0	28 0	34 0	34 0	120 0	120 0	120 0	11 14	11 8	...	11 8	11 0	9 8	5 0 0	6 0 0	15 0 0
	Ságor	19 0	19 0	33 0	...	...	...	8 0	8 0	9 0	9 0	9 0	...	...	...	...	...	...	...	24 0	25 0	40 0	160 0	160 0	140 0	8 8	8 8	...	8 4	8 4	7 4	2 8 0	4 0 0	15 0 0
	Damoh	23 0	21 12	14 0	...	...	...	13 8	13 8	12 12	14 8	14 8	13 12	...	...	...	...	...	...	39 0	44 0	49 0	200 0	200 0	200 0	8 8	9 8	6 12	8 4	9 4	7 8	4 0 0	7 0 0	11 0 0
	Seoni	17 8	18 0	24 0	...	...	...	12 8	12 8	11 8	16 0	16 0	17 8	...	...	...	...	...	...	28 8	28 8	34 0	220 0	220 0	200 0	10 0	10 0	7 8	9 8	9 8	7 8	4 0 0	6 0 0	12 0 0
	Mandla	20 8	20 0	32 0	...	...	...	16 8	15 8	16 0	19 8	19 0	22 0	...	...	...	...	...	...	25 0	30 0	32 0	35 0	32 0	55 0	240 0	256 0	256 0	...	...	...	8 12 0	4 0 0	11 0 0
	Betúl	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Chhindwára	18 0	20 0	24 0	...	...	...	8 0	9 0	10 0	14 0	14 0	14 0	4 0	23 0	35 0	...	...	...	18 0	26 0	25 0	200 0	200 0	200 0	10 0	10 0	9 0	9 0	9 0	8 0	...	...	...
	Hoshangabad	14 6	14 6	18 6	...	...	...	4 0	4 0	4 2	11 4	11 4	8 12	21 0	24 0	32 0	18 0	22 0	18 0	24 12	21 6	30 8	160 0	160 0	120 0	8 14	8 7	...	8 5	8 2	5 2	6 0 0	7 0 0	18 0 0
	Narsinghpur	14 8	15 0	21 8	...	...	...	10 0	10 0	10 8	13 8	13 8	12 0	...	...	...	...	...	...	24 0	24 0	39 0	160 0	160 0	160 0	10 4	10 4	8 0	9 12	9 12	7 12	2 8 0	5 0 0	10 0 0
	Nimár	14 7	14 0	18 0	...	...	...	...	...	...	11 11	11 8	10 8	21 4	22 8	40 0	21 9	22 13	31 0	20 13	20 0	26 8	144 0	160 0	160 0	13 8	13 8	9 8	13 0	13 0	9 0	6 0 0	8 0 0	20 0 0
	Raipur	29 0	30 0	40 0	...	...	...	21 0	19 0	20 0	10 0	13 0	11 0	...	...	...	...	...	...	32 0	32 0	35 8	60 0	60 0	70 0	7 14	9 0	8 4	7 12	8 8	7 12	3 0 0	5 0 0	8 0 0
	Sambalpur	28 0	28 0	24 0	...	...	...	40 0	40 0	34 0	47 0	52 0	42 0	...	...	...	...	...	...	28 0	32 0	28 0	120 0	120 0	220 0	9 0	9 0	5 0	8 8	8 8	4 8	...	...	...
	Bilaspur	54 0	54 0	63 0	...	...	...	54 0	61 0	32 0	81 0	90 0	59 0	...	...	...	...	...	...	160 0	100 0	120 0	48 0	48 0	60 0	120 0	120 0	130 0	...*	...	...	3 0 0	4 0 0	6 0 0
British Burma.	*Arakan Division.* Akyab, Northern Arakan, Kyoukpyoe, Sandoway; *Pegu Division.* Rangoon town and Hanthawaddy, Tharrawaddy, Prome; *Irrawaddy Division.* Henzada, Bassein, Thonegwa, Thayetmyo; *Tenasserim Division.* Moulmein town and Amherst, Tavoy, Mergui, Toungoo, Shwaygyin, Salween	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Berar.	Secunderabad	16 5	15 2	15 2	...	...	...	6 13	6 13	7 14	9 13	9 13	9 9	23 14	23 0	23 0	...	...	...	17 4	17 4	21 0	125 0	130 0	125 0	10 8	10 11	9 8	10 0	10 3	9 1	...	...	...
	Bolarum	16 11	17 8	16 6	...	...	...	7 1	7 1	8 1	8 12	8 12	9 9	23 7	26 11	24 7	...	...	...	17 13	20 4	20 9	116 14	116 14	116 14	...	...	...	10 12	10 12	9 8	...	...	...
	Chudderghat	13 0	15 0	9 0	...	...	...	6 0	7 0	6 0	8 0	8 12	8 8	24 0	26 0	21 0	33 0	33 0	30 0	17 0	19 0	24 0	80 0	80 0	80 0	...	...	...	9 8	9 8	8 12	...	...	...
	Amráoti	16 0	16 0	21 0	10 0	10 8	9 8	8 0	8 0	7 0	10 0	10 0	8 0	26 0	27 0	36 0	20 0	24 0	26 0	20 0	21 0	24 0	64 0	70 0	70 0	12 0	12 8	11 8	11 8	12 0	11 0	7 0 0	6 0 0	15 0 0
	Akola	16 0	16 0	19 0	8 0	8 0	12 0	6 0	6 0	8 0	8 0	8 0	8 0	30 0	30 0	36 0	24 0	23 0	24 0	21 0	21 0	24 0	64 0	64 0	64 0	11 0	11 0	9 0	10 0	9 0	10 0	7 0 0	7 8 0	15 0 0
	Ellichpur	14 0	14 0	20 0	...	...	...	...	...	...	10 0	10 8	10 0	22 0	22 0	27 0	20 0	20 0	26 0	28 0	28 0	35 0	...	...	...	...	...	...	10 0	10 0	10 0	7 0 0	7 8 0	15 0 0
	Buldána	19 0	20 0	27 0	...	...	...	...	...	...	11 0	11 0	11 0	32 0	32 0	52 0	28 0	30 0	30 0	24 0	22 0	23 0	100 0	100 0	100 0	...	...	...	10 0	11 0	10 0	5 10 0	7 8 0	22 8 0
	Wún	14 0	14 0	17 0	...	...	...	7 0	7 0	7 0	10 8	10 8	11 0	30 0	30 0	35 0	...	...	...	22 0	22 0	23 0	100 0	100 0	100 0	...	...	...	8 0	8 0	8 0	5 10 0	7 8 0	15 0 0
	Basim	20 0	21 0	21 4	...	...	...	5 0	5 4	5 0	13 0	13 0	13 12	32 0	30 0	47 0	...	...	...	25 0	26 0	27 0	64 0	64 0	64 0	11 8	10 0	8 8	11 0	9 8	8 0	6 0 0	6 0 0	15 0 0

[a] Price of jowar rising.

[b] Price of bajra rising.

* Salt not sold wholesale.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT INDIA FOR THE 2nd HALF OF JUNE 1882 —*concluded*.

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

Provinces.	Districts.	Wheat.			Barley.			Rice (best sort).			Rice (common).			Great Millet (Cholum, Jowar), *Holcus Sorghum*.			Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata*.		
		Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
Mysore.	Bangalore	12 2	11 14	12 3	13 1	12 14	13 4	10 2	10 0	9 10	11 1	11 7	11 11	24 12	25 0	23 1	...	...	...
	Kolar	...	...	...	...	12 0	...	13 15	13 2	11 14	15 3	15 3	14 15	...	...	...	...	...	...
	Túmkúr	14 8	14 8	14 8	13 0	13 0	12 0	12 0	12 0	12 0	12 8	12 8	14 0	...	...	...	...	...	...
	Mysore	10 4	11 6	10 0	...	...	...	10 12	10 0	11 1	11 12	10 12	11 12	...	...	...	...	...	...
	Hassan	12 0	12 0	12 0	13 0	13 0	13 0	10 0	10 0	12 0	11 0	11 0	12 8	...	...	...	...	...	...
	Shimoga	12 10	14 11	14 11	14 11	15 12	15 12	10 8	10 8	13 2	12 10	14 3	16 13	27 5	25 4	17 12	...	...	...
	Kadur	16 0	16 0	14 0	15 0	15 0	...	12 0	12 0	18 0	14 0	14 0	19 0	...	...	...	...	...	...
	Chitaldroog	16 0	16 0	16 0	18 0	18 0	20 0	12 0	11 0	12 0	13 0	12 0	13 0	36 0	32 0	18 0	28 0	23 0	18 0
Coorg	Coorg	7 15	8 9	9 0	8 7	9 2	10 0	10 11	10 10	11 8	13 2	13 13	17 10	...	...	...	...	...	...
Central India.	Jeypore	16 8	16 4	15 12	22 0	21 0	21 8	6 0	6 0	6 4	9 0	9 0	8 12	20 0	20 0	24 0	19 0	19 0	19 0
	Kishengurh	15 8	15 12	17 8	22 0	22 8	27 0	7 0	9 0	8 8	8 0	10 8	9 0	22 0	23 8	26 8	19 0	20 0	21 0
	Kerrowlee	17 0	17 0	*	20 0	20 0	*	13 8	13 8	*	15 0	15 0	*	20 0	20 0	*	17 8	17 8	*
	Ulwur	17 0	17 6	17 2	21 8	21 11	21 2	8 0	8 0	8 0	11 11	11 11	10 10	22 2	21 13	21 1	16 0	16 8	19 0
	Bhurtpore (City)	17 8	17 8	17 4	22 8	22 8	23 0	6 8	6 8	6 4	11 0	11 0	7 8	23 8	23 8	25 4	19 8	19 8	19 12
	Ajmere	14 8	15 8	15 8	21 0	21 8	23 0	5 0	5 0	5 0	8 0	8 0	8 0	19 0	18 0	20 0	16 0	16 0	19 0
	Deoli Cantonment	16 0	16 5	18 6	19 5	20 4	23 15	...	...	...	10 8	10 8	10 0	20 0	21 7	27 0	16 1	17 0	22 0
Rajputana.	Erinpura	16 10	17 3	18 0	29 0	29 14	26 8	...	...	...	8 0	8 0	7 0	25 0	25 0	23 0	23 0	22 0	23 0
	Sirohee	17 0	17 0	...	28 0	28 0	...	7 0	7 0	...	8 4	8 8	...	17 0	18 0	...	21 0	21 0	...
	Abu	15 6	15 2	14 8	22 12	22 12	22 12	6 8	6 8	5 8	8 0	8 0	8 0	...	...	...	18 4	18 4	18 14
	Anadra	17 2	17 4	16 4	26 4	26 8	28 0	7 0	7 0	6 0	9 0	9 0	8 8	...	...	...	21 0	21 4	21 8
	Hilly Tracts of Meywar	18 8	19 0	23 0	26 0	26 0	16 0	...	...	...	17 0	19 0	15 0	...	...	...	...	...	...
	Meywar (Oodeypore)	14 1	13 13½	16 0¼	18 5¾	17 15½	21 7¾	10 15	10 2¼	9 6	...	...	...	...	...	...	...	...	...
	Bánswára (Meywar Agency)	21 4	21 4	28 12	...	...	...	10 0	10 0	7 8	18 12	17 8	17 8	...	...	...	...	...	...
	Partábgarh (»)	15 6	15 2	21 4	...	...	...	10 15	10 5	7 8	13 7	13 5	13 12	...	...	...	...	...	...
	Marwar (Jodhpore)	14 11	15 10	14 8	20 0	21 4	18 12	6 4	6 4	5 0	6 14	7 8	6 4	20 0	21 4	18 14	17 8	18 12	17 8
	Bikaneer	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Boondee	16 8	17 0	25 0	25 8	25 0	32 0	9 8	9 0	7 0	10 0	9 8	9 0	26 0	26 0	32 0	...	...	28 0
	Kotah	16 4	17 4	25 4	21 0	22 0	32 0	8 12	8 12	7 12	11 0	11 0	10 0	20 0	21 0	40 8	16 0	16 0	20 0
	Tonk	13 14	14 2	18 11	19 6	20 5	27 0	7 0	7 0	7 0	10 0	10 0	8 15	21 1	21 5	29 5	16 0	18 10	25 4
	Jhallawar	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Shahpoora	17 12	17 12	19 0	21 0	21 2	24 0	10 9	10 8	9 0	13 8	14 0	13 12	18 0	19 12	26 12	17 0	18 0	15 0
	Dholpur	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Central India.	Indore	14 12	14 2	20 0	...	...	...	9 3	8 9	8 0	10 14	10 0	9 3	20 0	20 0	38 8	19 3	20 0	30 0
	Gwalior	14 12	15 7	15 11	20 9	21 0	19 11	7 5	7 5	6 12	9 10	9 10	9 8	19 3	20 2	19 11	15 9	15 9	14 10
	Goona	20 0	21 0	26 8	17 0	17 0	20 0	9 8	9 8	9 4	10 0	10 0	10 0	24 0	24 0	35 0	17 0	17 0	20 0
	Baghelkhand (Sutna)	21 0	21 0	22 4	33 6	33 12	33 3	8 0	8 0	9 0	19 1	18 11½	19 1	35 0	35 0	29 14	24 0	24 0	21 1

* Not received.

Provinces.	Districts.	Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Coraloo, Murhwa, Nuglee), *Panicum Miliaceum*, &c.			Gram.			Firewood.			Salt.						AVERAGE WAGES PER MONTH.		
											Wholesale.			Retail.			Able-bodied Agricultural Labourer.	Syce or Horse-keeper.	Common Mason, Carpenter, or Blacksmith.
		Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.			
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Mysore.	Bangalore	25 12	25 8	30 15	29 4	29 8	33 12	96 0	84 0	84 0	12 4*	12 4	10 8	11 11*	11 11	10 0	...	...	...
	Kolar	28 13	31 0	33 0	31 15	31 6	42 3	172 6	172 6	172 6	12 10*	12 4	11 5	12 5*	12 0	11 1	...	...	...
	Túmkúr	23 0	32 0	35 0	36 0	36 0	38 0	340 0	340 0	340 0	11 0†	11 0	12 8	10 8††	10 8	12 0	...	...	...
	Mysore	20 0	19 0	22 13	27 0	27 0	33 5	72 0	72 0	81 0	8 4*	8 4	7 12	8 0*	8 0	7 10	...	...	...
	Hassan	24 0	23 0	30 0	28 0	26 0	30 0	600 0	600 0	600 0	...	...	...	9 0*	8 0	7 0	...	...	...
	Shimoga	27 14	28 14	43 0	29 6	26 4	38 14	480 0	480 0	480 0	10 8*	10 8	...	10 0*	9 7	8 6	...	...	...
	Kadur	25 0	24 0	36 0	23 0	22 0	24 0	64 0	64 0	64 0	...	...	...	11 0*	10 0	9 0	...	...	...
	Chitaldroog	40 0	32 0	50 10	28 0	28 0	48 0	100 0	100 0	100 0	12 0†	12 0	16 0	12 0†	12 0	16 0	...	...	...
Coorg	Coorg	19 7	19 13	32 12	21 11	21 14	32 6	110 0	110 0	110 0	9 7	10 8	...	8 10	9 8	8 4	7 8 0	8 0 0	22 8 0
Central India.	Jeypore	...	...	...	17 8	18 8	18 0	...	...	...	13 8	14 0	...	13 8	13 8	11 0	4 0 0	5 to 6	8 to 10
	Kishengurh	...	...	...	21 8	21 12	26 8	...	...	...	...	...	...	16 0	16 12	12 8	4 0 0	5 to 6	8 to 10
	Kerrowlee	...	...	...	19 0	19 0	*	...	...	...	13 10	13 10	*	13 8	13 8	*	*	*	*
	Ulwur	...	...	...	20 15	20 13	17 15	...	...	...	15 13	15 13	...	15 6	15 6	12 8	...	...	...
	Bhurtpore (City)	...	...	...	20 8	20 8	18 8	...	...	...	14 8	14 8	...	14 0	14 0	12 8	...	...	...
	Ajmere	...	...	...	20 8	21 8	20 0	70 0	70 0	60 0	...	...	...	15 0	15 0	12 0	...	...	...
	Deoli Cantonment	...	...	...	19 2	20 6	21 2	...	...	...	...	...	...	13 1	13 10	12 8	...	...	...
											Rs. A. P.	Rs. A. P. per md.	Rs. A. P.						
Rajputana.	Erinpura	...	...	...	23 0	23 2	21 8	170 0	170 0	160 0	3 1 2	3 1 2	...	12 0	12 0	11 0	...	...	...
	Sirohee	...	...	...	20 8	21 8	...	160 0	160 0	...	3 5 0	3 5 0	...	11 7	11 7	...	...	...	...
	Abu	...	...	...	18 12	18 4	16 6	160 0	160 0	160 0	3 12 0	3 8 0	...	10 8	10 8	10 8	...	...	...
	Anadra	...	...	...	21 0	21 0	18 12	...	...	...	3 8 0	3 8 0	...	11 8	11 8	11 8	...	...	...
	Hilly Tracts of Meywar	...	...	...	24 0	24 0	32 0	†	†	†	...	...	...	10 8	10 0	8 8	...	...	...
											S. Ch.	S. Ch.	S. Ch.						
	Meywar (Oodeypore)	...	...	...	16 12½	16 12½	21 11	200 0	200 0	200 0	10 2½	9 12½	...	9 12½	9 6	6 7	...	...	...
	Bánswára (Meywar Agency)	...	...	...	35 0	31 4	50 0	...	...	...	...	...	...	11 4	11 4	9 1	4 0 0	4 0 0	9 to 15
	Partábgarh (»)	...	...	...	19 11	19 1	31 4	...	...	...	...	...	...	10 0	10 0	8 12	6 0 0	4 13 0	12 to 16
											Rs. A. P.	Rs. A. P. per md.	Rs. A. P.						
	Marwar (Jodhpore)	...	...	...	18 2	20 0	13 12	...	...	...	2 9 0	2 9 0	...	15 0	15 0	15 0	...	...	...
											S. Ch.	S. Ch.	S. Ch.						
	Bikaneer	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Boondee	...	...	...	24 8	25 12	32 0	140 0	140 0	160 0	11 12	12 0	9 0	11 8	11 12	...	5 10 0	5 10 0	7-8 to 10
	Kotah	...	...	...	23 8	24 12	32 8	240 0	240 0	240 0	12 4	12 0	...	11 12	11 8	8 12	...	...	...
	Tonk	...	...	...	18 15	19 10	25 4	160 0	160 0	95 0	12 10	13 4	10 12	12 7	13 0	...	8 12 0	2 13 0	7 8 0
	Jhallawar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Shahpoora	...	...	...	19 6	19 8	22 8	160 0	160 0	160 0	13 8	13 8	10 5	13 4	13 4	...	4 11 0	4 11 0	9 8 0
	Dholpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Central India.	Indore	...	...	...	18 7	18 0	26 10	100 0	100 0	100 0	11 8	11 0	...	10 14	10 0	6 10	5 0 0	6 8 0	12 0 0
	Gwalior	...	...	...	18 15	26 1	16 12	109 8	109 8	127 12	...	...	...	11 5	11 5	9 10	4 0 0	5 0 0	10 0 0
	Goona	...	...	...	24 0	24 3	35 8	200 0	200 0	200 0	11 8	12 0	...	11 0	11 8	10 0	4 to 5	4 to 5	10 to 15
	Baghelkhand (Sutna)	...	...	...	29 8	30 0	27 13	160 0	160 0	160 0	12 1	12 8	11 0	11 5	11 12	10 4	3 8 0	4 8 0	10 0 0

* Sea Salt. † Earth Salt. †† Eight pies per man's load.

DEPARTMENT OF FINANCE AND COMMERCE,
(*Statistical Branch.*)

D. M. BARBOUR,
Offg. Secretary to the Government of India.

GOVERNMENT OF INDIA.

DEPARTMENT OF FINANCE AND COMMERCE.

SUPPLEMENT TO THE STATEMENT OF PRICES CURRENT OF FOOD-GRAINS FOR THE 2nd HALF OF MAY 1882, PUBLISHED IN PAGES 886 AND 887 OF THE SUPPLEMENT TO THE "GAZETTE OF INDIA," DATED 24th JUNE 1882.

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

Province.	District.	Wheat.			Barley.			Rice. Best sort.			Rice. Common.			Great Millet (Cholum, Jowar), *Holcus Sorghum.*			Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.*			Lesser Millets, Ragi, &c. (Kavaru, Verngoo, Sawee, Cheena, Coralou, Murhwa, Nuglee, &c.), *Panicum Miliaceum, Eleusine Coracana, &c.*			Gram.			Firewood.			Salt. Wholesale.			Salt. Retail.		
		Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.
		S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.
Madras	Nilgiris	9 14	9 14	10 10	...	...	...	9 10	9 10	11 3	12 0	12 0	12 0	20 0	18 5	20 0	19 10	19 10	21 0	20 3	20 3	21 10	21 10	21 10	27 6	121 8	121 8	121 8	11 0	11 0	9 3	11 0	11 0	9 3

Department of Finance and Commerce,
(*Statistical Branch.*)

D. M. BARBOUR,
Offg. Secretary to the Government of India.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

IRRIGATION OPERATIONS OF FASL KHARIF, N.-W. PROVINCES, 1882, UP TO 31st MAY 1882.

Canal Division.	Water distributed during May 1882: Depth in Canal at regulating gauge in feet. Full supply.	Water distributed during May 1882: Depth in Canal at regulating gauge in feet. Actual average throughout.	Gross Consumption, cubic feet per second. Allotted discharge.	Gross Consumption, cubic feet per second. Actual average throughout.	Total area of irrigation during current fasl.	Total area for the corresponding period of last year.
Upper Ganges. Northern	10·00	...	740	527	30,605	17,960
Upper Ganges. Anúpshahr	6·80	...	700	993	48,031	40,058
Upper Ganges. Meerut	8·30	...	969	1,477	51,368	39,921
Upper Ganges. Bulandshahr	7·35	...	972	950	46,240	47,070
Upper Ganges. Aligarh	5·50	...	994	815	61,186	63,091
Lower Ganges. Narora	...	...	...	255	11,649	9,606
Lower Ganges. Mainpuri	...	...	...	500	28,335	24,919
Lower Ganges. Cawnpore	6·20	...	958	643	44,111	47,515
Lower Ganges. Etáwah	4·80	...	771	974	55,191	60,395
Lower Ganges. Bhognipur	...	...	...	564	19,868	15,431
Total, Upper and Lower Ganges Canals	...	...	...	7,698	396,584	365,966
Eastern Jumna Canal	...	...	1,250	1,075	50,342	43,213
Agra Canal	...	...	2,000	892	25,856	24,598
Rohilkhand	...	...	...	140	11,287	8,574
Bijnor	...	...	...	...	718	3,088
Dún	...	...	...	114	2,030	2,059
Jhánsi	...	...	...	...	23	13
Hamírpur	...	...	...	...	27	12
Total	...	...	...	...	486,867	447,523

Land irrigated (approximate).

Zila.	Sugarcane.	Indigo.	Rice.	Cotton.	Other food-grains.	Fodder crops.	Miscellaneous.	Total.
Saháranpur	18,580	1,730	639	72	17	54	1,071	22,163
Muzaffarnagar	46,460	3,769	2,166	199	37	177	740	53,548
Meerut	71,160	14,945	1,540	1,062	357	540	935	90,539
Bulandshahr	8,597	47,023	92	1,414	245	105	947	58,423
Aligarh	1,182	42,926	116	460	194	72	511	45,461
Muttra	1,635	6,981	...	2,837	...	46	998	12,497
Agra	1,117	5,169	2	186	61	6	664	7,205
Etah	3,783	23,301	57	42	568	21	1,202	28,974
Mainpuri	4,671	33,205	18	7	537	23	724	39,185
Fatehgarh	2,101	18,078	...	...	187	10	182	20,558
Etáwah	7,673	37,392	...	...	163	16	569	45,813
Cawnpore	4,343	34,982	592	...	658	344	554	41,473
Delhi	8	...	...	...	...	...	...	8
Gurgaon	2,089	1,797	...	2,902	1	93	53	6,935
Dehra Dún	974	...	774	...	...	...	282	2,030
Bijnor	...	...	...	...	...	...	718	718
Tarái	1,282	...	...	...	...	...	...	1,282
Pilibhit	1,067	...	...	...	...	...	...	1,067
Bareilly	8,938	...	...	...	...	...	...	8,938
Jhánsi	21	...	...	...	...	...	2	23
Hamírpur	11	...	15	...	...	...	1	27
Total	185,692	271,298	6,011	9,181	3,025	1,812	9,848	436,867
Total for the same period last year	151,089	268,488	2,300	9,655	3,328	1,562	11,101	447,523
Increase	34,603	2,810	3,711	...	...	250	...	39,344
Decrease	...	...	...	474	303	...	1,253	...

Rainfall. Total from 1st April to 31st May 1882.	Rainfall. Average of ten previous years for the same period.
·4	·99
1·1	1·0
·77	·57
·9	·55
·5	·23
·48	·77
·8	·35
...	·66
2·0	·45
1·02	·35
·4	·48
·7	·83
·3	·71
·2	1·9
4·1	·81
1·4	·73
·7	·84
1·7	·74
3·0	·19
·6	·56
...	...
...	...

Remarks.

	Cubic feet per second.	
Entering head of Ganges Canal	6,446	
„ Lower Ganges Canal	1,953	
		8,399
Expended—		
Ganges Canal	4,762	
Lower Ganges Canal	2,936	
		7,698
Escapes—		
Anúpshahr Branch	3	
Meerut Division	47	
Aligarh ditto	42	
Mainpuri ditto	102	
Cawnpore ditto	247	
Etawah ditto	49	
Bhognipur Division	1	
Loss by percolation, Narora Division	166	
	657	
Unaccounted for	44	
		8,399

Executive Engineer, Meerut Division, reports that the greatest difficulty has been experienced in keeping alive the large area of sugarcane and indigo sown in March and April, and that in many places rice and cotton irrigation has had to be forcibly stopped to permit of sugar being irrigated.

Executive Engineer, Mainpuri Division, reports that there was a strong demand throughout the month for indigo and all kharif crops.

Executive Engineer, Eastern Jumna Canal, reports that there was a steady medium demand up to the 20th of the month, after that a full demand.

Executive Engineer, Rohilkhand Canals, reports that water was in great demand throughout the month for sugarcane; and that the area irrigated this year is larger than usual; whilst the supply in the rivers is below the average. There was rain on the 10th, 11th and 14th, which slightly eased the demand. In the Tarai water is being taken for early rice sowings.

Allahabad,
The 30th June 1882.

G. H. D. WALKER,
Asst. Secy. to Govt., N.-W. P. and Oudh, P. W. D., Irrigation Branch.

STATEMENT OF TRAFFIC ON THE AGRA CANAL FOR THE MONTH OF MAY 1882.

Nature of Traffic.	AGRA CANAL. Principal items of Traffic. Up. Mds.	Up. No.	Down. Mds.	Down. No.	Total up and down. Mds.	Total up and down. No.
Grains—						
Wheat	525	...	225	...	750	...
Gram	...	...	...	...	...	...
Rice	...	...	...	...	...	...
Paddy or dhán	...	...	...	...	...	...
Bejhar or mixed grain	...	...	150	...	150	...
Dal—						
Urd	...	...	...	...	...	...
Mung	...	...	...	...	...	...
Arhar	...	...	...	...	...	...
Masuri	...	...	...	...	...	...
Juár	...	...	150	...	150	...
Bájra	...	...	...	...	...	...
Maize or Indian-corn	...	...	...	...	...	...
Barley	...	...	...	...	...	...
Total	525	...	525	...	1,050	...
Cotton	...	...	300	...	300	...
Oilseeds	...	...	...	...	...	...
Salt	...	...	...	...	...	...
Metals	...	...	...	...	...	...
Building materials	11,550	...	20	...	11,570	...
Miscellaneous goods	315	...	1,705	...	2,020	...
Firewood	...	...	...	...	...	...
Bamboos	...	...	50	...	50	...
Timber—						
Poles and unsquared timber	...	...	50	...	50	...
Karis and squared timber	...	...	250	...	250	...
Logs	...	...	...	...	...	...
Miscellaneous timber	...	...	...	...	...	...
Live-stock	...	...	...	...	...	...
Grand Total	12,390	...	2,900	...	15,290	...
Total during corresponding period of last year	11,475	...	13,300	...	24,775	...
Increase	915	...	...	...	...	...
Decrease	...	...	10,400	...	9,485	...

Remarks.

Particulars.	Agra Canal. 1882.	Agra Canal. 1881.
Tonnage, including weight of timber and bamboos	562	910
Ton mileage	63,826	102,112
Value of goods Rs.	20,830	43,982
Number of passengers	...	...

Allahabad,
The 30th June 1882.

G. H. D. WALKER,
Asst. Secy. to Govt., N.-W. P. and Oudh, P. W. D., Irrigation Branch.

STATEMENT OF TRAFFIC ON UPPER AND LOWER GANGES CANALS FOR THE MONTH OF MAY 1882.

	Upper Ganges Canal. Principal items of local Traffic. Up. Mds.	Up. Nos.	Down. Mds.	Down. Nos.	Total up and down. Mds.	Total up and down. Nos.	Lower Ganges Canal. Principal items of local Traffic. Up. Mds.	Up. Nos.	Down. Mds.	Down. Nos.	Total up and down. Mds.	Total up and down. Nos.	Upper and Lower Ganges Canals. Principal items of through Traffic. Up. Mds.	Up. Nos.	Down. Mds.	Down. Nos.	Total up and down. Mds.	Total up and down. Nos.	Upper and Lower Ganges Canals. Principal items of local and through Traffic. Up. Mds.	Up. Nos.	Down. Mds.	Down. Nos.	Total up and down. Mds.	Total up and down. Nos.	Remarks.
Grains.																									
Wheat	2,284	...	4,111	...	6,395	...	372	...	...	...	372	...	...	...	7,194	...	7,194	...	2,656	...	11,305	...	13,961	...	
Gram	...	...	...	...	...	...	...	...	636	...	636	...	675	...	...	...	675	...	675	...	636	...	1,311	...	
Rice	96	...	...	...	96	...	...	...	145	...	145	...	123	...	...	...	123	...	219	...	145	...	364	...	
Paddy or dhán	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Bejhar or mixed grain	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Dal ... Urd	...	...	...	...	...	...	...	...	56	...	56	...	...	...	559	...	559	...	...	...	615	...	615	...	
Dal ... Mung	...	...	...	...	...	...	...	...	...	...	...	...	...	...	200	...	200	...	...	...	200	...	200	...	
Dal ... Arhar	...	...	...	...	...	...	...	...	...	...	...	...	924	...	...	...	924	...	924	...	...	...	924	...	
Dal ... Masuri	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Juár	77	...	...	...	77	...	...	...	...	...	...	...	...	...	...	...	...	...	77	...	...	...	77	...	
Bájra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Maize or Indian-corn	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Barley	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Total	2,457	...	4,111	...	6,568	...	372	...	837	...	1,209	...	1,722	...	7,953	...	9,675	...	4,551	...	12,901	...	17,452	...	
Cotton	...	...	...	...	...	...	249	...	70	...	319	...	...	...	1,875	...	1,875	...	249	...	1,945	...	2,194	...	
Oilseeds	780	...	...	...	780	...	6,197	...	1,100	...	7,297	...	5,180	...	2,609	...	7,789	...	12,157	...	3,709	...	15,866	...	
Salt	150	...	...	...	150	...	500	...	...	...	500	...	...	...	3,335	...	3,335	...	650	...	3,335	...	3,985	...	
Metals	...	...	...	...	...	...	210	...	212	...	422	...	5,148	...	...	...	5,148	...	5,358	...	212	...	5,570	...	
Building materials	34,020	...	22,050	...	56,070	...	...	...	2,337	...	2,337	...	68	...	700	...	768	...	34,088	...	25,087	...	59,175	...	
Miscellaneous goods	1,900	...	747	...	2,647	...	2,538	...	1,740	...	4,278	...	11,266	...	2,645	...	13,911	...	16,704	...	5,132	...	20,836	...	
Firewood	...	...	5,272	...	5,272	...	15,312	...	300	...	15,612	...	...	...	...	...	...	...	15,312	...	5,572	...	20,884	...	
Bamboos	...	...	1,18,110	2,362,200	1,18,110	2,362,200	...	...	6,577	131,540	6,577	131,540	...	...	...	...	...	...	...	...	1,24,687	2,493,740	1,24,687	2,493,740	
Timber— Poles and unsquared timber.	...	...	16,814	16,814	16,814	16,814	...	...	30	30	30	30	125	125	...	...	125	125	125	125	16,844	16,844	16,969	16,969	
Timber— Karis and squared timber.	...	...	26,088	26,088	26,088	26,088	...	...	...	...	...	...	648	648	...	...	648	648	648	648	26,088	26,088	26,736	26,736	
Timber— Logs	...	...	80	4	80	4	...	...	314	16	314	16	...	...	...	...	...	...	...	...	394	20	394	20	
Miscellaneous timber	...	...	15	30	15	30	...	...	150	300	150	300	49	98	...	...	49	98	49	98	165	330	214	428	
Live-stock	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Grand Total	39,307	...	1,93,287	2,405,136	2,32,594	2,405,136	25,378	...	13,667	131,886	39,045	131,886	24,206	871	19,117	...	43,323	871	88,891	871	2,26,071	2,537,022	3,14,962	2,537,893	
Total during corresponding period of last year.	49,200	221	1,54,697	875,043	2,03,897	875,264	13,936	5,500	50,466	136,183	64,402	141,683	15,806	1,176	54,632	...	70,438	1,176	78,942	6,897	2,59,795	1,011,226	3,38,737	1,018,123	
Increase	...	...	38,590	1,530,093	28,697	1,529,872	11,442	...	...	...	...	...	8,400	...	...	...	...	...	9,949	...	...	1,525,796	...	1,519,770	
Decrease	9,893	221	...	...	...	...	...	5,500	36,799	4,297	25,357	9,797	...	305	35,515	...	27,115	305	...	6,026	33,724	...	23,775	...	

Particulars.	Upper Ganges Canal (local). 1881.	Upper Ganges Canal (local). 1882.	Lower Ganges Canal (local). 1881.	Lower Ganges Canal (local). 1882.	Upper and Lower Ganges Canals (through). 1881.	Upper and Lower Ganges Canals (through). 1882.	Total Upper and Lower Ganges Canals. 1881.	Total Upper and Lower Ganges Canals. 1882.
Tonnage, including weight of timber and bamboos	7,552	8,544	2,385	1,434	2,609	1,591	12,546	11,569
Ton mileage	3,24,795	3,48,523	58,194	1,66,562	6,23,960	3,77,067	10,08,327	8,92,152
Value of goods Rs.	1,[illegible]	2,30,946	77,078	3,08,601	2,59,152	1,36,576	4,40,006	5,76,124
Number of passengers	...	49	...	...	4	5	4	54

Allahabad,
The 30th June 1882.

G. H. D. WALKER,
Asst. Secy. to Govt., N.-W. P. & Oudh, P. W. D., Irrigation Branch.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

RAILWAY TRAFFIC.

No. XXVI of 1882.

APPROXIMATE STATEMENT OF GROSS RECEIPTS AND EXPENSES OF INDIAN RAILWAYS.

Latest return received.	Railways.	Total length open.	Receipts for week ending 2nd July 1882. Total.	Per mile open.	Total length open.	Receipts for week ending 1st July 1882. Total.	Per mile open.	Total Receipts from 1st April to 2nd July 1882. Total.	Per mile open.	Total Receipts from 1st April to 1st July 1882. Total.	Per mile open.	Total increase in 1882-83.	Total Decrease in 1882-83.
			Rs.	Rs.		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
First 8 days of July 1882 ...	*Guaranteed.* Eastern Bengal ...	172	77,259	449	172	84,379	491	8,55,287	368	9,52,553	421	97,266	...
Ditto ...	Oudh and Rohilkhand ...	547	1,83,679	336	547	87,707	160	14,01,714	193	14,55,922	202	54,208	...
Ditto ...	Sind, Punjab & Delhi ...	676	2,16,321	320	676	1,04,031	288	24,36,793	272	25,67,527	289	1,30,734	...
1st July 1882	Madras ...	858	2,37,020	276	858	1,51,162	177	16,93,811	148	18,30,796	163	1,45,985	...
24th June 1882	South Indian ...	655	1,23,000	188	...	(*a*) ..	...	(*b*)9,21,692	115	(*c*)9,66,304	122	44,612	...
First 8 days of July 1882 ...	Great Indian Peninsula ...	1,448	10,15,394	701	1,458	4,70,924	325	1,00,27,128	521	1,07,68,671	565	7,41,543	...
1st July 1882	Bombay, Baroda and Central India ...	441	2,93,343	661	461	1,17,262	313	35,21,243	597	33,54,153	554	..	1,67,093
	TOTAL ...	1,800	21,46,019	447	4,172	11,36,374	275	2,08,57,668	327	2,39,14,923	346	10,47,255	...
First 8 days of July 1882 ...	*State.* East Indian ...	1,504	8,38,817	558	1,507	7,91,912	525	1,10,85,815	554	1,16,33,207	587	5,47,392	...
Ditto ...	Calcutta and South-Eastern ...	28	6,727	240	33	8,253	250	43,137	117	54,124	142	10,687	...
Ditto ...	Nalhati ...	27	1,258	47	27	1,320	49	17,053	48	18,332	52	1,279	...
Ditto ...	Northern Bengal ...	231	35,961	156	233	40,465	174	4,02,591	131	4,85,394	158	82,803	...
Ditto ...	Tirhoot ...	80	8,841	111	85	11,023	130	1,67,275	153	1,72,700	155	5,425	..
Ditto ...	Patna-Gya ...	57	7,935	139	57	6,957	122	1,18,963	157	1,25,662	168	6,699	...
Ditto ...	Muttra-Hathras ...	29	3,518	121	29	2,151	71	33,901	88	31,113	82	...	2,788
Ditto ...	Cawnpore-Furrakhabad	86	5,760	67	87	7,474	85	68,666	60	86,818	76	18,212	...
Ditto ...	Dildarnagar-Ghazipur	12	606	50	12	791	66	12,972	81	14,618	92	1,646	...
Ditto ...	Rajputana-Malwa ...	1,016	2,32,392	228	1,117	2,11,854	190	25,27,912	147	24,80,569	199	3,92,497	...
Ditto ...	Wardha Coal ...	45	20,773	462	45	18,524	411	1,32,137	223	1,76,599	269	43,162	...
Ditto ...	Nagpur & Chhattisgarh	53	8,799	166	98	7,277	74	96,832	114	2,06,661	160	1,09,828	...
Ditto ...	Rangoon and Irrawaddy Valley ...	161	23,070	149	161	20,549	128	4,31,832	203	4,30,975	204	...	3,857
Ditto ...	Sindia ...	75	6,088	81	75	6,988	93	78,961	83	84,728	86	5,767	...
Ditto ...	Punjab Northern ...	363	(*d*)—37,956	105	412	56,809	138	7,61,856	158	7,79,880	150	18,024	...
Ditto ...	Indus Valley and Kandahar ...	660	24,593	37	660	(*e*)1,24,236	188	12,77,730	146	11,88,215	137	...	89,515
Ditto ...	Muttra-Achnera ...	...	...	...	23	1,261	55	...	...	15,512	51	15,512	...
	TOTAL ...	2,923	3,49,265	119	3,154	5,25,932	167	61,75,458	158	67,90,869	165	6,15,411	...
	Native States.												
Ditto ...	Bhavnagar-Gondal ...	172	12,320	72	194	10,004	52	2,84,511	112	3,16,967	125	32,456	...
Ditto ...	Nizam's ...	121	24,263	201	121	24,298	201	2,31,270	144	2,28,500	143	...	2,770
17th June 1882	Mysore ...	58	10,769	186	...	(*a*)...	...	(*f*)29,050	44	(*g*)53,119	55	24,069	...
	TOTAL ...	351	47,352	135	315	34,302	109	5,44,831	116	5,98,586	113	53,755	...
	GRAND TOTAL ...	9,578	33,81,453	353	9,148	24,88,520	272	3,86,63,772	303	4,09,27,585	316	22,63,813	...
	GROSS ESTIMATED EXPENSES ...	...	...	...	...	...	...	1,82,05,883	143	1,96,51,854	152	...	...
	NET RECEIPTS ...	...	...	...	...	...	...	2,04,57,889	160	2,13,75,731	164	8,17,842	...

N. B.—Include amounts due to adjustments made in the Supplementary Returns rendered in June 1882.

(*a*) Return not received. (*b*) Total receipts from 1st April to 25th June 1881. (*c*) Total receipts from 1st April to 24th June 1882.

(*d*) Due to adjustments made in the Supplementary Return ending 30th June 1881. (*e*) Separate returns for the D. V. and Kandahar State Railways for the first 8 days of July 1882 have been received.

(*f*) Total receipts from 8th April to 15th June 1881. (*g*) Total receipts from 1st April to 17th June 1882.

SIMLA,
The 24th July 1882.

F. FIREBRACE, *Major, R.E.*,
Under Secretary.

GOVERNMENT OF INDIA.

REVENUE AND AGRICULTURAL DEPARTMENT.

REPORTS ON THE STATE OF THE SEASON AND PROSPECTS OF THE CROPS FOR THE WEEK ENDING THE 25th JULY 1882.

GENERAL REMARKS.—The rainfall has continued to be general throughout the country. In the Madras Presidency it has again been heavy in the extreme south-west, and comparatively light in other parts. In Coorg also it has again been heavy. In the Mysore State it has been heavy in some districts, and light in others. In the Bombay Presidency very heavy in some parts, fair in others; while in the Poona District there has been a partial break. In Berar the rainfall has been fair; in the Central Provinces incessant; and in Central India and Rajputana fully sufficient for present requirements. In the Punjab there has been more or less rain in all districts. In the North-Western Provinces and Oudh there has been sufficient rain everywhere except in Gorakhpur. In Bengal some rain fell in all districts throughout the week, but in parts more is urgently wanted. The rainfall in Assam has been fair in some parts and light in one district. In British Burma it has been more or less heavy in all districts.

General prospects continue favourable throughout India. In British Burma ploughing and sowing are proceeding satisfactorily. In Assam the transplanting of the rice crop has commenced, but more rain is needed in some parts. In Bengal also the transplanting of late rice crop has commenced, and more rain is wanted for this purpose in Bengal Proper and Behar. The prospects of jute and other autumn crops continue favourable; sugarcane also is promising; and the early rice is being cut in parts of Central and Eastern Bengal. In the North-Western Provinces and Oudh the transplanting of rice is proceeding in some parts, and more rain is wanted for this purpose; in other parts the weeding of *juar* and cotton are retarded by excess of rain; generally *kharif* sowings are nearly completed, and indigo and sugarcane promise well. In the Punjab *kharif* sowings continue or are nearly completed, and prospects are favourable.

Prospects are also favourable in the Rajputana and Central India States, but in some places the young maize and millet crops have been damaged by too much rain. An excess of rain is also retarding weeding and transplanting operations in the Central Provinces. In Berar the sowings have been completed, and where already above ground the young crops are in good condition. In the Bombay Presidency sowings have likewise been completed; in several districts the crops have been injured by excessive rain; and in parts of Ahmednagar and Dharwar more rain is needed. In the Mysore State crops are generally flourishing, save where they have been damaged by floods. Coorg again reports floods and consequent damage to the rice, *ragi*, and coffee crops, and loss of cattle.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Madras—(July 26th)		
Bellary ...	·32 (average of five stations).	Standing crops generally good, but worm-eaten in parts; agricultural operations progressing; fever in parts.
Kurnool ...	·47 (average of six stations).	Season generally favourable; crops sprouting well; cattle-disease in parts; high flood in Tungabadra.
Ganjam ...	1·0 (average of twelve stations).	Standing crops thriving; fever, small-pox, and cattle-disease exist; cholera prevalent.
Kistna ...	·96 (average of ten stations).	Standing dry crops flooded in five taluks, fair in others; small-pox and cattle-disease in parts; high floods in Kistna river.
Chingleput (Madras) ...	·22 (average of five stations).	Standing crops under larger tanks and channels good; agricultural operations progressing; small-pox, fever, and cholera in parts.
Coimbatore ...	·70 (average of ten stations).	Standing crops generally good, though dry damaged in parts by rain and insects; harvest dry crops, outturn about average; fever and small-pox in parts.
Tanjore ...	·31 (average of two stations).	Crops generally good, though damaged by breaches in three taluks; cattle-disease in one taluk.
Madura ...	·25 (in one station)	Standing crops fair but withering in one taluk; harvest paddy; cholera in parts.
Malabar ...	10·68 (average of fourteen stations).	Standing first crop partially destroyed by heavy rain; small-pox, cholera, fever, and cattle-disease in parts.
Travancore ...	7·53	Paddy-fields being weeded; cultivation affected by incessant rain; fever slightly prevalent. *General Remarks.*—General prospects fair.
Bombay—(July 26th)		
Kurrachee ...	Kohistan, 12·10; Schwan, 4·03; Johi, 4·60; Ghorabari, 3·58; Sujawal, 5·79; Dadu, 2·91.	Fever in two talukas; 2 cases of small-pox at Sujawal; river at Kotri on 24th, 18 feet against 15¼ feet on same date last year; some damage done to rice crops by rain in seven talukas; wheat, red rice, and *bajri* in Kurrachee 24, 36 and 32, in Manjhand 26, 44 and 46, in Sakro 18, 40 and 48, and in Shahbandar 20, 52 and 48 lbs. per rupee respectively.
Hyderabad ...	Rain in five talukas, average 3·42.	River very high; some damage to crops in Badin from heavy rain and in Guni from rain and breaching of the Hajipur bund; wheat 25, *juari* 44, *bajri* 39, red rice 32, and white rice 22 lbs. per rupee, respectively.
Ahmedabad ...	6·04	Total rainfall 25·23; sowings progressing; wheat 27 and *bajri* 31 lbs. per rupee.
Baroda ...	9·68	Total rainfall 29·04; transplanting of rice continues; cholera abating in Khari Division, but increasing in Gackwar's Contingent camp at Manekwara in Kathiawar; *bajri* 20 and common rice 23 lbs. per British rupee.
Surat ...	6·00	Total rainfall 31·43; break commenced; slight damage by excessive rain in some talukas, in others young crops healthy; *juari* 35 and *nagli* 51 lbs. per rupee.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Bombay—*contd.*		
Násik ...	Igatpuri, 23·91; Peint, 22·47; Dindori, 4·55; Kalwan, 4·10; Nasik, 3·08; least in Nandgaon and Yeola, but sufficient.	Early crops good; *bajri* still being sown; break wanted in places; locusts in Nandgaon; *bajri* 36, wheat 24, and rice 25 lbs. per rupee.
Colaba (Bombay) ...	Rain every day; total of week 2·03.	Total rainfall to date 53·40, being 11·64 above average; abnormal temperature rose from 2° cool on 19th to 1° warm on 25th; vapour in air normal; abnormal wind westerly from 19th to 21st; afterwards wind normal.
Poona ...	.....	Partial break in weather; 4 cholera cases in Bhimthari, 2 fatal; young crops healthy; *bajri* 43 and *juari* 56½ lbs. per rupee, in Poona *bajri* 36¾ and *juari* 47¾ lbs. per rupee.
Ahmednagar ...	1·74 in Akola and from ·49 to ·95 in other talukas.	Total average rainfall of district up to date 10·86, more rain wanted; sowing of *kharif* completed in Nagar and in progress in all other talukas; cattle-disease in Nagar; cholera—in Parner 10 attacks, 2 deaths, and in Shrigonda 36 attacks, 12 deaths; *bajri*—maximum 60 lbs. in Jhamkhed, minimum 45 in Kopergaon; *juari*—maximum 96 lbs. in Jhamkhed, minimum 54 in Kopergaon.
Sholapur ...	·23	Total rainfall to date 16·92; cholera throughout district except Karmala, 96 cases, 34 deaths; *kharif* sowing almost completed; *bajri* 56 lbs. 12 tolas and *juari* 75 lbs. 8 tolas per rupee.
Dharwar ...	Maximum at Hangal, 8·15; minimum at Mundargi, ·42.	Rivers Tungabadra, Warda, and Kumadmali in flood; some villages in Gadag, Rannibennur, and Karajgi talukas inundated, much damage to houses and property; several tanks burst in Margund and Muridargi *pettas;* more rain wanted in Bankapur, Hangal, Rannibennur, Karajgi, Khalghatgi and Kod talukas; break desired for sowing *juari* and to prevent further damage to young crops; public health good; rice 22 and *juari* 58 lbs. per rupee.
Kanara ...	Karwar, 6·64; Kumpta, 17·00; Sirsi, 24·50; Hallial, 14·48.	Total rainfall 72·77; weeding, transplanting, and sowing *coomrie* lands continue; cattle-disease, fever, and small-pox subsiding; heavy rainfall has damaged rice plants in several places; rivers, tanks, and even roads in low places flooded; some huts washed away but no lives lost; common rice in Karwar 11½, in district average 15½ seers per rupee.
Rajkot ...	1·18	Total rainfall 13·65; weather monsoonish; crops thriving; general health fair; cholera continues in some places; *bajri* 26 and *juari* 30 lbs per rupee.
		General Remarks.—Sowings mostly completed and transplanting in progress; partial break in weather; crops injured by excessive rain in several districts; more rain wanted in parts of Ahmednagar and Dharwar; fever and cattle-disease in a few districts; cholera in Belgaum, Satara, Sholapur, Ahmednagar thana, and parts of Kathiawar.
Bengal—(July 26th)		
Chittagong ...	2·28	More rain wanted; cultivation of winter rice going on; prices stationary; cholera has abated in some places; cattle-disease and fever still continue.
Dacca ...	1·01	Jute and autumn rice being cut; complaints of want of rain for rice on high land.
24-Pergunnahs (Calcutta)	2·04	Prospects of jute, sugarcane, and early rice fair; transplanting of winter rice rapidly going on; public health generally good; rivers rising.
Moorshedabad ...	1·52	Autumn rice promises well, in some places it is being cut; transplanting of winter rice going on; more rain still wanted; some cases of fever at Rangamati; public health generally good.
Rajshahye ...	2·61	Prospects generally favourable, though more rain wanted; jute being cut; health fair; fever and a little cholera still reported.
Burdwan ...	3·21	Weather seasonable, though more rain required for winter rice, especially in Katwa subdivision; public health generally good.
Rungpore ...	0·65	Weather hot; more rain wanted for transplanting of winter rice; condition of other crops favourable; public health good.
Bhagálpur ...	1·38	Autumn crops promise well; more rain required for transplanting rice.
Purneah ...	0·65	Prospects of crops fairly good but rain is badly wanted; no transplanting for want of rain; health fair; Ganges high; Kosi low.
Patna ...	1·08	Prospects of autumn crops good; more rain wanted for transplanting rice; cholera still reported from Barrh and Behar subdivisions.
Durbhunga ...	0·58	Transplanting of rice crops going on very slowly for want of rain, which is urgently required; prices rising; cholera still reported in Sadr and Tajpur.
Hazáribágh ...	5·0	Weather cloudy and showery; transplanting of rice going on vigorously; cattle-disease, cholera, and small-pox still linger; general health good.
Cuttack ...	10·69	Autumn and winter rice crops being weeded and reploughed; sugarcane growing well; cholera still prevalent.
		General Remarks.—Rain fell in all districts during the week; more rain is much wanted in many parts of Bengal proper and throughout Behar for transplanting late rice; in Orissa and Chota Nagpur the fall was sufficient for transplanting; prospects of early rice, jute, and other autumn crops continue favourable; sugarcane also promising; early rice is being cut in places in Central and Eastern Bengal; fever has appeared in a few districts; cases of cholera and small-pox still reported from some districts; public health generally fair.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
N. W. Provinces and Oudh—		
Benares ...	1·6; Chandauli, 3·4.	Report from Gungapur not yet to hand; not enough rain in Benares tahsil for transplanting early rice; health of cattle good; cholera increasing; bazars well supplied.
Cawnpore (July 25th)	Average more than 0·7	Weather cloudy; prospects excellent; a few cases of cholera reported from Ghátompur, Barrh, and Salempur; prices stationary.
Allahabad („ 26th)	Good rain during the week.	Crops flourishing; *bajra* sowings in progress; rice being transplanted; not much sickness for season; prices falling.
Gorakhpur („ 25th)	No rain for twelve days, except local showers.	Crops still green, but rain much wanted; prices rising.
Jhánsi („ 24th)	From 13·1 in pargana Mau to 0·8 in pargana Moth; average 9·0.	Owing to excessive rain weeding of *juar* and cotton in *már* soil being retarded; fine weather wanted; health good; prices fluctuating.
Agra („ 25th)	Rain in all parganas from 0·6 to 3·0.	Indigo, sugarcane, and cotton promise well; and break wanted to facilitate weeding; slight fever in two parganas, and slight cholera in Firozabad; general health good; prices slightly falling.
Farukhabad („ „)	Rain throughout the district.	Prospects good; markets well supplied; health good.
Bareilly („ „)	About 2·0	Weather seasonable; prospects good.
Meerut („ „)	Occasional rain; Meerut, 2·8; Hapur, 3·0; Mowana, 3·8; Sardhana, 2·7; Ghaziabad, *nil.*	Weather seasonable; health good; crops flourishing; imports into markets scanty, but sufficient; generally prices stationary.
Kumaun („ „)	Fair rain	Very favourable weather for crops; 3 deaths from *máhámari* disease; cattle-disease still prevalent; prices stationary.
Lucknow („ „)	Sadr, 1·4; Maliabad, 1·1; Mohanlalganj, 1·3	*Kharif* sowings nearly finished; bazars well supplied; cholera increasing in city and in tahsil Mohanlalganj.
Rae Bareli („ 24th)	Sadr 0·5; Dalamau, *nil;* Digbijaiganj, 0·8; Salon, 0·6.	*Kharif* sown; weeding commenced; prospects good; cholera still continues; no cattle-disease; prices steady.
Partabgarh („ 25th)	General rain throughout the district.	Prices falling; prospects good; cholera still continues in Partábgarh and Patti tahsils.
Sitapur („ „)	Rain just enough to keep ordinary crops in good condition.	Rice suffering for want of sufficient rain; cholera increasing in Sitapur tahsil; slight cattle-disease throughout the district; prices stationary.
Fyzabad („ „)	0·8	Agricultural operations in progress; cholera still continues in three tahsils.
		General Remarks.—Rainfall sufficient, except in Gorakhpur, where rain is much wanted; break wanted in Agra and Jhánsi; prospects generally good; prices stationary; cholera continues in eastern districts and is increasing in Lucknow and Sitapur, otherwise health normal; cattle-disease continues in Sitapur and Kumaun.
Punjab—(July 25th)		
Delhi ...	·60	*Kharif* sowings nearly completed; health good; prices steady.
Hissar ...	1·40 at Sadr	Health good; prices steady.
Umballa ...	·40	*Kharif* sowings in progress; health good; prices steady.
Jullundur ...	1·30	Health good; prices steady.
Amritsar ...	1·40	*Kharif* sowings continue; health good; prices steady.
Sialkot ...	1·50	*Kharif* prospects good; health good; prices steady.
Lahore ...	4·50	Health good; prices steady.
Ferozepore ...	·50 at Sadr	*Kharif* sowings continue; health good; prices rising.
Mooltan ...	4·0 at Sadr	Crops good; health good; prices stationary.
Rawalpindi ...	1·70	Crops good; health good; prices steady.
Dera Ismail Khan ...	.....	No report received.
Peshawar ...	·60	Health fair; prices rising.
		General Remarks.—Rain has fallen throughout the province; health good; prices of food-grains generally steady.
Central Provinces—		
Raipur (July 22nd)	3·45; heavy rain on 20th.	A break since; reploughing of rice-fields carried on; 10 cases of cholera in north-west; prices easy; rice 46 and wheat 29 seers per rupee.
Jubbulpore ...	6·10; incessant rain, heavy at times.	Break needed; sowings continue; cholera prevalent; prices stationary.
Saugor ...	9·13; excessive rain	Cotton and *juar* suffering, other crops favourable; prices steady; health fair.
Seoni ...	5·83; incessant rain	Weather cold and damp; rice transplantation nearly finished; cholera and cattle-disease prevalent; prices stationary.
Hoshangabad (July 25th)	7·65	Standing crops damaged; break needed; small-pox and cholera prevalent; rice 9, wheat 15, and *juar* 24 seers per rupee.
Nagpur („ 26th)	3·07	Break favourable for weeding; *kharif* somewhat suffering from incessant rain; cholera and diarrhœa prevalent.
Sambalpur ...	.....	No report received.
Khandwa ...	4·49	Sowings suffering from continuous rain; break needed; prices steady small-pox prevalent.
		General Remarks.—Incessant rain unfavourable to *kharif;* break much needed for weeding and transplanting operations; cholera somewhat prevalent; prices continue easy.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
British Burma—(July 22nd)		
Akyab ...	19·26	Total rainfall 123·92; slight small-pox in part of the district, otherwise *public health good*: cattle-disease in four townships; sowing in progress: early crops good.
Rangoon ...	9·24	Total rainfall 41·91; public health good; ploughing commenced.
Bassein ...	7·95	Total rainfall 59·58; a few deaths from cholera in three townships, otherwise public health good; cattle-disease prevalent in the same townships; ploughing progressing favourably; planting going on in some places.
Prome ...	2·21	Total rainfall 19·11; 3 deaths from cholera in town and 12 in the district; *some* cattle-disease in *three* townships.
Amherst (Moulmein) ...	17·51	Total rainfall 109·83; 5 deaths from cholera in the district, otherwise public health good both in Moulmein and the district; cattle-disease has appeared in two townships, but is decreasing in others; ploughing and sowing still progressing.
Toungoo ...	9·65	Total rainfall 14·02; public health good; cattle-disease prevalent in two townships.
		General Remarks.—Cholera somewhat prevalent in Pegu and Irrawaddy Divisions; public health good; cattle-disease *continues*; rainfall generally abundant; agricultural operations proceeding satisfactorily.
Assam—(July 25th)		
Gauhati ...	1·65	Weather hot; rain much wanted for the transplanting of the *sali* paddy; *aus* being reaped; public health good.
Sylhet ...	2·10	The drought of last three weeks has retarded cultivation of *sali* paddy to a serious extent; tea and other crops suffering; rivers extraordinarily low for time of year.
Cachar ...	1·92	Weather excessively hot; ploughing for *sali* crops nearly finished and transplanting commenced, but rain wanted; state of *chuma* and *murali* crops good; prospects of tea outturn excellent; 1 case of cholera reported from Lakhimpur; no spreading of cattle-disease reported; common rice 21 5/16 seers per rupee.
Dibrugarh ...	0·61	Weather seasonable; transplanting of *sali dhan* commencing; *ahu dhan* being cut; public health generally good, but some cases of cholera in the Sadr subdivision; cattle-disease still reported; 44 emigrants died by the overflooding of the Subansiri.
Mysore and Coorg—(July 26th)		
Bangalore ...	1·18	Standing crops in good condition; generally more rain needed for *ragi* crops and wet cultivation; prospects of season and public health good; price of rice 11, *ragi* 25½, and horse-gram 28¾ seers per rupee.
Mysore ...	·39	Crops flourishing; public health favourable; floods in rivers subsiding.
Mercara ...	10·43	Monsoon continues; Cauvery temporarily unfordable for days together; the heavy rains have done much damage to rice-fields by washing away embankments and nurseries; numbers of cattle have died from exposure; the *ragi* crops in the Najarajpatna taluk and the coffee crops on the Sampajighat and North Coorg have suffered from excessive rain; transplanting of rice commenced; prices stationary; public health good.
		General Remarks.—Heavy rain in Hassan, Shimoga, and Kadur districts; Tungabadra flooded, inundating adjoining fields and plains, causing some damage; crops in good condition; agricultural operations continue; prospects favourable; public health reported good; ruling prices—rice 11 to 12, *ragi* 22 to 40 seers per rupee.
Berar & Hyderabad—(July 26th)		
Amráoti ...	1·24	Crops in good condition; wheat 18 and *juari* 30 seers per rupee.
Akola ...	2·28	Sowings completed; prospects favourable.
Hyderabad ...	.....	No report received.
Central India States—(July 26th)		
Indore ...	2·39	There is at last a break in the rain, and some sunshine may now revive the young maize and millet; health good.
Morar (Gwalior) ...	2·81	Health and prospects good.
Sutna ...	1·19	
Rutlam ...	.....	No report received.
Neemuch ...	9·19	Public health good.
Goona ...	8·04	Prospects fair.
Bhopal ...	8·0	Continuous rain; prospects good.
Agar ...	9·61	Health and prospects good.
Nowgong ...	7·33	Health and prospects good; prices rising.
Manpur ...	4·20	Millet and maize crops damaged by excessive rain; health good; prices stationary.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Rajputana—		
Abu (July 26th)	15·67	Break since Monday.
Sirohi („ 23rd)	5·60	Weather rainy; health and prospects good.
Marwar ...	.....	No report received.
Meywar (July 23rd)	5·19	Water-supply, health, and crops good; barometer very low.
Harowti („ 22nd)	Deoli, 7·78; Kotah, 4·25; Tonk, 8·94. Previous week's rainfall—in Kotah, 6·60; Shahpura, 4·25.	Cholera at Tonk, some cases in Patan district of Bundi; prospects good.
Jhallawar (July 19th)	11·41	Weather cloudy; crops looking well; health good.
Ajmere („ 25th)	5·65	Tanks full; daily rain; prospects excellent; health only fair.
Jeypore („ „)	5·29	Prices stationary; health fair.
Ulwur („ „)	1·92	Prospects good; health good.
Nepal—		
Katmandu ...	2·16; constant rain	Transplanting of rice finished.

E. C. BUCK,
Secy. to the Govt. of India.

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OFFICIAL PAPERS.

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GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

RAILWAY TRAFFIC.

RETURNS OF ACCIDENTS ON INDIAN RAILWAYS FOR THE FIRST QUARTER OF 1882.

No. 725R.T., dated Simla, the 20th July 1882.

RESOLUTION—By the Government of India, Public Works Department.

Read again—

Public Works Department Resolution, No. 859 R. T., dated the 22nd July 1881.
Ditto ditto ditto No. 397 R. T., dated the 4th May 1882.

Read also—

Returns of accidents to trains, &c., on the open lines of railway in India for the quarter ending 31st March 1882.

OBSERVATIONS.—As compared with the corresponding quarter of 1881, while the open mileage increased by 409 miles, or 4·3 per cent., and the train mileage by 1,253,479 miles, or 14·3 per cent., the number of accidents to trains, rolling-stock, permanent-way, &c., remained very nearly the same, being 696 against 695. The following are the railways on which the numbers chiefly vary :—

	Increase	Decrease.
Sind, Punjab and Delhi	...	42
Great Indian Peninsula	38	...
Wardha Coal	22	...
Nagpur-Chhattisgarh	12	...
Rangoon and Irrawaddy Valley	..	23
Punjab Northern	...	19
Indus Valley	...	21
Nizam's	...	11

2. The decrease on the Sind, Punjab and Delhi Railway mainly took place under "goods trains or parts of goods trains, engines, &c., leaving the rails" and "miscellaneous accidents." Under the former head there were 13 accidents against 21; and under the latter, 1 against 22.

3. On the Great Indian Peninsula Railway the accidents from collisions between "goods trains or parts of goods trains" increased from 2 to 8; and the cases of "fire in trains" from 9 to 42.

4. Of the increase of 22 accidents on the Wardha Coal Railway, 8 appear under "failure of tyres," and 11 under "fire in trains." The numbers of cases under these heads, during the first quarter of 1881, were *nil* and 1 respectively.

5. On the Nagpur and Chhatisgarh Railway there was no noticeable increase under any particular head.

6. On the Rangoon and Irrawaddy Valley Railway the number of "cattle" accidents decreased from 14 to 4, and the "failures of machinery, springs, &c., of engines," from 11 to 2.

7. On the Punjab Northern and Indus Valley Railways the decrease principally took place under "goods trains or parts of goods trains, engines, &c., leaving the rails."

8. The decrease on the Nizam's Railway was due to the absence of any accident from "fire in trains;" whereas in the first quarter of 1881 there were 10 accidents from this cause on that line.

9. The total number of accidents on the Rajputana-Malwa Railway does not show any large variation, but it appears from the details that collisions of all descriptions decreased from 10 to 1, derailments of passenger trains from 6 to *nil*, and the derailments of goods trains, engines, &c., from 11 to 1, while there were 13 cases of failure of couplings against 8, and 11 cases of failure of machinery, &c., and 8 miscellaneous accidents against *nil* in the corresponding quarter of 1881.

10. The casualties resulting from accidents to trains, &c., were, among passengers, 14 killed and 31 injured, against 9 injured; and among servants, 2 killed and 10 injured, against 3 killed and 15 injured. Of the casualties to passengers, 13 men were killed and 15 injured in an accident on the East Indian Railway at Shikohabad, on the 17th January 1882, caused by an up mail train coming into collision with an up goods train which it was following. There were 13 passengers also slightly injured in an accident on the Bombay, Baroda and Central India Railway, caused through the carelessness of the pointsman by an up mail train colliding with some wagons standing on a siding at the Viramgam station.

11. The following table exhibits the number of accidents under the different classes, and the number of persons killed and injured thereby:—

Description of accidents.	Number of accidents.	Number of passengers and others.		Number of servants.		Total.	
		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
Collisions between passenger trains, or parts of passenger trains	1	...	...	...	...	...	...
Collisions between passenger trains and goods or mineral trains, engines, and vehicles standing foul of the line	13	13	29	...	3	13	32
Collisions between goods trains, or parts of goods trains	25	...	...	...	2	...	2
Collisions between light engines	7	...	...	...	...	...	...
Passenger trains or parts of passenger trains leaving the rails	17	1	...	...	...	1	...
Goods trains or parts of goods trains, engines, &c., leaving the rails	53	...	...	...	1	...	1
Trains or engines travelling in the wrong direction through points	24	...	...	...	...	...	...
Trains running into stations or sidings at too high a speed	4	...	...	...	...	...	...
Trains running over cattle on the line	202	...	...	...	...	...	...
Trains running over obstructions on the line	26	...	...	...	...	...	...
Trains running through gates at level crossings	17	...	.	2	1	2	1
The bursting of boilers, or tubes, &c., of engines	30	...	...	...	...	...	...
The failure of machinery, springs, &c., of engines	69	...	...	...	...	...	...
The failure of tyres	10	...	...	...	...	...	...
The failure of wheels	1	...	...	...	...	...	...
The failure of axles	10	...	...	...	1	...	1
The failure of couplings	29	...	...	...	...	...	...
Broken rails	8	...	...	...	...	...	...
The flooding of portions of permanent-way	2	...	...	...	...	...	...
Fire in trains	100	...	1	...	...	...	1
Fire at stations, or involving injury to bridges or viaducts	7	...	...	...	...	...	...
Other accidents	41	..	1	...	2	..	3
Total	696	14	31	2	10	16	41

12. The satisfactory feature of the present returns is the decrease from 114 to 53 in the number of derailments of "goods trains, or parts of goods trains, engines, &c." The railways on which these accidents chiefly diminished have already been alluded to.

13. The cattle accidents numbered 202, of which 40 occurred on the South Indian, 29 on the Rajputana-Malwa, and 26 on the Indus Valley and Kandahar Railways.

14. There were 30 cases of the "bursting of boilers or tubes, &c., of engines," against 29. 90 per cent. of these accidents took place on the Sind, Punjab and Delhi and Indus Valley and Kandahar Railways, there being 17 or 57 per cent. on the former, and 10 or 33 per cent. on the latter.

15. The "machinery, &c., of engines" failed in 69 instances, of which 11 were on the Rajputana-Malwa Railway, and 30 on the Indus Valley and Kandahar Railways.

16. The number of "failures of couplings" was the largest on the Rajputana-Malwa Railway, being 13 out of a total of 29.

17. Under "fire in trains" the number of accidents rose from 45 to 100, or by 55, of which 42 occurred on the Great Indian Peninsula Railway, and 12 on the Wardha Coal Railway. On the former there were 42 accidents against 9, and on the latter, 12 against 1.

18. The casualties to passengers from "causes other than accidents to trains, &c.," were—

	Killed.	Injured.
From falling between carriages and platforms	3	2
Falling on to the platform, ballast, &c., when getting into or out of trains	1	5
Whilst crossing the line at stations	2	...
Falling out of carriages during the travelling of trains	4	18
Other accidents	...	1
Total	10	26

And the accidents to servants in the employ of railways or of contractors, whilst performing duties connected directly with the transit of passengers and goods, from "causes other than accidents to trains, &c.," were—

	Killed.	Injured.
During shunting operations	1	8
Falling off engines, vans, wagons, &c.	3	9
Coming in contact with over-bridges, &c., during the travelling of trains	1	2
Coming in contact, whilst shunting, with vehicles, &c., standing in adjoining lines	1	...
Getting on or off trains, engines, &c.	5	7
Whilst loading, unloading, or sheeting	1	14
Whilst braking, spragging, or chocking wheels	...	1
Whilst working at cranes or capstans	1	2
Whilst working on the permanent-way or in sidings	4	2
Whilst walking along the line on the way home, or to work	4	2
Whilst walking, crossing, or standing on the line	9	6
Whilst passing between vehicles	1	...
Whilst attending to the machinery of engines, cleaning them, &c.	...	6
Whilst attending to gates at level-crossings	1	...
Falling or being caught between vehicles and platforms	1	1
Falling off ladders, scaffolds, platforms, &c.	1	1
By the falling of lamps, wagon doors, timber, weights, &c.	...	3
Whilst coupling or uncoupling wagons	3	6
Miscellaneous	4	30
Total	41	100

19. Of "other persons" killed and injured by running trains, &c., 3 were killed and 1 injured whilst passing over the line at level-crossings; 25 killed and 6 injured whilst trespassing on the line; 4 committed suicide; and 2 were killed and 2 injured from miscellaneous causes.

20. The following table exhibits the total numbers of persons killed and injured from causes connected with the working of trains as compared with those in the previous corresponding quarter :—

	1st Quarter 1881.		1st Quarter, 1882.	
	Killed.	Injured.	Killed.	Injured.
Passengers.				
From causes beyond their own control	2	10	14	29
From misconduct or want of caution	10	19	10	28
Servants.				
From causes beyond their own control	7	26	3	25
From misconduct or want of caution	39	87	40	85
Others.				
Whilst passing at level-crossings	2	3	3	1
Trespassers, including suicides	23	6	29	6
Other persons	6	...	2	2
Total	80	151	101	176
Total Train Mileage during the quarter	8,751,471		10,004,950	

21. In addition to the above, 5 persons are reported to have been killed and 23 injured in yards, workshops, &c., and 170 passengers to have met death in carriages at stations from causes unconnected with the working of trains.

22. The following is extracted from the report by the Government Inspector on the fatal accident, which took place on the East Indian Railway, near Shikohabad, on the 17th January 1882 :—

Para. 20.—From the evidence heard, the facts of the case, so far as for present purposes it is desirable to record them, appear to be as follows :—

21. The morning of the 17th January was very foggy from Jaswantnagar as far as Shikohabad, and its intensity appears to have increased towards the latter station.

23. No. 17 up goods, which was timed to leave Bhadan at 3-36 A.M., actually left that station at 6-35 A.M. On this point there is no conflict of evidence.

24. On leaving Bhadan it had 27 covered goods wagons, one open low-sided wagon (No. 4667), and one brake-van (No. 159) arranged as in the margin.*

* Rear 159 (brake-van), 5109, 7121, 7016, 2075, 7826, 3843, 4168, 6679, 3382, 2511, 7210, 4427, 4556, 6608, 4409, 7831, 7474, 6346, 2639, 6149, 895, 5326, 2956, 2119, 3025, 6874, 5561, and 4667 (open low-sided) in front of train.

25. The gross load, calculated in the ordinary manner at 15 tons per wagon, with 10 tons for the brake-van was 430 tons. The actual gross load above Phaphund, where one wagon was cut off, is said by the District Traffic Superintendent to have been less than 399 tons. This was not stated before the Magistrate, but in reply to a telegraphic enquiry from me, the computed load was 445 tons above that place.

By the working Time-table the time to be occupied by No. 17 up goods in running between the stations of Bhadan and Shikohabad is 38 minutes, and at this timing it should have reached the latter station at 7-13, and the point of collision, as calculated in paragraphs 18 and 19 above, at 7-10.

26. The mail train should have left Bhadan at 5-35 A.M., and reached Shikohabad at 6-3, but it was running late, and did not leave till 7-3, (or 7-5 according to the guard's timing), when it went on a caution message, on which was noted the following calculation :—

No. 1 goods left Bhadan	6-35
Time allowed for run	38
Due at Shikohabad	7-13
No. 1 up mail to leave	7-5
Time allowed for run	29
Due at Shikohabad	7-34

This train consisted of two brakevans and 19 other vehicles.

27. The Train Departure Book of the Bhadan station gives 7-3 as the actual time of leaving, and the Shikohabad Station Book also records this hour as the one signalled from Bhadan. The receipt for the caution message signed by the guard and driver gives 7-3 as the hour, and thus differs from the time on the caution message itself, but the "3" looks as if it had been altered from some other figure. The guard himself gives 7-5 as the hour of starting by his watch, and thinks the figure has been altered on the receipt since he signed it.

28. At a little more than a mile from the Shikohabad station the mail caught up the goods train, and as the fog prevented the driver of the following train seeing the other, the collision occurred, with the results given above as to vehicles.

29. The casualties were five male and five female adults, one boy and one girl, all natives, killed; nine male and three female adults and two girls, all natives, wounded, of whom one has since died. The European guard of the goods train was seriously hurt, but has now nearly recovered. He escaped by jumping out just before the collision. The guard of the mail train was very slightly hurt.

84. A good deal was afterwards said about the driver being bound to exercise his discretion, but the general impression on the part of this witness appeared to be that a driver could not be blamed who did not, under the circumstances named, exceed the authorised pace. The driver himself said that he could not have justified himself to his superior for losing time.

85. As I have endeavoured to show above, I believe he was running in excess of the ordinary speed, but even if he were only running at that speed, I should still think that he had not exercised the caution which the mere receipt of a caution message implies, it being impossible at the time to keep a look out ahead to any practical purpose.

86. I may add here that at the close of the enquiry this driver was committed for trial. Some of the points, now in doubt, will probably then be cleared up.

The driver of the mail train was acquitted by the High Court, Allahabad. The railway authorities, recognising the necessity for a modification of existing rules in the case of trains following in foggy weather, issued a revised working order for the guidance of drivers in such cases.

Resolution.—The attention of the Government, Administration, and Officer concerned should be invited to the large increase in the number of cases of "fire in trains" on the Great Indian Peninsula and Wardha Coal Railways, the large number of "failures of machinery, springs, &c., of engines" on the Indus Valley and Kandahar Railways, the "failures of tyres" on the Wardha Coal Railway, and the "failures of couplings" on the Rajputana-Malwa-Railway.

The Governments of Madras, Bombay, Bengal, the North-Western Provinces and Oudh, and the Punjab.
The Chief Commissioners, Central Provinces, British Burma and Assam.
The Resident at Hyderabad.
The Agents to the Governor General for Rajputana, Central India and Beluchistan.
The Director General of Railways.
The Consulting Engineers to the Government of India for Guaranteed Railways.

Order.—Ordered, that this Resolution be forwarded to the Governments, Administrations and Officers, noted in the margin, for information, together with copies of the returns compiled.

Ordered also, that copies be forwarded to the Secretary of State for the information of Her Majesty's Government.

Ordered further, that this Resolution, with the abstract returns, be published in the Supplement to the *Gazette of India*.

Fred. FIREBRACE, *Major, R.E.*,
Under-Secretary.

TABLE No. I.

GENERAL TOTAL.

NUMBER of PERSONS reported during the First Quarter of 1882 as KILLED or INJURED on the several RAILWAYS open for Traffic in INDIA, distinguishing between PASSENGERS, RAILWAY SERVANTS and OTHER PERSONS; and distinguishing also, in the case of the two former Classes, between ACCIDENTS happening from Causes beyond their own Control, and ACCIDENTS happening otherwise.

	Mean Mileage open.	RAILWAYS.		PASSENGERS.						RAILWAY SERVANTS OR SERVANTS OF CONTRACTORS.						OTHER PERSONS.								TOTAL ALL CLASSES.	
				From Causes beyond their own Control.		From their own Misconduct or want of Caution.		Total.		From Causes beyond their own Control.		From their own Misconduct or want of Caution.		Total.		Whilst passing over Railways at Level-Crossings.		Trespassers and Suicides.		Miscellaneous not included in preceding Columns.		Total.			
				Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
GUARANTEED.	1,582¾	East Indian (Including State Lines worked as Branches)	1881	...	6	4	8	4	14	2	12	6	16	8	28	...	...	4	...	2	...	6	...	18	42
	1,595		1882	13	16	6	9	19	25	1	15	5	30	6	45	1	...	10	...	...	...	11	...	36	70
	171¾	Eastern Bengal	1881	...	...	...	1	...	1	...	...	1	5	1	5	...	...	...	...	...	...	...	...	1	6
	172¾		1882	...	...	2	...	2	...	...	...	1	4	1	4	...	...	1	...	...	...	1	...	4	4
	547	Oudh and Rohilkhand	1881	...	...	...	2	...	2	...	...	1	3	1	3	...	...	4	...	...	...	4	...	5	5
	547		1882	...	...	...	1	...	1	...	...	1	3	1	3	...	...	2	...	...	1	2	1	3	5
	663½	Sind, Punjab and Delhi	1881	...	...	1	3	1	3	...	1	5	15	5	16	...	...	4	1	...	...	4	1	10	20
	663½		1882	...	...	1	4	1	4	...	1	3	2	3	3	...	...	1	...	...	...	1	...	5	7
	858	Madras	1881	...	...	1	...	1	...	...	...	...	1	...	1	1	...	1	1	...	...	2	1	3	2
	858		1882	...	...	...	...	...	...	...	...	4	9	4	9	...	...	1	1	1	...	2	1	6	10
	655	South Indian	1881	...	...	...	2	...	2	...	...	...	7	...	7	...	...	3	1	...	...	3	1	3	10
	655		1882	...	...	...	...	...	...	...	...	...	2	...	2	...	1	2	...	...	...	2	1	2	3
	1,448	Great Indian Peninsula	1881	...	...	...	1	...	1	...	2	5	20	5	22	1	2	1	1	1	...	3	3	8	26
	1,446¾		1882	...	...	...	1	...	1	...	1	9	18	9	19	1	...	2	...	...	1	3	1	12	21
	444	Bombay, Baroda and Central India	1881	...	...	...	...	...	...	...	...	3	8	3	8	...	...	...	1	...	...	...	1	3	9
	(a)450¾		1882	1	13	...	2	1	15	...	...	6	5	6	5	...	...	2	1	...	...	2	1	9	21
	28	Calcutta and South-Eastern	1881	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	28		1882	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	1
	27¼	Nalhati	1881	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	27¼		1882	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	230	Northern Bengal	1881	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	2	...	2	...
	233		1882	...	...	...	...	...	...	...	...	1	...	1	...	...	...	2	...	...	...	2	...	3	...
STATE.	82	Tirhoot	1881	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	85		1882	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	57	Patna-Gya	1881	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	1	...
	57		1882	...	...	...	...	...	...	...	1	1	...	1	1	...	...	...	...	...	...	...	...	1	1
	29	Muttra-Háthras	1881	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	29		1882	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	74	Cawnpore-Farukhabad...	1881	...	...	...	...	...	...	...	...	...	2	...	2	...	...	...	...	...	...	...	...	...	2
	86½		1882	...	...	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	1
	989¾	Rajputana-Malwa System	1881	...	...	1	2	1	2	1	4	6	2	7	6	...	1	3	...	...	...	3	1	11	9
	1,139½		1882	...	...	...	6	...	6	...	...	2	2	2	2	...	...	2	2	1	...	3	2	5	10
	192½	Bhavnagar-Gondal	1881	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	192½		1882	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	1	...
	45	Wardha Coal	1881	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	45		1882	...	...	...	...	...	...	...	1	...	...	...	1	...	..	...	...	...	...	...	...	...	1
	59	Nágpur-Chhattísgarh ...	1881	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	1	...
	98		1882	...	...	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	1
	161	Rangoon and Irrawaddy Valley	1881	...	...	...	...	...	...	...	1	...	3	...	4	...	...	...	...	1	...	1	...	1	4
	161		1882	...	...	...	1	...	1	...	...	1	7	1	7	...	...	...	1	...	...	..	1	1	9
	285	Punjab Northern	1881	2	3	1	...	3	3	3	6	1	1	4	7	...	...	...	...	...	...	...	...	7	10
	367¾		1882	...	...	...	1	...	1	1	...	...	1	1	1	...	...	2	1	...	...	2	1	3	3
	640	Indus Valley and Kandahar	1881	...	1	2	...	2	1	...	...	2	3	2		...	...	1	1	...	...	1	1	5	5
	641		1882	...	...	1	3	1	3	1	3	4	1	5	4	1	...	1	...	...	...	2	...	8	7
	59	Gaekwar of Baroda's	1881	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	1
	59¼		1882	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	1	...
	121	Nizam's	1881	...	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	1	...
	121		1882	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	1	...
	(b)	Mysore	1881	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	67		1882	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	...	Kawnia-Dhurla	1881	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	32½		1882	...	...	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	1
	9,449½	TOTAL	1881	2	10	10	19	12	29	7	26	30	87	37	113	2	3	23	6	6	...	31	9	80	1 5
	9,858½		1882	14	29	10	28	24	57	3	25	40	85	43	110	3	1	29	6	2	...	34	9	101	176

(a) Includes Dakor and Patni Branch.

(b) Return not received.

TABLE

NUMBER of PERSONS reported during the First Quarter of 1882, as KILLED or INJURED on the several RAILWAYS open for practicable, the Nature and Causes of the

	RAILWAYS.	PASSENGERS.																										SER											
		From accidents to trains, &c. See Table No. 4.		FROM CAUSES OTHER THAN ACCIDENTS TO TRAINS, &c.																								From accidents to trains, &c. See Table No. 4.		FROM CAUSES OTHER THAN											
				1.—From falling between carriages and platforms.		2.—Falling on to the platform, ballast, &c., when getting into or out of trains.		3.—Whilst crossing the line at Stations.		4.—By closing of carriage doors.		5.—Falling out of carriages during the travelling of trains.		6.—Other accidents.		TOTAL.		TOTAL PASSENGERS.								1.—During shunting operations.		2.—Falling off engines, vans, wagons, &c.		3.—Coming in contact with over-bridges, &c., during the travelling of trains.		4.—Coming in contact, whilst shunting, with vehicles, &c., standing in adjoining lines.		5.—Getting on or off trains, engines, &c.		6.—Whilst loading, unloading or shooting.	
		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
GUARANTEED.	East Indian (Includes Branch State Lines).	13	17	2	1	1	...	1	...	...	...	2	7	...	...	6	8	19	25	...	3	...	2	1	5	...	1	...	...	3	...	3	...	...	...	...	...	...	...	...
	Eastern Bengal	...	...	...	...	...	...	1	...	...	...	1	...	...	...	2	...	2	...	...	...	...	...	...	1	...	...	...	...	...	...	1	3	...	...	...	...	...	...
	Oudh and Rohilkhand ...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...
	Sind, Punjab and Delhi ...	...	...	...	...	...	1	...	...	...	...	1	2	...	1	1	4	1	4	...	1	...	...	...	1	...	...	...	1	...	1	...	...	...	...	...	...	...	...
	Madras	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...
	South Indian	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Great Indian Peninsula ...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	1	...	...	1	...	3	1	3	1	...	...	...	...	...	1	...	2	...	...	...	...	...
	Bombay, Baroda and Central India	1	1	...	...	...	1	...	...	...	...	...	...	...	...	1	1	1	5	1	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...
	Calcutta and South-Eastern ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...
	Nalháti	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Northern Bengal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...
	Tirhoot	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Patná-Gya	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...
	Muttra-Háthras	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Cawnpore-Farukhabad ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
STATE.	Rajputana-Malwa System ...	...	...	...	...	...	3	...	...	...	...	3	...	...	...	6	...	6	...	...	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bhavnagar-Gondal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...
	Wardha Coal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Nágpur-Chhattísgarh ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rangoon and Irrawaddy Valley ...	...	...	...	1	...	...	...	...	...	...	1	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Punjab Northern ...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Indus Valley and Kandahar ...	...	...	1	...	...	...	...	...	...	...	3	...	1	3	1	3	...	3	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...
	Gaekwar of Baroda's ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Nizam's	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Mysore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Kawnia-Dhuria	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
TOTAL ...	1882	14	31	3	2	1	5	2	...	...	...	4	18	...	1	10	26	24	57	2	10	1	8	3	9	1	2	1	...	5	7	1	14						
	1881	...	9	2	1	3	1	1	...	...	1	5	15	1	2	12	20	12	29	3	15	4	6	3	9	1	1	...	1	5	5	6	16						

No. 2.

Traffic in INDIA, distinguishing between PASSENGERS, RAILWAY SERVANTS, and OTHER PERSONS; and classifying, as far as Accidents occasioning the Death or Injury.

VANTS.																																							
ACCIDENTS TO TRAINS, &c.																														OTHERS.									
7.—Whilst breaking, sprag-ging or chocking wheels.		8.—Whilst working at cranes or capstans.		9.—Whilst working on the permanent-way or in sidings.		10.—Whilst walking along the line on the way home or to work.		11.—Whilst walking, crossing, or standing on the line.		12.—Whilst passing between vehicles.		13.—Whilst attending to the machinery of engines, cleaning them, &c.		14.—Whilst attending to gates at level-crossings.		15.—Falling or being caught between vehicles and platforms.		16.—Falling off ladders, scaffolds, platforms, &c.		17.—By falling of lamps, waggon-doors, timber weights, &c.		18.—Whilst coupling or uncoupling wagons.		19.—Miscellaneous.		TOTAL.		TOTAL SERVANTS.		Whilst passing over the line at level-crossings.		Trespassers.		Suicides.		Miscellaneous.		TOTAL OTHERS.		TOTAL ALL CLASSES.	
Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
...	...	...	...	1	1	...	...	2	2	...	...	4	...	...	...	...	...	1	1	...	1	...	2	1	17	6	45	6	45	1	...	9	...	1	...	...	...	11	...	36	70
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	4	1	4	...	...	1	...	...	...	...	...	1	...	4	4
...	...	...	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	3	1	3	...	...	1	...	1	...	...	...	1	2	1	3	5
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	3	2	3	3	...	...	1	...	...	...	...	...	1	...	5	7
...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	2	2	9	4	9	...	...	...	...	1	1	...	1	2	1	6	10
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	2	...	1	2	...	...	...	...	...	...	2	1	2	3
...	1	...	...	...	...	2	1	3	1	...	...	1	...	...	...	...	...	...	...	1	2	2	...	2	9	18	9	19	1	...	2	...	...	...	...	1	3	1	12	21
...	...	...	...	1	...	1	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	2	5	5	6	5	...	...	2	1	...	...	...	...	2	1	9	21
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	2	...	...	...	...	...	2	...	3	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	1	...	...	...	...	...	...	...	...	...	...	1	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	2	2	2	2	...	...	2	2	...	...	1	...	3	2	5	10
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	..	...	...	...	...	...	...	...	...	...	...	1	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1
...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	7	1	7	1	7	...	...	...	1	...	...	...	...	1	1	9	9
...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	1	1	...	...	1	1	1	...	...	...	2	1	3	3
...	...	1	1	2	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	5	1	5	4	1	...	1	...	...	...	...	...	2	...	8	7
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	...	1	...
...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1
...	1	1	2	4	2	4	2	9	6	1	...	...	6	1	...	1	1	1	1	...	3	3	6	4	30	41	100	43	110	3	1	25	6	4	...	2	2	34	9	101	176
...	1	...	2	2	1	3	2	5	10	...	2	2	7	1	2	...	...	...	...	6	...	2	1	12	1	14	34	98	37	113	2	3	18	4	5	2	6	...	31	9	80	151

TABLE No. 3.

ACCIDENTS to TRAINS, ROLLING-STOCK, PERMANENT-WAY, &c., reported during the First Quarter of 1882 as having occurred on the several RAILWAYS open for Traffic in INDIA, distinguishing the different Classes of Accidents, and the Number of Passengers and others, and of Railway Servants, KILLED or INJURED in each Class of Accidents.

SEE ALSO TABLE No. 4.

	EAST INDIAN (Including State Lines worked as Branches).							EASTERN BENGAL.							OUDH AND ROHILKHAND.							SIND, PUNJAB AND DELHI.						
	No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.	
		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
1. Collisions between passenger trains, or parts of passenger trains	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2. Collisions between passenger trains and goods or mineral trains, engines and vehicles standing foul of the line	2	13	16	...	3	13	19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	...	...	...	...	...	...
3. Collisions between goods trains, or parts of good trains	6	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	2	...	...	...	...	...	...
4. Collisions between light engines	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...
5. Passenger trains, or parts of passenger trains, leaving the rails	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	3	...	...	...	...	...	...
6. Goods trains, or parts of goods trains, engines, &c., leaving the rails	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	13	...	...	...	...	...	...
7. Trains or engines travelling in the wrong direction through points	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...
8. Trains running into stations or sidings at too high a speed	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9. Ditto over cattle on the line	13	...	...	...	...	...	...	5	...	...	...	...	...	...	11	...	...	...	...	...	...	3	...	...	...	...	...	...
10. Ditto over obstructions on the line	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11. Ditto through gates at level-crossings	...	...	...	...	...	...	...	1	...	...	...	...	...	...	3	...	...	...	...	...	...	3	...	...	...	...	...	...
12. The bursting of boilers or tubes, &c., of engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	17	...	...	...	...	...	...
13. The failure of machinery, springs, &c., of engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	...	...	...	...	...	...
14. Ditto of tyres	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15. Ditto of wheels	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16. Ditto of axles	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	1	...	1
17. Ditto of brake apparatus	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18. Ditto of couplings	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19. Ditto of tunnels, bridges, viaducts, culverts, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20. Broken rails	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21. The flooding of portions of permanent-way	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22. Slips in cuttings or embankments	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23. Fire in trains	7	...	1	...	...	...	1	1	...	...	...	...	...	...	2	...	...	...	...	...	...	1	...	...	...	...	...	...
24. Fire at stations, or involving injury to bridges or viaducts	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...
25. Other accidents	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...
TOTAL ALL CLASSES	49	13	17	...	3	13	20	9	...	...	...	...	...	...	18	...	...	...	...	...	...	59	...	...	...	1	...	1
Number of Passenger-miles	255,995,063							21,629,981							42,957,324							61,819,097						
„ of Servants employed	22,810							5,470							5,112							14,345						
Train-mileage of all descriptions	2,324,551							168,792							444,372							698,129						

TABLE No. 3.—ACCIDENTS to TRAINS, ROLLING-STOCK, PERMANENT-WAY, &c., reported during the First Quarter of 1882, &c.,—*continued.*

SEE ALSO TABLE No. 4.

	MADRAS.							SOUTH INDIAN.							GREAT INDIAN PENINSULA.							BOMBAY, BARODA AND CENTRAL INDIA.							CALCUTTA AND SOUTH-EASTERN.						
	No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.	
		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
1. Collisions between passenger trains, or parts of passenger trains	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2. Collisions between passenger trains and goods or mineral trains, engines and vehicles standing foul of the line	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	13	...	...	...	13	...	...	...	...	...	...	...
3. Collisions between goods trains, or parts of goods trains	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8	...	...	...	1	...	1	2	...	...	...	...	...	...	...	...	...	...	...	...	...
4. Collisions between light engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5. Passenger trains, or parts of passenger trains, leaving the rails	2	...	...	...	...	...	...	...	...	...	...	...	...	...	4	...	...	...	...	...	...	2	1	...	...	...	1	...	...	...	...	...	...	...	...
6. Goods trains, or parts of goods trains, engines, &c., leaving the rails	4	...	...	...	...	...	...	3	...	...	...	...	...	...	9	...	...	...	...	...	...	4	...	...	...	...	...	...	...	3	...	...	...	...	...
7. Trains or engines travelling in the wrong direction through points	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...
8. Trains running into stations or sidings at too high a speed	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9. Trains running over cattle on the line	12	...	...	...	...	...	...	40	...	...	...	...	...	...	14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7	...	...	...	...	...
10. Ditto over obstructions on the line	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...
11. Ditto through gates at level-crossings	2	...	...	1	...	1	...	2	...	...	...	...	...	...	3	...	...	...	...	...	...	1	...	...	1	...	1	...	...	...	...	...	...	...	...
12. The bursting of boilers or tubes, &c., of engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...
13. The failure of machinery, springs, &c., of engines	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14. Ditto of tyres	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15. Ditto of wheels	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16. Ditto of axles	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17. Ditto of brake apparatus	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18. Ditto of couplings	...	...	...	...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19. Ditto of tunnels, bridges, viaducts, culverts, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20. Broken rails	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...
21. The flooding of portions of permanent-way	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22. Slips in cuttings or embankments	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23. Fire in trains	7	...	...	...	...	...	...	1	...	...	...	...	...	...	42	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24. Fire at stations, or involving injury to bridges or viaducts	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
25. Other accidents	2	...	...	...	...	...	...	...	...	...	...	...	...	...	6	...	...	...	1	...	...	8	...	1	...	...	...	1	...	...	...	...	...	...	...	...
TOTAL ALL CLASSES	29	...	...	1	...	1	...	51	...	...	...	...	...	...	95	...	...	...	1	...	1	21	1	14	1	...	2	14	12	...	...	...	...	...	...
Number of Passenger-miles	46,081,498							31,650,777							97,195,107							49,566,377							1,633,342						
„ of Servants employed	5,721							7,184							22,724							6,075							180						
Train-mileage of all descriptions	497,143							312,815							2,546,085							425,723							11,233						

TABLE No. 3.—ACCIDENTS to TRAINS, ROLLING-STOCK, PERMANENT-WAY, &c., reported during the First Quarter of 1882, &c.,—*continued*.

SEE ALSO *TABLE No. 4.*

	NALHATI.							NORTHERN BENGAL.							TIRHOOT.							PATNA-GYA.						
	No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.	
		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
1. Collisions between passenger trains, or parts of passenger trains	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2. Collisions between passenger trains and goods or mineral trains, engines and vehicles standing foul of the line	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3. Collisions between goods trains, or parts of goods trains	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4. Collisions between light engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5. Passenger trains, or parts of passenger trains, leaving the rails	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6. Goods trains, or parts of goods trains, engines, &c., leaving the rails	1	...	...	...	...	...	...	5	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...
7. Trains or engines travelling in the wrong direction through points	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8. Trains running into stations or sidings at too high a speed	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9. Trains running over cattle on the line	...	...	...	...	...	...	...	11	...	...	...	...	...	...	1	...	...	...	...	...	...	3	...	...	...	...	...	...	...
10. Ditto over obstructions on the line	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...
11. Ditto through gates at level crossings	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12. The bursting of boilers or tubes, &c., of engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13. The failure of machinery, springs, &c., of engines	...	...	...	...	...	...	...	3	...	...	...	...	...	...	6	...	...	...	...	...	...	1	...	...	...	...	...	...	...
14. Ditto of tyres	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15. Ditto of wheels	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16. Ditto of axles	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17. Ditto of brake apparatus	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18. Ditto of couplings	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19. Ditto of tunnels, bridges, viaducts, culverts, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20. Broken rails	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21. The flooding of portions of permanent-way	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22. Slips in cuttings or embankments	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23. Fire in trains	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24. Fire at stations, or involving injury to bridges or viaducts	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
25. Other accidents	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	...	1	...	...
TOTAL ALL CLASSES	2	...	...	...	...	...	...	23	...	...	...	...	...	...	11	...	...	...	...	...	...	8	...	...	...	1	...	1	...
Number of Passenger miles			649,139						8,823,346							4,716,037							6,897,303					
„ of Servants employed			170						1,638							871							496					
Train-mileage of all descriptions			10,187						153,537							61,100							38,235					

	MUTTRA-HATHRAS.						
	No.	Number of Passengers and others.		Number of Servants.		Total all Classes.	
		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
1. Collisions between passenger trains, or parts of passenger trains	...	...	...	...	...	...	...
2. Collisions between passenger trains and goods or mineral trains, engines and vehicles standing foul of the line	...	...	...	...	...	...	...
3. Collisions between goods trains, or parts of goods trains	...	...	...	...	...	...	...
4. Collisions between light engines	...	...	...	...	...	...	...
5. Passenger trains, or parts of passenger trains, leaving the rails	...	...	...	...	...	...	...
6. Goods trains, or parts of goods trains, engines, &c., leaving the rails	...	...	...	...	...	...	...
7. Trains or engines travelling in the wrong direction through points	...	...	...	...	...	...	...
8. Trains running into stations or sidings at too high a speed	...	...	...	...	...	...	...
9. Trains running over cattle on the line	...	...	...	...	...	...	...
10. Ditto over obstructions on the line	...	...	...	...	...	...	...
11. Ditto through gates at level crossings	...	...	...	...	...	...	...
12. The bursting of boilers or tubes, &c., of engines	...	...	...	...	...	...	...
13. The failure of machinery, springs, &c., of engines	...	...	...	...	...	...	...
14. Ditto of tyres	...	...	...	...	...	...	...
15. Ditto of wheels	...	...	...	...	...	...	...
16. Ditto of axles	...	...	...	...	...	...	...
17. Ditto of brake apparatus	...	...	...	...	...	...	...
18. Ditto of couplings	...	...	...	...	...	...	...
19. Ditto of tunnels, bridges, viaducts, culverts, &c.	...	...	...	...	...	...	...
20. Broken rails	6	...	...	...	...	...	...
21. The flooding of portions of permanent-way	...	...	...	...	...	...	...
22. Slips in cuttings or embankments	...	...	...	...	...	...	...
23. Fire in trains	...	...	...	...	...	...	...
24. Fire at stations, or involving injury to bridges or viaducts	...	...	...	...	...	...	...
25. Other accidents	...	...	...	...	...	...	...
TOTAL ALL CLASSES	6	...	...	...	...	...	...
Number of Passenger miles			1,870,405				
„ of Servants employed			109				
Train-mileage of all descriptions			10,911				

TABLE No. 3.—ACCIDENTS to TRAINS, ROLLING-STOCK, PERMANENT-WAY, &c., reported during the First Quarter of 1882, &c.,—*continued*.

SEE ALSO TABLE No. 4.

	CAWNPORE-FARUKHABAD.							RAJPUTANA MALWA SYSTEM.							BHAVNAGAR-GONDAL.							WARDHA COAL.						
	No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.	
		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
1. Collisions between passenger trains, or parts of passenger trains	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2. Collisions between passenger trains and goods or mineral trains, engines and vehicles standing foul of the line	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...
3. Collisions between goods trains, or parts of goods trains	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4. Collisions between light engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5. Passenger trains, or parts of passenger trains, leaving the rails	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6. Goods trains, or parts of goods trains, engines, &c., leaving the rails	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...
7. Trains or engines travelling in the wrong direction through points	...	...	...	...	...	...	...	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8. Trains running into stations or sidings at too high a speed	...	...	...	...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9. Trains running over cattle on the line	1	...	...	...	...	...	...	29	...	...	...	...	...	...	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10. Ditto over obstructions on the line	1	...	...	...	...	...	...	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11. Ditto through gates at level crossings	1	...	...	...	1	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...
12. The bursting of boilers or tubes, &c., of engines	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	4	...	...	...	...	...	...	...
13. The failure of machinery, springs, &c., of engines	...	...	...	...	...	...	...	11	...	...	...	...	...	...	...	...	...	...	...	...	...	8	...	...	...	...	...	...	...
14. Ditto of tyres	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...
15. Ditto of wheels	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16. Ditto of axles	...	...	...	...	...	...	...	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17. Ditto of brake apparatus	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18. Ditto of couplings	...	...	...	...	...	...	...	13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19. Ditto of tunnels, bridges, viaducts, culverts, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20. Broken rails	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21. The flooding of portions of permanent-way	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22. Slips in cuttings or embankments	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23. Fire in trains	...	...	...	...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	...	...	...	12	...	...	...	...	...	...	...
24. Fire at stations, or involving injury to bridges or viaducts	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
25. Other accidents	1	...	...	...	...	...	...	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
TOTAL ALL CLASSES	4	...	...	...	1	...	1	90	...	...	...	...	...	...	5	...	...	...	...	...	...	29	...	...	...	...	...	...	...
Number of Passenger miles			4,392,930						71,968,466							9,678,227							670,421					
„ of Servants employed			383						9,074							609							392					
Train mileage of all descriptions			37,239						1,072,1[illegible]							92,311							19,410					

	NAGPUR-CHHATTISGARH.						
	No.	Number of Passengers and others.		Number of Servants.		Total all Classes.	
		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
1. Collisions between passenger trains, or parts of passenger trains	...	...	...	...	...	...	...
2. Collisions between passenger trains and goods or mineral trains, engines and vehicles standing foul of the line	...	...	...	...	...	...	...
3. Collisions between goods trains, or parts of goods trains	...	...	...	...	...	...	...
4. Collisions between light engines	...	...	...	...	...	...	...
5. Passenger trains, or parts of passenger trains, leaving the rails	...	...	...	...	...	...	...
6. Goods trains, or parts of goods trains, engines, &c., leaving the rails	1	...	...	...	...	...	...
7. Trains or engines travelling in the wrong direction through points	1	...	...	...	...	...	...
8. Trains running into stations or sidings at too high a speed	...	...	...	...	...	...	...
9. Trains running over cattle on the line	3	...	...	...	...	...	...
10. Ditto over obstructions on the line	1	...	...	...	...	...	...
11. Ditto through gates at level crossings	...	...	...	...	...	...	...
12. The bursting of boilers or tubes, &c., of engines	...	...	...	...	...	...	...
13. The failure of machinery, springs, &c., of engines	...	...	...	...	...	...	...
14. Ditto of tyres	...	...	...	...	...	...	...
15. Ditto of wheels	...	...	...	...	...	...	...
16. Ditto of axles	...	...	...	...	...	...	...
17. Ditto of brake apparatus	...	...	...	...	...	...	...
18. Ditto of couplings	4	...	...	...	...	...	...
19. Ditto of tunnels, bridges, viaducts, culverts, &c.	...	...	...	...	...	...	...
20. Broken rails	...	...	...	...	...	...	...
21. The flooding of portions of permanent-way	...	...	...	...	...	...	...
22. Slips in cuttings or embankments	...	...	...	...	...	...	...
23. Fire in trains	3	...	...	...	...	...	...
24. Fire at stations, or involving injury to bridges or viaducts	...	...	...	...	...	...	...
25. Other accidents	...	...	...	...	...	...	...
TOTAL ALL CLASSES	13	...	...	...	...	...	...
Number of Passenger miles			2,759,318				
„ of Servants employed			1,445				
Train mileage of all descriptions			56,240				

TABLE No. 3.—ACCIDENTS to TRAINS, ROLLING-STOCK, PERMANENT-WAY, &c., reported during the First Quarter of 1882, &c.,—*continued.*

SEE ALSO TABLE No. 4.

	Rangoon and Irrawaddy Valley.							Punjab Northern.							Indus Valley and Kandahar.							Gaekwar of Baroda's.						
	No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.	
		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
1. Collisions between passenger trains, or parts of passenger trains	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...
2. Collisions between passenger trains and goods or mineral trains, engines and vehicles standing foul of the line	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...
3. Collisions between goods trains, or parts of goods trains	2	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	...	1	...	1	...	...	...	...	...	...	...
4. Collisions between light engines	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5. Passenger trains, or parts of passenger trains, leaving the rails	...	...	...	...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6. Goods trains, or parts of goods trains, engines, &c., leaving the rails	1	...	...	...	...	...	...	1	...	...	...	...	...	...	3	...	...	...	1	...	1	...	...	...	...	...	...	...
7. Trains or engines travelling in the wrong direction through points	...	...	...	...	...	...	...	1	...	...	...	...	...	...	7	...	...	...	...	...	...	...	...	...	...	...	...	...
8. Trains running into stations or sidings at too high a speed	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9. Ditto over cattle on the line	4	...	...	...	...	...	...	5	...	...	...	...	...	...	26	...	...	...	...	...	...	...	...	...	...	...	...	...
10. Ditto over obstructions on the line	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...
11. Ditto through gates at level-crossings	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12. The bursting of boilers or tubes, &c., of engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10	...	...	...	...	...	...	...	...	...	...	...	...	...
13. The failure of machinery, springs, &c., of engines	2	...	...	...	...	...	...	...	...	...	...	...	...	...	30	...	...	...	...	...	...	...	...	...	...	...	...	...
14. Ditto of tyres	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15. Ditto of wheels	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16. Ditto of axles	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17. Ditto of brake apparatus	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18. Ditto of couplings	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...
19. Ditto of tunnels, bridges, viaducts, culverts, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20. Broken rails	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21. The flooding of portions of permanent-way	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22. Slips in cuttings or embankments	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23. Fire in trains	2	...	...	...	...	...	...	5	...	...	...	...	...	...	8	...	...	...	...	...	...	...	...	...	...	...	...	...
24. Fire at stations, or involving injury to bridges or viaducts	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
25. Other accidents	3	...	...	...	...	...	...	3	...	...	...	...	...	...	2	...	...	...	1	...	1	...	...	...	...	...	...	...
TOTAL ALL CLASSES	15	...	...	...	...	...	...	25	...	...	...	...	...	...	91	...	...	...	3	...	3	1	...	...	...	...	...	...
Number of Passenger miles			14,259,251							19,046,285							23,542,122							1,232,307			
„ of Servants employed			1,235							3,712							4,887							185			
Train mileage of all descriptions			155,035							247,710							487,401							13,556			

TABLE No. 3.—ACCIDENTS to TRAINS, ROLLING-STOCK, PERMANENT-WAY, &c., reported during the First Quarter of 1882, &c.,—*concluded.*

SEE ALSO TABLE No. 4.

	Nizam's.							Mysore.							Kawnia-Dhurla.							Total all Railways.						
	No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.	
		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
1. Collisions between passenger trains, or parts of passenger trains	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...
2. Collisions between passenger trains and goods or mineral trains, engines and vehicles standing foul of the line	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	13	13	29	...	3	13	32
3. Collisions between goods trains, or parts of goods trains	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	25	...	...	...	2	...	2
4. Collisions between light engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7	...	...	...	...	...	...
5. Passenger trains, or parts of passenger trains, leaving the rails	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	17	1	...	...	...	1	...
6. Goods trains, or parts of goods trains, engines, &c., leaving the rails	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	53	...	...	...	1	...	1
7. Trains or engines travelling in the wrong direction through points	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	21	...	...	...	...	...	...
8. Trains running into stations or sidings at too high a speed	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	...	...	...	...	...	...
9. Ditto over cattle on the line	...	...	...	...	...	...	...	9	...	...	...	...	...	...	...	...	...	...	...	...	...	202	...	...	...	...	...	...
10. Ditto over obstructions on the line	...	...	...	...	...	...	...	2	...	...	...	...	...	...	2	...	...	...	...	...	...	26	...	...	...	...	...	...
11. Ditto through gates at level-crossings	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	17	...	...	2	1	2	1
12. The bursting of boilers or tubes, &c., of engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	30	...	...	...	...	...	...
13. The failure of machinery, springs, &c., of engines	...	...	...	...	...	...	...	5	...	...	...	...	...	...	...	...	...	...	...	...	...	69	...	...	...	...	...	...
14. Ditto of tyres	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10	...	...	...	...	...	...
15. Ditto of wheels	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...
16. Ditto of axles	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10	...	...	...	1	...	1
17. Ditto of brake apparatus	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18. Ditto of couplings	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	29	...	...	...	...	...	...
19. Ditto of tunnels, bridges, viaducts, culverts, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20. Broken rails	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8	...	...	...	...	...	...
21. The flooding of portions of permanent-way	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...
22. Slips in cuttings or embankments	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23. Fire in trains	...	...	...	...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	...	...	...	100	...	1	...	...	...	1
24. Fire at stations, or involving injury to bridges or viaducts	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	7	...	...	...	...	...	...
25. Other accidents	...	...	...	...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	...	...	...	41	...	1	...	2	...	3
TOTAL ALL CLASSES	2	...	...	...	...	...	...	25	...	...	...	...	...	...	3	...	...	...	...	...	...	696	14	31	2	10	16	41
Number of Passenger miles			5,991,104							1,759,870							362,972							787,223,059			
„ of Servants employed			488							660							184							116,154			
Train mileage of all descriptions			65,975							43,530							4,896							10,004,950			

TABLE

ACCIDENTS to TRAINS, ROLLING-STOCK, PERMANENT-WAY, &c., on the several RAILWAYS open for Traffic in INDIA during the and the Number of RAILWAY SER

	RAILWAYS.	1. Collisions between passenger trains, or parts of passenger trains.	2. Collisions between passenger trains and goods or mineral trains, engines and vehicles standing foul of the line.	3. Collisions between goods trains, or parts of goods trains.	4. Collisions between light engines.	5. Passenger trains, or parts of passenger trains, leaving the rails.	6. Goods trains, or parts of goods trains, engines, &c., leaving the rails.	7. Trains or engines travelling in the wrong direction through points.	8. Trains running into stations or sidings at too high a speed.	9. Trains running over cattle on the line.	10. Trains running over obstructions on the line.	11. Trains running through gates at level crossings.	12. The bursting of boilers or tubes, &c., of engines.	13. The failure of machinery, springs, &c., of engines	14. The failure of tyres.	15. The failure of wheels.	16. The failure of axles.	17. The failure of brake apparatus.	18. The failure of couplings.	19. The failure of tunnels, bridges, viaducts, culverts, &c.	20. Broken rails.
GUARANTEED.	East Indian (Including State Lines worked as Branches).	...	2	6	1	...	1	4	...	13	5	...	...	...	1	...	1	...	5	...	...
	Eastern Bengal	...	...	...	...	...	1	...	...	5	...	1	...	...	...	...	...	...	...	...	...
	Oudh and Rohilkhand	...	...	1	...	1	...	...	...	11	...	3	...	...	...	...	...	...	...	...	...
	Sind, Punjab and Delhi	...	4	2	2	3	13	2	...	3	...	3	17	5	...	...	2	...	...	...	...
	Madras	...	...	...	...	2	4	...	...	12	...	2	...	...	...	...	...	...	...	...	...
	South Indian	...	1	...	...	...	3	...	...	40	...	2	...	1	...	...	...	...	3	...	...
	Great Indian Peninsula	...	1	8	3	4	9	2	...	14	1	3	...	...	...	...	1	...	...	...	...
	Bombay, Baroda and Central India ...	...	1	2	...	2	4	...	...	...	2	1	...	...	...	...	...	...	...	...	1
	Calcutta and South-Eastern ...	...	...	...	...	...	3	1	...	7	...	...	...	1	...	...	...	...	...	...	...
	Nalháti	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...
	Northern Bengal	...	...	...	1	...	5	...	...	11	...	...	...	3	...	...	1	...	1	...	...
	Tirhoot	...	...	...	...	...	1	1	...	1	...	...	...	6	...	...	...	...	1	...	...
	Patna-Gya	...	...	...	...	1	...	...	...	3	2	...	...	1	...	...	...	...	...	...	...
	Muttra-Háthras	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6
	Cawnpore-Farukhabad ...	...	...	...	...	...	...	...	...	1	1	1	...	...	...	...	...	...	...	...	...
	Rajputana Malwa System ...	...	...	...	1	...	1	5	3	29	7	1	1	11	1	...	5	...	13	...	...
STATE.	Bhavnagar-Gondal ...	...	...	...	...	...	...	...	...	5	...	...	...	...	...	...	...	...	...	...	...
	Wardha Coal	...	...	1	...	...	1	...	...	...	...	...	2	1	8	1	...	...	...	...	...
	Ságpur-Chhattísgarh ...	...	...	...	...	...	1	1	...	3	1	...	...	...	...	...	...	...	4	...	...
	Rangoon and Irrawaddy Valley ...	...	...	2	...	...	1	...	...	4	1	...	...	2	...	...	...	...	...	...	...
	Punjab Northern ...	...	2	1	1	3	1	1	1	5	...	...	...	...	...	...	...	...	...	...	...
	Indus Valley and Kandahar ...	...	1	...	1	...	3	7	...	26	1	...	10	30	...	...	...	...	2	...	...
	Gaekwar of Baroda's ...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Nizam's	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
	Mysore	...	...	...	...	...	1	...	...	9	2	...	...	5	...	...	...	...	...	...	...
	Kawnia-Dhurla	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...
	TOTAL ...	1882	1	13	25	7	17	53	24	4	202	26	17	30	69	10	1	10	...	29	...	8
		1881	2	21	27	5	27	114	17	2	188	25	16	29	75	1	1	9	...	17	...	7

No. 4.

First Quarter of 1882, distinguishing the different Classes of ACCIDENTS, the Number of PASSENGERS and OTHERS VANTS Killed or Injured thereby.

21. The flooding of portions of permanent-way.	22. Slips in cuttings or embankments.	23. Fire in trains.	24. Fire at stations, or involving injury to bridges or viaducts.	25. Other accidents.	Total all Classes.	NUMBER OF PASSENGERS AND OTHERS. Killed.	NUMBER OF PASSENGERS AND OTHERS. Injured.	NUMBER OF SERVANTS. Killed.	NUMBER OF SERVANTS. Injured.	TOTAL ALL CLASSES. Killed.	TOTAL ALL CLASSES. Injured.	Mean miles of Railway open.	Number of Passengers carried.	Train mileage of all descriptions.	Passenger mileage.	PER MILE OPEN. Number of Passengers carried.	PER MILE OPEN. Train mileage of all descriptions.	PER MILE OPEN. Passenger mileage.	TOTAL PASSENGERS. PER MILLION OF PASSENGERS. Killed.	TOTAL PASSENGERS. PER MILLION OF PASSENGERS. Injured.	TOTAL PASSENGERS. PER MILLION OF PASSENGER MILES. Killed.	TOTAL PASSENGERS. PER MILLION OF PASSENGER MILES. Injured.
...	...	7	2	1	49	13	17	...	3	13	20	1,595	2,847,752	2,324,551	255,995,063	1,785	1,457	160,495	4·565	5·969	0·051	0·066
...	...	1	...	1	9	...	...	...	...	...	...	172¾	622,099	168,792	21,689,981	3,601	977	125,557	...	...	...	...
...	...	2	...	...	18	...	...	...	...	...	...	547	682,448	444,372	42,957,324	1,248	812	78,533	...	...	...	...
...	...	1	1	1	59	...	...	...	1	...	1	663½	1,017,292	698,129	61,819,097	1,533	1,052	93,171	...	...	...	...
...	...	7	...	2	29	...	...	1	...	1	...	858	1,042,220	497,143	46,081,498	1,215	579	53,708	...	...	...	...
...	...	1	...	...	51	...	...	...	...	...	...	655	839,823	312,815	31,650,777	1,282	478	48,322	...	...	...	...
...	...	42	1	6	95	...	...	...	1	...	1	1,146½	1,448,117	2,546,085	97,195,107	1,001	1,760	67,193	...	...	...	...
...	...	...	...	8	21	1	14	1	...	2	14	450¾	1,727,873	425,723	49,566,377	3,833	944	109,964	0·579	8·102	0·020	0·282
...	...	...	...	...	12	...	...	...	...	...	...	28	177,321	11,233	1,633,342	6,333	401	58,334	...	...	...	..
...	...	...	...	...	2	...	...	...	...	...	...	27¼	31,061	10,187	649,189	1,140	374	23,822	...	...	...	...
...	...	...	1	...	23	...	...	...	...	...	...	233	189,939	153,537	8,823,346	815	659	37,868	...	...	...	...
...	...	1	...	...	11	...	...	...	...	...	...	85	131,756	61,100	4,716,037	1,550	719	55,482	...	...	...	...
...	...	...	...	1	8	...	...	...	1	...	1	57	164,572	38,235	6,897,303	2,887	671	121,005	..	...	...	...
...	...	...	...	...	6	...	...	...	...	...	...	29	88,325	10,911	1,870,405	3,046	376	64,497	...	...	...	...
...	...	...	...	1	4	...	...	...	1	...	1	86½	151,515	37,239	4,392,930	1,752	431	50,785	...	...	...	...
...	...	4	...	8	90	...	...	...	...	...	...	1,139½	1,254 059	1,079,134	71,983,456	1,101	947	63,171	...	...	...	..
...	...	...	...	...	5	...	..	...	...	...	...	192½	183,857	92,311	9,678,227	955	480	50,277	...	...	...	...
...	...	12	...	...	29	...	...	...	...	...	...	45	26,619	19,410	670,421	592	431	14,898	...	...	...	...
...	...	3	..	...	13	...	..	...	...	...	...	98	140,422	56,240	2,759,318	1,433	574	28,156	...	...	...	...
...	..	2	...	3	15	...	...	...	...	...	...	161	425,735	155,035	14,259,251	2,644	963	88,567	...	...	...	...
2	...	5	...	3	25	...	...	...	...	...	...	367¾	362,137	247,710	19,046,285	985	674	51,791	...	...	...	...
...	...	8	...	2	91	...	...	...	3	...	3	641	401,203	487,401	23,542,122	626	760	36,727	...	...	...	...
...	...	...	...	...	1	...	...	...	...	...	...	59¼	62,930	13,556	1,232,307	1,062	229	20,798	...	...	...	...
...	...	...	1	..	2	...	...	...	...	...	...	121	90,997	65,675	5,991,104	752	543	49,513	...	...	...	...
...	...	4	...	4	25	...	...	...	...	...	...	67	52,812	43,530	1,750,870	788	650	26,267	...	...	...	...
...	...	...	1	...	3	...	...	...	...	...	...	32¼	14,492	4,896	362,972	449	152	11,244	...	...	...	...
2	...	100	7	41	696	14	31	2	10	16	41	9,858½	14,177,406	10,004,950	787,223,659	1,438	1,014	79,852	0·987	2·186	0·018	0·039
...	1	45	14	52	695	...	9	3	15	3	24	9,449	12,949,311	8,751,471	662,704,791	1,370	926	70,745	...	0·695	...	0·014

GOVERNMENT

PUBLIC WORKS

Comparative Statement of Irrigation and Rain-fall

Number.	Collectorate.	Name of Work.	Area under Command.		Area Irrigated.					
					Fusl Kharif, 1881-82.			*Fusl* Rabi, 1881-82.		
						In comparison with 1880-81.			In comparison with 1880-81.	
			Gross Acres.	Irrigable Acres.	Total Acres.	Increase.	Decrease.	Total Acres.	Increase.	Decrease.
1	2	3	4	5	6	7	8	9	10	11
1	Ahmedabad.	Hathmati Canal	36,000	31,231	1,513	619	...	1,008	368	...
2	Khandesh.	Hartala Tank	584	527	19	...	16	...	...	103
3	Khandesh.	Mukti Reservoir (*Lower Panjhra River Works.*)	13,117	12,627	410	...	153	526	...	184
4	Khandesh.	Mhasva Tank	4,093	3,912	88	45	...	51	...	45
5	Khandesh.	Jamda Canals	46,288	40,185	409	...	1,682	752	...	381
		Kadwa River Works.								
6	Nasik.	Palkher Canal	26,031	19,188	588	...	144	435	...	71
7	Nasik.	Wadali Canal	2,739	2,152	184	22	...	42	...	237
8	Nasik.	Ojhar Tambat Canal	6,730	5,212	89	...	33	11	...	6
9	Ahmednagar.	Ojhar Canal (*Prawara River Works.*)	23,297	21,030	1,296	...	23	1,797	...	45
10	Ahmednagar.	Lakh Canal (*Prawara River Works.*)	31,731	23,026	134	...	56	182	30	...
11	Ahmednagar.	Bhatodi Tank	12,979	11,956	375	...	45	410	73	...
12	Poona.	Mutha Canals	88,087	44,800	4,456	...	1,510	4,517	...	1,718

OF INDIA.

DEPARTMENT.

on Canals in the Deccan and Gujarat for the Year 1881-82.

Irrigated. Whole Year 1881-82.			Percentage of Increase or Decrease.	Rain-fall.		Percentage of Increase or Decrease in 1881-82.	Remarks.
Total Acres.	In comparison with 1880-81. Increase.	Decrease.		1880-81. Inches.	1881-82. Inches.		
12	13	14	15	16	17	18	19
				K. 31·19 R. 0·00	41·04 0·04		
2,521	987	...	64	T. 31·19	41·08	32	
				K. 14·16 R 1·00	15·35 ·62		
19	...	119	86	T. 15·16	15·97	5	
				K. 17·74 R. 4·19	12·54 1·86		Rain-fall at Dhulia.
936	...	337	26	T. 21·93	14·40	13	
				K. 15·08 R. 5·51	14·47 2·20		
139	...	...	...	T. 20·59	16·67	19	
				K. 13·61 R. 3·41	16 21 3·24		
1,161	...	2,063	64	T. 17·02	19·45	14	
				K. 17·83 R. 3·23	16·26 3·06		
1,023	...	215	47	T. 21·06	19·32	8	
226	...	215	49				
				K. 10·42 R. 1·26	15·46 1·64		
100	...	39	28	T. 11·68	17·10	46	At Niphad.
				K. 12·41 R. 2·44	9·43 1·09		
3,093	...	68	2	T. 14·85	10·52	29	Rain-fall at Ashwi.
				K. 18·74 R. 4·27	13·37 4·50		
316	...	26	8	T. 23·01	17·87	22	
				K. 15·73 R. 3·11	14·26 2·73		
785	28	...	4	T. 18·84	16·99	10	
				K. 15·74 R. 4·91	17·61 4·38		Figures of rain-fall are those of Civil Hospital at Poona. The fall at Uruli at 36th mile of Mutha Right Bank Canal was, 1880-81, K. 7·74, R. 5·04, T. 12·78; 1881-82 K. 6·96, R. 1·50, T. 8·46, the fall at Kasurdi, the 44th mile, and at Khedgaon, the 61st mile, is given below opposite Kasurdi and Matoba Tanks respectively.
8,973	...	3,228	26	T. 20·65	21·99	6	

Comparative Statement of Irrigation and Rain-fall on Canals in the Deccan and Gujarát for the Year 1881-82.

Number.	Collectorate.	Name of Work.	Area under Command.		Area Irrigated.						Rain-fall.		Remarks.
					Fusl Kharíf, 1881-82.			*Fusl* Rabi, 1881-82.			1880-81. Inches.	1881-82. Inches.	
			Gross Acres.	Irrigable Acres.	Total Acres.	In comparison with 1880-81. Increase.	In comparison with 1880-81. Decrease.	Total Acres.	In comparison with 1880-81. Increase.	In comparison with 1880-81. Decrease.			
1	2	3	4	5	6	7	8	9	10	11	12	13	19
13	Poona.	Kasurdi Tank	597	478	...	...	...	44	44	...	K. 4·66 R. 2·55	6·11 2·98	
14	Poona.	Matoba Tank	10,700	7,133	311	...	238	924	...	120	T. 7·21	9·09	
15	Poona.	Sirsuphal Tank	4,500	2,500	109	...	382	1	...	246	K. 9·65 R. 6·17	8·36 4·21	
16	Poona.	Bhadalvadi Tank	1,900	1,520	109	109	...	39	39	...	T. 15·82	12·57	
17	Sholapur.	Ekruk Tank	17,043	16,784	807	32	...	423	111	...	K. 9·52 R. 5·43	10·06 3·54	
18	Sholapur.	Ashti Tank	2,671	2,590	77	77	...	82	82	...	T. 14·95	13·60	
19	Satara.	Revari Canal	6,004	5,341	200	...	155	198	49	...	K. 15·44 R. 5·58	9·75 4·67	
20	Satara.	Yerla Canals	6,278	5,848	437	328	...	482	182	...	T. 21·02	14·42	Work opened for first time in 1881-82.
21	Satara.	Pingli Tank (*Upper Main River Works.*)	4,182	3,845	28	...	193	93	...	92	K. 31·25 R. 3·94	17·38 3·01	
22	Satara.	Gondol Canal (*Upper Main River Works.*)									T. 35·19	20·39	
23	Satara.	Maini Tank	4,638	4,459	705	123	...	206	...	167	K. 29·04 R. 9·30	15·09 5·24	
24	Satara.	Chikhli Canal	1,727	1,652	194	...	2	...	...	13	T. 38·34	20·33	Work opened for first time in 1881-82. Culturable area under command was 741 acres at the beginning and 2,590 acres at end of year.
25	Satara.	Krishna Canal	21,252	20,618	3,373	487	...	973	304	...	K. 12·96 R. 5·88	15·44 7·24	
26	Dharwar.	Madag Tank	2,015	2,024	449	132	...	193	106	...	T. 18·84	22·68	
		Total	3,75,213	2,90,668	16,360	...	2,658	13,389	...	2,040	K. 10·60 R. 5·84	11·67 7·21	
											T. 16·44	18·88	
											K. 10·34 R. 5·02	10·48 4·76	
											T. 15·36	15·24	Pingli rain-fall.
											K. 10·62 R. 6·60	9·54 5·11	
											T. 16·62	14·65	Gondoli do.
											K. 8·50 R. 4·33	11·97 10·76	
											T. 12·83	22·73	
											K. 10·12 R. 6·10	10·34 4·58	
											T. 16·22	14·92	
											K. 12·60 R. 5·17	11·15 3·74	
											T. 17·77	14·89	
											K. 15·08 R. 12·69	7·63 5·16	
											T. 27·77	12·79	
												*17·46	*Average of 25 Stations.

Poona,
The 1st July 1882.

Note.—Figures in block in columns 15 and 18 show percentage of decrease.

J. H. E. HART, C.E.,
Chief Engineer for Irrigation.

F

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

RAILWAY TRAFFIC.

No. XXVII of 1882.

APPROXIMATE STATEMENT OF GROSS RECEIPTS AND EXPENSES OF INDIAN RAILWAYS.

Latest return received.	Railways.	Total mean length open.	Receipts for week ending 9th July 1881. Total.	Per mile open.	Total mean length open.	Receipts for week ending 8th July 1882. Total.	Per mile open.	Total Receipts from 1st April to 9th July 1881. Total.	Per mile open per week.	Total Receipts from 1st April to 8th July 1882. Total.	Per mile open per week.	Total Increase in 1882-83.	Total Decrease in 1882-83.
	Guaranteed.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
15th July 1882	Eastern Bengal ...	172	57,384	334	172	61,604	358	9,12,672	365	10,14,157	417	1,01,485	...
8th ditto ...	Oudh and Rohilkhund	547	70,054	128	547	73,544	134	14,71,769	188	15,29,466	197	57,697	...
15th ditto ...	Sind, Punjab & Delhi	676	1,41,769	210	676	1,73,338	256	25,78,562	267	27,30,868	286	1,52,306	...
8th ditto ...	Madras ...	858	1,18,744	140	858	1,26,931	148	18,12,555	148	19,72,714	162	1,60,159	...
24th June 1882	South Indian ...	655	78,249	119	...	(*a*)...	...	(*b*)9,21,652	115	(*c*)9,66,641	122	44,989	...
15th July 1882	Great Indian Peninsula	1,448	4,18,433	289	1,458	4,13,430	301	1,04,45,561	505	1,12,13,998	545	7,68,437	...
8th ditto ...	Bombay, Baroda and Central India ...	444	94,097	212	461	1,44,685	314	36,15,340	570	35,18,778	549	...	96,562
	TOTAL ...	4,800	9,78,730	204	4,172	10,23,532	245	2,17,58,111	317	2,29,46,622	337	11,88,511	...
	State.												
15th July 1882	East Indian ...	1,504	7,27,221	481	1,507	7,91,839	525	1,18,13,035	549	1,24,27,187	583	6,14,152	...
8th ditto ...	Calcutta and South-Eastern ...	28	2,346	84	33	2,608	79	45,783	115	56,727	139	10,944	...
15th ditto ...	Nalhati ...	27	1,110	41	27	1,129	42	18,162	47	19,461	51	1,299	...
8th ditto ...	Northern Bengal ...	231	19,688	85	233	23,826	102	4,22,280	128	5,09,220	155	86,940	...
15th ditto ...	Tirhoot ...	76	9,082	119	85	10,491	123	1,76,357	153	1,83,627	153	7,270	...
15th ditto ...	Patna-Gya ...	57	7,281	128	57	6,829	120	1,26,244	155	1,32,491	164	6,247	...
15th ditto ...	Muttra-Hathras ...	29	2,516	87	29	1,587	55	36,418	88	32,765	80	...	3,653
15th ditto ...	Cawnpore-Furrakhabad	86	5,623	65	87	5,352	62	74,228	60	92,502	75	18,274	...
15th ditto ...	Dildarnagar-Ghazipur	12	559	47	12	571	48	13,532	79	15,217	90	1,685	...
15th ditto ...	Rajputana-Malwa ...	1,016	1,36,396	134	1,117	1,78,422	159	26,63,408	183	30,94,778	196	4,31,370	...
8th ditto ...	Wardha Coal ...	45	8,585	191	45	1,398	31	1,42,022	221	1,77,997	280	35,975	...
8th ditto ...	Nagpur & Chhattisgarh	53	2,814	54	98	4,358	44	99,677	111	2,13,641	151	1,13,964	...
8th ditto ...	Rangoon and Irrawaddy Valley ...	161	19,252	119	161	20,394	126	4,54,084	197	4,51,472	198	...	2,612
15th ditto ...	Sindia ...	75	6,844	91	75	5,617	75	85,806	83	91,361	86	5,555	...
8th ditto ...	Punjab Northern ...	363	52,754	145	412	52,728	128	8,14,611	157	8,33,485	148	18,874	...
8th ditto ...	Indus Valley and Kandahar ...	660	59,943	91	660	1,35,513	205	13,37,674	142	12,97,286	139	...	40,388
24th ditto ...	Muttra-Achnera ...	...	...	...	23	904	39	...	...	16,658	51	16,658	...
	TOTAL ...	2,919	3,34,823	115	3,154	4,51,727	143	65,10,286	155	72,18,688	163	7,08,402	...
	Native States.												
15th ditto ...	Bhavnagar-Gondal ...	119	4,137	35	194	8,704	45	2,88,648	106	3,29,678	120	41,030	...
8th ditto ...	Nizam's ...	121	11,290	93	121	11,829	98	2,42,561	140	2,40,634	141	...	1,927
24th June 1882	Mysore ...	58	2,069	36	...	(*a*)...	...	(*b*)31,474	44	58,432	56	26,958	...
	TOTAL ...	298	17,496	59	315	20,533	65	5,62,683	106	6,28,744	111	66,061	...
	GRAND TOTAL ...	9,521	20,58,270	216	9,148	22,87,631	250	4,06,44,115	296	4,32,21,241	309	25,77,126	...
	GROSS ESTIMATED EXPENSES ...	...	...	...	...	...	...	1,92,55,322	140	2,07,98,562	149	...	...
	NET RECEIPTS ...	...	...	...	...	...	...	2,13,88,793	156	2,24,22,679	160	10,33,886	...

(*a*) Return not received. (*b*) Total receipts from 1st April to 25th June 1881. (*c*) Total receipts from 1st April to 24th June 1882.

FRED. FIREBRACE, *Major, R.E.*,
Under Secretary.

SIMLA,
The 29th July 1882.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

IRRIGATION OPERATIONS OF FASL KHARIF IN THE PUNJAB FOR 1882-83 UP TO 31st MAY 1882.

Canal Division.	Water distributed during May 1882. Depth in Canal at Regulating Gauge. Full supply.	Actual throughout.	Gross Consumption, cubic feet per second. Estimated full supply.	Actual average throughout.	Navigation Return Canal. Principal items of Traffic. Up.	Down.	Land Irrigated (approximate). Zila.	Acres.	Rainfall. Average.	During month.	Chief Crops (approximate). Name.	Area in acres.	Remarks.
Bari Doab Canal. 1st Division	4·90	4·4	3,073·60	995·10	...	...	Gurdáspur ...	7,381	1·00	0·30	Cotton ...	18,857	The average supply entering the Bari Doab Canal per second of the head was 2,687·90 cubic feet per second. Of this 23·92 was passed out of the various escapes, and the balance, 2,451·88, was utilised. There is an increase up to date of 5,397 acres as compared with last Kharif, and of 809 acres as compared with that of 1880.
2nd Division, Main Branch, Lower	4·60	2·78		957·26	...	...	Amritsar ...	15,455	0·98	0·40	Rice ...	979	
2nd do., Lahore Branch	3·35	2·83		499·58	...	...	Lahore ...	28,849	1·05	0·20	Sugarcane ...	9,536	
											Others ...	22,313	
TOTAL BÁRI DOÁB CANAL	...	...	3,073·60	2,451·88	...	...	.....	51,685	...	...	.....	51,685	
Corresponding period of last year	...	...	3,073·60	2,060·06	...	...	.....	46,288	...	...	.....	46,288	
WESTERN JUMNA CANAL. Karnál Division	4·33	4·49	2,546	331	Karnal Division 1,000 kurrus, bricks, &c. Karnal Division 2,000 mds. fuel, Delhi Division 12,000 mds. timber.		Umballa ...	362	0·90	0·30	Cotton ...	17,439	The volume of water entering the Canal was 2,690 cubic feet, of which the following was passed through the escapes:— Budhia Khera Escape ... 26 Escape in Delhi Division ... 4 Delhi Canal Tail ... 33 TOTAL ... 63 The operations of the month show an increase of 8,841 acres over the corresponding period of last year. There is a decrease of 6,666 acres of cotton, but an increase of 1,468 acres of sugarcane and 1,010 acres of miscellaneous crops.
Delhi do.	5·70	5·48		756			Karnál ...	10,917	1·37	0·60	Rice ...	174	
Hánsi do.	9·00	8·74		1,213			Delhi ...	20,593	0·60	...	Sugarcane ...	44,655	
Do. Bulla Head	8·90	8·16		312			Rohtak ...	19,003	0·45	0·15	Others ...	5,863	
							Hissár ...	11,156	0·60	...	.....	...	
							Jhind ...	5,915	0·50	...	.....	...	
							Bikaner ...	32	...	...	.....	...	
							Kalsia State ...	63	...	...	.....	...	
TOTAL WESTERN JUMNA CANAL	...	...	2,546	2,612	...	...	.....	68,131	...	...	.....	68,131	
Corresponding period of last year	...	...	2,546	2,436	...	...	.....	59,190	...	...	.....	59,190	
INUNDATION CANALS. Upper Sutlej Division	...	...	...	...	...	...	Lahore ...	500	...	...	Detail not available for want of establishment.	...	The increase in the returns of the Inundation Canals is due to the irrigation of the Muzaffargarh Division, which was not included in last year's return. The decrease elsewhere is due chiefly to the late rise of the Sutlej river. In the Lower Sutlej and Chenab Division the Sutlej has been low, but the Chenab Canals worked well on both banks. There is a very large area under indigo.
Lower Sutlej and Chenab	...	...	...	...	...	...	Montgomery ...	1,500	0·65	0·40		...	
Indus Canals	...	...	...	...	...	...	Mooltan ...	58,245	0·33	...		...	
Mozaffargarh Canals	...	...	...	...	...	...	Dera Gházi Khan ...	23,823	0·54	...		...	
							Mozaffargarh ...	110,000	...	...		...	
TOTAL INUNDATION CANALS	...	...	...	...	...	...	.....	194,068	...	...	.....	194,068	
Corresponding period of last year	...	...	...	...	...	...	.....	118,600	...	...	.....	118,600	
PERENNIAL CANALS GRAND TOTAL	...	...	...	...	...	...	.....	119,816	...	...	.....	119,816	
Do., corresponding period of last year	...	...	...	...	...	...	.....	105,478	...	...	.....	105,478	

J. E. CATTON,
Offg. Asst. Secy. to Govt., Punjab, P. W. D., Irrigation Branch.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

IRRIGATION BRANCH.

IRRIGATION OPERATIONS IN BENGAL FOR 1882-83.

Areas leased for Irrigation up to end of May 1882.

Circle.	District.	Canal.	Supply of Water in the Canals.			Kharif.								Rabi.					Sugarcane.		Grand Total.				Grand total of the corresponding month of last year.	Rainfall.			Remarks.
						Five-year leases.			Three-year leases.			Annual leases.		Three-year leases.			Annual leases.												
			Estimated full discharge in cubic feet per second.	Average discharge in cubic feet per second throughout the month.	Estimated discharge utilised.	Leased in May 1882.	Leased up to end of May 1882.	Total, inclusive of unexpired leases of previous years.	Leased in May 1882.	Leased up to end of May 1882.	Total, inclusive of unexpired leases of previous years.	Leased in May 1882.	Leased up to end of May 1882.	Leased in May 1882.	Leased up to end of May 1882.	Total, inclusive of unexpired leases of previous years.	Leased in May 1882.	Leased up to end of May 1882.	Leased in May 1882.	Leased up to end of May 1882.	Kharif.	Rabi.	Sugarcane.	Total.		Inches during the month.	Inches during 1882-83.	Average of the ten previous years of the same period.	
			c. ft.	c. ft.	c. ft.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Ins.	Ins.	Ins.	
Orissa	Cuttack	Kendrapara	1,269	were closed for repairs.		...	...	40,081	...	...	13,607	...	...	...	...	...	111	111	...	...	53,688	111	...	53,799	46,573	9·18	11·87	3·94	
		Patamoondee	1,042			...	...	11,272	...	...	796	...	...	...	...	...	...	...	...	...	12,068	...	...	12,068	11,582				
		High Level, Section I	675			...	...	13,587	...	...	626	...	...	...	...	...	...	...	3	8	14,213	...	8	14,221	13,926				
		Taldanda	1,300			...	...	10,076	...	...	932	...	...	...	...	...	...	...	...	...	11,008	...	...	11,008	10,354				
		Machgong	650			...	...	25,269	...	...	6,197	...	...	...	...	...	...	...	...	...	31,466	...	...	31,466	28,338				
	Balasore	High Level, Section II	727·16			...	...	204	...	...	1,176	...	...	...	...	...	...	...	...	...	1,380	...	...	1,380	1,410				
	Total of the month		...	...	...	...	...	100,489	...	...	23,334	...	...	...	...	...	111	111	3	8	123,825	111	8	123,942	112,483	9·18	11·87	3·94	
	Total of the corresponding month of previous year		...	...	...	...	...	100,573	436	436	11,099	...	...	...	...	...	199	751	24	60	111,672	751	6	112,483	...	0·78	1·38	4·28	
South-Western	Midnapore	Midnapore	875	48	...	...	...	90,420	...	...	75	...	...	...	...	...	...	...	...	...	90,495	...	...	90,495	91,690	7·27	9·95	6·66	
	Howrah	Panchkoorah	300	14	...	...	...	13,337	...	...	30	...	...	...	...	...	...	...	...	...	13,367	...	...	13,367	12,129	8·68	10·19	4·89	
	Total of the month		...	...	...	...	...	103,757	...	...	105	...	...	...	...	...	...	...	...	...	103,862	...	...	103,862	103,819	15·95	20·14	11·55	
	Total of the corresponding month of previous year		...	...	...	...	...	103,520	...	...	299	...	...	...	...	...	...	...	...	...	103,819	...	...	103,819	...	10·12	12·07	13·14	
Sone	Shahabad	Western Main	4,742	were closed for repairs.		590	590	989	...	...	...	...	...	...	...	...	...	...	...	1,214	989	...	1,214	2,203	1,662	0·40	0·40	0·88	
		Buxar	1,226			842	1,677	4,271	...	...	...	...	...	...	...	...	...	...	141	2,875	4,271	...	2,875	7,246	7,272				
		Arrah	1,660			275	526	33,518	...	...	...	...	...	...	...	3,347	...	...	11	6,085	33,518	3,347	6,085	42,950	24,080	1·57	1·62	1·65	
	Patna and Gya	Eastern Main	1,466	483	...	...	88	214	...	...	...	...	...	...	...	...	...	...	4	78	214	...	78	292	15	1·96	1·96	1·40	
		Patna				...	57	6,756	...	...	...	...	...	...	...	...	5	78	586	2,057	6,756	78	2,057	8,891	1,574				
	Total of the month		...	...	...	1,707	2,938	45,748	...	...	...	...	...	...	...	3,347	5	78	742	12,409	45,748	3,425	12,409	61,582	34,603	3·93	3·98	3·93	
	Total of the corresponding month of previous year		...	...	...	1,001	2,419	7,571	...	...	9,289	...	...	...	...	4,352	...	...	2,084	13,400	16,851	4,352	13,400	34,603	...	9·46	10·31	3·93	
	Grand total of the month		...	...	...	1,707	2,938	243,994	...	...	23,439	...	...	...	...	3,347	116	189	745	12,417	273,433	3,536	12,417	289,386	250,905	29·06	35·99	19·42	
	Grand total of the corresponding month of previous year		...	...	...	1,001	2,419	211,664	436	436	20,678	...	...	...	...	4,352	199	751	2,108	13,460	232,342	5,103	13,460	250,905	...	20·36	23·76	21·35	

CALCUTTA,
The 11th July 1882.

G. F. E. S. NEILL, *Major, M.S.C.,*
Asst. Secy. to the Govt. of Bengal,
in the P. W. Dept., Irrigation Branch.

GOVERNMENT OF INDIA.

DEPARTMENT OF FINANCE AND COMMERCE.

SUPPLEMENT TO THE STATEMENTS OF PRICES CURRENT OF FOOD-GRAINS FOR THE 1st AND 2nd HALVES OF JUNE 1882, PUBLISHED IN PAGES 924, 925, 978, 979, 986 AND 987 OF THE SUPPLEMENT TO THE "GAZETTE OF INDIA," DATED 8th AND 29th JULY 1882.

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

Provinces.	District.	Wheat.			Barley.			Rice. Best sort.			Rice. Common.			Great Millet (Cholum, Jowar), *Holcus Sorghum.*			Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.*			Lesser Millets, Ragi, &c. (Kavaru, Veragoo, Sawee, Cheena, Coraloo, Murnwa, Nuglee, &c.), *Panicum Miliaceum, Eleusine Coracana,* &c.			Gram.			Firewood.			Salt. Wholesale.			Salt. Retail.		
		Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past night.	Corresponding fortnight of last year.
		S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.
	1st half of June 1882.																																
Madras.	Nilgiris (*Revised*)	9 14	9 14	9 14	...	...	...	9 10	9 10	10 6	11 3	12 0	12 0	18 8	20 0	20 0	18 3	19 10	21 0	20 3	20 3	21 10	20 11	21 10	26 8	121 8	121 8	121 8	11 0	11 0	9 3	11 0	11 0	9 3
	2nd half of June 1882.																																
	Nilgiris (*Revised*)	9 14	9 14	9 14	...	...	...	9 10	9 10	11 3	11 3	11 3	12 0	20 0	18 8	23 14	19 10	18 3	23 13	20 3	20 3	21 10	20 11	20 11	26 8	121 8	121 8	121 8	11 0	11 0	9 3	11 0	11 0	9 3
Rajpootana.	Bikaneer	13 4	12 2	10 0	...	...	...	3 1	3 1	2 14	6 8	6 12	6 2	...	...	...	18 8	20 0	13 0	...	...	...	15 0	15 0	11 8	...	...	...	...	...	...	11 8	11 8	11 8

DEPARTMENT OF FINANCE AND COMMERCE,
(Statistical Branch.)

D. M. BARBOUR,
Secretary to the Government of India.

GOVERNMENT OF INDIA.

HOME DEPARTMENT.

MUNICIPAL ELECTIONS IN RANGOON.

No. 287—7R.M., dated Rangoon, 10th July 1882.

From—E. S. SYMES, Esq., Junior Secretary to Chief Commissioner, British Burma,

To—The Secretary to the Government of India, Home Department.

I am directed to submit, for the information of the Government of India, a copy of the papers cited in the margin, on the subject of the recent election of members for the Rangoon Municipal Committee.

General Department Notification No. 38, dated the 26th January 1882.
Letter No. 631½, dated 27th June 1882, from President, Rangoon Municipality.
General Department Notification No. 234, dated the 29th June 1882.
Letter No. 286—7R.M., dated the 10th July 1882, to President, Rangoon Municipality.

No. 38, dated Rangoon, 26th January 1882.

NOTIFICATION—By the Chief Commissioner, British Burma.

I.—Under section 5 of "The British Burma Municipal Act, 1874," the Chief Commissioner directs that 18 of the inhabitants of Rangoon, to be appointed by election, shall be a committee for carrying out the purposes of the said Act in Rangoon.

II.—In addition to the 18 members appointed by election as aforesaid, the number of *ex-officio* members, appointed by the Chief Commissioner under section 7 of the Act, shall be six.

III.—Under section 8 of the Act the Chief Commissioner appoints the Deputy Commissioner of the Rangoon Town District to be President of the Rangoon Municipal Committee.

IV.—Under section 5 of the Act the Chief Commissioner makes the following rules regulating the election of members of the Rangoon Municipal Committee, namely,—

1. The first election held under these rules shall be held on or about the last Friday in the month of May 1882. Every subsequent election shall take place on the dates below mentioned, that is to say,—

the general elections shall take place on or about the last Friday in November 1884 and of every subsequent second year so that the newly-elected members of the committee may take their seats on the 1st January following the date of election;

elections to fill vacancies shall be held on some date following the casualty to be notified by the President, provided that no longer period than 30 days shall elapse between the occurrence of any vacancy and the election. A vacancy shall be held to date from the time that written note of the occurrence of such vacancy may be made by the President in the records of the committee.

2. Members shall be elected to represent the different communities and bodies which compose the population of Rangoon, that is to say,—

		Members.
(*a*)	by the Europeans, Americans, Eurasians, Armenians, Jews, and Parsis shall be elected	5
(*b*)	by the Burmese	5
(*c*)	by the Chinese	2
(*d*)	by the Mussulmans	2
(*e*)	by the Hindus	2
(*f*)	by the Port Commissioners, Rangoon	1
(*g*)	by the Chamber of Commerce, Rangoon	1
	Total ...	18

3. The qualifications for a voter at a municipal election shall be—

that he or she be over 21 years of age;

that he or she be possessed of property within municipal limits to a value of not less than Rs. 500, or pay a monthly rental of not less than Rs. 10, or pay rates and taxes to an amount not less than Rs. 5 a year.

4. Any company registered under the Indian Companies Act, 1866, which has paid up its rates and taxes shall be allowed one vote for any community that it shall declare itself as belonging to; such vote to be given through some duly authorised officer of the company.

5. The qualifications required from a candidate for election shall be—

(*a*) that he be over 21 years of age;

(*b*) that he be a duly enrolled voter for some community;

(*c*) that he shall have paid up all rates and taxes due on his behalf up to the end of the quarter next preceding the date of his offering himself for election;

(*d*) that he shall have been requested to stand by any number of duly registered voters of his community not less than 12; such requisition to be in writing;

(*e*) that he shall be possessed of house property of a value not less than Rs. 5,000, or that he shall rent land or house property within the limits of the municipality of a monthly rental not less than Rs. 50, or that he shall be a payer of rates and taxes to an amount not less than Rs. 60 a year;

(*f*) that he does not hold any paid office under the Municipality.

6. No person shall be qualified to be, or continue to be, a member of the committee who is or who becomes a bankrupt or insolvent, or who is interested (otherwise than as a shareholder in a joint-stock company) in any contract with the committee; and no person who is absent from Rangoon for three months consecutively, or who is sentenced to imprisonment for any non-bailable offence, shall be qualified to continue as a member of the committee. In case of the death, resignation, or disqualification as aforesaid of any elected member of the committee, his successor shall be elected in the manner hereinafter provided, and such elected member shall remain on the committee for the residue only of the term for which the member deceased, resigned, or qualified was originally elected.

7. Each voter shall give one vote for each vacancy among the representatives of the community to which he may belong. But no voter may give more than one vote for any one candidate. Voters of mixed nationality shall be allowed to select either of the two communities with which they are connected in which to vote; but no elector shall vote in more than one community, nor, having recorded himself as belonging to any one community, shall a voter be allowed to change.

8. The President of the municipal committee shall prepare, as accurately as he can, a list of all persons qualified to vote for any community, and also a list of all persons qualified, under clauses (*a*), (*b*), (*c*), (*e*), and (*f*) of Rule 5, to become candidates for election to the municipal committee, and shall publish such lists in at least three issues of two or more of the local newspapers not less than four weeks before the day fixed for each general election. Any person whose name is not on those lists, or whose name is upon a wrong list, may apply, either before the publication of the lists in any year, or within fourteen days of the first publication of such lists, to have his name entered in any list or to have his name transferred from one list, to another. The President, if he sees no valid objection, and if he deems the applicant duly qualified, shall comply with such application. If the President does not deem the applicant qualified, he shall lay the case before an election sub-committee of the outgoing members. If the said sub-committee decide by a majority against the applicant, they shall reject the application, and such rejection shall be final so far as concerns the election next following after the rejection.

9. Votes shall be rendered by means of voting-papers, and the expenses of elections, as may be determined by the President, shall be defrayed by the municipality. The President shall notify, in three or more issues of the English and Vernacular local newspapers, at least 14 days before the day appointed, the date upon which, and the places where, voting-papers can be obtained and where the polls shall be established for the collecting of the voting-papers for each community, and the names of qualified candidates who have obtained for any community the further qualification described in clause (*d*) of Rule 5. On the day fixed the polls shall be open from 8 A.M. until 4 P.M. The papers shall contain in writing the name of the person voting, the community he belongs to, and the candidate for whom he votes. The voting-paper shall be stamped by one of the tellers present and placed in a locked box, and at the end of the day lodged in the municipal office. The President shall appoint gentlemen to act as tellers to watch the ballot during the day of the elections. The boxes shall be strongly fastened with a Chubb's lock, the key of which shall be in charge of the President or Secretary, and the boxes shall be opened and the votes sorted by an election sub-committee of the outgoing municipal committee to be appointed for the purpose.

10. The results of the sorting of the votes shall be published by the President within 48 hours of the closing of the poll. And the names standing highest on the poll for each community shall, subject to any alteration made in accordance with the next following rule, be the elected members for each community.

11. At any time within four days of the day of the poll any qualified voter may make in writing to the President an objection against the vote of any voter being recorded. Such objection shall be considered by the President and the election sub-committee of the outgoing committee. If such objection be held valid by a majority of the election sub-committee, or by one-half the members of the sub-committee and the President, such voter's name shall be expunged from the sorter's list, and if necessary, the order of candidates in the published list shall be modified in accordance with such alteration.

12. If any community shall at any time fail or omit to elect its allotted number of Commissioners, the local Government may appoint one or more Commissioners in place of the number deficient to complete the full number allotted.

13. If an equal number of votes shall be given for any two candidates within any community, and the addition of a vote would entitle any of such candidates to be elected, then such additional vote shall be given by the President.

14. Members chosen to represent the Chamber of Commerce and the Port Commissioners shall be elected in such way as each of those bodies respectively may determine. A certificate under the signature of the Chairman of each body shall warrant the President in [illegible]ing the name mentioned in such certificate in the list of elected members.

15. After the period allowed for objections under Rule 11 shall have expired, the President shall certify to the Chief Commissioner the names of the elected members for each community or body; and the names of the members of the municipal committee for the ensuing term shall be notified in the *British Burma Gazette*.

No. 631½, dated Rangoon, 27th June 1882.

From—K. G. BURNE, Esq., President, Rangoon Municipality,

To—The Secretary to the Chief Commissioner, British Burma.

I have the honour to submit the following report, descriptive of the measures adopted by the Committee and the expenses incurred in giving effect to the scheme for constituting Municipal Boards by election, in lieu of the present system of nomination hitherto observed in this province, and the interest manifested among the different communities of this town, notably the Burmese.

2. As soon as the rules for "Election of members," drafted by the Committee, were approved of by the Local Government, the work of compiling the voters' list was at once commenced, and the lists published without delay.

3. The practice in existence in England for the preparation of voters' lists was *mutatis mutandis* followed here, but a change had to be made on its being pointed out that the system acted on was not in accordance with Rule 8 of the Election Rules.

4. The lists had to be prepared afresh, and republished, but not in time to give the notice required by the same rule.

On this being represented to the Local Government, the election day was postponed from the 23rd of May to the 23rd of June. Although the mistake made in the first preparation of the lists is to be regretted on the score of expense, the postponement may otherwise be regarded with satisfaction, as it gave the people more time to prepare for the coming contest, and considerably more interest was kindled after the second publication than was shewn previously.

5. For purposes of identification the preparation of the lists by wards appears to be preferable to that of separation into communities, as such lists when once correctly made out, and altered from time to time, as occasion may require, would be of great value, not only at election time, but in checking the work of the Thoogyees.

6. As the lists had to be prepared from the assessment rolls in the vernacular, considerable difficulty was experienced in identifying the English and Indian names, owing to the almost impossibility of arriving at any accurate rendering of foreign names into the Burmese character.

7. As regards the names of the European and Burmese communities, few alterations had to be made in the lists, and only in regard to the former.

8. On the whole the lists in English and Burmese were correctly transcribed; and it is curious that although the lists printed in Burmese type at the Burma Herald Press was from the English list, it was not so correct as the latter, thus showing that after a word has been written a few times in different characters the originality, if not entirely lost, is impaired.

9. Simultaneously with the publication of the lists, a time was fixed by the Committee, within which objections might be made to the lists as they stood; and although at first little or no interest was evinced by the general public, a healthier state of things soon set in, and numerous applications were made by persons considering themselves entitled to vote to have their names added to the lists, and a few objections were raised to names already there. The President, aided by an election sub-committee, sat to decide upon all these points.

10. The applications were mostly from a large class of persons resident in Rangoon, and whose names did not appear on the lists, as they neither paid taxes nor rent, but it was contended that they did so indirectly.

The classes were divided into four, namely:—

(1) Employés living rent-free in houses belonging to their employers, such privilege being considered as a part of the salary paid.
(2) Persons chumming together.
(3) Board and lodgers.
(4) Persons residing in clubs.

The claims of the above persons were, after due consideration, admitted under the following conditions:—

(1) *Employés.*—That the monthly rental value of the house belonging to the employer and occupied by the above be not less than Rs. 10, or that the employé's salary be not less than Rs. 100 per mensem.

(2) *Chummeries.*—That persons living together for not less than one month are entitled to vote, provided the rent paid, if equally divided between them, proved sufficient to qualify each person under rule 3 or 5.

(3) *Board and lodgers in private houses or hotels.*—That the stay be not less than one month, and that one-fifth of the charge made for board and lodging in respect to each person is sufficient to qualify under rule 3 or 5.

11. It was also decided that the word "property" referred to in Rule 3 applied to moveable as well as immoveable property, the definition of property as given in the Civil Procedure Code being followed.

It was considered by many that this ruling opened the door for faggot voting; whether it did so, or not, the ruling was, under the circumstances undoubtedly correct, and it was for the President and election sub-committee to decide as to the *bonâ fide* character of each person's claim before admitting the vote. As a matter of fact no advantage was taken of the ruling.

12. Every publicity was given in regard to the measures to be adopted for carrying out the elections; and if any person qualified to vote did not take the trouble to record it, the blame rests upon that person, and not upon the Committee.

13. Under the rules each voter is allowed one vote for each vacancy, among the representatives of the community to which he or she belongs, and as many tickets as there were vacancies in each community were issued; the tickets for each community bore a distinguishing colour.

To suit the convenience of voters, many tickets were issued on application some time previous to the day of the elections; but this led to such extraordinary abuse, that further issue had to be stopped, and all tickets already issued cancelled, and each voter compelled to appear personally at the polling station set apart for his or her quarter, and there to receive one ticket, on the back of which the names of the candidates voted for were written and received back by the tellers.

14. This subsequent alteration met with the entire approval of all right-minded persons, although it was regretted that the change had to be made so shortly before the election day. It had the advantage too of not only checking malpractices, but of making people acquainted with the name of the quarter in which they lived, concerning which many were strangely ignorant.

15. Polling stations were erected at the following places:—

(1) Kemendine.
(2) Junction of Keighly Street and Commissioner's Road.
(3) Junction of Canal Street and China Street.
(4) Ripon Hall.
(5) Poozoondoung.
(6) Municipal Office.

These stations were fixed with due regard to the convenience of voters, and no complaint has been made of the inconvenient distance any voter had to travel to vote.

One voting box was deemed sufficient for all the stations, except the Ripon Hall, where three boxes were placed.

The boxes were secured by Chubb's patent locks.

16. Tellers were appointed for each station, and were assisted by the Thoogyees of the different circles. Rules were drawn up for their guidance.

The Committee sanctioned the disbursement of two goldmohurs a piece to each of the tellers for the duty to be performed, and, taking into consideration the fact that they were in attendance from 8 A.M. to 4 P.M. and again from 4 P.M. until 7-30 P.M., the fee was not excessive, and was well earned by each one.

17. After the second publication of the lists, the Rangoon people began to bestir themselves. A committee was formed by the European community, and canvassing freely carried on.

18. Several meetings, which were largely attended, were held, and they afforded convincing proof of the favour in which the new departure from the hitherto recognised system under which Municipal Government had been carried on was held by the public.

The local press by their criticisms kept up the excitement which waxed warmer as the eventful day approached.

The competition for a seat on the new board was keen amongst the Burmese, whose candidates adopted various means for securing their return, and a free bestowal of money and entertainment of voters was largely resorted to.

19. The tellers were at work punctually at 8 A.M., but the real work of the day did not commence much before noon.

20. Special precautions were taken for preserving the peace. An additional force of constables with three mounted inspectors, Messrs. Molloy, Stuart, and Pusey, patrolled the streets; besides these, four constables were on duty at each of the polling stations to keep order.

21. The police had orders to disarm quietly all persons parading the streets with dahs or other deadly weapons,—a necessary precaution on an occasion of this kind, especially so as rumours were afloat of an intention on the part of certain evil-disposed persons to create a disturbance.

22. The day which was observed as a general holiday, however, passed off quietly; and to the great credit of the town, and the police on duty, no breach of the peace occurred.

23. Commencing from about 10 A.M. until dark crowds paraded the streets, and the polling stations were well patronised by all classes, each voter evincing the greatest eagerness to record his or her vote.

Every man, woman, and child was decked out in holiday attire, and every one brimful of good humour, and bent on making most of the holiday.

24. A large number of hackney carriages were engaged for the occasion at from Rs. 4 to Rs. 5 for the day to convey voters to the poll, and were placarded "Hired for voters only"; this was done by the Burmese as well as the European community, and the drivers reaped a good harvest. Carriages carrying flags and musicians were considered a necessary part of the proceedings.

25. There was a fair number of female voters at the poll bent on exercising "women's rights."

26. They showed themselves to be not one whit behind the men in their attempts at "hocussing" in order to obtain an unlimited number of voting papers; and the same man or woman with solemn countenance applying three or four times over at the ticket window, under the plea of never having received a voting paper, was by no means infrequent, and no doubt afforded amusement enough to them, but not to the tellers.

One case of cheating was brought to notice at the China Street polling station, where a voter was caught *flagrante delicto* changing the name of a candidate voted for for another candidate after his own heart. He had got the ticket from another under some pretext, and his action roused against him strong indignation; and had the police not been there, it is possible he would have been taught a lesson by the crowd.

27. The great crush was at China Street; and it is probable that during the rush which was made shortly before 4 P.M. several were prevented from voting.

28. The accommodation at this station was perhaps hardly sufficient. It would be an advantage to allow the polling stations on the next occasion to be opened at an earlier hour than fixed upon this time or to close later.

29. Immediately on the closing of the poll, the boxes were conveyed to the Municipal Office, and the sorting commenced under the direction of the President and a Member, Mr. Darlington and the Secretary, assisted by the tellers.

The sorting was completed by 7-30 P.M., and the number of votes recorded for each community was shown to be as follows:—

Europeans	...	...	...	...	...	2,062
Burmese	...	...	...	...	...	7,505

The contest lay between the Europeans and Burmese, as the representatives of the other communities were returned unopposed.

30. The result had to be declared within 48 hours, and 5-30 P.M. on the following day, Saturday, was fixed for the publication of the names of the successful candidates, and some time before the appointed hour a large and enthusiastic crowd assembled outside the Municipal Office which was gaily decorated for the occasion, impatient to know "who had got in"

The presence of the band of the 11th Madras Native Infantry helped to enliven the scene.

31. Punctually at 5-30 P.M. the names of the candidates, with the number of votes obtained, were read out in the order gained, and they were as follows:—

European, &c., Community.

C. R. Cowie	366	votes	S. Vertannes	157	votes.
Dr. T. F. Pedley	354	„	Dr. H. Godbier	79	„
J. Stuart	313	„	J. A. Cohen	74	„
S. Hare	310	„	Dr. J. O. Henderson	60	„
Revd. Dr. J. E. Marks	291	„	Revd J. Packer	54	„
M. J. Cohen	... 14	votes.			

Burmese Community.

Oo Ngyoon	955	votes.	Moung Khine	303	votes.
Moung Hpo Hmyin	954	„	Oo Yoon	299	„
Ko Myat Sau	951	„	Ko Nyein	244	„
Moung Ohn Ghine	811	„	Oo Myine	227	„
Ko Kwet Nee	761	„	Oo Kweh O	207	„
Moung Kha	675	„	Oo Thine	195	„
Moung Hpo Thoung	518	„	Moung Oung	62	„
Oo Kah	326	„	Moung Htoon Oung	15	„
Oo Moung Galay	... 2	votes.			

Elected without opposition.

Chinese Community.

L. Shain Tuck,

Mussulman Community.

Aga Ahmed Ispahany. | Ebrahim Agjim.

Hindoo Community.

Bugwan Doss. | P. C. Sen.

and the successful candidates were loudly cheered.

Each one was prevailed upon to address the crowd, and the utterances of the Chinese Member met with marked approval by all; but as the oration was in Chinese, and none of the Chinese could be detected in the crowd, the pleasure which his appearance on the balcony gave arose more from admiration for his pluck, in addressing so large and mixed an audience, than from any ability to understand what he said.

32. The declaration of the poll brought to an end the first election held in British Burma, and the interest which this trial system has evoked on all sides augurs well for Rangoon, and the day will be remembered as marking a decided step forward in the march of civilisation among the inhabitants of this town.

33. The total cost of the election amounts roughly to Rs. 7,820-13-2. The cost has exceeded, perhaps, first anticipations; but taking into consideration the expense incurred in republishing the lists, and the many other expense incidental to a first election, the expenditure is not excessive, and with material on hand, and experience gained on all sides, the expense on the next occasion should be considerably lessened.

The published lists will not only be a valuable guide when the next election takes place, but will be of some service to the Assessment Committee.

34. A charge of bribery and corruption was brought by certain Members of the Burmese community, some of whom were the defeated candidates, and investigated by the President and Election Sub-Committee and thrown out as groundless.

A scrutiny of the votes has been demanded by one of the European defeated candidates; but besides the above, no complaints have been made, and it is a matter for congratulation that everything in connection with the elections has passed of so well.

35. It is a question for future consideration whether it would not be better to give one community the right to vote for another community, and to make a knowledge of the English language a necessary qualification.

36. It only remains to notice the labours of those who have been instrumental in bringing about the successful result as shown on Friday, 23rd June 1882.

37. To Mr. C. J. Brown, the Secretary to the Committee, the Committee tender their best thanks for the unwearied attention he has given in carrying out their orders. The work has been arduous and trying, and the twice preparation of the lists, comprising 14 large volumes, involved no slight labour, which was cheerfully and creditably performed by Mr. Brown and his subordinates, among whom the head clerk, Mr. Wales, the Akoonwoon Moung Tso, and his assistant Moung Chit, deserve special notice.

The Committee also tender their thanks to Mr. Hall, the Officiating Executive Engineer, for the work done by him.

The Committee also desire to recognise the satisfactory manner in which the tellers, Messrs. Coleman, Lenaine, Wales, Jordan, Ward, Finucane, Riddock, Savage, Moung Shway Tso, Abdool Gunny, Moung Chit, Moung Nyo Htoon, Syad Azim Moideen, Mogan Dass, Moung Po Oung, and Mahomed Ally did their work.

No. 234, dated Rangoon, 29th June 1882.

NOTIFICATION—By the Chief Commissioner of British Burma.

In accordance with the recommendation of the present Municipal Committee of Rangoon, an election has been held of members to represent the inhabitants of Rangoon on the Municipal Committee. The newly constituted Committee will take charge of their duties with effect from such date in the beginning of July 1882 as the President of the Committee can arrange for convening the first meeting of the new Committee. From that date the resignation of the members of the present Committee will be accepted, and the Chief Commissioner takes opportunity to thank the outgoing Committee and their predecessors in office for the great public services they have done to the town of Rangoon and to the Local Government. Among the more important recent acts of the outgoing Committee was their resolution of last autumn, that for the future the municipal affairs of the town of Rangoon should be managed by an elective Committee.

The members of the new Committee are—

1.	Oo Nyon	who were elected by the Burmese community out of 17 candidates and who polled from 955 to 761 votes apiece.
2.	Moung Po Myin	
3.	Moung Myat San	
4.	Moung One Gaing	
5.	Moung Kywet Nee	
6.	Mr. C. R. Cowie	who were elected by the European community out of 11 candidates and who polled from 366 to 291 votes apiece.
7.	Dr. T. F. Pedley	
8.	Mr. J. Stuart	
9.	Mr. Sherlock Hare	
10.	Rev. Dr. J. E. Marks ...	
11.	L. Shain Tuck	who was returned by the Chinese community without contest.

12. No second representative was chosen by the Chinese community.

13.	Mr. P. C. Sen	who were returned without contest by the Hindu community.
14.	Lalla Bugwan Doss	
15.	Aga Ahmed Ispahany ...	who were similarly returned by the Moslem community.
16.	Ibrahim Agjim	
17.	Mr. F. C. Kennedy	who was chosen by the Chamber of Commerce.

18. No representative has as yet been returned by the Port Commissioners.

In accordance with section 7 of the British Burma Municipal Act, 1874, the Chief Commissioner appoints the undermentioned *ex-officio* members of the Municipal Committee, namely,—

		Name of present incumbent.
19.	The Deputy Commissioner of Rangoon. ...	Major M. C. Poole.
20.	The Senior Civil Surgeon of Rangoon.	Surgeon-Major H. Griffith.
21.	The Principal of the Rangoon High School.	Mr. J. H. Gilbert.
22 & 23.	The two Senior Honorary Magistrates of Rangoon, who are at the same time Loogyees of the Shway Dagone Pagoda.	Oo Po Gyee. Oo Po Hnyin.
24.	The Akoonwoon of Rangoon Town District.	Moung Shway Waing.

Under the notification of the 26th January 1882, the Deputy Commissioner of Rangoon will be President of the Municipal Committee of Rangoon until such time as the members of the Committee shall exercise the power of electing one of themselves to be President. From the date of such election being sanctioned by the Chief Commissioner, the Deputy Commissioner, unless he should be chosen by his colleagues to be their President, will be allowed to resign the office of President of the Rangoon Municipal Committee.

No. 286—7R.M., dated Rangoon, 10th July 1882.

From—E. S. SYMES, Esq., Junior Secretary to the Chief Commissioner, British Burma,
To—The President of the Rangoon Municipality.

I am directed to acknowledge the receipt of your letter No. 681½, dated the 27th June, submitting a report of the measures adopted for the recent election of members for the Municipal Committee. I am to express the Chief Commissioner's acknowledgments of the trouble taken by the late Committee in the management of the elections; and to convey his congratulations on the results of the first popular election held in Burma. The interest in the matter displayed by the Burmese is especially gratifying as an earnest of the success likely to attend the planting of popular institutions in this province.

2. Some mistakes inseparable from a first attempt of the kind were no doubt made, and the expense incurred was heavier than might have been expected. The experience now gained will be valuable in showing the way to avoid similar errors on future occasions. At the next election in 1884, the rules for election may perhaps require modification in some particulars. Any representations which the newly elected committee may see fit to make in this regard will receive due consideration.

No. 116, dated Simla, 2nd August 1882.

From—A. MACKENZIE, Esq., Secretary to the Government of India, Home Department,
To—The Chief Commissioner of British Burma.

I am directed to acknowledge the receipt of your letter No. 287—7R.M., dated the 10th ultimo, and enclosures, including a report by the President of the Rangoon Municipality giving an account of the proceedings in connection with the recent election of members for the Municipal Committee of that town.

2. In reply I am to say that the Governor General in Council has perused these papers with much interest, and desires to express his gratification at the success which has attended these elections, which are the first that have been held in British Burma.

3. With reference to paragraph 18 of the report, I am to enquire whether in your opinion any special measures are likely to be required to prevent the payment and treating of voters on future occasions. Possibly the knowledge that such proceedings are not allowable would be sufficient to put a stop to these irregularities on the part of the Burmese candidates, who alone are described as having had recourse to them.

A. MACKENZIE,
Secretary to the Government of India.

GOVERNMENT OF INDIA.

REVENUE AND AGRICULTURAL DEPARTMENT.

REPORTS ON THE STATE OF THE SEASON AND PROSPECTS OF THE CROPS FOR THE WEEK ENDING THE 1st AUGUST 1882.

GENERAL REMARKS.—The rainfall in the extreme south-west of the Madras Presidency and in Coorg has continued to be very heavy. In other parts of the Presidency it has been comparatively light. It has also been light in the Nizam's Territories. In Berar it has been light in the western and heavy in the eastern part. In the Bombay Presidency there has been a partial break in the rains in a few districts, while in others a fair amount of rain has again fallen. In the Central Provinces heavy showers have continued in some districts and fair rain in others.

The Central India and Rajputana States have continued to receive good rain; so also the Punjab and the Rohilkhand, Meerut and Agra Divisions of the North-Western Provinces. In other parts of these Provinces and in Oudh the rainfall has been light. In Bengal rain in varying quantities has fallen in all districts. In Assam the rainfall is reported to be insufficient. In British Burma the falls have been good.

General prospects may be characterised as favourable throughout the country. There is, however, a marked want of rain for rice transplantation in Assam, Bengal, and the eastern parts of the North-Western Provinces. Other crops in the two latter Provinces are doing well. In the Punjab the *kharif* sowings are still in progress in some districts, while in others they have germinated; general prospects are good. In Rajputana and Central India young standing crops have in parts suffered from excessive rain, but prospects are favourable on the whole. In the Central Provinces also the young crops are doing well, and here too a break in the weather is needed for weeding.

In the Bombay Presidency sowings have been almost completed, transplantation of rice crops is in progress, and all crops are doing well, save in parts of the Poona district where more rain is needed. In Berar the *kharif* crops are promising. In the Nizam's Territories they are still being sown. In the Madras Presidency crops have in some districts been somewhat damaged by floods, and in others they require more rain; but general prospects are fair. In Coorg the heavy rains have injured crops, roads, and health; rice transplantation in the more southern parts is proceeding. In British Burma ploughing, sowing, and transplanting are in progress.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Madras—(Aug. 3rd)		
Bellary ...	·71 (average of seven stations).	Standing crops generally good, but dry partially withering and worm-eaten; agricultural operations progressing.
Kurnool ...	·26 (average of six stations).	Crops sprouting well; rain much wanted; floods in Tungabadra subsiding; cattle-disease in parts.
Ganjam ...	·65 (average of ten stations).	Standing crops thriving; harvest gingelly, outturn poor; small-pox and cattle-disease exist; cholera subsiding.
Kistna ...	·56 (average of eleven stations).	Standing crops fair, but flooded in seven taluks; small-pox and cattle-disease exist.
Chingleput (Madras) ...	·96 (average of nine stations).	Standing crops good under large tanks and channels; agricultural operations progressing.
Coimbatore ...	·52 (average of seven stations).	Standing crops generally good, though dry damaged by rain-floods and insects in certain taluks; dry crops want rain in parts of one taluk; harvest dry crops, yield about average; small-pox and fever in parts.
Tanjore ...	·92 (average of eight stations).	Standing crops generally good, though damaged by breaches in six taluks; cattle-disease in parts of one taluk.
Madura ...	·30 (average of two stations).	Standing crops fair, but withering in one taluk; harvest paddy in one taluk; cholera in parts.
Malabar ...	12·26 (average of fourteen stations).	First crop partially destroyed by heavy rain; cholera, fever, and cattle-disease in parts, small-pox more general.
Travancore ...	5·43	Rice cultivation greatly damaged by floods; fever slightly prevalent. *General Remarks.*—General prospects fair.
Bombay—(Aug. 2nd)		
Kurrachee ...	No rain	Fever in five talukas; 1 case small-pox in Tatta taluka; river on 31st 18 feet 11 inches against 15 feet 7 inches last year; much damage to crops by floods; wheat, red rice, and *bajri* in Kurrachee 28, 36 and 32, in Kotri 30, 32 and 44, in Tatta 24, 36 and 40, and in Mirpur Botoro 22, 44 and 40 lbs. per rupee, respectively.
Hyderabad ...	Rain in seven talukas, average fall 1·31; in Hyderabad 1·96.	River in flood; fever in Mirpur taluka; small-pox in Mandiaro taluka; wheat 25, *juari* 45, *bajri* 40, red rice 31½, and white rice 22 lbs. per rupee.
Ahmedabad ...	·61	Total rainfall 25·84; sowing continues; transplantation of rice commenced in some talukas; in Ahmedabad city 3 cholera cases, 2 fatal; wheat 27 and *bajri* 30 lbs. per rupee.
Baroda ...	·37	Total rainfall 29·41; cholera abating at Manekwara, but has appeared at Amreli; *bajri* 29 and common rice 23 lbs. per rupee.
[illegible] ...	·27	Total rainfall 31·70; break continues; young crops generally healthy; *juari* 44½ and *nagli* 51 lbs. per rupee.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Bombay—*contd.*		
Násik ...	Igatpuri, 5·93; Peint, 2·89; Nandgaon, 1·50; showers elsewhere.	All crops doing well; locusts in Nandgaon; few cases of cholera in Nasik and Nandgaon; wheat 24, *bajri* 36, and rice 25 lbs. per rupee.
Colaba (Bombay) ...	Rain every day except on 29th; total of week 1·70.	Total rainfall to date 55·19, being 8·79 above average; abnormal temperature fell from 1° warm on 26th to 2° cool on 27th, rose to 2° warm on 29th and again fell to 1° cool on 31st, at which it remained on the 1st; vapour in air normal; wind normal from 26th to 28th, afterwards there were abnormal winds from north-east.
Poona ...	.....	Break in weather continues except in Mawal taluka; more rain wanted in Indapur and Bhimthari; young crops thriving; 2 fatal cholera cases in Bhimthari; *bajri* 45½ and *jowari* 57 lbs. per rupee, in Poona *bajri* 36¾ and *jowari* 47¾ lbs. per rupee.
Ahmednagar ...	Total average rainfall 11·09; Sheogaon ·83; Newasa, ·54; Akola, ·41; very slight rain in Nagar, Parner, Jhamkhed, and Sangamner; none in rest.	Sowing of *kharif* completed in Parner, Shrigonda and Karjat and in progress in seven talukas; cattle-disease in Nagar and Sheogaon; cholera—in Nagar 1 case fatal, in Parner 16 cases, 4 fatal; in Shrigonda 16 cases, 8 fatal; *bajri*—maximum 60 lbs. in Jhamkhed, minimum 48 in Kopergaon; *jowari*—maximum 96 in Jhamkhed, minimum 54 in Kopergaon.
Sholapur ...	·14	Total rainfall 17·06; cholera as before 148 cases, 59 deaths; *bajri* 56 lbs. 38 tolas and *juari* 77 lbs. per rupee.
Dharwar	Rain at all stations except Navalgund, Nargund, Gadag, and Ron; maximum at Hangal, 1·40; minimum ·42.	Owing to break in weather, sowing of *juari*, &c., resumed; young crops, except where damaged by excessive rain, promising; slight foot-and-mouth disease among cattle in Bankapur, Hangal, and Ron talukas; scarcity of drinking-water in villages of Nargund petta; prices stationary.
Kanara ...	Karwar, 3·95; Kumpta, 5·62; Sirsi, 8·07; Hallial, 1·62.	Total rainfall 76·72; transplanting in rice-fields completed; all plants healthy, except in low lands; sugarcane thriving; general health good; cattle-disease subsiding; common rice in Karwar 11 seers, in district average 14½ seers per rupee.
Rajkot ...	No rain	Weather fine; crops thriving; health good; *bajri* 26 and *juari* 30 lbs. per rupee. *General Remarks.*—Sowing mostly completed; transplantation in progress; partial break in some districts; young crops doing well; fever and cattle-disease in a few districts; cholera in Satara, Sholapur, Ahmednagar, and parts of Kathiawar.
Bengal—(Aug. 2nd)		
Chittagong ...	1·59	More rain wanted; prospects of crops not very promising; cultivation of *amun* going on; prices somewhat high; cholera, small-pox, and cattle-disease not abated.
Dacca ...	·56	Rain still required for paddy and other crops; harvesting of *aus* rice continues; some cholera in town.
24-Pergunnahs (Calcutta)	1·04	Prospects of jute, early rice, and sugarcane good; transplanting of *amun* going on; more rain wanted; prices unchanged; health generally good; a few cases of small-pox amongst cattle reported from Bahraitch subdivision.
Moorshedabad ...	·49	Harvesting of *bhadoi* commenced in some places; transplanting of *amun* going on, but somewhat retarded for want of sufficient rain; fever reported from Gokurm and Rangamati.
Rajshahye ...	·36	Paddy and other crops beginning to suffer considerably from want of rain; harvesting of *kaon* and *aus* paddy commenced; prices rising; fever general; some cases of cholera.
Burdwan ...	·8	Rain wanted throughout the district, especially in Katwa subdivision; cholera reported from parts of Sadr subdivision.
Rungpore ...	·54	Weather hot and dry; transplanting of winter rice at a standstill for want of rain; prospects of other crops good; good crops of jute and early rice being harvested; public health good.
Bhagálpur ...	·32	Rain wanted for transplanting rice; prospects of autumn crops good.
Purneah ...	1·54	Rain much wanted; rice damaged by drought; ploughing for cold weather crops general; health fair; Kosi low, Ganges very high.
Patna ...	·28	A heavy fall in the south; prospects of autumn crops good; more rain required for transplanting rice; cholera still reported from Barrh and Behar subdivisions.
Durbhunga ...	1·42	Rain badly wanted everywhere for transplanting rice; a fair *bhadoi* harvest expected; prices stationary, with inclination to rise; cholera nearly gone.
Hazáribágh ...	1·31	Occasional clouds; *bhadoi* crops promising; more rain wanted for transplanting rice; cholera and small-pox still reported; public health generally good.
Cuttack ...	·92	*Beali* and *sarad* rice being reploughed and progressing well in Jaipur; rivers have overflowed their banks, no damage to crops; cholera disappearing. *General Remarks.*—Rainfall still very deficient in most parts of this province; prospects of late rice generally not very favourable, save in Orissa and parts of Chota Nagpur and in a few other districts where good rain has fallen; transplanting being interfered with, in places it is quite at a standstill; early crops however doing well, but are also in want of rain in some places; fever has appeared in some districts; cases of cholera still reported from some places.

Presidency or Province and District.		Rainfall for week preceding.	State of agricultural prospects.
N. W. Provinces and Oudh—			
Benares	(Aug. 1st)	Benares, ·6; Chandauli, 1·20; Gungapur, *nil.*	Rain needed for transplanting late rice; health of cattle good; cholera decreasing, but still prevalent in the city and its environs; some complaints of fever in the Gungapur tahsil; bazars well supplied; prices steady.
Allahabad	(„ 2nd)	Very little rain during week.	More rain wanted for transplanting rice; crops however doing very well; some sporadic cholera, but not much considering season; slight cattle-disease reported; prices falling.
Gorakhpur	(„ 1st)	No rain except a few local showers since 4th.	Rice beginning to suffer; rain greatly needed; condition of people good; prices continue to rise; some cattle-disease and cholera prevalent.
Jhánsi	(July 31st)	Rain from 7·0 in Jhánsi pargana to 1·0 in Moth pargana.	Crops in light *rankar* soil promise well, those in *mar* soil being injured by rain; a break is greatly wanted; *tur* and *bajra* still being sown; cholera reported to-day from Gursarailaga.
Cawnpore	(Aug. 1st)	Average rain over 1·30	Weather clear; crops flourishing; cholera continues; prices slightly fallen.
Agra	(„ „)	Rain in all parganas from ·7 to 6·20.	Crops in low lands suffering from continued wet weather; floods reported from west of Fatehpur-Sikri; a break much needed; slight fever in six parganas; cholera somewhat abating in Ferozabad; general health good; prices stationary.
Bareilly	(„ „)	.....	Weather seasonable; prospects good; a few deaths from cholera reported.
Meerut	(„ „)	Meerut, 1·20; Hapur, ·7; Baghpat, 2·70; Mowana, 1·40; Ghaziabad, 1·70; Sirdhana, 1·60.	Weather seasonable and rains opportune; health good; crops flourishing; *rabi* ploughings commenced; prices a little risen.
Farukhabad	(„ „)	Showers in four tahsils; rain lighter.	More rain wanted; prices steady; markets well supplied; health good.
Kumaun	(„ „)	.....	Prospects of crops very good; *mákdmari* in two villages, 11 deaths; cattle-disease less; prices slightly lower.
Rae Bareli	(„ „)	Sadr, 2·80; Dalmau, 2·00; Digbijaiganj, ·6; Salon, 1·80.	Prospects favourable; cholera still continues; cattle-disease has again broken out in tahsil Dalmau; prices stationary.
Lucknow	(„ „)	Lucknow, ·5; Malihabad, 1·20; Mohanlalganj, ·1.	Crops in good condition; weeding commenced; cholera still continues in city and district; prices steady.
Partabgarh	(„ „)	Good rain at Kunda, a heavy shower has fallen at Sadr.	Rain wanted badly at Sadr and north and west of Patti, where crops are beginning to suffer; at Sadr wind easterly; sky clear.
Sitapur	(„ „)	No rain in Sitapur and Sirdhauli, very little in other tahsils.	Rice much injured, also *sawan* in tahsil Sitapur, otherwise crops still fair; cholera much on the increase; supplies plentiful.
Fyzabad	(„ „)	·8	Weeding commenced; weather cloudy; cholera continues; cattle-disease appeared at tahsil Akbarpur.
			General Remarks.—Good rain and prospects excellent in Meerut, Agra, and Rohilkhand divisions, and a break would be beneficial in Agra, elsewhere rains lighter, and more is required, especially in Benares Division, for rice crops; prices on the whole stationary; cholera continues in eastern district, otherwise health good; cattle-disease has again appeared in eastern districts, but is less in Kumaon.
Punjab—(Aug. 1st)			
Delhi	...	4·60	*Kharif* prospects good; health good; prices falling.
Hissar	...	4·0	*Kharif* prospects good; health good; prices stationary.
Umballa	...	1·60	*Kharif* sowings nearly finished; health good; prices steady.
Jullundhar	...	3·0	Health good; prices steady.
Amritsar	...	2·60	*Kharif* sowings continue; prices stationary; health good.
Sialkot	...	3·0	Health good; prices steady.
Lahore	...	8·0	Health good; prices stationary.
Ferozepore	...	1·60	*Kharif* sowings in progress; fall in prices of grain and *juar*.
Mooltan	...	·50	*Kharif* crops good; health good; prices stationary.
Rawalpindi	...	4·0	*Kharif* crops in progress; cattle-disease in tahsils Rawalpindi and Murree and a few cases of measles in Pindigheb; slight rise in price of wheat.
Dera Ismail Khan	...	·70	*Kharif* crops good; health good; prices falling.
Peshawar	...	1·90	*Kharif* sowings in progress; health good; prices falling.
			General Remarks.—Good rain has fallen throughout the province; *kharif* sowings in progress; health good, but a few cases of measles are reported from Pindigheb, and rinderpest has appeared in tahsils Rawalpindi and Murree; prices of food-grains generally are stationary.
Central Provinces—			
Nagpur	(Aug. 2nd)	1·27	Crops promise well, but break required; isolated cases of cholera; prices steady.
Jubbulpore	(„ 1st)	2·93	Weather cloudy, showery; break needed; sowings continue; crops doing well; cholera and small-pox reported; wheat 17 seers per rupee.
Saugor	(July 31st)	4·96	Slight damage to crops by excessive rain; few cases of cholera; prices steady.
Seoni	(Aug. 1st)	1·95	Weather close with showers; cholera and cattle-disease still con... wheat 19 seers per rupee.

Presidency or Province and District.		Rainfall for week preceding.	State of agricultural prospects.
Central Provinces— *contd.*			
Khandwa	(Augst 1st)	·32	Weather cloudy; weeding operations commenced; clear weather needed; cholera slightly prevalent; wheat 12 seers per rupee.
Hoshangabad	(„ „)	2·04	*Kharif* suffering from continuous rain; break needed; small-pox and cholera reported; wheat 15 seers per rupee.
Raipur	...	.....	No report received.
Sambalpur	(July 27th)	4·28	Weather seasonable; prospects of crops and health good; rice 56 seers per rupee.
			General Remarks.—Weather cloudy, with rain in most districts; break needed for weeding purposes; prospects of crops favourable, but slightly damaged from incessant rain; cholera still prevalent, with few cases of small-pox; prices stationary.
British Burma—(July 29th)			
Akyab	...	11·16	Total rainfall 135·08; 15 deaths from cholera in two townships; slight small-pox in two townships, otherwise public health good; cattle-disease prevalent in six townships and severe in four; sowing in progress.
Rangoon	...	2·08	Total rainfall 44·02; public health good; ploughing progressing.
Bassein	...	7·81	Total rainfall 67·39; 1 death from cholera in town and 14 in district, otherwise public health good; cattle-disease in three townships; ploughing and planting out progressing.
Prome	...	1·97	Total rainfall 21·08; 1 death from cholera in town and 89 in the district; cattle-disease much the same; ploughing very backward, especially in one district.
Amherst (Moulmein)	...	3·25	Total rainfall 113·08; public health good, both in Moulmein and district; cattle-disease reported in five townships; ploughing and sowing still going on.
Toungoo	...	2·45	Total rainfall 46·47; 2 deaths from small-pox in district, otherwise public health good; 35 deaths from cattle-disease in district.
			General Remarks.—Cholera prevalent in Prome and Henzada, some also in Akyab, Tharrawaddy, Bassein, and Thonegwa, otherwise public health generally good; cattle-disease continues; rain sufficient except in Prome and Thayetmyo; ploughing, sowing, and transplanting going on well.
Assam—(Aug. 2nd)			
Gauhati	...	3·04	Weather very hot; rain much wanted for transplanting operations; public health good.
Sylhet	...	1·60	Continued drought at this time of year very serious; bad accounts from all parts of the district; prospects gloomy.
Cachar	...	1·85	Weather [illegible] favourable) [illegible] case of small-pox reported from [illegible] and 209 cows by cattle-disease during July [illegible] station; 22 buffaloes and 26 cows now attacked with the [illegible] rain very much wanted.
Dibrugarh	...	1·83	Weather sultry; *aus* paddy being cut; more rain wanted for transplanting *sali* paddy; public health generally good; cattle-disease still reported.
Mysore and Coorg—(Aug. 2nd)			
Bangalore	...	.....	No report received.
Mysore	...	.....	No report received.
Mercara	...	17·3	Total rainfall during July 101·64 inches greater than ever known, proving injurious to roads, crops, and health; rice being transplanted in South Coorg.
Berar & Hyderabad—(Aug. 2nd)			
Amraoti	...	3·23	*Kharif* crops in good condition; wheat 18 and *juari* 30 seers per rupee.
Akola	...	·05	Weather warm and cloudy; *kharif* crops promising.
Hyderabad	...	·45	Total rainfall from 1st January 11·38; *kharif* crops being sown; fever and cattle-disease prevail in some places; prices—wheat [illegible], coarse rice 10, white *juari* 25, yellow *juari* 25½, and *tur* 25½ seers per Halli sicca rupee.
Central India States—(Aug. 2nd)			
Indore	...	2·71	The crops on low-lying grounds have been somewhat damaged by excessive rain, otherwise prospects are favourable; health good.
Morar (Gwalior)	...	2·49	Health and prospects good.
Sutna	...	3·33	Health good.
Rutlam	...	.....	No report received.
Neemuch	...	3·88	Health good; crops thriving.
Goona	...	3·24	Prospects good.
Bhopal	...	·90	Health and prospects good.
Agar	...	·20	Cholera at Rutlam, but disease on the decrease.
Nowgong	...	2·32	Fine weather much wanted; health good; prices stationary.
Manpur	...	·70	Break in rain has proved beneficial to *juar* and *makka* crops; health good.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Rajputana—		
Abu (Aug. 2nd)	1·70	Break occasionally ; weather warm.
Sirohi (July 30th)	.....	Wells, tanks, health, and prospects good ; weather clear.
Marwar („ 28th)	2·60	Two months' water in tanks ; wells almost full ; health good ; crops in infancy, but doing well ; weather cloudy ; more rain expected ; prices stationary.
Meywar („ 29th)	0·16	Tanks and wells good ; diarrhœa and dysentery prevail ; crops very good.
Harowti („ 29th)	Deoli, 2·30 ; Kotah, 2·49 ; Tonk, 2·55 ; Shahpura (previous week), 4·25.	Cholera prevalent at Tonk, some cases at Shahpura ; crops suffering from too much rain ; a break in rains needed.
Jhallawar („ 26th)	10·61	Weather cloudy ; *makka* crops damaged from too much rain.
Ajmere (Aug. 1st)	.....	Weather breaking ; prospects good ; cholera still hanging about in Ajmere.
Jeypore („ „)	3·85	Cholera reported in Jeypore city, averaging 4 or 5 fatal cases daily ; prices stationary.
Ulwur („ „)	4·18½	Damage in places from excessive rain, otherwise prospects good, tanks and wells full ; prices—barley, gram, and wheat falling, *juar* and *bajra* steady.
Nepal—		
Katmandu (July 27th)	3·36	The transplanted rice crop is thriving ; rain falls almost every night ; the days are fine but cloudy.

E. C. BUCK,
Secy. to the Govt. of India.

SUPPLEMENT TO
The Gazette of India.

№ 32. CALCUTTA, SATURDAY, AUGUST 12, 1882.

OFFICIAL PAPERS.

A SUPPLEMENT *to the* GAZETTE OF INDIA *will be published from time to time, containing such Official Papers and information as the Government of India may deem to be of interest to the Public, and such as may usefully be made known.*

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GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

[TELEGRAPH.]

ABSTRACT OF FOREIGN TRAFFIC FOR THE MONTH OF APRIL 1882.

CLASS OF MESSAGES.	ROUTE.																		TOTAL.	
	WEST.								EAST.											
	VIA TEHERAN.		VIA TURKEY.		PERSIAN GULF.		VIA SUEZ.		VIA AMUR.		VIA MADRAS.		VIA RANGOON.		NATIVE BURMA.		VIA PAUMBEN.			
	No.	Indian Value.	No.	Indian Value.	No.	Indian Value.	No.	Indian Value.	No.	Indian Value.	No.	Indian Value.	No.	Indian Value.	No.	Indian Value.	No.	Indian Value.	No.	Indian Value.
INDIAN.																				
Sent . . .	2,484	Rs. A. 10,493 5	69	Rs. A. 167 13	34	Rs. A. 96 0	3,926	Rs. A. 10,803 10	...	Rs. A. ...	723	Rs. A. 1,431 11	155	Rs. A. 409 0	490	Rs. A. 632 0	1,672	Rs. A. 3,108 7	[illegible]	[illegible]
Received . .	1,674	9,098 14	99	327 1	53	166 11	4,158	16,409 12	1	2 4	804	2,445 10	253	823 0	...	...	1,478	3,975 8	[illegible]	[illegible]
TOTAL .	4,158	19,592 3	168	495 0	87	262 11	8,084	27,212 6	1	2 4	1,527	3,977 5	407	1,233 2	490	632 0	3,650	5,980 15	[illegible]	[illegible]
TRANSIT.																				
From East to West—																				
Received. Vid Madras .	165	608 4	1	1 2	8	22 2	4,142	16,421 10	...	...	...	...	...	...	...	...	...	...	[illegible]	[illegible]
Received. „ Rangoon	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Received. „ Laingha .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Received. „ Paumben	22	92 9	1	2 7	...	...	468	1,417 1	...	...	...	...	...	...	...	...	...	...	491	1,512
From West to East—																				
Sent. Vid Madras .	1,276	5,366 14	54	165 12	6	19 8	2,360	11,241 6	4	7 8	...	...	...	...	...	...	...	...	4,200	16,801 6
Sent. „ Rangoon	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sent. „ Laingha .	1	5 7	1	2 11	...	...	2	7 3	...	...	...	...	...	...	...	...	...	...	4	15 6
Sent. „ Paumben	119	552 9	5	20 14	1	2 12	251	845 15	...	...	...	...	...	...	...	...	...	...	376	1,422 2
From West to West—																				
Vid Bombay and Karachi.	...	...	...	...	4	14 13	...	...	...	...	...	...	...	...	...	...	...	...	4	14 13
Vid Karachi and Bombay.	...	...	...	...	3	7 2	...	...	...	...	...	...	...	...	...	...	...	...	3	7 2
From East to East—																				
Vid Paumben .	...	...	...	...	...	...	...	...	...	...	53	236 5	1	1 8	...	...	...	...	54	237 13
„ Madras .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	35	147 12	35	147 12
TOTAL .	1,583	6,625 11	62	192 14	22	66 5	7,723	29,933 3	4	7 8	53	236 5	1	1 8	...	...	35	147 12	[illegible]	[illegible]
GRAND TOTAL ...																			27,333	96,469 6

ABSTRACT OF FOREIGN TRAFFIC WITH INDIA BY THE INDO-EUROPEAN AND RED SEA ROUTES FOR THE MONTH OF APRIL 1882.

ROUTE.		NUMBER OF MESSAGES BY EACH ROUTE (EXCLUSIVE OF TRANSIT).			PERCENTAGE OF NUMBERS.		
		To India.	From India.	TOTAL.	To India.	From India.	TOTAL.
INDO-EUROPEAN	*Vid* Teheran	1,674	2,484	4,158	27·97	38·14	33·27
	„ Turkey	99	69	168	1·65	1·06	1·34
	Persian Gulf *vid* Karachi	53	34	87	0·89	0·52	0·70
RED SEA	*Vid* Suez	4,158	3,926	8,084	69·49	60·28	64·69
	TOTAL	5,984	6,513	12,497	100·00	100·00	100·00

GOVERNMENT OF INDIA.

DEPARTMENT OF FINANCE AND COMMERCE.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT INDIA FOR THE 1st HALF OF JULY 1882.

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

Provinces.	Districts.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholam, Jowar), *Holcus Sorghum*. Present fortnight.	Great Millet (Cholam, Jowar), *Holcus Sorghum*. Past fortnight.	Great Millet (Cholam, Jowar), *Holcus Sorghum*. Corresponding fortnight of 1881.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata*. Present fortnight.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata*. Past fortnight.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata*. Corresponding fortnight of 1881.	Lesser Millets, Kagl. &c. (Kavaru, Veragu, Sawee, Cheena, Coralloo, Murhwa, Nuglee), *Panicum Miliaceum*, &c. Present fortnight.	Lesser Millets, Kagl. &c. (Kavaru, Veragu, Sawee, Cheena, Coralloo, Murhwa, Nuglee), *Panicum Miliaceum*, &c. Past fortnight.	Lesser Millets, Kagl. &c. (Kavaru, Veragu, Sawee, Cheena, Coralloo, Murhwa, Nuglee), *Panicum Miliaceum*, &c. Corresponding fortnight of 1881.	Gram. Present fortnight.	Gram. Past fortnight.	Gram. Corresponding fortnight of 1881.	Firewood. Present fortnight.	Firewood. Past fortnight.	Firewood. Corresponding fortnight of 1881.	Salt. Wholesale. Present fortnight.	Salt. Wholesale. Past fortnight.	Salt. Wholesale. Corresponding fortnight of 1881.	Salt. Retail. Present fortnight.	Salt. Retail. Past fortnight.	Salt. Retail. Corresponding fortnight of 1881.	Districts.	Provinces.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.		
	Ganjam	5 14	11 13	13 0	...	...	...	17 13	17 13	17 13	19 8	19 10	19 8	...	...	...	...	...	...	85 3	35 3	32 3	26 10	26 10	31 10	215 13	215 13	215 13	...	...	...	13 13	13 13	12 0	Ganjam	
	Vizagapatam	8 0	8 0	15 0	...	...	...	9 0	9 0	13 6	11 5	11 5	14 11	17 5	21 10	25 14	18 13	19 13	29 11	24 3	21 3	32 5	22 3	24 10	38 10	93 5	93 5	87 8	15 3	15 3	11 11	14 10	14 10	10 8	Vizagapatam	
	Godavery	12 10	12 10	12 10	...	...	...	13 14	13 14	13 14	17 0	17 0	17 0	27 13	27 13	...	...	...	...	33 10	28 3	32 13	25 3	25 2	28 8	194 6	194 6	194 6	14 10	14 10	12 8	14 10	14 10	12 8	Godavery	
	Kistna	14 11	14 11	14 0	...	...	...	16 3	16 3	16 11	17 2	16 8	17 6	23 6	25 0	25 0	...	...	...	33 13	35 5	39 3	21 6	25 2	28 8	145 13	145 13	145 13	16 0	16 0	13 2	15 11	15 11	12 14	Kistna	
	Nellore	13 3	13 8	12 3	...	...	...	15 13	15 13	14 5	17 8	18 0	15 0	33 10	33 10	28 13	...	...	...	36 6	36 6	30 14	27 5	27 5	26 3	186 10	186 10	93 5	14 13	14 13	13 3	14 13	14 13	12 11	Nellore	
	Cuddapah	12 8	14 11	14 11	...	...	...	11 14	11 14	11 14	13 11	13 5	13 5	26 0	26 14	30 0	31 14	31 14	34 2	31 8	31 8	33 0	29 3	27 8	36 2	194 6	194 6	194 6	16 10	16 10	13 14	16 3	16 3	13 8	Cuddapah	
	Anantapur	14 6	14 6	11 8	...	...	...	13 14	15 0	13 14	15 2	16 3	15 2	30 14	30 14	37 0	18 13	18 13	18 13	33 0	30 8	36 14	33 10	35 13	40 5	...	...	...	14 5	14 5	11 14	14 5	14 5	11 14	Anantapur	
	Bellary	15 0	16 5	16 5	...	...	...	12 5	12 5	13 6	13 8	13 8	15 11	33 0	31 14	39 2	22 13	25 6	31 0	31 0	29 2	32 0	28 0	28 0	37 0	97 3	97 3	97 3	15 13	15 13	13 6	15 8	15 8	13 2	Bellary	
	Kurnool	13 6	13 6	12 2	...	...	...	10 10	9 14	10 10	11 6	11 6	11 6	29 6	27 6	34 3	22 8	23 8	32 8	29 10	...	...	24 6	24 6	30 13	190 8	202 3	199 11	14 6	14 6	12 8	14 0	14 0	12 2	Kurnool	
	Madras	9 13	10 2	9 8	...	...	...	13 5	13 8	13 8	15 2	15 2	14 14	23 0	23 0	23 0	25 0	26 6	22 6	28 0	27 6	27 6	24 10	26 2	28 2	81 6	81 6	81 6	16 14	16 11	14 6	16 3	16 3	13 14	Madras	
	Chingleput	...	...	...	...	...	...	15 0	15 0	15 6	15 14	15 14	17 6	...	...	...	...	...	...	28 6	27 6	24 11	23 6	24 13	26 8	92 5	92 5	77 13	17 5	17 0	14 5	17 0	16 5	13 14	Chingleput	
	North Arcot	11 6	11 14	11 0	...	...	...	14 0	15 0	15 0	17 5	16 14	17 5	32 3	32 13	27 5	28 14	29 11	28 2	33 5	32 8	32 8	26 10	28 10	32 8	140 0	140 0	140 0	14 13	14 13	12 11	14 5	14 5	12 5	North Arcot	
	South Arcot	10 2	10 2	9 6	...	...	...	15 11	15 11	13 14	16 10	16 10	14 14	...	...	30	3 26	14 27	11 22	28 6	30 3	25 6	29 11	29 11	31 8	194 6	194 6	194 6	19 5	19 5	15 5	18 14	18 14	14 13	South Arcot	
	Tanjore	11 0	11 0	11 0	...	...	...	17 13	18 5	14 2	...	...	...	36 10	35 13	26 3	32 10	31 14	29 0	39 5	39 5	33 3	29 11	29 11	31 8	194 6	194 6	194 6	15 10	15 10	12 6	15 3	15 3	12 6	Tanjore	
	Trichinopoly	9 10	9 14	10 10	...	...	...	15 13	16 3	13 11	16 0	16 11	14 2	30 13	28 0	29 6	29 3	27 14	27 14	32 8	32 8	32 8	33 14	33 14	30 13	97 3	97 3	97 3	17 13	17 13	13 6	17 0	17 0	12 10	Trichinopoly	
	Madura	11 0	11 11	12 14	...	...	...	16 0	15 8	13 0	16 8	16 0	13 8	34 0	30 13	25 14	32 5	30 14	26 8	...	...	...	29 11	29 11	27 2	81 10	81 10	76 13	18 11	18 11	14 13	16 5	18 5	14 5	Madura	
	Tinnevelly	9 3	9 3	8 14	...	...	...	15 8	15 8	11 8	16 0	16 0	12 0	...	...	...	...	...	...	31 3	30 6	31 5	30 6	45 10	131 3	131 3	131 3	14 2	14 2	12 3	13 10	13 10	11 11	Tinnevelly	
	Coimbatore	11 8	12 5	16 6	...	...	...	13 8	13 8	14 6	14 8	14 8	15 6	27 13	26 2	27 13	31 13	35 0	33 6	21 10	20 3	21 10	22 6	20 11	25 11	161 13	121 8	121 8	11 0	11 0	9 3	11 0	11 0	9 3	Coimbatore	
	Nilgiris	9 14	9 14	9 14	...	...	...	9 10	9 10	11 3	11 3	11 3	12 13	20 0	20 2	23 2	19 10	19 10	22 6	30 13	30 13	30 13	35 8	35 8	39 6	151 10	151 10	151 10	16 6	15 6	14 5	15 5	14 5	13 5	Nilgiris	
	Salem	12 11	12 11	13 10	...	...	...	14 10	14 10	14 0	15 10	15 10	16 0	29 2	29 2	27 5	23 18	23 18	26 3	19 6	22 0	21 2	21 3	21 3	23 3	116 6	116 10	109 5	11 0	11 0	11 8	10 0	10 0	10 13	Salem	
	South Canara	8 10	8 10	10 5	...	...	...	9 11	9 11	8 11	13 3	13 11	14 11	...	...	...	...	...	...	28 6	19 11	23 6	25 3	24 6	33 10	121 8	121 8	121 8	13 8	14 6	10 13	12 10	13 8	9 14	South Canara	
	Malabar	7 14	7 3	7 14	...	...	...	14 10	15 0	15 13	15 0	15 6	16 10	...	...	...	...	...	...																Malabar	
	Bombay	10 4	10 2	11 6	17 10	16 12	16 14	7 9	7 7	6 13	11 5	12 13	10 12	18 15	19 3	18 12	15 11	15 12	19 8	19 18	21 4	13 0	16 4	16 12	18 12	64 14	71 10	61 6	14 6	14 5	12 9	14 6	14 5	12 9	Bombay	Bombay.
	Ahmedabad	12 8	12 8	15 0	...	...	...	31 0	31 0	8 0	8 0	8 0	12 8	17 0	17 0	27 0	14 8	14 0	23 0	...	...	...	20 0	20 0	23 0	80 0	80 0	80 0	16 8	16 8	13 4	16 0	16 0	13 0	Ahmedabad	
	Kaira	12 5	11 7	14 9	20 0	20 0	29 1	10 0	9 2	9 6	15 4	14 9	14 9	17 12	16 0	22 14	15 4	15 4	19 12	...	...	...	21 5	20 0	21 5	80 0	80 0	80 0	...	...	...	16 0	16 0	12 13	Kaira	
	Surat	12 8	11 9	13 10	7 11	7 7	12 4	8 1	7 7	6 13	8 12	8 5	8 5	15 9	14 14	18 13	14 14	14 14	17 13	...	...	...	16 0	16 0	17 13	80 0	80 0	80 0	13 9	13 9	11 7	13 9	13 9	11 7	Surat	
	Broach	12 5	12 5	16 0	...	...	...	9 6½	9 6½	8 14½	12 9	12 9	11 6½	15 4	15 4	17 12½	13 10	13 10	17 12½	25 11	25 11	15 4	14 15	14 15	17 8	71 1	71 1	71 1	14 5	14 5	11 8	11 0	11 0	11 0	Broach	
	Tanna (Salsette)	9 12	9 12	11 11	...	...	...	8 3	8 3	7 3	10 0	10 0	11 4	18 10	18 10	18 10	15 0	15 0	18 0			25 0	14 0	14 0	14 8	120 0	120 0	115 0	12 0	12 0	11 8	11 0	11 0	11 0	Tanna (Salsette)	
	Colába (Alibág)	10 0	10 0	11 0	...	...	...	7 0	7 0	6 12	13 0	12 8	13 0	...	...	...	...	...	...	...	...	...	17 1	17 1	25 2½	140 0	140 0	140 0	14 2	15 2	12 2	14 0	15 0	12 0	Colába (Alibág)	
	Khandesh (Dhulia)	14 2	14 9	18 8½	...	...	...	7 4	7 4	7 4	10 15	10 15	10 15	23 13	23 13	27 3	18 14½	18 14½	23 6½	30 0	30 0	27 8	18 0	18 0	25 0	128 0	128 0	115 0	14 8	14 6	12 14	14 4	14 2	12 12	Khandesh (Dhulia)	
	Násik	15 8	15 8	17 2	...	...	...	7 7	7 7	7 7	12 0	12 0	11 14	...	...	25 15	19 6	21 3	19 11	...	...	...	19 10	19 7	24 5	91 5	91 5	106 6	14 9	14 9	10 15½	14 7	14 7	10 15	Násik	
	Ahmednagar	14 1	14 0	17 4	...	...	...	9 9	10 0	8 8	11 12	12 6	10 8	28 0	27 6	33 4	23 8	22 5	26 4	...	...	...	17 4	17 4	19 9	68 0	68 0	76 0	13 1	13 10	11 6	12 13	13 6	11 2	Ahmednagar	
	Poona	12 10	12 10	13 13	...	...	...	11 0	11 0	8 9	12 4	12 4	11 0	23 15	21 12	26 2	18 6	18 6	18 6	...	...	...	14 0	15 8	18 12	120 0	110 0	112 0	11 8	11 4	10 0	11 0	11 0	9 12	Poona	
	Sholápur	14 1	14 1	15 14	...	...	...	10 7	10 7	11 7	11 5	11 5	11 13	31 15	31 1	32 12	23 14	23 14	28 8	...	...	...	14 5	14 5	16 14	110 15	110 15	116 8	12 6	12 6	10 14	11 10	11 10	10 3	Sholápur	
	Kaládgi (Bagalkot)	19 0	19 0	17 8	14 0	15 0	14 8	6 8	6 8	7 12	9 0	9 0	9 12	35 0	33 0	27 8	29 0	29 0	27 8	30 0	30 0	27 8	18 0	18 0	25 0	128 0	128 0	115 0	14 8	14 8	11 0	14 8	14 8	10 0	Kaládgi (Bagalkot)	
	Satara	12 1	12 1	14 11	...	...	...	9 11	9 11	9 5	11 7	11 7	11 7	25 5	25 5	25 4	22 0	22 0	23 4	...	...	...	19 10	19 7	24 5	91 5	91 5	106 6	14 9	14 9	10 15½	14 7	14 7	10 15	Satara	
	Belgaum	19 0	19 0	18 0	13 0	12 0	11 0	10 0	10 0	11 0	10 6	10 8	11 8	27 0	25 0	24 0	43 0	23 0	23 0	35 0	35 0	35 0	13 8	13 8	17 0	75 0	80 0	65 0	12 0	12 0	11 0	11 8	11 8	10 0	Belgaum	
	Dharwar (Hubli)	22 0	21 0	24 0	...	...	...	11 0	10 0	12 0	12 0	11 0	15 0	25 0	24 0	43 0	23 0	23 0	42 0	28 0	28 0	49 0	11 0	12 0	21 0	80 0	80 0	80 0	8 12	8 12	8 12	8 0	8 0	8 0	Dharwar (Hubli)	
	Ratnágiri	10 9	10 9	10 9	...	...	...	7 13	7 13	9 4	12 11	12 11	12 11	18 3	18 3	20 13	14 11	14 11	14 11	21 2	21 2	18 13	14 0	14 0	16 13	120 0	120 0	165 0	11 13	11 13	9 1	11 10	11 10	9 1	Ratnágiri	
	Kanara (Karwar)	9 0	9 0	13 0	...	...	...	8 0	8 0	7 13	11 8	12 0	15 0	16 0	18 0	22 0	...	...	...	21 0	21 0	23 0	12 0	12 0	13 6	213 5	213 5	213 5	11 8	11 8	10 7	10 8	10 8	9 7	Kanara (Karwar)	
	Páneh Mahála (Godhra)	11 6	11 6	18 5	...	...	...	11 6	11 6	11 6	15 0	15 0	15 0	22 8	22 8	40 0	16 0	16 0	24 0	23 0	23 0	40 0	25 0	25 0	32 0	200 0	200 0	200 0	...	...	...	15 4	15 4	11 6	Páneh Mahála (Godhra)	
	Aden	8 0	8 0	8 0	...	...	...	6 3	6 3	6 3	7 0	7 0	7 0	11 3	11 3	9 5	9 5	9 5	9 0	...	...	...	9 5	9 5	9 5	65 5	65 5	65 5	...	...	...	32 0	32 0	32 0	Aden	
	Asirgarh	13 14	14 0	16 14	...	...	...	11 0	11 0	10 0	12 0	12 0	12 0	22 9	23 11	32 0	24 0	24 0	30 0	...	...	...	19 13	20 0	26 0	160 0	160 0	160 0	12 1	12 4	10 0	12 1	12 4	10 0	Asirgarh	
	Baroda	10 9½	10 8	11 7	14 12	14 0	18 5	8 12½	8 12	7 11	11 6	11 10½	11 2	16 6	16 5½	22 14	14 15	14 15	18 0	...	...	...	17 9	17 8	20 9	81 11	81 10½	91 0	14 5	14 4½	12 0	14 0	14 0	12 0	Baroda	
	Diss	13 4	13 4	15 4	...	...	...	6 6	6 6	6 6	8 11	8 11	8 6	17 8	17 13	25 4	16 0	16 0	21 0	...	...	...	18 8	18 8	20 4	137 8	137 8	137 8	13 8	13 8	10 8	13 0	13 0	10 0	Diss	
	Nimach	14 0	14 0	18 0	18 0	16 8	28 0	8 8	8 8	8 0	10 0	10 0	9 0	18 8	17 0	26 8	16 0	16 0	22 0	...	...	...	17 8	18 0	22 8	160 0	160 0	140 0	...	...	...	11 0	11 0	8 0	Nimach	
	Nasirabad	16 8	16 1	17 1	22 3½	21 11½	22 1	6 0	6 0	6 0	7 0	7 0	7 0	21 4½	23 5½	23 4½	16 8	17 4½	17 0	...	...	...	22 3½	22 3½	22 8	85 0	85 0	80 0	*16 6½	*16 6½	...	16 0	16 0	12 0	Nasirabad	
	Rájkot	12 8	12 4	15 14	...	...	...	6 8	6 8	5 8	11 0	11 0	10 0	14 6	14 0	25 0	13 0	12 0	20 10	...	...	...	16 6	16 4	24 4	77 8	80 0	75 0	55 0	50 0	45 0	48 0	48 0	...	Rájkot	
	Upper Sindh Frontier	14 4	14 4	12 5	26 0	26 0	18 0	11 4	11 4	9 2	20 0	20 0	12 8½	32 0	32 0	20 0	12 0	12 0	20 0	40 0	40 0	...	20 0	20 0	18 13	160 0	160 0	160 0	†12 5	†12 5	†10 10½	12 4	12 4	10 0	Upper Sindh Frontier	
	Karachi	12 5	12 5	11 10	21 8	21 8	18 0	9 8	9 8	9 8	17 0	15 0	12 0	22 0	22 0	20 0	18 0	18 0	22 0	11 0	11 0	9 8	17 0	17 0	18 0	105 0	105 0	100 0	17 13	17 13	14 3	17 0	17 0	14 0	Karachi	
	Haidarabad (Nakur)	16 0	16 0	13 0	25 0	25 0	20 0	12 0	12 0	10 0	20 0	20 0	14 0	26 0	26 0	20 0	25 0	25 0	30 0				15 0	15 0	11 0	480 0	480 0	320 0	14 0	14 0	10 0	14 0	14 0	10 0	Haidarabad (Nakur)	
	Shikarpur	13 5	13 14	11 15	25 2	25 10	18 7	13 2½	13 2½	10 0	21 8	20 0	16 0	25 2	25 7	20 0	27 8	29 0	20 1	...	...	...	19 6	20 0	19 1	260 0	280 0	220 0	13 2	13 2	11 2	13 0	13 0	11 0	Shikarpur	
	Thar and Parkar (Umarkot)	17 8	17 8	16 4	...	...	...	...	...	...	13 7	13 15	9 15	...	...	...	17 13	18 12	16 6	...	...	...	...	...	...	160 0	160 0	160 0	10 11	10 11	9 10	10 11	10 11	9 10	Thar and Parkar (Umarkot)	
	Western Districts.																																		*Western Districts.*	
	Burdwan	14 0a	14 0	14 8	45 0	40 0	30 0	22 0	21 5	25 8	24 8	24 0	26 12	...	...	...	...	...	...	23 0	23 8	23 12	120 0	120 0	80 0	Prices per md. of 40 seers. Rs. A. P. 2 13 0	Rs. A. P. 2 13 0	Rs. A. P. ...	13 12	13 12	10 0	Burdwan	Bengal.
	Bancoorah	14 0b	13 12	15 0	16 0	17 0	17 0	25 0	28 0	23 0	30 0	30 0	32 0	...	...	...	...	...	...	18 0	20 0	20 0	280 0	320 0	280 0	3 0 0	3 4 0	...	13 0	12 1	9 0	Bancoorah	
	Beerbhoom	13 8c	14 0	19 0	...	...	...	18 0	21 0	22 0	24 0	28 0	28 0	...	...	...	...	...	...	22 0	23 8	25 0	160 0	160 0	180 0	2 7 0	3 4 0	...	14 8	12 8	9 0	Beerbhoom	
	Midnapore	14 0d	14 0	15 0	...	...	...	20 0	20 0	27 0	24 0	26 0	33 0	...	...	...	...	...	...	18 0	19 0	18 0	160 0	160 0	160 0	3 0 0	3 0 0	...	13 8	13 8	9 0	Midnapore	
	Hooghly	18 0e	18 0	15 0	...	...	...	10 0	10 0	10 0	20 0	20 0	21 0	...	...	...	...	...	...	20 0	21 0	20 0	120 0	120 0	120 0	2 14 0	2 14 0	3 12 0	13 9	13 9	9 0	Hooghly	
	Howrah	18 0	18 0	15 8	...	...	...	16 0	16 0	16 0	19 8	20 0	21 4	...	...	...	...	...	...	20 0	20 0	21 8	80 0	80 0	80 0	2 14 0	2 14 0	4 0 0	13 0	13 0	...	Howrah	

a In the sub-divisions retail prices of salt are as follow:—Cutwa 12 seers, Gulna 15 seers, and Raneegunge 13-5 seers.
b Retail prices of salt at Balpore and Sonamukhi 12-8 seers, at Mejia and Chatna 12 seers, at Onda and Indas 16 seers, at Bishenpore 13 seers, and at Kotulpore 14 seers.
c In the interior retail prices of salt range from 10 to 14-8 seers.
d In the sub-divisions retail prices of salt are as follow:—Contai 12 seers, Tumlook 13 seers, and Ghattal 15 seers.
e Retail prices of salt at Babugunge, Jhekrapota, and Balor 13-9 seers, at Serampore and Baidyabati 13 seers, at Chanditola 12-8 seers, at Bhuddessur 24-13 seers, and at Jehanabad 13-8 seers.
* Sambhur salt. † In common use.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT INDIA FOR THE 1st HALF OF JULY 1882—*continued.*

PROVINCES—*continued.*

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

DISTRICTS.	Wheat.			Barley.			Rice (best sort).			Rice (common).			Great Millet (Cholum, Jowar), *Holcus Sorghum.*			Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.*		
	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.
	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
Central Districts.																		
Calcutta	14 0	14 0	16 0	23 2	26 8	35 8	10 0	10 0	7 4	20 0	20 0	15 4	...	...	...	...	...	...
24-Pergunnahs	12 12*f*	12 0	14 0	22 8	21 4	26 0	10 0	10 0	12 4	18 0	17 0	18 0	22 8	20 0	22 12	13 12	...	...
Nuddea	14 8*g*	14 8	16 13	26 0	26 0	32 0	16 13	17 4	18 13	20 0	20 0	22 14	...	...	...	...	...	...
Khoolna	...*h*	...	...	...	...	...	16 0	16 0	17 0	22 0	22 0	21 0	...	...	...	...	...	...
Jessore	16 0*i*	16 0	16 0	...	...	...	18 0	18 12	20 0	22 0	24 8	29 0	...	...	...	...	...	...
Moorshedabad	16 0*j*	16 0	20 0	...	...	...	17 12	17 12	19 0	25 0	25 0	26 0	...	...	...	...	...	...
Dinagepore	11 8*k*	13 0	10 8	16 0	16 0	26 8	21 0	24 0	22 13	26 8	27 0	28 13	...	...	...	...	...	...
Rajshahye	13 8*k* to 16 8	13 8 to 18 0	22 8	45 0	46 12	45 0	13 8	18 0 to 18 12	22 8	21 0 to 24 0	21 12 to 24 12	27 3	...	...	...	...	...	...
Rungpore	16 0*m*	16 0	18 0	...	...	...	17 0	16 0	15 0	20 0	20 0	22 8	...	...	...	...	...	...
Bogra	18 12	17 4	18 0	...	...	...	15 12	16 8	22 8	30 0	28 2	33 12	...	...	...	...	...	...
Pubna	18 12*n*	18 12	25 0	...	...	...	10 0	10 0	7 8	25 0	24 0	33 8	...	...	...	...	...	...
Darjeeling	8 0*o*	8 0	8 0	8 0	8 0	8 0	6 0	5 0	5 0	14 0	13 0	12 0	...	...	...	...	...	...
Jalpáiguri	9 0*p*	9 0	10 8	20 0	20 0	...	16 0	16 0	16 0	24 0	24 0	22 8	...	...	...	...	...	...
Eastern Districts.																		
Dacca	12 4*q*	12 4	14 8	40 0	32 0	40 0	24 0	22 0	25 0	32 0	26 12	35 8	...	...	...	...	...	...
Furreedpore	22 0*r*	22 0	21 0	35 0	35 0	32 0	22 0	22 0	8 0	24 0	28 0	27 0	...	...	...	...	...	...
Backergunge	...*s*	...	...	...	...	...	20 0	20 0	20 0	24 0	24 0	30 0	...	...	...	...	...	...
Mymensingh	11 0*t*	11 8	13 0	...	...	...	22 8	22 8	24 0	28 0	29 0	27 0	...	...	...	...	...	...
Tipperah	12 0*u*	11 8	14 0	...	...	...	23 0	22 0	26 0	28 4	28 8	37 0	...	...	...	...	...	...
Chittagong	9 0*v*	9 0	12 4	...	...	...	16 0	20 0	15 0	24 0	25 0	24 0	...	...	...	...	...	...
Noakholly	...*w*	...	...	...	...	...	27 0	27 0	26 0	32 0	31 0	29 0	...	...	...	...	...	...
Chittagong Hill Tracts	...	...	...	...	...	...	13 5	16 0	16 0	17 12	17 12	17 3	...	...	...	...	...	...
Hill Tipperah	11 0	11 0	12 0	...	...	...	23 0	24 0	30 0	30 0	32 0	38 0	...	...	...	...	...	...
Behar.																		
Patna	16 8	16 8	22 0	34 0	34 0	40 0	11 8	11 8	15 0	21 8	21 8	22 0	...	...	...	...	...	...
Gya	17 0*x*	17 0	20 0	29 0	28 0	37 0	12 0	12 0	12 8	19 0	20 0	21 8	...	...	...	...	...	...
Shahabad	14 8*y* to 16 8	15 0 to 17 0	17 0 to 18 0	28 0	30 0	35 0	17 0 to 20 0	20 0 to 21 0	18 0 to 20 0	21 0	22 0	21 0 to 23 0	...	...	...	...	...	...
Durbhunga	14 0*z*	14 0	19 0	32 0	35 0	50 0	14 0	14 0	16 0	17 0	17 0	20 0	...	...	...	...	...	...
Mozufferpore	16 0*z*1	16 0	23 0	30 0	30 0	40 0	12 0	12 0	11 0	16 0	16 0	19 0	...	...	...	...	...	...
Sarun	15 0	15 8	18 0	28 0	30 0	36 0	10 0	10 0	10 8	20 0	21 0	22 0	29 0	32 0	38 0	...	...	...
Chumparun	18 0*z*2	18 0	26 0	36 0	36 0	49 0	12 0	12 0	12 0	20 0	21 0	21 0	...	...	...	...	...	...
Monghyr	16 12*z*3	16 12	19 15	33 9	34 9	42 0	15 12	15 12	14 11	21 0	19 15	19 15	...	...	...	...	...	...
Bhágalpur	15 2*z*4	14 8	16 6	30 4	30 4	32 12	17 11	18 15	17 11	21 7	22 12	19 9	...	...	...	...	...	...
Purneah	15 0*z*5	14 0	18 0	...	...	...	20 0	20 0	21 0	22 0	25 0	28 0	...	...	...	...	...	...
Maldah	16 0	16 0	20 0	...	...	...	16 0	16 0	21 0	21 0	19 0	25 0	...	...	...	...	...	...
Sonthal Pergunnahs	13 0*z*6	13 0	14 8	...	...	...	18 0	18 0	25 0	23 0	24 0	27 8	...	...	...	...	...	...
Orissa.																		
Cuttack	14 7	14 7	19 11	...	...	...	15 12	17 1	18 6	24 15	27 9	22 5	...	...	...	...	...	...
Pooree	10 8*z*7	11 4	17 0	...	...	...	21 0	22 0	28 10	24 0	25 0	27 14	...	...	...	...	...	...
Balasore	16 0*z*8	16 0	16 0	...	...	...	26 0	26 0	32 0	32 0	32 0	40 0	...	...	...	...	...	...
Chota Nagpore—South-Western Frontier Agency.																		
Hazáribagh	15 0*z*9	16 0	20 0	...	24 0	...	11 0	10 0	12 0	19 0	19 0	21 0	...	...	...	...	...	...
Lohardugga	17 0	18 0	19 0	24 0	26 0	28 0	21 0	22 0	20 0	24 0	25 0	24 0	...	...	...	...	...	...
Singbhoom	20 0	20 0	24 0	28 0	28 0	40 0	36 0	36 0	32 0	40 0	40 0	36 0	...	...	...	...	...	...
Manbhoom	13 0*z*10	13 0	16 0	...	...	40 0	19 0	19 0	20 0	31 0	34 0	30 0	...	...	40 0	...	...	...

DISTRICTS.	Losser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Coraloo, Murhwa, Nagiee), *Panicum Miliaceum*, &c.			Gram.			Firewood.			Salt.						DISTRICTS.
										Wholesale prices per maund of 40 seers.			Retail.			
	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	
	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. A. P.	Rs. A. P.	Rs. A. P.	S. Ch.	S. Ch.	S. Ch.	
Central Districts.																
Calcutta	...	...	...	21 5	23 0	22 13	90 0	90 0	90 0	2 10 0	2 8 0	4 0 0	14 9	14 9	10 0	Calcutta
24-Pergunnahs	...	...	...	18 0	18 8	22 4	90 0	80 0	90 0	3 0 0	2 12 0	4 8 0	13 5	14 8	9 0	24-Pergunnahs
Nuddea	...	...	...	21 5½	22 0	29 0	...	...	...	2 14 1	2 12 1	...	12 13½	12 13½	10 0	Nuddea
Khoolna	...	...	...	12 0	12 0	10 0	160 0	160 0	160 0	3 2 0	3 2 0	4 0 0	11 0	11 0	8 0	Khoolna
Jessore	...	...	...	18 0	18 0	25 0	120 0	120 0	110 0	3 2 0	3 2 0	...	12 8	11 8	8 0	Jessore
Moorshedabad	...	...	...	25 0	25 0	32 0	120 0	120 0	120 0	3 4 0	3 5 0	...	12 8	11 8	9 0 to 10 0	Moorshedabad
Dinagepore	...	...	...	20 0	17 0	20 0	160 0	160 0	180 0	3 4 0	3 4 0	...	12 0	12 0	8 8	Dinagepore
Rajshahye	...	...	...	22 8 to 24 6	24 12	26 4 to 32 0	240 0	240 0	250 0	3 5 3	3 5 3	...	12 0	12 0	9 0	Rajshahye
Rungpore	...	...	...	15 0	15 0	12 0	135 0	135 0	120 0	3 5 3	3 5 3	...	11 8	11 8	8 12	Rungpore
Bogra	...	...	...	16 8	18 12	19 8	67 8	67 8	67 8	3 5 4	3 2 8	...	10 8	12 0	9 0	Bogra
Pubna	...	...	...	18 12	20 0	20 0	200 0	200 0	200 0	3 1 6	3 0 0	4 4 0	12 12	12 0	9 4	Pubna
Darjeeling	9 0	8 0	9 0	8 0	9 0	8 0	160 0	160 0	160 0	4 8 0	4 8 0	6 0 0	8 0	8 0	5 0	Darjeeling
Jalpáiguri	...	...	...	16 0	16 0	13 5	128 0	128 0	64 0	3 4 0	3 4 0	...	11 0	11 0	8 0	Jalpáiguri
Eastern Districts.																
Dacca	...	...	...	21 0	21 0	20 0	106 0	91 4	106 0	2 15 0	2 15 0	3 14 0	13 5	13 5	10 0	Dacca
Furreedpore	...	...	...	12 0	12 0	12 0	...	...	...	3 5 4	3 5 4	...	11 0	11 0	9 12	Furreedpore
Backergunge	...	...	...	18 0	18 0	17 0	100 0	100 0	100 0	3 11 0	3 11 0	...	10 0	10 0	8 8	Backergunge
Mymensingh	...	...	...	16 0	16 0	17 8	...	...	...	3 4 0	3 2 0	...	12 8	12 8	9 4	Mymensingh
Tipperah	...	...	...	18 0	17 0	16 0	...	...	...	3 4 0	3 4 0	...	12 8	12 8	9 8	Tipperah
Chittagong	...	...	...	16 0	16 0	16 0	80 0	80 0	80 0	2 14 0	2 14 0	4 0 0	13 0	13 0	6 8	Chittagong
Noakholly	...	...	...	14 0	11 0	16 0	...	...	...	3 2 0	3 2 0	...	11 0	11 0	7 0	Noakholly
Chittagong Hill Tracts	...	...	...	...	...	...	320 0	320 0	320 0	3 8 0	3 8 0	...	10 9	10 9	6 6	Chittagong Hill Tracts
Hill Tipperah	...	...	...	14 0	14 0	10 8	...	...	...	3 6 0	3 6 0	...	10 0	10 0	8 0	Hill Tipperah
Behar.																
Patna	...	...	...	30 0	30 0	34 0	130 0	130 0	120 0	3 2 0	3 2 0	...	10 9	10 9	...	Patna
Gya	...	...	...	26 0	26 0	32 0	180 0	180 0	140 0	3 4 0	3 4 0	...	11 8	11 8	9 0	Gya
Shahabad	...	...	...	29 0 to 30 0	30 0	32 0 to 33 0	120 0	120 0	120 0	3 0 0	3 0 0	...	13 0	13 0	9 0	Shahabad
Durbhunga	35 0	33 0	40 0	21 0	25 0	27 0	160 0	130 0	180 0	3 4 6	3 4 6	...	11 0	11 0	9 0	Durbhunga
Mozufferpore	...	...	...	25 0	25 0	32 0	140 0	140 0	140 0	3 4 0	3 3 0	...	12 0	12 0	8 8	Mozufferpore
Sarun	30 0	31 0	32 0	27 0	28 0	30 0	160 0	160 0	160 0	3 6 0	3 8 0	...	11 0	11 0	8 8	Sarun
Chumparun	...	...	...	28 0	30 0	35 0	...	...	...	3 8 0	3 8 0	...	10 8	10 8	7 8	Chumparun
Monghyr	...	...	...	30 6	31 8	36 12	126 0	116 0	126 0	3 1 0	3 1 0	...	12 10	12 10	8 6	Monghyr
Bhágalpur	...	...	...	28 6	29 10	31 9	126 4	151 8	126 4	3 0 6	3 12 0	...	12 10	12 10	9 6	Bhágalpur
Purneah	...	...	...	23 0	23 0	27 0	160 0	160 0	120 0	3 8 0	3 12 0	...	10 0	10 0	8 0	Purneah
Maldah	...	...	...	25 0	26 0	27 0	160 0	120 0	120 0	3 2 0	3 0 0	...	12 0	12 0	9 0	Maldah
Sonthal Pergunnahs	...	...	...	20 0	20 0	22 0	200 0	200 0	200 0	3 12 0	3 12 0	...	10 8	10 8	8 0	Sonthal Pergunnahs
Orissa.																
Cuttack	13 2	14 7	18 6	21 0	22 5	26 4	160 0	160 0	160 0	3 0 0	3 0 0	3 8 0	13 0	13 0	11 0	Cuttack
Pooree	...	...	...	15 0	15 0	19 6	100 0	100 0	100 0	2 12 0	2 12 0	4 6 0	14 8	14 8	9 3	Pooree
Balasore	...	...	...	16 0	16 0	13 5	160 0	160 0	140 0	3 2 0	3 2 0	4 6 0	13 0	13 0	9 4	Balasore
Chota Nagpore—South-Western Frontier Agency.																
Hazáribagh	36 0	38 0	48 0	19 0	21 0	25 0	180 0	240 0	200 0	3 11 3	3 12 9	...	10 0	10 0	8 0	Hazáribagh
Lohardugga	38 0	38 0	40 0	18 0	19 0	20 0	120 0	120 0	140 0	4 0 0	4 0 0	...	9 0	9 0	6 8	Lohardugga
Singbhoom	...	...	...	24 0	24 0	24 0	180 0	180 0	160 0	4 7 0	4 7 0	...	8 0	8 0	7 0	Singbhoom
Manbhoom	...	...	64 0	17 0	17 0	21 8	120 0	120 0	140 0	3 12 0	3 12 0	...	11 0	11 0	8 8	Manbhoom

f In the sub-divisions retail prices of salt are as follow :—Baraset 13 seers, Diamond Harbour 10-10 seers, Barripore 10-8 seers, Barrackpore 12-12 seers, and Dum-Dum 13 seers.
g In the sub-divisions retail prices of salt are as follow :—Kooshtea, Ranaghat and Bongong 13 seers, Meherpore 10 seers, and Chooadanga 12 seers.
h In the sub-divisions retail prices of salt are as follow :—Bagurhat 11 seers and Satakhira 10-10 seers.
i In the sub-divisions retail price of salt is 12 seers per rupee.
j Retail prices of salt in Lalbagh and Kandi sub-divisions 11-8 seers, and in Jangypore 11-6 seers.
k Retail price of salt at Raigunge 12 seers and at Nitpore 10 seers.
l In Nattore retail price of salt is 12 seers.
m In the sub-divisions retail price of salt is 12 seers per rupee.
n In Serajgunge retail price of salt is 13-4 seers.
o In Kurseong retail price of salt 8 seers, and in Silligori 11 seers.
p At Tallacotta, in Alipore sub-division, retail price of salt is 10-8 seers per rupee.
q In the sub-divisions retail prices of salt are as follow:—Manickgunge 12 seers, Moonsheegunge 10 seers, 10½ chittacks, and Naraingunge 13 seers.
r In the sub-divisions retail prices of salt are as follow :—Goalundo 12 seers, Madaripore 13 seers, Bhanga 16 seers, and Gopalgunge 12-8 seers.
s In the sub-divisions retail prices of salt are as follow :—Patuakhali 10-10 seers, Perozepore 11 seers, and Bhola 10 seers.
t Retail prices of salt at Kishoregunge and Netrokona 12-5 seers, at Atteu 12 seers, and at Jamalpore 11 seers.
u In the sub-divisions retail prices of salt are as follow :—Brahmunberia 11 seers and Chandpore 12 seers.
v Retail prices of salt at Kumeriah 11 seers and at Hathazaree 12 seers.
w In the interior retail prices of salt range from 8 to 11 seers.
x In the sub-divisions retail prices of salt are as follow :—Nowada 10 seers, and Jehanabad 12 seers.
y In the sub-divisions retail prices of salt are as follow :—Buxar and Chaseram 11-4 seers, and Bhabuah 10-8 seers.
z In the sub-divisions retail prices of salt are as follow :—Madhoobani 11-4 seers, and Tajpore 11-12 seers.
*z*1 In the interior retail prices of salt range from 10 to 12-8 seers.
*z*2 In the interior retail prices of salt range from 9 to 12-8 seers.
*z*3 In the sub-divisions retail prices of salt are as follow :—Begusarai 12 seers, and Jamui 12-5 seers.
*z*4 In the sub-divisions retail prices of salt are as follow:—Rajka and Soopole 11 seers, and Madelpoora 10 seers.
*z*5 In the sub-divisions retail prices of salt are as follow :—Dhirec 10 seers, Kasba 11-8 seers, Kissengunge 10 seers, and Ranigunge in Arrareea sub-division 9 seers.
*z*6 Retail prices of salt at Godda 11 seers and at Sarowai 10 seers.
*z*7 In Khurda sub-division retail price of salt is 13 seers per rupee.
*z*8 In Bhadruk retail price of salt is 11 seers per rupee.
*z*9 Retail prices of salt at Chatra 10 seers and at Khurruckdiha 12 seers.
*z*10 Retail prices of salt at Raghunathpore and Govindpore 12 seers, and at Burrabazar and Jhalda 10 seers.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT INDIA FOR THE 1st HALF OF JULY 1882—*continued*.

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

Provinces.	Districts.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholum, Jowar), *Holcus Sorghum*. Present fortnight.	Great Millet (Cholum, Jowar), *Holcus Sorghum*. Past fortnight.	Great Millet (Cholum, Jowar), *Holcus Sorghum*. Corresponding fortnight of 1881.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata*. Present fortnight.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata*. Past fortnight.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata*. Corresponding fortnight of 1881.	Lesser Millets, Ragi, &c. (Kavaru, Varagu, Sawee, Cheena, Coraloo, Murhwa, Nuglee), *Panicum Miliaceum*, &c. Present fortnight.	Lesser Millets, Ragi, &c. (Kavaru, Varagu, Sawee, Cheena, Coraloo, Murhwa, Nuglee), *Panicum Miliaceum*, &c. Past fortnight.	Lesser Millets, Ragi, &c. (Kavaru, Varagu, Sawee, Cheena, Coraloo, Murhwa, Nuglee), *Panicum Miliaceum*, &c. Corresponding fortnight of 1881.	Gram. Present fortnight.	Gram. Past fortnight.	Gram. Corresponding fortnight of 1881.	Firewood. Present fortnight.	Firewood. Past fortnight.	Firewood. Corresponding fortnight of 1881.	Salt. Wholesale. Present fortnight.	Salt. Wholesale. Past fortnight.	Salt. Wholesale. Corresponding fortnight of 1881.	Salt. Retail. Present fortnight.	Salt. Retail. Past fortnight.	Salt. Retail. Corresponding fortnight of 1881.	Districts.	Provinces.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. A. per maund.	Rs. A. per maund.	Rs. A. per maund.	S. Ch.	S. Ch.	S. Ch.		
Assam.	Sylhet	No return received.			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Sylhet	Assam.
	Cachar																																Cachar	
	Goálpárá																																Goálpárá	
	Gáro Hills																																Gáro Hills	
	Kámrúp																																Kámrúp	
	Darrang																																Darrang	
	Nowgong																																Nowgong	
	Sibságar																																Sibságar	
	Lakhimpur																																Lakhimpur	
	Khási & Jaintiá Hills																																Khási & Jaintiá Hills	
	Nága Hills																																Nága Hills	
N. W. Provinces.	Dehra Dún	18 0	19 0	17 8	29 0	30 0	28 0	11 0	11 0	10 0	12 8	12 8	10 8	22 0	22 0	15 0	18 0	20 0	16 0	...	...	...	19 0	21 8	17 8	160 0	160 0	160 0	11 8	12 0	10 0	10 8	10 8	9 0	Dehra Dún	N. W. Provinces.
	Saháranpur	19 5½	19 5½	19 6	27 15	27 15	28 0	9 11	9 11	7 9	12 14	12 14	11 11	24 10½	25 13	19 6	21 8	23 10½	19 6	...	...	...	23 10½	23 10½	20 8	150 8	150 8	150 8	12 1	12 6	10 3	11 13	12 1	9 11	Saháranpur	
	Muzaffarnagar	18 4	17 0	20 4	29 11	29 11	30 4	6 9	6 9	6 9	14 5	14 5	12 10	26 6	24 6	18 11	22 0	22 0	17 10	...	...	...	23 2	22 0	21 8	132 0	132 0	132 0	11 10	11 8	10 2	11 4	11 4	...	Muzaffarnagar	
	Meerut	17 0	18 0	20 4	24 0	24 0	28 0	6 0	6 0	5 8	15 0	16 0	13 0	24 0	25 0	17 0	21 0	21 0	18 0	...	...	...	21 0	21 0	20 8	110 0	110 0	115 0	12 0	12 0	10 0	11 8	11 8	9 8	Meerut	
	Bulandshahr	19 8	19 4	20 10	24 0	23 4	28 0	6 0	6 0	6 0	10 0	11 0	10 4	24 0	23 0	20 8	20 0	20 0	18 0	...	...	...	22 0	21 2	21 4	130 0	130 0	140 0	10 8	11 8	10 0	...	...	...	Bulandshahr	
	Aligarh	17 4	17 8	18 8	23 0	23 0	24 8	6 0	6 0	6 0	13 0	13 0	14 8	25 0	24 8	19 8	16 8	19 0	18 8	...	...	...	21 8	21 8	21 0	130 0	130 0	120 0	12 0	12 0	...	11 8	11 8	...	Aligarh	
	Kumaun	16 0	17 0	14 0	17 0	18 0	16 0	10 0	10 0	8 0	13 0	13 0	11 0	...	...	...	...	...	...	...	...	...	11 8	12 0	12 8	200 0	200 0	200 0	7 0	7 0	...	...	...	...	Kumaun	
	Garhwál	23 8	23 8	20 0	25 0	25 0	20 0	9 0	9 0	8 0	15 0	15 0	11 8	...	...	...	...	...	...	...	...	...	9 0	9 0	7 0	200 0	200 0	200 0	7 8	7 8	7 0	7 0	7 8	7 0	Garhwál	
	Bijnor	16 9	16 0	19 2	26 2	24 3	25 14	10 11	11 4	10 2	11 13	12 6	11 4	21 6	21 6	14 1	18 9	18 0	16 5	...	...	...	20 9	19 11	21 6	135 0	135 0	135 0	...	...	...	10 7	10 2	9 4	Bijnor	
	Moradabad	18 2	18 12	20 0	23 12	25 0	26 14	9 6	9 6	7 13	13 12	13 12	13 2	23 12	23 12	15 10	19 6	19 6	12 8	...	...	...	20 10	20 15	20 0	137 8	137 8	137 8	...	...	...	11 14	11 14	10 10	Moradabad	
	Budaun	17 11	17 6	20 1½	22 0½	21 9½	28 3	9 9½	9 9½	6 0	14 11	15 0	13 5½	18 0	18 12	19 3	18 0	18 0	19 3	...	...	...	19 3	18 4½	22 12½	192 0	192 0	192 0	12 0	12 0	...	11 14	11 14	...	Budaun	
	Bareilly	16 14	16 14	18 12	21 4	25 0	25 0	8 2	7 8	6 13	14 6	13 12	13 12	21 4	20 0	23 2	21 4	20 10	18 12	...	...	...	20 0	20 0	21 4	160 0	160 0	160 0	10 15	11 4	9 4½	10 3	10 3	10 3	Bareilly	
	Sháhjáhánpur	18 4	18 0	21 4	24 4	23 8	29 8	9 4	9 4	7 8	16 8	16 8	14 4	...	...	...	...	...	...	...	...	...	20 12	20 12	21 4	160 0	160 0	160 0	12 4	12 8	10 2	10 8	12 0	9 8	Sháhjáhánpur	
	Tarái Pergunnahs	20 0	19 4	19 0	30 0	30 0	32 0	8 12	7 8	8 0	13 0	12 8	14 0	17 8	17 8	10 0	17 8	20 0	16 0	...	...	...	17 8	17 8	18 0	120 0	120 0	120 0	11 4	11 4	10 4	11 0	11 0	10 0	Tarái Pergunnahs	
	Muttra	17 0	16 12	18 4	21 8	21 8	22 0	...	...	8 0	14 0	14 8	14 0	22 0	22 0	16 0	18 0	18 0	17 0	...	...	...	21 0	20 8	20 0	140 0	140 0	140 0	14 0	14 0	...	12 0	12 0	10 0	Muttra	
	Agra	17 0	16 12	17 4	21 0	20 8	22 8	6 8	6 8	6 0	14 0	14 0	13 8	22 0	22 0	21 0	20 0	20 0	20 0	...	...	...	21 2½	21 6	20 8	156 8	156 8	156 12	11 9	11 3½	11 0	12 8	12 8	11 0	Agra	
	Farukhabad	17 4	16 7	18 6	21 3	21 1	24 15½	7 7	8 3	6 2	14 0½	14 10	14 5	22	22 13½	18 6½	20 12	20 7½	21 2	...	...	...	20 8	20 0	19 0	160 0	160 0	160 0	11 0	11 0	9 10	10 14	10 12	9 10	Farukhabad	
	Mainpuri	18 0	18 0	17 8	23 0	21 0	22 0	5 0	5 0	4 0	12 0	12 0	12 0	...	...	...	...	...	...	...	...	...	22 8	22 0	21 8	100 0	100 0	120 0	11 9	10 8	...	10 8	10 0	...	Mainpuri	
	Etáwah	17 0	17 0	17 8	22 8	22 8	22 8	6 0	6 0	6 0	14 8	14 8	14 8	22 0	16 0	16 0	16 0	16 0	15 0	...	...	...	20 0	20 0	20 0	140 0	140 0	140 0	10 8	10 8	10 8	10 0	10 0	10 0	Etáwah	
	Etah	19 8	19 0	19 8	24 0	23 0	25 8	8 0	8 0	8 0	12 0	13 0	12 0	16 4	...	...	18 0	18 0	0 ...	...	...	...	28 0	28 0	28 0	140 0	140 0	120 0	12 8	13 8	10 8	11 8	12 8	....	Etah	
	Jalaun	20 0	19 0	20 0	20 0	20 0	22 0	10 0	10 0	8 0	12 0	13 0	12 0	28 0	28 0	24 0	22 0	22 0	20 0	...	...	...	25 9	27 4½	25 0	200 0	200 0	200 0	12 0	12 0	...	11 0	11 0	9 8	Jalaun	
	Jhánsi	20 13½	21 4	22 4	32 0	33 3	30 0	8 8	8 8	7 8	15 0	15 0	13 0	27 0	27 0	21 6	26 0	...	...	...	...	...	33 0	32 0	37 0	140 0	140 0	120 0	11 8	11 14	9 0	10 8	11 2	8 8	Jhánsi	
	Lalitpur	21 8	21 8	28 0	37 0	37 0	35 0	10 0	10 0	9 0	12 0	12 0	12 0	31 0	30 0	34 0	26 0	26 0	26 0	...	...	...	23 12	24 8	23 0	140 0	150 0	160 0	11 0	11 0	...	10 4	10 12	8 8	Lalitpur	
	Cawnpore	17 4	17 12	20 8	25 0	25 8	26 8	11 0	10 8	10 8	15 0	15 0	15 0	23 8	26 0	23 0	23 8	24 0	26 0	...	...	...	24 2	21 10	20 8	200 0	200 0	200 0	12 0	12 12	...	12 6	12 8	10 8	Cawnpore	
	Fatehpur	16 12	16 2	16 12	23 4	21 10	21 4	11 4	11 4	10 14	16 0	16 0	13 0	...	...	...	...	...	...	...	...	...	31 0	29 0	20 8	160 0	160 0	200 0	9 14	9 10	...	9 10	9 6	9 4	Fatehpur	
	Bánda	18 0	17 8	16 8	25 0	25 0	18 8	9 0	9 0	10 0	13 4	13 8	13 8	32 0	30 0	20 0	...	...	...	...	...	...	23 4	23 2	23 0	130 0	130 0	160 0	11 12	11 12	...	11 8	11 4	9 8	Bánda	
	Allahabad	16 12	16 10	17 2	24 8	24 0	23 8	11 8	11 8	11 0	17 0	17 8	15 12	27 8	28 0	24 8	26 8	27 0	24 8	...	...	...	26 8	26 0	18 8	140 0	140 0	140 0	11 4	10 11	9 0	10 10	10 0	...	Allahabad	
	Hamírpur	16 0	15 0	15 8	22 8	22 0	19 2	10 12	10 0	10 0	...	...	16 0	25 4	22 0	15 12	23 12	23 12	...	...	...	...	27 0	26 0	37 14½	160 0	160 0	120 0	11 3	10 13	...	9 9	9 9	8 15	Hamírpur	
	Jaunpur	18 0	18 5	19 12	29 10	28 15	29 10	7 1	8 7	7 12	15 8	16 14	15 8	...	...	...	19 12	22 12	18 0	...	...	...	26 0	26 8	31 0	140 0	140 0	140 0	8 8	8 8	7 8	8 0	8 0	7 8	Jaunpur	
	Gorakhpur	18 0	18 0	19 12½	28 13	27 3	41 6½	14 6½	14 6½	13 8	18 0	18 13	20 13½	...	...	45 0	...	...	28 12½	...	...	...	24 6	25 1	28 0	147 8	147 8	147 8	9 3	9 3	7 14	8 8	8 8	8 2	Gorakhpur	
	Basti	17 0	18 0	21 8	39 0	39 0	40 0	15 0	16 0	17 0	16 0	17 8	21 0	...	...	...	...	...	...	...	...	...	22 0	22 0	24 0	100 0	100 0	90 0	10 0	10 0	9 0	9 0	8 0	8 0	Basti	
	Azamgarh	18 7	19 3	20 10	28 0	30 4	31 0	8 14	8 14	8 14	17 11	17 11	14 12	...	...	...	20 10	20 10	...	...	...	...	23 5	23 5	24 6	140 0	120 0	120 0	11 4	11 4	...	10 2	10 2	9 9	Azamgarh	
	Mirzapur	16 8	18 8	18 0	23 0	23 0	26 8	10 0	10 0	10 0	16 0	18 0	16 0	27 0	26 0	28 0	26 0	26 0	26 0	...	...	...	26 6½	27 11	28 5	130 0	103 0	167 6	9 10½	10 5	9 11	9 0	9 0	8 0	Mirzapur	
	Benares	15 11½	16 13	17 9½	24 6	25 6	24 6	12 7	12 7	13 9	16 13	18 15½	21 2½	28 3	28 3	24 15	28 11½	28 11½	29 4	...	...	...	28 12	28 12	32 8	100 0	100 0	125 0	10 0	10 0	...	10 2	10 2	9 9	Benares	
	Gházipur	18 0	19 5	19 15	25 12	27 11	30 4	10 15½	10 15½	10 15	19 15½	20 15½	18 10	30 14½	33 7½	36 5	20 9½	25 12	27 1	...	...	...	17 5	18 8	20 0	150 0	150 0	150 0	12 12	12 12	12 8	11 12	11 12	11 8	Gházipur	
	Balia	15 8	16 4	20 6	26 4	26 4	36 0	10 0	10 0	10 0	17 8	17 8	22 0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Balia	
	Pilibhít	18 1	17 10	19 5	28 6	29 12	32 8	15 0	14 8	15 4	16 4	16 4	16 12	18 12	18 12	...	...	...	...	...	...	...	20 11½	20 11	20 14½	115 0	120 0	140 0	10 0	10 0	9 0	9 8	9 8	8 8	Pilibhít	
Oudh.	Lucknow	16 6½	16 7	19 9½	23 9½	23 9	26 8	6 0	6 0	6 0	13 14	14 14	14 0	22 7½	22 8	26 2	22 0	23 4	23 4	...	...	...	22 8	22 0	19 8	160 0	160 0	160 0	...	...	...	11 0	11 0	9 0	Lucknow	Oudh.
	Unáo	18 0	17 0	18 4	25 0	24 0	23 8	10 0	10 0	7 0	15 0	16 0	13 0	...	...	28 0	...	...	22 8	...	...	...	22 0	22 0	22 0	130 0	130 0	130 0	12 0	12 0	10 0	10 0	10 0	9 0	Unáo	
	Bára Banki	16 12	16 4	19 0	24 0	24 0	27 0	10 0	10 0	8 0	14 0	15 0	14 0	28 0	31 0	28 0	20 0	20 0	19 0	...	...	...	21 0	20 4	25 8	160 0	160 0	160 0	12 0	11 8	...	10 8	10 8	9 0	Bára Banki	
	Sitapur	19 4	20 0	23 3	27 6	27 2	29 11	8 0	8 0	8 8	17 0	17 0	15 0	20 0	20 0	21 0	19 0	19 0	22 0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Sitapur	
	Harduí	No return received.			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	18 8	18 8	25 0	160 0	200 0	200 0	11 4	11 4	11 0	10 0	10 0	10 0	Harduí	
	Kheri	19 0	19 0	24 0	28 0	28 0	34 0	7 0	7 0	9 0	15 0	15 0	14 0	30 0	30 0	...	...	...	...	...	...	...	22 8	22 12	24 0	140 0	120 0	120 0	11 0	12 0	8 8	10 0	11 0	8 12	Kheri	
	Fyzabad	16 0	17 0	19 0	25 0	25 0	27 0	10 0	11 4	10 0	16 8	17 8	14 8	...	...	...	...	...	...	...	...	...	27 0	27 0	24 0	160 0	200 0	160 0	...	...	...	10 0	11 0	8 12	Fyzabad	
	Bharaich	16 0	17 0	19 0	35 0	38 0	38 0	9 0	9 0	9 0	18 0	18 0	16 0	30 0	32 0	38 0	13 0	13 0	16 0	...	...	...	28 0	26 12	26 8	240 0	240 0	200 0	11 8	11 8	...	9 0	9 0	8 4	Bharaich	
	Gonda	19 6	19 8	23 8	30 14	34 8	38 0	15 0	15 12	18 0	17 6	17 8	19 0	36 10	36 8	39 8	24 4	24 4	44 0	...	...	...	19 0	19 12	17 4	160 0	160 0	160 0	...	...	...	11 4	11 0	8 8	Gonda	
	Rai Bareli	18 12	18 6	17 8	23 8	22 11	20 0	...	...	...	16 0	15 12	12 0	24 0	23 0	...	18 0	18 0	0 ...	...	...	...	26 0	26 0	23 0	160 0	160 0	160 0	12 0	12 0	9 8	11 12	11 12	9 0	Rai Bareli	
	Sultánpur	19 8	19 12	20 0	29 0	29 0	26 8	11 0	11 0	11 0	18 0	19 0	16 0	...	...	...	18 0	20 0	16 0	...	...	...	22 12	23 3	21 4	200 0	200 0	200 0	11 0	11 0	10 0	10 7	10 11	8 13	Sultánpur	
	Partábgarh	19 2	18 7	19 14	28 10	27 7	26 12	16 9	15 6	13 13	18 4	16 13	15 5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Partábgarh	
Punjab.	Delhi [a]	17 12	18 8	18 8	23 0	24 0	24 8	...	...	...	14 0	15 0	13 0	24 0	24 0	20 0	19 0	20 0	17 8	...	...	...	21 12	22 12	19 8	85 0	100 0	80 0	12 8	12 8	...	11 8	11 8	11 8	Delhi	Punjab.
	Gurgaon	18 8	19 4	19 0	23 8	24 0	25 0	...	...	...	13 0	13 0	13 0	22 0	22 0	18 0	20 0	20 0	21 8	...	...	...	21 0	20 0	20 0	130 0	140 0	120 0	12 0	12 0	...	12 0	12 0	10 0	Gurgáon	
	Karnál	18 8	18 8	18 8	30 0	29 0	29 0	...	...	...	12 0	13 0	12 0	26 0	28 0	23 0	16 0	16 0	18 0	...	...	...	23 8	23 0	22 8	160 0	160 0	160 0	11 0	11 14	...	10 12	11 8	10 8	Karnál	
	Hissar	17 0	17 0	16 0	30 0	30 0	21 0	...	...	...	10 0	10 0	10 0	28 0	30 0	19 0	26 0	26 0	19 0	...	...	...	27 0	28 0	22 8	80 0	80 0	100 0	11 0	10 8	...	10 0	10 0	10 0	Hissar	
	Rohtak	No return received.			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Rohtak	
	Sirsa	21 4	22 0	16 0	38 0	38 0	26 0	...	...	...	13 0	13 0	11 0	38 0	38 0	22 0	30 0	30 0	8 20	...	...	...	35 0	35 0	25 0	120 0	120 0	120 0	11 0	11 0	...	10 8	10 8	9 0	Sirsa	
	Umballa [b]	21 8	21 4	19 0	29 0	30 0	25 0	...	...	...	11 8	12 0	11 8	28 0	32 0	16 0	26 0	28 0	19 0	...	...	...	25 8	24 8	21 8	160 0	130 0	160 0	13 12	13 10	...	13 8	13 4	11 4	Umballa	
	Ludhiana	24 0	23 0	18 0	33 0	32 0	28 0	...	...	...	12 0	12 0	12 0	37 0	37 0	21 0	30 0	30 0	18 0	...	...	...	28 8	28 8	23 8	100 0	100 0	100 0	14 14	14 14	...	14 8	14 8	11 8	Ludhiana	
	Simla	14 8	14 8	12 8	...	...	...	...	...	...	12 0	10 0	11 0	...	...	...	...	...	...	...	...	...	16 0	16 8	14 8	80 0	80 0	80 0	10 1	10 1	...	9 7	9 4	8 12	Simla	
	Jullundur	24 8	24 8	19 0	36 0	36 0	29 0	...	...	...	8 0	8 0	8 0	33 0	32 0	26 0	20 0	22 0	16 0	...	...	...	28 0	28 0	21 8	100 0	100 0	100 0	14 0	14 4	...	13 8	13 8	11 0	Jullundur	
	Hoshiárpur	25 0	25 0	20 0	35 0	35 0	28 0	...	...	...	11 0	10 0	10 0	27 0	28 0	18 0	17 0	17 0	12 0	...	...	...	27 0	27 0	21 0	100 0	110 0	120 0	14 12	14 0	...	13 8	13 8	11 8	Hoshiárpur	
	Kangra	24 0	24 0	20 0	38 0	40 0	31 0	...	...	...	15 0	15 0	14 0	...	...	...	...	...	...	...	...	...	20 9	23 0	16 0	140 0	140 0	160 0	11 0	11 0	...	10 8	10 0	9 0	Kangra	

[a] Price of firewood has risen.

[b] Price of jowar has risen and that of firewood fallen.

* Mandwa: Present 30 seers, past 30 seers, corresponding 23 seers and 8 chittacks.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT INDIA FOR THE 1st HALF OF JULY 1882—*continued*.

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

Provinces.	Districts.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholum, Jowari), *Holcus Sorghum*. Present fortnight.	Great Millet (Cholum, Jowari), *Holcus Sorghum*. Past fortnight.	Great Millet (Cholum, Jowari), *Holcus Sorghum*. Corresponding fortnight of 1881.	Bairush Millet (Cumboo, Bajra), *Penicillaria Spicata*. Present fortnight.	Bairush Millet (Cumboo, Bajra), *Penicillaria Spicata*. Past fortnight.	Bairush Millet (Cumboo, Bajra), *Penicillaria Spicata*. Corresponding fortnight of 1881.	Districts.	Provinces.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.		
Punjab—*continued*.	Amritsar	25 0	24 8	19 0	39 0	37 1	26 8	...	...	...	12 0	12 0	11 0	26 8	25 8	19 0	23 8	23 8	16 8	Amritsar	Punjab.
	Siálkot	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Siálkot	
	Gurdáspur	20 0	20 0	22 0	10 0	10 0	28 0	...	...	...	16 0	16 0	12 0	28 0	28 0	16 0	14 0	14 0	13 0	Gurdáspur	
	Lahore	23 0	23 0	18 0	37 0	35 0	27 0	...	...	...	11 0	10 0	10 0	28 0	28 0	16 0	22 0	22 0	10 0	Lahore	
	Ferozepore	22 0	23 0	17 8	37 0	35 0	26 8	...	...	...	11 0	11 0	10 0	30 0	32 0	19 0	... 35	0 ...		Ferozepore	
	Gujránwála [*a*]	24 1	21 4	17 12	37 0	10 0	27 0	...	...	...	13 0	13 0	11 0	22 0	26 0	16 0	20 0	20 0	14 0	Gujránwála	
	Ráwalpindi	20 1	21 1	13 0	29 0	31 0	21 0	...	...	...	8 4	7 12	6 8	19 0	21 0	17 0	24 0	23 0	14 0	Ráwalpindi	
	Jhelum	23 8	23 0	15 8	31 0	30 0	21 0	...	...	...	10 0	11 0	8 0	23 0	23 0	15 0	24 0	20 0	15 0	Jhelum	
	Gujrát	27 4	27 5	18 4	40 8	39 8	28 0	...	...	...	12 6	12 0	8 0	21 0	21 0	17 0	23 0	23 0	16 0	Gujrát	
	Shahpúr	20 0	20 0	16 8	32 0	31 0	25 0	...	...	...	13 0	13 0	10 0	19 0	19 0	13 0	19 0	19 0	13 0	Shahpúr	
	Mooltan	16 12	16 8	14 8	26 0	24 0	20 0	...	...	...	10 0	10 0	8 0	25 0	25 0	15 0	24 0	24 0	10 0	Mooltan	
	Jhang	19 8	21 0	15 4	39 0	31 0	23 0	...	...	...	12 0	12 0	10 0	16 0	14 0	12 0	16 0	18 0	15 0	Jhang	
	Montgomery	20 0	19 8	17 0	24 0	27 0	20 0	...	...	...	5 8	5 8	5 8	20 0	20 0	12 0	...	...	...	Montgomery	
	Muzaffargarh	19 0	18 8	16 0	36 0	27 0	23 0	...	...	...	5 0	5 0	5 0	18 0	18 0	14 0	18 0	18 0	13 0	Muzaffargarh	
	Dera Ismail Khán	17 14	17 15	16 11	26 9	26 7	25 6	...	...	...	8 12	8 2	7 8	27 8	27 8	16 4	23 12	23 12	16 4	Dera Ismail Khán	
	Dera Gházi Khán	19 2	18 2	15 10	23 7	25 10	20 0	...	...	...	7 8	7 8	7 8	24 2	24 8	15 0	20 0	20 0	13 12	Dera Gházi Khán	
	Bannú[*b*]	20 1	27 8	19 1	15 0	10 0	34 6	...	...	...	8 12	10 0	6 4	27 8	28 12	17 8	27 8	22 8	15 0	Bannú	
	Pesháwar	18 6	18 4	13 6	34 0	36 2	23 0	...	...	...	9 8	9 8	6 5	27 12	27 12	15 1	12 10	12 10	9 8	Pesháwar	
	Kohát [*c*]	14 15	15 5	11 13	29 4	31 11	22 15	...	...	...	12 2	12 2	7 10	21 10	22 14	10 5	20 6	20 6	...	Kohát	
	Házára	...	19 8	14 8	33 8	32 0	26 0	...	...	...	12 8	13 0	10 8	...	...	...	...	...	...	Házára	
Central Provinces.	Nágpur	17 0	16 8	18 8	...	...	...	8 8	8 8	9 12	16 0	16 0	13 12	24 12	24 12	28 4	...	...	...	Nágpur	Central Provinces.
	Bhandára	18 12	19 4	23 12	...	...	...	11 4	10 0	9 12	19 12	20 0	17 0	24 12	24 12	26 0	...	...	...	Bhandára	
	Chánda	17 0	17 0	22 4	...	...	...	...	...	...	12 8	13 0	14 12	21 0	21 0	32 8	...	...	...	Chánda	
	Wardha	20 4	20 4	23 0	...	...	...	8 12	8 12	8 12	16 4	16 4	11 8	23 0	25 0	30 0	...	...	...	Wardha	
	Bálaghát	17 0	17 0	25 0	...	...	...	15 0	15 0	15 0	22 0	22 0	25 0	...	...	...	...	...	...	Bálaghát	
	Jubbulpore	16 8	16 8	21 0	20 0	20 0	22 0	10 0	10 0	14 0	15 0	15 0	...	...	...	...	16 0	16 0	18 0	Jubbulpore	
	Saugor	19 0	19 6	32 8	...	...	...	8 0	8 0	8 4	9 0	9 0	9 8	...	...	...	...	...	...	Saugor	
	Damoh	25 0	26 8	...	...	...	30 0	12 12	13 8	12 12	13 12	14 8	13 12	...	...	...	...	...	...	Damoh	
	Seoni	15 0	17 8	25 0	...	...	...	11 8	12 8	11 8	15 8	16 0	13 8	...	...	...	...	...	...	Seoni	
	Mandla	21 0	20 5	32 0	...	...	...	15 8	15 8	16 0	19 8	19 8	22 0	...	...	...	...	...	...	Mandla	
	Betúl	16 0	18 0	28 0	...	...	...	10 0	10 0	13 0	13 0	10 8	14 0	20 0	20 0	12 0	...	...	...	Betúl	
	Chhindwára	18 0	18 0	36 0	...	...	...	8 0	8 0	10 0	14 0	14 0	14 0	23 0	24 0	36 0	...	...	...	Chhindwára	
	Hoshangabad	15 7	14 6	20 8	...	...	...	4 0	4 0	4 2	14 4	14 14	14 14	21 0	21 0	21 8	18 0	18 0	29 0	Hoshangabad	
	Narsinghpur	14 8	14 8	21 8	...	...	...	9 8	10 0	10 8	12 8	13 8	12 0	...	...	...	...	...	...	Narsinghpur	
	Nimár	13 0	14 7	19 4	...	...	...	...	...	...	11 1	11 11	11 6	21 0	21 4	19 0	21 0	21 9	31 14	Nimár	
	Raipur	29 0	29 0	19 8	...	...	...	21 0	21 0	20 0	37 0	30 0	34 8	...	...	...	...	...	...	Raipur	
	Sambalpur	24 0	28 0	27 0	...	...	...	35 0	40 0	34 0	42 0	47 0	43 0	...	...	...	...	...	...	Sambalpur	
	Biláspur	45 0	54 0	30 0	...	...	...	45 0	54 0	36 0	72 0	81 0	59 0	...	...	...	...	...	...	Biláspur	
British Burma.	*Arakan Division.*																				British Burma.
	Akyab																			Akyab	
	Northern Arakan																			Northern Arakan	
	Kyoukpyoo																			Kyoukpyoo	
	Sandoway																			Sandoway	
	Pegu Division.																				
	Rangoon town and Hanthawaddy																			Rangoon town and Hanthawaddy	
	Tharrawaddy																			Tharrawaddy	
	Prome																			Prome	
	Irrawaddy Division.																				
	Henzada	No return received																		Henzada	
	Bassein																			Bassein	
	Thonegwa																			Thonegwa	
	Thayetmyo																			Thayetmyo	
	Tenasserim Division.																				
	Moulmein town and Amherst																			Moulmein town and Amherst	
	Tavoy																			Tavoy	
	Mergui																			Mergui	
	Toungoo																			Toungoo	
	Shwaygyin																			Shwaygyin	
	Salween																			Salween	
Hyderabad Assigned Districts.	Secunderabad	16 5	16 5	15 2	...	...	...	6 13	6 13	7 14	9 13	9 13	9 9	23 11	23 11	23 0	...	...	...	Secunderabad	Hyderabad Assigned Districts.
	Bolarum	17 12	16 14	16 6	...	...	...	7 6	7 1	8 1	8 11	8 12	9 13	27 0	23 7	24 7	...	...	...	Bolarum	
	Chudderghat	13 8	13 9	12 0	...	...	...	6 8	6 0	6 0	8 8	8 0	8 8	25 0	24 0	24 0	33 0	33 0	34 0	Chudderghat	
	Amraoti	16 0	16 0	20 0	10 0	10 0	9 8	8 0	8 0	7 0	10 0	10 0	8 0	26 0	26 0	36 0	20 0	20 0	26 0	Amraoti	
	Akola	16 0	16 0	19 0	...	...	...	8 0	8 0	6 0	10 0	10 0	10 0	30 0	30 0	36 0	24 0	24 0	24 0	Akola	
	Ellichpur	14 0	14 0	20 0	8 0	8 0	12 0	6 0	6 0	8 0	8 0	8 0	10 0	21 0	22 0	30 0	20 0	20 0	26 0	Ellichpur	
	Buldána	19 0	20 0	26 0	...	...	...	...	...	...	11 0	11 0	11 0	32 0	32 0	54 0	23 0	28 0	39 0	Buldána	
	Wún	14 0	14 0	17 0	...	...	...	7 0	7 0	7 0	10 8	10 8	11 0	30 0	30 0	35 0	...	...	...	Wún	
	Básim	20 8	20 0	22 0	...	...	...	5 0	5 0	5 0	12 0	13 0	13 12	34 0	32 0	46 0	...	...	...	Básim	

[*a*] Price of jowar has risen. [*b*] Price of barley, bajra, gram, and salt has fallen. [*c*] Price of gram has risen.

Districts.	Lesser Millets, Ragi, &c. (Kavaru, Varagu, Sawee, Cheena, Cornioo, Murhwa, Nuglee), *Panicum Miliaceum*, &c. Present fortnight.	Lesser Millets, Ragi, &c. Past fortnight.	Lesser Millets, Ragi, &c. Corresponding fortnight of 1881.	Gram. Present fortnight.	Gram. Past fortnight.	Gram. Corresponding fortnight of 1881.	Firewood. Present fortnight.	Firewood. Past fortnight.	Firewood. Corresponding fortnight of 1881.	Salt. Wholesale. Present fortnight.	Salt. Wholesale. Past fortnight.	Salt. Wholesale. Corresponding fortnight of 1881.	Salt. Retail. Present fortnight.	Salt. Retail. Past fortnight.	Salt. Retail. Corresponding fortnight of 1881.	Districts.	Provinces.
	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.		
Amritsar	...	...	...	32 8	32 4	22 0	80 0	80 0	90 0	15 0	14 13	...	14 10	14 7	12 1	Amritsar	Punjab.
Siálkot	...	...	...	...	...	...	...	...	...	...	...	...	No return received			Siálkot	
Gurdáspur	...	...	...	32 0	32 0	23 0	120 0	120 0	120 0	13 4	13 4	...	12 8	12 8	10 8	Gurdáspur	
Lahore	...	...	...	29 8	30 0	20 0	90 0	80 0	90 0	15 0	15 0	...	14 0	14 0	11 0	Lahore	
Ferozepore	...	...	...	32 0	32 8	23 0	70 0	65 0	80 0	13 8	13 0	...	13 0	13 0	11 8	Ferozepore	
Gujránwála	...	...	...	28 0	28 0	18 4	95 0	95 0	95* 0	15 4	15 4	...	15 0	15 0	12 0	Gujránwála	
Ráwalpindi	...	...	...	22 14	22 14	15 8	90 0	90 0	40 0	14 12	15 0	...	14 10	14 12	12 0	Ráwalpindi	
Jhelum	...	...	...	24 0	23 8	16 0	120 0	120 0	90 0	16 8	16 8	...	16 0	16 0	13 0	Jhelum	
Gujrát	...	...	...	26 4	26 2	18 0	100 0	100 0	100 0	...*	...*	...	15 0	15 0	12 2	Gujrát	
Shahpúr	...	...	...	24 0	24 0	20 0	320 0	320 0	320 0	17 0	17 0	...	16 0	16 0	14 0	Shahpúr	
Mooltan	...	...	...	23 0	23 0	17 0	90 0	90 0	80 0	15 8	15 0	...	15 0	14 8	12 4	Mooltan	
Jhang	...	...	...	24 0	26 0	17 0	200 0	200 0	200 0	15 0	15 0	...	14 12	14 4	12 8	Jhang	
Montgomery	...	...	...	25 0	26 0	19 0	200 0	200 0	200 0	12 0	11 8	...	11 0	10 8	10 8	Montgomery	
Muzaffargarh	...	...	...	19 0	19 0	16 0	80 0	80 0	100 0	...*	...*	...	13 0	13 0	11 0	Muzaffargarh	
Dera Ismail Khán	...	...	...	23 10	24 0	25 4	100 0	100 0	100 0	55 0	55 0	...	53 0	53 0	47 8	Dera Ismail Khán	
Dera Gházi Khán	...	...	...	20 0	20 10	17 8	100 0	100 0	125 0	28 12	28 12	...	25 0	26 4	26 4	Dera Gházi Khán	
Bannú	...	...	...	30 10	25 10	31 14	80 0	80 0	80 0	120 0	100 0	...	100 0	80 0	80 0	Bannú	
Pesháwar	...	...	...	18 0	18 0	13 2	91 0	91 0	60 0	55 4	55 4	...	53 0	53 0	40 0	Pesháwar	
Kohát	...	...	...	13 3	17 14	16 4	76 0	76 0	63 0	102 0	109 0	...	88 0	95 0	41 0	Kohát	
Házára	...	...	...	19 0	19 0	16 0	140 0	140 0	120 0	13 0	13 0	...	12 0	12 0	10 4	Házára	
Nágpur	...	...	...	22 0	22 4	21 0	130 0	130 0	120 0	11 8	11 8	10 8	11 4	11 4	10 4	Nágpur	Central Provinces.
Bhandára	...	...	...	22 4	24 0	26 4	...	...	...	11 0	11 0	10 8	10 12	10 12	10 0	Bhandára	
Chánda	...	...	...	23 0	25 0	24 0	360 0	360 0	360 0	...	...	...	8 8	10 0	9 0	Chánda	
Wardha	...	...	...	24 0	24 0	23 0	125 0	120 0	135 0	12 4	12 4	10 12	12 0	12 0	10 8	Wardha	
Bálaghát	...	...	...	28 0	28 0	32 0	275 0	275 0	275 0	10 0	10 0	...	10 0	10 0	9 0	Bálaghát	
Jubbulpore	...	...	...	28 0	28 0	32 0	120 0	120 0	120 0	12 0	11 14	...	11 8	11 8	9 0	Jubbulpore	
Saugor	...	...	...	24 0	24 0	40 0	160 0	160 0	120 0	8 8	8 8	...	8 4	8 4	7 4	Saugor	
Damoh	...	...	...	79 0	39 0	64 0	200 0	200 0	200 0	9 4	8 8	6 12	9 0	8 4	6 8	Damoh	
Seoni	...	...	...	28 8	23 8	38 0	210 0	220 0	190 0	10 12	10 0	7 0	10 8	9 8	6 12	Seoni	
Mandla	25 0	25 0	32 0	35 0	35 0	55 0	240 0	240 0	256 0	...	...	...	9 8	9 8	6 8	Mandla	
Betúl	15 0	15 0	27 0	17 0	19 0	40 0	240 0	240 0	240 0	9 8	9 8	9 8	9 0	9 0	9 0	Betúl	
Chhindwára	18 0	18 0	26 0	23 0	25 0	35 0	200 0	200 0	200 0	10 0	10 0	9 0	9 0	9 0	8 0	Chhindwára	
Hoshangabad	...	...	...	23 10	24 12	31 0	160 0	160 0	120 0	8 14	8 14	...	8 8	8 5	5 0	Hoshangabad	
Narsinghpur	...	...	...	26 0	24 0	39 0	160 0	160 0	160 0	10 8	10 4	8 0	10 0	9 12	7 12	Narsinghpur	
Nimár	...	...	...	22 0	20 13	27 6	120 0	144 0	160 0	13 4	13 8	10 6	13 0	13 0	9 13	Nimár	
Raipur	...	...	...	32 0	32 0	34 8	60 0	60 0	70 0	8 4	7 14	8 0	7 12	7 12	7 8	Raipur	
Sambalpur	...	...	...	30 0	28 0	28 0	120 0	120 0	220 0	10 0	9 0	5 8	9 0	8 8	5 0	Sambalpur	
Biláspur	150 0	150 0	120 0	48 0	48 0	52 0	120 0	120 0	120 0	...	...	...	7 0	7 0	7 0	Biláspur	
Arakan Division.																	British Burma.
Akyab																Akyab	
Northern Arakan																Northern Arakan	
Kyoukpyoo																Kyoukpyoo	
Sandoway																Sandoway	
Pegu Division.																	
Rangoon town and Hanthawaddy																Rangoon town and Hanthawaddy	
Tharrawaddy																Tharrawaddy	
Prome																Prome	
Irrawaddy Division.																	
Henzada	...	...	...	...	...	...	...	...	...	...	...	...	No return received			Henzada	
Bassein																Bassein	
Thonegwa																Thonegwa	
Thayetmyo																Thayetmyo	
Tenasserim Division.																	
Moulmein town and Amherst																Moulmein town and Amherst	
Tavoy																Tavoy	
Mergui																Mergui	
Toungoo																Toungoo	
Shwaygyin																Shwaygyin	
Salween																Salween	
Secunderabad	...	...	...	17 12	17 4	20 1	125 0	125 0	125 0	10 11	10 8	9 7	10 3	10 0	9 0	Secunderabad	Hyderabad Assigned Districts.
Bolarum	...	...	...	18 15	17 13	22 8	116 14	116 14	116 14	...	...	...	10 12	10 12	9 8	Bolarum	
Chudderghat	...	...	...	17 8	17 0	19 0	80 0	80 0	80 0	...	...	...	9 8	9 8	8 4	Chudderghat	
Amraoti	...	...	...	20 0	20 0	22 0	64 0	64 0	80 0	12 0	12 0	11 0	11 8	11 8	10 8	Amraoti	
Akola	7 8	7 8	7 8	22 0	22 0	24 0	64 0	64 0	64 0	11 0	11 0	10 0	10 0	10 0	9 0	Akola	
Ellichpur	...	...	...	16 0	16 0	23 0	64 0	64 0	64 0	...	...	...	9 0	9 0	9 0	Ellichpur	
Buldána	...	...	...	22 0	24 0	35 0	...	...	...	...	...	...	10 0	10 0	10 0	Buldána	
Wún	...	...	...	22 0	22 0	23 0	100 0	100 0	100 0	...	...	...	8 0	8 0	8 0	Wún	
Básim	...	...	...	26 0	25 0	26 0	64 0	64 0	64 0	10 0	11 8	9 0	9 0	11 0	8 0	Básim	

* No wholesale salt sold.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT INDIA FOR THE 1st HALF OF JULY 1882 —*concluded.*

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

PROVINCES.	DISTRICTS.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholum, Jowari), *Holcus Sorghum.* Present fortnight.	Great Millet (Cholum, Jowari), *Holcus Sorghum.* Past fortnight.	Great Millet (Cholum, Jowari), *Holcus Sorghum.* Corresponding fortnight of 1881.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.* Present fortnight.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.* Past fortnight.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.* Corresponding fortnight of 1881.	Lesser Millets, Ragi, &c. (Kavaru, Varagu, Sawee, Cheena, Coraloo, Murhwa, Nuglee), *Panicum Miliaceum, &c.* Present fortnight.	Lesser Millets, Ragi, &c. (Kavaru, Varagu, Sawee, Cheena, Coraloo, Murhwa, Nuglee), *Panicum Miliaceum, &c.* Past fortnight.	Lesser Millets, Ragi, &c. (Kavaru, Varagu, Sawee, Cheena, Coraloo, Murhwa, Nuglee), *Panicum Miliaceum, &c.* Corresponding fortnight of 1881.	Gram. Present fortnight.	Gram. Past fortnight.	Gram. Corresponding fortnight of 1881.	Firewood. Present fortnight.	Firewood. Past fortnight.	Firewood. Corresponding fortnight of 1881.	Salt. Wholesale. Present fortnight.	Salt. Wholesale. Past fortnight.	Salt. Wholesale. Corresponding fortnight of 1881.	Salt. Retail. Present fortnight.	Salt. Retail. Past fortnight.	Salt. Retail. Corresponding fortnight of 1881.	DISTRICTS.	PROVINCES.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.		
MYSORE.	Bangalore	11 5	12 2	11 14	13 0	13 1	13 2	9 9	10 2	9 4	11 0	11 1	10 13	22 14	24 12	26 15	...	...	...	25 13	25 12	28 1	29 6	29 4	34 5	96 0	96 0	84 0	13 0†	12 4†	10 3†	12 12†	11 11†	10 0†	Bangalore	MYSORE.
	Kolar	...	...	...	12 0	...	10 6	13 15	13 15	11 0	15 3	15 3	14 2	...	...	...	...	...	...	28 13	28 13	34 0	31 15	31 15	38 4	172 6	172 6	172 6	13 8†	12 10†	11 5†	13 3†	12 5†	11 1†	Kolar	
	Túmkúr	14 0	14 8	12 0	13 0	13 0	12 0	12 0	12 0	12 0	12 0	12 0	12 0	...	...	...	...	...	...	30 0	31 0	35 0	36 0	36 0	35 0	340 0	340 0	340 0	10 0‡	11 0‡	12 8‡	9 8‡	10 8‡	12 0‡	Túmkúr	
	Mysore	10 4	10 4	10 0	...	...	...	10 12	10 12	10 8	11 8	11 12	11 0	...	...	...	...	...	...	20 0	20 0	22 0	28 0	27 0	29 8	72 0	72 0	81 0	8 4†	8 4†	7 12†	8 0†	8 0†	7 10†	Mysore	
	Hassan	12 0	12 0	12 0	14 0	13 0	13 0	19 0	10 0	12 0	12 0	11 0	13 0	...	...	...	...	...	...	22 0	24 0	30 0	26 8	28 0	32 0	600 0	600 0	600 0	...	...	...	8 0†	9 0†	7 0†	Hassan	
	Shimoga	11 9	12 10	14 11	13 10	14 11	16 13	10 8	10 8	12 10	12 10	12 10	16 13	25 3	27 5	39 14	..	..	...	31 0	27 14	45 7	29 6	29 6	36 4	480 0	480 0	480 0	10 8†	10 8†	...	10 0†	10 0†	8 10†	Shimoga	
	Kadur	16 0	16 0	14 0	15 0	15 0	...	12 0	12 0	15 0	14 0	14 0	17 0	...	...	...	...	...	...	25 0	25 0	36 0	23 0	23 0	24 0	64 0	64 0	64 0	...	...	...	11 0†	11 0†	9 0†	Kadur	
	Chitaldroog	16 0	16 0	16 0	18 0	18 0	20 0	11 0	12 0	12 0	12 0	12 0	13 0	36 0	36 0	48 0	28 0	28 0	48 0	39 0	40 0	52 0	30 0	28 0	48 0	100 0	100 0	100 0	12 0‡	12 0‡	16 0‡	12 0‡	12 0‡	16 0‡	Chitaldroog	
COORG.	Coorg	7 12	7 15	8 11	8 8	8 7	9 10	10 10	10 11	11 2	13 12	13 2	16 14	...	...	...	...	...	...	19 14	19 7	29 2	20 14	21 11	28 9	110 0	110 0	110 0	9 1	9 0	...	8 12	8 10	8 1	Coorg	Coorg
RAJPOOTANA.	Jeypore	16 8	16 8	15 0	21 0	22 0	21 8	6 0	6 0	6 0	9 0	9 0	9 0	20 0	20 0	24 0	18 4	19 0	18 0	...	...	...	17 0	17 8	17 8	...	...	...	14 0	13 8	...	13 8	13 0	11 0	Jeypore	RAJPOOTANA.
	Kishengurh	16 0	15 8	17 8	21 8	22 0	27 0	8 0	7 0	8 8	9 0	8 0	9 0	21 0	22 0	26 8	17 0	19 0	21 0	...	...	...	20 8	21 8	26 8	...	...	...	...	...	...	16 0	16 0	12 8	Kishengurh	
	Kerrowlee	16 0	17 0	*	18 8	20 0	*	12 8	13 8	*	13 8	15 0	*	18 8	20 0	*	16 0	17 8	*	...	...	...	18 8	19 0	*	...	...	...	13 10	13 10	*	13 8	13 8	*	Kerrowlee	
	Ulwur	17 15	17 0	16 10	22 3	21 8	20 8	8 0	8 0	8 0	11 10	11 11	10 10	22 0	22 2	20 11	16 3	16 0	18 10	...	...	...	21 2	20 15	17 14	...	...	...	15 13	15 13	...	15 6	15 6	12 5	Ulwur	
	Bhurtpore (City)	17 8	17 8	17 4	23 8	22 8	23 0	6 8	6 8	6 4	11 8	11 0	7 8	20 8	23 8	25 4	17 8	19 8	19 12	...	...	...	21 0	20 8	18 8	...	...	...	14 4	14 8	...	14 0	14 0	12 8	Bhurtpore (City)	
	Ajmere	15 0	14 8	16 8	21 8	21 0	23 8	5 0	5 0	5 0	8 0	8 0	8 0	18 0	19 0	20 0	18 0	16 0	18 0	...	...	...	21 0	20 8	20 0	70 0	70 0	60 0	...	...	...	15 0	15 0	12 0	Ajmere	
	Deoli Cantonment	16 7	16 0	18 12	20 6	19 5	23 12	...	...	...	10 8	10 8	10 0	20 0	20 0	25 1	16 0	16 1	22 0	...	...	...	20 5	19 2	21 0	...	...	...	...	...	...	13 0	13 2	10 8	Deoli Cantonment	
																													Rs. A. P.	Rs. A. P. per md.	Rs. A. P.					
	Erinpura	16 10	16 10	17 12	29 0	29 0	28 0	...	...	...	8 0	8 0	7 0	25 0	25 0	22 0	23 0	23 0	23 0	...	...	...	23 0	23 0	21 4	170 0	170 0	160 0	3 1 2	3 1 2	...	12 0	12 0	10 8	Erinpura	
	Sirohee	17 8	17 0	16 0	28 0	28 0	26 0	7 0	7 0	6 8	8 8	8 4	8 0	17 0	17 0	18 0	21 0	21 0	23 0	...	...	...	22 0	20 8	20 0	160 0	160 0	120 0	3 0 0	3 5 0	...	12 5	11 7	11 7	Sirohee	
	Abu	15 2	15 6	14 4	22 12	22 12	22 4	6 8	6 8	5 8	8 0	8 0	8 0	...	...	...	18 0	18 4	18 5	...	...	...	18 12	18 12	16 4	160 0	160 0	160 0	3 12 0	3 12 0	...	10 8	10 8	10 8	Abu	
	Anadra	17 0	17 2	16 0	26 0	26 4	27 0	7 0	7 0	6 0	9 0	9 0	8 8	...	...	...	21 0	21 0	21 0	...	...	...	20 12	21 0	18 12	...	...	...	3 8 0	3 8 0	...	11 8	11 8	10 8	Anadra	
	Hilly Tracts of Meywar	20 0	18 8	24 0	28 0	26 0	44 0	...	...	...	18 0	17 0	16 0	...	...	...	...	...	...	...	...	...	25 0	24 0	33 0	§	§	§	...	...	...	10 0	10 8	8 8	Hilly Tracts of Meywar	
																													S. Ch.	S. Ch.	S. Ch.					
	Meywar (Oodeypore)	14 10½	14 1	16 0½	19 8½	18 5½	21 7½	10 2½	10 15	7 13	...	...	...	...	...	...	...	...	...	...	...	...	17 15½	16 12¾	21 14	200 0	200 0	200 0	10 8½	10 2½	...	10 2½	9 12½	6 4	Meywar (Oodeypore)	
	Bánswára (Meywar Agency)	21 4	21 4	28 12	...	...	...	10 0	10 0	8 12	18 12	18 12	17 8	...	...	...	...	...	...	...	...	...	35 0	35 0	50 0	...	...	...	...	...	...	11 4	11 4	9 1	Bánswára (Meywar Agency)	
	Partábgurh („)	16 1	15 5	21 4	...	...	...	10 15	10 5	7 8	13 7	13 7	12 8	...	...	...	...	...	...	...	...	...	20 0	19 11	31 4	...	...	...	...	...	...	10 0	10 0	8 12	Partábgarh („)	
																													Rs. A. P.	Rs. A. P. per md.	Rs. A. P.					
	Marwar (Jodhpore)	15 0	14 11	15 0	20 0	20 0	18 2	5 0	6 4	5 0	6 14	6 14	6 4	17 8	20 0	18 2	18 12	17 8	17 8	...	...	...	18 12	18 2	13 12	...	...	...	2 9 0	2 9 0	...	15 0	15 0	14 11	Marwar (Jodhpore)	
																													S. Ch.	S. Ch.	S. Ch.					
	Bikaneer	12 0	13 4	10 0	..	...	...	3 2	3 1	2 14	6 8	6 8	6 2	...	...	...	17 4	18 8	13 0	...	...	...	16 10	15 0	16 4	...	...	...	...	...	...	11 8	11 8	11 8	Bikaneer	
	Boondee	16 8	16 8	23 0	25 12	25 8	32 0	9 8	9 8	7 8	10 0	10 0	9 8	26 0	26 0	30 0	...	...	...	...	...	...	25 0	24 8	31 0	140 0	140 0	170 0	11 12	11 12	7 8	11 8	11 8	...	Boondee	
	Kotah	15 12	16 4	25 4	20 0	21 0	32 0	8 12	8 12	8 0	11 0	11 0	10 0	19 8	20 0	40 8	16 0	16 0	20 0	...	...	...	22 12	23 8	32 4	240 0	240 0	240 0	12 4	12 4	...	11 12	11 12	9 0	Kotah	
	Touk	14 0	13 14	17 13	20 0	19 6	26 6	7 0	7 0	7 0	10 0	10 0	9 0	21 6	20 15	25 14	16 5	16 0	19 11	...	...	...	19 9	18 15	21 15	160 0	160 0	140 0	12 4	12 10	10 8	12 0	12 7	...	Touk	
	Jhallawar	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	No return received			Jhallawar	
	Shahpoora	17 1	17 12	19 0	21 5	21 0	23 12	9 8	10 9	8 12	13 8	13 8	13 4	18 4	18 0	23 0	16 1	17 0	15 0	...	...	...	19 0	19 6	20 8	160 0	160 0	160 0	13 2	13 8	10 4	13 0	13 4	...	Shahpoora	
	Dholpur	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	No return received			Dholpur	
CENTRAL INDIA.	Indore	15 0	14 12	19 3	...	...	...	8 9	9 3	8 0	10 0	10 14	8 9	20 0	20 0	34 4	20 0	19 3	30 0	...	...	...	19 3	18 7	25 4	100 0	100 0	100 0	11 8	11 8	...	10 14	10 14	6 8	Indore	CENTRAL INDIA.
	Gwalior	15 7	14 12	15 3	20 1	20 9	19 11	7 5	7 5	6 14	9 10	9 10	9 6	18 12	19 3	18 12	15 9	15 9	14 10	...	...	...	18 12	18 15	16 5	91 4	109 8	118 10	...	...	...	11 7	11 5	9 10	Gwalior	
	Goona	20 8	20 0	26 8	17 0	17 0	21 0	9 12	9 8	9 8	10 4	10 0	10 0	25 0	24 0	34 0	17 0	17 0	21 0	...	...	...	24 8	24 0	34 0	200 0	200 0	200 0	11 8	11 8	...	11 0	11 0	8 10	Goona	
	Baghelkhand (Sutna)	21 0	21 0	22 0	32 10	33 6	33 6	8 0	8 0	7 0	17 12	19 1	17 0	32 10	35 0	29 14	24 0	24 0	19 0	...	...	...	30 0	29 8	26 6	160 0	160 0	160 0	12 5	12 1	...	11 8	11 5	10 8	Baghelkhand (Sutna)	

* Not received.

† Sea Salt. ‡ Earth Salt. § Eight pies per bundle.

DEPARTMENT OF FINANCE AND COMMERCE,
(*Statistical Branch.*)

D. M. BARBOUR,
Secretary to the Government of India.

GOVERNMENT OF INDIA.

REVENUE AND AGRICULTURAL DEPARTMENT.

REPORTS ON THE STATE OF THE SEASON AND PROSPECTS OF THE CROPS FOR THE WEEK ENDING THE 8th AUGUST 1882.

GENERAL REMARKS.—The very heavy rainfall in the extreme south-west of the Madras Presidency and in Coorg has somewhat diminished, although still heavy. In other parts of the Madras Presidency it has continued to be light, except in Ganjam. In Mysore rain fell in varying quantities in all districts. In the Nizam's Territories only light showers occurred. In Berar the rainfall was good. In the Bombay Presidency it was good in some districts and deficient in a few. In the Central Provinces it was generally fair, though heavy in some districts.

In Central India and Rajputana the rainfall was good in some States, light in others, and a break occurred in a few States. In the Punjab there was rain in all but four districts, light, except in Amritsar. In the North-Western Provinces and Oudh good rain fell everywhere, excepting one or two districts. From Bengal rain in varying quantities is reported from all districts. In Assam and British Burma good rain fell in all districts, except Prome.

Agricultural prospects are favourable in both these Provinces; ploughing, sowing, and transplanting are progressing. In Bengal more rain would be beneficial in many parts for autumn crops and the winter rice. In the North-Western Provinces and Oudh the prospects of the *kharif* crops are generally favourable, but here also more rain is needed in some districts. In the Punjab sowings have been completed or nearly so, and prospects are good here as well as in the Rajputana and Central India States. In the Central Provinces a break in the wet weather is still needed for weeding operations in some districts; prospects of the *kharif* crops are favourable.

In the Bombay Presidency sowings have mostly been completed, and rice is being transplanted in some parts; more rain seems wanted in the Deccan. In Berar the cotton and *kharif* crops are in good condition. In the Nizam's Territories also crops are in good condition, but more rain is needed. In Mysore wet cultivation in some parts requires more water, while in others excessive rain has done some damage; but on the whole prospects are favourable here and also in Coorg. In the Madras Presidency standing crops are, with a few exceptions, in fair condition.

The barometer had risen in all parts of Northern India and in the central and western parts of the Peninsula up to the 9th instant, but a slight fall set in on the 10th. The break in the rains, however, continues in North-Western India, where dry weather has set in. Atmospheric conditions somewhat resemble those of August 1880.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Madras—(Aug. 9th)		
Bellary ...	·48 (average of five stations).	Standing crops good, though dry partially withering and worm-eaten; agricultural operations progressing.
Kurnool ...	·24 (average of two stations).	More rain wanted; young crops fading; cattle-disease in parts.
Ganjam ...	3·45 (average of eleven stations).	Standing crops thriving; fever, small-pox, and cattle-disease continue; cholera subsiding.
Kistna ...	·65 (average of twelve stations).	Standing crops along Kistna damaged, others require rain; agricultural operations progressing; small-pox slight and cattle-disease prevalent.
Chingleput (Madras) ...	·51 (average of eight stations).	Standing crops under larger tanks and channels good; agricultural operations going on; cholera and cattle-disease in parts.
Coimbatore ...	·92 (average of six stations).	Standing crops, paddy promising; dry crops damaged in parts by rain; want of rain felt; insects in some places; harvest dry crops, yield average; fever and small-pox in parts; cholera and cattle-disease has broken out in parts.
Tanjore ...	·38 (average of seven stations).	Standing crops generally good but damaged by breaches in seven taluks; cattle-disease in parts of a taluk.
Madura ...	·37 (average of three stations).	Standing crops fair, though withering in one taluk; harvest paddy and dry crops, outturn average; cholera in parts.
Malabar ...	8·12 (average of fourteen stations).	First crop partially destroyed by heavy rain; small-pox, fever, and cattle-disease in parts; cholera slight.
Travancore ...	3·10	Rice cultivation considerably damaged by floods; fever continues. *General Remarks.*—General prospects fair.
Bombay—(Aug. 9th)		
Kurrachee ...	Manora, ·46; Tatta, 1·46; Dadu, ·63.	River at Kotri on 7th, 19⅔ feet against 16 feet 1 inch on same date last year; fever in four talukas; 5 cases of small-pox in the vicinity of Tatta; crops submerged in many places; rats doing some damage to rice crops in Jati taluka; wheat, red rice, and *bajri* in Kurrachee 23, 35 and 32, in Sehwan 28, 46 and 46, in Sakro 18 30 and 48, and in Shahbandar 20, 48 and 48 lbs. per rupee, respectively.
Hyderabad ...	Rain in twelve talukas, average 1·30.	River still in high flood; fever in Mirpur taluka; wheat 25, *juari* 45, *bajri* 40, red rice 32, and white rice 22 lbs. per rupee; crops damaged by rats in Bago, Tando and Badin talukas.
Ahmedabad ...	1·40	Total rainfall 27·24; sowing of *bajri*, &c., and transplantation of rice continue in Ahmedabad city; 8 cholera cases, 1 fatal; wheat 26 and *bajri* 30 lbs. per rupee.
Baroda ...	1·01	Total rainfall 30·42; sowing of *kharif* and transplantation of rice continue; young crops doing well generally; cholera at Amreli and Manekwara continues in a mild form; *bajri* 32 and common rice 24 lbs. per British rupee.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Bombay—*contd.*		
Surat ...	·21	Total rainfall 31·91; break continues; crops generally healthy; *juari* 36 and *nagli* 51 lbs. per rupee.
Násik ...	Igatpuri, 7·54; Peint, 4·41; no rain in Baglan or Kalwan; showers elsewhere.	Crops good; *bajri* sowing incomplete in places; locusts in Nandgaon; cattle-disease in a few places; cholera in Násik and Sinnar; wheat 25, *bajri* 38, and rice 25 lbs. per rupee.
Colaba (Bombay) ...	Rain every day; total of week 1·35.	Total rainfall to date 56·45, being 7·36 above average; abnormal temperature *nil* on 2nd, 7th, and 8th, 1° warm on 3rd and 1° cool from 4th to 6th; vapour in air normal; abnormal wind from the south-west on 6th; wind normal on all other days.
Poona ...	.....	Break continues; young crops healthy; 3 cholera cases in Poona, 2 fatal; *bajri* 45 and *juari* 58½ lbs.; in Poona *bajri* 36¾ and *juari* 47½ lbs. per rupee.
Ahmednagar ...	Newasa, ·53; Karjat, ·39; very slight in Nagar, Parner, Jhamkhed, Sheegaon, Sangamner, and Akola; none in the remaining three talukas.	Total average rainfall of the district 11·21; sowing of *kharif* in progress in Jhamkhed, Sheegaon, Sangamner, and Akola and completed in others; rain much wanted; cattle-disease in Nagar, Sheegaon, and Akola; cholera—in Parner 18 attacks and 6 deaths, in Shrigonda 8 attacks and 2 deaths; *bajri*—maximum 66 lbs. in Jhamkhed, minimum 48 in Kopergaon; *juari* maximum 102 lbs. in Jhamkhed, minimum 54 in Kopergaon.
Sholapur ...	·58	Total rainfall 17·64; 109 cholera cases, 48 deaths; rain much needed; cattle-disease in Malsiras taluka; *bajri* 37 lbs. and *juari* 79 lbs. 39 tolas per rupee.
Dharwar	Rain at all stations except Navalgund, Nargund, Ron, and Mundargi; maximum at Dharwar, 1·23; minimum at Rannibennur, ·13.	Rain wanted at Ron, Nargund, and Mundargi; young standing crops good where not damaged by too much rain; *juari* sowing nearly completed; ague in Mugud *petta* and cattle-disease in Bankapur, Hangal, and Ron; maximum and minimum price of *juari* 80 and 54 lbs. and of rice 30 and 18 lbs., respectively; scarcity of drinking-water in Nargund and twelve other villages of the *petta*.
Kanara ...	Karwar, 3·63; Kumpta, 3·68; Sirsi, 2·92; Hallial, 1·36.	Total rainfall 80·35; rice plants healthy except in low lands; crops damaged by heavy rainfall in July in Sirsi, Honawar, and Sidapur talukas; betelnut, cardamum, and pepper crops much injured; landslips in Sidapur burying Rio betelnut garden in Chapparman; many huts on banks of the Sharavati washed away, no lives lost; cattle-disease subsiding; common rice in Karwar 11 seers, in district average 13¾ seers per rupee.
Rajkot ...	·13	Total rainfall 13·78; weather cloudy; general health fair; crops thriving; cholera in some places; *bajri* 27 and *juari* 32 lbs. per rupee.
		General Remarks.—Sowing mostly completed; transplantation in progress; river high in Sind; breaches in Sukkur and Nara canals submerging villages in Sukkur and Nowshera talukas; rains generally abating in Presidency districts and much wanted in Kaladgi, Ahmednagar, Sholapur, and parts of Dharwar; locusts in Násik and Khandesh; fever and cattle-disease in some districts; cholera in Belgaum, Satara, Sholapur, Ahmednaga thana, Kaira, and parts of Kathiawar.
Bengal—(Aug. 9th)		
Chittagong ...	6·29	Weather seasonable; rain has done much good to standing crops; cultivation of *amun* going on steadily; prices stationary; cholera and small-pox still continue.
Dacca ...	2·43	Both jute and rice damaged by falling of rivers; health improving since rain fell.
24-Pergunnahs (Calcutta)	1·26	Prospects of jute, early rice, and sugarcane good; cultivation of winter crops going on, but more rain wanted for transplanting of *amun* paddy seedlings; public health generally good; rivers rising.
Moorshedabad ...	2·08	*Bhadoi* being cut, but much loss has been done to low land crops by rise of rivers, especially in thana Dewanserai; prospects of *amun* were becoming unsatisfactory owing to want of rain, but rain which fell on 5th and 6th has done much good, and will enable cultivators to go on with transplanting operations; fever prevails in Gokuru and Rangamati, and cholera in a few places; cattle-disease in Kalyanganj.
Rajshahye ...	·62; Nattore, ·34	Crops suffering for want of sufficient rain; fever general.
Burdwan ...	·38; Cutwa, ·98; Raniganj, 2·5.	Weather hot and cloudy; rain much wanted; public health generally good; a little cholera in head-quarters subdivision.
Rungpore ...	·80	Weather cloudy and hot; transplanting of winter rice stopped for want of rain; prospects of other crops good; public health good.
Bhagálpur ...	2·41	Late rain has revived rice plants, but more required; autumn crops doing well.
Purneah ...	6·8	Recent rain prevented much further damage; transplanting proceeding; health fair; Kosi rising; Ganges high.
Patna ...	·67	Rain wanted everywhere for transplanting rice; prospects of autumn crops fair; cholera still reported from Barrh and Behar sub-divisions.
Durbhunga ...	Copious rain since night of 5th; 6·64.	All prospects greatly improved; *bhadoi* safe; rice cultivation going on well; cholera in places; prices falling slightly.
Hazáribágh ...	·88	Weather seasonable; *bhadoi* crops look well; transplanting of paddy continues, but more rain wanted; general health good.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Bengal—*contd.*		
Cuttack ...	3·17	Rivers still high; state of crops good; cholera still reported.
		General Remarks.—General prospects in these provinces not very satisfactory owing to scanty rainfall; cultivation of *amun* rice for the most part greatly interfered with, save in Orissa and parts of Chota Nagpur where there has been sufficient rain, and in Durbhunga, Purneah, Chittagong and a few other districts where good rain fell during the week; more rain is also urgently required for autumn crops in many places; fever has appeared in some districts, it is said to be increasing in Nuddea; cases of cholera still reported from some districts.
N. W. Provinces and Oudh—		
Benares (Aug. 8th)	1·20; Chandauli, 2·70; Gungapore, no report received.	Prospects for *rabi* crops generally fair, but in Benares district more rain wanted for transplanting late rice; health of cattle good; some cholera still reported in city, pargana Dehát Amánat, and parts of tahsil Chandauli; fever in Chandauli tahsil; bazaars fairly well supplied; prices steady.
Allahabad („ „)	Little rain	Rain much wanted now both for rising crops and for *bajri* sowings; rice specially requires rain; some sporadic cholera, but not spreading; health on whole good for this season, considering long break in rains; prices falling slightly.
Gorakhpur („ „)	Good rain on 6th all over district.	Rice gone in parts, but the greater part will be saved; health good; prices still rising.
Jhánsi („ „)	Average 3·40	A break of four days in three parganas has benefited crops in *mar* soil; continuous fine weather greatly wanted; uplands being prepared for *rabi* sowing; prices fluctuating; cholera continues in Gursarai, a few cases also reported from two other villages.
Agra („ „)	Rain in six parganas from 2·0 to 1·10.	Some crops slightly damaged in two parganas from excessive rain; a break during week, which was much needed; slight fever in six parganas; cholera abating in Ferozabad; general health good; prices stationary.
Bareilly („ „)	Average 1·70	Weather seasonable; crops excellent; cholera and fever appearing.
Meerut („ „)	Very little rain, more wanted.	Wind westerly greater part of week; rice being irrigated; health good, but fever commencing; crops flourishing; supplies sufficient; prices stationary.
Kumaun („ „)	Good rain on 5th and 6th.	Crop prospects excellent; 10 more deaths from *mahamari*; health good; cattle-disease decreasing; prices decreasing.
Rae Bareli („ 7th)	Sadr, 2·10; Dalman, 5·0; Digbijaiganj, 1·0; Salon, 1·10.	*Kharif* crops promising; cholera still hanging about; some cattle-disease in tahsil Dalman; prices slightly falling.
Lucknow („ 8th)	Sadr, 2·70; Maliabad, 1·20; Mohanlalganj, 1·10.	*Kharif* prospects favourable; weeding going on; more rain wanted for rice crops; prices steady; cholera increasing in district and city.
Partabgarh („ „)	Good rain, 1·45 at Sadr; Ratti, 2·80.	Prospects much improved; general health good; slight cholera at Ratti.
Cawnpore („ „)	Average over 1·30	Weather clear again; crops flourishing; weeding operations in progress; cholera continues in three parganas; prices slightly risen.
Sitapur („ „)	Sidhauli, 2·30; Misrikh, 1·80.	Rain has greatly benefited the crops; Sitapur and Biswan still much need rain; cholera increasing; slight cattle-disease in two tahsils; supplies sufficient. * * * *
Farukhabad („ „)	General rain throughout the district.	More rain required; prices steady; markets well supplied; a few cases of cholera reported from Aligarh, otherwise health good.
Fyzabad („ „)	3·10	Prospects favourable; a little cholera still continues in city and district; cattle-disease in tahsil Akbarpur.
		General Remarks.—Good rain throughout the province, but more is still required in Benares, Allahabad, Sitapur, Farukhabad, and Meerut; *kharif* prospects generally favourable; prices rising slightly in Gorakhpur, Cawnpore, and Saharanpur, elsewhere stationary or falling; cholera continues, and slight fever has appeared in Meerut and Bareilly; cattle-disease continues in Oudh, but is decreasing in Kumaun.
Punjab—(Aug. 8th)		
Delhi ...	1·50	*Kharif* prospects good; health good; slight rise in prices of wheat and gram.
Hissar ...	No rain	*Kharif* sowings continue; health good; prices steady.
Umballa ...	0·20	*Kharif* sowings nearly finished; health good; prices stationary.
Jullundur ...	No rain	Health good; prices steady.
Amritsar ...	4·40	*Kharif* sowings continue; health good; prices steady.
Sialkot ...	0·50	Health good; prices stationary.
Lahore ...	0·50	Health good; prices stationary.
Ferozepore ...	1·80	*Kharif* sowings finished; health good; prices steady.
Mooltan ...	No rain	*Kharif* crops good; health good; prices steady.
Rawalpindi ...	1·50	Rinderpest in Rawalpindi tahsil and measles in Pindigheb nearly disappeared; *kharif* crops good; prices steady.
Dera Ismail Khan ...	0·30	*Kharif* prospects good; health good; prices steady.
Peshawar ...	No rain reported	*Kharif* sowings completed; health fair; prices stationary.
		General Remarks.—Rain has fallen in the Delhi, Amritsar, Sialkot, Lahore, Ferozepore, Rawalpindi, and Dera Ismail Khan districts; rinderpest in Rawalpindi tahsil and measles in Pindigheb have nearly disappeared; health good; prices steady.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Central Provinces—		
Nagpur (Aug. 9th)	·11	Weeding operations being vigorously prosecuted; cholera spreading in district; prices steady.
Jubbulpore („ 8th)	3·72	Crops suffering from rain; break needed; cholera abating; small-pox prevalent; prices stationary.
Saugor („ 7th)	9·12	Break wanted; slight damage to crops; cholera reported; prices show a tendency to rise.
Seoni („ 8th)	1·50	Weather cloudy; weeding and ploughing progressing; cholera increasing; cattle-disease declining; isolated cases of small-pox; prices stationary.
Khandwa („ „)	1·8, showery	Weeding operations progressing; small-pox reported; wheat 14 seers per rupee.
Hoshangabad („ „)	3·99	Break needed; cholera and small-pox reported; wheat 15 seers per rupee.
Raipur („ 5th)	1·49, slight showers	Weather cloudy; weeding operations going on; crops doing well; fever prevalent; few cases cholera; prices rising; rice 31 seers per rupee.
Sambalpur („ 3rd)	2·43, occasional showers.	Weather close; prospects of crops good; fever slightly prevalent; rice 56 seers per rupee.
		General Remarks.—Weather cloudy, with slight showers; in some districts heavy rain; break much needed for weeding operations; prospects of *kharif* crops favourable; cholera still reported; prices continue stationary.
British Burma— (Aug. 9th)		
Akyab ...	13·81	Total rainfall 148·89; cholera in township; 10 deaths from small-pox in one township, otherwise public health good; cattle-disease severe in one township; sowings nearly completed.
Rangoon ...	6·33	Total rainfall 50·35; seven fatal cases of cholera, otherwise public health good; ploughing completed; crops sown; progress favourable.
Bassein ...	6·79	Total rainfall 74·18; several deaths from cholera in one township, otherwise public health good; cattle-disease prevalent in two townships; ploughing and planting out progressing.
Prome ...	1·77	Total rainfall 22·85; cholera still sporadic in district, but no heavy outbreaks reported; 3 deaths in Prome town; cattle-disease still about; late rains have done much good, and ploughing is reported as progressing; one township still suffering from want of rain.
Amherst (Moulmein) ...	13·51	Total rainfall 126·59; cholera in one township, otherwise public health good both in Moulmein and district; cattle-disease reported in three townships; sowings still progressing.
Toungoo ...	3·94	Total rainfall 50·41; public health good; some cattle-disease in one township.
		General Remarks.—Cholera in Akyab, Tharrawaddy, Prome, and Thyetmyo, and several cases in a few other districts, otherwise public health good; cattle-disease continues; more rain in Prome and Thyetmyo, but not yet enough for all parts of those districts; cultivation prevented in portions of Thonegwa by floods and excessively high tides; agricultural operations generally going on well.
Assam—(Aug. 9th)		
Gauhati ...	8·13	Transplanting operations which were at a standstill recommenced; public health fair; cattle-disease reported from interior.
Sylhet ...	7·83; rain general	Great efforts being made to make up for lost time; some kinds of *aus* paddy being harvested; nip has appeared in tea.
Cachar ...	3·43	Weather cloudy; prospects of tea, *dumahi*, and *murali* crops satisfactory; transplanting *sali* crop continues; common rice $25\frac{3}{8}$ seers per rupee; public health good; death of 6 cows by cattle-disease reported from Lakhimpur.
Dibrugarh ...	3·79	Weather hot; harvesting *aus* paddy; more rain wanted for transplanting of *sali* crop; district healthy.
Mysore and Coorg— (Aug. 2nd)		
Bangalore ...	2·33	Standing crops in good condition; sowing of *ragi*, *dhal* and *hollar* continues; prospects of season fair; public health good.
Mysore ...	·69	Crops in good condition; health good.
		General Remarks.—Rain has fallen copiously in the Kolar, Anumkur, Shooga, and Kadur districts, moderately elsewhere; standing crops generally in good condition in parts of the Hassan and Shimoga districts; crops somewhat injured from excessive rain; sowing operation in active progress; prospects very good; fever, dysentery, and diarrhœa prevalent in parts; prices stationary.
Mysore and Coorg— (Aug. 9th)		
Bangalore ...	1·38	Standing crops are thriving; prospects favourable.
Mysore ...	·93	Crops flourishing.
Mercara ...	9·66	Rain continues; fair weather needed; rice being transplanted; *ragi* doing well; public health and prospects of season good; prices stationary.
		General Remarks.—Rain continues to fall generally throughout the Mysore State; wet cultivation in some parts requires more water, while at others excessive rain has done some damage and is retarding the transplanting of seedlings; in Kolar the rain has been scanty; crops generally in good condition and prospects are favourable; small-pox, fever, and murrain prevail in many places; prices satisfactory.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Berar & Hyderabad— (Aug. 9th)		
Amráoti ...	1·35	Cotton and *kharif* crops in good condition; prices—wheat 11 and *juari* 30 seers per rupee.
Akola ...	1·72	*Kharif* crops promising; weeding begun.
Hyderabad ...	·20	*Kharif* crops in good condition; *rabi* sowings postponed on account of breaks in weather; prices—wheat 16, common rice $10\frac{1}{4}$, white *juari* $25\frac{1}{4}$, yellow *juari* 30, and *tur* 26 seers per current sicca rupee.
Central India States— (Aug. 9th)		
Indore ...	·28	There has been a very seasonable break which has revived agricultural prospects for the *kharif*; prices are steady; health good.
Morar (Gwalior) ...	·22	Health and prospects good.
Sutna ...	1·0	
Rutlam ...	.....	No report received.
Neemuch ...	2·98	Health good; crops thriving.
Goona ...	2·45	Health good; prospects fair.
Bhopal ...	4·5; light continuous rain.	Prospects good; some cholera exists.
Agar ...	No rain	Prospects good; cholera at Sitaman.
Nowgong ...	4·92	Health and prospects good; prices stationary.
Manpur ...	1·0	*Juari* and *makka* crops estimated at 8 annas in the rupee; health good; prices unchanged.
Rajputana—		
Abu (Aug. 9th)	3·70	High variable winds; weather cloudy.
Sirohi („ 6th)	1·60	Tanks, wells, health, and prospects good.
Marwar („ 4th)	1·73	Four months' water in tanks by recent rains; health good; rising crops excellent; prices falling slowly; weather still cloudy.
Meywar („ 5th)	1·41	Tanks and wells good; health fair; prospects favourable.
Harowti („ „)	Deoli, 1·87; Tonk, 1·66.	Cholera still prevalent at Tonk, otherwise health fair; prospects favourable.
Jhallawar („ 2nd)	1·88	Violent thunderstorms; health good.
Ajmere („ 8th)	.....	Break in weather continues; cholera disappearing, but slight small-pox in Beawar and Todghur; cattle-disease has appeared in last two tahsils; sowing continues.
Jeypore („ „)	0·13	Prices steady; cholera is slightly on the increase in the city.
Bhurtpore ...	.....	No report received.
Ulwur (Aug. 8th)	.....	Break in rain would have been more beneficial but for strong south-west winds; fever and a few cases of cholera reported; prices—wheat, barley, and gram slightly rising, and *bajra* and *juari* steady.
Nepal—		
Katmandu (Aug. 3rd)	1·68	Hot and oppressive weather for the past week; the prospects of the rice crop are so far good.

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Extract from the Proceedings of the Government of India, in the Revenue and Agricultural Department (Exhibitions),—dated Simla, the 28th July 1882.

READ—

Report on the Melbourne International Exhibition of 1881, by James Inglis, Esq., Executive Commissioner of India.

Read also—

Note by E. C. Buck, Esq., President, Melbourne Exhibition Committee.

RESOLUTION.

THE papers cited above describe the share taken by the Government of India in the Melbourne Exhibition of 1880, and the efforts made in connection with this event to establish closer trade relations between India and Australia. They also contain an interesting account of the commercial wants and resources of the latter country, from which the probabilities in favour of a more extensive trade with India may be estimated.

2. The Melbourne Exhibition, as the Report points out, was the first one in which the Government of India took part with the distinct purpose of turning it to practical use. In this connection it is important to note the difference between the functions discharged at such industrial gatherings by

the Government of India and by the Governments of European countries. A European Government may take part in an Exhibition with very little expense and trouble. It may depute an officer to represent it and to arrange the court, but it has little or no concern with the articles exhibited. Private enterprise does all the rest, as the commercial value of an Exhibition is fully recognised among all trades and industries. On the Government of India, however, the whole weight of an Exhibition, from purchasing the exhibits in India to finally disposing of them, falls. Private trade, if left to itself, would do nothing. It results from this that, if the arts and industries of India are to be worthily represented at a foreign Exhibition, the Government of India is put to much greater expense and trouble than the case often justifies.

3. The inertness of Indian trade, the desirability of finding new outlets for it, and the inordinate expense involved in exhibiting its capacities to foreign nations suggested the line of action adopted at the Melbourne Exhibition. It is unnecessary to recapitulate Mr. Inglis' account of the measures taken in Calcutta and Melbourne by the representatives of the Indian Government to draw the two countries together, and excite a mutual interest in their respective capabilities. The establishment of the Tea Syndicate through the agency of the Calcutta Chamber of Commerce was one of the happiest incidents, and the trade organisation thus formed is not unlikely to have a very important effect on the future development of Indo-Australian commerce. A large market for Indian teas has been opened in Australia, and this will lead to the closer commercial relations and improved communications which the report shows to be required.

4. The net expenditure by the Government of India amounted to nearly Rs. 37,000, exclusive of the Rs. 10,000 placed at the disposal of the Tea Syndicate. To the Government exhibits were added the articles contributed by private Indian firms, and a collection of Indian jewelry sent for sale under a Government guarantee. The aggregate value, however, was insignificant in the comparison with the wealth displayed by other countries. The articles exhibited by English firms were valued at three-quarters of a million sterling, while Germany sent upwards of £60,000 worth of jewelry alone. The sales of Indian articles appear from the report to have been small. The probable explanation is to be found in the comparatively high prices asked for Indian art-ware, and in the obvious defects of Indian manufactures. The universal complaint of "want of finish" is noteworthy. It applies equally to the texture of tasar cloths, to the packing and preparation of Indian teas, and to the "drums" in which Indian oils find their way to the Australian market. These defects it is beyond the power of Government to remove, and they constitute a real obstacle to the export of Indian manufacture and raw products even under the most favourable conditions.

5. The prospects of a reciprocal trade between India and Australia are fully summarised in the report. In addition to the tea, jute and rice trades, there appears to be a growing demand in Australia for Indian coffee, spices, oils, and cotton goods. Australia on her side can offer copper, horses, hops, wool, fruit, dairy produce and flour, and possibly ghí. The elements of a very extensive trade can hardly be said even to exist at present, but the increased activity it has shown since the Melbourne Exhibition justifies the action taken by the Indian Government, and encourages the hope that with increased mutual knowledge and more direct steam communication the commercial intercourse between the two countries will improve.

6. The remarks prefixed by Mr. Buck to Mr. Inglis' report are mainly confined to practical suggestions for the management of future Exhibitions, so far as India is concerned. The Government of India concurs in the general tendency of these suggestions, and will see that the experience acquired at Melbourne is not lost. The Government of India also desires to express its fullest acquiescence in the principle stated in paragraph 15 of Mr. Buck's memorandum. The peculiar difficulties which the Government of a backward country like India have to encounter in taking part in a foreign Exhibition, and the disproportionate expenditure involved, have already been mentioned. It is incumbent on the Government of India, should it decide on appearing at any other Exhibitions, to turn the opportunity to practical ends similar to those aimed at at the Melbourne Exhibition.

The thanks of the Government of India are due to Mr. J. Inglis, the Indian Commissioner at Melbourne, for his interesting and valuable report, and for the energy with which he has performed his arduous and important duties; also to Mr. E. C. Buck and to Mr. J. E. O'Conor, the officers who were selected to represent this Government in Australia—the former of whom, with praiseworthy zeal, devoted a great portion of his furlough to furthering the interests of the Indian Section of the Exhibition. The Government of India also desires to commend the services of Messrs. H. H. Locke, J. L. Kipling, C. Browning, the officers who superintended the collection of exhibits in the several Provinces. The kind assistance given by Sir Herbert Sandford, the representative of Great Britain, to the representatives of this country will be acknowledged through the Secretary of State.

ORDER.—Ordered, that a copy of this Resolution be printed and distributed with the Report on the Melbourne Exhibition, and published in the *Gazette of India* for general information.

T. W. HOLDERNESS,

Offg. Under Secretary to the Government of India.

Printed and Published for the GOVERNMENT OF INDIA *at the* GOVERNMENT CENTRAL BRANCH PRESS, *Simla.*

SUPPLEMENT TO

The Gazette of India.

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OFFICIAL PAPERS.

A SUPPLEMENT *to the* GAZETTE OF INDIA *will be published from time to time, containing such Official Papers and information as the Government of India may deem to be of interest to the Public, and such as may usefully be made known.*

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GOVERNMENT OF INDIA.

DEPARTMENT OF FINANCE AND COMMERCE.

REPORT ON THE OPERATIONS OF THE CURRENCY DEPARTMENT FOR THE YEAR 1881-82.

No. 120, dated Calcutta, the 5th August 1882.

From—The Head Commissioner of the Department of Issue,
To—The Secretary to the Government of India, Department of Finance and Commerce.

I HAVE the honour to submit the report upon the operations of the Currency Department for the year 1881-82.

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OFFICERS IN CHARGE.

2. Except for the last three days of the year, Mr. J. Westland was Head Commissioner.

Messrs. E. Gay, E. T. Atkinson, and A. C. Tupp were Commissioners in Bombay from 1st to 17th April, 18th April to 24th December, and 25th December to 31st March 1882, respectively, and Mr. H. F. Clogstoun was Commissioner in Madras during the whole year.

ABOLITION OF NAGPUR AND OTHER SUB-CIRCLES.

3. A notable event in the history of the year is the abolition of the sub-circles of circulation at Nagpur, Akola, and Coconada. The permanent circulation at these circles was very small: about six lakhs for Nagpur and three or four for each of the other two; but after the cotton season at Nagpur and Akola, and the export season at Coconada, it was liable to swell to very high figures, and has been over thirty lakhs at each place. The excess over the above-stated minima of six and three lakhs was practically the excess of funds held by the public and the trading classes after the close of the local trading season, which they desired to remove elsewhere, and which might therefore be expected at any time to come in for payment, the law obliging us to prepare to meet the notes both at the sub-circles themselves and at the head offices. This arrangement, however convenient for the local public, was hardly a legitimate burden upon the general currency reserve; and after consulting the Local Governments and commercial authorities it was determined to suppress the local circulation. Nagpur and Akola are now parts of Bombay Circle, and Coconada part of Madras Circle, without any special privileges in the way of double encashment of their notes.

4. The issue of notes at the suppressed sub-circles was discontinued on 15th August 1881, but the offices remained open for encashment of notes up till 31st December. Between these dates the gross circulation diminished from 2,491, 2,442, and 1,665 thousands, to 480, 270, and 286, and a new arrangement was now made. An encashing agency was established at which was placed a treasure chest containing the necessary reserve funds; the agent cashed out of his own resources all local notes brought to him, and recouped himself when he wished by presenting his notes to the currency officer for encashment out of the reserve chest. The Banks of Bengal and Madras were good enough to undertake the "encashing agency" at Nagpur and Coconada respectively, and at Akola it was managed by the local treasury.

5. The separate accounts of the sub-circles were maintained till March 31st, when their balances, both of circulation and of reserve, were transferred to the respective head circle accounts.

6. Currency agencies have, however, been established at all three places for issue and encashment of notes. These differ from sub-circles, chiefly in respect of their being under no legal obligation to issue or to encash, and they practically merely supplement the funds available at the local treasuries for meeting the public convenience in respect of demand for notes or for encashment of them. The funds which they hold, notes and cash together, have a definite limit, so that if the demand for notes exceeds that for encashment, or *vice versâ*, by the amount of the limit, the operation automatically ceases.

PROPOSED BURMA CURRENCY CIRCLE.

7. An attempt was made during the year to legislate for the introduction of a currency circle in Burma. As the law at present stands, no local currency can be introduced in Burma without the condition that the notes shall also be encashable in Calcutta; and the circumstances of the Burma trade are such as to render it impossible to work a currency that is subject to this condition. The object of the legislation was therefore to enable the department to extend its operations to Burma without making them subject to this condition.

8. In the Bill brought before Council for this purpose, opportunity was taken to introduce, at the same time, an amendment of the bullion clauses of the law; which enable the importer of silver to obtain coin immediately out of the currency reserve, whereas the latter can recoup itself only as fast as the Mint can coin. Certain objections were raised to the proposed amendment of the law on behalf of the importers of bullion; these objections are now under consideration. Meantime preparations are being made to open a Currency Department in Burma as soon as the law renders it possible.

ACCOUNTS AND AUDIT.

9. The monthly audits of the accounts have been duly reported, for each office, to the Comptroller General, and the following special audits have also been made:—

Accounts of	Auditing officer.	Date of report.	Period under Audit.
Calcutta . . .	Inspector of Local Accounts.	27th April 1882 .	Jan. to Dec. 1881.
Madras . . .	Ditto ditto .	14th January 1882 .	Ditto.
Calicut . . .	Dr. Cline, Asst. Acct. Genl., Madras.	19th April 1882 .	Sept. 1880 to April 1882.
Bombay . . .	Inspector of Local Accounts.	4th February 1882.	Jan. to Dec. 1881.

The sub-circles of the Bombay circle have not been specially audited owing to the difficulty found in deputing an officer from Bombay for the purpose, but the accounts of the Akola and Nagpur sub-circles for the months of January, February, and March last have been audited by Assistants to the Accountant General, the accounts for those months having been prepared in the head office owing to the abolition of the sub-circles.

CIRCULATION.

10. The following figures show the state of the *net* circulation:—

	Gross Circulation.	Retired by other offices.	Net Circulation.
1st April 1881	13,81,82,675	41,65,310	13,40,17,365
31st March 1882	14,43,08,415	52,36,635	13,90,71,780

It must be explained that a note is in "gross circulation" when it is not yet returned to the original office of issue, but if it has meantime been paid off by another office of issue, and is held by it pending return to the original office of issue, then it has ceased to be in "net circulation," though it is still part of the gross circulation.

11. The details of the net circulation of March 31st, 1882, are as follows:—

	Number of Notes for Rupees.								Total.	
	5	10	20	50	100	500	1,000	10,000	Pieces.	Value.
Calcutta . . .	265,616	929,483	336,807	47,672	105,874	13,461	17,484	1,480	1,717,777	6,88,04,550
Allahabad . . .	13,574	19,889	14,841	11,577	13,175	1,141	5,607	2	79 806	86,57,430
Lahore . . .	15,909	34,698	20,429	12,880	12,200	3,546	2,443	49	101,954	78,95,105
Bombay . . .	124,420	447,462	89,878	53,370	64,963	4,933	10,106	638	795,790	3,50,13,580
Kurrachee . . .	7,486	23,900	9,699	5,486	6,480	753	1,309	...	55,063	30,73,210
Madras . . .	35,219	55,345	31,463	23,246	60,650	4,451	1,499	250	212,123	1,48,10,605
Calicut . . .	8,064	8,772	4,818	3,628	5,120	139	70	26	30,637	13,17,300
Total for Mar. 31st, 1882	470,288	1,519,549	507,935	157,659	268,432	28,404	38,488	2,395	2,993,150	13,90 71,780
Total for Mar. 31st, 1881	429,075	1,425,995	530,582	164,592	261,008	28,362	42,100	1,638	2,883,442	13,40,17,365
Total for Mar. 31st, 1880	418,930	1,383,504	478,469	164,288	271,233	28,069	39,966	874	2,785,333	12,35,77,270

The comparison shows an increase of 11½ lakhs in five and ten-Rupee notes, and of 76 lakhs in ten-thousand-Rupee notes, against a decrease of 36 lakhs in thousand-Rupee notes.

12. From these figures it will be found that the average value of each note in circulation on the last day of the year compared with the past two years was—

	1879-80.	1880-81.	1881-82.		1879-80.	1880-81.	1881-82.
Calcutta Circle . .	36	39	40	Nagpur Circle . .	56	93	...
Allahabad ,, . .	64	85	108	Kurrachee ,, . .	60	66	56
Lahore ,, . .	52	67	72	Madras ,, . .	62	62	69
Bombay ,, . .	56	44	44	Calicut ,, . .	36	61	43
Akola ,, . .	61	109	...	Coconada ,, . .	158	115	...

The chief variation is in Allahabad, and is due to the fact that its circulation was larger in 1882 than 1881 by about twenty lakhs of thousand-Rupee notes, a circumstance which arises out of certain transactions of the Bank of Bengal.

13. The variations in the net circulation of each circle are shown in the following table, omitting 000 :—

Last day of	Calcutta.	Allahabad.	Lahore.	Bombay.	Akola.	Nagpur.	Kurrachee.	Madras.	Calicut.	Coconada.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
March 1881. .	656·54	66·76	86·52	313·50	17·07	14·26	34·35	119·55	17·78	13·84	1340·17
April „ . .	597·25	49·02	96·02	309·53	17·27	13·62	33·63	136·16	16·07	17·02	1285·58
May „ . .	600·41	40·60	97·81	337·84	22·48	16·16	31·74	122·14	15·54	16·26	1300·99
June „ . .	639·19	51·34	91·85	365·36	22·46	19·72	34·13	113·29	17·27	17·42	1372·03
July „ . .	652·70	47·24	88·84	372·35	22·31	23·46	39·32	125·06	14·59	18·40	1404·28
August „ . .	673·68	67·38	77·80	397·17	9·73	15·63	31·66	128·87	12·67	7·96	1422·56
September „ . .	628·25	84·45	78·62	371·16	5·35	11·31	34·42	123·20	13·48	4·54	1354·77
October „ . .	639·25	68·82	74·08	377·93	4·54	8·44	32·40	118·97	11·85	3·33	1339·11
November „ . .	630·20	83·43	74·16	334·52	3·24	7·30	32·69	121·92	17·09	2·91	1307·46
December „ . .	635·57	82·04	75·23	322·32	2·57	4·60	40·07	129·42	20·12	2·79	1314·75
January 1882 .	654·58	98·69	74·11	337·68	2·07	3·17	30·44	119·06	16·90	2·45	1339·13
February „ . .	686·80	106·76	73·41	320·31	1·77	2·71	28·41	135·62	16·02	2·36	1374·16
March „ . .	688·01	86·58	73·95	345·89	A1·64	A2·62	30·73	146·04	13·17	B2·07	1390·70
Average of last 12 figures.	643·82	72·20	81·32	340·34	9·62	10·78	33·31	126·64	15·36	8·12	1350·46
Average of 1880-81	654·06	53·48	92·55	333·78	23·42	24·34	34·61	123·49	14·78	11·78	1366·20
Average of 1879-80	626·56	47·92	65·49	325·36	19·80	20·04	26·72	119·01	18·01	10·92	1279 83

(A) Circulation transferred to Bombay on March 31st, 1882.
(B) Ditto ditto Madras ditto.
The figures are more fully given in Statement No. I.

14. On these the following remarks are offered :—

First, for Calcutta, I show for the last two years the figures of the circulation (in lakhs of Rupees) excluding the Reserve Treasury of Government—

Last day of	1880-81.	1881-82.	Last day of	1880-81.	1881-82.
April	563	580	October . . .	665	556
May	539	566	November . . .	745	531
June	586	569	December . . .	728	533
July	567	590	January . . .	644	536
August	540	527	February . . .	579	543
September . . .	585	591	March	587	549

In the last two years the conclusion from the figures thus compiled was "a low range of circulation from April to September, a sudden increase of over 1½ crores in the opening of the cold weather, and a rapid diminution in February." And I attributed these features chiefly to the preparations of the Banks for the cold weather trade, and their subsequent withdrawals of silver for the Burma and other inland trade.

In 1881-82, however, money was for several reasons so dear that the Banks did not prepare their supplies for the cold weather till the demand was upon them, and we find therefore a pretty equable circulation throughout the year.

15. In Bombay the same feature appears as did last year, the circulation outside the reserve treasury rising from 299 in April to 345 in September and November, and then diminishing to 315 in March. A sudden break in the regularity of these figures occurs in the temporary reduction of the circulation, on October 1st, to 309, and is due to the Bank of Bengal exchanging about 20 lakhs of Bombay notes, at Allahabad, for Allahabad notes, thus effecting a remittance from Bombay to Calcutta.

16. The Madras circulation fell from March (115 lakhs) till October (99 lakhs) and then rose till March (126 lakhs)—the same features as were exhibited last year.

17. The following figures show, in lakhs and thousands, the gross circulation in the head circles of notes not exceeding Rs. 100 each :—

Last day of	Calcutta.	Bombay.	Madras.
April 1881.	289·54	148·38	77·01
May „	280·07	153·05	72·58
June „	270·99	153·68	69·38
July „	275·11	153·77	67·96
August „	278·39	159·24	69·71
September „	302·22	154·57	66·77
October „	292·20	162·87	66·94
November „	294·11	159·77	69·80
December „	298·15	160·85	73·77
January 1882	301·24	157·90	75·76
February „	305·94	158·27	82·84
March „	304·73	159·16	86·86

But for the exceptional figure of September, these figures shew as last year a tendency to a minimum about September.

ANALYSIS OF CIRCULATION.

18. The following statement analyses the outstanding on 31st December 1881 by years of issue. As explained in former reports, the amount thus shown is necessarily much greater than the circulation of the date in question, as it includes, among other things, balances of notes held in the currency offices themselves for issue to the public :—

Outstanding of Notes.

Calendar year of issue.	Amount issued in official year.	Value outstanding on 31st December 1880.	Value outstanding on 31st December 1881.
	Rs.	Rs.	Rs.
1862	[illegible]	[illegible]	[illegible]
1863	4,75,91,000	1,17,250	1,10,540
1864	4,53,00,110	(a) 1,22,450	1,19,430
1865	10,10,04,920	1,07,340	1,02,540
1866	26,80,12,150	1,31,930	1,22,630
1867	33,06,49,710	1,65,810	1,29,290
1868	44,00,78,020	2,52,010	1,91,820
1869	49,34,48,480	2,04,000	2,00,750
1870	56,63,62,620	4,10,990	3,43,390
1871	62,25,21,200	3,84,940	3,77,400
1872	57,39,09,525	4,50,885	4,17,140
1873	61,69,24,575	7,08,475	5,80,195
1874	68,25,78,760	9,33,140	7,98,575
1875	62,69,70,815	13,75,040	10,91,920
1876	78,77,51,185	18,73,895	11,45,410
1877	99,52,50,980	33,82,000	18,73,510
1878	86,09,06,930	51,93,050	30,03,440
1879	81,51,93,855	1,79,04,540	59,04,540
1880	85,23,94,490	13,18,09,910	2,19,68,375
1881	71,74,55,450	.....	13,15,58,530
Total .	.....	16,58,73,095	17,03,31,085

(a) Corrected since last year's report by addition of 4,260.

THE RESERVE.

19. The value held against the net circulation upon 31st March 1882 was as follows:—

	Rs.	A.	P.			
SILVER COIN—						
At Calcutta	1,54,31,038	2	7			
„ Allahabad	1,24,39,855	0	0			
„ Lahore	1,61,70,955	0	0			
„ Bombay, including Nagpur and Akola	1,23,41,217	0	0			
„ Kurrachee	37,22,285	0	0			
„ Madras, including Coconada	82,84,105	0	0			
„ Calicut	10,17,095	0	0			
				6,94,06,550	2	7
SMALL SILVER COIN—						
At Bombay	1,00,000	0	0			
„ Kurrachee	40,400	0	0			
„ Madras	11,40,000	0	0			
				12,80,400	0	0
SILVER BULLION—						
At Calcutta	31,02,035	15	1			
„ Bombay	52,82,828	0	0			
				83,84,863	15	1
Invested in Government Securities	.....			5,99,99,965	14	4
TOTAL, AGREEING WITH THE NET CIRCULATION				13,90,71,780	0	0

20. The half-yearly verifications of the above coin and security balances were held as follows:—

	1st half.	2nd half.
CALCUTTA	Feb. 4, 1882	April 29, 1882
Allahabad	Sept. 22, 1881	March 31, „
Lahore	„ 28, „	„ 31, „
BOMBAY	„ 12, „	April 4, „
Kurrachee	„ 30, „	March 31, „
Nagpore	„ 22, „	*
Akola		*
MADRAS	Oct. 5, „	April 1, „
Calicut	Sept. 30, „	„ 14, „
Coconada	„ 29, „	*

* Abolished.

21. The verifications, so far as regards the coin at head-quarters, were all conducted by officers appointed by the Local Government, except at Calcutta, where the officer is appointed by the Comptroller General; and the coin at agencies is certified by the district officers in whose charge it is; but the verification is defective in the following respects:—

(1) Rupees 20,46,000, in transit from Kurrachee to Bombay, was not verified otherwise than by the counting after it arrived.

(2) The encashing chests in the suppressed circles of Nagpur and Akola (Rs. 4,21,295), appear to have been overlooked in the verification.

THE INVESTMENT.

22. Since last report the Investment Account has increased thus:—

	Stock certificate of 4 per cent. of 1842-43.	Purchase price.
Last year's report	6,24,62,900	5,99,24,184 2 4
Purchased on 15th December	74,800 at Rs. 1-5 premium	75,781 12 0
	6,25,37,700	5,99,99,965 14 4

being within 35 Rupees of the legal limit of six crores.

23. The new purchase was as soon as convenient converted into the same form in which we hold the rest of the investment, and the whole is at present

in my custody in the form of certificates of book debt of the Public Debt Office, namely:—

	Rs.	
No. 59 of 4 per cent. Loan of 1842-43 for	5,00,00,000	
„ 72 „ „ „	1,00,00,000	
„ 73 „ „ „	24,62,900	
„ 92 „ „ „	74,800	
		6,25,37,700

The book-value of the whole investment is Rs. 95·94 per cent.

PROFITS OF CIRCULATION.

24. Our account with the Treasury was clear at the date of last year's report. Since then there has fallen due—

	Rs.	A.	P.
A year's interest on Rs. 6,24,62,900	24,98,516	0	0
Interest from 15th December till 1st February, 1 month 16 days, on Rs. 74,800	382	5	0
Total due to Treasury	24,98,898	5	0
TOTAL PAID TO TREASURY	24,98,898	5	0

TRANSACTIONS WITH THE PUBLIC.

Issue and Receipt of Notes.

25. The following are the gross statistics of the year, the details by circle being shown in statement VI:—

	Rs.	Rs.
Gross circulation, April 1881	...	13,81,82,675
ISSUES—		
a—Over the counter	67,74,03,020	
b—At Agencies	77,17,075	
c—In remittance transactions	3,17,02,820	
		71,68,22,915
TOTAL		85,50,05,590
RECEIPTS—		
d—Over the counter	56,32,79,438	
e—At Agencies	78,93,940	
f—From other currency circles	9,68,73,650	
g—For cash from encashing office	1,15,535	
h—In remittance transactions	4,45,34,615	
		71,06,97,175
Balance, being gross circulation, March 31st, 1882 (*vide* para. 10)		14,43,08,415

EXPLANATIONS.

a and *d*—These are the ordinary issues and receipts in exchange for other notes or for coin.

b and *e*—These are exchange transactions with treasuries, as the agencies do not deal direct with the public, but only enable the treasuries to do so to a greater extent than would otherwise be the case.

f—This figure represents notes cashed at other currency circles from March 16th, 1881, to March 15th, 1882, and returned during the year under report to the circles to which they belong.

g—Is explained in connection with the abolition of the Nagpur, Akola and Coconada sub-circles (para. 4).

c and *h*—These remittances are for the most part payments and receipts of one currency office, in consideration of receipts or payments at another.

COMPARISON—	Issues. Rs.	Receipts. Rs.
1881-82	71,68,22,915	71,06,97,175
1880-81	85,23,94,490	84,04,84,390
1879-80	81,51,93,855	80,79,23,265

26. It is in the "over the counter" transactions that there has been less activity than last year, and it is probably connected with the feature remarked on in paragraph 14—the greater equalness observable in the circulation throughout the year.

27. The aggregate issues and receipts of the several denominations of notes at both offices of issue and agencies during the year were as follows :—

	Number of Notes for Rupees								Total.	
	5	10	20	50	100	500	1,000	10,000	Number.	Value.
Issues	747,597	2,754,372	1,001,018	355,053	720,117	136,765	334,664	17,369	6,066,875	71,68,22,915
Receipts	706,303	2,659,262	1,022,912	362,058	713,104	136,245	337,639	16,494	5,954,017	71,06,97,175
More issues	41,294	95,110	...	...	7,013	520	...	775	144,712	98,68,870
„ receipts	...	...	21,894	7,005	...	...	2,955	...	31,854	37,43,130

28. So far as regards the three head offices, the average number of notes that passed over the counters on each working day during the past three years, and the daily average of cancellations during the same period, has been—

	Notes cashed.			Notes issued.			Notes cancelled.		
	1879-80.	1880-81.	1881-82.	1879-80.	1880-81.	1881-82.	1879-80.	1880-81.	1881-82.
At Calcutta	13,300	14,013	11,877	13,352	14,339	12,112	8,531	9,122	6,925
„ Bombay	4,567	4,932	4,625	4,709	5,265	5,111	2,381	2,624	3,118
„ Madras	1,420	1,732	1,897	1,631	1,708	1,960	927	1,360	1,559

29. The decrease in the figures of Calcutta is owing to a new practice there introduced in the month of August. The operations at the Calcutta office are divided into two parts :—

(1) Notes received from the Bank of Bengal which acts as a clearing-house for the other Banks, receiving and passing on to us the notes they receive out of general circulation, and similarly passing on new and re-issue notes to them—an operation by which the circulation of Calcutta is continually passing under the examination of our currency counters.

(2) Notes received from the rest of the public.

30. In the case of these last, the note receiver's stamp, impressed at the time of receipt at the counter, is a necessary link in tracing the history of the note, so that it was part of the system that all such notes should be cancelled and retained. Enquiry, however, showed that in the case of small notes nothing was really gained by thus preserving to the office facilities for answering enquiries about notes, and abandoning the simple rule of cancelling *all* such notes, we re-issued such as were perfectly clean. The saving (including what arises from a consequent alteration in the practice of the Bank of Bengal in its dealings with the Currency Office) is about 2,000 note-forms a day, value about fifty or sixty rupees.

The offices at Bombay and Madras have always re-issued such notes as were fit for re-issue; but they were relieved by this order from the necessity of recording in their counter registers the names of persons presenting small notes for payment.

31. I need not say we try to be particular about the cleanness of all notes given for re-issue. All attempts at forgery have been facilitated by the fact that dirty notes are in circulation, and though we cannot withdraw such notes, it is greatly to our interest to reduce the number of them as far as possible.

32. The change just noted was introduced concurrently with, and in fact partly hinged upon, another change of procedure, namely, that we refused to note stoppages against notes of 5, 10, and 20 rupees. The public, by unanimous consent, pass these from hand to hand without note or endorsement, and long experience has shown that no person ever gained the slightest advantage by our noting stoppage against them, that is, agreeing to notify to the stopper when and by whom the note was presented for encashment. We now tell people who write to stop notes of small value, that, as we are bound to pay the value of the note to bearer, we cannot take any steps to advertise or enforce their claims.

ENCASHMENT OF FOREIGN NOTES.

33. The following is the foreign note account of the circles in aggregate :—

	Rs.	Rs.
Balance held on April 1st	...	41,65,310
Received over the counter	9,58,37,875	.....
On payment of transfers or drafts issued . .	2,00,000	.....
From other circles	84,01,605	.....
At agencies	4,000	.....
		10,44,43,480
Total .		10,86,08,790
Remitted to the circles concerned		10,33,72,155
Balance held on March 31st		52,36,635
Total .		10,86,08,790

34. The following statement shows the statistics of the encashment of foreign circle notes, giving for the year an aggregate total, as just mentioned, of Rs. 9,58,37,875 :—

Statement of Foreign Circle notes cashed during the year 1881-82.

	Calcutta.	Allahabad	Lahore.	Bombay.	Akola.	Nagpur.	Kurrachee.	Madras.	Calicut.	Coconada.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Cashed by—											
Calcutta . .	...	2,03,50,360 (c)	2,07,39,130 (c)	46,20,685	48,910	1,57,870 30	5,11,290	23,02,585	5,57,635	3,33,115	4,96,15,610
Allahabad . .	26,22,950	...	2,76,670	1,15,11,860	91,160	1,08,600	1,01,060	1,51,625	3,700	95	1,47,67,080
Lahore . .	6,65,050	2,79,615	...	2,03,655	2,540	12,145	2,79,605	1,14,045	2,530	530	16,57,705
Bombay . .	39,23,710	5,16,145	23,30,510	...	24,52,030 (c)	17,55,220 (c)	44,07,195 (c)	31,11,785	6,21,565	68,455	1,92,27,615
Akola . .	...	...	...	565	...	...	...	150	...	...	715
Nagpur . .	35,710	28,675	6,275	2,10,180	10,960	...	6,450	7,475	40	130	3,05,295
Kurrachee . .	1,150	810	2,850	8,780	...	70	...	1,310	... (c)	... (c)	14,970
Madras . .	1,81,100	9,770	33,275	20,68,600	5,100	7,855	14,680	...	40,60,260 (c)	10,68,085 (c)	74,48,725
Calicut . .	42,400	3,170	4,645	4,17,205	2,580	2,995	12,325	18,16,865	...	7,125	23,09,210
Coconada . .	18,005	755	950	2,175	5	20	...	4,65,180	4,010	...	4,91,000
Total ...	73,89,075	2,12,30,800	2,34,44,105	1,89,42,705	26,16,685	20,84,205	54,32,605	79,70,430	52,49,740	14,77,525	9,58,37,875

The letter (c) marks the cases in which the foreign notes are legally encashable.

35. The comparison for three years is as follows—

Notes cashed at—	1879-80. Rs.	1880-81. Rs.	1881-82. Rs.
Calcutta	3,81,82,120	3,89,08,405	4,96,15,610
Allahabad	...	5,155	1,47,67,080
Lahore	210	...	16,57,705
Bombay	53,90,775	1,65,13,125	1,92,27,615
Akola	11,09,565	11,030	715
Nagpur	3,88,680	59,215	3,05,295
Kurrachee	13,285	27,540	14,970
Madras	1,31,97,710	50,54,520	74,48,725
Calicut	34,85,590	26,53,800	23,09,210
Coconada	9,47,900	13,55,805	4,91,000
Total .	6,26,65,835	6,45,88,595	9,58,37,875

36. Thus under the requirements of the law, the amount of notes issued by each sub-circle and cashed at its head office were in—

	1879-80.	1880-81.	1881-82.
	Rs.	Rs.	Rs.
Calcutta	85,54,265	1,96,83,500	4,11,89,990
Bombay	24,21,355	53,79,320	86,64,445
Madras	55,29,785	42,22,140	51,28,345
	1,65,05,405	2,92,84,960	5,49,82,780

37. These figures are all very much larger than those of the two preceding years. The difference arises, in a great measure, from causes external to the Currency Department—the state of the money-market, the relations between the markets at Calcutta and Bombay, the activity of trade between Calcutta and the North-West. But the increased accommodation we have given to the public in respect of foreign notes has also in part arisen from our withdrawing the prohibition laid upon the Allahabad and Lahore circles during the Afghan war of using their coin for the encashment of foreign notes.

ISSUE AND RECEIPT OF COIN.

38. The transactions in coin are as follows (for details by circles, refer to statement VII) :—

	Coin.			Small Coin.		
	Rs.	A.	P.	Rs.	A.	P.
Balance, April 1st, 1881 ...	7,20,82,955	7	7	13,99,200	0	0
RECEIPTS—						
Over the counter	11,44,07,510	0	0			
From small coin account ...	9,80,308	0	0			
At Agencies	2,39,76,841	0	0			
In remittance transactions ...	6,06,27,006	0	0			
From treasury on account of Mint certificates ...	319	1	4			
By sale of securities ...	.....					
From small coin account ...	.....			8,61,508	0	0
TOTAL RECEIPTS ...	19,99,91,984	1	4	8,61,508	0	0
TOTAL OF BALANCE AND RECEIPTS ...	27,20,74,939	8	11	22,60,708	0	0
ISSUES—						
Over the counter	11,65,94,955	0	0			
At Agencies	1,86,97,706	0	0			
In remittance transactions ...	6,64,33,066	0	0			
For Bullion and for melting fees	5,372	6	3			
To small coin account ...	8,61,508	0	0			
In purchase of securities ...	75,781	12	0			
To small coin account ...	.....			9,80,308	0	0
TOTAL ISSUES ...	20,26,68,389	2	3	9,80,308	0	0
BALANCE, MARCH 31ST, 1882 (see para. 19)	6,94,06,550	6	8	12,80,400	0	0

	Receipts.	Issues.
	Rs.	Rs.
Comparison, 1881-82 ...	19,99,91,984	20,26,68,389
1880-81 ...	21,29,05,056	19,63,95,076
1879-80 ...	25,95,14,328	24,19,97,198

39. The receipts of coin over the counter have been smaller than last year, a diminution corresponding with that observed in the case of issue of notes.

THE STATE OF THE COINAGE

40. The Government has, during the year, both pursued and further developed its policy of clearing the coin circulation of the country of shroff-marked and under-weight rupees. By Resolution No. 2432, dated 17th August 1881, it accepted, for the present, the burden of their re-coinage, encouraging holders to deliver them to treasuries and currency offices by promising credit at full weight, so as to effect a general purification of the coinage in those places, chiefly the North-West Provinces, the Punjab and Bombay, where the practice of shroff-marking had prevailed and where a large proportion of old rupees was in circulation.

41. The following figures show the receipt of such coin in the currency offices, and the figures practically include treasury receipts also, inasmuch as the treasuries are directed to pass on their receipts to the currency offices, pending their transfer to the Mint for re-coinage.

Statement of shroff-marked, notched, and otherwise defaced silver coin received during 1881-82.

	Shroff-marked.	Notched.	Otherwise defaced.	TOTAL.
	Rs. A.	Rs. A.	Rs. A.	Rs. A.
Calcutta . . .	3,793 0	...	...	3,793 0
Allahabad . . .	34,66,760 0	25 0	59 0	34,66,844 0
Lahore . . .	20,74,000 0	...	...	20,74,000 0
Bombay . . .	75,490 8	889 0	294 12	10,40,969 4
Akola . . .	41 0	163 0	25 0	234 0
Nagpur . . .	1,604 0	...	789 0	2,393 0
Kurrachee . . .	2,26,000 0	...	..	2,26,000 0
Madras . . .	5,719 0	4,29,571 2	98,118 12	5,33,408 14
Calicut . . .	5 0	14 0	20 8	39 8
	68,17,707 8	4,30,667 2	99,307 0	73,47,681 10

Allahabad disposed of its shroff-marked coin by sending 12 lakhs to the Calcutta Mint in December, but at the end of the year it held about 27½ lakhs more ready for remittance. Lahore sent 7 lakhs to the Bombay Mint in December and 13 more had in March been transferred to Bombay and was there held in readiness for the Mint. The Kurrachee receipt of Rs. 2,26,000 had also been sent to Bombay.

42. The following statement shews for the year the operation, throughout India, of the clauses of the Coinage Act which empower treasury and other officers to cut and break coin which does not come up to legal standard.

Statement showing the number of coins cut and broken under the Coinage Act in treasuries throughout India during the calender year 1881.

NAME OF PROVINCE.	Number of treasuries in which coins were cut.	Believed to have lost by reasonable wear more than 2 per cent. in weight.				Believed to be counterfeit.				Believed to have been reduced in weight otherwise than by reasonable wear.				Considered unfit for further circulation by reason of obliteration of device, or for other causes.			
		Rs.	½ Rs.	¼ Rs.	⅛ Rs.	Rs.	½ Rs.	¼ Rs.	⅛ Rs.	Rs.	½ Rs.	¼ Rs.	⅛ Rs.	Rs.	½ Rs.	¼ Rs.	⅛ Rs.
Government of India . . .	5	1,523	158	...	...	30	1	1	...	694	339	287	35	...	...	...	...
Central Provinces . . .	17	4,641	5,794	...	...	48	1	...	1	3,473	11	1	1	...	...	...	...
British Burma . . .	15	63	...	...	...	623	...	...	...	49	...	...	...	155	...	...	...
Assam	5	...	...	...	...	106	...	...	...	28	...	...	...	...	...	...	...
Bengal	44	1,191	32	30	3	1,167	34	11	16	1,265	140	49	29	...	...	...	...
N. W.-P. and Oudh . . .	42	1,17,730	4,589	...	...	590	4	5	6	4,575	322	128	178	...	...	...	...
Punjab	29	59,773	6,045	...	...	578	1	...	...	8,003	6	...	...	...	...	...	...
Madras	...	93,489	...	...	...	599	...	...	...	2,195	...	...	...	...	...	...	...
Bombay	19	70,067	4,118	3	1	997	24	7	3	2,566	2	5	3	...	...	...	...
TOTAL .	...	3,48,467	20,736	33	4	4,718	65	24	26	22,848	820	470	246	155	...	...	...

The amounts shewn in the first column of the above table were for the most part received at par under the Resolution of September above quoted.

EXCHANGE OF SMALL COIN.

43. The receipts and issues of small change at the currency offices during the year were the following :—

	Receipts.	Issues.	Net Issues.
	Rs. A.	Rs. A.	Rs. A.
Half Rupees	40,765 8	6,31,444 0	...
Quarter Rupees	51,327 8	8,55,058 0	...
One-eighth Rupees	40 900 0	6,53,002 4	...
Copper	17,714 8	1,05,255 2	...
Total	1,50,707 8	22,44,759 6	20,94,051 14
Total 1880-81	2,83,819 6	20,19,932 2	17,36,112 12

BULLION.

44. The following figures show the operation of the bullion clauses of the Currency Act, that is, the amount of bullion received by the Mint Masters on account of the currency offices at Calcutta and Bombay, for the issue of certificates payable at the currency offices in notes or coin :—

	Calcutta.	Bombay.
	Rs. A. P.	Rs. A. P.
Balance on April 1st, 1881	5,91,939 2 7	19,086 3 6
*Receipts of bullion at 979 per mille :—		
April 1881	6,750 2 0	38,580 13 8
May ,,	1,939 13 0	48,149 14 0
June ,,	1,31,531 10 0	45,903 7 11
July ,,	31,385 10 0	29,004 5 11
August ,,	4,864 5 0	45,393 7 7
September ,,	1,39,056 10 0	2,48,737 4 0
October ,,	1,89,025 7 0	2,17,855 6 0
November ,,	2,54,346 12 0	83,407 15 10
December ,,	5,151 11 0	14,60,074 14 2
January 1882	11,11,768 8 0	25,60,865 15 7
February ,,	23,56,951 4 0	41,92,864 1 1
March ,,	17,50,226 4 0	64,04,479 7 0
Total of 12 months	59,82,998 0 0	1,53,75,317 0 9
Additional, 1 per mille credited on account of melting fees paid out of Currency Reserve	4,645 2 10	9,492 2 8
Total Receipts	59,87,643 2 10	1,53,84,809 3 5
Total Receipts and Balance	65,79,582 5 5	1,54,03,895 6 11
Mint Certificates realised from Treasury	34,77,546 6 4	1,01,21,067 11 0
Balance of Bullion on 31st March 1882 (see para. 19)	31,02,035 15 1	52,82,827 11 11

45. The receipts for the last four years have been—

	Calcutta.	Bombay.	Total.
	Rs.	Rs.	Rs.
1878-79	1,33,83,139	4,64,75,139	5,98,58,279
1879 80	2,06,60,058	7,24,62,053	9,31,22,111
1880-81	56.21,217	2,55,86,599	3,12,07,816
1881-82	59,87,643	1,53,84,809	2,13,72,452

AGENCIES.

46. The following are the transactions at the agencies :—

	No. of Agencies.	Issues of notes.	Receipts of notes.
Agencies of the Calcutta Circle	15	530,500	537,950
,, Allahabad Circle	5	72,000	44,000
,, Lahore Circle	11	5,788,000	4,523,000
,, Bombay Circle	2	844,585	612,000
,, Madras Circle	2	331,990	865,990
	35	7,567,075	6,593,440

47. The following are the agencies enumerated in the above figures, the new ones being printed in italics :—

Calcutta Circle.	Allahabad Circle.	Lahore Circle.	Bombay Circle.	Madras Circle.
1. Backergunge.	1. Fyzabad.	1. Amritsar.	1. *Nagpur.*	1. *Coconada.*
2. Bhaugulpore.	2. Meerut.	2. Ferozepore.	2. *Akola.*	2. Vizagapatam.
3. Cachar.	3. Moradabad.	3. Kohat.		
4. Chumparan.	4. Roorkee.	4. Mooltan.		
5. Dacca.	5. *Agra.*	5. Peshawar.		
6. Darjeeling.		6. Rawal Pindi.		
7. Hazareebaugh.		7. Simla.		
8. Lohardugga.		8. Umballa.		
9. Monghyr.		9. *Bannu.*		
10. Moorshedabad.		10. *Jhelam.*		
11. Patna.		11. *Dera Ismail Khan.*		
12. Rajshahye.				
13. Sarun.				
14. Shillong.				
15. Sylhet.				

CLAIMS ON LOST NOTES.

48. The following is the statement of lost and mutilated notes paid during the year on bond of indemnity :—

	Nature of Loss	Number of Notes for Rupees								Number.	Value.
		5	10	20	50	100	500	1,000	10,000		Rs.
Half Notes	Lost by post	51	205	124	92	135	16	5	.....	628	85,885
	Lost accidentally	47	104	78	66	118	18	4	.....	435	80,935
	Mutilated	14	44	25	8	12	2	2	.....	102	5,360
		112	353	227	161	265	36	11	.....	1,165	72,180
Whole Notes	Lost by post	...	...	...	...	...	...	...	.....	...	...
	Lost accidentally	...	...	...	...	...	...	...	.....	...	...
	Mutilated	1	1	...	...	3	...	4	.....	9	4,315
		1	1	...	...	3	...	4	.....	9	4,315
Mismatched Notes		111	139	82	9	10	...	...	.....	351	5,035
	Total 1881-82	224	493	309	170	278	36	15	.....	1,525	81,530
	Total 1880-81	423	660	408	210	395	25	17	.....	2,137	90,[illegible]
	Total 1879-80	560	884	504	192	389	53	309	4	2,875	4,42[illegible]

* Excluding the "Vingorla" case, Rs. 3,50,000, the figure would be 93,720.

49. During the year the rules for claims on half-notes were reconsidered and revised. Formerly the claims were advertised in the Gazette, and payment made, on bond of indemnity, after two months' time; but experience led us to the conclusion that claims had been admitted, if not wrongly, at least after insufficient enquiry. We now require no advertisement, but we insist upon the claimant giving us as full evidence of his claim as he can, and if the case is accepted, the payment is ordered to be made at the end of six months if no reason to the contrary appear.

50. In the case of claims on lost notes also, the Government reconsidered its rules. The fact of the destruction being accepted, we used to pay the note, invest the amount in Government Securities, paying the interest on bond of indemnity to the claimant. Now, on the one hand, we admit the claim on the proof of extreme improbability that the note will again turn up, without insisting upon absolute proof of destruction; but, on the other hand, we hold the investment absolutely for twenty years, and then hand it over to claimant with its accrued interest on his giving a bond of indemnity.

51. Since these orders were passed a case has occurred which shows that the protection afforded by the new system is advisable.

FRAUD AND FORGERY.

52. No new cases of forgery or fraud occurred during the year, but two more notes (making 28 in all) of the J—9 series of forgeries (see para. 42 of last year's report) were presented for payment in Madras. This forgery has not yet been traced home to any person.

REMITTANCES.

53. The following are the remittances in actual coin made in the course of operations:—

	Rs.
1. Allahabad to Calcutta	36,66,000
2. Allahabad to Bombay	20,00,000
3. Lahore to Bombay	30,00,000
4. Lahore to Kurrachee and thence to Bombay	40,00,000
5. Madras to Bombay	30,00,000
6. Kurrachee to Bombay, in addition to No. 4	10,26,000
7. Nagpur to Bombay	5,00,000
8. Akola to Bombay.	12,00,000
9. Calicut to Madras	10,00,000

54. Of these, the first one and the last four may be said to have arisen from the obligation resting on each head office to cash the notes of its sub-circles, which obliges it to call in the corresponding coin if it is not able to dispose of it otherwise. The encashments of the head office were very much larger than the above figures, which must be regarded only as the balance which it was found necessary to remit in coin.

55. The large remittances from Lahore to Bombay had for their object the better distribution of coin, both currency and treasury, among the provinces. The Afghan war left us with a large hoard of coin at Lahore, gathered there to meet any emergency that might arise. It was found impossible to draw it away by bills, or by encashing foreign notes, for as soon as it went out into circulation, it was found to come back again in some form or other,—for example, Lahore notes were very largely taken by the public for coin, and remitted to Calcutta. The only way to get rid of the inconvenient accumulation at Lahore was by an actual remittance of coin; and it was sent in large quantities to Bombay, both because our reserves were weakest there, and because the remittance from Kurrachee to Bombay could be made by Government steamer.

56. The twenty lakhs remitted from Allahabad to Bombay was a further supply of the Bombay reserve out of the excess left in the Allahabad office, through large quantities of its notes being taken away for encashment at Calcutta.

57. The remittance, marked No. 5, of 30 lakhs from Madras to Bombay, was rather a treasury than a currency operation, though it was conducted by the Currency Department.

58. The remittance from Allahabad to Calcutta was made to serve the double purpose of adjusting the coin reserves, and removing from Allahabad to the Mint the shroff-marked and other defective rupees gathered in the North-West; that is, instead of making the remittance in good coin, it was made in coin which was intended to be immediately passed through the Mint. The same remark applies, in a less degree to the remittances from Lahore and Kurrachee to Bombay.

TREASURY STATISTICS.

59. The transactions in notes at the several treasuries in India during 1879-80, 1880-81 and 1881-82 have been as follows:—

	1879-80.	1880-81.	1881-82.
	Rs.	Rs.	Rs.
Receipts from the public in payment of Government dues.	4,65,63,395	7,96,68,115	8,00,32,905
Do. from the public in exchange for silver	2,90,69,610	3,84,21,600	3,21,81,910
Do. from the public for other notes	14,68,010	90,82,085	32,39,375
TOTAL RECEIPTS	7,71,01,015	12,71,71,800	11,54,54,190
Issues to the public in payment of Government dues	2,59,43,650	4,01,75,835	3,31,34,065
Do. to the public in exchange for silver	3,16 64,455	4,09,53,405	2,91,08,445
Do. to the public for other notes	14,68,010	90,82,085	32,39,375
TOTAL ISSUES	5,90,76,115	9,02,11,325	6,54,81,885

60. The total transactions in notes during the last three years have been as follows (in lakhs of Rupees):—

	1879-80.	1880-81.	1881-82.
Government of India	74	263	172
Lower Bengal	429	426	484
Assam	[illegible]	[illegible]	[illegible]
[illegible] Western Provinces and Oudh	[illegible]	[illegible]	[illegible]
Punjab	[illegible]	[illegible]	[illegible]
Madras	70	[illegible]	[illegible]
Bombay	14[illegible]	11[illegible]	[illegible]
Central Provinces	9[illegible]	9[illegible]	[illegible]
British Burma	14	12	1[illegible]
Hyderabad.	14	19	21
TOTAL	1,361	2,173	1,809

61. Statement IV classifies the Treasuries of the Government of India as follows:—

	1879-80.	1880-81.	1881-82.
Where notes were cashed throughout the year to the extent of the public demand	97	135	155
Where notes were ordinarily cashable, but not always	70	56	30
Where notes were not usually cashable	38	19	20
TOTAL No.	205	210	205

62. Statement V shews the proportion of Treasury and Bank balances which in each province was held in the form of currency notes. The state of the reserve treasuries greatly affects the comparisons in this statement. On December 31st, 1880, they held only 23 lakhs of notes and 52 of coin; on the same date in 1881, they held 142 of notes and 105 of coin.

RECEIPTS AND EXPENDITURE.

63. The receipts and expenditure of the Department is set forth in statement III. They can at present be stated only as approximate figures. I have no correction to report in the figures given under this head in last year's report; that is, though they were then given as only approximate, they were quite correct.

CONCLUSION.

64. I take the opportunity afforded by the re-arrangement of the circles of currency to shew the past history of the Department and of the circulation, in two statements which I have numbered VIII and IX.

STATEMENTS.

No.

STATEMENT of the value of Government Currency Notes in

I.

circulation throughout India during 1881-82 and previous years.

Date.	Calcutta.		Allahabad.		La
	Value of Notes in circulation.	Monthly increase + or decrease—.	Value of Notes in circulation.	Monthly increase + or decrease—.	Value of Notes in circulation.
	Rs.	Rs.	Rs.	Rs.	Rs.
March 1881	6,56,54,080		66,76,275		86,51,960
April „	† 5,97,24,680	— 59,29,400	49,01,735	— 17 74,540	96,02,485
May „	6,00,41,115	+ 3,16,435	† 40,60,575	— 8,41,160	* 97,81,405
June „	6,39,18,685	+ 38,77,570	51,34,420	+ 10,73,845	91,84,770
July „	6,52,70,425	+ 13,51,740	47,24,420	— 4,10,000	88,83,640
August „	6,73,68,235	+ 20,97,810	67,38,185	+ 20,13,765	77,80,205
September „	6,28,24,975	— 45,43,260	84,44,655	+ 17,06,470	78,62,325
October „	6,39,25,390	+ 11,00,415	68,82,320	— 15,62,335	74,07,620
November „	6,30,19,845	— 9,05,545	83,43,330	+ 14,61,010	74,15,845
December „	6,35,57,335	+ 5,37,490	82,03,775	— 1,39,555	75,23,070
January 1882	6,54,53,210	+ 18,95,875	98,68,925	+ 16,65,150	74,10,640
February „	6,86,79,995	+ 32,26,785	* 1,06,76,130	+ 8,07,205	† 73,41,255
March „	* 6,88,04,550	+ 1,24,555	86,57,430	— 20,18,700	73,95,105
Total	77,25,88,440	...	8,66,35,900	...	9,75,88,365
					Average for each
1862-63	2,42,30,000	.....	...	.....	...
1863-64	2,49,50,000	.....	...	.....	...
1864-65	2,80,55,141	.....	11,39,468	.....	7,81,033
1865-66	2,90,43,282	.....	25,51,730	.....	29,51,182
1866-67	2,83,91,438	.....	25,93,184	.....	25,00,558
1867-68	2,93,11,382	.....	32,48,513	.....	24,05,652
1868-69	3,96,45,643	.....	33,74,186	.....	25,81,546
1869-70	4,14,57,428	.....	30,97,881	.....	22,52,897
1870-71	3,50,93,392	.....	41,34,122	.....	26,74,301
1871-72	4,30,33,469	.....	36,60,324	.....	52,34,625
1872-73	4,78,04,952	.....	52,18,260	.....	47,59,828
1873-74	4,70,29,742	.....	73,86,890	.....	47,77,161
1874-75	4,84,38,619	.....	62,57,664	.....	53,43,460
1875-76	4,93,96,846	.....	69,97,957	.....	60,21,276
1876-77	4,99,71,204	.....	72,07,479	.....	62,40,332
1877-78	6,13,25,010	.....	54,65,639	.....	54,70,648
1878-79	6,43,65,560	.....	63,73,527	.....	48,60,418
1879-80	6,26,55,985	.....	47,91,777	.....	65,49,450
1880-81	6,54,05,717	.....	53,48,142	.....	92,54,536
1881-82	6,43,82,370	.....	72,19,658	.....	81,32,964
Increase + or decrease—in 1881-82 as compared with 1880-81	— 10,23,347	.....	+ 18,71,516	.....	— 11,22,172
Percentage on average circulation 1880-81	— 1·564	.....	+ 34·993	.....	— 12·126

Date.	Kurrachee.		Madras.		Cal
	Rs.	Rs.	Rs.	Rs.	Rs.
March 1881	34,34,805		1,19,55,295		17,78,450
April „	33,63,280	— 71,525	1,36,16,150	+ 16,60,855	16,06,520
May „	31,73,800	— 1,89,480	1,22,14,410	— 14,01,740	15,53,995
June „	34,13,055	+ 2,39,255	† 1,13,20,350	— 8,85,060	17,27,490
July „	39,31,835	+ 5,18,780	1,25,06,155	+ 11,76,805	14,59,450
August „	31,66,335	— 7,65,500	1,28,87,025	+ 3,80,870	12,66,650
September „	34,41,975	+ 2,75,640	1,23,19,510	— 5.67,515	13,47,935
October „	32,40,455	— 2,01,520	1,18,96,805	— 4,22,705	† 11,34,725
November „	32,68,570	+ 28,115	1,21,91,990	+ 2,95,185	17,09,125
December „	* 40,07,005	+ 7,38,435	1,29,42,375	+ 7,50,385	* 20,11,785
January 1882	30,44,245	— 9,62,760	1,19 08,300	— 10,34,075	16,90,045
February „	† 28,40,845	— 2,03,400	1,35,61,435	+ 16,53,135	16,01,985
March „	30,73,210	+ 2,32,365	* 1,48,10,605	+ 12,49,170	18,17,300
Total	3,99,64,610	...	15,21,84,110	...	1,84,27,005
					Average for each
1862-63	...	.....	41,35,714	.....	...
1863-64	...	.....	66,50,000	.....	...
1864-65	...	.....	61,26,510	.....	61,755
1865-66	9,08,721	.....	59,31,192	.....	4,21,160
1866-67	10,13,765	.....	64,40,709	.....	5,54,549
1867-68	15,90,835	.....	59,18,235	.....	5,56,109
1868-69	19.67,010	.....	66,47,963	.....	8,16,466
1869-70	24,73,060	.....	66,99,461	.....	7,70,240
1870-71	22,59,591	.....	84,15,043	.....	8,63,419
1871-72	22,33,014	.....	1,07,26,263	.....	11,96,533
1872-73	20,30,310	.....	1,02,39,740	.....	18,10,467
1873-74	21,97,823	.....	1,14,85,587	.....	22,08,618
1874-75	17,28,919	.....	86,67,423	.....	21,48,859
1875-76	17,87,612	.....	1,03,00,667	.....	25,38,768
1876-77	18,40,533	.....	1,15,28,764	.....	29,86,198
1877-78	21,98,696	.....	1,51,40,138	.....	21,89,267
1878-79	25,13,693	.....	1,27,31,634	.....	17,66,917
1879-80	26,72,268	.....	1,19,00,973	.....	18,00,536
1880-81	34,61,504	.....	1,23,49,075	.....	14,78,377
1881-82	33,30,384	.....	1,26,82,009	.....	15,35,584
Increase + or decrease—in 1881-82 as compared with 1880-81.	— 1,31,120	.....	+ 3,32,934	.....	+ 57,207
Percentage on average circulation 1880-81	— 3·788	.....	+ 2·696	.....	+ 3·869

* Highest.

Date.	Bombay.		Akola.		Nagpore.	
	Value of Notes in circulation.	Monthly increase + or decrease—.	Value of Notes in circulation.	Monthly increase + or decrease—.	Value of Notes in circulation.	Monthly increase + or decrease—.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
March 1881	3,13,50,105		17,06,840		14,25,980	
April „	† 3,09,52,875	— 3,97,230	17,26,860	+ 20,020	13,61,695	— 64,285
May „	3,37,83,790	+ 28,30,915	* 22,48,375	+ 5,21,515	16,15,885	+ 2,54,190
June „	3,65,35.545	+ 27,51,755	22,45,855	— 2,520	19,71,850	+ 3,55,965
July „	3,72,35,165	+ 6,99,620	22,30,700	— 15,155	* 23,46.040	+ 3,74,190
August „	*3,97,17,340	+ 24,82,175	9,73,250	— 12,57,450	15,62.895	— 7,83,145
September „	3,71,15,835	— 26,01,505	5,34,480	— 4,38,770	11,31,240	— 4,31,655
October „	3,77,93,305	+ 6,77,470	4,54,275	— 80,205	8,43,650	— 2,87,590
November „	3,34,52,355	— 43,40,950	3,24,055	— 1,30 220	7,30,025	— 1,13,625
December „	3,22,32,040	— 12,20,315	2,57.350	— 66,705	4,60,610	— 2,69,415
January 1882	3,37,68,255	+ 15,36,215	2,07,360	— 49,990	3,17,075	— 1,43,535
February „	3,20,30,695	— 17,37,560	† 1,77,300	— 30,060	† 2,70,910	— 46,165
March „	3,50,13,580	+ 29,82,885				
	41,96,30,780		1,13,79,860		1,26,11,875	
year from 1862-63.	1,58,28,571	.....	.....	.....	.....	
.....	2,07,25,000	.....	.....	.....	.....	
.....	3,22,83,334	.....	.....	.....	3,17,624	
.....	3,34,59,583	.....	.....	.....	16,05,322	
.....	4,69,74,592	.....	.....	.....	10,67,343	
.....	4,73,94,992	.....	.....	.....	21,23,967	
.....	4,31,09,954	.....	96,208	.....	27,42,508	
.....	4,57,24,905	.....	10,14,162	.....	25,54,187	
.....	3,88,07,454	.....	20,92,853	.....	34,50,787	
.....	4,14,52,324	.....	32,67,268	.....	30,16,843	
.....	5,15,90,469	.....	15,56,326	.....	31,66,639	
.....	3,00,27,409	.....	24,20,383	.....	31,89,530	
.....	3,01,95,336	.....	9,25,017	.....	13,74,021	
.....	3,01,31,732	.....	12,67,031	.....	19,02,068	
.....	3,29,12,099	.....	11,00,218	.....	13,68,476	
.....	3,72,82,074	.....	9,24,954	.....	8,91,702	
.....	3,34,50,668	.....	16,55,254	.....	16,73,062	
.....	3,25,36,423	.....	19,79 991	.....	20,03,965	
.....	3,33,77,982	.....	23,42,395	.....	24,34,121	
.....	3,49,69,232	.....	9,48,322	.....	10,50,989	
.....	+ 15,91,250	.....	— 13,94,073	.....	— 13,83,182	
.....	+ 4·767	.....	— 59·515	.....	— 56·822	

ICUT.	Cocoanada.		* Total.	
	13,83,575		13,40,17,365	
— 1,71,930	17,02,015	+ 3,18,440	† 12,85,58,295	— 54,59,070
— 52,525	16,25,840	— 76,175	13,00,99,190	+ 15,40,895
+ 1,73,495	17,42,285	+ 1,16,445	13.72,03,305	+ 71,04,115
— 2,68,040	* 18,39,995	+ 97,710	14.04.27,825	+ 32,24,520
— 1,92,800	7,95,845	— 10,44,150	* 14,22,55,965	+ 18,28,140
+ 81,285	4.53,800	— 3,42,045	13,54,76,730	— 67,79,235
— 2,13,210	3,32,670	— 1,21,130	13,39,11,215	— 15,65,515
+ 5,74,400	2,91,205	— 41,465	13,07,46,345	— 31,64,870
+ 3,02,660	2,79,170	— 12,035	13,14,74,515	+ 7,28,170
— 3,21,740	2,45,390	— 33,780	13,39,13,445	+ 24,38,930
— 88,060	† 2,35,745	— 9,645	13,74,16,295	+ 35,02,850
— 2,84,685			13,90,71,780	+ 16,55,485
	95,43,960		1,62,05,54,905	.....
year from 1862-63.	.....	.....	4,41,94,285	
.....	.....	.....	5,23,25,000	
.....	55,251	.....	6,88,20,116	
.....	3,75,811	.....	7,72,57,983	
.....	3,57,041	.....	8,98,93,179	
.....	3,01,163	.....	9,28,50,848	
.....	4,73,843	.....	10,14,55,327	
.....	3,46,556	.....	10,66,90,777	
.....	3,41,278	.....	9,81,32,240	
.....	3,36,779	.....	11,41.57,442	
.....	4 63,376	.....	12,86,40,367	
.....	7,28,755	.....	11,14,51,907	
.....	13,24,753	.....	10,67,04,071	
.....	25,82,664	.....	11,35,26,621	
.....	21,31,235	.....	11,64,16,538	
.....	16,14,344	.....	13,25,02,472	
.....	25,14,351	.....	13,19,05,084	
.....	10,91,665	.....	12,79,83,033	
.....	11,77,505	.....	13,66,29,354	
.....	7,95,330	.....	13,50,46,242	
.....	— 3,82,175	.....	— 15,83,112	
.....	— 32·456	.....	— 1·151	

† Lowest.

No. II.

STATEMENT of Notes issued, received, and cancelled during 1881-82.

Circles.	Nature of work.	5 Rupees.		10 Rupees.		20 Rupees.		50 Rupees.		100 Rupees.		500 Rupees.		1,000 Rupees.		10,000 Rupees.		Total.	
		No.	Value.	No.	Value.	No.	Value.	No.	Value.	No.	Value.	No.	Value.	No.	Value.	No.	Value.	No.	Value.
			Rs.		Rs.		Rs.		Rs.		Rs.		Rs.		Rs.		Rs.		Rs.
Calcutta	Notes issued	373,382	18,66,910	1,663,907	1,66,39,070	692,910	1,38,58,200	136,805	68,40,250	324,700	3,24,79,000	75,833	3,79,16,500	203,783	20,37,83,000	4,677	4,67,70,000	3,476,087	36,61,52,930
Allahabad	,,	9,960	49,800	19,575	1,95,750	15,778	3,15,560	14,241	7,12,050	21,302	21,30,200	3,104	15,52,000	23,969	2,39,69,000	143	14,30,000	108,072	3,03,54,360
Lahore	,,	23,973	1,19,865	68,522	6,85,220	44,512	8,90,240	31,874	15,93,700	32,752	32,75,200	1 ,750	73,75,000	15,011	1,50,11,000	484	48,40,000	231,878	3,37,90,225
Bombay	,,	239,342	11,96,710	809,411	80,94,110	132,581	26,51,620	87,369	43,68,450	163,681	1,63,68,100	12,591	62,95,500	64,069	6,40,69,000	9,292	9,29,20,000	1,518,336	19,59,63,490
Akola	,,	1,339	6,695	2,029	20,290	1,566	31.320	1,284	64,200	487	48,700	267	1,33,500	316	3,16,000	82	8,20,000	7.370	14,40,705
Nagpur	,,	1,497	7,485	2,010	20,100	1,740	34,800	1,807	90,350	2,401	2,40,100	286	1,43,000	773	7,73,000	140	14,00,000	10,654	27,08,835
Kurrachee	,,	6,773	33,865	23,084	2,30,840	11,032	2,20,640	6,815	8,40,750	8,209	8,20,900	1,234	6,17,000	6,250	62,50,000	1	10,000	63.398	85,23,995
Madras	,,	78,929	3,94,645	119,703	14,97,030	91,042	18,20,840	65,056	32,52,800	152,076	1,52.07,600	27,714	1,38,57,000	19,477	1,94,77,000	1,941	1,94,10,000	585,938	7,49,16,915
Calicut	,,	12,062	60,310	15,411	1,54,110	8,921	1,78,420	7, 49	3,77,450	13,243	13,24,300	787	3,93,500	762	7,62,000	388	38,80,000	69,153	71.30,390
Coconada	,,	340	1.700	690	6,900	936	18,720	2, 53	1,12,650	1,176	1,17,600	199	99,500	274	2,74,000	121	12,10,000	5,989	18,41,070
Total	...	747,597	37,37,985	2,754,372	2,75,43,720	1,001,018	2,00,20,360	355,053	1,77,52,650	720,117	7,20,11,700	136,765	6,83,82,500	334,684	33,46,84,000	17,269	17,26,90,000	6,066,875	71,68,22,915
Percentage on total issues.	...	12·32	...	45·40	...	16·5	...	5·85	...	11·87	...	2·25	...	5·52	...	·29	...	100°	...
	...	...	·52	...	3·84	...	2·79	...	2·48	...	10·05	...	9·54	...	46·69	...	24·09	...	100°
Calcutta	Notes received.	319,182	17,45,910	1,611,684	1,61,16,840	703,925	1,10,78,500	138,255	69,12,750	318,343	3,18,34,300	75,645	3,78,22,500	207,815	20,78,15,000	4,071	4,07,10,000	3,408,920	35,70,35,800
Allahabad	,,	11,088	55,440	18 537	1,85,370	15,868	3,17,360	14,630	7,31,500	20,884	20,88,400	3,455	17,27,500	21,142	2,11,42,000	161	16,10,000	105,765	2,78,57,570
Lahore	,,	25,729	1,28,645	75,761	7,57,610	51,950	10,39,000	38,571	19,28,550	38,202	38,20,200	14,135	70,67,500	14,406	1,44,06,000	538	53,80,000	259,292	3,45,27,505
Bombay	,,	219,335	10,96,675	758,846	75,88,460	136,276	27,25,520	86,567	43,28,350	160,754	1,60,75,400	12,685	63,42,500	65,409	6,54,09,000	8,914	8,91,40,000	1,448,786	19,27,05,905
Akola	,,	2,457	12,285	3,710	37,100	3,041	60,820	2,498	1,24,900	1,824	1,82,400	504	2,52,000	776	7,76,000	142	14,20,000	14,952	28,65,505
Nagpur	,,	2,541	12,705	3,304	33,040	2,999	59,980	2,730	1,36,500	3,644	3,64,400	362	1,81,000	840	8,40,000	204	20,40,000	16,624	36,67,625
Kurrachee	,,	5,822	29,110	22,526	2,25,260	10,295	2,05,900	5,730	2,86,500	7,867	7,86,700	1,303	6,51,500	6,322	63,22,000	34	3,40,000	59,899	88,46,970
Madras	,,	76,111	3,80,555	146,892	14,68,920	86,881	17,37,620	62,396	31,19,800	146,141	1,46,44,100	27,017	1,35,08,500	19,765	1,97,65,000	1,802	1,80,20,000	567,305	7,26,44,495
Calicut	,,	11,567	57,835	15,173	1,51,730	9,087	1,81,740	7,119	3,55,950	12,577	12,57,700	759	3,79,500	743	7,43 000	435	43,50,000	57.460	74.77,455
Coconada	,,	2,471	12,355	2,829	28,290	2,590	51,800	3,562	1,78,100	2,568	2,56,800	380	1,90,000	421	4,21,000	193	19,30,000	15,014	30,68,345
Total	...	706,303	35,31,515	2,659,262	2,65,92,620	1,022,912	2,04,58,240	362,058	1,81,02,900	713,104	7,13,10,400	136,245	6,81,22,500	337,639	33,76,39,000	16,494	16,19,40,000	5,954,017	71,06,97,175
Percentage on total receipts.	...	11·86	...	44·66	...	17·18	...	6·08	...	11·98	...	2·29	...	5·67	...	·28	...	100	...
	...	...	·49	...	3·74	...	2·88	...	2·55	...	10·03	...	9·59	...	47·51	...	23·21	...	100°
Calcutta	Notes cancelled.	243,256	12,16,280	921,227	92,12,270	357,212	71,44,240	90,707	45,35,350	219,427	2,19,42,700	50,643	2,53,21,500	104,333	10,43,33,000	611	61,10,000	1,987,416	17,98,15,340
Allahabad	,,	10,339	51,695	17,261	1,72,610	14,979	2 99.580	14,025	7,01,250	19,624	19,62,400	2,748	13,74 000	19,194	1,91,94,000	108	10,80,000	98.278	2,48,35,535
Lahore	,,	13,709	68,545	44.612	4,46,120	33,430	6,68,600	27,252	13,62,600	27,611	27,61,100	11,330	56,65,000	11,739	1,17,39,000	247	24,70,000	169,930	2,51,80,965
Bombay	,,	155.425	7,77,125	508,949	50,89,490	96,647	19,32,940	62,282	31,14,100	103,747	1,03,74,700	9,149	45,74,500	35,764	3,57,64,000	2,111	2,11,10,000	974,074	8,27,36,855
Akola	,,	3,340	16,700	4,574	45,740	3,890	77,800	3,095	1,54,750	2,188	2,18,800	546	2,73,000	764	7,64,000	174	17,40,0 ·0	18,871	38,90,790
Nagpur	,,	3,377	16.885	4,216	42.160	3,932	78,640	3,648	1,82,400	4,219	4,21,900	384	1,92,000	801	8,01,000	164	16.40,000	20,741	38,74,335
Kurrachee	,,	5,496	27,480	20,279	2,02,790	8,912	1,78,240	5,339	2,66,950	7,029	7,02,900	1,256	6,28,000	3,790	37,90,000	84	8,40,000	52,135	61,95,960
Madras	,,	66,291	3,31,455	127,384	12,73,840	72,451	14,49,020	46,516	23,25,800	123,034	1,23,03,400	19,369	96,84,500	10,578	1,05,78,000	655	65.50,000	466,278	4,44,96,915
Calicut	,,	10,680	53,400	13,715	1,37,150	8,150	1,63 000	6,011	3,00,550	10,812	10,81,200	502	2,51,000	325	3,25,000	407	40,70,000	50.602	63,81,300
Coconada	,,	3,507	17,535	3,914	39,140	2,848	56,960	3,534	1,76,200	2,693	2,69,300	372	1,86,000	468	4,68,000	204	20,40,000	17,530	32,58,185
Total	...	515,420	25,77,100	1,666,131	1,66,61,310	6,62,451	1,20,49 020	262,399	1,31,19,950	520,384	5,20,38,400	96,299	4,81,49,500	187,756	18,77,56,000	4,715	4,71,50,000	3,855,555	37,95,01,280
Percentage on total cancellation.	...	13·36	...	43·21	...	15·63	...	6·81	...	13·50	...	2·50	...	4·87	...	·12	...	100°	...
	...	...	·67	...	4·39	...	3·17	...	3·46	...	13·71	...	12·69	...	49·48	...	12·43	...	100°
Percentage on total cancellation on receipts.	...	72 97	...	62·65	...	58·88	...	72·47	...	72·97	...	70·68	...	55·60	...	28·58	...	64·75	58·90

Abstract of all Circles from 1861-62 to 1881-82.

Years.	Notes Issued.		Notes received.		Notes cancelled.	
	No.	Value.	No.	Value.	No.	Value.
		Rs.		Rs.		Rs.
1861-62	367,200	4,20,00,000	2,000	10,00,000	.....	.....
1862-63	295,015	2,52,55,500	82,820	1,49,55,500	52,520	1,10,05,500
1863-64	336,201	4.72,01,000	248,582	4,17,01,000	240,478	3,74,51 000
1864-65	598,260	4.53,00,110	253,708	3,37,69,900	214,290	3,15,66,660
1865-66	960,150	10.10,04,920	854,111	9,98,39,180	386,174	3,90 71,620
1866-67	1,968,688	26,80,12,150	1,917,381	25,36,97,220	835,631	7.50 95,040
1867-68	2,790,745	33,06,49,710	2,424,319	30,72,64,270	998,679	10,85,26,500
1868-69	3,117,050	44,00,73,020	2,936,353	44,69,90,180	1,553,433	14,25,85,600
1869-70	3,396,828	49,34,48,480	3,353,591	48,70,24,340	1,906,794	22,30,04,250
1870-71	3,855,477	56,63,62,620	3,728,082	56,66,28,810	2,005,842	24,79,56,750
1871-72	4,045,118	62,25,21,200	3,813,861	60.48,10,940	1,894,516	25,64,60,160
1872-73	4,480,446	57,39,09,525	4,194,129	59,96,88,825	2,150,039	25,00,27,590
1873-74	4,915,365	61,69,24,575	4,620,018	62,64,55,900	2,565,890	26,20,42,890
1874-75	5,145,682	68,25,78,760	4,762,530	63,66,57,570	3,094,083	28,68,65,125
1875-76	5,325,790	62,69,70,815	5,269,541	62,17,81,655	3,500 318	29,62,56,840
1876-77	5,777,514	78,77,51,185	5,702,046	77,87,26,475	3,661,384	37,89,18,425
1877-78	6,251,704	99,52,50,980	6,120,202	96,25,97,735	4,399,755	45,50,76,735
1878-79	5,853,587	86,09,06,930	6,036,955	90,75,19,920	4,115.911	42,84,16,310
1879-80	6,252,415	81,51,93,855	6,067,688	80,79,23,265	3,889,150	35,31,49,630
1880-81	6,731,153	85,23,94,490	6,625,315	84,04,84,390	4,172,534	38,61,13,350
1881-82	6,066,875	71,68,22,915	5,954,017	71,06,97,175	3,855,555	37,95,01,280

No.

STATEMENT of Receipts and Expenditure of the Department of

	Calcutta.	Allahabad.	Lahore.	Bombay.
RECEIPTS.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
1881-82. Interest realized on Government Securities	12,64,064 4 11	85,941 0 0	1,55,377 0 0	6,55,113 0 0
SUNDRY CASH RECEIPTS.				
Miscellaneous	153 7 3	7 4 0	80 13 6	75 9 10
Premium realized on Bills	1,625 0 0	.....	.....	.....
Value of unclaimed Currency Notes	.....	.....	174 6 0	.....
TOTAL RECEIPTS DURING 1881-82	12,65,842 12 2	85,948 4 0	1,55,632 3 6	6,55,188 9 10
DISBURSEMENTS.				
Salaries	22,500 0 0	.....	4,533 5 4	9,618 9 1
Establishment	5,947 10 5	10,901 12 10	9,030 1 3	48,401 11 6
Temporary Establishment	7,470 4 6	1,245 0 0	.....	1,374 4 8
Charges for remittances	356 15 0	8,152 13 3	.....	946 5 11
Stationery	2,166 9 0	8 13 0	.....	125 7 7
Printing Charges	1,242 12 6	.....	325 7 0	758 11 4
Service Telegrams	306 4 0	9 4 0	138 15 0	202 8 0
Purchase of Service Stamps	429 15 0	185 7 0	198 1 6	355 0 0
House, Lighting, Police and Water-Rate	4,500 0 0	.....	93 6 9	44 0 0
Cost of Note Forms	45,290 9 4	.....	.....	.....
One-third Freight on Europe Stores	.....	.....	.....	5 2 0
Pensions and Gratuities	1,213 0 0	.....	720 0 0	217 11 0
Cost of Repairs on Currency Buildings	790 0 0	.....	402 9 10	532 4 7
Cost of Chests, Bags, and Locks	7 0 0	468 12 0	279 8 0	.....
Contingencies	2,463 0 6	732 9 3	514 6 1	2,449 2 6
Travelling Allowances	.....	.....	.....	.....
Dead Stock, Cost of Office Furniture	33 0 0	50 10 6	1,247 2 0	57 8 0
Compensation for Dearness of Provisions	.....	.....	.....	.....
Discount on Bills	.....	.....	.....	.....
Commission, &c., for selling Government Securities	.....	.....	.....	.....
TOTAL DISBURSEMENTS DURING 1881-82.	1,48,717 0 3	21,755 1 1	17,482 14 9	65,088 6 2
PROFIT	11,17,125 11 11	64,193 2 2	1,38,149 4 9	5,90,100 3 8

III.

Issue of Paper Currency for the year 1881-82.

Akola.	Nagpur.	Kurrachee.	Madras.	Calicut.	Coconada.	TOTAL.
Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
3,753 0 0	7,534 0 0	60,126 0 0	2,39,784 0 0	24,016 0 0	4,990 0 0	24,98,898 4 11
116 2 1	.....	.....	351 7 5	.....	.....	784 12 1
.....	.....	.....	132 8 0	.....	.....	1,757 8 0
.....	.....	.....	1,385 0 0	.....	.....	1,559 6 0
3,869 2 1	7,534 0 0	60,126 0 0	2,41,652 15 5	24,016 0 0	4,990 0 0	25,02,999 15 0
1,100 0 0	.....	1,200 0 0	.....	1,200 0 0	990 5 1	41,142 3 6
2,661 2 0	5,236 0 0	4,474 14 10	17,427 5 11	3,248 8 0	2,374 12 0	1,63,703 14 9
19 0 0	.....	.....	.....	.....	.....	10,108 9 2
1,602 3 6	711 3 0	1,234 14 6	5,356 2 2	1,294 1 9	139 0 2	19,793 11 3
12 15 0	.....	.....	438 11 8	.....	.....	2,752 8 3
.....	10 8 3	.....	413 6 0	.....	.....	2,750 13 1
21 2 0	19 9 0	124 13 0	157 9 0	101 14 0	184 2 0	1,266 0 0
30 7 0	50 10 6	195 1 0	188 6 6	85 1 0	45 0 0	1,763 1 6
.....	36 4 0	.....	.....	.....	.....	4,673 10 9
.....	.....	.....	10,663 8 8	1,699 12 8	30 12 0	57,684 10 8
.....	.....	.....	3 4 7	.....	.....	8 6 7
333 0 2	.....	.....	746 13 0	.....	.....	3,230 8 2
1,500 15 0	.....	.....	207 4 9	.....	.....	3,433 2 2
.....	.....	.....	1,497 11 6	33 8 6	189 8 0	2,476 0 0
69 9 0	289 3 9	433 5 0	799 10 7	112 0 6	43 11 0	7,906 10 2
.....	.....	.....	54 8 8	53 5 8	.....	107 14 4
3 14 0	.....	40 4 0	528 8 1	.....	.....	1,960 14 7
.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....
7,354 3 8	6,353 6 6	7,703 4 4	38,482 15 1	7,828 4 1	3,997 2 3	3,24,762 10 11
—3,485 1 7	—619 6 6	52,422 11 8	2,03,170 0 4	16,187 11 11	992 13 9	21,78,237 4 1

No. III—

ABS

concluded.

TRACT.

	Calcutta.			Bombay	Bombay.			Madras.			Total.
	Calcutta.	Allahabad.	Lahore.		Akola.	Nagpur.	Kurrachee.	Madras.	Calicut.	Coconada.	
RECEIPTS.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
In 1861-62	...	...	...	...	...	...	...	...	...	...	...
„ 1862-63	1,52,316 10 2	...	...	...	...	...	...	...	...	...	1,52,316 10 2
„ 1863-64	3,27,731 5 4	...	...	...	...	...	...	...	...	...	3,27,731 5 4
„ 1864-65	9,69,318 4 4	...	...	5,11,746 13 6	...	...	...	1,73,913 14 10	...	...	16,54,979 0 8
„ 1865-66	6,05,285 1 8	46,281 6 0	31,484 2 0	7,95,109 3 8	...	24,409 0 7	4,637 7 9	1,64,649 0 10	3,268 2 0	3,268 2 0	16,78,391 10 6
„ 1866-67	6,91,286 13 6	49,784 0 0	31,517 0 0	7,18,935 2 1	...	24,661 0 0	23,870 0 0	1,13,995 11 4	4,400 0 0	4,400 0 0	16,62,849 10 11
„ 1867-68	5,32,863 9 9	45,617 9 4	28,944 4 9	5,69,836 0 4	...	22,653 15 1	20,677 12 5	1,16,947 14 6	4,137 1 3	4,137 1 3	13,45,815 4 8
„ 1868-69	5,81,265 0 9	49,442 8 3	37,827 13 5	6,31,697 5 10	1,409 12 0	40,186 7 0	28,822 15 1	97,413 11 8	11,963 12 11	6,943 4 9	14,86,972 11 8
„ 1869-70	6,50,288 12 3	48,310 9 8	35,133 4 11	7,13,353 15 0	15,815 9 4	39,831 13 7	38,566 11 1	1,09,154 11 1	12,011 10 11	5,404 7 2	16,67,871 9 0
„ 1870-71	5,36,277 7 6	62,787 2 7	40,616 1 1	5,89,570 14 9	31,789 4 10	52,408 15 9	34,317 10 3	1,27,803 11 10	13,113 3 5	5,183 2 9	14,93,867 10 9
„ 1871-72	5,38,378 2 9	45,512 7 6	65,087 5 3	5,15,531 10 6	40,625 3 4	37,511 6 9	27,765 4 9	1,36,489 2 10	14,877 11 0	4,187 1 3	14,25,965 7 11
„ 1872-73	8,91,423 8 3	96,879 10 9	88,368 10 6	9,57,835 13 0	28,893 15 9	58,790 4 10	37,693 12 6	1,90,126 9 9	33,612 4 0	8,602 13 0	23,92,227 6 4
„ 1873-74	10,04,194 6 0	1,56,749 4 0	1,01,370 14 0	6,37,189 0 6	51,360 4 6	67,681 7 9	46,985 0 3	2,43,722 15 9	46,866 10 3	15,464 1 6	23,71,584 0 6
„ 1874-75	11,87,241 11 6	89,036 0 0	1,10,593 7 3	6,41,707 6 4	14,195 0 0	22,097 0 0	35,660 12 0	1,99,083 3 0	49,770 0 0	20,610 0 0	23,69,994 8 1
„ 1875-76	10,92,800 4 6	1,13,676 0 0	1,28,291 10 9	6,47,519 6 6	15,595 0 0	24,389 0 0	36,340 0 0	2,08,451 8 8	55,570 0 0	44,885 0 0	23,67,517 14 5
„ 1876-77	10,74,581 8 0	1,09,322 0 0	1,34,781 10 0	6,66,207 13 8	12,831 0 0	22,046 0 0	40,050 1 6	2,50,270 5 6	39,443 0 0	19,265 14 0	23,68,799 4 8
„ 1877-78	11,80,679 7 8	1,12,726 0 0	1,11,997 10 9	6,34,205 12 10	10,150 0 0	15,514 0 0	35,533 13 0	2,91,326 0 0	37,865 0 0	19,650 0 0	24,49,647 12 3
„ 1878-79	12,35,775 6 10	85,487 2 0	94,621 11 0	6,23,910 0 4	12,875 0 0	15,584 0 0	47,607 0 0	2,30,995 8 0	27,938 0 0	20,702 0 0	23,95,495 12 2
„ 1879-80	13,93,856 3 11	99,873 6 0	1,31,198 12 3	7,19,666 3 3	23,662 0 0	29,452 0 0	54,105 0 0	2,86,993 0 8	35,592 0 0	22,427 0 0	27,96,825 10 1
„ 1880-81	12,55,051 0 0	89,304 0 0	1,69,020 0 0	6,42,830 0 0	25,542 0 0	28,167 0 0	62,088 0 0	2,05,499 0 0	22,785 0 0	14,532 0 0	25,14,818 0 0
„ 1881-82	12,65,842 12 2	85,948 4 0	1,55,632 3 6	6,55,188 9 10	3,869 2 1	5,734 0 0	60,126 0 0	2,41,652 15 5	24,016 0 0	4,990 0 0	25,02,999 15 0
Total	1,71,66,457 8 10	13,86,737 6 1	14,96,486 9 5	1,18,72,041 3 11	2,88,613 3 10	5,31,117 7 4	6,34,847 4 7	33,88,489 1 8	4,37,229 7 9	2,22,651 15 8	3,74,96,671 5 1
DISBURSEMENTS.											
In 1861-62	2,639 2 7	...	...	2,494 10 0	...	...	...	751 9 3	...	...	5,885 5 10
„ 1862-63	3,06,205 8 3	...	...	1,73,996 6 6	...	...	...	50,610 10 1	...	...	5,30,812 8 10
„ 1863-64	1,40,049 4 11	...	...	1,66,720 11 11	...	...	...	58,638 9 6	...	...	3,65,408 10 4
„ 1864-65	34,145 8 6	20,329 12 2	17,539 13 0	2,51,236 0 9	...	10,719 6 11	...	55,550 9 1	3,112 11 4	3,960 9 2	3,96,594 6 11
„ 1865-66	4,00,080 5 2	17,824 12 9	21,500 13 3	2,92,133 5 10	...	13,950 14 10	9,596 11 8	68,799 1 2	11,132 8 5	10,073 12 8	8,45,092 5 9
„ 1866-67	5,27,735 4 11	13,488 3 2	16,999 6 3	3,47,130 13 10	...	11,698 10 5	8,632 0 0	58,085 3 9	4,667 12 8	3,865 11 9	9,92,303 2 9
„ 1867-68	90,086 0 0	17,230 12 10	20,862 13 7	1,15,487 13 4	...	13,672 11 1	10,509 12 11	32,327 6 5	4,657 14 4	4,471 2 1	3,09,306 6 7
„ 1868-69	5,71,781 12 9	14,792 14 4	15,285 6 4	96,392 7 9	3,593 13 7	12,966 3 0	10,517 15 3	26,020 15 10	4,695 15 6	4,891 2 8	7,60,938 11 0
„ 1869-70	99,909 12 7	14,991 8 11	16,687 14 6	92,574 9 9	5,376 0 8	14,866 1 5	7,711 15 0	28,313 6 5	4,407 0 1	5,021 14 0	2,89,860 3 4
„ 1870-71	1,30,679 3 7	15,505 1 4	13,726 6 9	1,09,434 15 1	4,729 9 9	7,239 14 9	5,922 4 1	40,043 4 7	4,546 11 2	4,403 10 6	3,36,231 1 7
„ 1871-72	1,02,321 6 2	14,457 12 6	19,870 1 1	89,972 15 7	4,887 15 3	8,375 8 7	6,038 0 2	29,817 10 3	5,417 14 0	4,735 5 10	2,85,394 9 5
„ 1872-73	1,27,751 14 3	20,576 5 10	11,243 6 6	86,696 2 0	5,156 1 0	7,699 10 8	7,225 11 5	35,005 7 0	7,367 15 0	4,792 12 9	3,13,515 6 5
„ 1873-74	1,65,462 14 5	51,683 12 7	14,189 4 7	1,37,043 5 9	9,768 2 7	17,470 11 0	9,157 11 10	40,502 8 8	6,098 14 0	4,598 12 7	4,55,976 2 0
„ 1874-75	1,36,395 6 10	21,920 7 4	22,072 3 8	1,32,673 5 1	6,230 9 0	11,956 11 1	6,097 0 2	34,291 12 11	9,037 5 6	9,168 12 1	3,89,843 9 8
„ 1875-76	1,26,771 7 8	44,446 5 4	13,937 10 8	88,355 6 10	7,566 8 4	6,705 5 10	6,670 11 3	30,886 13 2	5,568 2 3	4,419 3 10	3,35,327 11 2
„ 1876-77	1,47,884 0 11	19,322 1 0	10,443 14 9	75,122 12 10	4,604 12 3	6,536 15 1	7,635 7 6	29,999 0 6	6,891 3 11	5,216 10 0	3,13,656 14 9
„ 1877-78	1,82,693 11 4	13,346 14 3	18,445 5 1	2,11,253 11 7	5,013 13 2	6,954 13 4	7,100 7 0	28,526 0 4	6,944 7 0	4,713 12 4	4,84,992 15 5
„ 1878-79	2,38,041 12 0	16,616 9 5	14,376 5 0	1,77,657 2 0	4,747 0 0	10,171 4 9	8,534 5 8	35,298 9 2	6,894 5 5	6,572 13 11	5,18,910 3 4
„ 1879-80	1,41,472 1 5	14,744 12 3	15,044 15 6	88,493 0 5	4,924 6 0	6,919 14 3	7,456 6 8	32,338 10 8	5,621 13 11	6,875 12 0	3,23,801 13 1
„ 1880-81	1,21,867 0 0	14,910 0 0	14,851 0 0	70,883 0 0	4,750 0 0	6,528 0 0	5,716 0 0	28,707 0 0	4,934 0 0	4,990 0 0	2,78,136 0 0
„ 1881-82	1,48,717 9 3	21,755 1 10	17,482 14 9	65,088 6 2	7,354 3 8	6,353 6 6	7,703 4 4	38,482 15 1	7,828 4 1	3,997 2 3	3,24,762 10 11
Total	39,42,690 10 6	3,67,943 3 10	2,94,559 11 3	28,70,251 3 0	78,702 15 3	1,80,786 3 6	1,32,225 12 11	7,82,997 3 10	1,09,824 14 7	96,769 0 5	88,56,750 15 1
Profit	1,33,23,766 14 4	10,18,794 2 8	12,01,026 14 2	90,01,790 0 11	2,09,910 4 7	3,50,331 3 10	5,02,621 7 8	26,05,491 13 10	3,27,404 9 2	1,27,882 15 3	2,85,69,920 6 0

No. IV.

Classification of Treasuries according to encashment of Notes.

A—Treasuries which were able throughout the year to cash Notes at all times to the extent of the public demand on them.	B—Treasuries ordinarily able to cash Notes on presentation.	C—Treasuries at which this accommodation could not usually be given.	A.	B.	C.
		INDIA.			
Coorg. Gwalior. Sambhur.	Ajmere. Indore. Nowgong (Bundlekund).	Bhopal. Beluchistan.	3	3	2
		CENTRAL PROVINCES.			
Balaghat. Betul. Bhandara. Bilaspur. Chanda. Damoh. Hoshangabad. Jubbulpore. Mundla. Narsinghpur. Nimar. Sambalpur.	Chhindwara. Raipur. Saugor. Seoni. Wardha.	*Nil.*	12	5	0
		BRITISH BURMA.			
Bassein. Henzada. Kyouk Phyoo. Maoobeng. Mergui. Prome. Shoa-Gyeen. Tavoy. Tharrawaddy. Thayetmyo. Tounghoo.	Sandoway.	*Nil.*	11	1	0
		ASSAM.			
Nil.	*Nil.*	Cachar. Darrang. Garo Hills. Goalpara (Dhubri). Kamrup. Khasi Hills. Lakhimpur. Manipur. Naga Hills. Nowgong. Sibsagar. Sylhet.	0	0	12
		BENGAL.			
Backergunge. Balasore. Bancoorah. Beerbhoom.	*Nil.*	Darjeeling.	39	0	1
		Carried over ...	65	9	15

No. IV —*continued.*

Classification of Treasuries according to encashment of Notes —continued.

A—Treasuries which were able throughout the year to cash Notes at all times to the extent of the public demand on them.	B—Treasuries ordinarily able to cash Notes on presentation.	C—Treasuries at which this accommodation could not usually be given.	A.	B.	C.
		BENGAL —*continued.*			
		Brought forward ...	65	9	15
Bhaugulpore. Bograh. Burdwan. Champarun. Chittagong. Cuttack. Dinagepore. Durbhanga. Doomka. Furridpore. Gya. Hazareebaugh. Hooghly. Jessore. Julpigoree. Lohardugga. Maldah. Maunbhoom. Midnapore. Monghyr. Moorshedabad. Mozufferpore. Mymensing. Noakhally. Nuddea. Pooree. Pubna. Purneah. Rajshahye. Rungpore. Sarun. Shahabad. Singbhoom. Tipperah. 24-Purgunnahs.					
		N.-W. PROVINCES AND OUDH.			
Aligarh. Bijnor. Budaun. Banda. Bahraich. Cawnpore. Etah. Farukhabad. Fatehpur. Fyzabad. Gorakhpur. Hamirpur. Jalaun. Jhansi. Kheri.	Azamgarh. Basti. Bulandshahar. Bareilly. Bara Banki. Etawah. Gonda. Ghazipur. Hardoi. Jaunpur. Muzaffarnagar. Mirzapur. Moradabad. Partabgarh. Rae Bareli.	Dehra Dun. Kumaun. Unao.	23	17	3
		Carried over ...	88	26	18

No. IV —*continued.*

Classification of Treasuries according to encashment of Notes —continued.

A—Treasuries which were able throughout the year to cash Notes at all times to the extent of the public demand on them.	B—Treasuries ordinarily able to cash Notes on presentation.	C—Treasuries at which this accommodation could not usually be given.	A.	B.	C.
		N.-W. Provinces and Oudh —*continued.*			
Lalitpur.	Sitapur.	Brought forward ...	88	26	18
Lucknow.	Shahjehanpur.				
Mainpuri.					
Meerut.					
Muttra.					
Roorkee.					
Saharanpur.					
Sultanpur.					
		Punjab.			
Amritsar.	*Nil.*	*Nil.*	30	0	0
Bannu.					
Dera Ghazi Khan.					
Dera Ismail Khan.					
Ferozepore.					
Gujranwalla.					
Gujrat.					
Gurdaspur.					
Gurgaon.					
Hissar.					
Hoshiarpur.					
Hazara.					
Jhang.					
Jhelum.					
Jullundur.					
Kangra.					
Kohat.					
Karnal.					
Ludhiana.					
Mooltan.					
Montgomery.					
Muzaffargarh.					
Peshawar.					
Rawalpindi.					
Rohtak.					
Sirsa.					
Sealkote.					
Shapur.					
Simla.					
Umballa.					
		Madras.			
Kistna.	Vizagapatam.	*Nil.*	13	4	0
Nellore.	Salem.				
Kurnool.	Trichinopoly.				
Bellary.	Coimbatore.				
Cuddapah.					
Chingleput.					
North Arcot.					
South Arcot.					
		Carried over ...	131	30	18

No. IV —*concluded.*

Classification of Treasuries according to encashment of Notes— concluded.

A—Treasuries which were able throughout the year to cash Notes at all times to the extent of the public demand on them.	B—Treasuries ordinarily able to cash Notes on presentation.	C—Treasuries at which this accommodation could not usually be given.	A.	B.	C.
		Madras —*continued.*			
		Brought forward ...	131	30	18
Tanjore.					
Madura.					
Tinnevelly.					
South Canara.					
Travancore.					
		Bombay.			
Ahmednagar.	*Nil.*	Kaladgi.	18	0	2
Belgaum.		Kutch.			
Colaba.					
Dharwar.					
Hyderabad.					
Kaira.					
Kanara.					
Khandesh.					
Nasik.					
Ratnagiri.					
Satara.					
Shikarpur.					
Sholapur.					
Surat.					
Thana.					
Aden.					
Baroda.					
Kathiawar.					
		Hyderabad.			
Akola.	*Nil.*	*Nil.*	6	0	0
Amraoti.					
Basim.					
Buldana.					
Ellichpur.					
Wun.					
		Total ...	155	30	20
		Total Treasuries	205		

No. V.

Statistics of Treasury and other Balances on 31st December 1881.

	Denominations of Notes.									Total.		Percentage of Notes.	
	Rs. 5.	Rs. 10.	Rs. 20.	Rs. 50.	Rs. 100.	Rs. 500.	Rs. 1,000.	Rs. 10,000.	Foreign Circle Notes.	Notes.	Cash.	Total.	Dec. 31, 1881.	Dec. 31, 1880.
Treasuries and Branch Banks.														
Calcutta Circle . .	27,875	1,57,900	1,59,700	1,42,100	7,72,000	4,39,000	7,66,000	1,02,90,000	28,570	1,27,83,145	2,11,74,204	3,39,57,349	38	22
Allahabad ,, . .	20,105	33,310	57,740	1,33,150	1,90,400	86,000	1,43,000	...	11,86,475	18,50,180	1,82,30,216	2,00,80,396	9	6
Lahore ,, . .	26,180	46,940	47,040	62,300	79,700	1,25,000	5,04,000	2,40,000	1,13,895	12,44,965	1,10,80,234	1,23,25,199	10	8
Bombay ,, . .	19,900	1,30,940	80,840	1,10,450	2,43,100	1,26,500	2,77,000	19,70,000	22,040	29,80,770	62,50,503	92,31,273	32	15
Akola ,, . .	2,395	38,140	2,280	31,450	1,29,000	38,000	23,000	3,60,000	19,880	6,44,145	18,11,492	24,55,637	26	11
Nagpur ,, . .	4,775	20,090	11,580	36,900	1,14,300	76,500	44,000	...	35,715	3,43,860	33,11,706	36,55,566	9	7
Kurrachee ,, . .	9,315	35,400	32,840	47,650	83,900	44,000	5,81,000	...	7,800	8,41,035	22,57,585	30,99,520	27	33
Madras ,, . .	23,385	51,880	42,640	54,850	2,48,700	78,500	64,000	19,00,000	19,765	24,83,720	50,42,243	75,25,963	33	11
Calicut ,, . .	8,335	16,180	17,820	23,950	37,200	12,500	11,000	...	59,965	1,86,950	16,07,950	17,94,900	10	32
Coconada ,, . .	4,440	8,560	16,060	22,850	59,400	70,500	1,20,000	2,20,000	1,83,225	7,04,835	31,04,017	38,08,852	18	10
Central India .	7,285	26,810	20,100	53,300	1,66,400	2,06,500	3,90,000	...	...	8,70,395	45,35,123	54,05,518	16	17
British Burma .	2,930	2,150	5,980	2,750	1,100	15,500	43,000	...	2,105	75,515	45,47,654	46,23,169	2	6
	1,36,950	5,68,100	4,94,620	7,21,700	21,25,200	13,18,500	29,66,000	1,49,80,000	16,79,345	2,50,10,115	8,29,52,927	10,79,63,342	23	13
Presidency Banks (Head Offices).														
Bank of Bengal .	14,090	55,540	69,240	94,150	2,63,300	3,65,000	7,58,000	4,60,000	31,60,755	52,40,075	7,87,000	60,27,075	87	89
Bank of Bombay .	29,355	1,09,610	1,02,000	2,31,950	4,49,100	3,45,500	24,65,000	6,20,000	27,945	43,80,460	22,75,235	66,55,695	66	71
Bank of Madras .	3,985	12,460	22,080	37,850	97,300	49,500	35,000	9,10,000	...	11,68,175	3,58,872	15,27,047	76	34
	47,430	1,77,610	1,93,320	3,63,950	8,09,700	7,60,000	32,58,000	19,90,000	31,88,700	1,07,88,710	34,21,107	1,42,09,817	76	81

No. VI.

Issues and Receipts of Home Notes at each Circle.

	Circles.										Total.
	Calcutta.	Allahabad.	Lahore.	Bombay.	Akola.	Nagpore.	Kurrachee.	Madras.	Calicut.	Coconada.	
Circulation on 1st April 1881 . . .	6,59,99,605	74,17,290	1,00,79,855	3,18,26,205	17,52,140	14,81,960	37,06,580	1,26,61,125	18,23,360	14,34,555	13,81,82,675
ISSUES.											
Over the Counter	35,76,22,430	3,02,82,360	2,80,02,225	17,04,74,445	14,40,705	24,58,835	76,25,995	7,13,74,565	71,30,390	9,91,070	67,74,03,020
At Agencies	5,30,500	72,000	57,88,000	8,44,585	...	...	...	3,31,990	...	1,50,000	77,17,075
In Remittance transactions	20,00,000	...	...	2,46,44,460	...	2,50,000	8,98,000	32,10,360	...	7,00,000	3,17,02,820
Total Issues .	36,01,52,930	3,03,54,360	3,37,90,225	19,59,63,490	14,40,705	27,08,835	85,23,995	7,49,16,915	71,30,390	18,41,070	71,68,22,915
Total of Balance and Issues .	42,61,52,535	3,77,71,650	4,38,70,080	22,77,89,695	31,92,845	41,90,795	1,22,30,575	8,75,78,040	89,53,750	32,75,625	85,50,05,590
RECEIPTS.											
Over the Counter	32,96,11,980	70,98,405	70,79,975	15,09,22,635	3,67,085	16,95,225	16,52,985	6,17,31,685	15,88,700	5,30,760	56,22,79,435
At Agencies	5,37,950	44,000	45,23,000	14,12,000	...	...	...	8,65,990	...	11,000	73,93,940
For Cash from Encashing Office . .	...	...	...	...	6,980	1,08,555	...	...	...	...	1,15,535
From other Currency Circles . . .	74,14,495	2,07,15,165	2,29,24,530	1,85,27,635	26,55,110	21,25,430	53,93,985	83,51,960	58,88,755	23,76,585	9,63,73,650
In Remittance transactions	1,94,67,415	...	...	2,14,22,340	...	...	18,00,000	16,94,860	...	1,50,000	4,45,34,615
Total Receipts .	35,70,31,840	2,78,57,570	3,45,27,505	19,22,84,610	30,29,175	39,29,210	88,46,970	7,26,44,495	74,77,455	30,68,345	71,06,97,175
Balance in Circulation on 31st March 1882	6,91,20,695	99,14,080	93,42,575	3,55,05,085	1,63,670	2,61,585	33,83,605	1,49,33,545	14,76,295	2,07,280	14,43,08,415
Transfer of Balances of abolished Sub-circles.	+ 3,960			+ 421,295	—163,670	—261,585		+ 207,280		—207,280	

No. VII.

Issues and Receipts of Coin at each Circle.

	Circles.								
	Calcutta.	Allahabad.	Lahore.	Bombay.	Akola.	Nagpore.	Kurrachee.	Madras.	Calicut.	Coconada.	Total.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Balance on April 1881	1,56,70,941 11 1	96,60,930 0 0	1,92,41,410 0 0	1,06,36,998 12 6	21,59,500 0 0	11,48,875 0 0	39,37,445 0 0	68,13,950 0 0	10,34,615 0 0	17,78,290 0 0	7,20,82,955 7 7
Receipts—Over the Counter	1,16,29,080 0 0	1,45,31,350 0 0	2,42,74,435 0 0	3,53,15,785 0 0	14,26,960 0 0	20,18,285 0 0	63,82,515 0 0	1,37,10,140 0 0	44,21,300 0 0	6,97,660 0 0	11,44,07,510 0 0
„ From Small Coin Account	...	...	...	5,31,508 0 0	...	...	27,800 0 0	2,56,000 0 0	...	1,65,000 0 0	9,80,308 0 0
„ At Agencies	4,89,500 0 0	5,72,000 0 0	1,76,79,766 0 0	33,34,585 0 0	...	...	...	7,65,990 0 0	...	1,35,000 0 0	2,39,76,841 0 0
„ In remittance transactions	2,76,39,960 0 0	...	81,31,766 0 0	1,55,52,640 0 0	3,85,900 0 0	5,00,000 0 0	50,00,000 0 0	32,07,280 0 0	2,00,000 0 0	10,360 0 0	6,06,27,006 0 0
„ For Mint Certificates	131 6 4	...	...	187 11 0	...	...	...	...	...	...	319 1 4
„ By sale of Securities	...	...	...	...	...	...	...	...	...	...	...
Total Receipts	3,97,58,671 6 4	1,61,03,350 0 0	5,00,85,967 0 0	5,47,34,705 11 0	18,11,960 0 0	25,18,285 0 0	1,14,10,315 0 0	1,79,39,410 0 0	46,21,300 0 0	10,08,020 0 0	19,99,91,984 1 4
Total of Balance and Receipts	5,54,29,613 1 5	2,57,64,280 0 0	6,93,27,377 0 0	6,53,71,704 7 6	39,71,460 0 0	36,67,160 0 0	1,53,47,760 0 0	2,47,53,360 0 0	56,55,915 0 0	27,86,310 0 0	27,20,74,939 8 11
Issues—Over the Counter	3,92,17,065 0 0	61,14,425 0 0	50,09,890 0 0	5,03,66,385 0 0	3,61,035 0 0	16,68,525 0 0	4,24,475 0 0	1,15,15,985 0 0	11,88,820 0 0	7,28,350 0 0	11,65,94,955 0 0
„ At Agencies	6,96,950 0 0	44,000 0 0	1,51,54,766 0 0	21,02,000 0 0	...	...	...	6,99,980 0 0	...	...	1,86,97,706 0 0
„ In remittance transactions	...	71,66,000 0 0	3,29,91,766 0 0	...	36,10,425 0 0	19,98,635 0 0	1,12,01,000 0 0	39,57,280 0 0	34,50,000 0 0	20,57,960 0 0	6,64,33,066 0 0
„ For bullion delivered and for melting fees	4,818 2 10	...	...	554 3 5	...	...	...	...	...	...	5,372 6 3
„ To Small Coin Account	...	...	...	5,65,508 0 0	...	...	...	2,96,000 0 0	...	...	8,61,508 0 0
„ In purchase of Securities	75,781 12 0	...	...	...	...	...	...	...	...	...	75,781 12 0
Total Issues	3,99,94,614 14 10	1,33,24,425 0 0	5,31,56,422 0 0	5,30,34,447 3 5	39,71,460 0 0	36,67,160 0 0	1,16,25,475 0 0	1,64,69,255 0 0	46,38,820 0 0	27,86,310 0 0	20,26,68,389 2 3
Balance of Coin, March 31st 1882	1,54,34,998 2 7	1,24,39,855 0 0	1,61,70,955 0 0	1,23,37,257 4 1	...	...	37,22,285 0 0	82,84,105 0 0	10,17,095 0 0	...	6,94,06,550 6 8

* This includes 3,960 held at Bombay.

No. VIII.

Value of Currency Notes in Circulation on the last day of each month (In Lakhs of Rupees.)

	1862-63.	1863-64.	1864-65.	1865-66.	1866-67.	1867-68.	1868-69.	1869-70.	1870-71.	1871-72.	1872-73.	1873-74.	1874-75.	1875-76.	1876-77.	1877-78.	1878-79.	1879-80.	1880-81.	1881-82.	1882-83.
April	4,10	5,13	5,68	7,48	7,02	7,84	8,92	9,80	9,65	10,13	13,34	11,01	9,27	10,75	10,73	11,13	13,30	11,27	12,89	12,86	
May	4,13	5,01	6,04	7,46	7,87	8,19	10,04	10,38	8,68	10,49	13,49	11,21	9,96	11,06	10,70	11,55	13,09	11,17	13,10	13,01	
June	4,21	5,09	5,99	8,34	8,60	8,53	10,04	10,80	8,70	10,83	13,51	11,83	10,16	11,29	11,59	12,67	13,87	11,82	13,64	13,72	
July	4,26	5,11	6,31	8,58	8,67	8,72	10,06	10,53	9,12	10,72	13,47	11,95	10,73	11,18	11,54	12,85	14,07	12,24	13,91	14,04	
August	4,28	5,16	6,37	8,69	8,48	9,39	10,13	10,21	9,45	11,29	13,22	12,05	10,87	11,19	11,91	12,15	14,27	12,74	13,75	14,22	
September	4,29	5,26	6,48	8,87	9,28	9,53	10,41	10,18	10,07	11,32	13,35	12,09	10,60	11,77	11,75	12,39	14,06	13,33	13,47	13,55	
October	4,58	5,63	7,09	7,84	10,16	9,96	10,61	10,76	10,19	11,31	13,00	12,06	10,88	12,04	11,45	13,19	13,70	13,58	13,55	13,39	
November	4,49	5,16	7,13	7,83	10,10	10,21	10,41	11,33	10,27	11,09	13,30	11,73	11,02	11,69	11,93	14,74	13,46	13,75	14,50	13,07	
December	4,52	5,11	7,48	7,40	9,96	10,32	10,30	11,31	10,35	10,87	12,88	10,91	11,08	11,22	11,97	15,05	12,69	13,80	14,38	13,15	
January	4,56	5,15	7,39	6,91	8,68	10,11	10,20	11,42	10,76	13,08	12,16	9,98	11,10	11,77	12,44	15,64	12,15	14,23	14,12	13,39	
February	4,71	5,08	7,40	6,87	8,87	9,56	10,68	10,62	10,07	12,69	11,52	9,69	11,13	11,28	12,07	14,07	12,20	13,28	13,25	13,74	
March	4,93	5,35	7,43	6,90	8,09	9,07	9,96	10,47	10,44	13,17	11,14	9,25	11,24	11,00	11,62	13,57	11,42	12,36	13,40	13,91	
Average	4,42	5,19	6,73	7,76	8,82	9,28	10,15	10,67	9,81	11,42	12,86	11,15	10,67	11,35	11,64	13,25	13,19	12,80	13,66	13,50	
Net Imports of Silver	12,55	12,80	10,08	18,67	6,96	5,59	8,60	7,33	94	6,52	71	2,49	4,64	1,55	7,20	14,68	3,97	7,87	3,89	5,38	
Net Amount borrowed in India	...	—34	—2	—99	60	79	—35	2,18	1,22	1,16	—1,51	—4	3,43	2,92	—85	3,03	3,88	4,03	3,09	2,79	
Currency Investment on 31st march	67	2,49	3,57	3,98	3,25	3,25	3,91	3,60	3,23	5,91	5,69	5,69	5,69	5,69	6,00	5,69	6,00	6,00	6,00	6,00	
Profits of Paper Currency Department	—4	...	13	8	7	10	7	14	12	11	21	19	20	20	21	20	19	25	23	22	

No. IX.

Currency Notes in Circulation in India in Lakhs and Thousands of Rupees.

Last day of	Calcutta.	Allahabad.	Lahore.	Bombay.	Akola.	Nagpur.	Kurrachee	Madras.	Calicut.	Vizagapatam.	Trichinopoly.	Total.
1871.												
January ...	391·50	65·76	36·36	391·84	25·65	32·80	24·96	89·43	9·73	3·44	4·03	1075·53
February ...	335·21	54·96	45 07	408·40	21·48	24·20	24·14	74·77	10·81	3·39	4·84	1007 33
March ...	354·30	54·38	44·80	431·94	18·73	26·53	23·20	72·77	9 83	3·73	3·48	1043·72
April ...	354·85	55·86	57·32	383·79	19·47	20·48	22·48	80·08	11·08	3·91	3·71	1013·06
May ...	364·55	33·49	40·28	435·97	37·89	29·03	21·68	118 94	11·06	3·03	3·50	1049·46
June ...	394·17	32·82	49 90	390·50	36·45	32 94	16·50	111·89	11·89	2·61	3·22	1082·95
July ...	393·42	34·48	39·25	374·12	46 75	34·23	22 28	110·98	10 57	3·10	2·90	1072·14
August ...	425·53	35·57	44·12	397·15	42·63	34·68	18·82	115·85	10·20	3·51	1·15	1129·25
September ...	418·81	31·00	46·93	404·11	41·75	41·02	20·64	110·41	10·97	3·05	3·01	1131·75
October ...	429·93	33·74	42·00	380·13	52·55	43·69	21·10	107·31	12·31	3·75	4·14	1130·71
November ...	417·78	33·60	48·84	369·88	47·76	41·69	24·27	104·41	12·58	3·82	4·09	1108·77
December ...	412·32	34·39	55·59	372·65	41·21	36·22	17 20	98·37	11·46	3·10	4·35	1086 90
1872.												
January ...	510·74	36·59	69 33	498·35	10 99	15·43	44·94	100·15	12·25	3·66	5·62	1308·11
February ...	512·58	38·31	64·76	487·59	7·04	15·89	20 63	99·15	13·62	3·39	5·64	1268·96
March ...	529·28	39·33	69·77	529·99	7·52	16·67	17·38	82·46	15·53	3·42	5·40	1316·79
April ...	520·70	33·29	55·62	568·93	12·75	16 62	16·98	84·15	16·80	3·35	4·28	1333·52
May ...	511·56	30·99	50·70	583·94	13·20	25·79	16·19	89·56	17·90	4·62	4·74	1349·23
June ...	512·37	31·45	48 09	563·70	20·08	34·65	16·69	98·00	15·68	4·66	5·39	1350·80
July ...	501·43	38·95	43·86	572·19	20·56	28·67	14·76	100 28	16 23	4·48	5·74	1347·21
August ...	473·58	42·55	50 39	554·74	21·44	30·38	20·61	100·99	16·58	5·00	6·04	1322·36
September ...	483·33	47·71	55·70	543·28	21·73	32·69	19·57	100·97	19·19	6·57	4·53	1335·31
October ...	491·36	53·24	47·40	485·48	22·37	42·12	27·66	99·67	20·63	5·40	4·42*	1299·80
										Coconada		
November ...	471·59	61·19	49·18	529·08	19·27	44·96	26·23	105·20	19·36	3·76	...	1329·86
December ...	441·51	68·26	43·59	519·88	19·29	43·70	20·38	106·60	19·96	4·34	...	1287·55
1873.												
January ...	450·53	70·71	48·92	468·89	5·53	35·18	17·59	100·59	18·60	4·07	...	1215·61
February ...	433·16	60·43	45·64	432·48	5 99	25·27	23·15	104·14	17 69	4·04	...	1152·03
March ...	445·41	87·38	37·03	368·22	4.49	19·96	23·78	103·37	18·58	5·24	...	1118·50
April ...	446·47	58·63	34·06	354 93	21·80	21·54	31·17	105·94	20·17	5·91	...	1100·66
May ...	454·59	60·51	51·23	349·10	22·78	19·57	29·70	103·16	23·21	6·67	...	1120·56
June ...	458 56	89·83	56·43	326·15	27·11	31·41	29·64	136 53	19·92	7·31	...	1182·93
July ...	457 93	83·16	58·46	316·29	37·44	41·28	21·52	151·27	20·60	7·08	...	1195·08
August ...	469·20	75·93	57 71	336·56	29·17	41·62	19·19	146·92	20·78	7 79	...	1204·92
September ...	486·53	74·99	54·23	341·70	31·53	38·67	19·51	130·87	21·68	8·92	...	1208·67
October ...	490·06	92·85	48·35	328·00	36·09	44·25	23·95	113·54	22·10	6·39	...	1205·63
November ...	495·31	87·32	45·63	305·01	32·35	45·38	26·91	100·39	27·13	7·78	...	1173·25
December ...	472 28	96·64	43·41	261·91	29·58	29·95	18·98	105·13	25·11	8·03	...	1091·07
1874.												
January ...	461·46	80·01	42·46	237·33	5·16	24·96	16·51	100·11	22·90	6·94	...	997·88
February ...	469·07	43·75	41·43	228·64	11·51	32·88	13·93	98·64	21·89	6·76		968·55
March ...	482·06	42·75	39·81	217·61	5·86	11·17	12 67	85·71	19·48	7·81	...	924·97
April ...	467·11	34·00	42·20	244·95	5·42	8 43	14·29	75·94	19·73	15·30	...	927·43
May ...	465 25	38·05	43·20	305·08	5·56	9·64	13·58	77·46	21·91	16·64	...	996·43
June ...	474·52	38 05	46·86	303·15	8·01	11·95	19·72	79·77	19·00	14·42	...	1015·49
July ...	538·74	43·71	46·58	294·71	6·72	15·57	17·42	77·71	19·27	12·91	...	1073·38
August ...	487·40	68·53	54 74	315 95	6·90	17·14	17·46	87·39	19·16	12·74	...	1087·45
September ...	451·82	71·29	56·34	319·65	8 45	16 56	17·60	86·36	20·09	11·76	...	1059·98
October ...	452 05	85·43	54·20	319·37	16·48	18·72	20·68	86·71	22·50	12·07	...	1088·26
November ...	460·83	80·23	59·17	329·13	17·10	15·07	17 23	91·68	23·56	7·87	...	1101 90
December ...	474·84	82·22	57·52	321·89	15·77	11·05	19·27	93·40	22·47	9·64	...	1108·12
1875.												
January ...	515·76	80·88	59·90	293·87	7·44	9·37	16·72	92·71	21·93	11·06	...	1109·69
February ...	505·51	67·84	59·29	304·31	5·80	19 84	16·70	95·94	22·73	14·65	...	1112·67
March ...	518·75	60·63	61·16	307·33	7·30	11·47	16·73	94·96	25·43	19·85	...	1123·64
April ...	481·64	49·01	57·79	290·27	13·18	10·65	20·12	100 39	25·52	23·82	...	1075·44
May ...	481·44	56·06	61·80	308·91	6·72	15·52	18·23	101·78	25·76	26·53	...	1105·79
June ...	488·88	64·26	58·01	309·15	12·31	16·70	17·78	107·57	25·16	28·62	..	1128·51
July ...	476·19	70·69	64·85	294·26	14·44	17·72	18·19	109·11	24·23	28·26	...	1117·99
August ...	488·57	70·70	71·11	279·20	14·03	24·73	17·10	100 07	25·44	28·21	...	1119·21
September ...	511·88	71·73	87·04	302·15	13·74	25·27	15·67	98·91	25 84	24·49	...	1176·76
October ...	510·63	81·36	79·85	330·68	15·09	27·34	17·86	95·37	23·96	21·45	...	1203·63
November ...	513·05	82 70	75·35	301·77	15·47	27·46	18·79	89·88	25·22	19·35	...	1160·08
December ...	494·77	76·16	60·23	297·53	15·39	18·94	19·03	92·38	27·42	19·70	..	1121·58
1876.												
January ...	511·47	76·75	60·04	329·15	12·53	19 24	17·76	101·61	24·07	24·35	...	1177·01
February ...	495·87	70·92	55·30	291·47	11·80	14·11	17·63	115·33	26·00	29·67	...	1128·15
March ...	470·17	69·36	63·12	281·20	7·29	10·51	16·29	120·64	25·96	35·40	...	1099·99
April ...	451·89	67·88	61·38	271·98	9·11	9·67	17·87	119·50	26·36	37·50	...	1073·19
May ...	438·33	72·20	63·65	283·49	9·31	10·76	18·94	113·12	24·71	35·83	...	1070·38
June ...	495·78	76·56	65·59	301·36	11·17	15·44	19·19	113·88	23·76	35·80	...	1158·58
July ...	478·89	76·81	64·85	315·20	15·22	15·18	17·16	113·47	23·96	33·03	...	1153·81
August ...	480·24	90·20	68·27	360·07	16·34	15·94	16·32	103·77	18·82	20·96	...	1190·98
September ...	504·96	83·19	69·87	320·46	18·68	18·31	17·40	102·22	24·62	15·44	...	1175·20
October ...	494·29	76·81	62·14	316·42	18·43	17·65	17·09	113·36	21·07	8·78	...	1145·07
November ...	494·07	72·86	62·68	354·73	12·21	15·04	18·96	133·62	20·42	8·45	...	1193·07
December ...	506·17	76·02	56·07	375·15	5·47	13·41	20 23	119·46	17·32	7·86	...	1197·19

* Trichinopoly circulation incorporated with that of Madras from November 1872.

No. IX—*continued.*

Currency Notes in Circulation in India in Lakhs and Thousands of Rupees.

Last day of	Calcutta.	Allahabad.	Lahore.	Bombay.	Akola.	Nagpur.	Kurrachee.	Madras.	Calicut.	Coconada.		Total.
1877.												
January ...	566·48	70·48	55·24	374·25	5·24	9·00	20 24	114·65	16·12	11·88	...	1243·62
February ...	540·01	58·18	63·99	356·84	5·26	13·94	20·32	116·56	17·02	14·91	...	1207·07
March ...	545·36	44·66	55·05	323·06	5·55	9·80	17·09	119·80	16·11	25·25	...	1161·78
April ...	478·19	49·57	57·43	323·54	5·17	8·00	14·39	134·44	18·79	23·48	...	1113·05
May ...	525·68	45·67	63·74	323·81	4·92	8·53	17·64	118·03	23·21	23·23	...	1154·52
June ...	576·24	47·88	57·41	361·03	16·08	10·86	19·33	138·65	21·12	18·79	...	1267·43
July ...	537·81	49·49	62·11	394 50	13·44	12·47	22·13	160·56	24·68	7·96	...	1285·20
August ...	531·67	60 06	60·67	325·86	7·89	10·84	24 92	154·87	29·90	8·69	...	1214·91
September ...	627·76	45·74	58·93	256·74	12·12	10·47	26·05	167·87	24·76	8·68	...	1239·17
October ...	581·24	63·42	58·48	344·45	14·11	10·27	24·72	184·54	25·16	9·36	...	1318·78
November ...	702·65	57·51	52·09	425·02	8·13	8·60	24·84	164·62	21·52	9·16	...	1474·21
December ...	705·61	57·55	46·18	482·45	4·11	6·28	22·04	149·91	18·09	12·35	...	1504·62
1878.												
January ...	730·40	62·42	46·16	498·15	4·10	6·93	22·88	152·96	21·24	18·28	...	1563·56
February ...	674·52	58·42	45·35	393·53	15·28	7·48	22·64	146·03	18·85	25·16	...	1407·31
March ...	684·18	58·10	47·86	344·71	5·57	6·70	22·19	144·27	15·34	28·51	...	1357·47
April ...	661·95	60·64	53·34	319·65	12·74	7·16	25·26	142·22	14 19	32·77	...	1329·94
May ...	641·18	74·61	46·31	326 39	12·25	11·03	23·26	141·89	12·84	19·31	...	1309·12
June ...	700·55	82·62	45·83	305·11	15·17	17·84	22 27	161·27	16·60	19·36	...	1386·68
July ...	724·76	77·81	43·50	304 94	16 65	25·57	22 97	146·45	20·70	23 64	...	1407·03
August ...	712·25	84·32	47 74	333·00	19 58	24·33	21·89	131·46	20·55	32·23	...	1427·40
September ...	629·05	73·60	63·01	386·22	22 65	23·32	22·23	131·91	21·63	32·40	...	1406·06
October ...	630·69	58·21	49·79	391·58	23·31	20·30	27·47	117·99	20·24	30·61	...	1370·23
November ...	618·11	38·83	47·19	411·34	23·30	19·89	30·60	106·21	19 21	31·16	...	1345·91
December ...	612·58	49·49	45·09	332·50	22·58	17·91	30·64	111·34	18·18	28·26	...	1268·61
1879.												
January ...	584·38	66·74	45·82	324·49	5·97	11·70	25·37	113·35	16·58	20·51	...	1214·97
February ...	643·83	51·16	48·53	282·91	5·92	11·07	26·59	111·98	16·31	21·92	...	1220·25
March ...	564·48	46·73	47·04	295·90	18·44	10·59	23·03	111·66	14·93	9·51	...	1142·36
April ...	537·92	47·99	48·59	318·62	7·71	10 92	20·06	109·36	17·63	8·31	...	1127·14
May ...	515·22	40·05	53·73	326·76	8·77	13·27	22 92	108·89	17·47	9·99	...	1117·12
June ...	555·94	52·00	69·30	309 18	19·98	19·58	23·86	105·95	17·32	8·95	...	1182 11
July ...	614·43	50·52	68·51	282·47	23·63	27·78	25·55	108·76	17·78	9·78	...	1224·19
August ...	660·47	48·92	68·04	264·58	26·74	33·11	26·59	121·88	19·68	9·01	...	1274·[illegible]
September ...	709·09	51·61	67·30	272·28	27·44	36·95	25·85	125·07	18·71	8·55	...	[illegible]
October ...	701·04	56·76	65·63	301·33	27·85	36·21	27·99	127·70	18·22	8·37	...	[illegible]
November ...	677·27	51·02	71·77	331·74	27·99	34·08	29·10	121·02	21·53	16·16	...	[illegible]
December ...	667·84	49·16	70·79	368·55	27·60	30·60	28·55	118·66	18·69	9·25	...	[illegible]
1880.												
January ...	710·12	50·71	64·83	391·23	14 99	16·05	26·24	123·32	14·11	11·29	...	1422·93
February ...	602·25	45·87	68·25	403·66	12·91	14·14	29·81	123·43	13·91	13·91	...	1328·19
March ...	567·08	50·14	74·24	333·97	11·93	12·63	31·15	123·99	13·19	17·41	...	1235·77
April ...	598·41	46·61	86·22	323·67	11·98	13·21	34·66	145·32	13·91	14·49	...	1288·52
May ...	594·13	45·59	84·26	338·32	14·69	23·53	29·12	149·72	14·72	15·55	...	1309·70
June ...	649·69	43·45	82 70	333·88	25·50	29·18	33·25	157·40	13·67	15·26	...	1364·03
July ...	642·81	43·01	78·98	346·46	28 26	30·96	33·79	156·02	14·45	16·40	....	1391·18
August ...	588·13	47·81	145·98	347·94	30·07	30·06	32·19	124·76	14·62	13·33	....	1374·94
September ...	626·31	50 78	86·64	355·86	29·72	29·44	35·05	103·03	16·43	13 60	...	1346·92
October ...	665·63	41·89	97·03	339·13	29·80	28·92	37·91	95·98	17·95	7·13	...	1355·43
November ...	747·71	52·26	94·69	332·28	29·81	32·15	38·26	98·53	17·12	6·95	...	1449·80
December ...	745·92	59·04	88·18	324·99	28·52	29·00	39·38	101·13	14·32	7·20	...	1437·68
1881.												
January ...	698·62	73·09	85·04	356·17	18·65	15·70	33·55	113·80	10·69	6·82	...	1412·13
February ...	654·75	71·46	94·25	299·09	16 98	15·64	33·81	116·60	11·69	10·70	...	1324·97
March ...	656·54	66·76	86·52	313·50	17·07	14·26	34·35	119·55	17·78	13·84	...	1340·17
April ...	597·25	49·02	96·02	309·53	17·27	13·62	33·63	136·16	16·06	17·02	...	1285·58
May ...	600·41	40·61	97·82	337.84	22·48	16·15	31 74	122·14	15·54	16·26	...	1300·99
June ...	639·19	51·34	91·85	365·36	22·46	19·72	34·13	118·29	17·27	17·42	...	1372·08
July ...	652 70	47·24	88·84	372·35	22·31	23 46	39·32	125·06	14·59	18·40	...	1404·27
August ...	673·68	67·38	77·80	397·17	9·73	15·63	31·66	128·87	12·67	7·96	...	1422·55
September ...	628·25	84·45	78·62	371·16	5·35	11·31	34·42	123·20	13·48	4·54	...	1354·77
October ...	639 25	68·82	74·08	377·93	4·54	8·44	32·40	118·97	11·35	3·33	...	1339·11
November ...	630·20	83·43	74·16	334·52	3·24	7·30	32·69	121·92	17·09	2·91	...	1307·46
December ...	635·57	82·04	75·23	322·32	2·57	4·60	40·07	129·42	20·12	2·79	...	1314·75
1882.												
January ...	654·53	98·69	74·11	337·68	2·07	3·17	30·44	119·08	16·90	2·45	...	1339·13
February ...	686·80	106·76	73·41	320·31	1·77	2·71	28·41	135·62	16·02	2·36	...	1374·16
March ...	688·01	86·58	73·95	345·89	1·64	2·62	30·73	146·04	13·17	2·07	...	1390·70

GOVERNMENT OF INDIA.

DEPARTMENT OF FINANCE AND COMMERCE.

SUPPLEMENT TO THE STATEMENTS OF PRICES CURRENT OF FOOD-GRAINS FOR THE 1st AND 2nd HALVES OF MAY AND 1st HALF OF JUNE 1882, PUBLISHED IN PAGES 846, 847, 892, 893, 930 AND 931 OF THE SUPPLEMENT TO THE "GAZETTE OF INDIA," DATED 10th AND 24th JUNE AND 8th JULY 1882.

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

PROVINCES.	DISTRICTS.	Wheat.			Barley.			Rice. Best sort.			Rice. Common.			Great Millet (Cholum, Jowar), *Holcus Sorghum.*			Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.*			Lesser Millets, Ragi, &c. (Kavaru, Veragoo, Sawee, Cheena, Coraloo, Murhwa, Nuglee, &c.), *Panicum Miliaceum, Eleusine Coracana,* &c.			Gram.			Firewood.			Salt. Wholesale.			Salt. Retail.		
		Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.
	1st half of May 1882.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.
	ARRACAN DIVISION.																																	
	Akyab	6 10	6 10	6 10	...	...	...	17 0	18 0	15 0	19 0	20 0	16 0	...	...	...	...	...	...	...	...	...	10 0	10 0	10 0	210 0	210 0	250 0	50 0	50 0	0 ...	40 0	40 0	30 0
	Northern Arracan	...	...	...	...	...	...	...	11 10	...	...	12 0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Kyoukpyoo	...	...	...	...	...	...	18 3	18 1	16 1	19 11	19 9	17 10	...	...	...	...	...	...	...	...	...	4 0	4 0	4 4	200 0	200 0	240 0	...	...	...	*a*	*a*	36 0
	Sandoway	...	...	...	...	...	...	...	27 7	24 0	...	33 9	28 0	...	...	...	...	...	...	...	...	...	...	...	...	...	469 11	*g*	...	...	...	...	19 0	28 0
	PEGU DIVISION.																																	
	Rangoon town and Hanthawaddy	...	16 4	16 0	...	...	...	...	15 4	12 6	...	18 3	14 2	...	...	...	...	...	...	...	...	...	20 4	26 13	...	324 0	50 0	...	50 11	45 4	...	22 10	23 3
	Tharrawaddy	...	...	...	...	...	...	16 15	16 5	9 4	31 9	17 13	12 5	...	...	...	...	...	...	...	...	...	8 15	8 5	8 9	535 11	535 11	*b*	29 12	29 12	...	18 ...	18 5	14 4
	Prome	14 9	18 3	9 0	...	...	...	16 12	16 12	13 8	17 2	19 10	14 0	...	...	...	...	...	...	...	...	...	20 12	24 4	20 0	139 11	139 11	*c*	22 4	32 4	...	18 1	18 10	28 0
	IRRAWADDY DIVISION.																																	
	Thonegwa	...	...	...	...	...	...	13 11	13 11	10 8	17 8	17 7	11 7	...	...	...	...	...	...	...	...	...	16 13	16 13	12 9	246 0	147 10	*d*	27 4	47 5	...	25 5	44 5	14 0
	Bassein	...	...	...	...	...	...	13 0	14 4	12 4	14 4	21 9	13 8	...	...	...	...	...	...	...	...	...	11 11	15 1	13 6	145 4	145 4	157 8	39 0	39 0	24 8	29 9	30 1	21 0
	Henzada	...	...	...	...	...	...	17 14	17 14	10 5	26 0	26 0	12 4	...	...	...	...	...	...	...	...	...	...	...	...	183 8	183 8	*e*	29 9	29 9	...	29 9	29 9	28 0
	Thayetmyo	15 1	15 1	10 13	...	...	...	11 11	11 11	9 12	15 9	15 9	17 8	...	...	...	...	...	...	...	...	...	14 6	14 6	18 6	245 0	245 0	250 0	25 6	25 6	22 8	18 15	18 15	21 0
	TENASSERIM DIVISION.																																	
	Moulmein town and Amherst	10 0	10 0	10 0	...	...	...	16 10	16 10	10 0	20 4	20 4	12 0	...	...	...	...	...	...	...	...	...	11 1	11 1	7 8	220 0	220 0	250 0	52 1	52 1	18 0	24 0	24 0	13 0
	Tavoy	...	...	...	...	...	...	13 12	13 12	10 15	22 14	21 0	17 3	...	...	...	...	...	...	...	...	...	...	...	...	399 3	399 3	293 0	24 2	24 2	33 5	16 1	16 1	26 11
	Mergui	...	...	...	...	...	...	17 5	17 5	13 5	21 12	21 12	17 7	...	...	...	...	...	...	...	...	...	...	...	...	428 0	428 0	428 0	36 8	36 8	34 12	29 3	29 3	26 1
	Toungoo	...	...	...	...	...	...	13 13	13 13	10 2	15 9	15 9	12 4	...	...	...	...	...	...	...	...	...	...	...	...	250 0	250 0	...	39 5	39 5	32 9	14 2	14 2	14 0
	Shwaygyin	...	...	...	...	...	...	18 5	15 12	16 0	21 5	21 12	16 4	...	...	...	...	...	...	...	...	...	12 9	12 9	10 4	24 0	24 0	303 0	27 1	32 0	18 8	18 12	15 12	18 8
	Salween	...	...	...	...	...	...	7 14	...	...	8 4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	*f*	...	...	*f*	...	...
	2nd of half May 1882																																	
	ARRACAN DIVISION.																																	
	Akyab	6 10	6 10	6 8	...	...	...	...	17 0	14 0	...	19 0	16 0	...	...	...	...	...	...	...	...	...	...	10 0	10 0	...	210 0	240 0	0 ...	50 0	...	...	40 0	30 0
	Northern Arracan	...	...	...	...	...	...	...	...	...	11 0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8 0	...	...
	Kyoukpyoo	...	...	15 12	...	...	...	...	18 0	15 12	...	19 11	17 4	...	...	...	...	...	...	...	...	...	...	4 0	4 0	...	200 0	280 0	...	...	...	...	...	*a*	36 0
	Sandoway	...	...	...	...	...	...	...	...	24 0	...	...	28 0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	28 0
	PEGU DIVISION.																																	
	Rangoon town and Hanthawaddy	...	...	16 4	...	...	...	...	...	12 8	...	...	11 13	...	...	...	...	...	...	...	...	...	...	...	20 0	...	...	323 0	...	...	50 14	...	...	23 0
	Tharrawaddy	...	...	...	...	...	...	...	16 15	9 4	...	31 9	12 5	...	...	...	...	...	...	...	...	...	...	8 15	8 9	...	535 11	*b*	...	...	...	...	18 5	14 4
	Prome	18 3	14 9	...	...	...	...	13 7	16 12	13 8	17 2	17 2	15 3	...	...	...	...	...	...	...	...	...	31 2	20 12	19 0	139 11	139 11	*c*	32 4	22 4	...	18 10	18 11	28 0
	IRRAWADDY DIVISION.																																	
	Thonegwa	...	...	...	...	...	...	13 11	13 11	...	18 6	17 7	10 8	...	...	...	...	...	...	...	...	...	22 7	16 13	12 9	246 0	246 0	*h*	39 6	27 4	...	35 7	25 5	14 0
	Bassein	...	...	...	...	...	...	17 0	13 0	10 4	20 4	14 4	11 10	...	...	...	...	...	...	...	...	...	11 11	11 11	13 8	169 11	145 4	218 4	31 0	39 0	24 12	28 4	29 9	21 3
	Henzada	...	...	...	...	...	...	17 14	17 14	11 15	26 0	26 0	15 10	...	...	...	...	...	...	...	...	...	...	...	...	183 8	183 8	183 8	32 4	29 9	...	29 9	29 9	29 10
	Thayetmyo	15 1	15 1	10 3	...	...	...	11 11	11 11	9 12	13 13	15 9	17 8	...	...	...	...	...	...	...	...	...	14 6	14 6	18 6	245 0	245 0	250 0	25 6	25 6	22 8	18 15	18 15	21 0
	TENASSERIM DIVISION.																																	
	Moulmein town and Amherst	10 0	10 0	10 0	...	...	...	12 10	16 10	10 0	20 4	20 4	12 0	...	...	...	...	...	...	...	...	...	11 1	11 1	7 8	220 0	220 0	250 0	47 7	52 1	18 0	35 8	24 0	13 0
	Tavoy	...	...	...	...	...	...	13 12	13 12	10 15	22 14	22 14	17 3	...	...	...	...	...	...	...	...	...	...	...	...	399 3	399 3	293 0	24 2	24 2	33 5	16 1	16 1	26 11
	Mergui	...	...	...	...	...	...	17 5	17 5	15 8	21 12	21 12	16 13	...	...	...	...	...	...	...	...	...	...	...	...	428 0	428 0	428 0	36 8	36 8	30 6	29 3	29 3	22 13
	Toungoo	...	...	...	...	...	...	18 5	18 5	...	21 5	21 5	...	...	...	...	...	...	...	...	...	...	12 9	12 9	...	24 0	24 0	...	27 1	27 1	...	18 12	18 12	...
	Shwaygyin	...	...	...	...	...	...	15 9	13 13	10 2	19 3	15 9	12 4	...	...	...	...	...	...	35 6	...	...	...	...	...	250 0	250 0	...	32 3	39 5	25 1	18 14	14 2	16 0
	Salween	...	...	...	...	...	...	7 14	7 14	...	8 4	8 4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	*f*	*f*	...
	1st half of June 1882.																																	
	ARRACAN DIVISION.																																	
	Akyab	6 6	...	6 8	...	...	...	15 0	...	14 8	16 0	16 0	...	...	...	...	...	...	...	...	...	...	12 0	...	10 0	180 0	...	240 0	40 0	...	...	32 0	...	108 0
	Northern Arracan	...	...	...	...	...	...	10 0	10 0	...	11 0	11 0	10 0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8 0	8 0	...
	Kyoukpyoo	...	...	...	...	...	...	18 12	...	17 4	20 4	...	18 12	...	...	...	...	...	...	...	...	...	4 0	...	4 0	200 0	...	280 0	*a*	*a*	*a*	...	...	42 0
	Sandoway	...	...	...	...	...	...	27 7	...	24 0	33 9	...	28 0	...	...	...	...	...	...	...	...	...	...	...	...	469 11	469 11	...	...	...	...	28 6	...	28 6
	PEGU DIVISION.																																	
	Rangoon town and Hanthawaddy	16 4	...	15 5	...	...	...	13 2	...	12 2	16 4	...	13 2	...	...	...	...	...	...	...	...	...	19 7	...	21 1	324 0	...	324 0	50 11	...	49 10	22 10	...	22 11
	Tharrawaddy	...	...	...	...	...	...	8 14	...	...	14 4	...	...	...	...	...	...	...	...	...	...	...	8 15	...	...	535 11	...	...	...	...	29 12	32 4	...
	Prome	18 3	18 3	...	...	...	...	13 7	13 7	...	17 2	17 2	...	...	...	...	...	...	...	...	...	...	20 12	31 2	...	139 11	139 11	...	29 9	18 10	...	18 10	39 6	...
	IRRAWADDY DIVISION.																																	
	Thonegwa	...	...	...	...	...	...	12 9	13 11	10 12	17 7	17 7	12 4	...	...	...	...	...	...	...	...	...	16 13	22 7	22 7	184 8	246 0	123 6	39 6	...	...	35 7	35 7	...
	Bassein	...	...	...	...	...	...	19 14	17 0	11 12	21 9	20 4	13 11	...	...	...	...	...	...	...	...	...	12 6	11 11	12 3	172 11	169 11	231 9	35 7	31 0	24 12	29 6	28 4	21 3
	Henzada	...	...	...	...	...	...	17 15	17 14	11 15	26 0	26 0	15 10	...	...	...	...	...	...	...	...	...	...	...	...	183 8	183 8	183 8	29 9	32 4	35 8	29 9	29 9	29 10
	Thayetmyo	10 15	15 1	...	...	...	...	11 11	11 11	...	13 13	13 13	...	...	...	...	...	...	...	...	...	...	18 7	14 6	...	245 0	245 0	...	20 13	25 6	...	14 2	18 15	...
	TENASSERIM DIVISION.																																	
	Moulmein town and Amherst	10 0	...	10 0	...	...	...	12 10	12 10	10 9	20 4	20 4	12 3	...	...	...	...	...	...	...	...	...	11 1	11 1	11 1	220 0	220 0	220 0	47 7	47 7	32 0	35 8	35 8	28 6
	Tavoy	...	...	...	...	...	...	13 12	13 12	11 4	22 14	22 14	14 0	...	...	...	...	...	...	...	...	...	...	...	...	399 3	399 3	399 3	24 2	24 2	24 2	16 1	16 1	16 1
	Mergui	...	...	...	...	...	...	17 5	17 5	15 11	21 12	21 12	18 7	...	...	...	...	...	...	...	...	...	...	...	...	428 0	428 0	428 0	36 8	36 8	24 5	29 3	29 3	20 8
	Toungoo	...	...	...	...	...	...	18 5	18 5	16 0	21 5	21 5	18 5	...	...	...	...	...	...	...	...	...	12 9	12 9	11 5	24 0	24 0	175 0	30 12	27 1	18 12	18 12	18 12	18 12
	Shwaygyin	...	...	...	...	...	...	13 13	15 9	12 2	15 9	19 3	13 13	...	...	...	...	...	...	...	...	...	...	...	...	250 0	250 0	250 0	32 3	32 3	30 12	18 14	18 14	18 14
	Salween	...	...	...	...	...	...	...	7 4	6 5	...	8 4	8 4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	*f*	13 9

a Rs. 40 per 100 maunds, *b* Re. 1 per cart-load, *c* Re. 1-8 per cart-load, *d* 100 logs, 18 inches long and 5 inches girth, for Re. 10, *e* Re. 1 for 53 billets, *f* Annas 2 per viss, *g* Rs. 2 per 100 billets, *h* Rs. 4 per 100 seers.

SUPPLEMENT TO THE STATEMENTS OF PRICES CURRENT OF FOOD-GRAINS FOR THE 2nd HALF OF JUNE AND 1st HALF OF JULY 1882, PUBLISHED IN PAGES 982, 983, 984, 985, 986, 987, 1042, 1043, 1046 AND 1047 OF THE SUPPLEMENT TO THE "GAZETTE OF INDIA," DATED 29th JULY AND 12th AUGUST 1882.

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

Districts.	Wheat.			Barley.			Rice. Best sort.			Rice. Common.			Great Millet (Cholum, Jowar), *Holcus Sorghum.*			Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.*			Lesser Millets, Ragi, &c. (Kavaru, Verugoo, Sawee, Cheena, Coraloo, Murhwa, Nuglee, &c.), *Panicum Miliaceum, Eleusine Coracana, &c.*			Gram.			Firewood.			Salt. Wholesale.			Salt. Retail.			Average wages per month.		
	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Able-bodied Agricultural Labourer.	Syce or Horse-keeper.	Common Mason, Carpenter, or Blacksmith.
2nd half of June 1882.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	Rs. A.	Rs. A.	Rs. A.	S. C.	S. C.	S. C.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Sylhet	11 12	11 12	13 0	...	...	...	17 0	17 0	16 0	35 0	35 0	31 8	...	...	...	...	...	...	...	...	...	16 8	16 0	17 0	108 0	108 0	108 0	3 6	3 6	...	11 12	11 12	8 4	9 0 0	6 to 7	12 to 30
Cachar	10 5	9 2	11 4	14 8	16 0	13 5	15 4	21 5	21 5	24 10	25 10	24 10	...	...	...	...	...	...	...	...	...	15 4	12 13	15 4	80 0	80 0	80 0	3 8	3 7	...	10 10	9 2	8 6	6 0 0	7 0 0	15 to 20
Goalpara	22 0	26 11	32 0	...	...	...	11 0	13 5	16 0	16 0	20 0	21 5	...	...	...	...	...	...	...	...	...	10 0	13 5	16 0	120 0	120 0	120 0	3 8	3 8	...	10 0	10 2	8 0	6 to 10	7 to 10	10 to 20
Garo Hills	4 0	4 0	4 0	...	...	...	5 0	5 0	5 0	14 0	18 0	18 0	...	...	...	...	...	...	...	...	...	8 0	8 0	6 8	160 0	160 0	160 0	5 6	5 6	...	6 6	6 6	5 5	7-8 to 8	7-8 to 10	7 8 0*a*
Kamrup	16 0	19 0	13 0	...	...	...	13 0	11 0	16 0	18 0	18 0	20 0	...	...	...	...	...	...	...	...	...	13 0	13 0	13 0	160 0	160 0	200 0	3 2	3 4	...	12 0	11 0	8 0	7 0 0	8 0 0	12 0 0
Darrang	...	...	...	...	...	...	10 0	10 0	8 0	16 0	16 0	16 0	...	...	...	...	...	...	...	...	...	9 0	8 9	7 9	160 0	160 0	160 0	4 8	4 8	...	8 0	8 0	6 0	7 to 11	8 to 10	8 to 20
Nowgong	...	...	...	...	...	...	13 8	13 8	10 0	16 0	16 0	16 0	...	...	...	...	...	...	...	...	...	8 0	8 0	8 0	120 0	120 0	100 0	3 12	4 12	...	9 0	8 0	8 0	8 to 10	8 to 10	8 to 30
Sibsagar	...	...	...	...	...	...	6 8	6 8	8 8	16 0	16 0	14 0	...	...	...	...	...	...	...	...	...	10 0	10 0	8 0	80 0	80 0	120 0	4 8	4 8	...	8 8	8 8	6 0	7 to 8	8 to 12	10 to 20
Lakhimpur	8 0	8 0	8 0	10 0	10 0	...	7 0	7 0	8 0	16 0	16 0	16 0	...	...	...	...	...	...	...	...	...	12 0	12 0	12 0	120 0	120 0	80 0	5 0	5 0	...	8 0	8 0	6 0	11 4 0	10 0 0	20 to 50
Khasi and Jaintia Hills	...	...	8 0	...	...	..	10 0	10 0	9 0	11 0	11 0	10 0	...	...	...	...	...	...	...	...	...	10 0	10 0	...	...	...	...	5 0	5 0	...	8 0	8 0	5 5	7 to 20	10 to 12	15 to 30
Naga Hills	...	...	...	...	...	...	5 0	5 0	4 0	8 0	8 0	...	...	...	...	...	...	...	...	...	...	2 0	2 0	3 0	120 0	120 0	120 0	13 0	13 0	...	3 0	3 0	2 8	9 to 20	9 to 10	30 to 50
Arracan Division.																												S. C.	S. C.	S. C.						
Akyab	6 6	6 6	6 8	...	...	...	15 0	15 0	14 8	16 0	16 0	16 0	...	...	...	...	...	...	...	...	...	12 0	12 0	10 0	180 0	180 0	200 0	40 0	...	...	32 0	32 0	30 0	12 to 15	10 to 12	15 to 20
Northern Arracan	...	...	...	...	...	...	10 0	10 0	...	11 0	11 0	10 0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8 0	...	36 0	...	...	...
Kyoukpyoo	...	...	...	...	...	...	19 1	18 12	17 1	20 9	20 4	18 9	...	...	...	...	...	...	...	...	...	4 0	4 0	4 0	200 0	200 0	280 0	*b*	*c*	...	...	...	42 0	10 0	10 0	30 0 0
Sandoway	...	...	...	...	...	...	27 7	27 7	27 0	33 9	33 9	33 9	...	...	...	...	...	...	...	...	...	...	...	...	469 11	469 11	469 11	...	...	...	28 6	28 6	...	12 0 0	10 0 0	15 0 0
Pegu Division.																																				
Rangoon town and Hanthawaddy	16 4	16 4	15 5	...	...	...	13 13	13 2	12 2	15 4	16 4	13 2	...	...	...	...	...	...	...	...	...	19 7	19 7	21 1	324 0	324 0	310 0	50 11	50 11	...	22 10	22 10	...	10 0 0	12 0 0	30 0 0
Tharrawaddy	...	...	...	...	...	...	14 4	8 14	13 4	17 2	14 4	15 14	...	...	...	...	...	...	...	...	...	16 5	8 14	8 8	540 11	535 11	535 11	15 10	...	...	27 7	29 12	29 14	8 0 0	14 0 0	10 0 0
Prome	18 3	18 3	14 9	...	...	...	12 12	13 7	13 7	17 2	17 2	17 2	...	...	...	...	...	...	...	...	...	17 12	20 12	20 12	139 11	139 11	139 11	29 9	29 9	29 9	18 10	18 10	18 10	15 0 0	12 0 0	30 0 0
Irrawaddy Division.																																				
Thonegwa	...	...	...	...	...	...	11 9	12 9	10 10	12 14	11 17	7 12	3	...	...	...	...	...	...	...	...	16 13	16 13	22 7	184 8	184 8	366 6	39 6	39 6	22 10	35 7	35 7	37 5	20 0 0	...	20 to 35
Bassein	...	...	...	...	...	...	19 2	19 14	12 1	22 11	21 9	13 8	...	...	...	...	...	...	...	...	...	14 0	12 6	13 0	172 11	172 11	19 6	42 8	35 7	24 12	25 6	29 6	21 12	12 0 0	15 0	40 0 0
Henzada	...	...	...	...	...	...	14 5	17 15	11 15	19 8	26 0	15 10	...	...	...	...	...	...	...	...	...	...	...	...	183 8	183 8	183 8	29 9	29 9	35 8	29 9	29 9	29 10	15 0 0	12 0 0	22 0 0
Thayetmyo	10 15	10 15	10 15	...	...	...	11 11	11 11	11 2	13 13	13 13	13 13	...	...	...	...	...	...	...	...	...	18 7	18 7	15 13	245 0	245 0	245 0	20 13	20 13	27 5	14 2	14 2	18 15	16 0 0	15 0 0	30 0 0
Tenasserim Division.																																				
Moulmein town and Amherst	10 0	10 0	10 0	...	...	...	12 10	12 10	10 10	9 20	4 20	4 12	3	...	...	...	...	...	...	...	...	11 1	11 1	11 1	220 0	220 0	220 0	47 7	47 7	32 0	35 8	35 8	28 6	*d*	12 0 0	25 0 0
Tavoy	...	...	...	...	...	...	13 12	13 12	11 4	22 14	22 14	14 0	...	...	...	...	...	...	...	...	...	...	...	...	399 3	399 3	399 3	24 2	24 2	24 2	16 1	16 1	16 1	15 0	12 0 0	15 to 30
Mergui	...	...	...	...	...	...	17 5	17 5	15 6	21 12	21 12	18 3	...	...	...	...	...	...	...	...	...	...	...	...	428 0	428 0	428 0	36 8	36 8	22 13	29 3	29 3	19 5	15 0	15 0 0	30 0 0
Toungoo	...	...	...	...	...	...	18 5	18 5	15 6	21 5	21 5	18 5	...	...	...	...	...	...	...	...	...	12 9	12 9	11 5	24 0	24 0	175 0	30 12	30 12	18 12	18 12	18 12	18 12	10 0	12 0 0	30 0 0
Shwaygyin	...	...	...	...	...	...	13 12	13 11	9 15	9 15	9 12	7 ...	...	...	...	...	...	...	...	...	...	...	...	...	250 0	250 0	250 0	32 3	32 3	26 3	18 14	18 14	18 14	15 0	16 0 0	40 0 0
Salween	...	...	...	...	...	...	7 14	...	6 5	8 4	...	8 4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	*e*	...	13 9	...	...	...
Jhallawar	15 4	15 4	22 9	15 1	15 1	27 12	...	...	...	8 14	8 14	8 5	16 4	16 4	30 1½	13 6	13 6	18 3½	...	...	...	20 2	18 9½	29 3	...	...	...	9 15	9 15	...	9 11½	9 11½	7 10½	...	...	...
1st half of July 1882.																												Rs. A.	Rs. A.	Rs. A.						
Sylhet	11 12	11 12	13 0	...	...	...	17 0	17 0	16 0	35 0	35 0	31 8	...	...	...	...	...	...	...	...	...	16 0	16 8	16 0	108 0	108 0	108 0	3 6	3 6	...	11 12	11 12	8 8	...	...	...
Cachar	10 10	10 5	15 4	16 0	14 8	16 0	17 12	15 4	20 0	21 5	24 10	24 10	...	...	...	...	...	...	...	...	...	12 13	15 4	16 0	80 0	80 0	80 0	3 8	3 8	...	10 10	10 10	8 6	...	...	...
Goalpara	22 0	22 0	26 10	...	...	...	13 0	11 0	20 0	18 0	16 0	22 14	...	...	...	...	...	...	...	...	...	12 0	10 0	16 0	120 0	120 0	120 0	3 4	3 8	...	12 0	10 0	8 0	...	...	...
Garo Hills	4 0	4 0	4 0	...	...	...	5 0	5 0	5 0	16 0	14 0	20 0	...	...	...	...	...	...	...	...	...	8 0	8 0	6 8	160 0	160 0	160 0	5 6	5 6	...	6 6	6 6	5 5	...	...	...
Kamrup	16 0	16 0	13 0	...	...	...	13 0	13 0	16 0	18 0	18 0	20 0	...	...	...	...	...	...	...	...	...	13 0	13 0	13 0	160 0	160 0	200 0	3 2	3 2	...	12 0	12 0	8 0	...	...	...
Darrang	...	...	...	...	...	...	10 0	10 0	8 0	16 0	16 0	16 0	...	...	...	...	...	...	...	...	...	8 12	9 0	7 9	160 0	160 0	160 0	4 8	4 8	...	8 0	8 0	6 8	...	...	...
Nowgong	...	...	...	...	...	...	13 8	13 8	10 0	16 0	16 0	16 0	...	...	...	...	...	...	...	...	...	8 0	8 0	8 0	120 0	120 0	100 0	3 12	3 12	...	9 0	9 0	8 0	...	...	...
Sibsagar	...	...	...	...	...	...	6 8	6 8	6 8	16 0	16 0	15 0	...	...	...	...	...	...	...	...	...	10 0	10 0	11 0	80 0	80 0	120 0	4 8	4 8	...	8 8	8 8	7 0	...	...	...
Lakhimpur	8 0	8 0	8 0	10 0	10 0	...	8 0	7 0	8 0	16 0	16 0	16 0	...	...	...	...	...	...	...	...	...	12 0	12 0	12 0	120 0	120 0	80 0	5 0	5 0	...	8 0	8 0	6 12	...	...	...
Khasi and Jaintia Hills	...	...	8 0	...	...	...	11 0	10 0	8 0	12 0	11 0	9 0	...	...	...	...	...	...	...	...	...	10 0	10 0	...	...	...	...	5 0	5 0	...	8 0	8 0	5 5	...	...	...
Naga Hills	...	...	...	...	...	...	5 0	5 0	4 0	8 0	8 0	...	...	...	...	...	...	...	...	...	...	2 0	2 0	3 0	120 0	120 0	120 0	13 0	13 0	...	3 0	3 0	2 8	...	...	...
																												S. C.	S. C.	S. C.						
Jhallawar	14	15 4	23 1½	15 4	15 1	27 14	...	...	...	8 14	8 6	8 5	16 8½	16 4	30 1½	13 6	13 6	18 3½	...	...	...	20 11	20 2	29 3	...	...	...	9 15	9 15	...	9 11½	9 11½	7 1½	...	...	...

a Common masons not available in these places. Imported carpenters get Rs. 65 to 80. Imported blacksmiths get Rs. 60.

b Rs. 36 per 100 maund. *c* Rs. 40 per 100 maunds. *d* Rs. 100 for a season. *e* Annas 2 per viss.

DEPARTMENT OF FINANCE AND COMMERCE,
(*Statistical Branch.*)

D. M. BARBOUR,
Secretary to the Government of India.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

RAILWAY TRAFFIC.

No. XXVIII of 1882.

APPROXIMATE STATEMENT OF GROSS RECEIPTS AND EXPENSES OF INDIAN RAILWAYS.

Latest return received.	Railways.	Total mean length open.	Receipts for week ending 16th July 1881. Total.	Per mile open.	Total mean length open.	Receipts for week ending 15th July 1882. Total.	Per mile open.	Total Receipts from 1st April to 16th July 1881. Total.	Per mile open per week.	Total Receipts from 1st April to 15th July 1882. Total.	Per mile open per week.	Total Increase in 1882-83.	Total Decrease in 1882-83.
	Guaranteed.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
22nd July 1882	Eastern Bengal ...	172	84,082	489	172	73,961	430	9,96,754	374	10,94,616	420	97,862	...
15th ditto ...	Oudh and Rohilkhund	547	63,458	116	547	93,100	170	15,35,226	183	16,20,306	195	85,080	...
22nd ditto ...	Sind, Punjab & Delhi	676	1,25,256	185	676	1,95,400	289	27,03,818	261	29,42,035	287	2,38,217	...
15th ditto ...	Madras ...	858	1,21,800	142	861	1,27,945	149	19,34,355	147	21,01,140	161	1,66,785	...
15th ditto ...	South Indian ...	655	71,507	109	655	61,392	94	11,94,448	119	12,03,242	121	8,794	...
22nd ditto ...	Great Indian Peninsula	1,448	3,41,489	236	1,458	3,46,976	238	1,07,87,051	442	1,15,60,974	525	7,73,923	...
15th ditto ...	Bombay, Baroda and Central India ...	444	89,404	201	461	1,14,237	248	37,04,744	545	36,23,151	518	...	81,593
	Total ...	4,800	8,96,996	187	4,830	10,13,011	210	2,28,56,396	311	2,41,45,464	330	12,89,068	...
	State.												
15th July 1882	East Indian ...	1,504	7,06,869	470	1,507	8,29,662	551	1,25,19,904	544	1,32,83,556	581	7,63,652	...
15th ditto ...	Calcutta and South-Eastern ...	28	1,907	68	33	2,430	74	47,690	111	55,982	123	8,292	...
15th ditto ...	Nalhati ...	27	1,123	42	27	1,153	43	19,285	46	20,827	51	1,542	...
22nd ditto ...	Northern Bengal ...	231	28,369	123	233	32,150	138	4,50,649	127	5,41,370	153	90,721	...
22nd ditto ...	Tirhoot ...	76	8,152	107	85	11,901	140	1,84,509	148	1,95,528	152	11,019	...
22nd ditto ...	Patna-Gya ...	57	7,646	134	57	6,465	113	1,38,890	153	1,40,807	163	6,917	...
15th ditto ...	Muttra-Hathras ...	29	2,138	74	29	1,523	52	38,556	87	33,968	77	...	4,588
15th ditto ...	Cawnpore-Furrakhabad	86	5,778	67	87	6,026	70	80,006	60	98,263	74	18,262	...
15th ditto ...	Dildarnagar-Ghazipur	12	596	50	12	753	63	14,128	77	15,970	88	1,843	...
22nd ditto ...	Rajputana-Malwa ...	1,016	1,07,453	106	1,117	1,55,403	139	27,70,861	178	32,81,716	192	5,10,855	...
15th ditto ...	Wardha Coal ...	45	8,387	186	45	998	22	1,50,109	218	1,79,029	263	28,620	...
22nd ditto ...	Nagpur & Chhattisgarh	53	2,393	45	98	3,627	37	1,02,070	107	2,17,770	146	1,15,700	...
15th ditto ...	Rangoon and Irrawaddy Valley ...	161	16,621	103	161	18,033	112	4,70,705	191	4,73,275	194	2,570	...
15th ditto ...	Sindia ...	75	5,350	71	75	7,090	95	91,156	97	98,142	86	6,986	...
15th ditto ...	Punjab Northern ...	363	47,033	129	412	52,013	126	8,61,644	155	8,81,615	145	19,971	...
22nd ditto ...	Indus Valley and Kandahar ...	660	50,358	76	660	74,722	113	13,88,032	137	13,53,562	135	...	34,470
22nd ditto ...	Muttra-Achnera ...	...	...	...	23	986	43	...	...	17,644	50	17,644	...
	Total ...	2,919	2,93,304	100	3,154	3,75,273	119	68,03,590	152	76,05,468	160	8,01,883	...
	Native States.												
15th July 1882	Bhavnagar-Gondal ...	119	1,913	16	194	8,065	42	2,90,561	104	3,41,656	116	51,095	...
22nd ditto ...	Nizam's ...	121	13,271	109	121	13,226	109	2,55,831	138	2,54,683	139	...	1,148
8th ditto ...	Mysore ...	58	1,726	30	...	(c)...	...	(a)44,312	53	(b)69,758	57	25,446	...
	Total ...	298	16,910	57	315	21,291	68	5,90,704	107	6,66,097	109	75,393	...
	GRAND TOTAL ...	9,521	19,14,079	201	9,806	22,39,237	228	4,27,70,594	291	4,57,00,585	305	29,29,995	...
	Gross Estimated Expenses ...	...	...	...	...	...	...	2,03,75,764	139	2,20,34,884	147	...	...
	Net Receipts ...	...	...	...	...	...	...	2,23,94,830	152	2,36,65,701	158	12,70,871	...

(a) Total receipts from 1st April to 9th July 1881. (b) Total receipts from 1st April to 8th July 1882. (c) Return not received.

SIMLA,
The 8th August 1882.

FRED. FIREBRACE, *Major, R.E.,*
Under Secretary.

No. XXIX of 1882.

APPROXIMATE STATEMENT OF GROSS RECEIPTS AND EXPENSES OF INDIAN RAILWAYS.

Latest return received.	Railways.	Total mean length open.	Receipts for week ending 23rd July 1881. Total.	Per mile open.	Total mean length open.	Receipts for week ending 22nd July 1882. Total.	Per mile open.	Total Receipts from 1st April to 23rd July 1881. Total.	Per mile open per week.	Total Receipts from 1st April to 22nd July 1882. Total.	Per mile open per week.	Total Increase in 1882-83.	Total Decrease in 1882-83.
	Guaranteed.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
29th July 1882	Eastern Bengal ...	172	1,06,213	618	172	88,973	517	11,02,967	389	11,74,687	423	71,720	...
22nd ditto ...	Oudh and Rohilkhund	547	65,921	121	547	81,783	150	16,01,147	180	17,02,423	192	1,01,276	...
29th ditto ...	Sind, Punjab and Delhi	676	1,25,613	186	676	1,60,448	237	28,29,431	257	31,02,483	284	2,73,052	...
22nd ditto ...	Madras ...	858	1,24,841	146	861	1,15,357	134	20,59,196	148	22,20,730	160	1,61,534	...
22nd ditto ...	South Indian ...	655	68,047	104	655	57,415	88	12,62,495	118	12,61,699	119	...	796
29th ditto ...	Great Indian Peninsula	1,448	3,61,377	250	1,458	3,06,098	210	1,11,48,428	472	1,18,70,773	507	7,22,345	...
22nd ditto ...	Bombay, Baroda and Central India ...	444	70,355	158	461	99,388	216	37,75,099	522	37,21,798	500	...	53,301
	Total ...	4,800	9,22,367	192	4,830	9,09,462	188	2,37,78,763	304	2,50,54,593	322	12,75,830	...
	State.												
29th ditto ...	East Indian ...	1,504	6,91,313	460	1,507	9,25,022	613	1,32,11,217	539	1,41,83,271	583	9,72,054	...
22nd ditto ...	Calcutta and South-Eastern ...	28	1,933	69	33	2,470	75	49,623	108	58,456	120	8,833	...
29th ditto ...	Nalhati ...	27	1,095	41	27	1,088	40	20,380	46	21,905	50	1,525	...
29th ditto ...	Northern Bengal ...	231	26,828	116	233	29,400	126	4,77,477	127	5,78,266	154	1,00,789	...
29th ditto ...	Tirhoot ...	76	9,004	118	82	12,218	149	1,93,513	146	2,02,880	150	9,369	...
29th ditto ...	Patna-Gya ...	57	7,109	125	57	6,452	113	1,40,999	152	1 47,285	159	6,286	...
29th ditto ...	Muttra-Hathras ...	29	2,276	78	29	1,307	45	40,832	86	35,314	76	...	5,518
29th ditto ...	Cawnpore-Furrakhabad	86	5,042	59	87	6,788	78	85,048	61	1,05,460	75	20,412	...
22nd ditto ...	Dildarnagar-Ghazipur	12	461	38	12	714	59	14,589	75	16,674	86	2,085	...
29th ditto ...	Rajputana-Malwa ...	1,016	61,274	60	1,117	1,32,168	118	28,52,135	172	34,24,769	190	5,72,634	...
29th ditto ...	Wardha Coal ...	45	10,195	227	45	1,547	34	1,60,604	219	1,81,104	249	20,500	...
29th ditto ...	Nagpur and Chhattisgarh ...	53	2,760	52	98	3,439	35	1,04,830	106	2,22,100	141	1,17,270	...
22nd ditto ...	Rangoon and Irrawaddy Valley ...	161	16,704	104	161	17,373	108	4,87,409	185	4,87 178	188	...	231
29th ditto ...	Sindia ...	75	4,849	65	75	5,009	67	96,005	78	1,03,247	85	7,242	...
29th ditto ...	Punjab Northern ...	363	47,628	131	412	50,773	123	9,09,272	154	9,32,388	144	23,116	...
29th ditto ...	Indus Valley and Kandahar ...	660	50,001	76	660	1,17,396	178	14,38,033	134	14,70,591	138	32,558	...
29th ditto ...	Muttra-Achneyra ...	...	...	...	23	1,042	45	...	...	19,159	52	19,159	...
	Total ...	2,919	2,67,159	92	3,151	3,89,184	124	70,70,749	148	80,06,776	158	9,36,027	...
	Native States.												
22nd ditto ...	Bhavnagar-Gondal ...	119	2,574	21	194	8,879	46	2,93,135	101	3,50,535	112	57,400	...
22nd ditto ...	Nizam's ...	121	14,309	118	121	15,347	127	2,70,140	137	2,72,556	139	2,416	...
22nd ditto ...	Mysore ...	58	2,000	34	86	5,884	68	48,037	51	81,114	58	33,077	...
	Total ...	298	18,883	63	401	30,110	75	6,11,312	105	7,04,205	108	92,893	...
	GRAND TOTAL ...	9,521	18,99,722	200	9,889	22,53,778	228	4,46,72,041	286	4,79,48,845	300	32,76,804	...
	Gross Estimated Expenses ...	...	...	...	...	...	...	2,13,83,531	127	2,31,59,104	145	...	...
	Net Receipts ...	...	...	...	...	...	...	2,32,88,510	149	2,47,89,741	155	15,01,231	...

SIMLA
The 14th August 1882.

FRED. FIREBRACE, *Major, R.E.,*
Under Secretary.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

CIVIL WORKS.

Irrigation.

REVENUE REPORT OF IRRIGATION WORKS IN SIND.

No. 277-84I, dated Simla, August 3, 1882.

RESOLUTION—By the Government of India, Public Works Department.

Read—

Letter from the Government of Bombay, No. 155W.I.-337, dated 16th June 1882, submitting Revenue Report of the Irrigation Department in Sind for 1880-81.

OBSERVATIONS.—The Capital expenditure during the year under review amounted to Rs. 2,71,933, and the total outlay incurred under this head up to the end of the year to Rs. 86,90,954, including direct and indirect charges. Of this amount Rs. 22,87,721 have been expended on Productive Public Works and Rs. 64,03,233 on other Irrigation works, for which Capital and Revenue Accounts are kept.

2. The total amount of interest charges payable during the year amounted to Rs. 3,68,442, which was less than the net direct and indirect revenue from works for which Capital and Revenue Accounts are kept by Rs. 2,25,977. The surplus of accumulated net revenue (direct and indirect) over the accumulated interest charges to the end of the year amounted to Rs. 42,01,794.

3. The gross receipts from all sources amounted to Rs. 26,25,894* during the year, the gross receipts of the previous year having been returned as amounting to only Rs. 9,51,705. The difference is mainly due to the revenue from "works for which only Revenue Accounts are kept," having been included in the revenue returns of 1880-81 and omitted from those of previous years. The revenue from these works amounted to Rs. 15,21,815 for 1880-81, and the balance, Rs. 11,04,079, exceeded the corresponding returns of the previous year by Rs. 1,52,374.†

	Rs.
* Water rates, &c. . . .	99,088
Collected with land revenue, . . .	25,26,806
TOTAL .	26,25,894

† Revenue from Productive Public Works and other works for which Capital and Revenue Accounts are kept—

	Rs.
1880-81	11,04,079
1879-80	9,51,705
TOTAL ...	1,52,374

4. The maintenance charges on irrigation works of all kinds amounted to Rs. 12,21,809, and the net revenue to Rs. 14,04,085. The net revenue from works for which Capital and Revenue Accounts are kept amounted to Rs. 5,94,419, and returned 6·84 per cent. upon the Capital outlay to the end of the year.

5. The total area cultivated under canal irrigation was 181,522 acres less than the average of the four years immediately preceding 1880-81.‡ The decrease was entirely caused by the lowness of the inundation of 1880 during the end of August and early part of September, and but for a sudden rise in the flood-level in the middle of September and a seasonable fall of rain, the decrease would have been much greater.

‡Year.

	ACRES CULTIVATED.		
	Kharif.	Rabi.	TOTAL.
Average of 4 years 1876-77 to 1879-80.	1,208,307	350,281	1,558,588
1880-81	1,215,052	162,014	1,377,066
1880-81	+6,745	−188,267	−181,523

6. The irrigating duty done by the water is shown below for the five canals, of which the discharges may be regarded as approximately correct—

Canal.	Average discharge in cubic feet per second.	AREAS OF DIFFERENT CROPS IRRIGATED.				AREAS IRRIGATED.		Total area irrigated.	Area irrigated per cubic foot per second.
		Jowari.	Bajri.	Rice.	Other crops.	By flow.	By lift.		
	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.
Desert . . .	1,088	71,104	3,335	431	725	64,795	10,800	75,595	69·5
Begari . . .	2,260	58,781	231	6,027	6,155	61,962	8,232	70,194	31·0
Sukkur . . .	1,610	18,641	186	22,497	8,236	44,991	4,569	49,560	30·8
Mithrau . . .	944	250	14,458	29,266	6,318	33,015	17,277	50,292	53·3
Fuleli . . .	5,169	6,221	69,127	104,193	15,944	108,361	87,124	195,485	37·8

The high duty obtained on the Desert canal was evidently due to the large proportion of millets (jowar and bajra) irrigated from it; that on the Mithrao canal to the high proportion of lift irrigation and to the careful regulation of the supply in accordance with the demand. On the Begari canal the low duty must have been caused by a supply much in excess of the demand for water, and that on the Fuleli by the very large proportion of rice irrigation to the total area watered.

7. The maintenance charges averaged Re. 0·88 per acre irrigated, the average rate of maintenance on the Punjab inundation canals having been Re. 1·02 per acre during 1880-81, and Re. 1·05 per acre for the three years ending with 1880-81.

8. The cost of collecting the canal revenue, as given in paragraph 9 of the Superintending Engineer's reoprt (Rs. 2,53,162), seems very high, unless the cost of measurement and assessment of irrigated areas is included in the charge for collection.

9. The Government of India is glad to learn that, owing to the growing confidence of the cultivators in Sind in the stability of the protective embankments, and to the effective arrangements for an improved supply of water, there are good grounds for expecting a steady increase in the canal revenue of future years.

ORDER.—Ordered, that a copy of this Resolution be forwarded to the Government of Bombay in the Public Works Department for information.

Also, that a copy of this Resolution, of the Report, and of the Resolution by the Government of Bombay, be forwarded for information to the Governments noted in the margin in the Public Works Department.

Madras, Bengal, North-Western Provinces and Oudh, and Punjab.

Also, that a copy of this Resolution, and of the Resolution by the Government of Bombay, be forwarded to the Department of Finance and to the Revenue and Agricultural Department for information; and to the Publisher of the *Gazette of India* for publication in the Gazette Supplement.

HENRY A. BROWNLOW *Colonel, R. E.,*
Deputy Secretary to the Government of India.

General Abstract of Financial results of Irrigation and Navigation works in Sind for and up to the close of 1880-81.

		Productive Public Works.			Works in Operation. Irrigation and Navigation Works.									Grand Total.
		Begari Canal.	Mithrau Canal.	Total.	Eastern Nara works.	Desert Canal.	Sukkur Canal.	Ghar Canal.	Alibhur Kutcherry Canal.	Great Marrak Canal.	Surfrazwale Canal.	Fuleli Canal.	Total.	
		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Capital Outlay. During year	Direct	39,677	4,042	43,719	1,53,143	61,475	4,826	...	...	...	...	...	2,19,444	2,63,163
	Indirect	1,323	135	1,458	5,102	2,049	161	...	...	...	...	...	7,312	8,770
	TOTAL	41,000	4,177	45,177	1,58,245	63,524	4,987	...	...	...	...	...	2,26,756	2,71,933
To end of year	Direct	12,11,318	9,98,180	22,09,528	23,89,790	6,99,233	12,33,814	4,15,537	23,207	1,81,164	1,18,558	10,77,561	61,38,864	83,48,392
	Indirect	35,011	43,182	78,193	1,00,351	28,953	54,780	23,448	710	6,988	5,853	43,286	2,61,369	3,42,562
	TOTAL	12,46,359	10,41,362	22,87,721	24,90,141	7,28,186	12,88,594	4,38,985	23,917	1,88,152	1,24,411	11,20,847	64,03,233	86,90,954
Gross Revenue. During year	Direct	1,431	706	2,137	32,125	1,034	561	5,281	118	1,044	1,394	21,715	63,272	65,409
	Indirect	66,288	121,767	1,88,055	50,393	96,620	27,769	3,46,154	7,878	63,476	15,343	2,12,982	8,50,615	10,38,670
	TOTAL	67,719	1,22,473	1,90,192	82,518	97,654	28,330	3,51,435	7,996	64,520	16,737	2,34,697	9,13,887	11,04,079
To end of year	Direct	19,030	61,748	80,778	3,55,090	2,388	5,966	1,48,078	7,043	30,374	18,453	4,50,440	10,17,832	10,98,610
	Indirect	21,68,082	12 24,939	33,93,021	16,84,606	6,83,974	3,12,989	78,85,298	54,035	3,69,091	73,471	26,16,059	1,36,79,523	1,70,72,544
	TOTAL	21,87,112	12,86,687	34,73,799	20,39,696	6,86,362	3,18,955	80,33,376	61,078	3,99,465	91,924	30,66,499	1,46,97,355	1,81,71,154
Working Expenses. During year	Direct	71,212	38,155	1,09,367	40,788	27,436	53,772	1,16,754	4,234	12,189	10,581	1,34,539	4,00,293	5,09,660
	Indirect	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
	TOTAL	71,212	38,155	1,09,367	40,788	27,436	53,772	1,16,754	4,234	12,189	10,581	1,34,539	4,00,293	5,09,660
To end of year	Direct	12,57,902	8,93,648	21,51,550	8,69,208	1,87,185	5,02,755	19,65,899	46,976	1,30,094	86,995	29,39,352	67,28,464	88,80,014
	Indirect	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
	TOTAL	12,57,902	8,93,648	21,51,550	8,69,208	1,87,185	5,02,755	19,65,899	46,976	1,30,094	86,995	29,39,352	67,28,464	88,80,014
Net Revenue. During year		—3,493	84,318	80,825	41,730	70,218	—25,442	2,34,681	3,762	52,331	6,156	1,30,158	5,13,594	5,94,419
To end of year		9,29,210	3,93 039	13,22,249	11,70,488	4,99,177	—1,83,800	60,67,477	14,102	2,69,371	4,929	1,27,147	79,68,891	92,91,140
Simple Interest. During year		53,618	44,827	98,445	1,04,095	30,082	54,552	18,699	1,044	8,152	5,335	48,038	2,69,997	3,68,442
To end of year		6,09,254	6,84,186	12,93,440	16,96,230	2,06,265	6,41,497	2,61,749	7,946	58,184	43,617	8,80,418	37,95,906	50,89,346
Net profit after paying off Interest. During year		—57,111	39,491	—17,620	—62,365	40,136	—79,994	2,15,982	2,718	44,179	821	82,120	2,43,597	2,25,977
To end of year		3,19,956	—2,91,147	28,809	—5,25,742	2,92,912	—8,25,297	58,05,728	6,156	2,11,187	—38,688	—7,53,271	41,72,985	42,01,794

(a).—Not yet calculated.

NOTE.—In addition to above the receipts from, and the expenditure on, the works for which capital accounts are not kept during 1880-81, are as follows:—

	Receipts. Rs.	Expenditure. Rs.
Works for which only revenue accounts are kept ...	15,21,815	7,32,149
Agricultural works ...	1,877	71,088

No. 143 W. I.—316, dated 9th June 1882.

RESOLUTION—By the Government of Bombay, Public Works Department,

Read—

Letter from the Secretary to the Government of India, No. 140I., dated 29th April 1882.

ABSTRACT.—In returning for revision the Revenue Report of the Irrigation Department in Sind for 1880-81, forwarded with this Government letter No. 94 W.I.—198, dated 27th March 1882, points out that the figures showing the total direct and indirect receipts of canal revenue for 1880-81, as entered in Table VI. attached to the report, do not agree with those shown by the Examiner in his accounts, the difference between the two sets of figures being Rs. 42,647; again, under the head "Working Expenses," there is a difference of Rs. 1,77,455 between the Examiner's figures and those given in Table IV. of the report. Requests, therefore, that steps may be taken to establish a proper system of intercommunication between the Local Government and the Examiner of Public Works Accounts, in order to avoid such discrepancies in future. The Examiner should lay his accurate figures before the Local Government, and the Government should allow the Examiner the opportunity of checking his figures in the draft report before it is finally printed off. Adds that the Examiner is responsible for supplying correct figures, and these figures, and none other, should be used in the report. The report, herewith returned, should be re-submitted with the necessary alterations as early as possible.

Memorandum from the Examiner of Public Works Accounts, No. H.—72, dated 20th May 1882.

Abstract.—With reference to Government Memorandum No. 278I., dated 12th May 1882, reports as below:—

The figures of the Examiner's accounts, alluded to by the Government of India, with which Tables IV. and VI. appear to have been compared, are apparently those exhibited in the General Abstract of Financial Results appended at pages 36 and 37 of the Revenue Report, and these are in accord with the General Revenue Accounts furnished by the Examiner, to the Superintending Engineer for Irrigation in Sind.

2. The difference under receipts is chiefly due to the Superintending Engineer having included in direct receipts, assessments of Rs. 42,646, on account of water-cess in Khelat Territory, *vide* note at foot of Table III., against which no credits for actual realisations were afforded to this Department in the Treasury Accounts for 1880-81. This amount is not included in the Examiner's figures as water-rates which are treated as direct receipts, are accounted for according to actual realisations in the year in which they are effected and credited to this Department in the Treasury Accounts. Realisations, amounting to Rs. 26,000, on account of the above assessments, have been paid into the Treasury to the credit of this Department, during the year 1881-82, and this will be included in the Revenue Accounts of the canals concerned for that year. It may be here observed that the Superintending Engineer had pointed out the omission of the water-cess in question in the General Revenue Account furnished to him, and its omission was explained in paragraph 1 of the Examiner's No. H.—158 of 28th November 1881 (extract attached). On comparing the Table VI. with the General Revenue Accounts, other slight differences of one or two rupees have been noticed in the figures shown against some of the canals, which it is hardly necessary to detail here. The net total difference is Rs. 42,647, as pointed out by the Government of India, of which Rs. 4,21,646 are on account of water-cess in Khelat Territory, and one rupee on account of minor differences.

3. Table IV. exhibits only direct outlay, and the figures shown under Revenue expenditure includes also outlay incurred on agricultural works, for which neither Capital nor Revenue Accounts are kept, while the Examiner's figures of working expenses include both direct and indirect charges, debitable to Revenue Accounts. The two sets of figures may be reconciled as follows:—

	Rs.	Rs.	Rs.
Direct outlay under Revenue Expenditure as shown in Table IV.			10,44,354
Add—			
Refunds of Revenue debited to Revenue Outlay omitted by the Superintending Engineer, as stated in paragraph 9 of the report,		603	
Outlay from contributions on Revenue Works included by the examiner, but omitted by the Superintending Engineer		6,888	
Indirect charges for collection of revenue by the Civil Department, separately shown by the Superintending Engineer in the last column of Table VII., included by the Examiner in working expenses:—			
As shown in Table VII.	2,53,162		
Deduct—Collection charges for Rs. 42,646 on account of water-rates in Khelat Territory, not taken into account by the Examiner, for the reasons stated in paragraph 2 above	4,265		
		2,48,897	
			2,56,388
			13,00,742

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Deduct—		
Outlay in agricultural works for which neither Capital nor Revenue Accounts are kept, included in Table IV., *viz.*,—		
Kashmor Bund	54,798	
Kasimpur Bund, included in the expenditure shown against bunds in Rohri	24,135	
		78,933
Total working expenses as per Examiner's Accounts .		12,21,809

4. The Examiner begs to forward, for the information of Government, copy of letter No. H.—16 of 28th ultimo, which he has addressed to the Superintending Engineer after the receipt of the printed copy of the Revenue Report, in which necessary explanation has been afforded for including the charge Rs. 603 on account of refunds in the Revenue Outlay. The expenditure incurred from contributions for constructions of sluices at Kariah heads, &c., on canals has been included by the Examiner in the Revenue Accounts, as hitherto. It has, however, been since settled on a reference lately received from the Executive Engineer, Fuleli division, and with concurrence of the Superintending Engineer that such outlay is not strictly chargeable to Revenue, and accordingly it will be omitted in future Revenue Accounts, as stated in paragraph 3 of the Examiner's letter quoted above.

5. The following points are also noticed with regard to classification and details of expenditure in Table IV.—

(1.) The expenditure on Kashmor and Kasimpur Bunds has been shown under Revenue Expenditure, but it should have been shown separately under the heading "Ordinary Agricultural Works, for which no Capital and Revenue Accounts are kept," as desired in paragraph 9 of Government Resolution No. 482 of 5th September 1881.

(2.) Jhali Bund is treated as a part of Ghar Canal per paragraph 10 of the Government Resolution above quoted, and the expenditure incurred on this bund has been accordingly included by the Examiner in the working expenses of that Canal, but the Superintending Engineer has included it in the outlay shown in the Table against bunds in Right Bank.

(3.) Tools and Plant charges are accounted for separately in the Examiner's Accounts, whereas these are included in the Table with those for establishment.

(4.) Under Revenue expenditure, the Superintending Engineer has distributed the establishment charges (including those for Tools and Plant) under works *i. e.*, Extensions and Improvements) and Maintenance and Repairs, but no such distribution is recorded in the Examiner's Accounts, as this is not required to be shown in the Annual Finance or Administrative Accounts.

(5.) Likewise establishment charges for works for which only revenue accounts are kept are recorded in the Examiner's accounts in lump by each division. These have been distributed by the Superintending Engineer over different canals, which appear separately in the Table. As the canals, which are shown separately, are large, the Superintending Engineer has thought it proper to distribute the establishment charges, so as to show the total expenditure on each, and the Examiner has no objection to this being done, but he has no ready means in his office to check the figures without making special calculations.

(6.) In conclusion, the Examiner begs to state that the discrepancies between the Revenue Report and the figures given by his office may be explained by the addition of brief foot-notes to Tables VI. and IV. Instructions may also be issued to the Superintending Engineer to avoid such discrepancies in future by following the figures furnished by the Examiner in the General Revenue Accounts.

Memorandum from the Examiner of Public Works Accounts, No.H.—97, dated 31st May 1882.

Abstract.—With reference to Government Memorandum No. 298I., dated 29th May 1882, returns the Revenue Report of the Irrigation Department in Sind for 1880-81, with the addition of requisite notes in Tables IV. and VI., explaining the differences pointed out by the Government of India; states that it is inconvenient to make any alterations in the printed figures, and trusts that the notes, now made in the Tables, will suffice.

RESOLUTION.—Copy of the report, with the addition of the requisite notes to Tables IV. and VI., should be forwarded to the Government of India, with copy of this Resolution, in reply to their letter No. 140 I., dated 29th April 1882.

2. A copy of the corrected report should also be forwarded to the Commissioner in Sind and to the Chief and Superintending Engineers for Irrigation, for information and guidance.

3. The Superintending Engineer for Irrigation in Sind should be again reminded that the Examiner of Public Works Accounts is responsible for supplying correct figures, and that these figures must invariably be used.

C. J. MERRIMAN, Major-General, R. E.,
Secretary to the Government of Bombay.

GOVERNMENT OF INDIA.

REVENUE AND AGRICULTURAL DEPARTMENT.

REPORTS ON THE STATE OF THE SEASONS AND PROSPECTS OF THE CROPS FOR THE WEEK ENDING THE 15th AUGUST 1882.

GENERAL REMARKS.—There has again been good rain in all districts of Assam and Bengal, excepting Hazaribagh. In the North-Western Provinces and Oudh heavy rain has occurred in the Benares Division and Fyzabad, but there has been little or no rain elsewhere. In the Punjab only three districts have reported some showers. In Rajputana and Central India there has been a little rain in a few States. In the Central Provinces there has been cloudy weather, with occasional showers. Heavy rain in Raipur and Sambalpur. The Bombay Presidency has had rain in varying quantities in almost all districts, the notable exception being parts of the Deccan. The Berars have had no rain. In the Nizam's territories there has been a light fall. Mysore has reported rain in all districts. Coorg continues to receive a comparatively heavy rainfall, though not so heavy as in previous weeks. The Madras Presidency has enjoyed a good light rainfall in all districts, except Malabar where it was heavier. In British Burma there has been heavy rain, especially in Moulmein.

The agricultural prospects are as follows. Excessive rain has somewhat injured standing crops in one or two districts of Madras, in parts of Coorg, in the western tracts of Mysore, and in a few places in the Central Provinces.

A break in the wet weather has improved crops in the Central Provinces and in Jhánsi. Timely rain has improved prospects in parts of Madras, North-Western Provinces and Oudh, Bengal, Assam, and the Nizam's territories, which needed it.

More rain is, however, required in a few districts in Madras and the Deccan and in some of the Rajputana States; also in the larger part of the North-Western Provinces and Oudh and the Punjab.

The rise in the barometer noticed in last week's report was followed by a slight fall, but the general tendency has been towards a rise all over India at the end of the week, and, except around the margin of the Indian area, the pressure has risen above the normal average.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Madras—(Aug. 16th)		
Bellary ...	1·78 (average of six stations).	Standing crops generally good, though dry partially withering and diseased; agricultural operations progressing.
Kurnool ...	1·17 (average of nine stations).	Prospects improved; standing crops generally benefitted by timely showers; cattle-disease in parts.
Ganjam ...	1·22 (average of thirteen stations).	Standing crops thriving; harvest summer paddy, outturn average; fever, small-pox, and cattle-disease exist; cholera subsiding; transplanting paddy extremely backward owing to insufficient rain.
Kistna ...	·87 (average of nine stations).	Standing crops fair, but require water; fever and cattle-disease prevalent; small-pox slight.
Chingleput (Madras) ...	1·18 (average of ten stations).	Standing crops good under larger tanks and channels; agricultural operations progressing; cholera and small-pox in parts.
Coimbatore ...	·66 (average of eleven stations).	Paddy promising well; dry crops damaged by rain; want of rain felt; insects in some places; harvest dry crops, outturn about average; small-pox, fever, and cholera in parts.
Tanjore ...	·95 (average of twelve stations).	Crops good, except in parts damaged by breaches, withering in parts of one taluk for want of rain; cattle-disease in parts of one taluk.
Madura ...	·51 (average of six stations).	Standing crops fair, though withering in two taluks; harvest paddy, yield below average; fever and cholera in parts.
Malabar ...	7·54 (average of fourteen stations).	First crops generally good; small-pox, cholera, fever, and cattle-disease slight.
Travancore ...	3·54	Paddy crops beginning to ripen; fever continues. *General Remarks.*—General prospects good.
Bombay—(Aug. 16th)		
Kurrachee ...	Kurrachee, 89; Kotri, 2·65; Bulakhan, 1·25; Jerruck, 1·55; Keli, 1·61; Mirpur Botoro 3·0; Sujawal, 4·10; Jati, 2·30 Manjhand, 1·36; Mugulbin, 2·32.	Weather cloudy and damp; strong westerly breeze; fever in four talukas; 4 cases of small-pox in Tatta taluka; freshet from Gaj on 2nd; wheat, red rice, and *bajri* in Kurrachee 22, 36 and 35, in Manjhand 24, 44 and 46, in Ghorabari 18, 44 and 42, and in Jati 20, 40 and 44 lbs. per rupee, respectively.
Hyderabad ...	.....	River still in high flood; fever in three talukas; wheat 25, *juari* 45, *bajri* 40, red rice 30, and white rice 22 lbs. per rupee.
Ahmedabad ...	·08	Total rainfall 27·32; sowing of *bajri*, &c., completed; transplantation of rice continues; in Ahmedabad city 4 cases of cholera, all of which fatal; wheat 27 and *bajri* 31 lbs. per rupee.
Baroda ...	.....	Young crops thriving; cholera increasing at Amreli and decreasing at Manekwara; *bajri* 30 and common rice 24 lbs. per rupee.
Surat ...	·53	Total rainfall 32·44; crops generally healthy; *juari* 35 and *nagli* 52 lbs. per rupee.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Bombay—*contd.*		
Násik ...	Igatpuri, 2·56; Peint, 1·31; slight showers elsewhere.	Rain much wanted in Yeola and Baglan; sowing nearly completed; crops doing well; locusts continue in Nandgaon; slight cholera in Násik, Sennar, and Baglan; wheat 25, *bajri* 38, and rice 25 lbs. per rupee.
Colaba (Bombay) ...	Rain every day, except on 9th; total of week ·61.	Total rainfall to date 57·06, being 4·56 above average; average abnormal temperature 1° warm; vapour in air normal; abnormal wind from north-east on 9th, 10th, and 11th, from south-west on 15th; wind normal from 12th to 14th.
Poona ...	.....	Young crops suffering as usual from want of rain in Bhimthari, Indapur, and Sirur talukas; 13 cholera cases in Sirur and Bhimthari talukas, of which 6 fatal; *bajri* 45¼ and *juari* 59¼, in Poona *bajri* 36¾ and *juari* 47¾ lbs. per rupee.
Ahmednagar ...	Very slight rain in Akola, Parner, Sheogaon, Nagar, Sangamner, and Rahuri; none in the rest.	Total average rainfall of the district 11·32; from want of rain *bajri* crop is withering in all talukas, except in Jhamkhed and Akola; cattle-disease in Nagar, Sheogaon, and Akola; cholera—in Parner 27 cases, 11 deaths, in Shrigonda 17 cases, 7 deaths, in Sheogaon 2 cases fatal; *bajri*—maximum 66 lbs. in Jhamkhed and minimum 43 in Shrigonda; *juari*—maximum 102 lbs. in Jhamkhed and minimum 54 in Kopergaon.
Sholapur ...	2·30; moderate rain everywhere.	Total rainfall 19·94; cholera more or less throughout, maximum number of cases in Barsi 51, minimum 1 in Malsiras—total cases 160, deaths 65; *bajri* 57 lbs. 3 tolas and *juari* 80 lbs. 37 tolas per rupee.
Dharwar	Good rain in eastern parts of district; Nargund, 4·54; Gadag, 3·33; Mundargi, 3·29; elsewhere—maximum at Hangal, 2·40; minimum at Karajgi, ·33.	Rain wanted in Ron; damaged crops improving by the break; land being prepared for cotton; *juari* sowing almost completed; public health good; cattle-disease in Hangal and Bankapur; prices stationary.
Kanara ...	**Karwar, 5·43; Kumpta, 3·99; Sirsi, 6·01; Hallial, 2·87.**	**Total rainfall 85·78; rice, *ragi*, and sugarcane plants healthy; early rice crop in ear near Karwar; rains abating, and prospects improving; general health good; common rice in Karwar 11 seers, in district average 13¼ seers per rupee.**
Rajkot ...	.....	Weather dry; crops thriving; cholera in some places; *bajri* 26 and *juari* 31 lbs. per rupee.
		General Remarks.—Rain in Kurrachee and floods in Shikarpur; break in weather general in Presidency districts; young crops are doing well, except in Kaladgi and parts of Ahmednagar, Poona, and Násik, where they are withering for want of rain; locusts in Khandesh and Násik; fever and cattle-disease in some districts; cholera in most districts of the Deccan and Southern Mahratta Country and in thana Khaira and parts of Kattiawar.
Bengal—(Aug. 16th)		
Chittagong ...	3·13	Weather seasonable; prospects of crops fair; cultivation of winter rice continues; prices steady; cholera, small-pox, and cattle-disease still prevail.
Dacca ...	3·55	Rain has done good to crops; cholera abating.
24-Pergunnahs (Calcutta)	1·84	Prospects of jute, early rice, and sugarcane continue satisfactory; cultivation of winter crops going on; insufficient rain has retarded transplanting of rice seedlings to some extent, but the crops not unpromising; prices of common rice unchanged; public health generally good; some sporadic cases of cholera reported from Diamond Harbour sub-division.
Moorshedabad ...	**2·97**	Prospects of crops better owing to late rain, but more rain still wanted for transplanting winter rice; autumn rice being harvested; except a little fever, public health fairly good.
Rajshahye ...	1·78; Nattore, 1·54	Rain of 14th will do some good to crops; winter rice being transplanted; fever abating.
Burdwan ...	0·63; Cutwa, 3·55; Culna, 0·89; Raniganj, 2·46.	Prospects of crops somewhat better, especially in Cutwa and Raniganj; fever and cholera reported.
Rungpore ...	3·38	Weather cloudy; transplanting of winter rice resumed; more rain wanted; public health good.
Bhagálpur ...	2·80	Prospects of crops good; rain has done much good to the young seedlings of winter rice.
Purneah ...	6·92	Prospects of crops very much improved; some autumn crops being harvested; transplanting going on vigorously; health fair; rivers high.
Patna ...	6·67	Prospects of autumn crops favourable; transplanting of rice seedlings going on in low lands; prospects better than last week; cholera has not yet disappeared from Barrh and Behar sub-divisions.
Durbhunga ...	**8·87**	Prospects of crops greatly improved; transplanting progressing vigorously; prices stationary; health improved.
Hazáribágh ...	*Nil*	Weather hot and close; autumn crops doing well; rain wanted for transplanting rice; small-pox still reported from one or two thanas, but general health good.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Bengal—*contd.*		
Cuttack ...	1·31	Rivers have receded; prospects of crops excellent; cholera still prevalent.
		General Remarks.—Rain fell in all districts during the week, except in Hazaribagh; general prospects have improved, but rain is still much wanted in many districts; cultivation of winter rice has been resumed, and is progressing favourably where the rain was abundant during the week; early rice and other autumn crops and sugarcane are doing well; early rice and jute are being harvested in some districts, with fair average outturn; sporadic cases of cholera and small-pox still reported from some districts; fever has appeared in some districts, it is increasing in Nuddea, and is prevalent in Backergunge, but is said to be abating in Rajshahye.
N. W. Provinces and Oudh—		
Benares (Aug. 15th)	11·3; Chandauli, 6·6; Gungapore, 4·2.	Sufficient rain now fallen for transplanting late rice; health of cattle good; some isolated cases of cholera are still reported; markets well supplied; prices falling.
Cawnpore („ „)	No rain, except 0·1 in Bilhaur.	Weather somewhat cloudy; prospects excellent, but rain wanted for some crops; cholera increasing; prices stationary.
Allahabad („ 16th)	Hardly any rain during the week, none in five tahsils.	Rain much wanted, especially for *bajri* lately sown; rice much injured by long break; cholera rapidly decreasing in amount and virulence; prices rising.
Gorakhpur („ 15th)	Average 10·0; heavy rain all over the district for the last three days.	Rice crops greatly benefited; prospects good; health fair; slight cholera; prices falling.
Jhánsi („ 14th)	.....	Break in the rains has done good to standing crops, those which looked the worse from excessive rain are reviving; weeding of cotton and *juari* in progress; prices stationary; cholera continues in two villages, but has disappeared in Segowlie; cattle-disease is reported from parganas Jhánsi and Mau.
Agra („ 15th)	No rain	Slight fever continues in six parganas; no cholera now in Ferozabad; general health good; prices slightly falling.
Farukkabad („ „)	Light rain in one tahsil, none elsewhere.	Rain much needed; prices steady; cholera still reported from Aligarh, but there were few fatal cases.
Bareilly („ „)	0·8	Weather hot, but seasonable; crops excellent; cholera on the increase and fever rather prevalent.
Meerut („ „)	Slight shower yesterday.	Hot westerly wind and clear sky till 13th, since then less heat and more cloud; rain much wanted; irrigation commenced where available; health good; supplies sufficient, but prices rising.
Kumaun („ „)	**Rain light**	**Crops very good; health good generally speaking; cattle-disease somewhat less; no change in prices.**
Lucknow („ „)	Sadr, 1·0; Maliabad, 0·5; Mohanlalganj, 0·2.	Crops much benefited by the rain, but more still wanted; rice crop suffering in Mohanlalganj for want of sufficient rain; much sowing going on; cholera still continues in city and district; prices steady.
Rae Bareli („ 14th)	Sadr, 0·3; Digbijaiganj, 1·4.	Cholera on the increase; cattle-disease continues in some villages of tahsil Dalman; agricultural prospects fair; prices stationary.
Partabgarh („ 15th)	.....	Crops doing very well at Kunda and Patti; more rain wanted at Sadr, where *juari* and *bajri* are suffering somewhat from drought; general health fair; cholera in two tahsils.
Sitapur („ „)	Sitapur, 1·1; Sidhauli, 3·3; Biswan, 2·4.	Rain has done much good; rice everywhere improved; cholera still bad; prices slightly rising; markets well supplied.
Fyzabad („ „)	Sadr, 6·5; Akbarpur, tehsil, 5·3; Bikapur, 4·0; Tanda, 4·7.	*Kharif* crops promising; slight cholera at Sadr and tahsils; cattle-disease in tahsils Bikapur and Akbarpur.
		General Remarks.—Heavy rain in Benares division and Fyzabad, prospects much improved there, elsewhere a break in the rains has set in which is beneficial in Jhansi, but is causing injury in other districts; prices on the whole stationary; slight cholera general, except in Meerut division, but is decreasing in eastern districts; fever has appeared in Rohilkhand; cattle-disease continues in Oudh, Jhánsi, and Saharanpur.
Punjab—(Aug. 16th)		
Delhi ...	Rain required	Health fair; slight rise in prices of food-grains.
Hissar ...	.....	Crops suffering from want of rain; health good; prices rising.
Umballa ...	.....	*Kharif* sowings finished; health fair; prices rising; rain required.
Jullundur ...	No rain	Crops withering; health good; prices rising.
Amritsar ...	0·70	*Kharif* sowings completed; health good; prices rising.
Sialkot ...	0·50	Health good; prices rising.
Lahore ...	No rain	Health good; prices stationary.
Ferozepore ...	No rain	Health good; prices stationary.
Mooltan ...	.....	No report received.
Rawalpindi ...	3·90	Health good; prices falling.
Dera Ismail Khan ...	No rain	Agricultural prospects and health good; prices steady.
Peshawar ...	No rain reported	*Kharif* prospects and health good; prices stationary.
		General Remarks.—More rain is required in the Delhi, Hissar, Umballa and Jullundur districts; in Hissar and Jullundur the crops are suffering from want of moisture; the health of the province generally is good; prices of food-grains generally show a tendency to rise.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Central Provinces—		
Nagpur (Aug. 16th)	·18	Weather warm and cloudy; crops much improved by th continued break; cholera reported; prices of grain low.
Jubbulpore („ 15th)	·07	Weather cloudy: break beneficial for weeding operations which are in progress; cholera is abating.
Saugor („ 14th)	.....	Weather clear, favourable to crops; some damage caused by previous wet weather; cholera abating; prices stationary.
Seoni („ 15th)	·50	Break has facilitated weeding; *kharif* crops flourishing; cholera and small-pox prevailing.
Khandwa („ „)	·13	Weather cloudy and close; *kharif* prospects good; cholera prevalent; wheat 14 seers per rupee.
Hoshangabad („ „)	·12	Cloudy, with occasional showers; weeding in progress; small-pox and cholera prevalent; rice 9 seers per rupee.
Raipur („ 12th)	5·87, heavy rain	Weather cloudy and close; *kharif* crops progressing; cholera prevalent; rice 15 seers per rupee.
Sambalpur („ 10th)	9·21, heavy rain	Break much needed; fever prevalent; rice 36 seers per rupee.
		General Remarks.—Weather cloudy and close, with occasional showers; break has facilitated weeding operations; *kharif* crop promises favourably; cholera and small-pox still reported; prices stationary.
British Burma— (Aug. 16th)		
Akyab ...	7·20	Total rainfall 156·09 inches; 4 deaths from cholera in one township, disease also prevailing in another township, small-pox in one township, otherwise public health good; cattle-disease severe in one township; sowing nearly finished.
Rangoon ...	4·37	Total rainfall 54·66 inches; 1 fatal case of cholera, otherwise public health good; progress of crops favourable.
Bassein ...	8·72	Total rainfall 82·90 inches; 27 deaths from cholera in one and 16 in another township, also 1 death in Bassein town, otherwise public health good; cattle-disease in three townships; ploughing and planting out proceeding favourably.
Prome ...	2·31	Total rainfall 25·16 inches; no deaths from cholera in Prome town, but 14 deaths in Mahathaman township, otherwise public health good; ploughing proceeding.
Amherst (Moulmein) ...	15·33	Total rainfall 141·92 inches; public health in Moulmein and district good; cattle-disease still prevalent in three townships; resowing at places where crops destroyed by excessive rain.
Toungoo ...	2·65	Total rainfall 53·06 inches; 1 death from small-pox in town, otherwise public health fair; slight cattle-disease in two townships.
		General Remarks.—Cholera in Akyab, Tharrawaddy, Bassein, Henzada, and Prome and a few cases elsewhere; a little small-pox in Akyab and Toungoo, public health otherwise good; cattle-disease still prevalent in many places.
Assam—(Aug. 16th)		
Gauhati ...	5·03	Rain very opportune and apparently sufficient for transplanting operations; river rising; public health good.
Sylhet ...	6·12	Cultivation for, and transplantation of, *sali* paddy going on rapidly; *aus* paddy being harvested, a better crop than expected; some *amun* in some danger from rapid rise of waters; weather good for tea.
Cachar ...	4·30, rainy	State of *dumahi* and *murali* crops and tea favourable; transplanting of *sali* crops going on; common rice 25¾ seers per rupee; health good; no more cattle-disease reported.
Dibrugarh ...	2·82	Weather seasonable; *sali dhan* being transplanted rapidly; *ahu dhan* nearly harvested; public health generally good; cattle-disease still continues in a few places.
Mysore and Coorg— (Aug. 16th)		
Bangalore ...	1·07	Crops in good condition; prospects favourable.
Mysore ...	2·40	Crops in good condition; prospects favourable.
Mercara ...	6·36	Monsoon continues, but is lighter; transplanting of rice nearly finished; the crop in the north-east Coorg and young coffee plants have suffered from excessive rain.
		General Remarks.—Rain has fallen generally throughout the Mysore State, largest quantity 2·58 at Chickmagalur; crops in good condition, but those on the western side of the State are suffering from excessive rain; propects favourable; public health good; prices satisfactory.
Berar & Hyderabad— (Aug. 16th)		
Amráoti ...	.....	*Kharif* and cotton crops progressing favourably; price of wheat 16 and *juari* 28 seers per rupee.
Akola ...	.....	Crops in good condition; prospects favourable.
Hyderabad ...	2·33	*Kharif* crops benefited; *rabi* sowings recommenced, except in one taluka where there has been very little rain; prices—wheat 15¾, coarse rice 10¼, white *juari* 25¾, yellow *juari* 30, and *tur* 26½ seers per rupee.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Central India States— (Aug. 16th)		
Indore ...	·93	Prospects unchanged; a few cases of cholera in Indore city, otherwise health good.
Morar (Gwalior) ...	No rain	Health and prospects good; rain much needed for crops.
Sutna ...	·03	A few cases of cholera at Sutna; prospects good.
Rutlam ...	.....	From 29th July to 4th August, 34 cases of cholera, of which 18 were fatal.
Neemuch ...	No rain	Public health good; crops thriving.
Goona ...	No rain	Health good; wheat 21 seers per rupee; prospects fair.
Bhopal ...	·07	Prospects of crops good.
Agar ...	.....	The break in the rains continues; prospects good; health at Agar good; prospects of crops good.
Nowgong ...	·01	*Kharif* crops good; prices stationary; cholera still prevalent, and a few cases of small-pox.
Manpur ...	No rain	Health good; prices stationary.
Rajputana—		
Abu (Aug. 16th)	·91	Weather gloomy, with occasional showers.
Sirohi („ 13th)	.....	Tanks, wells, health, and prospects good.
Marwar („ 11th)	No rain	Four months' water in tanks; wells almost full; health good; crops in good condition; weather cloudy; winds sharp; nights cool; prices stationary.
Meywar („ 12th)	No rain	Tanks and wells good; health fair; crops very good.
Harowti („ „)	No rain	Crops good; weeding progressing; cholera prevails, though less at Tonk; weather cloudy and warm.
Jhallawar („ 9th)	2·20	Weather bright; prospects fair.
Ajmere („ 15th)	No rain	Sowing continues; prospects good; health fair, but cholera not quite disappeared.
Jeypore („ „)	*Nil*	Prices stationary; cholera in city slightly on the increase, averaging 6 fatal cases daily.
Ulwur („ „)	.....	The break in the rains continues; rain wanted; prices steady; health fair.
Nepal—		
Katmandu (Aug. 11th)	5·09	Weather cool; outturn of Indian-corn likely to be below average; rice doing well.

Circular No. 95G.

Extract from the Proceedings of the Government of India in the Revenue and Agricultural Department (General),—under date Simla, the 10th August 1882.

Read—

Correspondence regarding an earthquake felt in the Nicobar and Andaman Islands on the 31st December 1881.

Proceedings in the Department of Public Works during 1878-1879-1880 on the subject of seismological observations in India.

RESOLUTION.

In 1877 it was suggested by the Royal Society of Great Britain that a systematic observation of earthquake shocks should be instituted in India through the medium of the principal telegraph stations. The scheme was discussed, but eventually was abandoned owing to circumstances which prevented the Society from co-operating, and no efficient means of observing the phenomena of earthquakes in British India at present exist.

2. The Superintendent of the Geological Survey and the Meteorological Reporter to the Government of India have frequently represented the desirability of establishing at a small number of places some cheap and simple means of taking such observations in future. The Superintendent of the Geological Survey states that a set of instruments of the kind detailed in the margin, which will enable the direction and strength of an earthquake to be approximately recorded, can be procured at a cost of Rs. 105. A shed or small room would also be needed, but the entire cost of the instruments and building would probably not exceed Rs. 250 for each station. By attaching the stations to 1st or

Set of eleven brass cylinders; pillar 6″ square, 7′ long; measuring rod; compass with swinging card; spirit-level; set of eleven wooden pegs and discs.

2nd Class Meteorological Observatories no expenditure would be required on establishment, as the duty of looking after the instruments and registering the results on the occurrence of a shock could be performed by the Meteorological Observer with very little extra trouble.

3. The Meteorological Reporter having been consulted as to these proposals, the Government of India has resolved to sanction a sum of Rs. 2,000 for the purchase of the necessary instruments and the erection of observatory sheds at such meteorological stations in Bengal and Northern India as may be decided on by the Superintendent of the Geological Survey and the Meteorological Reporter to the Government of India in consultation.

The arrangements when completed should be reported by these officers for the information of the Government of India.

ORDER.—Ordered, that a copy of the above Resolution be forwarded to the Superintendent, Geological Survey, and Meteorological Reporter to the Government of India for information and guidance, and to all Local Governments and Administrations,* and the Departments of Finance and Public Works for information.

* Government of Madras.
" " Bombay.
" " Bengal.
" " North-Western Provinces and Oudh.
" " Punjab.
Chief Commissioner, British Burma.
" " Assam.
" " Central Provinces.
" " for Coorg.
" " Ajmir.
Resident at Hyderabad.

Ordered also, that the Resolution be published in the *Gazette of India*.

E. C. BUCK,
Secy. to the Govt. of India.

GOVERNMENT OF INDIA.

LEGISLATIVE DEPARTMENT.

ABSTRACT OF THE PROCEEDINGS OF THE COUNCIL OF THE GOVERNOR GENERAL OF INDIA, ASSEMBLED FOR THE PURPOSE OF MAKING LAWS AND REGULATIONS UNDER THE PROVISIONS OF THE ACT OF PARLIAMENT 24 & 25 VIC., CAP. 67.

The Council met at Government House, Simla, on Wednesday, the 16th August, 1882.

PRESENT:

His Excellency the Viceroy and Governor General of India, K.G., G.M.S.I., G.M.I.E., *presiding*.
His Honour the Lieutenant-Governor of the Panjáb, K.C.S.I., C.I.E.
His Excellency the Commander-in-Chief, G.C.B., C.I.E.
The Hon'ble J. Gibbs, C.S.I., C.I.E.
Major the Hon'ble E. Baring, R.A., C.S.I., C.I.E.
Lieutenant-General the Hon'ble T. F. Wilson, C.B., C.I.E.
The Hon'ble C. P. Ilbert, C.I.E.
The Hon'ble Sir S. C. Bayley, K.C.S.I., C.I.E.
The Hon'ble T. C. Hope, C.S.I., C.I.E.
The Hon'ble C. H. T. Crosthwaite.
The Hon'ble W. C. Plowden.

BURMA STEAM-BOILERS AND PRIME-MOVERS BILL.

The Hon'ble MR. ILBERT moved that the Report of the Select Committee on the Bill to provide for the inspection of Steam-boilers and Prime-movers attached thereto in British Burma be taken into consideration. He said:—

"This Bill was introduced by Mr. Stokes on the 2nd of March. Its object is to make provision for the inspection and licensing of steam-boilers and

prime-movers in British Burma, and it is framed on the lines of the Bengal Act, III of 1879, which provides for the inspection of steam-boilers in Calcutta and the neighbourhood.

"The Bill extends, in the first instance, only to the towns of Rangoon, Maulmain, Akyab and Bassein, but there is power to extend it to other parts of British Burma by notification. It has been published three times in the *British Burma Gazette*, and has been commented on by the Chief Commissioner and certain of his officers and others whom he has consulted. The Select Committee have taken into consideration the suggestions made for the amendment of the Bill, and adopted such of them as appear practicable and expedient. There is, however, one suggestion of importance which we have not adopted, and it is this: it is a suggestion of the Chief Commissioner that the Bill should be made applicable to steam-launches. We considered this suggestion, but came to the conclusion that it would be more convenient to provide for steam-launches by the measure now in preparation for the survey of steamers.

"The Report of the Select Committee was presented on the 12th of July, and I presume that it has been in the hands of Members of Council."

The Motion was put and agreed to.

The Hon'ble MR. ILBERT also moved that the Bill as amended be passed.

The Motion was put and agreed to.

INDIAN RAILWAY ACT, 1879, AMENDMENT BILL.

The Hon'ble MR. ILBERT also moved that the Hon'ble Mr. Hope be added to the Select Committee on the Bill to amend the Indian Railway Act, 1879.

The Motion was put and agreed to.

CENTRAL PROVINCES TENANCY BILL.

The Hon'ble MR. CROSTHWAITE moved that Major the Hon'ble E. Baring and the Hon'ble Sir S. C. Bayley be added to the Select Committee on the Bill to consolidate and amend the law relating to Agricultural Tenancies in the Central Provinces.

The Motion was put and agreed to.

CENTRAL PROVINCES LOCAL RATES BILL.

The Hon'ble MR. CROSTHWAITE also moved that His Honour the Lieutenant-Governor of the Panjáb be added to the Select Committee on the Bill to provide for the levy of rates on land in the Central Provinces.

The Motion was put and agreed to.

The Council adjourned to Wednesday, the 30th August, 1882.

SIMLA;
The 16th August, 1882.

D. FITZPATRICK,
Secretary to the Government of India,
Legislative Department.

Printed and Published for the GOVERNMENT OF INDIA *at the* GOVERNMENT CENTRAL BRANCH PRESS, *Simla.*

SUPPLEMENT TO

The Gazette of India.

Nº 34.} CALCUTTA, SATURDAY, AUGUST 26, 1882.

OFFICIAL PAPERS.

A SUPPLEMENT *to the* GAZETTE OF INDIA *will be published from time to time, containing such Official Papers and information as the Government of India may deem to be of interest to the Public, and such as may usefully be made known.*

Non-Subscribers to the GAZETTE *may receive the* SUPPLEMENT *separately on a payment of six Rupees per annum if delivered in Calcutta, or nine Rupees if sent by Post.*

No Official Orders or Notifications, the publication of which in the GAZETTE OF INDIA *is required by Law, or which it has been customary to publish in the* CALCUTTA GAZETTE, *will be included in the* SUPPLEMENT. *For such Orders and Notifications the body of the* GAZETTE *must be looked to.*

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

IRRIGATION BRANCH.

IRRIGATION OPERATIONS OF THE NORTH-WESTERN PROVINCES FOR THE RABI SEASON, 1881-82 (1st OCTOBER TO 31st MARCH.)

No. 1931 I., dated Allahabad, 2nd August 1882.

RESOLUTION—By His Honor the Lieutenant-Governor, North-Western Provinces and Oudh.

Read—

Statements A. 14, B. 14, C. 14, for Rabi, 1881-82.

OBSERVATIONS.—The season was remarkable for the early cessation of the monsoon rains and for the almost entire absence of winter rain. These circumstances were eminently favourable to a large area of canal irrigation, while the extension of the Lower Ganges Canal increased the field of operations, and it is not therefore surprising that the area, 1,209,823 acres, should be the highest on record, being 177,813 acres more than the area of 1880-81 and 133,871 acres more than that of 1878-79, the last year of drought, and hitherto the largest area irrigated in the rabi harvest.

In comparing the irrigation of 1881-82 with that of the previous years, it must be remembered that the conditions of the two years were much the same in the lower doab, while they differed only in the upper. In both years the winter rains were deficient; but in 1880-81 there were very heavy floods in the middle of September in the Sub-Himalayan districts, which enabled crops to be grown in those districts without canal water. In comparing the two years, therefore, it is not remarkable to find that the great increase in 1881-82 is in the upper tracts, that is in the upper divisions of the Ganges Canal, while the increase in the lower tracts is not so great as might have been expected, and is due to extension of irrigation more than to the differences of the seasons.

2. The following table compares the rabi areas of the four years 1878-79 to 1881-82 :—

Canal.	1878-79.	1879-80.	1880-81.	1881-82.
	Acres.	Acres.	Acres.	Acres.
Upper Ganges	476,486	312,586	359,073	475,747
Terminal Divisions*	249,385	245,351	283,251	278,421
Lower Ganges	16,020	29,744	116,250	148,212
Agra	83,094	36,286	105,378	96,106
Eastern Jamna	181,238	142,201	128,408	150,689
Rohilkhand	57,237	66,277	29,985	48,544
Bijnor	1,283	1,730	2,041	2,137
Dun	9,607	8,804	6,867	8,138
Jhansi	586	443	315	529
Hamirpur	1,026	908	442	1,300
TOTAL	1,075,952	844,330	1,032,010	1,209,823

* The Cawnpore and Etáwah branches below Nagiria and Jera at miles 48 and 39 respectively.

In this table the terminal divisions have been separated from the Lower Ganges Canal in order to show clearly the increase on the new canal.

The above table brings out clearly what was stated in para. 1 regarding the effect of the seasons on the areas irrigated in the upper and lower tracts respectively.

The irrigated area of the Upper Ganges Canal is greatly in excess of that of 1880-81, when abundant rain fell late in the autumn, and is naturally much greater than that of a normal year such as 1879-80, but it is almost exactly the same as the area of 1878-79, the last year of drought.

The irrigated area of the terminal divisions varies little from year to year, in fact it may be almost said of them that year by year the area is limited only by the water available; but in the two latter years the increase of area shows that the competition for water was equal, and the increase is doubtless partly due to the additional volume made available by the opening of the Lower Ganges Canal. The slight increase over the previous year of the irrigated area of the Lower Ganges Canal is due to the abnormal amount irrigated in 1880-81 owing to the deficiency of rain in the lower doab, as explained in para. 2, North-Western Provinces Resolution No. 820A., dated 4th July, 1881. The area of nearly 150,000 acres attained in 1881-82, the fourth year of the operations of the canal, may, however, be considered satisfactory.

The irrigated area of the Agra Canal which, as has been remarked in previous reviews, fluctuates, and does not increase as steadily as could be desired, is again less than the areas of 1880-81 and 1877-78, which were nearly equal. The decrease has been in barley and mixed crops.

The irrigated area of the Eastern Jumna Canal is greater than that of the two previous years, in which the autumn rains were more plentiful, but it is much lower than the area of 1878-79. The area of this canal, like that of the terminal divisions of the Lower Ganges Canal, is much less subject to fluctuation on account of the seasons than other canals. The great area of 1878-79 is probably due to the high prices then prevailing after a deficient rainfall of two years. The result of these high prices was to extend the margin at which it becomes profitable to use canal water on inferior land, and so to increase the area of irrigation. These conditions did not, however, prevail in 1881-82, and therefore, although the season was favourable to irrigation, the area is no larger than usual.

The irrigated area of the Rohilkhand Canals is an average one, higher than that of 1880-81, when the heavy floods of September enabled canal water to be dispensed with, but not as high as the area of the two previous years.

There is nothing special to notice about the areas of the other canals and the Bundelkhand Lakes, which vary little from year to year, and are comparatively insignificant.

3. The following table shows the areas of the principal crops irrigated for six successive years :—

	Wheat.	Barley.	Other grains.	Pulses.	Opium and drugs.	Total areas.
	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.
1876-77	532,221	110,361	24,821	26,584	12,530	776,358
1877-78	415,659	138,627	59,912	64,328	10,823	729,845
1878-79	586,776	266,472	115,914	66,901	15,371	1,075,952
1879-80	482,703	210,959	83,861	33,401	15,104	844,330
1880-81	545,364	261,813	130,011	55,222	18,309	1,032,010
1881-82	726,332	261,602	102,549	77,238	18,203	1,209,823

The gross increase in wheat alone is 180,968, which exceeds the net total increase for the year, so that the increase is mainly due to the most valuable crop. The following table shows the progress made in wheat irrigation on each of the principal canals for four years, and the percentage of wheat to the whole area for the year 1881-82 :—

Canal.	1878-79.	1879-80.	1880-81.	1881-82.	
				Area.	Percentage of wheat to whole area.
	Acres.	Acres.	Acres.	Acres.	
Upper Ganges Canal	296,106	194,083	228,773	321,868	68
Terminal Divisions	88,553	101,356	113,237	122,135	44
Lower Ganges Canal	5,959	15,078	45,282	87,974	59
Agra	14,521	11,767	27,431	28,206	29
Eastern Jumna Canal	149,834	122,506	111,274	131,891	88
Rohilkhand	24,330	29,979	13,120	26,549	55

The area of barley remains very steady, eighty per cent. of this area belongs to the Lower Ganges and terminal divisions.

4. The following table shows the assessments of the year under occupiers' rates compared with three other years :—

	1878-79.	1879-80.	1880-81.	1881-82.
	Rs.	Rs.	Rs.	Rs.
Upper Ganges	10,04,592	6,68,455	7,61,523	10,21,817
Terminal Divisions	4,86,820	4,67,609	5,03,053	5,45,146
Lower Ganges Canal	37,276	68,537	2,62,339	3,53,130
Agra	2,23,023	96,530	2,86,736	2,59,530
Eastern Jumna Canal	3,76,455	2,99,508	2,71,905	3,17,217
Rohilkhand	32,955	36,796	11,581	28,043
Bijnor	1,358	1,803	2,037	2,069
Dun	10,767	10,044	8,281	9,379
Bundlekhand Lakes	2,469	2,242	1,606	3,046
TOTAL	21,75,715	16,51,524	21,09,061	25,39,377

The owners' rate amounted to Rs. 1,64,405.

ORDER.—Ordered, that the above Resolution be submitted to the Government of India for information, and that it be published in *North-Western Provinces and Oudh Gazette*.

Ordered also, that copies be circulated to the Governments of Bengal, Punjab, to the General Department of this Government, and to the Board of Revenue, for information.

By order, &c.,

J. G. FORBES, *Lt.-Col., R. E.*,
Joint-Secy. to Govt., N. W. P., P. W. D., I. B.

No. A14.—Rabi Statement.

IRRIGATION OPERATIONS OF FASL RABI, 1881-82.

Comparative Statement of Irrigation and Rainfall in Canal Districts of the North-Western Provinces.

Zila.	Area in acres.	Cultivable acres.	Areas irrigated.		1881-82 as compared with 1880-81.		Rainfall for six months, October to March, 1882.												Total.	
							October.		November.		December.		January.		February.		March.			
			Rabi, 1880-81.	Rabi, 1881-82.	Increase.	Decrease.	1880.	1881.	1880.	1881.	1880.	1881.	1881.	1882.	1881.	1882.	1881.	1882.	1880-81.	1881-82.
	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.														
Saharanpur	1,418,880	805,120	47,420	65,327	17,907	...	...	...	·5	...	·4	...	...	2·2	·9	·7	4·4	...	6·2	2·9
Muzaffarnagar	1,061,989	699,622	77,303	106,984	29,681	...	...	...	·4	...	1·0	...	...	1·3	·2	...	4·3	...	5·9	1·3
Meerut	1,510,664	1,071,493	121,184	180,734	59,550	...	...	·2	·2	...	·7	...	...	1·4	·1	...	3·0	...	4·0	1·6
Bulandshahr	1,222,100	875,520	106,389	121,785	15,396	...	...	...	·6	...	·6	...	·4	·25	·2	...	2·8	...	4·6	·25
Aligarh	1,256,775	919,880	93,732	100,340	6,608	...	...	...	·1	...	·5	...	...	·2	·6	·2	1·9	...	3·1	·4
Muttra	1,031,538	827,843	47,683	38,117	...	9,566	...	...	·1	...	·2	...	...	...	·8	·1	...	...	1·1	·1
Agra	1,230,819	873,976	27,884	31,319	3,435	...	...	...	·1	...	·3	...	...	·2	...	...	·4	...	·8	·2
Etah	967,680	620,800	57,987	74,667	16,680	...	...	...	·3	...	·5	...	...	·2	·5	...	1·5	...	2·8	·2
Mainpuri	1,085,626	607,409	101,512	118,211	16,699	...	...	...	·2	...	·3	...	...	·2	·5	·05	·5	...	1·5	·25
Farukhabad	1,116,633	687,361	40,307	44,869	4,562	...	...	...	...	...	·25	...	...	·1	·15	·1	1·9	...	2·3	·2
Etawah	1,274,240	563,200	114,535	121,279	6,744	...	·3	...	·2	...	·1	...	...	...	...	...	·9	..	1·5	...
Cawnpore	1,495,576	865,065	124,883	117,115	...	7,768	·1	...	...	...	·3	...	...	...	·1	·2	·4	...	·9	·2
Delhi	817,280	532,480	487	322	...	165	...	...	·4	...	1·1	...	...	·3	·4	·7	1·9	...	3·8	1·0
Gurgaon	1,267,200	967,680	31,054	28,106	...	2,948	...	...	·2	...	·8	...	...	·3	·5	·1	1·6	...	3·1	·4
Debra Dun	653,271	82,248	6,867	8,138	1,271	...	...	...	·8	...	1·4	...	·2	2·9	·4	·5	2·9	·4	5·7	3·8
Bijnor	1,217,886	663,135	2,041	2,137	96	...	...	...	·3	...	·5	...	·1	1·5	·6	...	3·3	...	4·8	1·5
Tarai	588,793	144,230	3,846	3,370	...	476	...	...	·8	...	·6	...	·2	·8	·7	1·5	5·6	...	7·9	2·3
Pilibhit	873,094	1,228,040	3,476	8,555	5,079	...	...	...	·1	...	·3	...	...	·3	·4	·1	9·4	...	10·2	·4
Bareilly	1,037,416		22,663	36,619	13,956	...	...	...	·5	...	·5	...	·2	·4	·2	·2	3·2	...	4·6	·6
Jhansi	1,002,880	482,560	315	529	214	...	·2	·7	·4	...	·2	...	...	...	·3	·1	1·6	...	2·5	·8
Hamirpur	1,463,424	800,128	442	1,300	858	...	...	...	·3	...	...	...	...	...	...	·1	·2	...	·5	·1
Total	23,594,064	14,317,790	1,032,010	1,209,823	198,736	20,923														
Net increase					177,813															

G. H. D. WALKER,
Asst. Secy. to Govt., N.-W. P. and Oudh, P. W. D.

No. B14.—Rabi Statement.

IRRIGATION OPERATIONS OF FASL RABI, 1881-82.

Statement in Acres of Crops irrigated in Canal Zilas.

	Saharanpur.	Muzaffarnagar.	Meerut.	Bulandshahr.	Aligarh.	Muttra.	Agra.	Etah.	Mainpuri.	Futehgarh.	Etawah.	Cawnpore.	Delhi.	Gurgaon.	Dun.	Bijnor.	Tarai.	Pilibhit.	Bareilly.	Jhansi.	Hamirpur.	Total.
Gardens and Orchards	736	623	1,900	1,644	1,420	340	669	769	1,121	211	833	978	...	103	371	...	11	39	380	2	13	12,163
Sugarcane	97	73	102	32	2	...	...	10	24	2	6	...	...	...	...	3	...	13	84	...	3	451
Cereals — Wheat	57,142	92,158	142,010	84,274	52,839	8,523	11,185	44,292	67,813	21,353	58,015	42,957	98	9,415	5,756	1,813	2,459	3,973	20,117	93	47	726,332
Cereals — Barley	3,066	5,416	19,724	12,695	17,208	9,889	3,805	12,378	36,933	16,764	49,733	65,707	60	1,780	758	162	253	1,296	3,951	23	...	261,602
Cereals — Oats	503	6	322	199	5	...	3	7	...	...	...	...	...	...	313	...	...	...	...	...	...	1,358
Cereals — Chena	1	...	14	258	1,059	52	83	389	423	9	482	51	...	36	...	...	...	...	...	98	...	2,955
Other Grains*	95	112	1,397	3,627	696	...	8	294	827	2,104	405	2,095	...	...	...	30	...	...	...	1	26	11 717
Mixed „	794	164	1,447	6,438	20,533	9,085	9,416	12,619	2,869	...	...	...	44	8,538	65	124	505	2,852	9,766	187	1,073	86,519
Pulses — Gram	1,109	2,887	4,924	4,585	3,736	9,883	5,914	1,886	2,710	145	2,403	763	120	7,970	148	...	28	94	321	96	99	49,822
Pulses — Peas	35	2,793	5,865	6,659	1,500	...	...	1,115	264	39	1,747	1,615	...	...	13	...	2	30	169	...	...	21,846
Pulses — Arhar	...	374	654	52	129	188	49	146	79	12	113	5	...	141	...	1	...	22	166	...	4	2,134
Pulses — Masur	575	926	1,100	33	90	...	...	32	14	...	...	...	...	...	100	4	18	133	395	16	....	3,436
Fodder crops	66	224	320	99	14	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	724
Fibres, Cotton	28	182	607	451	262	36	20	...	2	1	...	...	...	36	...	...	...	...	...	1	13	1,679
Other fibres	...	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6
Dyes, Indigo	...	...	7	...	...	1	2	...	6	2	...	...	...	2	...	...	...	...	...	...	...	20
Other dyes	...	1	4	419	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	427
Drugs, Opium	...	...	...	...	39	...	3	204	1,561	3,265	6,411	2,610	...	...	...	...	...	...	...	...	1	14 184
Other drugs	6	...	27	89	139	40	17	225	2,173	789	70	15	...	23	252	...	4	7	122	...	21	4,019
Oil Seeds	496	115	1	...	...	4	...	...	1	...	...	...	...	...	362	...	90	96	1,148	5	...	2,318
Miscellaneous†	578	924	309	191	668	76	145	211	1,391	173	1,061	319	...	61	...	...	...	...	...	6	...	6,111
Total 1881-82	65,327	106,984	180,734	121,785	100,340	38,117	31,319	74,667	118,211	44,869	121,279	117,115	322	28,106	8,138	2,137	3,370	8,555	36,619	529	1,300	1,209,823
Total 1880-81	47,420	77,303	121,184	106,339	93,732	47,683	27,884	57,987	101,512	40,307	114,535	124,883	487	31,054	6,867	2,041	3,846	3,476	22,663	315	442	1,032,010

* Rice. Bajra. Maize. Jowar.
† Pulse and crops insufficiently irrigated.

ALLAHABAD:
The July 1882.

G. H. D. WALKER,
Asst. Secy. to Govt., N.-W. P. and Oudh, P. W. D.

No. C14, Rabi Statement.

IRRIGATION OPERATIONS OF FASL RABI, 1881-82.

Statement in Acres of Crops irrigated by Canals in Canal Divisions.

	Ganges Canal.										Lower Ganges Canal.					Eastern Jumna Canal.	Agra Canal.	Rohilkhand Canals.	Dun Canals.	Bundelkhand Irrigation Works.		Minor Canals.	Grand Total.
	Northern.	Anupshahr.	Meerut.	Bulandshahr.	Aligarh.	Total.	Narora.	Mainpuri.	Cawnpore.	Etawah.	Bhogaipur.	Total.								Jhansi.	Hamirpur.		
Gardens and Orchards	278	596	809	1,472	2,388	5,543	91	515	974	1,107	362	3,049				1,688	1,067	430	371	2	13	...	12,163
Sugarcane	98	32	52	39	3	264	6	26	...	...	6	38				86	...	97	...	...	3	3	451
Cereals . Wheat	44,465	49,158	75,910	77,065	74,370	321,868	16,947	47,380	38,409	83,726	23,647	210,100				131,891	28,206	26,519	5,776	93	47	1,813	726,332
Barley	2,591	5,947	19,296	9,198	25,801	62,923	4,113	18,715	57,001	72,557	20,522	173,208				3,610	15,117	5,500	758	24	...	162	261,002
Oats	...	...	305	213	15	533	...	...	...	...	...	...				512	...	...	313	...	...	...	1,358
Chena	...	8	11	26	2,007	2,052	...	93	9	...	539	641				1	163	4	...	98	...	1	2,955
Other grains*	...	23	110	5,164	340	5,637	...	645	4,346	486	2	5,479				540	4	1	...	1	26	30	11,717
Mixed ,,	...	4,063	58	...	36,603	40,724	3,619	...	...	...	...	...				903	26,701	13,123	65	187	1,073	124	86,519
Gram	2,344	1,063	1,693	4,599	4,539	14,238	652	1,210	243	1,920	2,606	6,631				4,451	23,715	443	148	96	99	...	49,822
Pulses . Peas	1,235	10,604	...	3,816	...	15,655	...	...	1,345	2,320	...	3,665				2,312	...	201	13	...	...	...	21,846
Arhar	...	34	985	69	162	1,280	78	77	12	10	110	287				...	375	188	...	...	4	1	2,134
Masur	...	39	141	58	130	368	...	6	...	...	...	6				2,306	...	546	100	16	...	4	3,136
Fodder Crops	...	11	116	118	14	290	...	...	...	...	...	...				433	1	...	...	...	...	...	724
Fibres, Cotton	1	31	76	441	306	914	...	319	...	...	...	...				656	92	...	...	...	13	...	1,679
Other fibres .	...	...	...	...	...	6	...	552	243	...	...	...				...	...	...	...	...	...	...	6
Dyes, Indigo	6	3	4	...	...	7	...	1,210	1,920	2,320	2,606	6,631				...	5	...	...	...	...	...	20
Other dyes .	...	414	...	12	...	427	...	...	...	10	110	287				...	...	...	...	...	...	...	427
Drugs, Opium	...	...	...	...	97	97	251	...	5,680	7,226	926	14,086				...	...	...	...	...	...	...	14,184
Other drugs .	5	...	5	105	231	346	11	3,026	42	93	20	3,192				1	74	133	252	...	21	...	4,019
Oil seeds .	138	...	...	...	...	138	...	1	...	...	...	1				474	4	1,334	362	5	...	...	2,318
Miscellaneous†	1,030	8	...	218	1,221	2,477	81	583	393	522	1,032	2,611				735	282	...	...	6	...	...	6,111
TOTAL 1881-82 .	52,192	72,094	99,601	103,513	148,317	475,747	26,152	72,288	108,454	169,967	49,772	426,633				150,659	96,106	48,544	8,138	529	1,300	2,137	1,209,823
TOTAL 1880-81 .	27,090	49,317	59,152	87,107	136,407	359,073	16,033	58,966	111,711	171,540	41,251	399,501				128,408	105 378	29,985	6,867	315	412	2,041	1,032,010

G. H. D. WALKER,
Asst. Secy. to Govt., N. W. P., and Oudh, P. W. D.

* Rice, maize, bajra, jua
† Paleo and crops insuf

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

RAILWAY CONSTRUCTION.

TRADE OF THE COUNTRY TO BE TRAVERSED BY THE PROJECTED LINE OF RAILWAY BETWEEN SITARAMPUR ON THE EAST INDIAN RAILWAY AND NAGPUR ON THE GREAT INDIAN PENINSULA RAILWAY.

Extract from the Proceedings of the Governor General in Council in the Public Works Department, No. 700 R. C., dated Simla, the 16th August 1882.

Read the following papers :—

Note drawn up in the office of the Secretary, Revenue and Agricultural department, on the projected line of Railway from Sitarampur to Nagpur.

The proposed railway from Sitarampur to Nagpur will probably pass through the following districts :—

Districts through which it will pass.
- Manbhum, Lohardaga, Chhota Nagpur Tributary States, } Bengal,
- Raipur, Bilaspur, } Central Provinces,

and will eventually join the Nagpur-Chhattisgarh Railway. These districts, however, do not adequately represent the area the resources of which it will open and the trade of which it will absorb, for through hundreds of miles on either side of the proposed line runs no navigable river or highway of commerce. The district of Singhbhum in Bengal and Sambalpur in the Central Provinces, with the Feudatory States attached to them, will also come under its influence.

Resources still undeveloped.

2. A large part of this country never acknowledged the supremacy of the Hindu or Muhammadan sovereigns of Hindustan, and only thirty years ago it was marked on the English maps of India as the "Unexplored Regions." It is still, therefore, nearly as much a virgin soil for civilised man as the primæval forests on our north-east frontier. Immense tracts of culturable land still lie uncultivated, and the proposed railway is expected to give a great stimulus to its being brought under the plough—an operation already fast progressing owing to press of population in the regulation districts surrounding it on all sides.

Present statistics conjectural.

3. Under these circumstances, the resources of the country through which the railway is to pass cannot, with any degree of accuracy, be measured by the data its present condition affords. Nor are the data now available anything but conjectural; for, except in the matter of population, no effectual attempt to obtain reliable statistics tending to throw light on the condition of the people and the country was ever made; and as is generally the case under such circumstances, the estimates made diffidently always fall much below the actual facts. No instance of this kind more strikingly proves the tendency to under-estimate estimates as the one about the population of the Lower Provinces previous to the general enumeration of 1872; nobody ever ventured to estimate it at more than 40 millions, which was, however, 50 per cent. below the actual number. The figures given in this note must, therefore, be taken with caution, and as giving only a rough idea of the subject.

Expected goods traffic.

4. Besides the passenger traffic which this line may expect from its being the direct line from Calcutta to Bombay, it can count upon a progressive goods traffic fed by three classes of country produce,—agricultural, forest and mineral. The following

statement shows the amount of agricultural produce that may annually be available for export :—

1	2	3	4	5	6	7	8	9	10
NAME OF DISTRICT.	Total area in acres.	Total cultivated area in acres.	Total produce in maunds.	Total population.	Amount consumed as food at 5 maunds per head	Seed, cattle-food, waste and other deductions at 3 maunds per acre.	Balance available for export in maunds.	Total culturable areas still lying waste.	Rate of produce per acre on which calculation is based in column 4.
Hazaribagh . . .	4,493,440	1,318,912	92,32,384	771,875	38,59,375	39,56,736	14,16,273	2,940,457	7
Manbhum . . .	3,149,440	1,812,800	1,26,89,600	995,570	49,77,850	54,38,400	22,73,350	801,900	7
Lohardaga . . .	7,708,160	2,823,738	1,97,66,166	1,237,123	61,85,615	84,71,214	51,09,337	2,570,000	7
Singhbhum . . .	2,494,080	635,648	38,13,888	415,023	20,75,115	19,06,944		1,136,640	6
Chhota Nagpur Tributary States . .	9,868,160	1,973,632	98,68,160	405,980	20,29,900	59,20,896	−1,68,171 19,17,364	3,289,386	5
Raipur . . .	7,606,400	2,324,044	2,32,40,440	1,093,405	54,67,025	69,72,132	1,08,01,283	2,791,040	10
Bilaspur . . .	4,990,720	1,528,960	91,73,760	715,398	35,76,990	45,86,880	10,09,890	1,029,760	6
Sambalpur . . .	2,820,480	720,000	43,20,000	523,934	26,15,170	21,60,000	−4,55,170	568,320	6
Central Provinces Tributary States. . .	6,559,680	2,400,000	1,44,00,000	823,723	41,18,615	72,00,000	30,81,385	2,327,680	6
TOTAL .	49,690,560	15,537,734	10,65,04,398	6,981,131	3,49,05,655	4,66,13,202	2,49,85,541	17,455,183	

5. Of course it is idle to expect that the whole of the agricultural produce shown above as available for export will find its way to the railway. The country is so much cut up by hills and ravines, and so much wanting in good roads, that some time will elapse before its trade will reach the normal standard of a British province. In an agricultural country like India, an inland province may be said to have arrived at such a standard if it can send out with profit at least three-fourths of its surplus produce. Even North-Western Provinces and Oudh, with its network of roads, railways and navigable rivers, have not yet attained such an efficiency in means of communications; for we find that its railways, which monopolise almost all its external traffic, carried in 1879-80 only 14 millions of maunds of agricultural produce out of a total annual surplus of about 50 millions. The proportion must, therefore, be much less in this central tableland.

Want of feeders.

6. But this advantage will be more than compensated by the ample room which agricultural operations have for expansion in this part of the country. Seventeen millions of acres of arable land, or an area larger by two millions of acres than that at present under cultivation, still lie waste, and there can be no doubt that a large part of it will come under the plough as soon as an outlet for the produce is found.* Every encouragement is given to cultivators for taking up new lands; for three years no rent whatever is assessed, and after that time a small amount of progressive rent is fixed. In this way the cultivation is increasing year by year, and would have increased more had not the country been drained of a portion of its enterprising youths to meet the requirements of the tea gardens of Assam, Kachar, Sylhet and Darjiling. In some parts of the tableland the wasteful system of cultivation, known as the *jum*, is practised, in which fresh forest land is cleared every two or three years, allowing the one previously cultivated to relapse to its former state of wildness. This reckless system of agriculture signifies only the existence of an extraordinary amount of spare land in the country.

Arable land lying unused.

7. The principal crops cultivated are the same as in other parts of Bengal and the Central Provinces; rice being the staple crop, with a fair proportion of pulses and oil-seeds. The western part of the plateau grows wheat, barley, Indian-corn, jowar (*Sorghum vulgare*), china (*Panicum italicum*), and other millets. Cotton has

Crops.

* "Fertile lands," write the officers appointed for collecting information for the Famine Commission, "in almost countless acres, lie waiting to be cultivated, which will afford other staples of food besides the treacherous rice**." Central Provinces Famine Report, page 94:—I myself can vouch for the fertility of the soil. In 1865 we took up a large area of land outside the Manbhum town, and after removing the stones that were lying scattered upon it, scratched the ground with the country plough (which here is still lighter than an ordinary country plough) and sowed múng (*phaseolus múngo*) on it. No other care was bestowed upon it, but the result was a bumper crop.

found a congenial home in the Lohardaga and Singhbhum districts and in the black soil of Chhattisgarh, and, as in Bombay, the American war contributed greatly towards the extension of its cultivation. The area under sugarcane is also increasing, and it is said to grow luxuriantly in Gangpar, a tributary State in the Chhota Nagpur Division, from which a large quantity of molasses is exported. A fine quality of tobacco is also grown, chiefly for home consumption, and a large quantity of silk is produced from domesticated *tasar* worms. Tea-planting has been introduced in the Hazaribagh and Lohardaga districts, and the soil is said to be suited for coffee also. Owing to extensive areas of pasture land existing in the country, large quantities of ghi are produced, which are exported to Calcutta. The following figures show the acreage under different crops in districts for which information is available:—

	Raipur.	Sambalpur.	Bilaspur.	Manbhum
Rice	1,217,853	578,609	732,487	768,000
Wheat	240,966	...	64,154	6,400
Other food	535,789	63,717	278,424	416,000
Oil-seeds	168,273	34,563	78,213	32,000
Sugarcane	25,740	7,349	7,012	44,000
Cotton	81,343	35,482	29,502	64,000
Fibres	1,466	...	1,044	32,000
Tobacco	37,311	...	3,074	19,200
Vegetables	4,886	...	3,109	3,200
Others	10,417	...	...	...

Trade.

8. The trade is entirely in the hands of the banjaras, who penetrate to the utmost recesses of the wild country through roads "which," Captain Blunt wrote in 1795, "nothing but the most indefatigable industry could induce him to attempt, and where the straitness of the paths and defiles barely affords a passage for him and his bullocks." Owing to absence of the facilities of export, they find here an inexhaustible supply of grain at cheap rates which they exchange for salt, piece-goods, &c. Trade statistics are not available; but during the year 1880-81 the total trade of the three towns in Chhattisgarh, *viz.*, Raipur, Nandgaon, and Dongargarh, amounted to imports Rs. 46,35,000, exports Rs. 55,72,000, total Rs. 1,02,07,000. The whole of the import trade, which consists chiefly of piece-goods, hardware and salt, will probably be carried by the railway. The annual consumption of salt, at the rate of one-tenth of a maund per head of population, amounts to more than 6,98,000 maunds.

9. The following statement shows the prices (retail) prevailing at the head-quarters of the different districts through which the proposed railway is to pass compared with those prevailing in Calcutta on the one side, and Nagpur on the other:—

Number of seers per rupee of the following articles on 15th April 1882.

NAME OF ARTICLE.	Calcutta.	Hazaribagh.	Manbhum.	Lohardaga.	Singbhum.	Raipur.	Bilaspur.	Sambalpur.	Nagpur.
Wheat	14 9/16	[illegible]	15 9/16	19	24	40	54	27	19 1/8
Barley	26 1/16	27	31	30	32	...	...	...	...
Common rice	20	22	34	26	40	46	52	54	17 1/4
Gram	24 1/16	21	20	20	24	40	60	25	24 1/2
Salt (wholesale) . . .	16	11	11	10	10	4 5/16	...	4 5/16	3 1/2

In the interior of the districts, the wholesale prices at which traders purchase grain are necessarily much cheaper than those shown in the above statement.

Forest products.

10. Various kinds of forest products are found in the jungles, some of which are of great economical value. Jungle roots, leaves, flowers, and fruits afford food to the lower classes for about three months in the year. Fibrous plants are found suitable

for making ropes, and grass for paper. Many kinds of timber, particularly the valuable sál (*shorea robusta*), the ebony and the sisu (*Dalbergia latifolia*), rot in the forests for want of facilities of export. Attempts were made to float them down the rivers, but the difficulties and expenses were too heavy to pay. Nipal formerly supplied sál timber to Lower Bengal, but since the stoppage of this supply a few years ago, Burma teak has taken its place. But even this supply, which is chiefly drawn from the Shan and Karen country in Upper Burma, is said to be getting scarcer day by day. The proposed railway will therefore open a new timber-country, which will probably be able to take possession of this trade until the Government reserved forests in other parts of the country grow up. Sál trees are at present girdled for the extraction of resin, which operation very much deteriorates the value as timber. The dyeing material found in the country consists of the different kinds of myrobalans (*terminalia chebula* and *bellerica*), amla (*emblica officinalis*), gall nuts, khayer (*acacia catechu*) and barks of several trees.* Now, the demand for myrobalans is large both for use in this country as well as for export to Europe.

Australia is also beginning to be a purchaser of this article. Another valuable tree abounds in the jungle, the mahua (*Bassia latifolia*), the wood of which is used for building purposes, the flowers as a nutritous food by the people, and from which the country spirits are distilled, and the seeds yield an oil used for burning, as well as in adulterating ghi, which article it very much resembles. Jungle products chiefly exported are lac, tasar silk, bees-wax, mahua flower, myrobalans, gall nuts, resin, catechu, &c.

Mineral products.

11. The country is very rich in minerals. Coal exists in several places. Iron is found in nodular form in most of the hill ranges, and is smelted in a rude way by the people. Copper was formerly worked, but now abandoned. Gold-dust is found in the sands of the rivers, and has probably given name to the river Subarnarekha, or the "golden streak," and a class of people subsist by washing for it. The other mineral products are lead, limestone, slate, potstone, red ochres, &c.

No. 2314--129, dated Nagpur, 28th June 1882.

From—A. H. L. FRASER, Esq., Offg. Secretary to the Chief Commissioner, Central Provinces,
To—The Secretary to the Government of India, Revenue and Agricultural Department.

I am directed to acknowledge receipt of your letter No. 480 A., dated 25th ultimo, and to submit the annexed Note on the advantages likely to be derived from the proposed railway through Chota Nagpur and the Central Provinces.

2. I am, however, to say that, except perhaps that the greater proximity of Calcutta to the eastern portions of the Chhattisgarh Division may increase the advantages of the through line to them, the advantages indicated in this Note are all likely to accrue to the districts of that division from the Nagpur and Chhattisgarh Railway already taken in hand by this Administration. It is his firm conviction of the reality of these advantages which has induced the Chief Commissioner to devote so much energy to the prosecution of that undertaking.

3. Copy of the returns of traffic for two weeks on the Nagpur and Chhattisgarh State Railway (open as far as Amgaon) are submitted for facility of reference, as showing the present trade on the line.

Note.

The proposed railway from Sitarampur to Nagpur will probably pass through the following districts of the Central Provinces, *viz.*, Sambalpur,

* I myself have seen (in 1865) the terminalia fruits lying unheeded thickly under the trees in the Chhota Nagpur jungles.

Bilaspur, Raipur, and Bhandara. Of Bhandara there is little that need be said. The head-quarters town of that district is only 40 miles from Nagpur. There is no doubt that the agriculture and commerce of this district will benefit from the extension of the line of rail through it. But the benefits to be derived by it will be small indeed compared with those to be derived by the districts of Raipur and Bilaspur. It is the importance of opening up these two districts and meeting the trade requirements of the Chhattisgarh Division that led the Chief Commissioner to push on the Nagpur and Chhattisgarh State Railway, and it is the traffic of this part of the country that will make the proposed railway from Sitarampur to Nagpur pay, as far as the Central Provinces are concerned. The benefits which will accrue to Sambalpur will no doubt also be considerable. But it is impossible to procure at present any statistics on which an accurate estimate of these benefits can be based. It is difficult, too, to estimate how far the railway may supersede the river traffic from Sambalpur. Further, very much of the trade of Sambalpur passes through Bilaspur and Raipur, and it cannot well be treated of separately.

2. Raipur is the largest district in the Central Provinces; and Bilaspur is the third, Chanda with the Sironcha Sub-Division being the second. The following figures for these two districts are interesting. They are extracted from the last Central Provinces Administration Report:—

	Area in square miles.				Population.	Revenue.	
	Cultivated.	Culturable.	Unculturable	Total.		Land.	Gross.
						Rs.	Rs.
Raipur . .	3,553	4,420	3,912	11,885	1,093,405	6,19,255	9,07,833
Bailaspur . .	2,429	1,569	3,800	7,798	715,398	2,80,661	3,98,676

The figures given above under the head "Population" are those of the census of 1872. The figures of last census show the population of the two districts to be 1,405,171 and 1,017,327 respectively.

3. One other set of figures may be extracted from the last Administration Report, *viz.*, the following figures from the Price Current:—

		Wheat.		Gram.		Common rice.	
		Srs.	Chtks.	Srs.	Chtks.	Srs.	Chtks.
Jubbulpore	1879-80	11	0	12	8	12	8
	1880-81	18	0	20	0	16	0
Nagpur	1879 80	10	4	10	0	9	12
	1880-81	14	4	14	12	11	8
Raipur	1879-80	22	8	16	0	20	0
	1880-81	27	0	23	0	23	8
Bilaspur	1879-80	22	0	22	0	28	0
	1880-81	32	0	32	0	39	0

This gives for the last two years the number of seers per rupee in the two districts of Raipur and Bilaspur as compared with the number in the two nearest railway districts; and it shows how, especially in the case of wheat and rice, the prices in Chhattisgarh rule exceedingly low owing to the want of easy communication.

4. As to trade, the returns show that the average export of the principal articles of produce of the two districts from 1864 to 1868 was—

	Wheat.	Rice.	Other grains.	Oil seeds.
	Mds.	Mds.	Mds.	Mds.
Raipur	314,487	170,296	78,937	29,908
Bilaspur	58,957	218,047	6,651	195
Total Maunds	373,444	388,343	85,588	30,103
Total Tons.	13,831	14,383	3,169	1,115

making a total of 32,498 tons, the greater part of which went to Nagpur. The average for the three years 1873—1876 was—

	Wheat.	Rice.	Other grains.	Oil seeds.
Maunds	388,124	413,316	192,315	355,514
Tons	14,375	15,311	7,123	13,167

making a total of 50,176 tons, being an increase of about 54 per cent. in eight years. It is to be borne in mind that this trade was carried on bullock carts or pack bullocks making a journey of, say about two months (going and returning) to the exporting ryots. In later years the figures for different districts are not given; but the export trade of the Central Provinces has greatly increased, and there is no doubt that the Chhattisgarh Division has its fair share of the increase.

5. The inequality of prices still existing shows the possibilities of development in the trade in these articles. Mr. Chisholm, in his settlement report on the Bilaspur District, mentions extraordinary instances of the increase of cultivation under the influence of increased demand for agricultural produce. The response made by the Chhattisgarh Division to the calls on it in the famine years give evidence to the same effect. And in view of the large amount of land still uncultivated in the two districts immediately under consideration, and of the inferior methods pursued in the cultivated area, the Chief Commissioner does not consider that Mr. J. F. K. Hewitt (Commissioner of Chota Nagpur, formerly Settlement Officer, Raipur) was too sanguine when he wrote, "Considering the fertility of the soil of Chhattisgarh, the patience and steady industry of its inhabitants, and the spirit of enterprise among them, already shewn by the large trade carried on under very great difficulties, I have no hesitation in saying that the trade would, within a year or two after the opening of the railway, reach a total of two or three hundred thousand tons a year, and that it would yearly increase."

6. The trade in lac and hides, gur and tussur cocoons is considerable and capable of large increase. The import trade, specially in salt, is very large, even now. It is bound to increase as the country is opened out and the circumstances of the people improve.

7. The forests of Bilaspur and Raipur have been found to be very valuable. Mr. Thomson, a Deputy Conservator of great experience, has recently reported very favourably of them. They are capable of great development, and are likely to become very profitable.

8. The advantages of the railway may be briefly summed up as follows:—

(1) A great granary would be opened out for the supply of the ordinary market and for the prompt relief of any famine-stricken part of India.
(2) Chhattisgarh would be delivered from the fear of famine.
(3) A fertile country eminently fitted for colonization would be opened up.
(4) Facilities for profitable manufactures would be afforded.
(5) The land revenue would be greatly increased.
(6) The line would undoubtedly be profitable as an investment.

NAGPUR AND CHHATTISGARH STATE RAILWAY.

Approximate Return of Traffic for week ended 3rd June 1882 on 98 miles open.

Coaching Traffic.			Merchandise and Mineral Traffic.		Other earnings (estimated).	Total Earnings.	Traffic Train-Miles run.	
	No. of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. F.	Rs. A. P.	Rs. A. P.			
Total traffic for the week	11,414	4,363 8 6	108,841 0	12,638 6 0	28 0 0	17,029 14 6	1,250	2,724	3,974
Or per mile of Railway (98 miles)	...	44 8 5	...	128 15 5	0 4 7	173 12 5	...	...	...
For previous 21 weeks of half-year	249,993	59,203 15 0	2,502,842 30	3,01,936 6 4	1,993 13 10	3,63,134 3 2	21,661	75,483	97,144
Total for 22 weeks	261,407	63,567 7 6	2,611,683 30	3,14,574 12 4	2,021 13 10	3,80,164 1 8	22,911	78,207	101,118
Comparison.									
Total for corresponding week of previous year	10,068	2,076 8 3	58,380 30	4,280 9 0	47 6 0	6,404 7 3	573	1,552	2,125
Per mile of Railway corresponding week of previous year (66 miles)	...	31 7 5	...	64 13 8	0 11 6	97 0 7	...	...	...
Total to corresponding date of previous year	189,987	36,540 4 0	1,798,175 10	91,646 4 1	430 8 0	1,28,617 0 1	13,843	25,634	39,477

F. L. BROWN,
Examiner, State Railway Accounts, Central Provinces.

NAGPUR;
10th June 1882

NAGPUR AND CHHATTISGARH STATE RAILWAY.

Approximate Return of Traffic for week ended 10th June 1882 on 98 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-Miles run.		
	No. of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week	10,976	2,701 0 9	73,369 0	8,433 1 0	30 7 6	11,164 9 3	898	2,303	3,201
Or per mile of Railway (98 miles)	...	27 9 0	.....	86 0 10	0 4 11	113 14 9	...	...	...
For previous 22 weeks of half-year	261,407	63,567 7 6	2,611,082 30	3,14,574 12 4	2,021 13 10	3,80,161 1 8	22,911	78,207	1,01,118
Total for 23 weeks	272,383	66,268 8 3	2,685,052 30	3,23,007 13 4	2,052 5 4	3,91,328 10 11	23,809	80,510	1,04,319
Comparison.									
Total for corresponding week of previous year	8,610	1,602 7 9	77,380 30	2,642 5 8	23 0 0	4,267 13 5	661	741	1,402
Per mile of Railway corresponding week of previous year (53 miles)	...	30 3 9	.....	49 13 8	0 6 11	80 8 4	...	...	...
Total to corresponding date of previous year	198,597	38,142 11 9	1,875,556 0	94,288 9 9	453 8 0	1,32,884 13 6	14,504	26,375	40,879

Nagpur,
17th June 1882.

F. L. BROWN,
Examiner, State Railway Accounts, Central Provinces.

No. 717A., dated Simla, 24th July 1882.
Endorsed by the Government of India, Revenue and Agricultural Department.

Copy of the above, with its enclosures and a Note drawn up in this Office, forwarded to the Public Works Department, with reference to their endorsement No. 441 R. C., dated the 9th May last.

Order.—Ordered, that this correspondence be published in the Supplement to the *Gazette of India* for information.

W. S. TREVOR, *Colonel, R. E.,*
Secretary.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

RAILWAY STORES.

LIST OF TENDERS ACCEPTED BY THE PORT STOREKEEPER OF THE STATE RAILWAY DEPARTMENT AT CALCUTTA, FOR THE SUPPLY OF STORES FOR STATE RAILWAYS, DURING THE OFFICIAL YEAR 1882-83.

Extract from the Proceedings of the Governor General in Council in the Public Works Department, No. 192 R. S., dated Simla, the 17th August 1882.

Read the following list:—

Names of Articles.	Rate delivered at Railway Station.	Per	Remarks.	Tender accepted.
Acid, carbolic	0 1 9	lb.	...	Messrs. Shyama Charan Bhaduri and Co.
,, muriatic	0 0 9	,,	...	,, Raj Kisto Dass and Co.
,, sulphuric	0 3 6	,,	...	,, Ditto.
Alkanet root	0 1 3	,,	...	,, Jogin Chunder Ghose and Co.
Alum	12 13 0	gallon	...	,, Ditto.
Ammonia, spirit of	0 3 0	lb.	...	,, Raj Kisto Dass and Co.
Antimony	0 12 0	...	...	,, Shib Kisto Daw and Co.
Aquafortis	2 3 0	gallon	...	,, Raj Coomar Mullick and Co.
Asphalt	...	cwt.	Not accepted.	,, Banerjee and Co.
Bags, gunny	7 0 0	100	...	Messrs. Kadar Nath Ghose.
Baskets, ballast, bamboo	11 6 0	100	...	,, Raj Coomar Mullick and Co.
,, cane	19 0 0	100	...	,, Poorna Chunder Coomar and Co.
,, coke, cane	6 8 0	100	...	,, Gungadhur Banerjee and Co.
,, bamboo	0 11 9	each	...	,, Joy Kissen Chunder and Co.
,, office, cane 15″ × 10″ × 3½″	0 8 0	,,	...	,, Ditto.
,, waste paper				
Belts, guards' leather, with ponchos, whistles and chains	7 0 0	,,	...	Messrs. Sigg Sulzer and Co.
Belts, guards' leather, without ponchos, whistles and chains	2 12 0	,,	...	
Belts, compressor's, cloth	0 7 0	,,	...	Ditto.
Belting, leather, best, country, single	...	lb.	See detailed list annexed.	,, Raj Kisto Dass and Co.
,, ,, double	...	,,		
,, ,, treble	560 0 0	,,		
Bismuth	0 7 0	lb.	...	,, Shib Chunder Mullick and Co.
Bones, cuttlefish, whole pieces	11 0 0	cwt.	...	,, Shib Kisto Daw and Co.
Borax, common, or sohaga	19 4 0	lb.	...	,, Jogin Chunder Ghose and Co.
,, refined	0 7 0	,,	...	,, Ditto.
Bricks, Bath	8 12 0	12	...	,, Bhola Nath Mookerjee and Co.
,, fire, best	1 12 0	100	...	,, Ahmuty and Co.
Brooms, country	4 0 0	cwt.	...	,, Raj Coomar Mullick and Co.
Buckets, fire, leather	9 0 0	each	...	,, Sigg Sulzer and Co.
,, iron, galvanized, medium size	0 3 0	12	...	,, Ahmuty and Co.
Bullets, snail	0 2 0	L. ft. to 0-5-0	...	,, Poorna Chunder Coomar and Co.
,, soondroo	0 5 9	...	...	,, Ditto.
Bunting, white	0 5 9	yard	...	,, Bhola Nath Mookerjee and Co.
,, red	0 5 9	,,	...	,, Ditto.
,, green	0 10 6	,,	...	,, Ditto.
Camphor	8 0 0	lb.	...	,, Ditto.
Cane or rattan, picked	0 2 9	cwt.	...	,, Jogin Chunder Ghose and Co.
Canvas, country		sq. yd.	...	,, Bhola Nath Mookerjee and Co.
Case, flags, signal, leather	...	each	Not accepted.	
,, tin	1 1 9	lb.	...	,, Bhola Nath Mookerjee and Co.
Catgut	5 8 0	cwt.	...	,, Upodahproosad and Jugermauth.
Cement, Roman	1 2 0	,,	...	,, Bhola Nath Mookerjee and Co.
Chalk, white	4 8 0	each	...	,, Jogin Chunder Ghose and Co.
Chairs, office, armed	2 8 0	,,	...	,, Ditto.
,, plain	25 0 0	,,	...	,, Kadar Nath Ghose and Co.
Chloride of lime	2 2 0	cwt.	...	,, Bhola Nath Mookerjee and Co.
Clay, fire, best	0 1 6	yard	...	,, Jogin Chunder Ghose and Co.
Cloth, cotton dungree, 18″ wide	...	ton	...	
Coal, rubble, country	...	,,	Not accepted.	
,, smithy ,,	...	,,	...	
,, steam ,,	...	,,	...	
Coke	...	,,	...	
,, English	32 15 0	cwt.	...	,, Bhola Nath Mookerjee and Co.
Copper sulphate	6 4 0	,,	...	,, Raj Coomar Mullick and Co.
Cord, loose woollen, coarse	1 4 0	each	...	,, Raj Kisto Dass and Co.
Cornbolees, woollen, coarse	1 10 0	,,	...	,, Joy Kissen Chunder and Co.
,, fine	2 4 9	cwt.	...	,, Ditto.
Dammer	6 8 0	each	...	,, Ahmuty and Co.
Dhawe (native hatchets)	0 13 9	doz.	...	,, Jogin Chunder Ghose and Co.
Dusters, cotton, common	0 8 0	qntre	...	,, Ram Chunder Dutt and Co.
Emery cloth, of sorts	0 3 9	lb.	...	,, Shib Kisto Daw and Co.
,, four	0 3 6	,,	...	,, Ditto.
,, powder	1 8 0	doz.	...	,, Gungadhur Banerjee and Co.
Erasers, ink, Faber's	12 0 0	gallon	...	,, Ahmuty and Co.
Ether, spirit of	0 8 0	each	...	,, Raj Kisto Dass and Co.
Fodder, oil, conical	0 3 0	,,	...	,, Ditto.
,, spring	1 0 0	,,	...	,, Jogin Chunder Ghose and Co.
Felt, dry	0 2 0	piece	...	,, Ditto.
,, tarred, in pieces	0 4 6	,,	...	,, Ditto.
,, in rolls	0 8 6	yard	...	,, Ahmuty and Co.
Flags, pointsmen's, bunting, green	5 4 0	12	...	,, Ditto.
,, red	5 4 0	12	...	

Names of Articles.	Rate delivered at Railway Station.	Per	Remarks.	Tender accepted.
Flags, pointsman's, bunting, white	5 4 0	12	... ...	Messrs. Ahmuty and Co.
* Flax, dressed, best	11 0 0	cwt.	... ...	,, Ditto.
Fuze, blasting, 300 coils in cask	...	cask	Not accepted.	
Gold leaf	8 4 0	12 books	... ...	,, Bhola Nath Mookerjee and Co.
Gongs, bell-metal	0 13 3	lb.	... ...	,, Ujoodahprosad and Juggernauth.
Glass panes, of sizes, white	0 1 10	sq. ft.	... ...	,, Gungadhur Banerjee and Co.
,, red	0 3 0	,,	... ...	,, Ditto.
,, green	0 3 0	,,	... ...	,, Ditto.
* Glue, common	0 4 0	lb.	... ...	,, Shib Kristo Daw and Co.
,, best, China	0 5 6	,,	... ...	,, Ujoodahprosad and Joggernauth.
* Gum, Arabic, picked	0 4 6	,,	... ...	,, Gungadhur Banerjee and Co.
Handles, adze, ash	2 4 0	12	... ...	,, Ujoodahprosad and Juggernauth.
,, beater or pickaxe	2 13 0	12	... ...	,, Ditto.
,, ,, soondree	1 13 0	12	... ...	,, Ditto.
,, hammer, large ash	2 13 0	12	... ...	,, Ditto.
,, ,, small ash	2 4 0	12	... ...	,, Ditto.
* Hemp, dressed best	1¼ 8 0	cwt.	... ...	,, Ahmuty and Co.
Jute teasings	6 7 0	,,	... ...	,, Gungadhur Banerjee and Co.
Khus-khus	2 13 0	,,	... ...	,, Ujoodahprosad and Juggernauth.
Laces, leather, belting	0 14 0	lb.	... ...	,, Sigg Sulzer and Co.
Leather, in hides, tanned, country	0 14 0	,,	... ...	,, Ditto.
Litharge	0 3 6	,,	... ...	,, Gungadhur Banerjee and Co.
Marline, tarred	16 4 0	cwt.	... ...	,, Degumber Dass.
Matting, bamboo	0 1 6	sq. ft.	... ...	,, Gungadhur Banerjee and Co.
,, cane	0 5 0	,,	... ...	,, Ditto.
,, China, full size	...	piece	Not accepted.	
,, coir	0 12 0	sq. yd.	... ...	,, Ahmuty and Co.
Moats, leather	...	each	Not accepted.	
Oakum, picked	9 15 0	cwt.	... ...	,, Bhola Nath Mookerjee and Co.
Oil, castor (Rates included cost of casks, cases, and drums.)	11 0 0	,,	... ...	,, Scoresh Chunder Paul and Co.
,, cocoanut	13 0 0	,,	... ...	,, Ditto.
,, earth petroleum	1 0 0	gallon	... ...	,, Bhola Nath Mookerjee and Co.
,, gurjon	0 15 6	,,	... ...	,, Ujoodahprosad and Juggernauth.
,, neat's foot	0 12 0	,,	... ...	,, Bhola Nath Mookerjee and Co.
,, kerosine, Devoe's best	4 7 0	case	... ...	,, Gungadhur Banerjee and Co.
* ,, linseed, boiled, English	2 0 0	gallon	... ...	,, Ahmuty and Co.
* ,, ,, raw	1 14 0	,,	... ...	,, Ditto.
,, ,, boiled, country	1 14 0	,,	... ...	,, Ditto.
,, ,, raw	1 12 0	,,	... ...	,, Ditto.
Paint, red, Olpherts (oxide of iron)	8 0 0	cwt.	... ...	,, Kadar Nath Ghose and Co.
Paper, sand or glass	0 8 0	quire	... ...	,, Ahmuty and Co.
Paulins, oiled	1 1 0	sq. yd.	... ...	,, Ditto.
,, tarred	0 14 0	,,	... ...	,, Ujoodahprosad and Juggernauth
Pots, drinking, iron, enamelled	0 8 0	each	... ...	,, Kadar Nath Ghose and Co.
,, ,, tin ,,	0 1 4	,,	... ...	,, Raj Kisto Dass and Co.
Potash, country	80 10 0	cwt.	... ...	,, Ram Chunder Dutt and Co.
Powder, blasting	...	,,	No tender received.	
,, disinfecting	12 0 0	,,	... ...	,, Ahmuty and Co.
Pumice stones, whole pieces	14 0 0	,,	... ...	,, Banerjee and Co.
Rings, gauge, glass, India-rubber, of sizes	0 8 0	12	... ...	,, Ahmuty and Co.
* Rope, coir, 1" to 1¼"	14 0 0	cwt.	... ...	,, Ditto.
* ,, ,, 2" to 8"	14 0 0	,,	... ...	,, Ditto.
* ,, hemp, dry, 1" to 1¾"	20 0 0	,,	... ...	,, Ditto.
* ,, ,, ,, 2" to 8"	19 0 0	,,	... ...	,, Ditto.
* ,, ,, tarred, 1" to 1¼"	18 0 0	,,	... ...	,, Ditto.
* ,, ,, ,, 2" to 8"	17 0 0	,,	... ...	,, Ditto.
* ,, Manilla 1" to 1¼"	30 0 0	,,	... ...	,, Ditto.
* ,, ,, 2" to 8"	29 0 0	,,	... ...	,, Ditto.
* ,, tail, with hooks	14 8 0	each to 16-8-0	... ...	,, Joy Kissen Chunder and Co.
Rosin	5 13 0	cwt.	... ...	
Rotton stone	...	,,	Not accepted.	
Sajimatti, or fuller's earth	3 11 6	,,	... ...	,, Bhola Nath Mookerjee and Co.
Saltpetre	10 6 0	,,	... ...	,, Joy Kissen Chunder and Co.
Salammoniac	34 7 0	,,	... ...	,, Ujoodahprosad and Joggernauth.
Sand, moulders, best, country	5 0 0	ton	... ...	,, Raj Coomar Mullick and Co.
Shells, oyster	5 8 0	cwt.	... ...	,, Shyama Charan Bhaduri and Co.
Signal, fog, in tin cases of 12	2 12 0	12	... ...	,, Ahmuty and Co.
Skins, wash, or chamois leather	1 0 0	each	... ...	,, Jogin Chunder Ghose and Co.
Soap, bar, country	12 0 0	cwt.	... ...	,, Bhola Nath Mookerjee and Co.
,, soft ,,	17 7 0	,,	... ...	,, Patitpaban Mittra and Aduittya Chundra Bose.
,, in cakes	0 10 6	dozen	... ...	,, Raj Kisto Dass and Co.
Soda	7 15 0	cwt.	... ...	,, Bhola Nath Mookerjee and Co.
* Sponges, medium quality	0 14 0	oz.	... ...	,, Ujoodahprosad and Juggernauth.
Staves, flag	0 12 0	12	... ...	,, Gungadhur Banerjee and Co.
Straw, for packing	0 14 0	cwt.	... ...	,, Ditto.
Soda, carbonate of	8 4 0	,,	... ...	,, Bhola Nath Mookerjee and Co.
Tallow, best, country (Rates to include cost of casks.)	16 8 0	cwt.	... ...	,, Jogin Chunder Ghose and Co.
Tar, coal, best	8 15 0	casks of 36 gallons.	... ...	,, Bhola Nath Mookerjee and Co
Tar, Stockholm	14 15 0	,,	... ...	,, Ditto.
Turpentine	2 10 0	gallon	... ...	,, Poorna Chunder Coomar and Co.
Twine, Bengal, in hanks	0 2 9	lb.	... ...	,, Bhola Nath Mookerjee and Co.
Twist, cotton (in pressed bales)	40 0 0	cwt.	... ...	,, Raj Kisto Dass and Co.
Vermillion, China	0 8 6	lb.	... ...	,, Gungadhur Banerjee and Co.
Wax, bees'	0 11 6	,,	... ...	,, Ditto.
,, sealing, for cash bags	0 4 0	,,	... ...	,, Raj Kisto Dass and Co.
Waste, cotton, No. 1 quality. (In pressed bales)	20 0 0	cwt.	... ...	,, Ditto.
,, ,, No. 2 ,,	18 0 0	,,	... ...	,, Ahmuty and Co.
,, ,, No. 3 ,,	12 8 0	,,	... ...	,, Jogin Chunder Ghose and Co.
,, jute	6 0 0	,,	... ...	,, Gungadhur Banerjee and Co.
Wicks for kerosine oil, ½-inch	0 0 6	yard	... ...	,, Poorna Chunder Coomar and Co.
,, ,, ,, ¾ ,,	0 0 9	,,	... ...	,, Ditto.
,, ,, ,, ⅞ ,,	0 0 10	,,	... ...	,, Ditto.
,, ,, ,, 1 ,,	0 1 0	,,	... ...	,, Ditto.
,, ,, ,, 1¼ ,,	0 1 3	,,	... ...	,, Ditto.
,, ,, ,, 1½ ,,	0 1 6	,,	... ...	,, Ditto.
Yarn, coir	9 0 0	cwt.	... ...	,, Degumbur Dass.
,, spun, dressed	16 0 0	,,	... ...	,, Ram Chunder Dutt.

Accepted rates for country belting leather.

	Sizes.															Remarks.
	1½"	2"	2½"	3"	3½"	4"	5"	6"	7"	8"	9"	10"	4½"	12"	Per	
Single	0 3 00	4 00	5 00	6 00	7 00	8 00	10 00	12 00	14 00	1 0 0	1 2 0	1 2 0	0 9 0	1 4 0	Foot	Sigg Sulzer & Co.
Double	0 5 00	6 00	8 00	12 00	14 00	15 01	2 01	6 01	12 02	2 02	4 02	6 00	15 02	10 0	,,	
Treble	0 8 00	10 00	13 01	0 01	3 01	6 01	11 02	0 02	6 02	12 03	0 03	10 01	8 04	0 0	,,	

ORDER.—Ordered, that this list be published in the Supplement to the *Gazette of India* for information.

W. S. TREVOR, *Colonel, R.E.*,
Secretary.

GOVERNMENT OF INDIA.

DEPARTMENT OF FINANCE AND COMMERCE.

SUPPLEMENT TO THE STATEMENTS OF PRICES CURRENT OF FOOD-GRAINS FOR THE 2nd HALF OF JUNE 1882, PUBLISHED IN PAGES 978, 979, 986 AND 987 OF THE SUPPLEMENT TO THE "GAZETTE OF INDIA," DATED 29th JULY 1882.

Provinces.	Districts.	Average wages per month. Able-bodied Agricultural Labourer.	Syce or Horse-keeper.	Common Mason, Carpenter, or Blacksmith.
		Rs. A. P.	Rs. A. P.	Rs. A. P.
Madras	Anantapur	3 14 7	4 8 0	14 10 11
	Trichinopoly	4 0 0	6 8 0	10 8 0
Rajpootana	Erinpura	6 0 0	6 0 0	12 0 0
	Sirohee	6-0 to 10-0	6-0 to 8-0	10-0 to 25-0
	Abu	8 0 0	6-0 to 8-0	15-0 to 25-0
	Anadra	6-0 to 10-0	8 0 0	15-0 to 25-0
	Marwar (Jodhpore)	8 0 0	5 0 0	10 0 0

D. M. BARBOUR,
Secretary to the Govt. of India.

DEPARTMENT OF FINANCE AND COMMERCE,
(*Statistical Branch*).

GOVERNMENT

DEPARTMENT OF FIN

OF INDIA.

ANCE AND COMMERCE.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT

INDIA FOR THE 2nd HALF OF JULY 1882.

QUANTITIES PER RUPEE

IN SEERS OF 80 TOLAHS.

Provinces.	Districts.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholum Jowar), *Holcus Sorghum*. Present fortnight.	Great Millet (Cholum Jowar), *Holcus Sorghum*. Past fortnight.	Great Millet (Cholum Jowar), *Holcus Sorghum*. Corresponding fortnight of 1881.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata*. Present fortnight.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata*. Past fortnight.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata*. Corresponding fortnight of 1881.	Lesser Millets, Ragi, &c. (Kuvaru, Varagu, Sawee, Cheenu, Coraloo, Murnwa, Nuglee), *Panicum Miliaceum*, &c. Present fortnight.	Lesser Millets, Ragi, &c. (Kuvaru, Varagu, Sawee, Cheenu, Coraloo, Murnwa, Nuglee), *Panicum Miliaceum*, &c. Past fortnight.	Lesser Millets, Ragi, &c. (Kuvaru, Varagu, Sawee, Cheenu, Coraloo, Murnwa, Nuglee), *Panicum Miliaceum*, &c. Corresponding fortnight of 1881.	Gram. Present fortnight.	Gram. Past fortnight.	Gram. Corresponding fortnight of 1881.	Firewood. Present fortnight.	Firewood. Past fortnight.	Firewood. Corresponding fortnight of 1881.	Salt. Wholesale. Present fortnight.	Salt. Wholesale. Past fortnight.	Salt. Wholesale. Corresponding fortnight of 1881.	Salt. Retail. Present fortnight.	Salt. Retail. Past fortnight.	Salt. Retail. Corresponding fortnight of 1881.	Districts.	Provinces.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.		
Madras.	Ganjam	8 13	5 14	11 13*	...	...	...	17 13	17 13	17 13	19 8	19 8	19 8	...	...	...	...	...	...	35 3	35 3	32 3	26 10	26 10	32 10	215 13	215 13	215 13	...	...	...	13 13	13 13	12 0	Ganjam	Madras.
	Vizagapatam	10 0	8 0	14 8	...	...	...	9 0	9 0	13 6	11 5	11 5	14 11	21 10	17 5	25 14	20 13	18 13	25 13	26 5	24 3	28 5	25 11	22 3	30 6	93 5	93 5	87 8	15 3	15 3	11 11	14 10	14 10	10 8	Vizagapatam	
	Godavery	12 10	12 10	12 10	...	...	...	13 14	13 14	13 14	17 0	17 0	17 0	26 13	27 13	...	...	...	...	29 2	33 10	36 6	26 3	25 3	33 10	194 6	194 6	194 6	14 10	14 10	12 8	14 10	14 10	10 8	Godavery	
	Kistna	13 3	14 11	14 0	...	...	...	16 3	16 3	16 11	16 13	17 2	17 6	24 14	23 6	28 10	...	...	...	35 3	33 13	38 3	21 11	21 6	29 10	145 13	145 13	145 13	14 13	14 13	13 3	14 13	14 13	12 11	Kistna	
	Nellore	13 3	13 3	12 3	...	...	...	15 13	15 13	14 5	17 8	17 8	15 0	33 10	33 10	28 13	...	...	...	36 6	36 0	30 14	23 2	27 5	26 3	186 10	186 10	93 5	14 13	14 13	13 3	14 13	14 13	12 11	Nellore	
	Cuddapah	12 8	12 8	14 11	...	...	...	11 14	11 14	11 14	13 11	13 11	13 5	26 0	26 0	30 6	31 14	31 14	32 10	31 8	31 8	33 0	29 3	29 3	35 5	194 6	194 6	194 6	17 2	16 10	13 14	16 10	16 3	13 8	Cuddapah	
	Anantapur	14 6	14 6	11 8	...	...	...	13 14	13 14	13 14	15 2	15 2	15 2	30 14	30 14	33 0	18 13	18 13	18 13	31 0	33 0	34 14	31 5	33 10	40 5	...	...	...	14 5	14 5	11 14	14 5	14 5	11 14	Anantapur	
	Bellary	14 6	15 0	15 13	...	...	...	12 5	12 5	12 13	13 8	13 8	14 0	33 0	33 0	33 0	24 6	22 13	30 2	27 3	31 0	31 0	28 0	28 0	34 11	97 3	97 3	97 3	15 3	15 13	13 6	14 13	15 8	13 2	Bellary	
	Kurnool	12 11	13 6	11 6	...	...	...	11 6	10 10	10 10	12 2	11 6	11 6	30 2	29 6	27 6	22 8	22 8	28 11	29 10	29 10	...	26 3	24 6	28 8	198 3	190 8	199 11	14 13	14 6	12 8	14 6	14 0	12 2	Kurnool	
	Madras	10 2	9 13	9 8	...	...	...	13 5	13 5	13 8	15 2	15 2	14 3	24 8	23 0	20 14	25 0	25 0	22 6	28 0	27 6	27 6	24 10	24 10	27 11	81 6	81 6	81 6	16 11	16 14	14 6	16 3	16 3	13 14	Madras	
	Chingleput	...	...	...	...	...	...	15 0	15 0	15 0	15 14	15 14	16 10	...	...	...	27 11	26 14	21 3	27 6	27 6	24 11	23 6	23 6	26 8	92 5	92 5	77 13	17 5	17 5	14 5	17 0	17 0	13 14	Chingleput	
	North Arcot	10 8	11 6	11 0	...	...	...	15 0	14 0	14 0	16 14	17 5	15 0	30 14	32 3	27 5	27 3	28 14	28 2	34 3	33 5	30 13	24 10	26 10	30 8	201 11	201 11	199 5	19 5	19 5	15 5	18 14	18 14	14 13	North Arcot	
	South Arcot	9 6	10 2	10 2	...	...	...	15 11	15 11	13 14	16 10	16 10	14 6	...	...	...	27 11	26 14	21 3	34 0	39 5	30 3	28 14	29 11	29 11	194 6	194 6	194 6	15 10	15 10	12 6	15 3	15 3	12 6	Tanjore	
	Tanjore	10 5	11 0	10 5	...	...	...	17 13	17 13	14 2	...	...	...	34 3	36 10	25 6	30 6	32 10	29 0	27 8	32 11	27 8	33 14	33 14	30 0	97 3	97 3	97 3	17 13	17 13	12 14	17 0	17 0	12 3	Trichinopoly	
	Trichinopoly	...	9 10	11 3	...	...	...	13 11	15 13	13 11	14 2	16 0	14 8	25 3	30 13	22 6	25 6	29 3	26 11	31	32 8	27 14	34 11	34 11	34 11	145 13	170 2	93 5	17 5	16 6	11 3	16 13	16 0	10 14	Madura	
	Madura	11 11	11 0	12 14	...	...	...	15 8	16 0	13 0	16 0	16 8	13 8	31 10	34 0	30 13	30 14	32 5	24 5	...	...	...	29 11	29 11	27 2	81 10	81 10	76 13	18 11	18 11	14 13	16 5	16 5	14 5	Tinnevelly	
	Tinnevelly	9 3	9 3	8 14	...	...	...	15 8	15 8	10 11	16 0	16 0	11 10	...	...	...	...	...	...	27 14	31 3	27 14	31 5	31 5	41 13	131 3	131 3	131 3	14 2	14 2	12 3	13 10	13 10	11 11	Coimbatore	
	Coimbatore	10 11	11 8	13 8	...	...	...	13 8	13 8	13 8	14 8	14 8	14 8	26 2	27 13	25 3	28 10	31 13	30 3	20 13	21 10	20 3	22 6	22 6	24 14	161 13	161 13	121 8	11 0	11 0	9 3	11 0	11 0	9 3	Nilgiris	
	Nilgiris	9 14	9 14	9 14	...	...	...	9 10	9 10	10 6	11 3	11 3	12 0	20 0	20 0	20 0	22 6	19 10	21 0	29 0	30 13	30 13	33 8	35 8	39 6	151 10	151 10	151 10	18 0	16 6	14 5	15 6	15 5	13 5	Salem	
	Salem	12 11	12 11	13 10	...	...	...	14 0	14 10	14 0	15 0	15 10	16 0	29 2	29 2	27 5	19 11	23 18	26 3	19 6	19 6	21 2	21 8	21 3	23 3	116 6	116 6	109 5	11 0	11 0	11 8	10 0	10 0	10 13	South Canara	
	South Canara	8 10	8 10	10 5	...	...	...	9 3	9 11	8 11	11 13	13 3	14 11	...	...	...	...	...	...	21 14	23 6	23 5	25 8	25 3	31 14	121 8	121 8	121 8	13 8	13 8	10 13	12 10	12 10	9 14	Malabar	
	Malabar	7 3	7 14	7 3	...	...	...	13 5	14 10	15 3	13 13	15 0	15 13	...	...	...	...	...	...																
Bombay.	Bombay	10 9	10 4	11 6	16 5	17 10	16 14	7 8	7 9	7 1	10 13	11 5	11 7	20 0	18 15	21 4	15 15	15 11	19 8	18 0	19 13	13 0	15 15	16 4	18 12	61 7	61 14	61 6	14 6	14 6	12 9	14 6	14 6	12 9	Bombay	Bombay.
	Ahmedabad	13 8	12 8	15 8	...	...	23 0	7 0	31 0	7 8	8 0	8 0	12 8	17 0	17 0	25 0	16 8	14 8	22 8	...	...	...	20 0	20 0	28 8	80 0	80 0	80 0	16 8	16 8	13 4	16 0	16 0	13 0	Ahmedabad	
	Kaira	13 5	12 5	14 9	20 0	20 0	32 0	10 0	10 0	9 6	16 0	15 4	14 9	20 0	17 12	22 14	16 0	15 4	20 0	...	...	...	22 14	21 5	21 5	80 0	80 0	80 0	...	...	16 0	16 0	16 0	12 13	Kaira	
	Surat	12 8	12 8	13 10	7 11	7 11	12 4	8 3	8 1	6 13	8 12	8 12	8 5	15 9	15 9	9 8	13 14	14 14	17 13	...	...	...	16 0	16 0	20 0	106 0	106 0	106 0	15 4	15 4	12 12½	15 4	15 4	12 12½	Surat	
	Broach	12 5	12 5	16 0	...	...	...	9 6½	9 6½	8 14½	12 9	12 9	11 6½	15 4	15 4	14 13	13 10	13 10	13 10	25 11	25 11	15 4	14 15	14 15	14 15	71 1	71 1	71 1	14 5	14 5	11 7	12 12	12 12	10 2	Broach	
	Tanna (Salsette)	9 12	9 12	11 11	...	...	...	8 3	8 3	7 3	10 0	10 0	11 4	18 10	18 10	18 10	15 0	15 0	18 0	...	...	...	14 0	14 0	13 0	120 0	120 0	110 0	12 0	12 0	11 0	11 0	11 0	10 8	Tanna (Salsette)	
	Colába (Alibág)	10 0	10 0	10 0	...	...	...	7 0	7 0	6 12	13 0	13 0	13 8	...	...	...	...	...	...	...	...	...	17 1	17 1	25 2½	140 0	140 0	140 0	14 2	14 2	12 2	14 0	14 0	12 0	Colába (Alibág)	
	Khandesh (Dhulia)	14 2	14 2	18 8½	...	...	...	7 4	7 4	7 4	10 15	10 15	10 15	23 13	23 13	27 3	18 14½	18 14½	23 6½	30 0	30 0	25 8	18 0	18 0	3 12	128 0	128 0	115 0	14 8	14 8	12 14	14 4	14 4	12 12	Khandesh (Dhulia)	
	Násik	15 8	15 8	16 8	...	...	...	7 7	7 7	7 7	12 0	12 0	11 14	...	...	24 4	19 6	19 6	19 4	...	...	...	19 12	19 10	24 1	91 5	91 5	106 10	14 9	14 9	11 2½	14 7	14 7	11 0	Násik	
	Ahmednagar	13 12	14 1	17 4	...	...	...	9 7	9 9	8 8	12 5	11 12	10 8	31 5	28 0	34 2	24 1	23 8	26 14	...	...	...	17 4	17 4	19 9	68 0	68 0	76 0	13 1	13 1	11 6	12 13	12 13	11 2	Ahmednagar	
	Poona	12 10	12 10	13 13	...	...	...	11 0	11 0	9 3	12 4	12 4	11 0	23 15	23 15	26 2	18 6	18 6	18 6	...	...	...	18 11	20 1	25 9	80 0	85 0	85 0	13 8	13 8	12 0	12 8	12 12	11 8	Poona	
	Sholápur	12 11	14 1	17 3	...	...	...	10 11	10 7	11 7	11 8	11 5	12 4	35 6	31 15	35 6	24 13	23 14	32 2	...	...	...	14 0	14 0	16 0	130 0	120 0	112 0	11 3	11 8	10 0	11 0	11 0	9 12	Sholápur	
	Kaládgi (Bagalkot)	19 0	19 0	17 0	14 8	14 0	15 0	6 8	6 8	7 12	9 0	9 0	9 12	35 0	35 0	25 0	31 0	29 0	25 0	...	...	...	15 10	14 5	16 14	110 15	110 15	116 8	12 6	12 6	10 14	11 10	11 10	10 3	Satara	
	Satara	12 1	12 1	14 11	...	...	...	9 11	9 11	9 5	11 7	11 7	11 7	26 10	25 5	25 4	22 0	22 0	23 4	35 0	35 0	35 0	13 0	13 8	17 0	75 0	75 0	65 0	12 8	12 0	11 0	12 0	11 8	10 0	Belgaum	
	Belgaum	19 0	19 0	18 0	13 0	13 0	11 0	9 8	10 0	11 0	10 0	10 8	11 8	27 0	27 0	27 0	24 0	24 0	30 0	28 0	28 0	49 0	11 0	11 0	21 0	80 0	80 0	80 0	8 12	8 12	8 0	8 0	8 0	8 0	Dharwar (Hubli)	
	Dharwar (Hubli)	23 0	22 0	24 0	...	...	...	11 0	11 0	12 0	13 0	12 0	15 0	26 0	25 0	43 0	23 0	23 0	42 0	21 2	21 2	18 13	14 0	14 0	16 13	120 0	120 0	165 0	11 13	11 13	9 1	11 10	11 10	9 1	Ratnágiri	
	Ratnágiri	10 9	10 9	10 9	...	...	...	7 13	7 13	9 4	12 11	12 11	12 11	18 3	18 3	20 13	14 11	14 11	15 15	21 0	21 0	22 8	12 0	13 0	21 3	213 5	213 5	213 5	11 8	11 8	9 12	10 8	10 8	8 12	Kanara (Karwar)	
	Kanara (Karwar)	9 0	9 0	13 0	...	...	...	8 0	8 0	7 4	11 8	11 8	15 0	16 0	16 0	22 0	...	...	...	23 0	23 0	40 0	25 0	25 0	32 0	200 0	200 0	200 0	16 0	16 0	...	15 4	15 4	11 6	Pánch Mahális (Godhra)	
	Pánch Mahális (Godhra)	11 6	11 6	13 15	...	...	...	11 6	11 6	11 6	15 0	15 0	15 0	22 8	22 8	40 0	16 0	16 0	16 0	...	...	...	9 5	9 5	9 5	65 5	65 5	65 5	...	...	...	32 0	32 0	32 0	Aden	
	Aden	8 0	8 0	8 0	...	...	...	6 3	6 3	6 3	7 0	7 0	7 0	11 3	11 3	9 5	9 5	9 5	8 0	...	...	...	19 8	19 13	26 0	160 0	160 0	160 0	12 0	12 1	10 0	12 0	12 1	10 0	Asirgarh	
	Asirgarh	13 12	13 14	16 8	...	...	...	11 1	11 0	10 0	11 12	12 0	12 0	22 14	22 9	35 0	24 0	24 0	30 0	...	...	...	17 10	17 9	20 9	82 4	81 11	91 0	14 11½	14 5	12 0	14 10½	14 0	12 0	Baroda	
	Baroda	10 4½	10 9½	11 7	14 10½	14 12	17 2	9 2	8 12½	7 11	11 6	11 6	11 7	16 7	16 6	20 9	14 10½	14 15	18 14	...	...	...	17 0	18 8	20 9	137 8	137 8	137 8	13 8	13 8	10 8	13 0	13 0	10 0	Disa	
	Disa	13 13	13 4	16 0	...	...	...	6 6	6 6	6 6	8 11	8 11	8 6	17 8	17 8	24 12	16 0	16 0	21 11	...	...	...	18 8	17 8	22 0	160 0	160 0	140 0	...	...	...	11 0	11 0	8 0	Nimach	
	Nimach	15 0	14 0	18 0	18 0	18 0	27 0	8 12	8 8	7 8	10 0	10 0	9 0	19 8	18 8	26 8	16 0	0 11	21 0	...	...	...	22 10	22 2¾	21 13	81 9	85 0	76 9	†16 6½	†16 6½	...	16 0†	16 0†	†12 5½	Nasirabad	
	Nasirabad	16 2½	16 8	16 10½	22 12½	22 3½	22 5½	6 0	6 0	6 0	7 0	7 0	7 0	23 3½	21 4½	26 6	16 2½	16 8	17 14	...	...	...	16 14	16 6	25 12	73 8	77 8	75 0	†55 0	†55 0	†45 0	48 0†	...		Rájkot	
	Rájkot	13 2	12 8	17 4	...	...	...	6 8	6 8	5 8	11 0	11 0	10 8	14 15	14 6	26 12	13 7	13 0	22 0	40 0	40 0	...	20 0	20 0	18 0	160 0	160 0	160 0	‡12 5	‡12 5	‡10 10½	‡12 4	‡12 4	‡10 0	Upper Sindh Frontier	
	Upper Sindh Frontier	14 5	14 4	12 0	26 0	26 0	18 0	11 4	11 4	9 2	20 0	20 0	12 8	32 0	32 0	27 0	28 0	28 0	0 ...	11 0	11 0	9 8	17 0	17 0	20 0	105 0	103 0	103 0	17 13	17 13	14 3	17 0	17 0	14 0	Karachi	
	Karachi	12 5	12 5	11 10	21 8	21 8	18 0	9 8	9 8	9 0	17 0	17 0	12 0	22 0	22 0	18 0	18 0	18 0	13 0				15 0	11 0	14 0	480 0	480 0	320 0	14 0	14 0	10 0	14 0	14 0	10 0	Haidarabad (Nakur)	
	Haidarabad (Nakur)	16 0	16 0	13 0	26 0	25 0	20 0	12 0	12 0	10 0	21 0	20 0	14 0	26 0	26 0	20 0	25 0	25 0	20 0	...	...	...	...	...	...	...	...	...	...	No return received.			Shikarpur	
	Shikarpur	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Thar and Parkar (Umarkot)	17 12	17 8	16 0	...	...	...	...	...	...	13 4	13 7	9 8	...	...	...	18 4	17 13	16 3	...	...	...	160 0	160 0	160 0	10 15	10 11	9 10	10 15	10 11	9 10				Thar and Parkar (Umarkot)	
	Western Districts.																												Prices per md. of 40 seers.						*Western Districts.*	
																													Rs. A. P.	Rs. A. P.	Rs. A. P.					
Bengal.	Burdwan	14 0a	14 0	16 0	30 0	45 0	30 0	24 0	22 0	24 0	26 8	24 8	28 8	...	...	...	...	...	...	...	...	...	20 0	23 0	24 0	120 0	120 0	80 0	2 15 0	2 13 0	...	13 8	13 12	10 0	Burdwan	Bengal.
	Bancoorah	13 8a	14 0	18 0	15 0	16 0	17 0	22 8	25 0	22 8	29 0	30 0	32 0	...	...	...	...	...	...	...	...	...	18 0	18 0	20 0	240 0	280 0	240 0	3 3 0	3 0 0	...	12 0	13 0	9 0	Bancoorah	
	Beerbhoom	13 4c	13 8	18 0	...	...	...	18 12	18 0	25 0	24 0	24 0	28 0	...	...	...	...	...	...	...	...	...	20 0	22 0	23 0	180 0	160 0	180 0	3 7 0	3 3 0	...	11 8	12 8	9 0	Beerbhoom	
	Midnapore	14 0d	14 0	15 0	...	...	...	21 0	20 0	27 0	24 8	24 0	33 0	...	...	...	...	...	...	...	...	...	17 0	18 0	18 0	160 0	160 0	160 0	3 0 0	3 0 0	...	13 8	13 8	9 0	Midnapore	
	Hooghly	18 0e	18 0	15 0	...	...	...	10 0	10 0	10 0	19 0	20 0	21 0	...	...	...	...	...	...	...	...	...	20 0	20 0	21 0	120 0	120 0	100 0	2 14 0	2 14 0	3 12 0	13 9	13 9	9 0	Hooghly	
	Howrah	18 4	13 0	15 4	...	...	...	16 0	16 0	16 0	19 8	19 8	21 0	...	...	...	...	...	...	...	...	...	19 8	20 0	21 4	80 0	80 0	80 0	3 0 0	2 14 0	3 14 8	13 0	13 0	...	Howrah	

* The figure (13·0) quoted in the statement for fortnight ending 31st July 1881 is incorrect.

a In the sub-divisions retail prices of salt are as follow:—Cuttwa 12 seers, Culna 15 seers, and Ranegunge 13-5 seers.

b Retail prices of salt at Kaipore and Sonamukhi 12-8 seers, at Onda and Indas 16 seers, at Mejia and Bishenpore 13 seers, at Chatna 12 seers, and at Kotulporo 14 seers.

c In the interior retail prices of salt range from 10 to 14 seers.

d In the sub-divisions retail prices of salt are as follow:—Contai 13 seers, Tumlook 13 seers, and Ghattal 15 seers.

e Retail prices of salt at Babugunge, Jhekrapota, and Balor 13-9 seers, at Serampore 13 seers, at Chanditola 12 seers, at Baidyabati 14 seers, at Bhuddessur 14-12 seers, and at Jehanabad 13-8 seers.

† Sambhur salt.

‡ In common use.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT INDIA FOR THE 2nd HALF OF JULY 1882—*continued.*

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

PROVINCES.	DISTRICTS.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholum, Jowar), *Holcus Sorghum.* Present fortnight.	Great Millet (Cholum, Jowar), *Holcus Sorghum.* Past fortnight.	Great Millet (Cholum, Jowar), *Holcus Sorghum.* Corresponding fortnight of 1881.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.* Present fortnight.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.* Past fortnight.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.* Corresponding fortnight of 1881.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
	Central Districts.																		
Central Districts—confd.	Calcutta	13 5	14 0	17 4	21 5	23 2	40 0	10 0	10 0	7 4	20 0	20 0	16 0	...	...	...	...	...	...
	24-Pergunnahs	11 12*f*	12 12	14 0	20 0	22 8	26 0	9 0	10 0	10 8	16 0	18 0	20 0	20 0	22 8	...	...	13 12	...
	Nuddea	14 8*g*	14 8	16 0	26 0	26 0	32 0	16 13	16 13	16 13	20 0	20 0	21 5½	...	...	...	...	...	...
	Khoolna	...*h*	...	...	...	...	...	16 0	16 0	17 0	22 0	22 0	21 0	...	...	...	...	...	...
	Jessore	14 0*i*	16 0	15 8	...	...	...	17 0	18 0	20 0	22 0	22 0	29 0	...	...	...	...	...	...
	Moorshedabad	15 0*j*	16 0	20 0	...	...	...	16 0	17 12	18 0	24 0	25 0	26 0	...	...	...	...	...	...
	Dinagepore	11 0*k*	11 8	15 0	17 0	16 0	26 8	16 0	21 0	22 4	19 3	26 8	30 0	...	...	...	...	...	...
	Rajshahye	13 8*l* to 15 0	13 8 to 16 8	21 0	45 0	45 0	48 0	15 0 to 19 0	13 8 to 18 12	19 11 to 21 0	19 4 to 21 0	21 0 to 24 0	24 6 to 25 5	...	...	...	...	...	...
	Rungpore	16 0*m*	16 0	16 5	...	...	...	16 0	17 0	15 0	19 0	20 0	20 0	...	...	...	...	...	...
	Bogra	16 8	18 12	19 14	...	...	...	15 12	15 12	22 8	26 4	30 0	33 12	...	...	...	...	...	...
	Pubna	17 0*n*	18 12	24 0	...	...	...	10 0	10 0	12 0	26 4	25 0	30 0	...	...	...	...	...	...
	Darjeeling	8 0*o*	8 0	8 0	8 0	8 0	8 0	5 0	6 0	5 0	13 0	14 0	12 0	...	...	...	...	...	...
	Jalpaiguri	9 0*p*	9 0	10 0	20 0	20 0	...	14 0	16 0	13 5	18 0	24 0	20 0	...	...	...	...	...	...
	Eastern Districts.																		
	Dacca	13 5*q*	12 4	14 8	40 0	40 0	40 0	29 0	24 0	25 0	32 0	32 0	35 8	...	...	...	...	...	...
	Furreedpore	22 0*r*	22 0	21 0	35 0	35 0	32 0	22 0	22 0	8 0	24 0	24 0	27 0	...	...	...	...	...	...
	Backergunge	...*s*	...	...	...	...	...	20 0	20 0	20 0	24 0	24 0	30 0	...	...	...	...	...	...
	Mymensingh	10 8*t*	11 0	18 8	...	...	...	22 0	22 8	23 0	30 0	28 0	28 0	...	...	...	...	...	...
	Tipperah	11 8*u*	12 0	14 0	...	...	...	22 8	23 0	23 0	28 0	28 4	34 0	...	...	...	...	...	...
	Chittagong	9 0*v*	9 0	12 4	...	...	...	16 0	16 0	13 0	25 0	24 0	20 0	...	...	...	...	...	...
	Noakholly	...*w*	...	...	...	...	...	26 0	27 0	26 0	28 0	32 0	31 0	...	...	...	...	...	...
	Chittagong Hill Tracts	...	...	...	...	...	...	13 5	13 5	16 0	17 12	17 12	17 3	...	...	...	...	...	...
	Hill Tipperah	11 0	11 0	12 0	...	...	...	22 0	23 0	30 0	29 0	30 0	39 0	...	...	...	...	...	...
	Behar.																		
	Patna	18 8	16 8	21 8	34 0	34 0	40 0	12 0	11 8	15 0	22 0	21 8	22 0	...	...	...	...	...	...
	Gya	17 8*x*	17 0	19 8	29 0	29 0	38 0	12 8	12 0	12 8	18 8	19 0	21 0	...	...	...	...	...	...
	Shahabad	14 8*y* to 16 0	14 8 to 16 8	17 0 to 20 0	25 0	28 0	35 0	16 0 to 19 0	17 0 to 20 0	18 0 to 20 0	20 8	21 0	22 0 to 23 0	...	...	...	...	...	...
	Durbhunga	14 0*z*	14 0	18 0	32 8	32 0	45 0	14 8	14 0	18 0	17 0	17 0	20 0	...	...	...	...	...	...
	Mozufferpore	16 0*z1*	16 0	20 0	30 0	30 0	40 0	11 0	12 0	11 0	15 0	16 0	20 0	...	...	...	...	...	...
	Sarun	15 0*z2*	15 0	18 8	27 0	28 0	38 0	10 0	10 0	10 8	20 0	20 0	22 8	30 0	29 0	39 0	...	...	...
	Chumparun	18 0*z3*	18 0	22 0	35 0	36 0	50 0	12 0	12 0	14 0	19 0	20 0	21 0	...	...	...	...	...	...
	Monghyr	15 12*z4*	16 12	19 15	31 8	33 9	42 0	14 10	15 12	14 11	18 14	21 0	19 15	...	...	...	...	...	...
	Bhágalpur	14 8*z5*	15 2	15 2	30 4	30 4	40 6	17 11	17 11	17 11	21 7	21 7	20 3	...	...	...	...	...	...
	Purneah	14 0*z6*	15 0	22 0	...	...	40 0	20 0	20 0	20 0	22 0	22 0	28 0	...	...	...	...	...	...
	Maldah	16 0	16 0	20 0	...	...	...	15 0	16 0	19 0	20 0	21 0	24 0	...	...	...	...	...	...
	Sonthal Pergunnahs	13 0*z7*	13 0	14 0	...	...	...	18 0	18 0	24 0	23 0	23 0	27 8	...	...	...	...	...	...
	Orissa.																		
	Cuttack	13 2	14 7	19 11	...	...	...	15 12	15 12	18 6	27 9	24 15	22 5	...	...	...	...	...	...
	Pooree	10 0*z8*	10 8	17 1	...	...	...	20 0	21 0	21 0	24 0	24 0	23 10	...	...	...	...	...	...
	Balasore	16 0*z9*	16 0	16 0	...	...	...	26 0	26 0	31 0	32 0	32 0	32 0	...	...	...	...	...	...
	Chota Nagpore—South-Western Frontier Agency.																		
	Hazaribagh	12 0*z10*	15 0	18 0	...	...	24 0	10 0	11 0	12 0	18 0	19 0	18 0	...	...	...	...	...	...
	Lohardugga	16 0	17 0	18 0	24 0	24 0	...	20 0	21 0	20 0	22 0	24 0	22 0	...	...	...	...	...	...
	Singbhoom	20 0	20 0	24 0	28 0	28 0	40 0	32 0	36 0	32 0	36 0	40 0	36 0	...	...	...	...	...	...
	Manbhoom	13 0*z11*	13 0	15 0	...	...	40 0	18 0	19 0	18 0	30 0	31 0	30 0	...	...	40 0	...	...	...

PROVINCES.	DISTRICTS.	Lesser Millets, Ragi, &c. (Kararu, Veragu, Sawee, Cheena, Coraloo, Murhwa, Naglee), *Panicum Miliaceum, &c.* Present fortnight.	Lesser Millets, Ragi, &c. Past fortnight.	Lesser Millets, Ragi, &c. Corresponding fortnight of 1881.	Gram. Present fortnight.	Gram. Past fortnight.	Gram. Corresponding fortnight of 1881.	Firewood. Present fortnight.	Firewood. Past fortnight.	Firewood. Corresponding fortnight of 1881.	Salt. Wholesale prices per maund of 40 seers. Present fortnight.	Salt. Wholesale prices per maund of 40 seers. Past fortnight.	Salt. Wholesale prices per maund of 40 seers. Corresponding fortnight of 1881.	Salt. Retail. Present fortnight.	Salt. Retail. Past fortnight.	Salt. Retail. Corresponding fortnight of 1881.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. A. P.	Rs. A. P.	Rs. A. P.	S. Ch.	S. Ch.	S. Ch.
	Central Districts.															
Central Districts—confd.	Calcutta	...	...	...	21 5	21 5	24 8	90 0	90 0	90 0	2 10 0	2 10 0	...	14 9	14 9	10 0
	24-Pergunnahs	...	...	...	17 8	18 0	22 12	90 0	90 0	100 0	3 0 0	3 0 0	4 0 0	13 5	13 5	10 0
	Nuddea	...	...	...	22 15	21 5½	29 0	...	...	...	3 0 0	2 14 1	...	11 10½	12 13½	10 0
	Khoolna	...	...	...	12 0	12 0	10 0	160 0	160 0	160 0	3 2 0	3 2 0	4 0 0	11 0	11 0	8 0
	Jessore	...	...	...	16 0	18 0	25 0	120 0	120 0	110 0	3 2 0	3 2 0	...	12 8	12 8	8 0
	Moorshedabad	...	...	...	22 0	25 0	34 0	120 0	120 0	120 0	3 4 0	3 4 0	...	12 8	12 8	9 0 to 10 0
	Dinagepore	...	...	...	20 0	20 0	20 0	180 0	160 0	180 0	3 4 0	3 4 0	...	12 8	12 0	8 12
	Rajshahye	...	...	...	19 4 to 21 0	22 8 to 24 6	26 4 to 30 0	240 0	240 0	250 0	3 5 3	3 5 3	...	12 0	12 0	9 3
	Rungpore	...	...	...	15 0	15 0	12 0	130 0	135 0	120 0	3 5 3	3 5 3	...	11 8	11 8	8 12
	Bogra	...	...	...	15 12	16 8	17 4	67 8	67 8	67 8	3 5 4	3 5 4	...	10 8	10 8	8 10
	Pubna	...	...	...	20 0	18 12	20 0	200 0	200 0	200 0	3 3 6	3 1 6	4 6 0	12 0	12 12	9 8
	Darjeeling	8 0	9 0	9 0	9 0	8 0	8 0	160 0	160 0	160 0	4 8 0	4 8 0	6 0 0	8 0	8 0	5 0
	Jalpaiguri	...	...	...	16 0	16 0	12 12	128 0	128 0	64 0	3 4 0	3 4 0	...	11 0	11 0	8 0
	Eastern Districts.															
	Dacca	...	...	...	20 0	21 0	20 0	106 8	106 0	106 0	3 3 0	2 15 0	4 0 0	12 4	13 5	10 0
	Furreedpore	...	...	...	12 0	12 0	12 0	...	...	...	2 13 9	3 5 4	...	11 0	11 0	9 12
	Backergunge	...	...	...	18 0	18 0	17 0	100 0	100 0	100 0	3 11 0	3 11 0	...	10 9	10 9	8 8
	Mymensingh	...	...	...	16 0	16 0	17 8	...	...	...	3 4 0	3 4 0	...	12 8	12 8	9 4
	Tipperah	...	...	...	18 0	18 0	16 0	...	...	...	3 4 0	3 4 0	...	12 8	12 8	9 8
	Chittagong	...	...	...	16 0	16 0	16 0	80 0	80 0	80 0	2 14 0	2 14 0	5 4 0	13 0	13 0	7 0
	Noakholly	...	...	...	14 0	14 0	18 0	...	...	...	3 2 0	3 2 0	...	11 0	11 0	7 0
	Chittagong Hill Tracts	...	...	...	...	...	...	320 0	320 0	320 0	3 4 0	3 8 0	...	10 9	10 9	6 6
	Hill Tipperah	...	...	...	14 0	14 0	10 0	...	...	...	3 6 0	3 6 0	...	10 0	10 0	8 0
	Behar.															
	Patna	...	...	...	30 0	30 0	35 0	130 0	130 0	120 0	3 0 0	3 2 0	...	10 8	10 9	...
	Gya	...	...	...	25 0 to 28 0	26 0 to 29 0	32 0 to 31 0	180 0	180 0	160 0	3 6 0	3 4 0	...	12 8	11 8	9 0
	Shahabad	...	...	...	29 0	30 0	32 0	120 0	120 0	120 0	3 1 0	3 0 0	...	12 8	13 0	9 8
	Durbhunga	35 0	35 0	35 0	22 0	21 0	25 0	160 0	160 0	180 0	3 4 6	3 4 6	...	10 4	11 0	9 0
	Mozufferpore	...	...	...	23 0	25 0	33 0	140 0	140 0	140 0	3 4 0	3 4 0	...	12 0	12 0	8 8
	Sarun	31 0	30 0	32 0	27 0	27 0	30 0	160 0	160 0	160 0	3 6 0	3 6 0	...	11 0	11 0	8 8
	Chumparun	...	...	...	28 0	28 0	35 0	...	...	...	3 8 0	3 8 0	...	11 0	10 8	8 8
	Monghyr	...	...	...	26 4	30 6	33 9	126 0	126 0	126 0	3 1 0	3 1 0	...	12 10	12 10	8 6
	Bhágalpur	...	...	...	25 14	28 6	31 9	126 4	126 4	126 4	2-15-11½	3 0 6	...	12 10	12 10	9 6
	Purneah	...	...	...	22 0	23 0	23 0	160 0	160 0	120 0	3 8 0	3 8 0	...	10 0	10 0	8 0
	Maldah	...	...	...	22 0	25 0	28 0	200 0	160 0	120 0	3 2 0	3 2 0	...	12 0	12 0	9 0
	Sonthal Pergunnahs	...	...	...	20 0	20 0	24 0	200 0	200 0	200 0	3 12 0	3 12 0	...	10 8	10 8	8 0
	Orissa.															
	Cuttack	17 1	13 2	18 6	21 0	21 0	26 4	160 0	160 0	160 0	3 0 0	3 0 0	3 8 0	13 0	13 0	11 0
	Pooree	...	...	...	14 0	15 0	19 10	100 0	100 0	100 0	2 12 0	2 12 0	...	14 8	14 8	9 3
	Balasore	...	...	...	13 0	16 0	16 0	140 0	160 0	120 0	3 2 0	3 2 0	4 7 0	13 0	13 0	9 0
	Chota Nagpore—South-Western Frontier Agency.															
	Hazaribagh	32 0	36 0	33 0	18 0	19 0	24 0	200 0	180 0	200 0	3 11 3	3 11 3	...	10 10	10 0	8 0
	Lohardugga	32 0	38 0	48 0	15 0	18 0	18 0	120 0	120 0	140 0	4 4 0	4 0 0	...	9 0	9 0	6 8
	Singbhoom	...	...	...	24 0	24 0	24 0	180 0	180 0	160 0	4 7 0	4 7 0	...	8 0	8 0	7 0
	Manbhoom	...	...	64 0	17 0	17 0	21 0	120 0	120 0	120 0	3 12 0	3 12 0	...	11 0	11 0	8 8

f In the sub-divisions retail prices of salt are as follow:—Baraset and Bussirhat 13 seers, Diamond Harbour and Barripore 10-8 seers, Barrackpore 12-12 seers, and Dum-Dum 12 seers.
g In the sub-divisions retail prices of salt are as follow:—Kooshtea 13 seers, Meherpore 10 seers, Choondanga 12 seers, Ranaghat 12-14 seers, and Bongong 13 seers.
h In the sub-divisions retail prices of salt are as follow:—Bagirhat 11 seers and Satkhira 10-10 seers.
i In the sub-divisions retail price of salt is 12 seers.
j In the sub-divisions retail prices of salt are as follow:—Lalbagh 10 seers, Jungypore 11-8 seers, and Kaudi 11-8 seers.
k Retail prices of salt at Raigunge 11-8 seers and at Nitpore 12 seers.
l In Nattore retail price of salt is 12 seers.
m In the sub-divisions retail price of salt is 12 seers.
n In Serajgunge retail price of salt is 12-4 seers.
o Retail prices of salt at Kurseong 8 seers and Silligori 10 seers.
p Retail price of salt at Faliacotta in Alipore sub-division is 10-8 seers.
q In the sub-divisions retail prices of salt are as follow:—Manickgunge 12 seers, Moonsheegunge 10-10½ seers, and Naraingunge 13 seers.
r In the sub-divisions retail prices of salt are as follow:—Goalundo 12 seers, Madaripore 13 seers, Bhanga 10 seers, and Gopalgunge 12 seers.
s In the sub-divisions retail prices of salt are as follow:—Patuakhali 10-10 seers, Perozepore 11 seers, and Bhola 10 seers.
t Retail prices of salt at Kishoregunge 12-5 seers, Attea 12 seers, Jamalpore 11 seers, and Netrokona 12-5 seers.
u In the sub-divisions retail prices of salt are as follow:—Brahmunberia 11 seers and Chandpore 12 seers.
v Retail prices of salt at Hathazaree 12 seers, Kumeriah 9 seers, and Cox's Bazar 10 seers.
w In the interior retail prices of salt range from 8 to 11 seers.
x In the sub-divisions retail prices of salt are as follow:—Jehanabad 12 seers, Nowada 10 seers, and Aurungabad 11-8 seers.
y In the sub-divisions retail prices of salt are as follow:—Sasseram 11-8 seers, Buxar 11-8 seers, and Bhabuah 10-8 seers.
z Retail prices of salt in Madhoobani and Tajpore sub-divisions 11-8 seers.
z1 In the interior retail prices of salt range from 10 to 13 seers.
z2 In the sub-divisions wholesale prices of salt are as follow:—Sewan Rs. 3-8 per maund and Gopalgunge Rs. 3-4.
z3 In the interior retail prices of salt range from 10-4 to 12-8 seers.
z4 In the sub-divisions retail prices of salt are as follow:—Begusarai 11-8 seers and Jamui 12-5 seers.
z5 In the sub-divisions retail prices of salt are as follow:—Banka 11 seers, Mudehpoora 10 seers, and Soopole 11 seers.
z6 Retail prices of salt at Othree 10 seers, Kusba 11-8 seers, Kissengunge 8 seers, and Kanigunge in Arrareah sub-division 9 seers.
z7 Retail prices of salt at Godda 11 seers and at Sarowni 10 seers.
z8 Retail price of salt at Khurda 13 seers.
z9 Retail price of salt at Bhadruk 11 seers.
z10 Retail price of salt at Chatra 10 seers.
z11 Retail prices of salt at Raghunathpore 12 seers, Jhalda 10 seers, and Goyindpore 12 seers.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT INDIA FOR THE 2nd HALF OF JULY 1882—*continued*.

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

Provinces.	Districts.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholum, Jowar), *Holcus Sorghum*. Present fortnight.	Great Millet (Cholum, Jowar), *Holcus Sorghum*. Past fortnight.	Great Millet (Cholum, Jowar), *Holcus Sorghum*. Corresponding fortnight of 1881.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata*. Present fortnight.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata*. Past fortnight.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata*. Corresponding fortnight of 1881.	Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Coraloo, Murhwa, Nuglee), *Panicum Miliaceum*, &c. Present fortnight.	Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Coraloo, Murhwa, Nuglee), *Panicum Miliaceum*, &c. Past fortnight.	Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Coraloo, Murhwa, Nuglee), *Panicum Miliaceum*, &c. Corresponding fortnight of 1881.	Gram. Present fortnight.	Gram. Past fortnight.	Gram. Corresponding fortnight of 1881.	Firewood. Present fortnight.	Firewood. Past fortnight.	Firewood. Corresponding fortnight of 1881.	Salt. Wholesale. Present fortnight.	Salt. Wholesale. Past fortnight.	Salt. Wholesale. Corresponding fortnight of 1881.	Salt. Retail. Present fortnight.	Salt. Retail. Past fortnight.	Salt. Retail. Corresponding fortnight of 1881.	Districts.	Provinces.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. A. per maund.	Rs. A. per maund.	Rs. A. per maund.	S. Ch.	S. Ch.	S. Ch.		
Assam.	Sylhet	10 8	11 12	13 0	...	...	...	17 0	17 0	16 0	35 0	35 0	31 8	...	...	...	...	...	...	16 0	16 0	15 0	108 0	108 0	108 0	3 6	3 6	...	11 12	11 12	8 12	Sylhet	Assam.
	Cachar	9 2	10 10	11 13	16 0	16 0	16 0	20 0	17 12	20 0	22 12	21 5	24 10	...	...	...	...	...	...	16 0	12 13	16 0	80 0	80 0	80 0	3 10	3 8	...	10 10	10 10	8 6	Cachar	
	Goálpárá	22 0	22 0	26 11	...	...	...	14 0	13 0	17 12	17 0	18 0	18 0	...	...	...	...	...	...	14 0	12 0	14 8	120 0	120 0	120 0	3 4	3 4	...	12 0	12 0	8 14	Goálpárá	
	Gáro Hills	4 0	4 0	4 0	...	...	...	5 0	5 0	5 0	16 0	16 0	22 0	...	...	...	...	...	...	8 0	8 0	6 8	160 0	160 0	160 0	5 6	5 6	...	6 6	6 6	5 5	Gáro Hills	
	Kámrúp	16 0	16 0	14 0	...	...	...	12 8	13 0	12 0	18 0	18 0	15 0	...	...	...	...	...	...	13 4	13 0	10 0	160 0	160 0	200 0	3 8	3 2	...	11 8	12 0	8 0	Kámrúp	
	Darrang	...	...	...	...	...	...	8 0	10 0	8 0	16 0	16 0	16 0	...	...	...	...	...	...	8 13	8 12	7 8	160 0	160 0	160 0	4 8	4 8	...	8 0	8 0	6 8	Darrang	
	Nowgong	...	...	...	...	...	...	13 8	13 8	10 0	16 0	16 0	16 0	...	...	...	...	...	...	8 0	8 0	8 0	120 0	120 0	100 0	3 12	3 12	...	9 0	9 0	8 0	Nowgong	
	Sibságar	...	...	...	...	...	...	6 8	6 8	6 8	16 0	16 0	14 0	...	...	...	...	...	...	10 0	10 0	10 0	80 0	80 0	120 0	4 4	4 8	...	8 8	8 8	6 8	Sibságar	
	Lakhimpur	8 0	8 0	9 0	10 0	10 0	10 0	8 0	8 0	8 0	16 0	16 0	16 0	...	...	...	...	...	...	12 0	12 0	12 0	120 0	120 0	80 0	5 0	5 0	...	8 0	8 0	6 8	Lakhimpur	
	Khási & Jaintiá Hills	8 0	...	10 0	...	...	...	10 0	11 0	8 0	11 0	12 0	9 0	...	...	...	...	...	...	10 0	10 0	10 0	...	...	...	5 0	5 0	...	8 0	8 0	5 5	Khási & Jaintiá Hills	
	Nága Hills	...	...	...	...	...	...	5 0	5 0	4 0	8 0	8 0	...	...	...	...	...	...	...	2 0	2 0	3 0	120 0	120 0	120 0	13 0	13 0	...	3 0	3 0	2 8	Nága Hills	
N. W. Provinces.	Dehra Dún	18 0	18 0	17 8	29 0	29 0	28 0	11 0	11 0	10 0	12 8	12 8	10 8	22 0	22 0	15 0	18 0	18 0	16 0	19 0	18 0	17 0	160 0	160 0	160 0	S. Ch. 11 8	S. Ch. 11 8	S. Ch. 10 0	10 8	10 8	9 0	Dehra Dún	N. W. Provinces.
	Saháranpur	19 5½	19 5½	19 6	27 15	27 15	28 0	9 11	9 11	7 9	12 14½	12 14	11 14	26 14	23 10½	19 6	21 8	21 8	19 6	24 11½	23 10½	20 8	150 8	150 8	150 8	12 1	12 1	9 11	11 13	11 13	9 11	Saháranpur	
	Muzaffarnagar	18 11	18 4	20 4	29 11	29 11	33 0	6 9	6 9	6 9	14 5	14 5	12 10	27 8	26 6	18 11	22 0	22 0	17 10	23 10	23 2	22 0	132 0	132 0	132 0	11 10	11 10	10 2	11 4	11 4	...	Muzaffarnagar	
	Meerut	17 8	17 0	20 0	25 0	24 0	27 8	6 0	6 0	5 8	15 0	15 0	13 0	26 0	24 0	19 0	21 0	21 0	19 0	21 8	21 0	20 8	110 0	110 0	115 0	12 0	12 0	10 0	11 8	11 8	9 8	Meerut	
	Bulandshahr	19 0	19 8	20 12	24 0	24 0	28 0	6 0	6 0	6 0	10 0	10 0	10 8	24 0	24 0	22 0	22 0	22 0	20 0	22 0	22 0	22 8	140 0	130 0	140 0	10 0	10 8	10 0	...	...	...	Bulandshahr	
	Aligarh	17 4	17 4	18 8	23 0	23 0	24 8	6 0	6 0	6 0	13 0	13 0	14 8	25 0	25 0	19 0	8 16	8 16	8 18	21 8	21 0	21 8	130 0	130 0	120 0	12 0	12 0	...	11 8	11 8	...	Aligarh	
	Kumaun	16 0	16 0	14 0	17 0	17 0	16 0	10 0	10 0	8 0	13 0	13 0	11 0	...	...	...	...	...	...	11 8	11 8	12 8	200 0	200 0	200 0	7 0	7 0	7 0	6 0	6 0	6 0	Kumaun	
	Garhwál	23 8	23 8	17 8	25 0	25 0	20 0	9 0	9 0	7 0	15 0	15 0	10 10	...	...	...	...	...	...	9 0	9 0	9 0	200 0	200 0	240 0	7 8	7 8	7 8	7 0	7 0	7 0	Garhwál	
	Bijnor	16 14	16 9	19 11	25 10	23 2	26 7	10 2	10 11	10 2	12 6	11 13	11 4	22 8	21 6	15 12	19 11	18 9	16 5	20 13	20 10	20 0	135 0	135 0	135 8	...	...	...	10 4	10 7	9 9	Bijnor	
	Moradabad	18 12	18 2	20 5	23 12	23 12	27 8	9 6	9 6	7 13	13 2	13 12	13 2	24 6	23 12	20 0	20 0	19 6	17 8	21 4	20 10	20 0	137 8	137 8	125 0	12 0	12 0	...	11 14	11 14	10 10	Moradabad	
	Budaun	17 8½	17 11	20 6	22 12½	22 0½	27 0	9 9½	9 9½	6 0	13 12½	14 11	13 12½	20 6	18 0	12 0	20 0	18 0	9 9½	19 3	19 3	22 3	192 0	192 0	170 0	10 15	10 15	9 0	10 3	10 3	10 3	Budaun	
	Bareilly	16 14	16 14	19 6	21 4	21 4	26 4	7 8	8 2	7 8	13 12	14 6	13 12	21 4	21 4	20 0	20 0	21 4	18 12	19 6	20 0	19 6	125 0	125 0	125 0	11 14	11 14	...	11 4	11 4	9 11	Bareilly	
	Shahjáhánpur	18 6	18 4	20 12	24 4	24 4	28 8	9 4	9 4	8 0	14 8	16 8	14 8	...	...	...	...	...	...	20 12	20 12	22 0	160 0	160 0	160 0	12 6	12 4	10 4	10 8	10 8	10 0	Shahjáhánpur	
	Tarái Perguunahs	20 0	20 0	19 0	30 0	30 0	32 0	7 8	7 8	10 0	14 0	13 0	14 0	20 0	17 8	12 0	20 0	17 8	12 0	17 8	17 8	17 0	120 0	120 0	120 0	11 4	11 4	...	11 0	11 0	9 4	Tarái Perguunahs	
	Muttra	17 0	17 0	19 0	22 0	21 8	23 0	...	...	8 0	14 0	14 0	14 0	25 0	22 0	16 0	20 0	18 0	20 0	22 0	21 0	19 8	100 0	120 0	130 0	14 0	14 0	...	12 0	12 0	10 0	Muttra	
	Agra	17 0	17 0	17 8	21 0	23 0	22 8	6 8	6 8	6 0	14 0	14 0	13 8	22 0	23 0	21 0	20 0	20 0	20 0	21 0	22 0	20 8	100 0	100 0	80 0	12 8	12 8	11 8	12 0	12 0	10 8	Agra	
	Farukhabad	17 11½	17 4	18 14	22 0	21 3	25 13½	7 0	7 3	6 2	13 7	14 0½	14 5	22 2	22 2	18 4	20 12½	20 12	20 12½	21 9½	21 2½	21 1	156 8	156 8	156 12	12 4	11 9	9 11	11 9	10 14	9 11	Farukhabad	
	Mainpuri	18 8	18 0	18 4	24 8	23 0	23 0	4 0	5 0	4 0	12 0	14 0	12 8	...	...	...	...	...	...	22 0	20 8	19 4	160 0	160 0	160 0	12 0	11 0	...	11 0	10 8	...	Mainpuri	
	Etawah	17 0	17 0	17 4	23 0	22 8	22 10	6 0	6 0	6 0	14 8	14 8	14 8	25 0	22 0	17 5	16 0	16 0	16 0	20 8	21 0	20 8	160 0	140 0	140 0	12 8	12 8	11 0	10 8	10 8	10 0	Etáwah	
	Etah	18 8	19 8	20 0	22 8	24 0	26 0	8 0	8 0	8 0	13 0	12 0	12 0	20 0	16 4	...	19 0	18 0	0 ...	28 0	28 0	22 0	140 0	140 0	120 0	12 0	12 0	...	11 0	11 0	9 0	Etah	
	Jalaun	20 0	20 0	20 0	20 0	20 0	22 0	10 0	10 0	8 0	12 0	12 0	12 0	28 0	28 0	24 0	22 0	22 0	20 0	26 6	25 9	26 4	200 0	200 0	200 0	11 8	11 8	9 0	10 8	10 8	8 8	Jalaun	
	Jhánsi	22 0	20 13½	22 0	32 2	32 0	30 0	8 8	8 8	7 8	15 0	15 0	13 0	27 0	27 0	25 3	...	...	...	28 0	26 0	25 0	140 0	140 0	120 0	11 0	11 0	...	10 4	10 4	8 12	Jhánsi	
	Lalitpur	22 0	21 8	27 8	37 0	37 0	35 0	10 0	10 0	9 0	12 0	12 0	12 0	32 0	31 0	33 0	26 0	26 0	26 0	33 0	33 0	35 0	140 0	140 0	160 0	11 8	12 0	...	12 0	12 6	10 8	Lalitpur	
	Cawnpore	17 8	17 4	20 0	26 0	25 0	25 0	11 0	11 0	10 8	15 0	15 0	15 0	25 8	23 8	23 0	25 8	23 8	26 0	23 8	23 4	23 4	200 0	200 0	200 0	10 2	9 14	...	9 14	9 10	9 4	Cawnpore	
	Fatehpur	16 12	16 12	17 4	24 0	23 4	21 12	11 4	11 4	10 10	15 8	16 0	13 14	...	...	...	...	...	...	24 6	24 2	20 4	200 0	200 0	200 0	10 2	9 14	...	9 14	9 10	9 4	Fatehpur	
	Bánda	18 0	18 0	16 8	25 0	25 0	17 0	9 0	9 0	10 0	13 8	13 4	13 8	33 0	32 0	20 0	30 0	0 ...	19 0	32 0	31 0	20 8	160 0	160 0	200 0	11 4	11 12	...	12 0	11 8	9 8	Bánda	
	Allahabad	17 8	16 12	17 6	25 8	24 8	23 4	11 8	11 8	11 0	17 0	17 0	16 0	29 0	27 8	25 0	28 0	26 8	24 0	24 8	23 4	23 4	140 0	130 0	160 0	11 8	11 12	...	10 12	11 0	...	Allahabad	
	Hamírpur	16 0	16 0	15 8	20 0	22 8	19 11	9 0	10 12	12 6	...	...	15 12	25 0	25 0	4 19	11 24	0 23	12 18	26 0	26 0	26 8	140 0	140 0	140 0	11 13	11 4	9 8	10 0	10 10	...	Hamírpur	
	Jaunpur	18 10	18 0	20 7	30 11	29 10	31 1	7 1	7 1	7 12	15 8	15 8	16 15	...	...	...	22	9 19	12 16	24 11	23 4	26 13	169 8	169 8	141 4	9 11	9 11	...	9 9	9 9	8 15	Jaunpur	
	Gorakhpur	16 3	18 0	19 12½	22 8	28 13	43 3	12 9½	14 6½	14 6½	16 3	18 0	20 13¼	...	...	39 9½	...	...	28 12½	21 9½	27 0	36 0	160 0	160 0	120 0	10 6½	11 3	...	10 6½	10 6½	8 6½	Gorakhpur	
	Basti	15 8	17 0	21 4	38 0	39 0	40 0	12 0	15 0	13 0	14 0	16 0	20 0	...	...	...	...	...	...	26 0	26 0	31 0	130 0	140 0	140 0	9 8	8 8	7 0	8 8	8 0	7 8	Basti	
	Azamgarh	18 7	18 7	19 3	27 5	28 0	29 8	8 14	8 14	8 2	17 11	17 11	17 0	...	...	...	20 10½	10 ...	...	23 10	24 6	26 9	147 8	147 8	147 8	10 10	9 3	7 14	10 0	8 8	8 2	Azamgarh	
	Mirzapur	17 0	16 8	18 0	22 0	23 0	26 0	10 0	10 0	10 0	18 0	16 0	17 0	27 0	27 0	27 0	26 0	26 0	26 0	22 0	22 0	23 0	100 0	100 0	100 0	10 0	10 0	9 0	9 0	9 0	8 0	Mirzapur	
	Benares	15 11½	15 11½	18 2	24 15	24 6	24 6	11 15	12 7	12 12	16 8	16 13	21 2	26 8½	28 3	24 15	27 10	28 11½	29 4	22 4	23 5	23 14	120 0	140 0	120 0	11 4	11 4	...	10 2	10 2	8 2½	Benares	
	Gházípur	18 0	18 0	19 5	25 12	25 12	28 15	10 15½	10 15½	10 15	19 15½	19 15½	18 10	30 14½	30 14½	36 5	20 9½	20 9½	27 1	26 6½	26 6½	27 11	130 0	130 0	167 6	9 10½	9 10½	9 11	9 0	9 0	8 10	Gházípur	
	Balia	15 0	15 12	20 0	25 0	26 4	35 0	10 0	10 0	10 0	15 0	17 8	22 8	...	...	...	...	...	...	25 0	28 12	32 8	100 0	100 0	120 0	10 0	10 0½	9 5	10 4	10 4	...	Balia	
	Pilibhít	18 6	18 1	20 2	28 4	28 6	30 1	15 0	15 0	15 0	16 4	16 4	16 2	16 4	18 12	...	...	...	...	18 8	17 5	20 8	150 0	150 0	150 0	12 12	12 12	12 0	11 12	11 12	11 12	Pilibhít	
Oudh.	Lucknow	16 8	16 6½	19 8	23 6½	23 9½	26 0	6 0	6 0	6 0	14 0	13 14	14 0	22 4	22 7½	24 6	22 0	22 0	23 8	20 11	20 11½	20 11½	115 0	115 0	140 0	10 0	10 0	9 0	9 8	9 8	8 8	Lucknow	Oudh.
	Unáo	18 0	18 0	19 8	25 0	25 0	24 0	13 8	10 0	7 0	15 0	15 0	13 0	...	...	28 0	...	...	22 0	25 0	22 8	20 0	160 0	160 0	160 0	...	...	...	11 0	11 0	9 0	Unáo	
	Bára Banki	17 0	16 12	19 4	24 0	24 0	26 0	10 0	10 0	9 0	14 0	14 0	14 0	29 0	28 0	29 0	19 0	20 0	20 0	22 0	22 0	23 0	130 0	130 0	130 0	12 0	12 0	10 0	10 0	10 0	9 0	Bára Banki	
	Sitapur	19 4	19 4	23 0	26 14	27 6	29 13	8 0	8 0	8 8	17 6	17 0	15 3	20 12	20 0	16 0	19 12	19 0	22 0	21 0	21 0	25 9½	160 0	160 0	160 0	12 0	12 0	...	10 9½	10 8	9 0	Sitapur	
	Hardui	15 15	15 15	20 5	23 0	22 8	33 12	5 10	5 10	5 10	11 4	11 4	13 2	...	21 9	...	...	22 8	...	17 13	17 13	23 7	240 0	240 0	240 0	9 6	9 6	8 7	7 8	7 8	8 8	Hardui	
	Kheri	19 4	19 0	24 0	27 0	28 0	34 0	7 0	7 0	9 0	15 0	15 0	14 0	31 0	30 0	0 ...	...	...	...	23 0	22 8	24 0	140 0	140 0	120 0	11 0	11 0	8 8	10 0	10 0	8 12	Kheri	
	Fyzabad	16 4	16 0	18 0	26 0	25 0	27 0	10 0	10 0	9 8	16 0	16 8	14 0	29 8	...	31 0	...	...	...	26 0	27 0	24 0	160 0	160 0	160 0	...	...	...	9 0	9 0	8 0	Fyzabad	
	Bharaich	16 0	16 0	19 0	34 0	35 0	38 0	9 0	9 0	9 0	18 0	17 0	16 0	30 0	30 0	38 0	13 0	13 0	16 0	27 8	28 0	29 0	240 0	240 0	200 0	11 8	11 8	...	11 4	11 4	9 6	Bharaich	
	Gonda	19 0	19 6	23 2	31 8	30 14	38 0	15 8	15 0	16 0	17 8	17 6	18 6	36 0	36 10	40 0	24 0	24 4	24 0	20 4	19 0	17 12	160 0	160 0	175 0	...	...	...	9 0	9 0	8 0	Gonda	
	Rai Bareli	19 4	18 12	17 12	24 8	23 8	20 0	...	...	...	16 8	16 0	12 8	24 0	24 0	0 ...	18 0	18 0	0 ...	26 0	26 0	23 0	160 0	160 0	160 0	11 8	12 0	9 8	11 0	11 0	9 0	Rai Bareli	
	Sultánpur	19 4	19 8	20 0	29 0	29 0	26 8	11 0	11 0	11 0	17 0	18 0	16 0	...	...	...	22 0	18 0	16 0	23 0	22 12	21 4	200 0	200 0	200 0	11 0	11 0	10 0	10 10	10 7	8 11	Sultánpur	
	Partábgarh	19 6	19 2	19 14	28 13	28 10	26 12	16 6	16 9	13 13	17 9	18 4	15 5	...	...	...	...	...	...													Partábgarh	
Punjab.	Delhi	18 4	17 12	18 12	24 4	23 0	26 0	...	...	...	14 0	14 0	13 0	24 8	24 0	21 12	20 8	19 0	18 8	22 8	21 12	20 4	85 0	85 0	80 0	12 8	12 8	...	11 8	11 8	11 8	Delhi	Punjab.
	Gurgáon	18 8	18 8	19 8	23 12	23 8	25 8	...	...	...	13 0	13 0	13 0	22 8	22 0	18 0	20 0	20 0	21 0	21 2	21 0	20 4	130 0	130 0	120 0	12 0	12 0	...	12 0	12 0	10 0	Gurgáon	
	Karnál	19 0	18 8	18 8	31 0	30 0	29 0	...	...	...	12 0	12 0	12 0	27 0	26 0	24 0	16 0	16 0	20 0	24 8	22 0	23 8	160 0	160 0	160 0	11 0	11 0	...	10 12	10 12	10 8	Karnál	
	Hissar	18 0	17 0	17 0	32 0	30 0	24 0	...	...	...	10 0	10 0	10 0	30 0	28 0	22 0	21 0	26 0	21 0	28 0	27 0	24 0	80 0	80 0	100 0	10 8	11 0	...	10 0	10 0	10 0	Hissar	
	Rohtak [a]	18 4	18 8	18 8	25 0	25 0	23 0	...	...	...	9 0	9 0	11 0	25 0	25 0	22 8	22 0	24 0	17 0	24 12	24 0	23 0	100 0	100 0	100 0	7 2	10 10	...	6 8	10 9	10 8	Rohtak	
	Sirsa	21 8	21 4	16 8	38 8	38 0	23 8	...	...	...	14 0	13 0	11 8	40 0	38 0	22 0	31 0	30 0	20 0	37 0	35 0	25 8	120 0	120 0	120 0	11 8	11 0	...	11 0	10 8	9 0	Sirsa	
	Umballa	22 0	21 8	18 8	30 0	29 0	24 0	...	...	...	11 8	11 8	11 8	28 0	28 0	16 0	26 0	26 0	19 0	25 12	25 8	21 12	160 0	160 0	160 0	13 10	13 12	...	13 8	13 8	11 8	Umballa	
	Ludhiána [b]	23 0	24 0	19 0	33 0	33 0	27 0	...	...	...	12 0	12 0	12 0	35 0	37 0	22 0	25 0	30 0	19 0	28 0	28 0	24 0	100 0	100 0	100 0	14 14	14 14	...	14 4	14 8	11 8	Ludhiána	
	Simla	14 8	14 8	13 8	...	...	...	...	...	...	12 0	12 0	11 0	...	...	...	...	...	...	16 0	16 0	...	80 0	80 0	80 0	10 0	10 1	...	9 7	9 7	8 8	Simla	
	Jullundur	24 0	24 8	19 8	36 0	36 0	28 0	...	...	...	8 0	8 0	8 0	34 0	33 0	26 0	23 0	20 0	16 0	28 0	28 0	21 4	100 0	100 0	100 0	14 0	14 0	...	13 8	13 8	11 4	Jullundur	
	Hoshiárpur	24 8	25 0	20 0	34 0	35 0	28 0	...	...	...	10 0	11 0	10 0	29 0	27 0	18 0	17 0	17 0	12 0	28 0	27 0	21 0	100 0	100 0	120 0	14 0	14 12	...	13 12	13 8	11 3	Hoshiárpur	
	Kangra	24 0	24 0	20 0	38 0	38 0	30 0	...	...	...	15 0	15 0	13 0	...	...	...	...	...	...	20 0	20 0	15 0	140 0	140 0	160 0	10 8	11 0	...	10 0	10 8	9 0	Kangra	

* Mandwa: Present 30 seers, past 30 seers, corresponding 23 seers and 8 chittaks.

[a] Price of Salt has risen.

[b] Price of bajra has fallen.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT INDIA FOR THE 2nd HALF OF JULY 1882—*continued*.

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

PROVINCES.	DISTRICTS.	Wheat.			Barley.			Rice (best sort).			Rice (common).			Great Millet (Cholum, Jowar), *Holcus Sorghum.*			Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.*			Lesser Millets, Ragi, &c. (Kavara, Varagu, Sawee, Cheena, Coraloo, Murhwa, Nugiee), *Panicum Miliaceum*, &c.			Gram.			Firewood.			Salt. Wholesale.			Salt. Retail.			DISTRICTS.	PROVINCES.
		Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.		
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.		
PUNJAB—*continued.*	Amritsar	25 0	25 0	19 0	39 0	39 0	26 8	...	...	...	12 0	12 0	11 0	27 8	26 8	22 8	23 8	23 8	16 8	...	...	...	32 12	32 8	22 0	80 0	80 0	80 0	14 12	15 0	...	14 6	14 10	12 0	Amritsar	PUNJAB—*continued.*
	Siálkot	No return received			...	...	...				16 0	16 0	12 0	22 0	28 0	16 0	14 0	14 0	13 0				...	...	...	...	...	...	...	...	...	No return received			Siálkot	
	Gurdáspur [a]	30 0	30 0	22 0	40 0	40 0	28 0	...	...	...	11 0	11 0	9 0	23 0	23 0	15 8	22 0	22 0	13 0				32 0	32 0	22 0	120 0	120 0	120 0	13 4	13 4	...	13 0	12 8	10 8	Gurdáspur	
	Lahore	23 8	23 0	18 0	37 0	37 0	25 0	...	...	...	11 0	11 0	11 0	36 0	30 0	14 0	...	...	...				29 0	29 8	19 0	80 0	90 0	80 0	15 0	15 0	...	14 0	14 0	10 0	Lahore	
	Ferozepore [b]	22 0	22 0	18 0	36 0	37 0	28 0	...	...	...	13 0	13 0	11 0	22 0	22 0	16 0	20 0	20 0	14 0				32 8	32 0	25 0	70 0	70 0	90 0	13 4	13 8	...	13 0	13 8	11 8	Ferozepore	
	Gujránwála	24 4	24 4	18 4	36 0	37 0	29 0	...	...	...	8 4	8 4	6 8	22 0	19 0	13 0	24 0	24 0	13 0				28 0	28 0	19 4	95 0	95 0	95 0	15 4	15 4	...	15 0	15 0	12 0	Gujránwála	
	Ráwalpindi	20 8	20 4	13 0	29 8	29 0	21 0	...	...	...	10 0	10 0	8 0	25 0	23 0	15 0	24 0	21 0	15 0				22 14	22 14	17 0	90 0	90 0	40 0	14 12	14 12	...	14 10	14 10	11 12	Ráwalpindi	
	Jhelum	24 0	23 8	15 8	31 0	31 0	21 12	...	...	...	12 0	12 0	8 0	22 8	21 0	17 0	28 0	28 0	16 0				24 0	24 0	16 0	120 0	120 0	90 0	16 8	16 8	...	16 8	16 0	13 0	Jhelum	
	Gujrát	26 8	27 4	19 0	39 8	40 8	28 0	...	...	...	13 0	13 0	10 0	19 0	19 0	13 0	19 0	19 0	13 0				26 4	26 4	18 0	100 0	100 0	100 0	...*	...*	...	15 0	15 0	12 0	Gujrát	
	Shahpúr	20 0	20 0	16 8	32 0	32 0	25 0	...	...	...	10 0	10 0	8 0	25 0	25 0	16 0	25 0	24 0	16 0				24 8	24 0	20 0	320 0	320 0	320 0	17 0	17 0	...	16 0	16 0	14 0	Shahpúr	
	Mooltan	17 0	16 12	14 0	26 0	26 0	20 0	...	...	...	13 0	13 0	8 0	16 0	16 0	12 0	16 0	16 0	16 0				23 0	23 0	16 8	90 0	90 0	80 0	15 8	15 8	...	15 0	15 0	12 4	Mooltan	
	Jhang	19 8	19 8	15 0	30 0	30 0	22 8	...	...	...	12 0	12 0	8 0	16 0	16 0	12 0	16 0	16 0	16 0				25 0	24 0	16 0	200 0	200 0	200 0	15 0	15 0	...	14 8	14 12	12 8	Jhang	
	Montgomery	20 0	20 0	17 0	24 0	24 0	20 0	...	...	...	5 8	5 8	5 8	20 0	20 0	12 0	16 0	...	...				26 0	25 0	19 0	200 0	200 0	200 0	12 0	12 0	...	11 0	11 0	10 8	Montgomery	
	Muzaffargarh	No return received			...	...	...				8 12	8 12	7 8	25 5	27 8	16 4	21 9	23 12	16 4				...	...	...	...	...	...	...	...	...	No return received			Muzaffargarh	
	Dera Ismail Khán	18 2	17 14	16 8	26 14	26 9	25 2	...	...	...	7 8	7 8	7 8	15 0	21 4	15 0	17 8	20 0	15 0				22 11	23 10	21 2	100 0	100 0	100 0	55 0	55 0	...	53 0	53 0	47 8	Dera Ismail Khán	
	Dera Gházi Khán [c]	17 8	19 2	15 5	20 0	23 7	20 0	...	...	...	8 12	8 12	6 4	27 8	27 8	17 8	28 12	27 8	15 0				18 12	20 10	16 11	100 0	100 0	125 0	28 12	28 12	...	25 0	25 0	25 4	Dera Gházi Khán	
	Bannu	31 14	29 1	18 7	46 4	45 0	31 14	...	...	...	9 8	9 8	6 5	27 4	27 12	15 12	12 10	12 10	9 8				28 12	30 10	31 4	80 0	80 0	60 0	120 0	120 0	...	100 0	100 0	80 0	Bannu	
	Peshawar	19 0	18 0	10 6	35 12	34 0	20 12	...	...	...	12 12	12 2	7 10	21 10	21 10	15 5	19 2	20 6	...				17 3	18 0	12 12	96 0	91 0	66 0	58 8	55 4	...	56 0	53 0	41 4	Peshawar	
	Kohát	15 15	14 15	11 10	30 9	29 4	22 15	...	...	...	...	12 8	10 0	...	...	...	...	...	...				15 15	13 3	16 9	76 8	76 8	63 12	89 4	102 0	...	75 0	68 0	41 0	Kohát	
	Házára	...	...	...	40 0	33 8	25 0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	19 0	15 4	140 0	140 0	160 0	...	13 0	...	12 0	12 0	...	Házára	
CENTRAL PROVINCES.	Nágpur																																			Nágpur	CENTRAL PROVINCES.
	Bhandára																																			Bhandára	
	Chánda																																			Chánda	
	Wardha																																			Wardha	
	Bálaghát																																			Bálaghát	
	Jubbulpore																																			Jubbulpore	
	Saugor																																			Saugor	
	Damoh																																			Damoh	
	Seoni																																			Seoni	
	Mandla																																			Mandla	
	Betúl																																			Betúl	
	Chhindwára																																			Chhindwára	
	Hoshangabad																																			Hoshangabad	
	Narsinghpur																																			Narsinghpur	
	Nimár																																			Nimár	
	Raipur																																			Raipur	
	Sambalpur																																			Sambalpur	
	Bilaspur	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Bilaspur	
BRITISH BURMA.	*Arakan Division.*																																			*Arakan Division.*	BRITISH BURMA.
	Akyab																																			Akyab	
	Northern Arakan																																			Northern Arakan	
	Kyoukpyoo																																			Kyoukpyoo	
	Sandoway																																			Sandoway	
	Pegu Division.																																			*Pegu Division.*	
	Rangoon town and Hanthawaddy																																			Rangoon town and Hanthawaddy	
	Tharrawaddy																																			Tharrawaddy	
	Prome																																			Prome	
	Irrawaddy Division.																																			*Irrawaddy Division.*	
	Henzada	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Henzada	
	Bassein																																			Bassein	
	Thonegwa																																			Thonegwa	
	Thayetmyo																																			Thayetmyo	
	Tenasserim Division.																																			*Tenasserim Division.*	
	Moulmein town and Amherst																																			Moulmein town and Amherst	
	Tavoy																																			Tavoy	
	Mergui																																			Mergui	
	Toungoo																																			Toungoo	
	Shwaygyin																																			Shwaygyin	
	Salween																																			Salween	
HYDERABAD ASSIGNED DISTRICTS.	Secunderabad	16 5	16 5	15 2	...	...	...	6 13	6 13	7 8	9 13	9 13	9 13	23 14	23 14	23 0	...	...	...	...	...	...	17 4	17 12	20 1	125 0	125 0	125 0	10 11	10 11	9 2	10 8	10 8	8 12	Secunderabad	HYDERABAD ASSIGNED DISTRICTS.
	Bolarum	19 7	17 12	16 6	...	...	...	7 6	7 6	8 1	9 0	8 11	9 9	27 0	27 0	24 7	...	...	...	...	...	...	21 8	18 15	20 9	116 14	116 14	116 14	...	...	...	10 12	10 12	9 8	Bolarum	
	Chudderghat	14 0	13 8	12 0	...	...	...	7 0	6 8	6 0	8 0	8 8	8 8	26 0	25 0	24 0	33 0	33 0	34 0				18 0	17 8	19 0	80 0	80 0	80 0	...	...	...	9 8	9 8	8 4	Chudderghat	
	Amráoti	16 0	16 0	21 0	11 8	10 0	10 0	8 0	8 0	6 8	10 0	10 0	8 0	26 0	26 0	10 0	18 0	20 0	26 0	7 8	7 8	7 8	20 0	20 0	23 0	64 0	64 0	64 0	12 0	12 0	11 0	11 8	11 8	10 8	Amráoti	
	Akola	16 0	16 0	19 0	...	...	...	8 0	8 0	8 0	10 0	10 0	10 0	30 0	30 0	16 0	24 0	24 0	24 0				22 0	22 0	24 0	64 0	64 0	64 0	11 0	11 0	9 0	10 0	10 0	9 0	Akola	
	Ellichpur	14 0	14 0	18 0	12 0	12 0	12 0	6 0	6 0	8 0	7 0	8 0	10 0	20 0	21 0	30 0	20 0	20 0	20 0				15 0	16 0	22 0	64 0	64 0	64 0	...	...	...	10 0	10 0	10 0	Ellichpur	
	Buldána	17 0	19 0	26 0	...	...	...	...	...	...	11 0	11 0	11 0	32 0	32 0	54 0	28 0	28 0	35 7				22 0	22 0	35 0	...	...	...	...	...	...	10 0	10 0	10 0	Buldána	
	Wún	13 0	14 0	17 0	...	...	...	7 0	7 0	7 0	10 8	10 8	10 0	23 0	30 0	36 0	...	...	...				20 0	22 0	23 0	100 0	100 0	100 0	...	...	...	8 0	8 0	8 0	Wún	
	Básim	20 0	20 8	26 0	...	...	...	5 4	5 0	5 0	11 0	12 0	14 0	34 0	34 0	52 0	...	...	...				26 0	26 0	26 0	64 0	64 0	64 0	11 0	10 0	8 8	10 0	9 0	8 0	Básim	

[a] Price of jowar has risen. [b] Price of jowar has fallen. [c] Price of barley and jowar has risen.

* No wholesale salt sold.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT INDIA FOR THE 2nd HALF OF JULY 1882 —*concluded.*

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

Provinces.	Districts.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholum, Jowar), *Holcus Sorghum.* Present fortnight.	Great Millet (Cholum, Jowar), *Holcus Sorghum.* Past fortnight.	Great Millet (Cholum, Jowar), *Holcus Sorghum.* Corresponding fortnight of 1881.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.* Present fortnight.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.* Past fortnight.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.* Corresponding fortnight of 1881.	Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Coralou, Murhwa, Nurlee), *Panicum Miliaceum, &c.* Present fortnight.	Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Coralou, Murhwa, Nurlee), *Panicum Miliaceum, &c.* Past fortnight.	Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Coralou, Murhwa, Nurlee), *Panicum Miliaceum, &c.* Corresponding fortnight of 1881.	Gram. Present fortnight.	Gram. Past fortnight.	Gram. Corresponding fortnight of 1881.	Firewood. Present fortnight.	Firewood. Past fortnight.	Firewood. Corresponding fortnight of 1881.	Salt. Wholesale. Present fortnight.	Salt. Wholesale. Past fortnight.	Salt. Wholesale. Corresponding fortnight of 1881.	Salt. Retail. Present fortnight.	Salt. Retail. Past fortnight.	Salt. Retail. Corresponding fortnight of 1881.	Districts.	Provinces.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.		
Mysore.	Bangalore	10 15	11 5	11 10	12 12	13 0	12 15	9 11	9 9	9 1	11 2	11 0	10 11	23 6	22 14	25 3	...	...	...	25 13	25 13	24 3	29 2	29 6	32 14	96 0	96 0	84 0	13 0†	13 0†	10 8†	12 12†	12 12†	10 0†	Bangalore
	Kolar	...	...	...	10 6	12 0	10 2	12 14	13 15	10 12	15 3	15 3	13 0	...	...	...	...	...	...	29 5	28 13	29 2	30 13	31 15	36 12	172 6	172 6	172 6	12 7†	13 8†	11 5†	12 2†	13 3†	11 1†	Kolar
	Túmkúr	14 0	14 0	13 0	12 8	13 0	13 0	12 0	12 0	12 0	13 0	12 8	13 8	...	...	...	...	...	...	32 0	30 0	31 0	37 0	36 0	35 0	340 0	340 0	340 0	9 0‡	10 0‡	12 8‡	8 8‡	9 8‡	12 0‡	Túmkúr
	Mysore	11 0	10 4	10 0	...	...	...	11 0	10 12	9 4	11 4	11 8	9 12	...	...	...	...	...	...	20 0	20 0	17 6	30 0	28 0	22 2	72 0	72 0	84 0	8 8†	8 4†	7 13†	8 4†	8 0†	7 11†	Hassan
	Hassan	11 0	12 0	11 0	11 8	14 0	12 0	10 0	10 0	11 8	11 0	12 0	12 0	...	...	...	...	...	...	24 0	22 0	30 0	26 0	28 8	30 0	600 0	600 0	600 0	...	...	...	8 0†	8 0†	7 8†	Mysore
	Shimoga	11 9	11 9	14 11	13 10	13 10	16 13	10 8	10 8	11 13	13 10	12 10	15 8	26 4	25 3	41 8	..	..	..	30 7	31 0	45 10	29 6	29 6	40 15	480 0	480 0	480 0	10 8†	10 8†	...	10 0†	10 0†	8 10†	Hassan
	Kadur	15 0	16 0	9 0	14 0	15 0	...	11 0	11 0	12 0	12 0	12 0	13 0	...	...	...	...	...	...	25 0	25 0	32 0	23 0	23 0	32 0	64 0	64 0	64 0	...	...	...	11 0†	11 0†	9 0†	Shimoga
	Chitaldroog	16 0	16 0	16 0	18 0	18 0	20 0	11 0	12 0	14 0	13 0	14 0	16 0	...	...	...	...	...	...	36 0	39 0	49 5	30 0	30 0	38 0	100 0	100 0	100 0	12 0‡	12 0‡	16 0‡	12 0‡	12 0‡	16 0‡	Kadur
Coorg	Coorg	7 15	7 12	8 5	8 8	8 8	8 12	10 9	10 10	10 11	13 0	13 12	15 10	...	...	...	...	...	...	19 9	19 14	26 15	20 7	20 14	27 2	110 0	110 0	110 0	9 0	9 1	...	8 6	8 12	7 15	Chitaldroog
Rajpootana.	Jeypore	16 12	16 8	15 12	21 8	21 0	22 8	7 0	6 0	6 0	9 0	9 0	9 0	21 0	21 0	26 8	17 0	17 0	21 0	...	...	...	18 0	17 0	20 4	...	...	...	14 4	14 0	...	14 0	13 8	11 0	Coorg
	Kishengurh	16 0	16 0	17 8	21 8	21 8	27 0	8 0	8 0	8 8	9 0	9 0	9 0	21 0	21 0	26 8	*	...	...	...	...	...	20 8	20 8	26 8	...	...	...	...	...	...	16 0	16 0	12 8	Jeypore
	Kerrowlee	16 0	16 0	*	18 8	18 8	*	12 8	12 8	*	13 8	13 8	*	19 0	18 8	*	...	...	...	...	...	...	18 8	18 8	*	...	...	...	13 1	13 10	*	13 0	13 8	*	Kishengurh
	Ulwur	18 7	17 15	16 11	23 5	22 3	21 6	8 0	8 0	8 0	11 8	11 10	10 15	23 5	22 0	20 9	17 0	16 3	19 0	...	...	...	21 11	21 0	19 0	...	...	...	15 13	15 13	...	15 0	15 6	12 4	Kerrowlee
	Bhurtpore (City)	17 7	17 8	16 8	22 13	23 8	20 8	6 12	6 8	6 8	11 4	11 8	7 0	20 11	20 8	21 0	17 11	17 8	17 8	...	...	...	...	...	...	...	...	...	12 0	14 4	...	11 8	14 0	11 8	Ulwur
	Ajmere	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	No return received			Bhurtpore (City)
	Deoli Cantonment	16 5	16 7	18 6	20 0	20 6	23 8	...	...	...	10 8	10 8	10 8	20 0	20 0	24 6	16 0	16 0	22 0	...	...	...	...	...	...	...	...	...	...	...	12 13	13 0	10 8	Ajmere
																													Rs. A. P. per md.	Rs. A. P. per md.	Rs. A. P.				Deoli Cantonment
	Erinpura	16 4	16 10	18 0	28 0	29 0	28 0	...	...	...	8 0	8 0	7 0	22 0	25 0	22 0	22 0	23 0	23 0	...	...	...	22 0	23 0	21 4	160 0	170 0	160 0	3 1 2	3 1 2	...	12 0	12 0	10 8	Erinpura
	Sirohee	17 0	17 8	17 0	28 0	28 0	27 0	7 0	7 0	6 8	8 0	8 8	8 0	17 0	17 0	18 0	21 0	21 0	23 0	...	...	...	23 0	22 0	20 0	160 0	160 0	120 0	3 0 0	3 0 0	...	12 5	12 5	11 7	Sirohee
	Abu	15 6	15 2	14 12	22 12	22 12	22 12	6 8	6 8	5 8	8 0	8 0	7 4	...	...	...	18 0	18 0	18 6	...	...	...	19 0	18 12	16 6	160 0	160 0	160 0	3 8 0	3 12 0	...	11 0	10 8	10 8	Aba
	Anadra	17 8	17 0	16 12	26 0	26 0	27 0	7 8	7 0	6 0	9 0	9 0	8 8	...	...	...	21 0	21 0	21 0	...	...	...	21 2	20 12	18 12	...	..	...	3 4 0	3 8 0	...	12 4	11 8	11 8	Abu
	Hilly Tracts of Meywar	22 0	20 0	24 0	28 0	28 0	42 0	...	...	...	18 0	18 0	15 0	...	...	...	21 0	21 0	21 0	...	...	...	26 0	25 0	32 0	§	§	§	...	...	...	10 0	10 0	8 0	Anadra
																													S. Ch.	S. Ch.	S. Ch.				Hilly Tracts of Meywar
	Meywar (Oodeypore)	15 0½	14 10½	16 0½	19 14½	19 8½	21 14	10 2¼	10 2¼	7 13	...	...	...	...	...	...	...	...	...	...	...	...	17 9½	17 15½	21 1½	200 0	200 0	200 0	9 12½	10 8½	...	9 9	10 2½	6 13½	Meywar (Oodeypore)
	Bánswára (Meywar Agency)	22 8	21 4	28 12	...	...	...	10 0	10 0	7 8	18 12	18 12	17 8	...	...	...	...	...	...	...	...	...	35 0	35 0	60 0	...	...	...	...	...	...	11 4	11 4	9 6	Bánswára (Meywar Agency)
	Partábgarh („)	16 11	16 1	18 12	...	...	...	10 15	10 15	7 8	13 7	13 7	11 4	...	...	...	...	...	...	...	...	...	20 15	20 0	30 0	...	...	...	...	...	...	10 0	10 0	8 12	Partábgarh („)
																													Rs. A. P. per md.	Rs. A. P. per md.	Rs. A. P.				
	Marwar (Jodhpore)	15 15	15 0	14 11	21 4	20 0	18 12	6 4	5 0	5 0	7 8	6 14	6 4	22 8	17 8	18 12	18 12	18 12	17 6	...	...	...	19 6	18 12	13 12	...	...	...	2 9 0	2 9 0	...	15 0	15 0	14 6	Marwar (Jodhpore)
																													S. Ch.	S. Ch.	S. Ch.				
Central India.	Bikaneer	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	No return received			Bikaneer
	Boondee	17 0	16 8	25 0	27 0	25 12	32 0	9 0	9 8	8 12	9 8	10 0	9 8	28 4	26 0	30 12	...	...	...	...	...	...	28 4	25 0	30 0	120 0	140 0	160 0	11 12	11 12	7 8	11 8	11 8	...	Boondee
	Kotah	16 8	15 12	25 8	19 4	20 0	31 0	8 12	8 12	8 0	11 0	11 0	10 0	20 4	19 8	12 0	16 0	16 0	19 4	...	...	...	24 8	22 12	32 8	240 0	240 0	240 0	12 4	12 4	...	11 12	11 12	8 9	Kotah
	Tonk	14 0	14 0	18 2	20 14	20 0	22 8	7 0	7 0	7 0	10 0	10 0	9 0	22 6	21 6	26 7	17 8	16 5	20 9	...	...	...	20 6	19 9	22 11	160 0	160 0	100 0	12 0	12 4	10 8	11 12	12 0	...	Tonk
	Jhallawar	16 1	14 9½	22 7½	15 14	15 14	27 14	...	...	...	8 14	8 14	8 15½	16 4	16 8½	30 1½	13 6	13 6	18 3½	...	...	...	20 1	20 11	28 4	...	...	...	9 15	9 15	...	9 11¼	9 11¼	7 1	Jhallawar
	Shahpoora	16 0	17 1	18 8	21 8	21 5	22 12	9 4	9 8	9 4	13 2	13 8	13 8	17 0	18 4	20 2	16 4	16 1	15 0	...	...	...	19 3	19 0	21 8	160 0	160 0	160 0	13 8	13 2	10 4	13 4	13 0	...	Shahpoora
	Dholpur	17 5	16 13	16 9	23 15	22 8	19 8	10 2	10 2	7 14	12 6	12 6	11 13	21 8	21 6	18 15	20 6	21 8	18 9	...	...	...	22 9	21 7	18 15	...	...	...	12 15	12 15	10 11	12 2	12 3	10 0	Dholpur
	Indore	14 1	15 0	20 0	...	...	...	19 0	8 9	8 0	12 0	10 0	8 9	20 0	20 0	35 8	20 0	20 0	26 11	...	...	...	19 9	19 3	26 10	100 0	100 0	100 0	12 0	11 8	...	11 6	10 14	6 5	Indore
	Gwalior	15 11	15 7	15 10	21 0	20 1	19 3	7 5	7 5	6 14	9 11	9 10	9 6	20 1	18 12	18 0	18 4	15 9	15 8	...	...	...	19 9	18 12	16 12	91 4	91 4	118 10	...	...	...	11 7	11 7	9 15	Gwalior
	Goona	21 0	20 8	28 0	17 0	17 0	21 0	9 12	9 12	9 8	10 0	10 4	10 0	26 0	25 0	35 0	17 0	17 0	21 0	...	...	...	25 0	24 8	35 0	200 0	200 0	200 0	11 8	11 8	...	11 0	11 0	8 10	Goona
	Baghelkhand (Sutna)	21 0	21 0	21 10	32 0	32 10	31 15	8 0	8 0	7 0	18 0	17 12	17 7	32 0	32 10	26 6	24 0	24 0	16 0	...	...	...	30 0	30 0	26 2	160 0	160 0	160 0	12 5	12 5	...	11 10	11 8	10 10	Baghelkhand (Sutna)

* Not received.

† Sea Salt. ‡ Earth Salt. § Eight pies per bundle.

DEPARTMENT OF FINANCE AND COMMERCE,
(*Statistical Branch.*)

D. M. BARBOUR,
Secretary to the Government of India.

GOVERNMENT OF INDIA.

DEPARTMENT OF FINANCE AND COMMERCE.

Comparative Statement of the Nett Indian Sea and Land Customs Revenue (excluding Salt Revenue) for the first four months of the official year 1882-83, and of the eleven preceding years.

(IN THOUSANDS OF RUPEES.)

YEAR.	FOR THE FOUR MONTHS, APRIL TO JULY.																						YEAR.
	BENGAL.				BOMBAY.				SINDH.				MADRAS.				BRITISH BURMA.				TOTAL BRITISH INDIA.					
	On Imports of Liquors.	On other Imports.	On Exports.	Total Revenue.	On Imports of Liquors.	On other Imports.	On Exports.	Total Revenue.	On Imports of Liquors.	On other Imports.	On Exports.	Total Revenue.	On Imports of Liquors.	On other Imports.	On Exports.	Total Revenue.	On Imports of Liquors.	On other Imports.	On Exports.	Total Revenue.	On Imports ca Liquors.	On other Imports.	Total Import Revenue.	Export Revenue.	Total Revenue.	
1871-72 . .	3,38	21,67	7,18	32,23	2,81	10,10	1,33	14,24	41	32	11	1,14	1,59	3,94	4,94	10,67	45	1,36	7,73	9,54	8,24	27,80	45,03	21,53	67,22	1871-72.
1872-73 . .	4,37	21,36	6,97	32,70	1,80	12,99	1,21	16,00	39	29	89	1,18	1 1	4,28	1,00	9,68	1,13	1,67	11,76	17,56	9,69	19,59	19,08	58,54	77,22	1872-73.
1873-74 . .	3,63	20,85	5,26	29,74	2,15	11,54	1,26	14,95	42	21	36	99	1,32	4,59	4,93	10,84	1,20	1,55	12,43	15,16	8,72	38,71	47,46	24,22	71,68	1873-74.
1874-75 . .	4,04	24,63	4,40	32,07	2,10	12,28	1,34	15,81	43	16	30	88	1,37	4,89	4,56	10,62	1,48	2,85	8,77	13,10	9,21	44,02	53,02	19,26	72,28	1874-75.
1875-76 . .	3,88	27,24	5,90	37,02	2,41	13,70	3,25	19,36	44	31	80	1,55	1 10	5,07	5,25	11,81	1 98	1,15	13,72	16 15	8,45	47,77	57,22	30,92	88,14	1875-76.
1876-77 . .	4,32	20,51	3,64	28,30	2,76	10,94	45	14,15	41	18	8	67	1,03	4,20	3,10	9,32	1,07	1,71	20,73	23,51	11,03	37,15	48,46	17,89	66,35	1876-77.
1877-78 . .	5.14	25,71	3,72	34,57	3,13	13,21	48	16,82	75	25	14	1,14	1 71	2,52	63	4,86	1 71	1,75	3,67	7,63	12,51	43,78	56,17	13,84	70,01	1877-78.
1878-79 . .	4.51	21,09	4,61	30,21	2,88	12,57	70	16,15	63	14	9	86	2,00	3,47	1,52	6,99	2 08	2,83	30,76	35,67	12,70	39,93	52,33	17,91	70,24	1878-79.
1879-80 . .	3,95	19,59	2,76	26,30	3,03	10,36	73	14,12	1,00	29	7	1,36	1,13	2,78	1,74	6,25	2,09	1,81	14,53	18,63	12,10	34,86	46,96	19,75	66,71	1879-80.
1880-81 . .	4,46	17,54	3,04	25,01	2,90	13,71	63	17,24	1,50	34	9	1,93	1,71	3,42	3,33	8,53	2,07	2,07	14,05	18,12	12,31	57,38	19,69	71,13	1880-81.
1881-82 . .	4,00	17,10	4,62	26,71	3,56	13,09	60	17,13	1,37	50	12	1,79	1,71	3,46	2,54	7,75	2,01	2,81	16,77	21,13	12,09	37,04	50,73	24,65	75,38	1881-82.
1882-83 . .	4,82	11	4,99	9,83	3,58	82*	52	3,28	1,16	3	29	1,59	1,79	...	1,38	3,17	2,97	1	22.56	25,57	14,32	—64*	13,68	29,56	43,24	1882-83.

* The apparent [illegible] greater than the duty collected.

DEPARTMENT OF FINANCE AND COMMERCE,
STATISTICAL BRANCH;
Calcutta, 21st August 1882.

D. M. BARBOUR,
Secretary to the Government of India.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

IRRIGATION OPERATIONS OF FASL KHARIF, N.-W. PROVINCES, 1882, UP TO 30th JUNE 1882.

CANAL DIVISION.	WATER DISTRIBUTED DURING JUNE 1882.				LAND IRRIGATED (APPROXIMATE).									RAINFALL.		REMARKS.
	Depth in Canal at regulating gauge in feet.		Gross Consumption, cubic feet per second.		Total area of irrigation during current fasl.	Total area for the corresponding period of last year.	ZILA.	Sugarcane.	Indigo.	Rice.	Cotton.	Other food grains.	Fodder crops.	Miscellaneous.	Total.	Total from 1st April to 30th June 1882.	Average of ten previous years for the same period.	
	Full supply.	Actual average throughout.	Allotted charge.	Actual average throughout.														
UPPER GANGES. Northern	10·00	...	740	602	40,665	28,893	Saháranpur	19,393	1,886	6.882	467	102	98	1,577	30.405	2·4	2·6	
UPPER GANGES. Anúpshahr	6·80	...	700	784	53,250	45,468	Muzaffarnagar	47,441	4.083	9.564	1,863	214	446	1,769	65,380	2·0	1·8	
UPPER GANGES. Meerut	8·30	...	969	1,512	58,368	46.955	Meerut	72,376	16,862	3,794	5.342	745	1,835	1,363	102,317	2·86	2·2	
UPPER GANGES. Bulandshahr	7·35	...	972	867	57,226	59,573	Bulandshahr	8,882	52.402	132	6,533	935	212	1,336	70,432	4·2	2·4	
UPPER GANGES. Aligarh	5·50	...	994	319	71,299	71,767	Aligarh	1,238	45,661	176	2,952	1,224	117	1,286	52,654	8·6	2·0	
							Muttra	1,649	9,125	...	8.231	69	144	1,329	20,547	2·5	1·6	
LOWER GANGES. Narora	...	...	...	148	13,351	11,483	Agra	1,179	6,816	11	795	148	52	821	9,822	1·9	1·5	
LOWER GANGES. Mainpuri	...	...	...	149	33,677	28,014	Etah	3,865	26,561	96	760	794	42	1,317	33,435	8·9	2·8	
LOWER GANGES. Cawnpore	6·20	...	958	564	46,923	50,690	Mainpuri	4,964	36.860	108	133	808	40	824	43,737	11·8	3·2	
LOWER GANGES. Etáwah	4·80	...	771	371	63,316	69,977	Fatehgarh	2,210	19,862	6	...	227	15	233	22,553	7·17	3·5	
LOWER GANGES. Bhognipur	...	...	...	148	21,072	19,590	Etáwah	8,124	41,606	2	...	356	60	636	50,784	5·2	1·9	
							Cawnpore	4,364	38,823	1,664	...	1,189	348	943	47,331	10·5	2·7	
							Delhi	8	...	...	11	...	...	19	1·1	2·3	
TOTAL, UPPER AND LOWER GANGES CANALS	...	...	...	5,464	459,147	432,410	Gurgaon	2,123	2,019	...	7,777	35	250	66	12,270	·8	2·1	
							Dehra Dún	974	...	1,101	1	...	...	286	2,362	8·0	6·8	
							Bijnor	...	...	114	...	...	...	1,159	1,273	4·4	3·0	
							Tarái	1,282	...	281	...	...	...	...	1,563	10·8	5·1	
							Pilibhit	1,067	...	281	...	...	...	...	1,348	7·4	4·0	
							Bareilly	8,938	...	1,938	...	...	...	...	10,876	8·4	3·6	
							Jhánsi	21	..	...	...	...	...	2	23	10·2	3·2	
							Hamírpur	11	...	15	...	...	...	1	27	15·9	4·2	
Eastern Jumna Canal	...	...	1,250	1,249	60,868	54,258												
Agra Canal	...	...	2,000	721	41,671	38,991	TOTAL	190,109	302,566	26,165	34,865	6,846	3,659	14,948	579,158	...	..	
Rohilkhand	...	...	...	63	13,787	10,190												
Bijnor	...	...	...	...	1,273	3,138	TOTAL FOR THE SAME PERIOD LAST YEAR	160,759	299,429	20,518	36.608	6,458	2,506	15,289	541,567	...	...	
Dún	...	...	...	122	2,362	2,555												
Jhánsi	...	...	...	...	23	13	Increase	29,350	3,137	5,647	...	388	1,153	...	37,591	...	...	
Hamírpur	...	...	...	...	27	12												
							Decrease	...	...	...	1,743	...	...	341	...	...	...	
TOTAL	...	...	...	...	579,158	541,567												

Cubic feet per second.

Entering head of Ganges Canal . . . 6,182
„ Lower Ganges Canal . . 1,807
7,969

Expended—
Ganges Canal 4,084
Lower Ganges Canal . . . 1,380
5,464

Escapes—
Anúpshahr Branch . . . 167
Meerut Division . . . 75
Bulandshahr ditto . . . 82
Aligarh ditto . . . 42
Narora ditto . . . 203
Mainpuri . . . 520
Cawnpore . . . 461
Etawah . . . 294
Bhognipur . . . 398
Percolation, Lower Ganges Canal 219
2,461
Unaccounted for . . . 44
7,969

Executive Engineer, Meerut Division, reports that the demand was small in Lower Divisions from the 12th June. Hence the Meerut Division was able to raise distributary supply from 790 to 970 cubic feet. This gave great relief as there was a great drought with constant hot wind, and no rain fell till the 28th June, and then only one inch on the average, wholly insufficient for ploughing and sowing.

Executive Engineer, Mainpuri Division, reports that the monsoon commenced on the 11th June, stopping all demand for the remainder of the month, and that there was much less rain in the eastern than in the western part of the division.

Executive Engineer, Agra Canal, reports that the demand was fluctuating, and that but little new irrigation was effected after the rain of the 11th June.

Executive Engineer, Rohilkhand Canals, reports that the rains set in on night of the 10th June. Excessive rainfall of 9 and 10 inches recorded on 7th July, and rivers in east portion of division; the Bahgul, Pangaili, Absara, and Deoha were in extraordinarily high flood, and the whole country between them inundated.

From the 1st to 10th all water was being used up for sugar irrigation. From the 10th to 20th no water was used; during the latter portion of the month water was in demand for rice. Considerable floods came down the hill rivers on 12th and 20th. Excessive rainfall

ALLAHABAD,
The 1st August 1882.

G. H. D. WALKER,
Asst. Secy. to Govt., N.-W. P. and Oudh, P. W. D., Irrigation Branch.

STATEMENT OF TRAFFIC ON THE AGRA CANAL FOR THE MONTH OF JUNE 1882.

Nature of Traffic.	Agra Canal. Principal items of Traffic. Up. Mds.	Up. No.	Down. Mds.	Down. No.	Total up and down. Mds.	Total up and down. No.
Grains—						
Wheat	375	...	4,450	...	4,825	...
Gram	...	...	2,150	...	2,150	...
Rice	...	...	...	...	...	...
Paddy or dhán	...	...	...	...	...	...
Bejhar or mixed grain	...	...	...	...	...	...
Dal—						
Urd	...	...	...	...	...	...
Mung	...	...	1,025	...	1,025	...
Arhar	...	...	...	...	...	...
Masuri	...	...	...	...	...	...
Juár	...	...	1,250	...	1,250	...
Bájra	...	...	...	...	...	...
Maize or Indian-corn	...	...	...	...	...	...
Barley	...	...	1,025	...	1,025	...
Total	375	...	9,900	...	10,275	...
Cotton	...	...	585	...	585	...
Oilseeds	...	...	...	...	...	...
Salt	...	...	...	...	...	...
Metals	...	...	...	...	...	...
Building materials	14,087	...	...	...	14,087	...
Miscellaneous goods	300	...	3,390	...	3,690	...
Firewood	...	...	80	...	80	...
Bamboos	...	...	110	...	110	...
Timber—						
Poles and unsquared timber	...	...	1,090	...	1,090	...
Karis and squared timber	...	...	...	...	...	...
Logs	...	...	...	...	...	...
Miscellaneous timber	...	...	...	...	...	...
Live-stock	...	...	...	...	...	...
Grand Total	14,762	...	15,155	...	29,917	...
Total during corresponding period of last year	22,425	...	47,994	...	70,419	...
Increase	...	...	...	...	...	...
Decrease	33,232	...	7,270	...	40,502	...

Remarks.

Particulars.	Agra Canal. 1882.	Agra Canal. 1881.
Tonnage, including weight of timber and bamboos	1,099	2,586
Ton mileage	117,474	289,092
Value of goods Rs.	46,089	61,580
Number of passengers	...	...

Allahabad,
The 1st August 1882.

G. H. D. WALKER,
Asst. Secy. to Govt., N.-W. P. and Oudh, P. W. D., Irrigation Branch.

STATEMENT OF TRAFFIC ON UPPER AND LOWER GANGES CANALS FOR THE MONTH OF JUNE 1882.

	Upper Ganges Canal. Principal items of local Traffic. Up. Mds.	Up. Nos.	Down. Mds.	Down. Nos.	Total up and down. Mds.	Total up and down. Nos.	Lower Ganges Canal. Principal items of local Traffic. Up. Mds.	Up. Nos.	Down. Mds.	Down. Nos.	Total up and down. Mds.	Total up and down. Nos.	Upper and Lower Ganges Canals. Principal items of through Traffic. Up. Mds.	Up. Nos.	Down. Mds.	Down. Nos.	Total up and down. Mds.	Total up and down. Nos.	Upper and Lower Ganges Canals. Principal items of local and through Traffic. Up. Mds.	Up. Nos.	Down. Mds.	Down. Nos.	Total up and down. Mds.	Total up and down. Nos.	Remarks.
Grains.																									
Wheat	995	...	5,336	...	6,331	...	...	...	175	...	175	...	1,495	...	2,233	...	3,728	...	2,490	...	7,674	...	10,164	...	
Gram	2,968	...	300	...	3,263	...	1,451	...	...	...	1,451	...	...	...	...	...	...	...	4,414	...	300	...	4,714	...	
Rice	75	...	...	...	75	...	121	...	...	...	121	...	676	...	...	...	676	...	872	...	...	...	872	...	
Paddy or dhán	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Bejhar or mixed grain	...	...	...	...	...	...	...	...	...	...	...	...	...	...	102	...	102	...	...	...	102	...	102	...	
Dál ... Urd	...	...	800	...	800	...	649	...	...	...	649	...	...	...	1,780	...	1,780	...	649	...	2,580	...	3,229	...	
Dál ... Mûng	...	...	200	...	200	...	...	...	...	...	...	...	...	...	45	...	45	...	...	...	245	...	245	...	
Dál ... Arhar	75	...	...	...	75	...	225	...	...	...	225	...	2,315	...	...	...	2,315	...	2,615	...	...	...	2,615	...	
Dál ... Masuri	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Juár	74	...	300	...	374	...	...	...	...	...	...	...	...	...	...	...	...	...	74	...	300	...	374	...	
Bájra	...	...	...	...	...	...	31	...	...	...	31	...	...	...	...	...	...	...	31	...	...	...	31	...	
Maize or Indian-corn	...	...	...	...	...	...	250	...	...	...	250	...	...	...	...	...	...	...	250	...	...	...	250	...	
Barley	...	...	...	...	...	...	333	...	...	...	333	...	...	...	54	...	54	...	333	...	54	...	387	...	
Total	4,182	...	6,936	...	11,118	...	3,060	...	175	...	3,235	...	4,486	...	4,214	...	8,700	...	11,728	...	11,325	...	23,053	...	
Cotton	...	...	...	...	...	...	...	...	309	...	309	...	...	...	1,890	...	1,890	...	...	...	2,199	...	2,199	...	
Oilseeds	...	...	60	...	60	...	...	...	18,148	...	18,148	...	3,278	...	2,640	...	5,918	...	3,278	...	20,848	...	24,126	...	
Salt	300	...	...	...	300	...	73	...	3,929	...	4,002	...	80	...	62,641	...	62,721	...	453	...	66,570	...	67,023	...	
Metals	220	...	598	...	818	...	342	...	...	...	342	...	1,664	...	34	...	1,698	...	2,226	...	632	...	2,858	...	
Building materials	5,303	...	22,339	...	27,642	...	14,101	...	23,000	...	37,101	...	...	...	1,468	...	1,468	...	19,404	...	46,807	...	66,211	...	
Miscellaneous goods	1,387	...	870	...	2,257	...	185	...	3,068	...	3,253	...	4,270	...	4,592	...	8,862	...	5,842	...	8,530	...	14,372	...	
Firewood	8,800	...	4,638	...	13,438	...	463	...	16,088	...	16,551	...	...	...	...	...	...	...	9,263	...	20,726	...	29,989	...	
Bamboos	...	...	43,728	874,560	43,728	874,560	...	...	4,462	89,240	4,462	89,240	...	...	...	...	...	...	...	...	48,190	963,800	48,.90	963,800	
Timber. Poles and unsquared timber.	...	...	11,025	11,025	11,025	11,025	185	185	...	...	185	185	15	15	...	...	15	15	200	200	11,025	11,025	11,225	11,225	
Timber. Karis and squared timber.	200	200	11,233	11,233	11,433	11,433	125	125	...	...	125	125	82	82	...	...	82	82	407	407	11,233	11,233	11,640	11,640	
Timber. Logs	210	11	35	2	245	13	...	...	...	...	...	...	...	...	...	...	...	...	210	11	35	2	245	13	
Miscellaneous timber	...	...	947	1,894	947	1,894	...	...	...	...	...	...	...	...	...	...	...	...	...	...	947	1,894	947	1,894	
Live-stock	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Grand Total	20,602	211	102,409	898,714	123,011	898,925	18,534	310	69,179	89,240	87,713	89,550	13,875	97	77,479	...	91,354	97	53,011	618	249,067	987,954	302,078	988,572	
Total during corresponding period of last year	31,636	1,289	103,924	672,082	135,560	673,362	7,464	12,351	36,353	131,430	43,817	143,781	9,944	3,038	38,294	60	48,238	3,098	49,044	16,669	178,571	803,572	227,615	820,241	
Increase	...	...	...	226,632	...	225,563	11,070	...	32,826	...	43,896	...	3,931	...	39,185	...	43,116	...	3,967	...	70,496	184,382	74,463	168,331	
Decrease	11,034	1,069	1,515	...	12,549	...	...	12,041	...	42,190	...	54,321	...	2,941	...	60	...	3,001	...	16,051	...	...	...	...	

Particulars.	Upper Ganges Canal (local). 1881.	Upper Ganges Canal (local). 1882.	Lower Ganges Canal (local). 1881.	Lower Ganges Canal (local). 1882.	Upper and Lower Ganges Canals (through). 1881.	Upper and Lower Ganges Canals (through). 1882.	Total Upper and Lower Ganges Canals. 1881.	Total Upper and Lower Ganges Canals. 1882.
Tonnage, including weight of timber and bamboos	5,021	4,519	1,623	3,222	1,787	3,356	8,431	11,097
Ton mileage	217,045	2,116	147,768	228,517	435,356	2,226,239	800,169	2,796,872
Value of goods Rs.	48,956	3,771	1,34,254	2,48,994	2,09,246	3,58,462	3,92,456	7,21,227
Number of passengers	...	259	...	...	37	10	37	269

Allahabad,
The 1st August 1882.

G. H. D. WALKER,
Asst. Secy. to Govt., N.-W. P. & Oudh, P. W. D., Irrigation Branch.

GOVERNMENT OF INDIA.
PUBLIC WORKS DEPARTMENT.
IRRIGATION BRANCH.

IRRIGATION OPERATIONS IN BENGAL FOR 1882-83.

Areas leased for irrigation up to end of June 1882.

Circle.	District.	Canal.	Estimated full discharge in cubic feet per second.	Estimated full discharge in cubic feet per second.	Estimated full discharge in cubic feet per second.	Estimated full discharge in cubic feet per second.	Rabi. Annual leases. Leased in June 1882.	Rabi. Annual leases. Leased up to end of June 1882.	Rabi. Three-year leases. Total, inclusive of unexpired leases of previous years.	Kharíf. Five-year leases. Leased in June 1882.	Kharíf. Five-year leases. Leased up to end of June 1882.	Kharíf. Five-year leases. Total, inclusive of unexpired leases of previous years.	Kharíf. Three-year leases. Leased in June 1882.	Kharíf. Three-year leases. Leased up to end of June 1882.	Kharíf. Three-year leases. Total, inclusive of unexpired leases of previous years.	Kharíf. Annual leases. Leased in June 1882.	Kharíf. Annual leases. Leased up to end of June 1882.	Three-year leases. Leased in June 1882.	Three-year leases. Leased up to end of June 1882.	Three-year leases. Total, inclusive of unexpired leases of previous years.	Sugarcane. Leased in June 1882.	Sugarcane. Leased up to end of June 1882.	Grand Total. Kharíf.	Grand Total. Rabi.	Sugarcane.	Grand Total. Total.	Grand total of the corresponding month of previous years.	Rainfall. Inches during the month.	Rainfall. Inches during kharif.	Rainfall. Average of the ten previous years of the same period.	Remarks.
			c. ft.	c. ft.	c. ft.	c. ft.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Ins.	Ins.	Ins.	
Orissa	Cuttack	Kendrapara	1,269	308·60			381	502														1	1	64,191	50,175	1	64,193	60,176	0·16	17·03	9·81	
		Patamoondee	1,042	33·50			18	18																12,086	12,046		12,086					
		High Level, Section I	675	...			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8	14,221	14,213	8	14,221	13,992	6·16	17·03	9·81	
		Taldanda	1,300	187·00			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	11,008	11,008	...	11,008	10,602				
		Matchgong	660	60·00			188	188	...	...	...	...	...	...	...	...	...	...	...	...	...	10	31,664	31,466	198	31,664	28,614				
	Balasore	High Level, Section II	727·16	83·41			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	1,383	1,380	3	1,383	1,412				
	Total of the month		...	...			597	706														22	124,553		706	22	116,844	6·16	17·04	9·81	(a) Leases for 23,341 acres expired on 31st March 1882.
	Total of the corresponding month of previous year		...	...			4,254	5,005														167	116,844		5,005	167	...	17·04	18·42	8·85	
	Total of the month		...	...			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5,005				100,573	9·01	18·96	16·34	
	Total of the corresponding month of previous year		...	...			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...				75,241	8·25	18·44	15·02	
South-Western	Midnapore	Midnapore	876	413			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...				10,294	17·26	37·40	31·36	
	Howrah	Panchkoorah	300	66			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...				85,536	40·06	52·15	30·96	
	Total of the month		...	...			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...				103,819	5·47	3·20	6·47	(b) Three years' leases which expired on 31st May 1882.
	Total of the corresponding month of previous year		...	...			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...				85,536	2·80	3·20	7·15	
Bone	Shahabad	Western Main	4,342	were closed for repairs.			...	...	...	271	861	1,260	...	...	...	...	...	...	...	...	...	...	...				103,819	4·10	5·72	7·15	
	Arrah	Buxar	1,225				...	...	...	535	2,212	4,806	...	...	...	...	...	...	...	...	...	...	...				2,512	8·58	10·54	7·05	
	Patna and Gya	Eastern Main	1,660	387			...	...	...	624	1,150	34,142	...	...	...	...	...	...	...	...	...	...	...				7,781				
		Patna	1,466	387			...	...	...	407	464	214	...	...	...	...	...	...	...	...	...	...	...				41,885				
	Total of the month		...	...			...	...	...	1,837	4,775	7,163	...	...	...	...	...	...	...	...	...	...	...				292				
	Total of the corresponding month of previous year		...	...			...	...	...	5,180	7,699	47,585	...	...	...	...	...	...	...	...	...	...	...				10,004				
	Grand total of the month		...	...			...	...	...	5,180	7,699	12,761	...	...	...	...	...	...	...	...	...	...	...				62,474				
	Grand total of the corresponding month of previous year		...	...			...	...	...	4,861	9,786	233,609	...	...	...	...	...	...	...	...	...	...	...				36,962				
	Grand total of the corresponding month of previous year		...	...			...	...	...	5,180	7,699	216,844	...	...	436	20,678	1,183	...	...	9,290	1,183	...	...				267,625				
																											13,915				
																											257,625				
																											...				
																											38·90				
																											267,625				
																											38·90				
																											...				
																											15·87				
																											15·87				
																											15·46				
																											19·46				
																											19·67				
																											26·18				
																											21·34				
																											73·89				
																											60·54				
																											38·90				
																											61·15				

G. F. E. S. NEILL, *Major, M.S.C.,*
Asst. Secy. to the Govt. of Bengal
in the P. W. Dept., Irrigation Branch.

CALCUTTA,
The 4th August 1882.

GOVERNMENT OF INDIA.

REVENUE AND AGRICULTURAL DEPARTMENT.

No. 5Fh., dated 25th August 1882.

NOTIFICATION—By the Government of India, Revenue and Agricultural Department.

The following prospectus, received from Her Majesty's Secretary of State for India, of the International Fisheries Exhibition, which it is proposed to hold in London in 1883, is published for general information:—

REVISED EDITION.

The Great International Fisheries Exhibition.

LONDON, 1883.

PATRON.

HER MOST GRACIOUS MAJESTY THE QUEEN.

PRESIDENT.

HIS ROYAL HIGHNESS THE PRINCE OF WALES, K.G.

VICE-PRESIDENTS.

His Royal Highness the Duke of Edinburgh, K.G.
His Royal Highness the Duke of Connaught, K.G.
His Royal Highness the Duke of Albany, K.G.
His Royal Highness the Duke of Cambridge, K.G., F.M.
His Royal Highness Prince Christian, K.G.
His Serene Highness the Duke of Teck, G.C.B.
His Serene Highness Count Gleichen.
The Earl Spencer, K.G., Lord President of the Council.
The Duke of Norfolk, Earl Marshal of England.
The Duke of Richmond and Gordon, K.G.
The Duke of Beaufort, K.G.
The Duke of St. Albans.
The Duke of Marlborough, K.G.
The Duke of Hamilton, K.T.
The Duke of Buccleuch, K.G.
The Duke of Argyll, K.T.
The Duke of Athole, K.T.
The Duke of Roxburghe.
The Duke of Portland.
The Duke of Manchester, K.P.
The Duke of Northumberland, K.G.
The Duke of Sutherland, K.G.
The Duke Abercorn, K.G.
The Duke of Westminster, K.G.
James Russell Lowell, Esq., United States Minister in London.
The Marquess of Salisbury, K.G.
The Marquess of Waterford, K.P.
The Marquess of Exeter.
The Marquess of Ormonde.
The Earl Percy.
The Marquess of Hamilton.
The Earl of Shaftesbury, K.G.
The Earl of Jersey.
The Earl of Breadalbane.
The Earl of Rosebery.
The Earl of Howth.

VICE-PRESIDENTS—continued.

The Earl Granville, K.G., H. M. Secretary of State for Foreign Affairs.
The Earl of Kimberley, H. M. Secretary of State for the Colonies.
His Excellency the Earl of Dufferin, K.P., G.C.M.G., K.C.B., H. B. M. Ambassador at Constantinople.
The Earl Northbrook, G.C.S.I., H. M. First Lord of the Amiralty.
The Lord Henry J. M. D. Scott, M.P.
The Lord Algernon Percy, M.P.
The Right Hon. Lord George F. Hamilton, M.P.
The Viscount Combermere.
His Excellency Viscount Lyons, G.C.B., G.C.M.G., H. B. M. Ambassador at Paris.
The Lord Lovat.
The Lord Colville of Culross, K.T.
The Lord Walsingham.
The Lord Rendlesham, M.P.
Major-General Lord Abinger, C.B.
The Lord Elcho, M.P.
The Lord Alfred Paget.
The Right Hon. Lord Richard Grosvenor, M.P.
The Baroness Burdett-Coutts.
The Lord Aberdare.
The Lord Alington.
The Lord Ardilaun.
The Lord Tweedmouth.
The Right Hon. the Speaker of the House of Commons, G.C.B.
The Right Hon. Sir W. Vernon Harcourt, M.P., H. M. Secretary of State for the Home Department.
The Hon. Evelyn M. Ashley, M.P., Secretary to the Board of Trade.
Admiral of the Fleet the Hon. Sir Henry Keppel, G.C.B.
His Excellency The Right Hon. Sir Henry George Elliott, G.C.B., H. B. M. Ambassador to the Court of Vienna.
The Right Hon. W. E. Gladstone, M.P., H. M. First Lord of the Treasury.
The Right Hon. Sir Stafford Henry Northcote, Bart., G.C.B., M.P.
The Right Hon. John Bright, M.P., Chancellor of the Duchy of Lancaster.
The Right Hon. William E. Forster, M.P., H. M. Chief Secretary for Ireland.
His Excellency the Right Hon. Sir Edward Thornton, K.C.B., H. B. M. Ambassador at St. Petersburg.
Admiral the Right Hon. Sir John Charles Hay, Bart., C.B., F.R.S., D.C.L., M.P.
His Excellency the Right Hon. Sir Augustus Berkeley Paget, K.C.B., H. B. M. Ambassador at Rome.
The Right Hon. Sir John Alexander Macdonald, K.C.B., Premier of Canada.
The Right Hon. William Henry Smith, M.P.
The Right Hon. Antony John Mundella, M.P.
The Right Hon. Henry Fawcett, M.P.
The Right Hon. the Lord Mayor of London.
The Right Hon. the Lord Mayor of York.
The Right Hon. the Lord Mayor of Dublin.
Sir Francis Burdett, Bart.
Sir Harry Paul Burrard, Bart.
Sir John Lubbock, Bart., M.P.
Sir James Maitland, Bart.
Lieutenant-Colonel Sir James McGarel Hogg, Bart, K.C.B., M.P, Chairman of the Metropolitan Board of Works.
Sir Nathaniel Mayer de Rothschild, Bart., M.P.
Sir James Clarke Lawrence, Alderman, Bart., M.P.
Sir Richard Wallace, Bart., K.C.B, M.P.
The Hon'ble Charles Ellis.
Colonel Sir Howard Crauford Elphinstone, R.E., K.C.B., C.M.G., V.C.
General Sir Charles Ellice, K.C.B., *late* Adjutant General.
Admiral Sir Astley Cooper Key, K.C.B., F.R.S., First Naval Lord of the Admiralty.
Admiral Sir Richard Collinson, K.C.B., Deputy Master of the Trinity House.
Sir Thomas Brassey, K.C.B., M.P., Junior Lord of the Admiralty.
Sir Arthur Blyth, K.C.M.G., Agent-General for South Australia.
Sir William V. Whiteway, K.C.M.G., Premier of Newfoundland.
Sir Francis Dillon Bell, K.C.M.G., Agent-General for New Zealand.
Sir Donald Currie, M.P., K.C.M.G.
Sir Thomas Chambers, the Recorder of London, Q.C., M.P.
Sir Samuel Wilson.
Sir Allen Young, C.B.
Admiral Sir E. A. Inglefield, C.B., F.R.S.
Colonel Charles Pasley, R.E., C.B., Chairman of Board of Advice to the Agent-General of Victoria.
James A. Youl, Esq., C.M.G.
The Hon'ble Saul Samuel, C.M.G., Agent-General for New South Wales.
Admiral Alfred P. Ryder.
Thomas Archer, Esq., Agent-General for Queensland.
Spencer Walpole, Esq. } H. M. Inspectors of
Professor Huxley, F.R.S. } Fisheries.
Archibald Young, Esq. } Commissioners of
Henry Gordon Cumming, Esq. } Scotch Salmon
James Leslie, Esq., C.E. } Fisheries.
Major Hayes. } Inspectors of Irish
Thomas F. Brady, Esq. } *Fisheries.*
W. Johnston, Esq. }
James Bryce, Esq., M.P.
W. S. Caine, Esq., M.P.
Octavius E. Coope, Esq., M.P.
J. Dodds, Esq., M.P.
Daniel Grant, Esq., M.P.
Montague J. Guest, Esq., M.P.
John Holms, Esq., M.P.
William MacArthur, Esq., M.P.
A. Pease, Esq., M.P.
J. E. Thorold Rogers, Esq., M.P.
George Otto Trevelyan, Esq., M.P., Secretary to the Admiralty.
Edward Baring, Esq.,
Dr. Günther, British Museum.
Baron Hambro.
Dorien Smith, Esq.
William Spottiswoode, Esq., M.A., President of the Royal Society, &c.
The Prime Warden, Wardens, and Court of Assistants of the Fishmongers' Company.

MEMBERS OF THE GENERAL COMMITTEE.

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His Royal Highness The Duke of Edinburgh, K.G.
Count Gleichen.
The Duke of St. Albans.
The Marquess of Exeter.
The Marquess of Hamilton.
The Earl of Aberdeen.

The Earl of Ducie.
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The Prime Warden and Wardens of the Fishmongers' Company.
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W. J. R. Cotton, Esq., Alderman, M.P.
J. Dodds, Esq., M.P.
R. W. Duff, Esq., M.P.
R. N. Fowler, Esq., Alderman, M.P.
Edward Heneage, Esq., M.P.
William Lawrence, Esq., Alderman, M.P.
C. M. Norwood, Esq., M.P.
John Pender, Esq., M.P.
A. Pendarves Vivian, Esq., M.P.
Reginald Hanson, Esq., Alderman and Sheriff, M.A.
Spencer Walpole, Esq. } H. M. Inspectors of
Professor Huxley, F.R.S. } Salmon Fisheries.
Archibald Young, Esq. } Commissioners of
Henry Gordon Cumming, Esq. } Scotch Salmon
James Leslie, Esq., C.E. } Fisheries.
Major Hayes. } Inspectors of Irish
Thomas F. Brady, Esq. } Fisheries.
William Johnston, Esq. }
E. Lonsdale Beckwith, Esq.
Mr. Deputy James Bell.
W. L. A. B. Burdett-Courts, Esq.
C. Louis Buxton, Esq.
James Caird, Esq., C.B., F.R.S.
A. J. N. Chamberlain, Esq., Honorary-Inspector, Norfolk and Suffolk Rivers Fishery.
W. Oldham Chambers, Esq.
James H. Crossman, Esq.
Colonel F. Custance.
Edward Edwards, Esq.
Henry Ffennell, Esq.
Francis Francis, Esq.
Robert Hewitt, Esq.
Alfred Jardine, Esq.
Edward Jex, Esq.
J. J. Kanné, Esq.
Henry Lee, Esq.
Professor L. Levi.
Major Flood Page.
T. J. Mann, Esq.
R. B. Marston, Esq.
Colonel J. Mawson (President, Manchester Anglers' Association).
S. Hope Morley, Esq.
Colonel J. C. D. Morrison.
Richard D. Odell, Esq.
John Last Sayer, Esq.
Thomas Spreckley, Esq.
James Stevenson, Esq.
C. Cecil Trevor, Esq.
J. W. Willis-Bund, Esq., LL.D.
W. H. Williamson, Esq.
Frederick Wiseman, Esq.
W. Fell Woods, Esq.

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CHAIRMAN.—Edward Birkbeck, Esq., M.P.

The Marquess of Hamilton.
The Earl of Ducie.
Sir John St. Aubyn, Bart., M.P.
W. S. Shoobridge, Esq., the Prime Warden of the Fishmongers' Company.
J. H. Fordham, Esq. } Wardens of the
Sir Thomas Dakin, Alderman } Fishmongers' Company.
R. W. Duff, Esq., M.P.
Major Flood Page.
W. L. A. B. Burdett-Coutts, Esq.
James H. Crossman, Esq.
Alfred Jardine, Esq.
John Last Sayer, Esq.
W. Fell Woods, Esq.

BANKERS.

Messrs. Coutts & Co., 59, Strand, W.C.

The Imperial Bank, 6, Lothbury, E.C.

DIRECTOR AND SECRETARY.

Sir B. T. Brandreth Gibbs.

ASSISTANT SECRETARY.

Harry W. Towse.

OFFICES.

24, Haymarket, S.W.

CLASSIFICATION.

Exhibitors to quote the number in this column.

CLASS I.

FISHING.

Section I.—Sea Fishing.

Division 1 — (1) [redacted]of every description and of all nations used in trawl, herring, long [redacted] hand line, and every other mode or system of fishing, including [redacted]ets, lines, hooks, harpoons, tackle, &c., employed in the same.

Division 2 — (2) [redacted] dredges, crab, lobster, prawn, &c., pots, and other appliances for [redacted]hing fish of this description.

(3) Fishing craft of all nations, models, and representations of the same.

Division 3 — (i) Steam fishing vessels and steam carriers.

Division 4 — (ii) Fishing vessels and boats other than steam vessels.

Division 5 — (4) Ropes and canvas suitable to fishing vessels.

Division 6 — (5) Steam capstans, compasses, barometers, telescopes, lights, lamps, fog horns, systems of signalling at night for fishing fleets and vessels, electric lights, luminous paint, and other equipment of fishing vessels, charts for fishermen.

Division 7 — (6) Models of harbours, piers, and slips for fishing purposes.

Division 8 — (7) Fishing tackle and netting in different stages of preparation, and machinery used for working up the raw material.

Division 9 — (8) Life-boats, their equipment, and life-saving apparatus of every description.

Division 10 — (9) Appliances and methods for breaking the force of the sea at the entrance of harbours and elsewhere.

Division 11 — (10) Methods of communication from the shore to light-ships and fishing fleets by submarine cables.

Division 12 — (11) Methods of protecting submarine cables from injury by fishing operations (illustrated by models and drawings).

Section II.—Freshwater fishing.

Division 13 — (1) Salmon nets and fixed appliances for catching salmonidæ in all their va[redacted]eties.

Division 14 — (2) Salmon rods, reels, lines, artificial flies and baits, gaffs, [redacted]pears, creels, &c.

Division 15 — (3) Trout rods, reels, landing nets, lines, artificial flies, [redacted]baits, baskets, bags, &c.

Division 16 — (4) Pike, barbel, and other coarse fish-rods, reels and tackle, artificial spinning baits, &c.

Division 17 — (5) Traps, nets, bucks, wheels, and all kinds of apparatus for catching eels, lampreys, &c.

Division 18 — (6) Hooks, &c.

Division 19 — (7) Anglers' apparel of every description.

Division 20 — (8) boats, punts, cobles, collapsible, portable, &c., in models or otherwise.

NOTE.—*The above classification is suggested as a convenient one for this class, but it is not intended to exclude any objects which come within the class.*

CLASS II.

ECONOMIC CONDITION OF FISHERMEN.

Division 21 — (1) Apparel and personal equipment.

Division 22 — (2) Food and medicine chests.

Division 23 — (3) Models and plans of dwellings.

Division 24 — (4) Contracts of partnerships; insurances of life, boats, gear, &c.; benefit societies,

CLASS III.

COMMERCIAL AND ECONOMIC.

1.—Preparation, preservation, and utilisation of fish.

(*a*) For edible purposes—

Division 25 — (i) Models of fish-curing establishments; methods of, and models and other representations of, any appliances for drying, curing, salting, smoking, tinning, cooking, &c.

Division 26 — (ii) Fish dried, smoked, cured, salted, tinned, or otherwise prepared for food.

Exhibitors to quote the number in this column.

Division 27 — (iii) All products prepared from fish, such as oils, roes, isinglas, &c.

Division 28 — (iv) Antiseptics suitable for preserving fish for food.

(*b*) For other than edible purposes—

Division 29 — (i) Oils, manures, and other products prepared from fish.

Division 30 — (ii) Methods of, and models and other representations of appliances for, preparing oils and manures from fish.

Division 31 — (iii) Sea and fresh water pearl shells; mother-of-pearl manufactured; pearls sorted.

Division 32 — (iv) Preparation and application of sponges, corals, pearls, shells, and all parts and products of aquatic animals, &c., to purposes useful and ornamental, with specimens.

2.—Transport and sale of fish.

Division 33 — (*a*) Appliances for carrying fish and for preserving fish during transport or otherwise, and models of the same.

Division 34 — (*b*) Models of fish markets, and appliances connected with the same.

CLASS IV.

FISH CULTURE.

Division 35 — (1) Models or drawings of fish hatching, breeding and rearing establishments, including oyster and other shellfish grounds; and all apparatus and implements connected with the same, and for transporting fish and fish ova; food for fry.

Division 36 — (2) Representations illustrative of the development and progressive growth of fish.

Division 37 — (3) Models and drawings of fish passes and fish ladders.

(4) Scientific investigation.

Division 38 — (i) Models and drawing of diseases of fish, with special reference to their origin and cure.

Division 39 — (ii) Processes for rendering streams polluted by sewage and chemical or other works innocuous to fish life (illustrated by models and drawings).

Division 40 — (iii) Physico-chemical investigation into those qualities of sea and fresh water which affect aquatic animals; investigation of the bottom of the sea and of lakes, shown by samples; aquatic plants in relation to fishing, &c.; researches into the aquatic fauna (animals of the several classes preserved in alcohol or prepared, &c.); apparatus and implements used in such researches.

Division 41 — (5) Acclimatisation of fish.

CLASS V.

NATURAL HISTORY.

Aquaria.

(1) Specimens living (marine and fresh water), fresh, stuffed or preserved, casts, drawings and representations of—

Division 42 — (*a*) Algæ arranged according to their various species and localities.

Division 43 — (*b*) Sponges, in their natural state.

Division 44 — (*c*) Corals, in their natural state, polyps, jelly-fish, &c.

Division 45 — (*d*) Entozoa.

Division 46 — (*e*) Mollusca of all kinds and shells not included in Class III.

Division 47 — (*f*) Star-fishes, sea urchins, holothuriæ.

Division 48 — (*g*) Worms used for bait, or noxious; leeches, &c.

Division 49 — (*h*) Perfect insects and larvæ of insects, which are destroyers of spawn or serve as food for fish.

Division 50 — (*i*) Crustacea of all kinds.

Division 51 — (*k*) FISH OF ALL KINDS.

Division 52 — (*l*) Reptiles, such as tortoises, turtles, terrapins, lizards, serpents, frogs, newts, &c.

Division 53 — (*m*) Aquatic and other birds hostile to fish or fishing.

Division 54 — (*n*) Aquatic and amphibious mammalia (otters, seals, whales, &c.) and others detrimental to fish.

Division 55 — (2) Works on Ichthyology. Maps illustrating geographical distribution, migration, &c., of fishes and spawn.

Division 56 — (3) Specimens and representations illustrative of the relations between extinct and existing fishes.

Exhibitors to quote the number in this column.

CLASS VI.

HISTORY AND LITERATURE OF

Fishing—Fishery Laws—Fish Commerce.

Division 57 (1) Ancient fishing implements or their reproductions—models—pictures—books—emblems—charters and seals of ancient fishermen guilds.

Division 58 (2) Fishery laws of different countries,

Division 59 (3) Copies of treaties, conventions, &c., dealing with international fishery relations.

Division 60 (4) Reports, statistics and literature of fish, fishing, and fisheries.

Division 61 (5) Reports on acclimatisation of fish, and of attempts in this direction.

CLASS VII.

LOAN COLLECTIONS.

Collections within the scope of the foregoing classes.

Money Prizes.

The Committee will be prepared to receive and consider the offer of money prizes for any special exhibits or essays connected with the objects of the exhibition.

ESSAYS.

Preliminary notice.

Prizes of £100 will be given for each of the following subjects, *viz.*:—

(1) The Natural History of commercial fishes of Great Britain, with special reference to such parts of their natural history as bear upon their production and commercial use.

(2) Relations of the State with fishermen and fisheries, including all matters dealing with their protection, regulation, &c.

(3) On the possible increase of the supply of fish, and on improved facilities for their economic transmission and distribution.

Conferences are proposed to be held for the purpose of reading and discussing papers on subjects connected with the exhibition.

REGULATIONS.

The Great International Fisheries Exhibition.

LONDON, 1883.

Royal Patronage. 1. A Great International Fisheries Exhibition, under the patronage of Her Majesty the Queen and the Presidency of H. R. H. the Prince of Wales, will be held in London in 1883.

Date. 2. The Exhibition will be opened on the 1st of May, and continue open for a period of not less than six months.

Objects. 3. The principal objects to be admitted are comprised in the annexed classification, which is intended to include all kinds of specimens of fish life, and to illustrate all the modes by which the *marine* and *fresh water* animals of economic value are captured and utilised, together with the commercial, scientific social, historic and legislative aspects of such fisheries.

Rewards. 4. Medals in gold, silver, and bronze, and diplomas of honour, will be awarded by a jury, the composition of which will be settled later.

All expenses to be borne by exhibitors. 5. No charge will be made for space, but exhibitors will have to pay every expense of transit, delivery, fixing, and removing their exhibits, and they must, either personally or by their agents, superintend the reception and installation, and, at the close of the exhibition, the removal of their goods; in default thereof, the Committee reserves to itself the right of doing whatever may be considered necessary, and at the expense of the exhibitor.

Applications. 6. Applications for admission must be made on printed forms, which will be supplied on application; these are to be sent to the General Secretary in London on or before the 1st July 1882, except under special arrangements or concessions.

Allotment. 7. The General Secretary will, before the 1st October 1882, or as soon after as practicable, notify to applicants the decision of the Committee, and will indicate the space, if any, which has been accorded to them, and give to each a number.

With reference to Rule "6," an extension of time till September 1st, 1882, will be granted to distant colonies

Loan Department. 8. Contributors to the Loan Department are requested to communicate with the Secretary, who will supply forms to be filled up by them.

Foreign Countries. 9. The Foreign Correspondents that may be appointed are invited to enter as soon as possible into communication with the General Secretary. The correspondent will be charged with the consideration of all questions relative to the distribution of the space allotted to his country. The Committee will therefore not correspond directly with foreign exhibitors, except in those countries where no correspondent is appointed.

Foreign Countries. 10. The Committee will place at the disposal of foreign correspondents all information and plans that may be useful for their arrangements.

Foreign Countries. 11. The applicants for space from countries in which no correspondent has been appointed will correspond directly with the General Secretary of the Committee.

Railway rates. 12. The Committee will endeavour to obtain, from the various English Railway Companies, special terms for the conveyance of exhibits to and from the exhibition, and should they succeed in doing so such arrangements will be communicated to intending exhibitors.

Railways, &c. 13. The Committee will not interfere in any way between the Railway Companies, the carriers, and the exhibitors, with reference to the despatch, transmission, reception, management, or return of goods exhibited.

Marks on packages. 14. All packages containing goods intended for exhibition must have painted on them the distinctive mark (I.F.E.) in red paint, and they must also have painted on them the name and number of the exhibitor.

Waybills. 15. The waybill accompanying all packages must contain the name of the exhibitor, his number, and address.

Exhibitors or Agents to receive own goods, &c. 16. Each exhibitor must provide, either personally or through an agent for the despatch, transmission, reception, unpacking, and arrangement of his goods, and for the verification of their contents when unpacked. If neither the exhibitor nor his agent be present to receive the packages on arrival at the Exhibition, the carrier will be directed to take them away; but should any goods be deposited in the exhibition premises during the absence of the exhibitor or his agent, the Committee will not be responsible for any loss or damage from whatsoever cause arising.

Foreign packages. 17. Packages from foreign countries must likewise have painted on them in distinctive marks the letters (I.F.E.) in red paint. They must be addressed to the exhibitor himself or his agent. They must all be marked in such a way as to show distinctly from whence they come, the name of the country, and the number of the exhibitor being painted legibly thereon.

Passages. 18. *Exhibition Spaces.*—The space granted to an exhibitor within the building is available for floor space exclusive of the passages for the public.

Show Cases. 19. *Show Cases.*—No particular form or design is prescribed for cases, counters, platforms, &c., but they must not exceed the following heights without the special written permission of the Committee:—

Show cases and partitions, 10 feet above the floor.
Counters ... 3 ,,
Platforms ... 1 foot ,,

Railings. 20. Exhibitors may place railings of a uniform height of 2 feet 6 inches above the floor level. In every instance the railings must be within the area of the "stand," *i.e.*, the space allotted.

Floors. 21. The flooring must not be altered, removed, or strengthened for the convenience of arrangement, except by sanction of the Committee, and at the expense of the exhibitor.

No Obstructions. 22. No exhibitor will be permitted to display exhibits in such a manner as to obstruct the light or vistas through the avenues, or to occasion inconvenience, injury, or otherwise disadvantageously affect the display of other exhibitors.

Decorations. 23. *Decorations.*—In order to ensure uniformity of decoration and general good effect, no exhibitor will be allowed to put up any flags, banners, or other kind of decoration without permission.

Signs. 24. *Signs.*—No sign or name board may be placed otherwise than parallel with the main passages, that is, parallel with the frontage of the respective stands, and should be as near to the back of the space as possible, so as not to interfere with the vista. The signs to be black and gold. All signs must be hung subject to the approval of the Director.

Placards. 25. No printed or written bills may be displayed unless they are neat in design.

Exhibitors' Offices. 26. *Offices.*—Any exhibitor who may obtain permission to erect an office on his allotted space must conform to the following rules:—

The office must not exceed 8 feet in height; must be placed at the back of the stand, unless otherwise sanctioned; and must be painted black and varnished, with gilt beadings.

Empty Cases, immediate removal. 27. The spaces outside the allotments for exhibitors being required for the necessities of circulation, packages and empty cases will not be allowed to remain there. Cases must be unpacked as fast as received, and the empty cases taken away by the exhibitors or their agents. The Committee decline to accept any responsibility with reference to empty cases, which must be at once removed from the building at the expense of exhibitors.

Empty Cases. 28. The Committee will have nothing whatever to do with warehousing or the preservation of empty cases, or reserve any space for the purpose.

Exhibitors to keep Stands clean. 29. Exhibitors will be required to provide all necessary attendance and to keep their stands and exhibits properly cleaned and in good order during the whole period of the Exhibition.

Non-transfer. 30. No exhibitor will be allowed to transfer any allotment, or to allow any other than his own duly admitted exhibits to be placed thereon, except by permission of the Committee.

Exhibitor's Name. 31. All goods exhibited must be in the name of the person who signed the application form.

Selling Price. 32. Exhibitors, being traders, are requested to mark the selling price of the articles exhibited complete, so as to facilitate the judgment of the jury, as well as for the information of visitors.

Non-removal and Perishable Articles. 33. Objects sold cannot be taken away before the close of the Exhibition without the special permission of the Committee. Special arrangements will be made with regard to perishable exhibits.

Water, Gas, or Steam Machinery in motion. 34. Exhibitors of apparatus requiring the use of water, gas or steam must state on applying for admission the quantity of water, gas or steam which they may consider necessary. Those who wish to show machinery in motion must state the rate of speed at which the machine is to be driven. The furnishing of all counter shafting, pulleys, gas, water, steam, &c., must be at the entire expense of the exhibitor, but under the direct control of the Committee or their appointed officer.

Dangerous Substances. 35. All fulminating and explosive substances and all dangerous substances are absolutely forbidden to be sent.

Receptacles. 36. Spirits, alcohol, oils, essences, corrosive substances, and generally all substances which might spoil other articles or inconvenience the public, can only be received in solid and suitable vessels of small size.

Catalogue. 37. The Committee reserve the sole right of compiling a catalogue of the exhibits under regulations which will be duly notified. Each nation will, however, have the right to produce at its own expense, but in its own language only, a catalogue of all the objects in its own Section.

Hand-bills. 38. All hand-bills, printed matter, &c., for gratuitous distribution, connected with exhibits, will be under special regulations and must first receive the approval and permission of the Committee, or the Director, which may be withdrawn at any time.

No Photographs, &c. 39. No article exhibited may be photographed, drawn, copied or reproduced in any manner whatsoever without the special sanction of the Committee.

Non-liability for loss or damage. 40. The Committee will not hold itself responsible for any loss or damage occurring to any exhibit from any cause whatsoever; but while declining any responsibility, it is the intention of the Committee to take such precautions as they deem necessary.

Future arrangement as to Date of Reception and Jury. 41. Future regulations will settle in due time the arrangements for the date of reception, location of goods, tickets of admission for exhibitors and assistants, and the formation and working of the jury.

Right to alter Rules. 42. The right to add to, alter, amend, or expunge any of these rules is reserved by the Committee.

All Rules binding. 43. Both Englishmen and Foreigners in becoming exhibitor declare by so doing their compliance with the whole of these regulations, together with such other regulations as the Committee may issue from time to time.

44. The Committee reserve the right to remove the objects belonging to any exhibitor who shall not conform to the regulations.

Non-liability for Accidents. 45. If any damage or injury shall be caused or occasioned during the exhibition by any exhibited machine, implement, or article to any visitor or other person, or to any officer, servant, or others then and there employed by the Committee of the Great International Fisheries Exhibition, 1883, then the exhibitor to whom such machinery, implement, or article may belong shall indemnify and hold harmless the said Committee from and against all actions, suits, expenses, and claims on account or in respect of any such damage or injury which may be so caused or occasioned.

The Great International Fisheries Exhibition.

LONDON, 1883.

APPLICATION FOR SPACE.

SUBMITTED TO THE SECRETARY FOR APPROVAL.

*Name of Exhibitor*_____

*Address*_____

_____

*General Condensed Description of Exhibits*_____

_____

_____

_____

_____

Total Ground Space_____feet superficial.

Total continuous Counter Space____feet run.

Total Wall Space_____feet superficial.

} As per details on **next page.** (*See over.*)

If apparatus requires use of water, gas or steam, state quantity.
(*See Regulation* 34.)

1st, Water_____

2nd, Gas_____

3rd, Steam_____

If Machinery in motion, state speed, &c._____
(*See Regulation* 34.)

I hereby engage to abide by all the Rules and Regulations either already made, or to be made, by the Committee.

*Signature*_____ *Exhibitor.*

*Dated this*_____ *day of*_____ *1882.*

N.B.—This form should be filled up and sent to the Secretary of "THE GREAT INTERNATIONAL FISHERIES EXHIBITION, LONDON, 1883," *24, Haymarket, S.W., before the* 1st July 1883.

Name of Exhibitor _____

Particulars of the Space asked for overleaf.	"Division." (See Classification.)	**Ground Space.** For large or weighty articles, or large Show-Cases. Length.	Breadth.	Dimensions of Largest Article.	Space for continuous Counter, 3 feet 6 inches broad, 3 feet high. (See Note below.)	If Goods to be Exhibited in a Show-Case, "Yes" or "No."	* Wall Space (in feet). Height.	Width.	Projection.	Remarks.
				Length, Width, in feet.	Feet run.					
In Class I ...	No.	feet.	feet.	by						
In Class II ...	No.	feet.	feet.	by						
In Class III ...	No.	feet.	feet.	by						
In Class IV ...	No.	feet.	feet.	by						
In Class V ...	No.	feet.	feet.	by						
In Class VI ...	No.	feet.	feet.	by						
		Total Area Ground Space in superficial feet ... (As per other side.)								

Exhibitors are requested to keep a copy of their applications for reference in future correspondence.

* Wall space will most likely *not* be contiguous to the Stands for other Exhibits.

N.B.—It is requested that wherever possible Show-Cases and exhibits may be placed on continuous counters, as above.

N.B.—Small Articles of the same description must be entered as a collection of, or sets of, or samples of, &c., and be described under a single "Article Number."

Here } State } CLASS No. { } SPECIAL NOTICE.—A separate form must be filled up for each Class.

DIVISION.	See Schedule and Classification.—Articles to be entered according to the consecutive "Division Number" to which they belong.	Approximate Weight if over 5 cwt.	Measurement in Feet. Length.	Width.	Height.
	Short Description of Article.				
Division No.	Article No. 1				
Division No.	Article No. 2				
Division No.	Article No. 3				
Division No.	Article No. 4				
Division No.	Article No. 5				
Division No.	Article No. 6				
Division No.	Article No. 7				
Division No.	Article No. 8				
Division No.	Article No. 9				
Division No.	Article No. 10				
Division No.	Article No. 11				
Division No.	Article No. 12				

Exhibitors can procure more Blank Forms on application, and they are requested to be particular in putting the Article's running number, and to keep a copy of the entire entry for reference in future correspondence.

LIST OF EXHIBITS PROPOSED TO BE SHOWN

IN THE SPACE APPLIED FOR.

By _____

Address _____

_____

REPORTS ON THE STATE OF THE SEASON AND PROSPECTS OF THE CROPS FOR THE WEEK ENDING THE 22nd AUGUST 1882.

GENERAL REMARKS.—During the week under report more or less good falls of rain have occurred throughout Assam and the Bengal provinces, as well as in most parts of the North-Western Provinces and Oudh, of Central India, and of the Central Provinces and British Burma, in some parts of the Bombay Presidency, in the Nizam's Territories and in Mysore, and the Madras Presidency.

Agricultural prospects continue satisfactory on the whole. In the Madras Presidency and Mysore some districts require more rain. In Coorg a short break in the wet weather has proved beneficial to all crops. In the Nizam's Territories *kharif* crops are prospering. In Berar they and the cotton crops are in good condition, but more rain is required in one taluk. In the Bombay Presidency all crops are progressing favourably, except in parts of five districts where more rain is wanted. In the Central Provinces a partial break in the rains has improved crops. In the Central India and Rajputana States prospects are favourable, but more rain is needed in Alwar, Sirohi, and Marwar. In the Punjab the want of more rain is felt in eight districts, and in three of these very much so. In the North-Western Provinces and Oudh all crops have been benefited by the rainfall of the week, but a further fall would be beneficial everywhere, especially in Oudh. In Bengal also more rain is wanted in some districts, but the recent rain has much improved prospects of all crops. In Assam some rice crops are being harvested and others are being transplanted. In British Burma the progress of crops is satisfactory.

The general tendency of the barometer towards a rise at the end of the preceding week was again, after a few slight variations, followed by a fall which became general on the 22nd and continued the next day.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Madras—(Aug. 23rd)		
Bellary ...	1·01 (average of four stations).	Standing wet crops good, dry withering in one taluk; agricultural operations progressing.
Kurnool ...	1·0 (average of eight stations).	Young crops reviving by recent rain; more rain wanted; cattle-disease in parts.
Ganjam ...	2·11 (average of nine stations).	Standing crops thriving; rain wanted for transplanting paddy in one taluk; fever, small-pox, and cattle-disease continue; cholera subsiding.
Kistna ...	·42 (average of nine stations).	Crops withering; rain wanted; agricultural operations progressing; small-pox, fever, and guinea-worm in parts; cattle-disease general.
Chingleput (Madras) ...	1·77 (average of eleven stations).	Standing crops good where water available; agricultural operations progressing; small-pox slight.
Coimbatore ...	·88 (average of ten stations).	Standing crops, paddy promising well, dry require rain in parts and damaged by insects in one taluk; harvest dry crops, outturn about average; small-pox and cholera in parts; cattle-disease appearing in three taluks.
Tanjore ...	2·60 (average of twelve stations).	Crops good, except in parts affected by breaches, but withering in parts of one taluk for want of rain; cattle-disease in parts.
Madura ...	·82 (average of six stations).	Standing crops fair in two taluks, but withering in one; harvest paddy and *cumbu*, yield about average; cholera in parts.
Malabar ...	1·15 (average of fourteen stations).	First crops generally good; fever, cholera, small-pox, and cattle-disease in parts.
Travancore ...	·47	Paddy ripening; fever prevalent. *General Remarks.*—General prospects good.
Bombay—(Aug. 23rd)		
Kurrachee ...	No rain	River at Kotri on 21st, 19 feet 11 inches against 16½ feet on same date last year; fever in five talukas; rats doing some damage to crops in two talukas; wheat, red rice, and *bajri* in Kurrachee 22, 34 and 23, in Kotri 30, 32 and 44, in Tatta 23, 36 and 44, and in Mirpur Botoro 20, 48 and 40 lbs. per rupee, respectively; in Sujawal red rice 40 and *bajri* 44 lbs. per rupee.
Hyderabad ...	.....	Crops that have escaped floods good; river falling; fever in four talukas and cough in Hala; small-pox in Hyderabad; wheat 25, *juari* 45, *bajri* 40, red rice 30, and white rice 22 lbs. per rupee.
Ahmedabad ...	·05	Total rainfall 27·37; young *kharif* crops good; transplantation of rice continues; in Ahmedabad city 3 cholera cases, all of which fatal; wheat 28 and *bajri* 31 lbs. per rupee.
Baroda ...	No rain	Total rainfall 30·42; all crops doing well; slight cholera in Contingent camps at Sadr and Manekwara; *bajri* 32 and common rice 24 lbs. per rupee.
Surat ...	·08	Total rainfall 32·52; crops healthy; break continues; weeding progressing; *juari* 35 and *nagli* 54 lbs. per rupee.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Bombay—*contd.*		
Násik ...	Igatpuri, 3·87; Peint, 3·62; Kalwan, 1·05; slight showers elsewhere.	Rain badly wanted in Yeola, Niphad, Chandar, Malegaon, Baglan, and parts of Sennar; locusts in Malegaon and Nandgaon doing injury; slight cholera in Násik and Sennar; wheat 25, *bajri* 32, and rice 25 lbs. per rupee.
Colaba (Bombay) ...	·17	Total rainfall 57·23, being 1·88 above average; average abnormal temperature 1° warm; vapour in air normal; abnormal wind northerly.
Poona ...	Passing showers in six talukas.	Young crops withering in Bhimthari and Indapur; 22 cholera cases in Sirur and Bhimthari, of which 8 fatal; *bajri* 45 and *juari* 59⅓ lbs. per rupee; in Poona *bajri* 36¾ and *juari* 47¾ lbs. per rupee.
Ahmednagar ...	Jhamkhed, ·32; Parner and Akola, ·19; very slight in Sheogaon, Rahuri, and Sangamner; none in rest.	Total average rainfall of the district 11·40; from want of rain *bajri* and other crops are withering in all talukas except Akola; cholera—in Parner 12 cases, 7 deaths, in Shrigonda 6 cases, 6 deaths, and in Sheogaon 18 cases, 9 deaths; *bajri*—maximum 72 lbs. in Jhamkhed, minimum 48 in Kopergaon; *juari*—maximum 102 lbs. in Jhamkhed, minimum 60 in Kopergaon.
Sholapur ...	1·18; slight rain throughout.	Total rainfall 21·12; no cholera cases in Pandharpur taluka, maximum number of cases in Sangola 43, minimum in Malsiras 3, total number of cases 136, of which 61 fatal; *bajri* 58 lbs. 11 tolas and *juari* 81 lbs. 32 tolas.
Dharwar	Slight rain throughout, maximum ·86.	All standing crops, except in very wet lands, thriving; ground being prepared for sowing cotton and late crops; rice 24 and *juari* 62 lbs. per rupee; ague in Nargund and Mundargi petta, and foot-and-mouth disease among cattle in Hangal.
Kanara ...	Karwar, 1·02; Kumpta, 4·07; Sirsi, 4·41; Hallial, 2·28.	Total rainfall 86·80; rice, *ragi*, sugarcane plants, and garden produce thriving; early rice crop in ear around Karwar; weather clearing; cholera 1 death in Karwar; common rice in Karwar 11 seers, in district average 13½ seers per rupee.
Rajkot ...	.....	Weather dry and warm; rain much wanted; cholera at Rajkot, Moorvi, Bhownagar, and Gondal; *bajri* 27 and *juari* 31 lbs. per rupee. *General Remarks.*—General break continues; rain wanted in parts of Poona, Ahmednagar, Násik, Khandesh, and Kaira; crops doing well generally; locusts in Khandesh and Násik; fever and cattle-disease in some districts; cholera in Satara, Poona, Sholapur, Ahmednagar, Khandesh thana, Kaira, and parts of Kathiawar.
Bengal—(Aug. 23rd)		
Chittagong ...	2·92	Prospects of crops fair; transplanting of winter rice going on; prices stationary; cholera, small-pox, and cattle-disease still prevail; two shocks of earthquake on the night of the 20th.
Dacca ...	3·16	Rain and rising of rivers improving prospects of crops; cholera prevailing.
24-Pergunnahs (Calcutta)	3·35	Prospects of early crops continue satisfactory; transplanting of winter rice making fair progress; more rain would do good; public health generally good; cases of fever reported from Basirhat sub-division.
Moorshedabad ...	4·83	Rain has been general over the district and has much improved prospects of the winter rice; early rice being harvested, some of it has been destroyed in the Jangipur sub-division owing to rise of rivers; except the usual fever, public health is good; cattle-disease in two or three villages of Kandi sub-division.
Rajshahye ...	2·84	Rain has benefited crops; fever prevalent.
Burdwan ...	3·35	Weather seasonable; rain will be of great benefit to rice crops, but it has come too late to allow of much more transplanting; early rice crop good, it is being reaped in some places; sugarcane also good; health generally good.
Rungpore ...	2·28	Weather cloudy and hot; transplanting of winter rice continues; more rain wanted; prospects of other crops favourable; public health good.
Bhagálpur ...	0·65	Autumn crops being harvested, outturn good; more rain required for winter rice; public health good.
Purneah ...	1·61	Prospects of crops much improved; autumn harvest poor; transplanting progressing; more fever prevalent; hill rivers and Ganges high.
Patna ...	1·35	Prospects of autumn crops fair; transplanting of rice seedlings going on, but more rain is wanted in parts; cholera still prevalent in Behar.
Durbhunga ...	2·26	Weather has cleared somewhat; rivers in flood; autumn crops full average; rice prospects good; prices stationary; cholera has not yet disappeared.
Hazáribágh ...	2·45	Weather sultry; autumn crops doing well; rain during the week has been of much benefit in aiding transplanting operations which came to a standstill in several parts of the district; general health good.
Cuttack ...	6·02	Early rice ripening, late rice progressing well; cholera disappearing. *General Remarks.*—Rain fell in all districts during the week; more rain is still wanted in some districts; generally, however, rainfall of this week and of the preceding week has much improved the prospects of the crops; transplanting of late rice is going on fairly; all autumn crops and sugarcane are doing well; autumn harvest is expected to yield a fair average crop, but in some districts it will be rather short owing to deficient rainfall in July; fever is reported from some districts; cholera has again appeared in an epidemic form in Chumparun, elsewhere it has abated and in some places it has almost disappeared.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
N. W. Provinces and Oudh—		
Benares (Aug. 22nd)	5·0; Chandauli, 3·1.	Every prospect of a good harvest of late rice, as the weather has been favourable for transplanting; *sawan* being cut; all crops have been benefited by the rain; health of cattle good; cholera decreasing; markets well supplied; prices moderate, but rising.
Allahabad („ 23rd)	Abundant and general rain for last three days, and still raining.	The long break in the rains is over; rain has been of great benefit to all crops; prospects excellent; cholera rapidly decreasing, none in city or station; prices nearly stationary.
Cawnpore („ 22nd)	1·4 (average)	Weather rainy and cloudy; crops suffering from want of rain are now reviving; more rain wanted; cholera continues unabated; prices nearly stationary.
Gorakhpur („ „)	Good rain throughout the district.	Crops promising; health fair; prices falling.
Jhánsi ...	1·3 (average)	Weather cloudy; more rain expected; rainfall at the end of the week was most opportune, especially for the crops in *kankar* lands; weeding of *juari* and cotton continues; fields are being prepared for *rabi* sowing for the last three days; no fresh cases of cholera have appeared in mauza Iskil, but it still continues in three villages in pargana Mau and in two villages in pargana Garotha; cattle-disease of a mild type is reported in pargana Jhánsi and Moth.
Agra (Aug. 22nd)	Rain in six parganas from 0·4 to 5·3.	Rain has done much good, but is still needed in one pargana, where none has fallen since 31st July; slight fever here and there, but general health good; prices stationary.
Farukhabad („ „)	Rain has fallen within the week.	Crops suffered from long break in the rains; more rain is required; health of people fairly good; prices steady.
Bareilly („ „)	.....	Weather seasonable; crops very good; cholera bad in Danla and neighbourhood, isolated cases elsewhere; fever on the increase.
Meerut („ „)	Good rain on the 20th —Meerut, 3·8; Hapur, 1·0; Bagpat, 0·7; Mowana, 2·9; Ghaziabad, 0·6; Sirdhana, 3·8.	Crops revived and prospects greatly improved; supplies sufficient; health good; prices recovered from the rise of last week.
Kumaun („ „)	Sufficient rain everywhere, very heavy on outer range.	Crops flourishing; cattle-disease and foot-disease still prevalent; 3 deaths from *mahamari*, otherwise health fair; prices stationary.
Lucknow („ „)	Mohanlalganj, 0·1; no rain in other two tahsils.	Rice crop is suffering from want of rain; sowing of *mash* going on; cholera continues; prices stationary.
Rae Bareli („ 21st)	.....	Break in the rains; *juari* and rice beginning to suffer for want of rain clouds gather and disperse after slight drizzling; cholera still continues; cattle-disease in some villages of tahsil Dalman; markets well supplied; prices rising.
Partabgarh („ 22nd)	Slight rain at Sadr and Patti.	Prices rising slightly; autumn rice has dried up in places; winter rice being planted out in Patti and Kunda; slight cattle-disease in Patti; general health fair; cholera still continues.
Sitapur („ „)	0·2; Misrikh, 0·3	More rain required; cholera very bad; slight cattle-disease in two tahsils; supplies sufficient.
Fyzabad („ „)	Sadr, 0·1; Akbarpur, 0·4; Bikapur, 0·3; Tanda, 1·2.	Prospects good; slight cholera; cattle-disease in part of district.
		General Remarks—Rain more or less heavy in most districts and prospects generally improved, a further fall would be beneficial everywhere, especially in Oudh, where rice is suffering; prices rising in Benares, Rae Bareli, and Partabgarh, elsewhere stationary; cholera still prevalent, except in the Meerut and Agra divisions, and is bad at Sitapur and part of Bareilly; cattle-disease continues in Oudh, Jhansi, Saharanpur, and Kumaun.
Punjab—(Aug. 23rd)		
Delhi ...	·30	More rain wanted; health fair; prices rising.
Hissar ...	Rain most urgently required.	Health good; prices rising.
Umballa ...	1·0	Crops suffering for want of rain; health fair; prices of food-grains stationary.
Jullundur ...	Rain much wanted	Health good; prices steady.
Amritsar ...	Rain wanted	Health good; prices stationary.
Sialkot ...	Rain wanted	Prices unaltered; health good.
Lahore ...	No rain	Health good; prices stationary.
Ferozepore ...	Rain is much needed	Health good; prices slightly falling.
Mooltan ...	No rain	Health good; prices stationary.
Rawalpindi ...	2·50	Crops good; cattle-disease in a few places; prices stationary.
Dera Ismail Khan ...	·20	Fever prevalent; prospects good; prices steady.
Peshawar ...	No rain	Health good; prices stationary.
		General Remarks.—Rain is wanted in the Delhi, Hissar, Umballa, Amritsar, and Ferozepore districts; with the exception of the Dera Ismail Khan district, in which fever prevails, the health of the province is good; prices of food-grains are rising in the Delhi and Hissar districts, and slightly falling in the Ferozepore district; prices in the other districts are stationary.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Central Provinces—		
Nagpur (Aug. 23rd)	·9	Weather cloudy; rain wanted; fever prevalent; cholera reported; prices slightly risen.
Jubbulpore („ 22nd)	1·22	Weather cloudy; weeding continues; *kharif* improved by break; cholera reported; small-pox declining; wheat 19 seers per rupee.
Saugor („ 21st)	·18	Crops doing well; cholera abated; health good; prices steady.
Seoni („ 22nd)	2·48	Weather cloudy, with showers; weeding continues; cholera prevalent; small-pox reported; cattle-disease abating; prices stationary.
Khandwa („ „)	·33	Weather cloudy; prospects of crops good; cholera and small-pox reported; prices stationary.
Hoshangabad („ „)	1·94	Weeding continues; few cases of small-pox; *juari* 17 seers per rupee.
Raipur („ 19th)	2·36	Crops doing well; slight break; cholera and fever reported; prices rising.
Sambálpur („ 17th)	2·38	Prospects of crops good; fever prevalent; rice 56 seers per rupee.
		General Remarks.—Weather cloudy and warm, with slight rain in most districts; crops improved by break; prospects favourable; weeding operations steadily progressing; cholera still reported from most districts; isolated cases of small-pox and cattle-disease; prices steady.
British Burma— (Aug. 19th)		
Akyab ...	6·60	Total rainfall 162·69 inches; cholera in some parts of four townships, otherwise public health good; cattle-disease severe in one township, crops looking healthy.
Rangoon ...	4·55	Total rainfall 59·21 inches; 5 fatal cases of cholera, otherwise public health good; progress of crops favourable.
Bassein ...	4·88	Total rainfall 87·78 inches; public health good; cattle-disease severe in one township; ploughing and planting out far advanced.
Prome ...	2·58	Total rainfall 27·74 inches; 1 death from cholera in town, 28 in one township, and 25 in another; slight cattle-disease in one township; more rain required in two townships.
Amherst (Moulmein) ...	11·01	Total rainfall 152·93 inches; public health good, but in Moulmein and district cattle-disease in four townships; resowing in damaged places still going on; crops healthy, but reduced in area from want of cattle.
Toungoo ...	.....	Telegraph communications interrupted.
		General Remarks.—Cholera in Akyab, Tharrawady, Prome, and Henzada and a few cases elsewhere, public health otherwise good; cattle-disease severe in parts of Akyab and Bassein, and more or less prevalent in most other districts; rainfall generally plentiful, but still short in Prome and Thayetmyo.
Assam—		
Gauhati (Aug. 22nd)	·89	Weather seasonable; transplanting vigorously progressing; prospects of crops and public health fair.
Sylhet („ 23rd)	15·97	*Aman* crop in Nabiganj sub-division wants more rain; elsewhere prospects of crops elsewhere good; public health good.
Cachar („ „)	3·53; weather rainy	Reaping of *dumahi* and *murali* crops commenced; transplanting of *sali* crops progressing; prospects of tea good; cattle-disease ceased; 1 case of cholera reported from Lakhimpur; common rice 24½ seers per rupee.
Dibrugarh ...	4·55	Weather seasonable; transplanting of *sali dhan*; *aus* nearly harvested; public health good; cattle-disease still reported.
Mysore and Coorg— (Aug. 23rd)		
Bangalore ...	·20	Standing crops in thriving condition; *kartik* paddy sown in a few places; prospects favourable.
Mysore ...	·49	Crops in good condition.
Mercára ...	2·0	Short break in the monsoon beneficial to all crops; prospects of season and public health good; prices of food-grains stationary.
		General Remarks.—Slight rain has fallen throughout the Mysore State; dry crops in some districts, especially in Kolar, suffering from want of more rain; wet crops generally in good condition; sowing operations in active progress, *kartik* paddy, *ragi*, horse-gram, *juar*, and *avare* being the principal; prospects fair; public health good; prices compare favourably, in Bangalore rice 10½, *ragi* 26½, and horse-gram 30¾ seers per rupee, in Kolar *ragi* 27 to 30 seers, in Mysore *ragi* 21 3/5 seers, in Chittaldrug *ragi* 30 to 50 seers per rupee.
Berar & Hyderabad— (Aug. 23rd)		
Amráoti ...	.....	Rain wanted; *kharif* and cotton crops in good condition; prices of wheat 16 and of *juari* 28 seers per rupee.
Akola ...	.....	*Kharif* crops progressing favourably; weeding continues.
Hyderabad (Aug. 24th)	1·94	Total rainfall from 1st January 15·85; *kharif* crops prospering in all taluks, excepting Pathur, where there has been no rain during the week; in three taluks there has been copious rainfall and tanks have been replenished; *abi* sowings continue, except in Pathur; cattle-disease in one taluk; prices—wheat 15¾, coarse rice 8¾, white *juari* 25¼, yellow *juari* 31, and *tur* 25½ seers per current sicca rupee.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Central India States—(Aug. 23rd)		
Indore ...	·15	Cholera in a sporadic form lingers in the Indore city; agricultural prospects continue favourable; prices steady.
Morar (Gwalior) ...	2·05	Health and prospects good.
Sutna ...	1·45	Cholera still at Sutna; prospects good.
Neemuch ...	·70	Health good; crops thriving.
Goona ...	1·89	Health good; prospects fair.
Bhopal (Sirohi) ...	·15	Weather fine; prospects good; some cholera at Bhopal and Karwai.
Agar ...	No rain	Health and prospects good.
Nowgong ...	No rain	*Kharif* crops good; health fair; prices stationary; cholera still prevalent.
Manpur ...	·60	Ploughing of *rabi* fields continues; prices stationary.
Rajputana—		
Abu (Aug. 23rd)	·22	Weather cloudy, close, and occasionally foggy.
Sirohi („ 20th)	.....	Rain much needed; tanks, wells, and health good; weather cloudy, wind high and dry.
Marwar („ 18th)	.....	Rain wanted; four months water in tanks; wells almost full; health good; prospects good; weather cloudy, winds sharp and cool; nights clear; holding off of rain causes much uneasiness; prices rising.
Meywar („ 19th)	·07	Tanks and wells good; health fair; prospects very good.
Harowti („ „)	.....	Prospects favourable; prices fallen; weather cloudy; no cholera reported.
Jhallawar („ 16th)	·73	Weather fine and cool; Shahabad rather unhealthy.
Ajmere („ 22nd)	·90 at Ajmere on 21st	Sowing completed; cholera still in Ajmere districts.
Jeypore („ „)	.....	Weather cloudy, and signs of rain; cholera in city decreasing, average daily deaths four.
Ulwur („ „)	.....	Crops suffering from want of rain; prices steady; health fair.
Nepal—		
Katmandu (Aug. 17th)	2·90; constant rain	Weather cool and cloudy.

E. C. BUCK,
Secy. to the Govt. of India.

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SUPPLEMENT TO

The Gazette of India.

Nº 35. } CALCUTTA, SATURDAY, SEPTEMBER 2, 1882.

OFFICIAL PAPERS.

A SUPPLEMENT *to the* GAZETTE OF INDIA *will be published from time to time, containing such Official Papers and information as the Government of India may deem to be of interest to the Public, and such as may usefully be made known.*

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GOVERNMENT OF INDIA.

HOME DEPARTMENT.

EXECUTION OF DEEDS, CONTRACTS, &C., ON BEHALF OF THE SECRETARY OF STATE.

Extract from the Proceedings of the Government of India in the Home Department (Judicial), No. 1232, under date, Simla, the 23rd August 1882.

Read again—

Home Department Resolution No. 989, dated 23rd June 1877, relative to the execution of deeds, contracts, &c., on behalf of the Secretary of State.

Read also—

A letter from the Government of the Punjab, No. 0711I, dated 27th ultimo, received in the Public Works Department, on the same subject.

RESOLUTION.

In exercise of the power conferred by the thirty-third and thirty-fourth of Victoria, cap. fifty-nine, section two, the Governor General in Council is pleased to declare that the undermentioned class of contracts and other instruments referred to in the twenty-second and twenty-third of Victoria, cap. forty-one, section two, may be executed generally as follows:—

Contracts and other instruments connected with leases for grazing cattle on canal banks.	By officers in charge of Canal Divisions.

ORDER.—Ordered, that this Resolution be communicated to the Public Works Department for information, and be published in the Supplement to the *Gazette of India*.

(True Extract)
A. MACKENZIE,
Secy. to the Govt. of India.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

RAILWAY TRAFFIC.

No. XXX of 1882.

APPROXIMATE STATEMENT OF GROSS RECEIPTS AND EXPENSES OF INDIAN RAILWAYS.

Latest return received.	Railways.	Total mean length open.	Receipts for week ending 30th July 1881. Total.	Per mile open.	Total mean length open.	Receipts for week ending 29th July 1882. Total.	Per mile open.	Total Receipts from 1st April to 30th July 1881. Total.	Per mile open per week.	Total Receipts from 1st April to 29th July 1882. Total.	Per mile open per week.	Total Increase in 1882-83.	Total Decrease in 1882-83.
	Guaranteed.		Rs.	Rs.		Rs.	Rs	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
5th Aug. 1882	Eastern Bengal ...	172	1,01,864	592	172	1,20,867	703	12,04,831	400	12,87,184	437	82,353	...
29th July 1882	Oudh and Rohilkhund	547	75,542	138	547	68,297	125	16,76,688	177	17,70,383	189	93,695	...
5th Aug. 1882	Sind, Punjab & Delhi	676	1,38,161	204	676	1,83,521	272	29,67,593	254	32,96,335	284	3,28,742	...
29th July 1882	Madras ...	858	1,25,648	146	861	1,51,863	176	21,84,845	147	23,79,536	162	1,94,691	...
29th ditto ...	South Indian ...	655	64,919	99	655	53,744	82	13,27,414	117	13,15,443	117	...	11,971
5th Aug. 1882	Great Indian Peninsula	1,448	3,60,340	249	1,450	3,87,392	267	1,15,08,767	460	1,22,65,091	493	7,56,324	...
29th July 1882	Bombay, Baroda and Central India ...	444	77,493	175	461	1,19,564	259	38,52,592	502	38,41,266	486	...	11,326
	TOTAL ...	4,800	9,43,967	197	4,822	10,85,248	225	2,47,22,730	298	2,61,55,238	316	14,32,508	...
	State.												
5th Aug. 1882	East Indian ...	1,504	6,63,633	441	1,507	8,17,201	542	1,38,74,851	533	1,49,97,019	580	11,22,168	...
5th ditto ...	Calcutta and South-Eastern ...	28	4,213	150	33	7,020	113	53,836	111	65,480	127	11,644	...
5th ditto ...	Nalhati ...	27	870	32	27	1,095	41	21,250	45	22,948	50	1,698	...
5th ditto ...	Northern Bengal ...	231	31,211	135	230	34,170	149	5,08,688	127	6,12,554	153	1,03,866	...
5th ditto ...	Tirhoot ...	76	8,130	107	78	11,322	145	2,01,645	144	2,14,252	148	12,607	...
5th ditto ...	Patna-Gya ...	57	7,195	126	57	6,660	117	1,48,198	150	1,54,438	158	6,240	...
5th ditto ...	Muttra-Hathras ...	29	2,057	71	29	1,745	60	42,889	85	36,955	74	...	5,934
5th ditto ...	Cawnpore-Furrakhabad	86	4,130	48	87	5,329	61	89,177	60	1,10,516	74	21,339	...
5th ditto ...	Dildarnagar-Ghazipur	12	661	55	12	510	42	15,250	73	17,090	83	1,840	...
5th ditto ...	Rajputana-Malwa ...	1,016	86,685	85	1,117	1,08,571	97	29,38,820	167	35,64,537	186	6,25,717	...
29th July 1882	Wardha Coal ...	45	10,093	224	45	4,027	89	1,70,697	219	1,85,167	240	14,470	...
29th ditto ...	Nagpur & Chhattisgarh	53	2,315	44	98	3,559	36	1,07,144	100	2,25,923	134	1,18,779	...
29th ditto ...	Rangoon and Irrawaddy Valley ...	161	16,278	101	161	17,007	106	5,03,687	181	5,04,656	183	969	...
5th Aug. 1882	Sindia ...	75	4,442	59	75	5,267	70	1,00,444	78	1,08,853	85	8,409	...
29th July 1882	Punjab Northern ...	363	57,947	160	412	45,248	110	9,67,218	154	10,01,698	146	34,480	...
5th Aug. 1882	Indus Valley and Kandahar ...	660	82,231	125	660	83,224	126	15,20,264	133	15,44,767	136	24,503	...
5th ditto ...	Muttra-Achnera ...	...	...	...	23	971	42	...	...	20,759	52	20,759	...
	TOTAL ...	2,919	3,18,458	109	3,144	3,35,725	107	73,89,202	146	83,90,588	156	10,01,386	...
	Native States.												
29th July 1882	Bhavnagar-Gondal ...	119	3,922	33	194	10,046	52	2,97,057	95	3,62,744	109	65,687	...
29th ditto ...	Nizam's ...	121	14,821	122	121	14,898	123	2,84,961	136	2,86,272	138	1,311	...
29th ditto ...	Mysore ...	58	1,921	33	86	6,488	75	49,958	50	87,315	59	37,357	...
	TOTAL ...	298	20,664	69	401	31,432	78	6,31,976	104	7,36,331	107	1,04,355	...
	GRAND TOTAL ...	9,521	19,46,722	204	9,874	22,69,606	230	4,66,18,759	281	5,02,79,176	296	36,60,417	...
	GROSS ESTIMATED EXPENSES ...	...	...	...	...	...	...	2,24,15,291	135	2,43,23,132	143	...	...
	NET RECEIPTS ...	...	...	...	...	...	...	2,42,03,468	146	2,59,56,044	153	17,52,576	...

FRED. FIREBRACE, *Major, R.E.,*
Under Secretary.

SIMLA,
The 24th August 1882.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

IRRIGATION OPERATIONS OF THE YEAR 1881-82.

Comparative Statement of Irrigation and Rainfall for the years 1880-81 and 1881-82 in Canal Districts of the North-Western Provinces.

Zilla.	Area in acres.	Cultivated area in acres.	'AREA IRRIGATED. Fasl Kharif, 1881-82. Total area.	Fasl Kharif, 1881-82. In comparison with 1880-81. Increase.	Fasl Kharif, 1881-82. In comparison with 1880-81. Decrease.	Fasl Rabi, 1881-82. Total area.	Fasl Rabi, 1881-82. In comparison with 1880-81. Increase.	Fasl Rabi, 1881-82. In comparison with 1880-81. Decrease.	Whole year 1881-82. Total area.	Whole year 1881-82. In comparison with 1880-81. Increase.	Whole year 1881-82. In comparison with 1880-81. Decrease.	RAINFALL. Percentage of increase or decrease, 1881-82.	1880-81.	1881-82.	Percentage of increase or decrease, 1881-82.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Saharanpur . .	1,418,880	905,120	52,473	1,623	...	65,327	17,907	...	117,800	19,530	...	16·5	40·7	29·2	—28·2
Muzaffarnagar .	1,061,989	699,622	76,361	3,313	...	106,964	29,681	...	183,915	33,494	...	18·2	45·1	22·9	—49·2
Meerut . . .	1,510,664	1,071,486	113,359	...	12,523	180,794	50,550	...	294,073	47,027	...	15·9	44·1	28·6	—35·1
Bulandshahr . .	1,222,400	875,520	78,037	...	1,061	121,765	15,396	...	199,822	14,335	...	7·1	26·2	19·55	—25·3
Aligarh . . .	1,256,775	919,880	57,222	...	1,614	100,340	6,608	...	157,562	4,994	...	3·1	16·2	25·7	68·6
Mottra . . .	1,031,538	827,843	26,831	10,292	...	38,117	...	3,435	64,948	726	9,566	1·1	20·3	28·6	40·8
Agra	1,230,819	873,976	15,615	4,998	...	51,319	16,680	...	46,934	8,433	...	17·8	19·4	36·5	88·1
Etah	967,680	620,800	36,029	2,671	...	74,667	16,699	...	110,696	19,351	...	17·4	18·3	33·5	83·0
Mainpuri . . .	1,085,626	607,409	49,451	6,817	...	44,983	4,562	...	167,662	23,516	...	14·0	15·8	42·9	171·0
Farrukhabad . .	1,116,633	687,361	21,493	1,941	...	118,211	16,699	...	66,362	6,503	...	9·8	17·0	25·6	50·5
Etawah . . .	1,274,240	683,200	58,117	10,037	...	117,115	6,744	...	179,396	16,781	...	9·3	12·7	29·5	132·0
Cawnpore . . .	1,495,576	985,065	61,381	...	3,137	121,279	...	...	178,496	...	10,905	7·6	24·0	37·3	390·0
Delhi	817,280	532,480	26	5,061	396	823	...	...	848	...	561	—161·2	4·9	24·4	1·6
Gurgaon . . .	1,267,200	967,680	14,675	...	837	26,106	1,271	...	42,981	2,113	...	8·2	16·4	20·0	21·9
Dun	653,271	82,246	5,315	...	86	6,138	96	...	13,453	434	...	3·6	70·1	84·4	20·3
Bijnor . . .	1,217,888	663,135	2,594	...	...	2,137	...	...	5,031	182	...	36·9	36·9	38·4	4·06
Tarai	588,798	144,380	3,592	...	1,537	5,070	...	5,079	6,962	...	2,013	—28·9	39·0	45·2	15·8
Pilibhit . . .	873,094	{ 1,228,040	6,379	...	2,676	8,535	...	13,956	14,934	...	2,403	16·0	50·3	24·0	—52·3
Bareilly . . .	1,037,416	{ 1,002,980	25,951	...	17,509	36,619	...	214	62,570	...	3,553	—5·6	30·8	35·1	13·9
Jhansi . . .	1,002,980	483,560	29	...	28	329	...	858	1,945	...	186	33·3	21·2	44·7	110·0
Hamirpur . . .	1,468,424	800,128	45	...	135	1,360	...	...	1,345	...	723	53·7	10·3	27·4	166·0
TOTAL .	23,594,064	14,917,790	706,025	47,359	41,453	1,309,822	196,736	20,923	1,915,848	200,731	17,032				
			Net increase . . .		5,886	Net increase . . .		177,813	Net increase . . .		183,699				

G. H. D. WALKER,
Asst. Secy. to Govt., N.-W. P. and Oudh, P. W. D.

ALLAHABAD,
The 3rd August 1882.

Statement in acres of crops irrigated by Districts.

	Saharanpur.	Muzaffarnagar.	Meerut.	Bulandshahr.	Aligarh.	Muttra.	Agra.	Etah.	Mainpuri.	Farrukhabad.	Etawah.	Cawnpore.	Delhi.	Gurgaon.	Dun.	Bijnor.	Tarai.	Pilibhit.	Bareilly.	Jhansi.	Hamirpur.	Grand Total.
Gardens and orchards	1,745	1,223	3,182	2,734	2,099	585	1,375	1,569	2,085	579	1,586	2,038	2	191	645	1	14	62	683	7	40	22,395
Sugarcane	15,273	39,553	64,883	8,430	774	620	706	2,375	5,098	2,895	6,306	4,636	...	835	1,063	2,677	487	1,459	6,930	16	4	165,020
Cereals — Rice	32,312	24,079	10,696	279	480	2	9	295	649	218	1,004	1,141	...	...	3,853	180	3,102	4,909	18,523	8	16	101,755
Cereals — Bajra	2	...	...	10	13	30	10	23	1	...	4	...	...	35	...	...	...	1	41	...	...	170
Cereals — Juar	...	...	25	206	901	287	527	356	421	50	427	235	...	508	...	...	...	...	18	...	...	3,971
Cereals — Makai	755	3,358	9,507	1,307	2,357	177	226	1,264	1,389	197	903	603	1	195	7	...	...	...	130	...	...	22,376
Cereals — Wheat	57,142	92,158	142,010	84,274	52,839	8,523	11,185	44,292	67,813	21,353	58,015	42,957	98	9,415	5,756	1,813	2,459	3,973	20,117	93	47	726,332
Cereals — Barley	3,066	5,416	19,724	12,695	17,208	9,889	3,805	12,378	36,933	16,764	49,733	65,707	60	1,780	758	162	253	1,296	3,951	24	...	261,602
Cereals — Oats	503	6	322	199	5	...	3	7	...	...	...	...	...	...	313	...	...	...	...	...	...	1,358
Cereals — China	1	...	14	258	1,059	52	83	389	423	9	482	51	...	36	...	...	...	...	...	98	...	2,955
Other grains	95	112	1,397	3,627	696	...	8	294	827	2,104	405	2,095	...	...	...	30	...	...	...	1	26	11,717
Mixed grains	794	164	1,447	6,438	20,533	9,085	9,416	12,619	2,869	...	...	...	44	8,538	65	124	505	2,852	9,766	187	1,073	86,519
Pulse (kharif): urd or mash and moth.	51	259	63	11	...	28	8	...	6	...	...	...	...	35	...	3	...	...	...	...	...	464
Pulses (rabi) — Gram	1,109	2,887	4,924	4,585	3,736	9,883	5,914	1,886	2,710	145	2,403	763	120	7,970	148	...	28	94	321	96	99	49,822
Pulses (rabi) — Peas	35	2,793	5,865	6,659	1,500	...	...	1,115	264	39	1,747	1,615	...	...	13	...	2	30	169	...	...	21,846
Pulses (rabi) — Arhar	...	374	654	52	129	188	49	146	79	12	113	5	...	141	...	1	...	22	166	...	4	2,134
Pulses (rabi) — Masur	575	926	1,100	33	90	...	...	32	14	...	...	...	...	...	100	4	18	133	395	16	...	3,436
Fodder crops	490	983	2,436	1,177	107	55	6	17	...	...	...	...	...	1	...	6	...	...	...	...	...	5,278
Fibres — Cotton	668	3,552	11,496	11,406	6,022	14,302	2,359	1,782	716	9	134	17	17	11,007	1	7	...	...	10	1	13	63,519
Fibres — Other fibres	145	514	...	1	7	80	110	262	273	...	12	3	...	5	...	...	...	...	1	...	...	1,413
Dyes — Indigo	992	3,594	13,152	53,743	45,141	10,543	10,639	26,704	36,391	16,947	46,345	52,729	...	2,098	...	...	...	...	42	...	...	319,060
Dyes — Other dyes	341	226	15	718	79	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1,379
Drugs — Opium	...	...	...	...	39	...	3	294	1,561	3,266	6,411	2,612	...	...	...	...	...	...	...	...	1	14,188
Drugs — Other drugs	212	58	103	152	154	43	19	250	2,209	849	76	23	...	24	369	...	4	7	129	...	21	4,702
Oilseeds	496	115	1	...	...	4	...	...	1	...	...	...	...	...	362	...	90	96	1,148	5	...	2,318
Miscellaneous	998	1,565	1,107	828	1,594	572	474	2,347	4,919	926	3,290	1,266	6	167	...	23	...	...	30	6	1	20,119
TOTAL, 1881-82	117,800	183,915	294,073	199,822	157,562	64,948	46,934	110,696	167,682	66,362	179,396	178,496	348	42,981	13,453	5,031	6,962	14,934	62,570	558	1,345	1,915,848
TOTAL, 1880-81	98,270	150,421	247,046	185,487	152,568	64,222	38,501	91,345	144,146	59,859	162,615	189,401	909	40,868	13,019	4,849	8,975	12,531	66,123	372	622	1,732,149

ALLAHABAD,
The 3rd August 1882.

G. H. D. WALKER,
Asst. Secy. to Govt., N.-W. P. and Oudh, P. W. D.

Statement in acres of crops irrigated by canals in Canal Divisions.

Crops.	Ganges Canal.						Lower Ganges Canal.						Eastern Jumna Canal.	Agra Canal.	Rohilkhand canals.	Dun canals.	Bundelkhand Lakes.		Bijnor.	Grand Total.
	Northern.	Anupshahr.	Meerut.	Bulandshahr.	Aligarh.	Total.	Narora.	Mainpuri.	Cawnpore.	Etawah.	Bhognipur.	Total.					Jhansi.	Hamirpur.		
Gardens and orchards	487	1,080	1,384	3,350	3,587	8,888	381	1,236	2,009	2,226	676	6,528	3,461	2,066	759	645	7	40	1	22,395
Sugarcane	22,493	22,709	36,355	7,427	1,856	90,840	954	3,591	5,733	7,661	2,145	20,084	39,312	2,148	8,876	1,063	16	4	2,677	1,65,020
Cereals — Rice	17,301	1,819	7,997	523	748	28,388	44	87	455	2,409	60	3,055	39,718	3	26,534	3,853	8	16	180	1,01,755
Cereals — Bajra	1	15	...	8	24	48	...	...	...	4	...	4	1	75	42	...	...	...	...	170
Cereals — Juar	...	...	...	124	1,419	1,543	75	104	142	673	133	1,127	...	1,283	18	...	...	...	...	3,971
Cereals — Makai	189	410	3,771	1,310	3,414	9,094	230	249	725	1,478	586	3,268	9,302	575	130	7	...	...	...	22,376
Cereals — Wheat	44,465	49,158	75,910	77,965	74,370	3,21,868	16,947	47,380	38,409	83,726	23,647	2,10,109	1,31,891	28,206	26,549	5,756	93	47	1,813	7,26,322
Cereals — Barley	2,591	5,947	19,296	9,198	25,891	62,923	4,413	18,715	57,001	72,557	20,522	1,73,208	3,610	15,417	5,500	758	24	...	162	2,61,602
Cereals — Oats	...	...	305	213	15	533	...	...	...	...	...	...	512	...	...	313	...	...	...	1,358
Cereals — China	...	8	11	26	2,007	2,052	...	93	9	...	539	641	1	163	...	...	98	...	..	2,955
Other grains	...	23	110	5,164	340	5,637	...	645	4,346	486	2	5,479	540	4	...	...	1	26	30	11,717
Mixed grains	...	4,063	58	...	36,603	40,724	3,619	...	...	...	...	3,619	903	26,701	13,123	65	187	1,07[illegible]	124	86,519
Pulses (kharif): urd or mash and moth.	226	30	95	...	10	361	...	...	...	...	...	...	33	67	...	...	...	...	3	464
Pulses, rabi — Gram	2,344	1,063	1,693	4,599	4,539	14,238	652	1,210	243	1,920	2,606	6,631	4,451	23,715	443	148	96	99	...	49,822
Pulses, rabi — Peas	1,235	10,604	...	3,816	...	15,655	...	...	1,345	2,320	...	3,665	2,312	...	201	13	...	...	1	21,846
Pulses, rabi — Arhar	...	34	985	99	162	1,280	78	77	12	10	110	287	...	375	188	...	...	4	4	2,134
Pulses, rabi — Masur	...	39	141	58	130	368	...	6	...	...	...	6	2,396	...	546	100	16	...	...	3,436
Fodder crops	183	636	1,691	1,206	21	3,737	...	...	...	...	...	...	1,473	62	...	...	...	...	6	5,278
Fibres — Cotton	...	2,406	4,286	11,158	9,481	27,331	51	69	12	367	133	632	7,962	27,562	10	1	1	13	7	63,519
Fibres — Other Fibres	641	...	...	...	19	660	225	176	2	125	11	539	18	195	1	...	...	...	...	1,413
Dyes — Indigo	...	20,490	5,888	41,578	60,659	1,28,615	9,484	25,585	45,249	66,288	16,794	1,63,400	4,316	22,687	42	...	...	...	...	3,19,060
Dyes — Other dyes	567	414	...	398	..	1,379	...	...	...	...	...	...	...	...	...	...	...	...	...	1,379
Drugs — Opium	...	...	...	...	97	97	254	2	5,682	7,226	926	14,090	...	...	...	...	...	1	...	14,188
Drugs — Other drugs	5	28	24	168	239	464	20	3,660	117	104	22	3,323	305	80	140	369	...	21	...	4,702
Oil seeds	138	...	...	...	...	138	...	1	..	...	...	1	474	4	1,334	362	5	...	...	2,318
Miscellaneous	1,166	706	410	750	2,408	5,440	1,288	2,700	1,517	3,878	2,126	11,509	1,895	1,215	30	...	6	1	23	20,119
TOTAL 1881-82	94,032	1,21,682	1,60,410	1,68,138	2,28,039	7,72,301	38,715	1,04,986	1,63,008	2,53,458	71,038	6,31,205	2,54,886	1,52,603	84,466	13,453	558	1,345	5,031	19,15,848
TOTAL 1880-81	62,355	98,569	1,25,191	1,57,269	2,21,243	6,64,627	24,815	79,101	1,73,656	2,64,852	41,251	5,83,475	2,35,862	1,41,405	87,629	13,308	372	622	4,849	17,32,149

ALLAHABAD,
The 3rd August 1882.

G. H. D. WALKER,
Asst. Secy. to Govt., N.-W. P. and Oudh, P. W. D.

DEPARTMENT OF FINANCE AND COMMERCE.

SUPPLEMENT TO THE STATEMENTS OF PRICES CURRENT OF FOOD-GRAINS FOR THE 1st AND 2nd HALVES OF JULY 1882, PUBLISHED IN PAGES 1044, 1045, 1134 AND 1135 OF THE SUPPLEMENT TO THE "GAZETTE OF INDIA," DATED 12th AND 26th AUGUST 1882.

PROVINCE.

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

DISTRICTS.	Wheat.			Barley.			Rice. Best sort.			Rice. Common.			Great Millet (Cholum, Jowar), *Holcus Sorghum.*			Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.*			Lesser Millets, Ragi, &c. (Kavaru, Veragoo, Sawee, Cheena, Coraloo, Murnwa, Nuglee, &c.), *Panicum Miliaceum, Eleusine Coracana, &c.*			Gram.			Firewood.			Salt. Wholesale.			Salt. Retail.		
	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.
1st half of July 1882.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.
ARRACAN DIVISION.																																	
Akyab	6 6	6 6	6 6	...	...	...	14 8	15 0	14 0	15 8	16 0	16 0	...	...	...	...	...	...	...	...	...	10 0	12 0	10 0	...	...	200 0	40 0	40 0	...	32 0	32 0	40 0
Northern Arracan	...	...	...	...	...	...	10 0	10 0	...	11 0	11 0	11 0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8 0	8 0	36 0
Kyoukpyoo	...	...	...	...	...	...	18 0	19 1	16 1	19 8	20 9	17 9	...	...	...	...	...	...	...	...	...	4 0	4 0	4 0	200 0	200 0	200 0	...	...	...	*a*	*a*	30 0
Sandoway	...	...	...	...	...	...	27 7	27 7	27 0	33 9	33 9	33 9	...	...	...	...	...	...	...	...	...	...	...	...	469 11	469 11	469 11	...	...	...	28 6	28 6	28 6
PEGU DIVISION.																																	
Rangoon town and Hanthawaddy	16 4	16 4	15 5	...	...	...	13 13	13 13	12 12	15 4	15 4	13 2	...	...	...	...	...	...	...	...	...	19 7	19 7	21 1	324 0	321 0	321 10	50 11	50 11	50 11	22 10	22 10	22 10
Tharrawaddy	...	...	...	...	...	...	8 14½	14 4½	13 4	14 4½	17 2½	15 14	...	...	...	...	...	...	...	...	...	14 14	16 5½	8 8	535 11½	540 11½	535 11	...	15 10½	30 13	29 12½	27 7½	18 10
Prome	18 3	18 3	14 9	...	...	...	12 12	12 12	13 7	17 2	17 2	17 2	...	...	...	...	...	...	...	...	...	17 12	17 12	20 12	139 11	139 11	139 11	29 9	29 9	25 6	18 10	18 10	18 15
IRRAWADDY DIVISION.																																	
Thonegwa	...	...	...	...	...	...	11 9	11 9	11 12	14 11	14 11	13 6	...	...	...	...	...	...	...	...	...	16 13	16 13	22 7	184 8	184 8	184 8	50 0	39 6	26 9	44 5	35 7	21 3
Bassein	...	...	...	...	...	...	16 7	19 2	12 1	19 8	22 11	12 6	...	...	...	...	...	...	...	...	...	14 8	14 0	13 0	159 12	172 11	222 0	35 7	42 8	49 6	25 6	25 6	36 7
Henzada	...	...	...	...	...	...	14 5	14 5	11 15	19 8	19 8	15 10	...	...	...	...	...	...	...	...	...	...	...	...	183 8	183 8	183 8	29 9	29 9	32 4	29 9	29 9	29 10
Thayetmyo	11 13	...	10 15	...	...	...	11 11	11 11	11 2	13 13	13 13	13 13	...	...	...	...	...	...	...	...	...	18 7	18 7	15 13	245 0	245 0	215 0	20 13	20 13	32 0	14 2	14 2	28 6
TENASSERIM DIVISION.																																	
Moulmein town and Amherst	10 0	...	10 0	...	...	...	12 10	12 10	10 9	20 4	20 4	12 3	...	...	...	...	...	...	...	...	...	11 1	11 1	11 1	220 0	220 0	220 0	47 7	47 7	24 2	35 8	35 8	16 1
Tavoy	..	...	...	...	...	...	13 12	13 12	11 4	22 14	22 14	14 0	...	...	...	...	...	...	...	...	...	...	...	...	399 3	399 3	399 0	24 2	24 2	24 5	16 1	16 1	18 4
Mergui	...	...	...	...	...	...	17 5	17 5	14 9	21 12	21 12	18 14	...	...	...	...	...	...	...	...	...	...	...	...	428 0	428 0	428 0	36 8	36 8	26 0	29 3	29 3	18 12
Shwaygyin	...	...	...	...	...	...	12 12	12 12	12 12	15 9	15 9	13 13	...	...	...	...	...	...	...	...	...	...	...	...	250 0	250 0	250 0	32 3	32 3	25 0	18 14	18 14	13 9
Toungoo	...	...	...	...	...	...	18 5	18 5	16 0	21 5	21 5	18 15	...	...	...	...	...	...	...	...	...	12 9	12 9	11 5	24 0	24 0	175 0	30 12	30 12	26 3	18 12	18 12	18 14
Salween	...	...	...	...	...	...	7 14	7 14	6 5	8 4	8 4	8 4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	*b*	*b*	...
2nd half of July 1882																																	
ARRACAN DIVISION.																																	
[illegible]	6 6	6 6	6 6	...	...	...	13 8	15 8	14 0	15 0	...	16 0	...	...	10 0	...	...	...	...	...	...	10 0	10 0	10 0	160 0	...	200 0	40 0	40 0	0 ...	32 0	32 0	40 0
[illegible]	...	...	...	...	...	...	11 0	10 0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
[illegible]	...	...	...	...	...	...	18 0	18 0	16 12	19 0	19 8	18 4	...	...	...	...	...	...	...	...	...	4 0	4 0	4 0	200 0	200 0	160 0	...	...	...	*a*	*a*	48 0
[illegible]	...	...	...	...	...	...	27 7	27 7	23 14	33 9	33 9	29 14	...	...	...	...	...	...	...	...	...	...	...	...	469 11	469 11	469 11	...	...	...	28 6	28 6	28 6
PEGU DIVISION.																																	
Rangoon town and Hanthawaddy	16 4	16 4	15 5	...	...	...	14 6	13 13	12 2	13 2	15 4	13 2	...	...	...	...	...	...	...	...	...	21 1	19 7	19 7	324 0	324 0	324 0	50 11	50 11	50 11	22 10	22 10	22 10
Tharrawaddy	...	...	...	...	...	...	10 13½	8 14½	13 4	13 6½	14 4½	15 14	...	...	...	...	...	...	...	...	...	13 9½	14 4½	8 8	535 11½	535 11½	536 11	...	...	...	27 7½	29 12½	29 14
Prome	18 3	18 3	14 9	...	...	...	12 12	12 12	13 7	17 2	17 2	17 2	...	...	...	...	...	...	...	...	...	17 12	17 12	20 12	139 11	139 11	139 11	29 9	29 9	30 13	18 10	18 10	18 10
IRRAWADDY DIVISION.																																	
Thonegwa	...	...	...	...	...	...	11 9	11 9	10 12	14 11	14 11	18 6	...	...	...	...	...	...	...	...	...	16 13	16 13	16 13	184 8	184 8	123 0	44 5	50 0	44 5	39 6	44 8	39 6
Bassein	...	...	...	...	...	...	16 12	16 7	11 5	18 7	19 8	10 9	...	...	...	...	...	...	...	...	...	15 9	14 8	13 6	175 11	159 12	232 0	35 7	35 7	21 12	30 2	25 6	21 3
Henzada	...	...	...	...	...	...	14 5	14 5	11 15	19 8	19 8	15 10	...	...	...	...	...	...	...	...	...	...	...	...	183 8	183 8	183 8	29 9	29 9	32 4	29 9	29 9	29 10
Thayetmyo	10 15	11 13	10 15	...	...	...	11 11	11 11	11 2	13 13	13 13	13 13	...	...	...	...	...	...	...	...	...	18 7	18 7	18 7	245 0	245 0	245 0	20 13	20 13	25 6	14 2	14 2	18 15
TENASSERIM DIVISION.																																	
Moulmein town and Amherst	10 0	10 0	10 0	...	...	...	12 10	12 10	10 9	20 4	20 4	12 3	...	...	...	...	...	...	...	...	...	11 1	11 1	11 1	220 0	220 0	229 0	47 7	47 7	32 0	35 8	35 8	28 6
Tavoy	...	...	...	...	...	...	14 9	13 12	11 4	22 14	22 14	14 0	...	...	...	...	...	...	...	...	...	...	...	...	395 3	399 3	399 3	24 2	24 2	24 2	16 1	16 1	16 1
Mergui	...	...	...	...	...	...	17 15	17 15	14 9	21 12	21 12	18 14	...	...	...	...	...	...	...	...	...	...	...	...	428 0	428 0	428 0	36 8	36 8	26 1	29 3	29 3	18 4
Shwaygyin	...	...	...	...	...	...	12 12	12 12	12 12	13 13	13 15	9 13	...	...	...	...	...	...	...	...	...	...	...	...	250 0	250 0	250 0	32 3	32 3	39 5	18 14	18 14	18 1
Toungoo	...	...	...	...	...	...	18 5	18 5	16 0	21 5	21 5	18 15	...	...	...	...	...	...	...	...	...	12 9	12 9	11 5	24 0	24 0	24 0	30 12	30 12	26 6	18 12	18 12	18 10
Salween	...	...	...	...	...	...	7 14	7 14	6 5	8 4	8 4	8 4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	25 0	*b*	*b*	13 9

a Rs. 36 per 100 maunds weight.

b Annas 2 per viss.

DEPARTMENT OF FINANCE AND COMMERCE,
(*Statistical Branch.*)

D. M. BARBOUR,
Secretary to the Government of India.

IRRIGATION OPERATIONS OF FASL KHARIF IN THE PUNJAB FOR 1882-83 UP TO 30th JUNE 1882.

CANAL DIVISION.	WATER DISTRIBUTED DURING JUNE 1882. Depth in Canal at Regulating Gauge. Full supply.	Actual throughout.	Gross Consumption, cubic feet per second. Estimated full supply.	Actual average throughout.	Navigation Return Canal. Principal items of Traffic. Up.	Down.	LAND IRRIGATED (APPROXIMATE). Zila.	Acres.	RAINFALL. Average.	During month.	CHIEF CROPS (APPROXIMATE). Name.	Area in acres.	REMARKS.
Bari Doab Canal. 1st Division	4·9	4·79	3,073·6	1,173·12	...	...	Gurdáspur ...	12,906	3·48	0·6	Cotton ...	23,354	The volume entering the Bári Doáb Canal was 3,144·35 cubic feet per second; of this, 196·62 cubic feet per second passed through escapes, leaving 2,947·73 cubic feet per second as utilized. There is an increase of 13,674 acres over the corresponding acreage of last year, and of 2,235 acres over that of 1880-81, the largest on record. The increase is due to scarcity of rain. There is a considerable falling-off in the sugarcane in the 1st Division, which is said to be due to a glut in the market.
2nd Division, Main Branch, Lower	4·6	3·10		1,132·14	...	...	Amritsar ...	27,722	3·40	0·9	Rice ...	7,162	
2nd do., Lahore Branch	3·35	3·10		642·47	...	...	Lahore ...	42,333	1·60	0·6	Sugarcane ...	9,872	
											Others ...	42,573	
Total Bári Doáb Canal	...	...	3,073·6	2,947·73	...	...	.....	82.961	...	...	.....	82,961	
Corresponding period of last year	...	...	3,073·6	2,273·30	...	...	.....	69,287	...	...	.....	69,287	
Western Jumna Canal. Karnál Division	4·33	4·73	2,546	321	...	Karnál Division 189,748 kurries, bullies, &c. Karnál Division 2,090 mds. fuel, Delhi Division 14,489 mds. timber.	Umballa ...	668	4·83	6·00	Cotton ...	43,290	The volume of water entering the Western Jumna Canal was 2,867 cubic feet per second, of which the following was passed through escapes:— Budha Khera Escape . 107 c. ft. Escape in Delhi Division . 7 „ Delhi Canal Tail . . 47 „ Total . 161 „
Delhi do.	5·70	5·76		817			Karnál ...	18.745	3·77	1·85	Rice ...	6,813	
Hánsi do.	9·00	8·79		1,231			Delhi ...	23,570	2·60	2·30	Sugarcane ...	47,135	
Do. Bulla Head	8·80	8·80		337			Rohtak ...	27.810	2·25	1·35	Others ...	15,442	
							Hissár ...	25,146	2·00	0·40	.....	...	
							Jhind ...	16,131	3·60	...	.....	...	
							Bikaner ...	224	...	...	.....	...	
							Kalsia State ...	386	...	...	.....	...	
Total Western Jumna Canal	...	...	2,546	2,706	...	189,748	.....	112,680	...	...	.....	112,680	
Corresponding period of last year	...	...	2,546	2,426	...	230,174	.....	98,414	...	...	.....	98,414	
Inundation Canals. Upper Sutlej Division	...	...	...	...	...	...	Lahore ...	3,000	...	...		...	The operations of the month show an increase of 14,206 acres as compared with June of last year. There is an increase of 14,474 acres in sugarcane, which is principally in the Delhi District. Rainfall has been favorable in all but the Hissar District. The falling-off in the area irrigated on the Upper Sutlej Inundation Canals is due—1st to late rise of river; 2nd, to delay in opening canals owing to difficulty in obtaining labor for clearances; and 3rd, to slack demand consequent on the large preceding rabi harvest. Demand for water was, however, increasing. There is an increase of 56,202 acres in the Mozaffargarh and Dera Gházi Khan Districts, and a falling-off of 14,522 acres in the Mooltan District. The supply in the Rivers Chenab and Indus has been good. The crops are flourishing, and there has been an increase of indigo cultivation.
Lower Sutlej and Chenab	...	...	...	...	...	...	Montgomery ...	11,000	1·73	0·05	Detail not obtainable for want of establishment.	...	
Indus Canals	...	...	...	...	...	...	Mooltan ...	192,540	0·36	0·20		...	
Mozaffargarh Canals	...	...	...	...	...	...	Dera Gházi Khan ...	103,297	0·74	0·90		...	
							Mozaffargarh ...	135,516	...	0·10		...	
Total Inundation Canals	...	...	...	...	...	...	.....	445,353	...	...	.....	445,353	
Corresponding period of last year	...	...	...	...	...	...	.....	433,222	...	...	.....	433,222	
Perennial Canals Grand Total	...	...	...	...	...	...	.....	195,641	...	...	.....	195,641	There is an increase of 27,940 acres on the perennial canals as compared with the corresponding period of last year.
Do., corresponding period of last year	...	...	...	...	...	...	.....	167,701	...	...	.....	167,701	

J. E. CATTON,

Offg. Asst. Secy. to Govt., Punjab, P. W. D., Irrigation Branch.

GOVERNMENT OF INDIA.

HOME DEPARTMENT.

RULES FOR THE FILLING UP OF VACANCIES IN THE CLERICAL ESTABLISHMENTS OF THE SECRETARIAT OFFICES OF THE GOVERNMENT OF INDIA, AND THE DEPARTMENTS DIRECTLY ATTACHED TO THEM, BY COMPETITIVE EXAMINATION.

Nos. $\frac{31}{1366-1368}$.

Extract from the Proceedings of the Government of India, in the Home Department (Public),—under date Simla, the 31st August 1882.

Read—

Home Department Resolution Nos. $\frac{31}{1161-66}$, dated the 21st July 1880, on the subject of raising the standard of ability among clerks attached to the Secretariats connected with the Government of India.

RESOLUTION.

The Governor General in Council has for some time past had under consideration the question of the best mode of filling up vacancies in the clerical establishments of the Secretariat Offices of the Government of India, and securing a reasonably high standard of qualification among the assistants employed.

2. The recognised difficulty in all Government Offices is to obtain men fit for the superior duties, such as those of drafting, précis-writing, preparing statistical returns, and the like. The pay provided for the superior appointments is in itself sufficient to give adequate remuneration for the proper performance of duties of this class; but the complaint is general that the standard of work done is at present often very inferior. It has been too much the rule to promote men from the lower grades as a matter of course; and as no test of qualification is applied either on admission to those lower grades, or on advancement beyond them, promotion has come to depend at least as much on seniority and the absence of misconduct as upon any merit or positive fitness for superior duty.

3. The Governor General in Council has decided that the first step towards reform must be to draw a marked line of distinction between the superior and inferior classes of appointments, and that for this purpose the Secretariat Clerical Service shall for the future be separated into an Upper and a Lower Division,—the former comprising all appointments the pay of which is Rs. 200 and upwards, the latter all appointments (other than those of mere copyists) the pay of which is below that sum. No clerk will be entitled to promotion from the Lower to the Upper Division as a matter of course, or otherwise than in accordance with the rules laid down in this Resolution.

4. As regards the mode of recruiting both Upper and Lower Divisions, the Governor General in Council has come to the conclusion that the only satisfactory principle to follow is that of free and open competition,* modified as regards the Upper Division by conditions favourable to persons at the present time actually serving in the Lower Division. The plan of filling up vacancies in the Government Offices by competitive examination has worked satisfactorily in the Home Civil Service, and in the few instances where it has been tried in this country. It does away at once with many abuses and difficulties, and seems peculiarly adapted to the circumstances of Indian Offices, the responsible heads of which have necessarily no intimate acquaintance with the personal qualifications of candidates for admission, and are driven to rely upon the

* Except in the case of the appointments of Registrars of Offices, Superintendents of Branches, or Head Assistants, for filling up which an absolute power of selection must remain with the Head of the Office concerned.

partial recommendations of subordinates or the certificates of irresponsible outsiders.

5. It has therefore been determined for the future to hold in Calcutta, and such other places as may be hereafter appointed for the purpose, an examination in January of each year for the purpose of selecting candidates for appointments in the Secretariat Offices of the Government of India. These examinations will be under the management of the Board of Examiners, Fort William, assisted by paid examiners, and acting in communication with the Secretary to the Government of India in the Home Department. The precise dates of the annual examination will be notified in the *Gazette of India* on or before the 30th November previous.

6. The subjects of examination will be the following, all of them being obligatory :—

A.—For Candidates for Appointments in the Lower Division.

	Marks.
1. Arithmetic and Elementary Mathematics* ...	500
2. Geography	250
3. History (English and Indian)	500
4. Handwriting	500
5. English Composition	500
6. Letter-drafting and Précis-writing	1,000

* *i.e.* Algebra up to binomial theorem, and Euclid, Books I—IV.

B.—For Candidates for Appointments in the Upper Division.

1, 2, 3, 4, 5, 6. The same subjects and marks as under *A*, but the standard required will be materially higher.

7. Any special subject of examination prescribed by any particular Department 1,000

No candidate will be allowed any marks in respect of any subject of examination unless he shall be considered by the Examiners to show a competent knowledge of or a real proficiency in such subject. No candidate will be considered qualified who does not obtain at least one-third marks in subjects 4, 5, and 6; and no candidate will be eligible for the Financial Department who does not also obtain at least one-third marks in Arithmetic and Elementary Mathematics.

7. Every candidate for an appointment in the Lower Division must send a written application for permission to appear at the examination to the Secretary to the Board of Examiners between the 15th and 31st days of December (inclusive). The application should be in the form given on the margin, and be accompanied by a fee of Rs. 10, one-half of which will be returned to unsuccessful candidates. With the application must also be forwarded—

[FORM.]

To the Secretary to the Board of Examiners, Fort William.

SIR,

I request permission to present myself at the ensuing examination of candidates for appointments in the Lower Division of Government Clerkships. The fee of Rs. 10 is forwarded herewith.

I am, &c.

(1) Evidence that the candidate is not less than 19 and not more than 24 years of age.

(2) A certificate from a Government Medical Officer of or above the rank of Assistant Surgeon that the candidate is in good health and of sound constitution.

(3) A certificate that the candidate is of good moral character from the head of the institution in which he has last been educated, or (when a year or more has elapsed since his education terminated) from some respectable householder, to whom he is well known in private life, and who is himself personally known to the head of some Government Office,—this last fact being certified by the counter-signature of the officer in question.

8. Every candidate for an appointment in the Upper Division must in the same way send a written application for permission to appear at the examination to the Secretary to the Board of Examiners between the dates above specified. The application should be in the form given on the margin, and be accompanied by a fee of Rs. 20, half of which will be returned to unsuccessful candidates. Candidates must forward with the application the evidence of age and certificates of health and moral character prescribed in paragraph 7 above.

[FORM.]

To the Secretary to the Board of Examiners, Fort William.

SIR,

I request permission to present myself at the ensuing examination of candidates for appointments in the Upper Division of Government Clerkships. The fee of Rs. 20 is forwarded herewith.

I am, &c.

9. The number of candidates to be selected by the Examiners for each Division will be notified in the *Gazette of India* by the Home Department on or before the 30th November. This number will be determined, in communication with the heads of the offices concerned, with reference to the number of vacancies existing or estimated as likely to occur within the course of the following year, *plus* a margin of 10 per cent. for casualties. In each year after the first the number of appointments to be notified will be reduced by the number of selected candidates remaining on the list from former years who may not yet have received appointments.

10. Every third vacancy occurring during any year in the upper division of an office may be filled up by the head of the office if he think fit, in accordance with the results of a departmental examination of clerks already in the lower division of the same office. In all such examinations subjects 4, 5 and 6, in paragraph 6 above, shall be compulsory. Vacancies which it is intended to fill up under this paragraph will not be reported as vacancies for the purposes of paragraph 9.

11. As soon as practicable after the open competitive examinations, the Board of Examiners will prepare a list of selected candidates in each Division in the order of merit, up to the number notified under paragraph 9, if so many are found qualified; and this list will be circulated to the heads of the offices concerned. Candidates will be given their choice of Departments as far as possible, and the Board of Examiners will intimate such choice to the head of each office, who will offer the vacant appointments at his disposal to the candidates electing his office in the order in which they stand on the list, and thereafter to the other candidates in the same order, through the Secretary to the Board of Examiners. Priority of selection as between the heads of different offices will be regulated by such orders as the Governor General in Council may from time to time make in this behalf. (In the case of the Foreign Office, the Secretary shall be at liberty to select any qualified candidate on the list.) It will be open to a selected candidate to decline any particular appointment offered him, and his name will not on that account be removed from the list; but no candidate's name shall remain on the list for either division after he has attained the age of 25 years, or for more than two years after the date of his being entered as a selected candidate.

12. The foregoing rules will govern the case of candidates who are not now serving in the offices to which this Resolution applies. Except as provided in paragraph 10, there will in future be no promotion from the Lower to the Upper Division. But any clerks who are at the date of the issue of this Resolution serving in the Lower Division may present themselves at any one examination for vacancies in the Upper Division that may be held in 1883 or 1884; and if they succeed in then obtaining marks indicating a competent knowledge of subjects 1, 2, and 3 (as provided in paragraph 6), and one-third marks in subjects 4, 5, and 6, the Board of Examiners will place their names, in order of merit, on the list of selected candidates drawn up under paragraph 11, above the names of all other competitors, irrespective of the fact that these last may have obtained higher marks in the examination. If a candidate whose name has been placed on the list under the provisions of this paragraph declines the appointment offered him, his name will be removed from the list, and he must

look for promotion only under paragraph 10. The concession made above in favour of clerks now in the Lower Division will sufficiently provide for the case of clerks who entered the inferior grades of the service in past years with the expectation of working their way up to higher appointments. No fees will be charged to candidates presenting themselves under this paragraph, but no such candidate will be admitted to the examination who does not at least 15 days before the date of examination submit to the Board of Examiners a certificate from the head of his office declaring that his conduct while serving in the Lower Division has been satisfactory.

13. All selected candidates receiving appointments will be on probation for twelve months; and if at the close of that period their work has not been found to give satisfaction, they will receive their discharge, and will have no claim to gratuity or compensation on that account. This rule will not apply to clerks selected for the Upper Division who were previously permanent clerks in the Lower Division.

14. Candidates accepting appointments must understand that their future promotion in their Office within the Division to which they belong will depend entirely upon their work and merits. No clerk will have any claim as of right to rise beyond the grade upon which he may have been brought in, though in ordinary course clerks who satisfy the head of their Office will receive promotion to vacancies in the Division as they occur, new entrants being, as a rule, though not as a matter of course, brought in on the lower grades.

15. Transfers from the Upper Division of one Government Office to that of another, or from the Lower Division of one Office to that of another, may be arranged by the heads of the offices concerned; but no transfer by arrangement from the Lower Division of one Office to the Upper Division of another can be allowed in future.

16. These orders will apply to the Secretariat Offices of the Government of India and Departments directly attached to them, such as the Sanitary Commissioner with the Government of India, the Surgeon General with the Government of India, the Inspector General of Forests, the Accountant General, Public Works Department, the Director General of Railways, and the like.

17. On the occurrence of any vacancy hereafter in any office to which this Resolution applies, when no candidate qualified under these rules is available to fill such vacancy, temporary arrangements may be made by the head of the office to carry on the work until the results of the next examination are known.

ORDER.—Ordered, that a copy of the above Resolution be forwarded for information and guidance to all the Departments of the Government of India and to the Heads of Offices* under the Home Department, and that the Resolution be published in the Supplement to the *Gazette of India*.

* Surgeon General with the Government of India.
Sanitary Commissioner with the Government of India.
Secretary to the Board of Examiners.
Registrar of the Calcutta University.

A. MACKENZIE,
Secretary to the Government of India.

GOVERNMENT OF INDIA.

REVENUE AND AGRICULTURAL DEPARTMENT.

REPORTS ON THE STATE OF THE SEASON AND PROSPECTS OF THE CROPS FOR THE WEEK ENDING THE 29th AUGUST 1882.

GENERAL REMARKS.—Rain in varying quantities has fallen in all parts of the country, the only exceptions being Sholapur in the Bombay Presidency, Akola in the Berars, Dera Ismail Khan and Peshawar in the Punjab, Agar, Sirohi and Meywar among the Rajputana and Central India States, and Jalpaiguri in Bengal.

The rainfall of the week has benefited standing crops in all Provinces, and agricultural prospects on the whole are very satisfactory. More rain would, however, be beneficial in parts of five districts of Madras, in a few places in Bengal, in two districts of the North-Western Provinces and Oudh, and in three districts in the Punjab. In Bombay rain is wanted in most districts, in some urgently; locusts are reported in two districts. Prices are generally falling in the North-Western Provinces and Oudh, and the early *kharif* crops are being cut in places.

The barometric pressure has varied considerably during the week, sometimes rising and sometimes falling; but towards the end of the week the general tendency has been towards a fall all over India.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Madras—(Aug. 30th)		
Bellary ...	1·42 (average of six stations).	Standing crops—wet good, dry partially withering; agricultural operations progressing.
Kurnool ...	·96 (average of eight stations).	Crops beginning to wither in parts of five talukas, elsewhere generally good; more rain wanted; agricultural operations progressing; cattle-disease in parts.
Ganjam ...	1·79 (average of sixteen stations).	Rain wanted in two divisions; standing crops thriving; harvest gingelly and cotton, outturn average; fever, small-pox, and cattle-disease continue; slight cholera in parts.
Kistna ...	1·33 (average of twelve stations).	More rain wanted; crops generally recovering; agricultural operations progressing; fever and small-pox slight; cattle-disease throughout.
Chingleput (Madras) ...	1·60 (average of nine stations).	Standing crops good where water available; agricultural operations progressing; small-pox in parts.
Coimbatore ...	1·56 (average of thirteen stations).	Standing crops paddy promises well; dry crops suffer from want of rain and from ravages of insects; harvest dry crops, yield about average; small-pox, fever, cholera, and cattle-disease in parts.
Tanjore ...	1·45 (average of twelve stations).	Standing crops good except in parts damaged by floods; harvest gingelly, yield below average; cattle-disease in parts.
Madura ...	·92 (average of nine stations).	Harvest paddy, outturn fair; cholera in parts.
Malabar ...	·71 (average of twelve stations).	First crop good; small-pox, fever, and cholera in parts.
Travancore ...	1·67	Fever prevalent. *General Remarks.*—General prospects good.
Bombay—(Aug. 30th)		
Kurrachee ...	·32; Manora, ·17; Tanna, ·33; Jerruck, ·34.	River at Kotri on 28th, 18¾ feet against 17 feet 2 inches on same date last year; fever in six talukas; 1 case small-pox in Sujawal; in Tatta crops damaged by excess of water and also by rats in three talukas; wheat, red rice, and *bajri* in Kurrachee, 22, 34 and 33, in Sehwan 28, 42 and 48, in Ghorabari 18, 44 and 40, and in Jati 20, 36 and 44 lbs. per rupee respectively.
Hyderabad ...	Rain in five talukas; average fall ·87.	River falling; small-pox in two talukas; fever in five talukas; wheat 25, *juari* 45, *bajri* 40, red rice 30, and white rice 22 lbs. per rupee.
Ahmedabad ...	·44	Total rainfall 27·81; young *kharif* crops good; transplanting of rice continues; wheat 29 and *bajri* 30 lbs. per rupee.
Baroda ...	·86	Total rainfall 31·28; want of more rain generally felt; cholera prevails at Sidhpur and continues at Amreli, at Sadra Contingent Camp it is mild, and has abated at Manekwara; *bajri* 32 and common rice 24 lbs. per rupee.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Bombay—*contd.*		
Surat ...	·62	Total rainfall 33·14; crops healthy; break continues; rain wanted; *juari* 36 and *nagli* 52 lbs. per rupee.
Násik ...	Igatpuri, 2·46; Peint, 2·61; slight showers in some talukas, but rain urgently wanted in all.	Young locusts in Malegaon, Baglan, and Nandgaon causing much anxiety; slight cholera in five talukas; crops as yet doing well; wheat 25½, *bajri* 38¾, and rice 28 lbs. per rupee.
Colaba (Bombay) ...	·42	Total rainfall 57·65, being ·18 above average; abnormal temperature 2° warm except on 26th, when it was 1° cool; vapour in air normal; abnormal wind north-east from 23rd to 26th and rest from 27th to 29th.
Poona ...	Rain wanted in eastern talukas.	Twenty-two cases of cholera in Sirur taluka, of which 14 were fatal; *bajri* 49 and *juari* 58 lbs. per rupee, in Poona *bajri* 37 and *juari* 48 lbs. per rupee.
Ahmednagar ...	Sheogaon, ·22; Jhamkhed, ·09; Rahuri, ·05; no rain elsewhere.	Total average rainfall of the district 11·43; *bajri* crops are withering from want of rain in all talukas except Akola; cholera in Parner 3 fresh attacks and 4 deaths, in Sheogaon 2 deaths; *bajri*—maximum 72 lbs. in Jhamkhed, minimum 48 in Kopergaon; *juari*—maximum 102 in Jhamkhed, minimum 60 in Kopergaon.
Sholapur ...	No rain	*Kharif* crops suffering from want of rain; cholera dying out, 69 cases, 31 deaths; *bajri* 58 lbs. 15 tolas, and *juari* 80 lbs. 28 tolas per rupee.
Dharwar ...	Rain at six stations; maximum at Ron, 1·01.	Standing crops thriving but will require rain before long; cotton being sown in some talukas and in others ground is being prepared for it and for sowing late crops; *juari* 56 lbs. and rice 20 lbs. per rupee; public health good; cattle-disease in Hangal.
Kanara ...	Karwar, ·28; Hallial, ·06.	Total rainfall 87·08; rice crops in ear in Karwar; rain wanted; sugarcane and garden produce thriving; fever in two talukas above ghat; common rice in Karwar 11 seers, in district average 13 seers per rupee.
Rajkot ...	1·47	Total rainfall 15·25; weather warm and cloudy; cholera in town and civil station Rajkot and in other places; crops thriving; *bajri* 27 and *juari* 31 lbs. per rupee.
		General Remarks.—Rain wanted in most districts, in some urgently needed; locusts in Khandesh and Násik; fever and cattle-disease in some districts; cholera abating.
Bengal—(Aug. 30th)		
Chittagong ...	0·48	Prospects of crops good, but rain still wanted for transplanting winter rice; prices steady; small-pox, cholera, and cattle-disease still reported.
Dacca ...	1·50	Prospects of all crops good; rivers rising; cholera diminishing.
24-Pergunnahs (Calcutta)	3·02	Prospects of early rice, jute, and sugarcane continue satisfactory; transplanting on low lands nearly finished, more rain wanted for transplanting on high lands; prices of common rice stationary; public health generally good; fever reported from Baraset and Diamond Harbour sub-divisions.
Moorshedabad ...	0·20	Rain done much good to transplanted winter rice and facilitated transplanting, which is still going on; autumn rice being harvested; on the whole public health good; cattle-disease reported from Kandi sub-division.
Rajshahye ...	1·76	More rain wanted for winter rice; cutting of jute nearly finished; fever still reported.
Burdwan ...	2·22	More rain required for winter rice; other crops good; a few cases of cholera reported.
Rungpore ...	0·46	Weather cloudy; prospects of crops favourable, but more rain wanted; public health good, except a few cases of cholera in thana Bhawaniganj.
Bhagálpur ...	1·73	More rain wanted for transplanting winter rice; autumn harvest progressing; crop generally excellent; north-east of district extensively flooded by the Kosi.
Purneah ...	2·63	Prospects of crops only fair generally, in parts very bad; transplanting progressing vigorously, but very late; rivers high; fever prevalent.
Patna ...	2·69	Prospects of autumn crops good; sugarcane looking well; transplanting of rice making fair progress, more rain would do good; cholera abating in Behar.
Durbhunga ...	2·63	Autumn crops slightly below average; rice prospects good; prices stationary; health improving.
Hazáribágh ...	2·77	Weather hot and cloudy; autumn crops promising, and are being reaped in some parts; transplanting of rice in progress; public health generally good.
Cuttack ...	3·74	Reaping of early rice commenced; late rice progressing well; cholera disappearing.
		General Remarks.—More or less rain fell in all districts during the week, except in Jalpaiguri; general prospects of crops much improved; transplanting of late rice is rapidly being completed, but more rain is still wanted for transplanting on high lands in some places; autumn harvest will be rather short in some districts owing to previous want of rain, generally however it is expected to yield a fair average crop; sugarcane crop promising well everywhere; fever prevalent in Nadiya, Purneah, and a few other districts; cholera somewhat abated in Chumparun; cases of cholera and cattle-disease still reported from some places; small-pox still exists in Chittagong, Singhbhum, and Manbhum.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
N. W. Provinces and Oudh—		
Benares (Aug. 29th)	2·10; Chandauli, 1·30; Gungapur, *nil.*	Weather favourable for crops; *sawan* being cut; health of cattle good; a few isolated cases of cholera and some fever, health otherwise good; bazars well supplied; prices stationary.
Allahabad („ 30th)	Rain general and abundant.	Crops doing well; cholera nearly disappeared; rice fallen, other prices stationary.
Gorakhpur („ 29th)	Plentiful showers throughout the district.	Crops promising; health fair; prices falling.
Jhánsi („ 28th)	Average 3·10	Weather still cloudy; the crops are in a flourishing state, except in pargana Moth, where the *kharif* crops in *mar* soil are suffering somewhat for want of fine weather; rain of last week has done good generally to *kharif* crops and greatly facilitated the bringing of land under *rabi* cultivation; prices falling; supplies sufficient; cholera still continues in pargana Mau and Garotha; cattle-disease reported from pargana Jhánsi.
Agra („ 29th)	Rain in all parganas from ·60 to 7·10.	Slight fever continues, but general health good; prices stationary.
Bareilly („ „)	Rains continue steady	Cholera still bad at Aonla, abating in Bareilly, 1 case in the European Infantry lines.
Meerut („ 26th)	·80; Hapur, ·40; Bagpat ·60; Ghaziabad 2·70.	Weather seasonable; crops thoroughly revived and prospects good; fever reported from all tahsils; supplies sufficient; prices easier.
Farukhabad („ 29th)	General rain	Prospects now satisfactory; prices slightly lower; health fairly good; no sickness, except slight fever.
Kumaun („ „)	1·20	Crops very good; health good; cattle-disease continues in parts; prices stationary.
Rae Bareli ...	2·90; Digbijaiganj, 1·50; Salon, 3·30.	Cholera still hanging about, but on the decrease; cattle-disease in some villages of tahsil Dalmau; agricultural prospects fair; prices steady.
Lucknow (Aug. 29th)	1·80; Maliabad, 2·00; Mohanlalganj, ·60.	Crops much benefited by the rainfall of the 22nd and 25th; more rain wanted to improve the paddy in tahsil Mohanlalganj; prices steady; cholera decreasing.
Partabgarh („ „)	Good rain at Kunda; heavy showers this morning at Sadr.	Prices falling; *makka* sown and *kakoon* being cut; cattle-disease in pargana Atteha and at Patti; cholera has decreased considerably.
Sitapur („ „)	Average 1·10	Rice suffering somewhat in Misrik and part of Biswan; cholera abating; traces of cattle-disease in Misrik; prices slightly fallen.
Cawnpore („ „)	Average 3·90	Rain very beneficial to all crops; prospects excellent; weather still cloudy; cholera decreasing; prices slightly fallen.
Fyzabad („ „)	1·90; Akbarpur 1·20; Bikapure, 1·80; Tanda, 4·20.	Rain has greatly benefited all crops; prospects good; slight cholera in part of district.
		General Remarks.—Good rain throughout the province and prospects good everywhere, except that more rain would still be beneficial for rice in Lucknow and Moradabad; prices generally falling; cholera decreasing, except in parts of Moradabad and Bareilly; the usual autumnal fever has appeared, but is of a mild character; cattle-disease continues in Oudh, Jhánsi, and Kumaun, but is decreasing in Saharanpur.
Punjab—(Aug. 30th)		
Delhi ...	·30	Health fair; prices stationary.
Hissar ...	·30	Health good; prices falling.
Umballa ...	·30	Crops suffering for want of more rain; health good; prices stationary.
Jullundur ...	1·60	Health good; prices falling.
Amritsar ...	·20	Health good; prices slightly falling.
Sialkot ...	·50	Health good; prices rising; more rain wanted.
Lahore ...	1·0	More rain expected; health good; prices stationary.
Ferozepore ...	1·0	Health good; prices stationary; state of crops improved.
Mooltan ...	·60	Fever prevalent; prices stationary.
Rawalpindi ...	·40	Cattle-disease continues; prices stationary.
Dera Ismail Khan ...	No rain	Fever prevalent; prospects good; prices steady.
Peshawar ...	Rain needed	Prospects are good; health good; prices steady.
		General Remarks.—Rain has been general throughout the province, except in the Dera Ismail Khan and Peshawar districts; more rain is needed in the Umballa, Sialkot, and Peshawar districts; with the exception of two or three districts where fever prevails, the health of the province continues to be good; prices of food-grains are rising in the Sialkot district, and falling slightly in the Hissar, Jullundur, and Amritsar districts; prices in the other districts are stationary.
British Burma—(Aug. 26th)		
Akyab ...	8·72	Total rainfall 171·41 inches; slight cholera in three townships and 7 deaths from small-pox in one township, otherwise public health good; cattle-disease severe in one township; prospects of crops good.
Rangoon ...	2·10	Total rainfall 61·31; public health good; crops progressing favourably.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
British Burma—*contd.*		
Bassein ...	3·19	Total rainfall 90·97 ; public health good ; 12 deaths from cattle-disease in one township ; ploughing and transplanting continue ; planted paddy looking well.
Prome ...	3·14	Total rainfall 30·88 inches ; 5 deaths from cholera reported from district, otherwise public health good ; more rain has fallen, and harvest prospects are better.
Amherst (Moulmein) ...	3·40	Total rainfall 156·33 inches ; public health good, both in Moulmein and district ; cattle-disease continues in three townships ; resowing still going on.
Toungoo (Aug. 19th)	7·23	Total 60·29 inches ; 3 cases and 1 death from small-pox in town, otherwise public health good ; 13 deaths from cattle-disease in one township.
Ditto („ 26th)	6·74	Total rainfall 67·03 ; 4 cases and 2 deaths from sporadic cholera in one township, otherwise public health good.
		General Remarks.—Cholera in Tharrawaddy and a few cases in three or four other districts, otherwise public health good ; cattle-disease continues ; reports of crops generally satisfactory.
Assam (Aug. 30th)		
Gauhati ...	·62	Weather seasonable ; transplantation in progress ; prospects of crops and public health fair.
Sylhet ...	12·76	State and prospects of crops good ; public health also good.
Cachar ...	4·38	Weather rainy ; more than half of *sali* crops transplanted ; reaping of *dumahi* and *mgrali* crops continues ; prospects of tea good ; common rice 21 $\frac{5}{16}$ seers per rupee ; 1 case of cholera from Lakhimpur, 2 from Sadr reported.
Dibrugarh ...	6·36	Weather rainy ; transplanting *sali* paddy ; *aus* paddy harvested ; cattle-disease still reported ; public health good.
Mysore and Coorg—(Aug. 30th)		
Bangalore ...	2·56	Standing crops thriving.
Mysore ...	2·12	Standing crops in good condition.
Mercara ...	·73	Break in the monsoon continues ; transplanting rice nearly completed ; prospects of season and health good ; prices stationary.
		General Remarks.—Rain has been general throughout the Mysore. State, in Kolar 2·66, in Shimoga ·38 ; crops in good condition ; sowing of *cholum, kar, ragi,* horse-gram, and other seeds in active progress ; prospects favourable ; public health good ; prices ; satisfactory.
Berar & Hyderabad—(Aug. 30th)		
Amráoti ...	1·30	Crops in good condition ; prices—wheat 16 and *juar* 28 seers per rupee.
Akola ...	.....	Rain wanted ; crops doing well.
Hyderabad	1·26	Total rainfall from 1st January 17·11 ; *kharif* crops benefited by rainfall, and are thriving ; rain urgently needed in the Merchall taluk, where there has been no rain during this week ; *abi* sowings continue ; fever prevalent in one taluk and cattle-disease in another ; prices—wheat 15½, coarse rice 10½, white *juari* 25¼, yellow *juari* 30¼, and *tur* 25½ seers per current sicca rupee.
Central India States—(Aug. 30th)		
Indore ...	·30	Prospects continue favourable, except in the city, where cholera has not yet disappeared ; health is good.
Morar (Gwalior) ...	5·19	Health and prospects good.
Sutna ...	2·79	
Neemuch ...	2·70	Public health good ; crops thriving.
Goona ...	6·32	Crops and health good ; wheat 20 seers per rupee.
Bhopal ...	5·56	Prospects good ; cholera still at Bhopal.
Agar ...	No rain	Prospects good ; cholera still in the district, but not generally prevalent.
Nowgong ...	2·67	*Kharif* prospects good ; weather seasonable ; health good ; some cases cholera in cantonments ; prices stationary.
Manpur ...	Occasional slight showers.	Ploughing of land for *rabi* continues.
Rajputana—		
Abu (Aug. 30th)	3·87	Weather cloudy, occasionally clear.
Sirohi („ 27th)	.....	Tanks, wells, and health good ; rain much needed for crops ; weather cloudy.
Marwar („ 25th)	1·0	Four months' water in tanks ; health good ; prospects much improved ; weather cloudy ; prices falling.
Meywar („ 26th)	.....	Tanks and wells good ; health fair ; prospects very good ; sky cloudy ; more rain needed.
Harowti („ „)	Deoli, 4·87 ; Tonk, 9·73	Indian-corn damaged by excessive rain ; cholera reappearing in Tonk since 25th, 10 cases and 5 deaths reported.
Jhallawar („ 23rd)	1·71	Health and prospects good.
Ajmere („ 29th)	3·92	Seasonable rain during last week throughout the district ; fine weather now wanted ; prospects excellent ; health good.
Jeypore („ „)	3·51	Prospects fair ; deaths from cholera in Jeypore city, daily average 5.
Ulwur („ „)	1·73	Rain has done much good ; prices falling ; prospects good ; health fair.
Nepal—		
Katmandu (Aug. 17th)	1·11	Weather cool, cloudy ; occasional thunder showers ; outturn of Indian-corn moderate ; prospects of rice good.

E. C. BUCK,
Secy. to the Govt. of India.

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GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

IRON WORKS IN RANIGANJ.

Nos. 1-2C.I., dated Simla, 1st September 1882.

Read—

Government of India, Department of Finance and Commerce, Resolution No. 2899, dated 4th August 1882.

OBSERVATIONS.—The Government of India having lately had under consideration an application from a Calcutta firm, representing certain iron matters in England, enquiring what quantity of manufactured iron Government of India would be prepared to take annually from any Company purchasing the Raniganj Iron Works and at what prices, deem it advisable to notify the views on the subject for general information.

2. The Government of India are not disposed to part with the Iron Works in question to any Company which is not in command of a capital of from 40 to 50 lakhs of rupees, and which does not contemplate the manufacture of wrought iron and steel as well as castings. They are moreover not prepared to bind themselves to purchase from the Works more than from 12,000 to 15,000 tons of iron and steel annually for ten years, in the proportions of—

	Percentage.
Steel	30
Cast iron	60
Wrought iron	10
	100

3. It is however probable that a larger quantity would be required until other iron works have been established in other parts of India.

4. The quantity specified is based on a calculation of the average annual consumption of the territory to the north and east of the East Indian Railway from Calcutta to Mogul Serai, which area it is considered the Iron Works at Raniganj might permanently command, irrespective of any foundries that might eventually be established in the Central Provinces and Upper India.

5. In addition to the above, the Raniganj Iron Works Company would have such custom as it could secure from guaranteed subsidised and private Railway Companies and from the general public for the supply of such articles as roof-girders, railings, water pipes ; but in view of the prospect of iron works being opened in other parts of the Empire, such custom would probably not extend permanently much beyond the area above indicated.

6. With regard to price, it is considered that the promoters of any Company should propose to the Government of India the rates at which it would be prepared to undertake contracts for the supply of its manufactures.

7. The rates proposed should consist of a fixed English price *plus* average freight payable in England in sterling, or in India, if the Company should prefer it, after conversion at the current rate of exchange at the time of payment ; also perhaps an addition of Rs. 5 per ton payable in India for Railway freight between Calcutta and the foundry.

ORDER.—Ordered, that copy of this Resolution be forwarded to the Government of Bengal in the Public Works Department for information and guidance ; also that copy be published in the *Gazette of India* for general information.

W. S. TREVOR, *Colonel, R.E.,*
Secretary to the Government of India.

SUPPLEMENT TO

The Gazette of India.

No 36.} CALCUTTA, SATURDAY, SEPTEMBER 9, 1882.

OFFICIAL PAPERS.

A SUPPLEMENT *to the* GAZETTE OF INDIA *will be published from time to time, containing such Official Papers and information as the Government of India may deem to be of interest to the Public, and such as may usefully be made known.*

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GOVERNMENT OF INDIA.

DEPARTMENT OF FINANCE AND COMMERCE.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT INDIA FOR THE 1st HALF OF AUGUST 1882.

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

Provinces.	Districts.	Wheat.			Barley.			Rice (best sort).			Rice (common).			Great Millet (Cholum, Jowar), *Holcus Sorghum.*			Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.*			Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Coraloo, Murnwa, Nuglee), *Panicum Miliaceum, &c.*			Gram.			Firewood.			Salt. Wholesale.			Salt. Retail.			Districts.	Provinces.
		Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.		
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.		
MADRAS.	Ganjam	7 6	8 13	11 13*	...	...	...	17 13	17 13	17 13	19 8	19 8	19 8	...	...	...	...	...	...	35 3	35 3	32 3	26 10	26 10	33 5	215 13	215 13	215 13	...	...	...	13 13	13 13	11 6	Ganjam	MADRAS.
	Vizagapatam	10 0	10 0	13 0	...	...	...	9 0	9 0	13 6	11 5	11 5	14 11	...	21 10	25 14	22 13	20 13	25 13	25 5	26 5	26 5	23 6	25 11	28 2	93 5	93 5	87 8	15 3	15 3	11 11	14 0	14 10	10 8	Vizagapatam	
	Godavery	11 11	12 10	12 10	...	...	...	13 14	13 14	13 14	17 0	17 0	17 0	28 13	26 13	23 0	...	...	...	29 2	29 2	36 6	26 3	26 3	33 10	194 6	194 6	194 6	14 10	14 10	12 8	14 10	14 10	12 8	Godavery	
	Kistna	12 3	13 3	13 11	...	...	...	15 11	16 3	16 3	16 5	16 13	16 13	24 14	24 14	28 10	...	...	...	32 5	35 3	38 3	21 11	21 11	29 10	145 13	145 13	145 13	16 5	16 5	13 2	15 11	15 11	12 14	Kistna	
	Nellore	12 10	13 3	12 3	...	...	...	15 13	15 13	14 5	17 0	17 8	15 0	29 11	33 10	28 13	...	...	...	32 13	36 6	30 14	22 2	23 2	24 3	186 10	186 10	93 5	15 6	14 13	13 3	14 13	14 13	12 11	Nellore	
	Cuddapah	12 8	12 8	14 6	...	...	...	11 14	11 14	12 6	13 11	13 11	13 5	26 0	26 0	30 0	31 14	31 14	32 10	31 8	31 8	33 0	29 3	29 3	34 6	194 6	194 6	194 6	17 2	17 2	14 6	16 10	16 10	13 14	Cuddapah	
	Anantapur	13 6	14 6	11 8	...	...	...	12 13	13 14	13 14	15 2	15 2	15 2	30 14	30 14	31 14	18 13	18 13	18 13	31 0	31 0	34 14	31 5	31 5	35 13	...	...	...	14 5	14 5	11 14	14 5	14 5	11 14	Anantapur	
	Bellary	15 5	14 6	15 13	...	...	...	12 5	12 5	11 3	13 8	13 8	12 6	55 0	33 0	35 0	22 10	24 6	31 0	31 0	27 3	32 0	29 2	28 0	32 8	97 3	97 3	97 3	15 11	15 3	13 6	15 6	14 13	13 2	Bellary	
	Kurnool	12 6	12 11	11 6	...	...	...	10 10	11 6	10 10	11 6	12 2	11 6	31 8	30 2	32 14	23 2	22 8	28 11	29 10	29 10	...	26 3	26 3	28 8	190 8	198 3	202 11	14 13	14 13	12 8	14 6	14 6	12 2	Kurnool	
	Madras	9 13	10 2	9 8	...	...	...	13 5	13 5	13 5	15 2	15 2	14 8	23 0	24 8	20 3	25 0	25 0	22 6	28 0	28 0	26 11	24 10	24 10	26 8	81 6	81 6	81 6	16 11	16 11	14 6	16 3	16 3	13 14	Madras	
	Chingleput	...	...	...	...	...	...	13 8	15 0	13 8	15 2	15 14	15 2	...	...	...	...	...	...	27 6	27 6	24 11	24 10	23 6	26 8	92 5	92 5	77 13	17 5	17 5	14 5	17 0	17 0	13 14	Chingleput	
	North Arcot	10 8	10 8	11 0	...	...	...	14 6	15 0	14 0	16 14	16 14	15 0	34 10	30 14	27 5	28 2	27 3	28 2	33 5	34 3	29 14	24 10	24 10	29 10	110 0	140 0	140 0	19 5	19 5	15 5	18 14	18 14	14 13	North Arcot	
	South Arcot	9 0	9 6	9 6	...	...	...	15 11	15 11	13 14	16 3	16 10	14 14	...	...	...	28 8	27 11	23 10	30 8	30 3	28 14	30 3	30 3	27 0	201 11	201 11	199 5	19 5	19 5	15 5	15 10	15 10	12 14	South Arcot	
	Tanjore	9 10	10 5	10 11	...	...	...	15 13	16 3*	14 2	...	...	...	28 10	34 3	25 6	26 3	30 6	27 10	28 0	28 0	28 14	26 5	26 5	26 5	194 6	194 6	194 6	15 10	15 10	12 14	15 10	15 3	12 14	Tanjore	
	Trichinopoly	8 8	...	11 3	...	...	...	14 0	13 11	13 5	14 8	14 2	14 2	26 10	25 3	25 3	24 2	25 6	25 6	28 13	27 8	28 13	30 13	33 14	30 0	97 3	97 3	97 3	17 13	17 13	13 6*	17 0	17 0	12 10	Trichinopoly	
	Madura	11 5	11 11	10 8	...	...	...	15 2	15 8	13 0	15 10	16 0	13 8	31 10	31 10	30 13	30 14	30 14	26 8	33 5	31 0	29 8	34 11	34 11	30 5	170 2	145 13	97 3	16 13	17 5	15 0	16 6	16 13	14 0	Madura	
	Tinnevelly	8 0	9 3	8 14	...	...	...	15 6	15 8	11 2	15 13	16 0	12 6	...	...	...	...	...	...	...	...	...	27 5	29 11	27 8	81 10	81 10	81 10	18 11	18 11	14 13	16 5	16 5	14 5	Tinnevelly	
	Coimbatore	11 8	10 11	13 2	...	...	...	13 2	13 8	12 10	14 8	14 8	13 10	27 13	26 2	27 13	35 0	28 10	27 0	27 14	27 14	32 13	31 5	31 5	36 2	131 3	131 3	131 3	14 10	14 2	12 3	14 2	13 10	11 11	Coimbatore	
	Nilgiris	9 14	9 14	9 14	...	...	...	10 6	9 10	10 6	11 3	11 3	11 3	24 10	23 2*	20 0	22 6	22 6	19 10	20 3	20 13	15 13	20 11	20 11	22 6	161 13	161 13	121 8	11 0	11 0	9 3	11 0	11 0	9 3	Nilgiris	
	Salem	11 14	12 11	13 10	...	...	...	14 0	14 0	14 0	15 0	15 0	16 0	29 2	29 2	27 5	24 10	19 11	26 3	29 14	30 6	33 8	33 8	33 8	39 6	151 10	151 10	151 10	18 0	18 0	14 5	16 13	16 13*	13 5	Salem	
	South Canara	8 10	8 10	9 14	...	...	...	9 8	9 8	8 11	11 13	11 13	14 11	...	...	...	...	...	...	19 6	19 6	22 0	20 3	21 3	22 3	116 6	116 6	109 5	11 5	11 0	12 2	10 8	10 0	11 5	South Canara	
	Malabar	7 3	7 3	9 6	...	...	...	13 13	13 5	13 13	14 8	13 13	15 3	...	...	...	...	...	...	21 14	21 14	21 14	25 3	25 3	31 2	121 8	121 8	121 8	13 8	13 8	10 13	12 10	12 10	9 14	Malabar	
BOMBAY.	Bombay	9 13	10 9	21 9	17 13	16 5	16 14	7 8	7 8	7 4	10 7	10 16	13 10	18 6	20 0	21 12	14 15	15 15	15 19	14 12	18 0	12 6	14 14	15 15	18 2	62 6	61 7	61 6	16 12	14 6	12 9	14 6	14 6	12 9	Bombay	BOMBAY.
	Ahmedabad	13 0	13 8	16 0	...	...	23 8	7 8	7 0	7 0	8 0	8 0	12 0	17 0	17 0	24 0	16 8	16 8	23 0	...	...	...	20 0	20 0	22 0	80 0	80 0	80 0	16 8	16 8	13 4	16 0	16 0	13 0	Ahmedabad	
	Kaira	11 13	13 5	14 9	20 0	20 0	32 0	10 0	10 0	9 6	16 0	16 0	11 9	17 12	20 0	20 0	15 4	16 0	20 0	...	...	...	20 0	22 14	21 5	80 0	80 0	80 0	...	...	...	16 0	16 0	12 13	Kaira	
	Surat	12 8	12 8	13 10	7 11	7 11	12 4	8 3	8 3	6 13	8 12	8 12	8 5	15 9	15 9	18 13	14 14	14 14	17 13	...	...	...	16 0	16 0	17 13	80 0	80 0	80 0	13 9	13 9	11 7	13 9	13 9	11 7	Surat	
	Broach	12 5	12 5	16 0	...	...	...	9 6½	9 6½	8 14½	12 9	12 9	12 4½	15 4	15 4	18 13	13 10	13 10	18 13	...	...	...	16 0	16 0	20 0	106 0	106 0	106 0	15 4	15 4	12 12½	15 4	15 4	12 12½	Broach	
	Tanna (Salsette)	10 5	9 12	11 11	...	...	...	8 3	8 3	7 3	10 0	10 0	11 4	18 10	18 10	18 10	15 0	15 0	18 0	25 11	25 11	15 4	14 15	14 15	17 3	71 1	71 1	71 1	14 5	14 5	11 7	13 13	13 12	12 10	Tanna (Salsette)	
	Colába (Alibág)	8 8	10 0	10 0	...	...	...	6 12	7 0	6 12	13 8	13 0	13 8	...	...	...	...	...	...	...	...	...	15 11½	17 1	26 15	140 0	140 0	140 0	14 2	14 2	12 2	14 0	14 0	12 0	Khandesh (Dhulia)	
	Khandesh (Dhulia)	15 0	14 2	18 8½	...	...	...	7 4	7 4	7 4	10 15	10 15	10 15	23 13	23 13	34 0	19 18	18 14	26 9	27 9	30 0	25 8	17 0	18 0	23 12	128 0	128 0	115 0	14 8	14 8	12 14	14 4	14 4	12 12	Násik	
	Násik	14 4	15 8	16 0	...	...	...	7 7	7 7	7 7	12 0	12 0	11 14	...	...	...	21 4	19 12	19 6	...	...	...	19 0	19 12	24 14	91 5	91 5	98 4	14 9	14 9	10 13	14 7	14 7	10 11	Ahmednagar	
	Ahmednagar	13 13	13 12	15 14	...	...	...	10 5	9 7	8 8½	12 3	12 5	10 8½	31 4	31 5	35 8	24 7	24 1	28 0	...	...	...	17 4	17 4	18 6	68 0	68 0	76 0	12 8	13 1	11 6	12 4	12 13	11 2	Poona	
	Poona	12 10	12 10	13 13	...	...	...	11 0	11 0	9 3	12 4	12 4	11 0	23 15	23 15	26 2	18 6	18 6	18 6	...	...	...	18 11	18 11	25 9	80 0	80 0	91 0	13 8	13 8	12 0	12 8	12 8	11 2	Sholápur	
	Sholápur	13 2	12 11	18 1	...	...	...	10 5	10 11	11 7	11 5	11 8	12 4	34 15	35 6	35 6	24 13	24 13	30 11	...	...	...	13 0	14 0	17 12	130 0	130 0	112 0	12 0	12 0	11 3	10 0	11 0	11 0	Kaládgi (Bagalkot)	
	Kaládgi (Bagalkot)	21 0	19 0	16 12	14 8	14 8	15 12	6 8	6 8	7 12	9 0	9 0	10 8	38 0	35 0	25 0	32 0	31 0	25 0	...	...	...	15 10	15 10	16 14	110 15	110 15	116 8	12 6	12 6	10 9	11 10	11 10	10 0	Satara	
	Satara	12 1	12 1	14 11	...	...	...	9 11	9 11	9 5	11 7	11 7	11 7	26 10	26 10	26 10	22 0	22 0	23 15	27 9	30 0	25 8	17 0	18 0	23 13	128 0	128 0	115 0	14 8	14 8	12 14	14 4	14 4	12 12	Násik	
	Belgaum	19 0	19 0	18 0	13 0	13 0	11 0	10 0	9 8	11 0	10 8	10 0	11 8	27 0	27 0	28 0	24 0	24 0	30 0	...	...	...	19 0	19 12	24 14	91 5	91 5	98 4	14 9	14 9	10 13	14 7	14 7	10 11	Ahmednagar	
	Dharwar (Hubli)	23 0	23 0	21 0	...	...	...	11 0	11 0	12 0	14 0	13 0	15 0	28 0	26 0	36 0	23 0	23 0	35 0	...	...	...	17 4	17 4	18 6	68 0	68 0	76 0	12 8	13 1	11 6	12 4	12 13	11 2	Poona	
	Ratnágiri	10 9	10 9	10 9	...	...	...	7 13	7 13	9 15	12 11	12 11	12 11	18 3	18 3	20 13	14 11	14 14	15 15	...	...	...	18 11	18 11	25 9	80 0	80 0	91 0	13 8	13 8	12 0	12 8	12 8	11 2	Sholápur	
	Kanara (Karwar)	10 8	9 0	12 11	...	...	...	8 0	8 0	8 0	11 0	11 8	14 11	14 0	16 0	21 11	...	...	...	...	...	...	13 0	14 0	17 12	130 0	130 0	112 0	12 0	12 0	11 3	10 0	11 0	11 0	Kaládgi (Bagalkot)	
	Panch Mahals (Godhra)	11 6	11 6	13 5	...	...	...	11 6	11 6	11 6	15 0	15 0	15 0	25 0	22 8	40 0	16 0	16 0	24 0	23 0	23 0	40 0	25 0	25 0	32 0	200 0	200 0	200 0	16 0	...	...	15 4	15 4	11 6	Panch Mahals (Godhra)	
	Aden	8 0	8 0	8 0	...	...	...	6 3	6 3	6 3	7 0	7 0	7 0	11 3	11 3	9 5	8 0	9 5	8 0	...	...	...	9 5	9 5	9 5	65 5	65 5	65 5	...	...	...	32 0	32 0	32 0	Aden	
	Asirgarh	13 7	13 12	16 4	...	...	...	10 15	11 1	10 0	12 3	11 12	12 0	24 0	22 14	40 0	23 9	24 0	30 0	...	...	...	19 2	19 8	26 0	160 0	160 0	160 0	...	...	...	32 0	32 0	32 0	Asirgarh	
	Baroda	10 9¾	10 4½	11 7	14 2	14 10½	17 11	10 9¾	9 2	7 11	12 0	11 6	11 7	17 10	16 7	...	15 14	14 10½	18 14	...	...	...	17 10	17 10	20 9	84 4	82 4	86 0	14 11½	14 11½	12 0	14 10½	14 10½	12 0	Baroda	
	Disa	14 8	13 13	15 8	...	...	23 8	6 6	6 6	6 8	8 11	8 11	8 8	17 8	17 8	24 0	17 0	16 8	23 0	...	...	...	19 8	18 8	20 0	160 0	160 0	140 0	...	...	11 0	11 0	11 0	8 8	Disa	
	Nimach	15 0	15 0	18 0	18 0	18 0	22 0	9 0	8 12	7 8	10 0	10 0	9 0	20 0	19 8	22 0	11 0	11 0	16 0	...	...	...	22 1¾	22 10	21 10	80 0	81 9	75 0	16 6½	16 6½	...	16 0	16 0	12 0	Nimach	
	Nasirabad	16 0	16 2½	16 8	23 0	22 12½	23 2½	6 0	6 0	6 0	7 0	7 0	7 0	24 11½	23 3½	27 0	16 14	16 2½	19 0	...	...	...	17 12	16 14	27 0	72 0	73 8	72 8	55 0	55 0	45 0	48 0	48 0	...	Nasirabad	
	Rájkot	13 4	13 2	17 8	...	...	...	6 8	6 8	5 8	11 0	11 0	10 4	15 8	14 15	27 0	14 0	13 7	22 8	...	...	...	19 0	20 0	18 0	160 0	160 0	160 0	10 5	12 5	10 10½	10 0	12 4	10 0	Rájkot	
	Upper Sindh Frontier	13 0	14 5	12 0	25 4	26 0	17 8	11 4	11 4	9 0	20 0	20 0	13 0	32 0	32 0	29 4	26 0	28 0	...	40 0	40 0	...	17 0	17 0	20 0	105 0	105 0	103 0	17 13	17 13	14 3	17 0	17 0	14 0	Upper Sindh Frontier	
	Karachi	12 5	12 5	11 8	21 8	21 8	16 0	9 8	9 8	8 8	18 0	17 0	12 0	22 0	22 0	19 0	18 0	18 0	18 0	11 0	11 0	9 8	12 0	11 0	11 0	480 0	480 0	320 0	14 0	14 0	11 8	14 0	14 0	11 0	Karachi	
	Haidarabad (Nakur)	14 0	16 0	15 0	26 0	26 0	20 0	13 0	12 0	11 4	16 0	21 0	16 0	30 0	26 0	22 0	26 0	25 0	22 0	...	...	...	18 14	19 11	18 1	270 0	280 0	260 0	9 2	14 0	11 5	9 0	13 8	11 3	Haidarabad (Nakur)	
	Shikarpur	12 8½	14 0	11 8	25 5	24 8½	19 1	12 0	13	2¼	10 0	18 0	20 0	16 0	28 5	30 4	18 0	26 9	29 2	21 4	18 0	17 12	16 0	...	...	160 0	160 0	160 0	11 5	10 15	9 10	11 5	10 15	9 10	Shikarpur	
	Thar and Parkar (Umarkot)	18 0	17 12	16 0	...	...	...	...	...	...	13 4	13 4	9 4	...	...	...	19 11	18 4	16 1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Thar and Parkar (Umarkot)	
	Western Districts.																												Prices per md. of 40 seers.						*Western Districts.*	
																													Rs. A. P.	Rs. A. P.	Rs. A. P.					
BENGAL.	Burdwan	13 0d	14 0	13 0	32 8	30 0	30 4	23 4	24 0	24 12	25 4	26 8	30 0	...	...	...	...	...	...	...	...	...	20 0	20 0	25 0	120 0	120 0	80 0	2 15 0	2 15 0	...	13 8	13 8	10 0	Burdwan	BENGAL.
	Bancoorah	13 8d	13 8	14 0	15 0	15 0	17 0	20 0	22 8	23 12	24 0	29 0	40 0	...	...	...	...	...	...	...	...	...	18 0	18 0	20 0	240 0	240 0	240 0	3 3 0	3 3 0	...	12 0	12 0	9 0	Bancoorah	
	Beerbhoom	13 0e	13 4	15 0	...	...	...	18 0	18 12	22 0	19 8	24 0	29 0	...	...	...	...	...	...	...	...	...	19 8	20 0	23 8	170 0	180 0	160 0	3 10 0	3 7 0	...	10 8	11 8	9 0	Beerbhoom	
	Midnapore	14 0d	14 0	15 0	...	...	...	20 0	21 0	20 0	24 0	24 8	30 0	...	...	...	...	...	...	...	...	...	17 0	17 0	20 0	160 0	160 0	160 0	2 13 0	2 13 0	...	13 8	13 8	9 0	Midnapore	
	Hooghly	15 0e	18 0	15 0	...	...	...	10 0	10 0	10 0	19 0	19 0	21 0	...	...	...	...	...	...	...	...	...	20 0	20 0	22 0	120 0	120 0	100 0	2 14 0	2 14 0	3 12 0	13 9	13 9	9 0	Hooghly	
	Howrah	13 4	13 4	15 0	...	...	...	16 0	16 0	16 0	18 12	19 8	20 8	...	...	...	...	...	...	...	...	...	20 0	19 8	21 8	80 0	80 0	80 0	2 14 0	3 0 0	3 14 0	13 0	13 0	...	Howrah	

* The figures now given are correct.

a In the sub-divisions retail prices of salt are as follow:—Cutwa 11-8 seers and Rauegunge 13-4 seers.

b Retail prices of salt at Rampore and Chatna 12 seers, at Onda and Indas 10 seers, and at Mejia, Bishenpore, and Sonamukhi 13 seers.

c In the interior retail prices of salt range from 10 to 14 seers.

d Retail price of salt at Contai is 12 seers.

e Retail price of salt at Babugunge, Jhukrapota, and Balor 13-9 seers, Serampore 13 seers, Chanditola 12-8 seers, Baidyabati 14 seers, Bhuddessur 14-8 seer, and Jehanabad 13-8 seers.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT INDIA FOR THE 1st HALF OF AUGUST 1882—*continued.*

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

Districts.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholum, Jowar), *Holcus Sorghum.* Present fortnight.	Great Millet (Cholum, Jowar), *Holcus Sorghum.* Past fortnight.	Great Millet (Cholum, Jowar), *Holcus Sorghum.* Corresponding fortnight of 1881.	Bulrush Millet (Cumboo, Baira), *Penicillaria Spicata.* Present fortnight.	Bulrush Millet (Cumboo, Baira), *Penicillaria Spicata.* Past fortnight.	Bulrush Millet (Cumboo, Baira), *Penicillaria Spicata.* Corresponding fortnight of 1881.	Districts.
	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	
Central Districts.																			*Central Districts.*
Calcutta	13 5	13 5	13 14	26 8	21 5	32 0	10 0	10 0	8 0	20 0	20 0	16 0	...	...	...	...	...	...	Calcutta
24-Pergunnahs	12 9*f*	11 12	12 12	20 0	20 0	26 8	9 8	9 0	10 0	17 8	16 0	19 0	...	20 0	...	...	...	...	24-Pergunnahs
Nuddea	14 8*g*	14 8	16 0	...	26 0	40 0	16 0	16 13	17 4	19 6	20 0	20 0	...	...	...	...	...	...	Nuddea
Khoolna	...*h*	...	...	...	...	...	16 0	16 0	17 0	22 0	22 0	21 0	...	...	...	...	...	...	Khoolna
Jessore	14 8*i*	14 0	14 0	...	...	...	14 12	17 0	21 0	23 8	22 0	29 0	...	...	...	...	...	...	Jessore
Moorshedabad	14 8*j*	15 0	18 0	...	...	...	14 8	16 0	18 0	20 0	24 0	26 0	...	...	...	...	...	...	Moorshedabad
Dinagepore	14 0*k*	11 0	15 8	16 0	17 0	26 8	18 0	16 0	21 8	19 4	19 3	29 0	...	...	...	...	...	...	Dinagepore
Rajshahye	13 8*l* to 15 0	13 8 to 15 0	22 0	32 0	45 0	49 0	12 0 to 17 4	15 0 to 19 0	19 12 to 21 8	18 0 to 21 0	19 4 to 21 0	25 8	...	...	...	...	...	...	Rajshahye
Rungpore	16 0*m*	16 0	16 5	...	...	...	16 0	16 0	15 0	21 8	19 0	20 0	...	...	...	...	...	...	Rungpore
Bogra	15 0	16 8	24 0	...	...	...	13 8	15 12	19 12	26 4	26 4	30 0	...	...	...	...	...	...	Bogra
Pubna	16 0*n*	17 0	23 0	...	...	...	10 0	10 0	12 0	25 0	26 4	26 4	...	...	...	...	...	...	Pubna
Darjeeling	11 0*o*	8 0	8 0	10 0	8 0	8 0	5 0	5 0	5 0	13 0	13 0	14 0	...	...	...	...	...	...	Darjeeling
Jalpáiguri	10 0*p*	9 0	10 0	20 0	20 0	...	14 0	14 0	13 5	20 0	18 0	21 0	...	...	...	...	...	...	Jalpáiguri
Eastern Districts.																			*Eastern Districts.*
Dacca	13 5*q*	13 5	14 8	40 0	40 0	40 0	25 0	29 0	25 0	33 12	32 0	35 0	...	...	...	...	...	...	Dacca
Furreedpore	22 0*r*	22 0	21 0	30 8	35 0	32 0	23 0	22 0	7 8	24 8	24 0	26 8	...	...	...	...	...	...	Furreedpore
Backergunge	...*s*	...	...	...	...	...	19 0	20 0	20 0	23 0	24 0	30 0	...	...	...	...	...	...	Backergunge
Mymensingh	10 0*t*	10 8	13 0	...	...	...	22 0	22 0	23 0	29 0	30 0	27 0	...	...	...	...	...	...	Mymensingh
Tipperah	11 8*u*	11 8	14 0	...	...	...	23 0	22 8	22 8	28 8	28 0	34 8	...	...	...	...	...	...	Tipperah
Chittagong	9 0*v*	9 0	12 4	...	...	...	16 0	16 0	14 0	26 0	25 0	24 0	...	...	...	...	...	...	Chittagong
Noakholly	...*w*	...	...	...	...	...	26 0	26 0	24 0	28 0	28 0	29 0	...	...	...	...	...	...	Noakholly
Chittagong Hill Tracts	...	...	...	...	...	...	13 5	13 5	16 0	17 12	17 12	17 8	...	...	...	...	...	...	Chittagong Hill Tracts
Hill Tipperah	11 0	11 0	12 0	...	...	...	22 0	22 0	28 0	28 0	29 0	38 0	...	...	...	...	...	...	Hill Tipperah
Behar.																			*Behar.*
Patna	18 8	18 8	19 0	34 0	34 0	37 8	12 0	12 0	14 0	22 0	22 0	22 0	...	...	...	...	...	...	Patna
Gya	17 0*x*	17 8	19 0	27 0	29 0	37 0	12 0	12 8	12 8	18 0	18 8	20 0	...	...	...	...	...	...	Gya
Shahabad	15 0*y* to 17 0	14 8 to 16 0	16 8 to 18 8	23 0	25 0	35 0	16 0 to 18 0	16 0 to 19 0	18 8 to 20 8	19 0	20 8	22 0 to 22 8	...	...	...	...	...	...	Shahabad
Durbhunga	15 0*z*	14 0	17 0	33 0	32 8	33 0	14 8	14 8	14 8	17 0	17 0	20 0	...	...	...	...	...	...	Durbhunga
Mozufferpore	16 0*z1*	16 0	20 0	30 0	30 0	40 0	11 0	11 0	11 0	16 0	15 0	19 0	...	...	...	...	...	...	Mozufferpore
Sarun	14 8	15 0	17 0	24 0	27 0	41 0	9 0	10 0	10 8	18 0	20 0	22 8	26 0	30 0	40 0	...	...	...	Sarun
Chumparun	18 0*z2*	18 0	22 0	31 0	35 0	49 0	12 0	12 0	14 0	18 0	19 0	22 0	...	...	...	...	...	...	Chumparun
Monghyr	15 12*z3*	15 12	17 13	31 8	31 8	39 14	16 13	14 10	15 12	18 14	18 14	19 15	...	...	...	...	...	...	Monghyr
Bhágalpur	13 14*z4*	14 8	15 2	31 9	30 4	44 7	17 11	17 11	17 11	18 15	21 7	20 8	...	...	...	...	...	...	Bhágalpur
Purneah	14 0*z5*	14 0	26 0	...	...	40 0	20 0	20 0	21 0	21 0	22 0	25 0	...	...	...	...	...	...	Purneah
Maldah	16 0	16 0	18 0	...	...	...	17 0	15 0	16 0	20 0	20 0	24 0	...	...	...	...	...	...	Maldah
Southal Pergunnahs	...*z6*	13 0	15 0	...	...	...	17 0	18 0	24 0	22 0	23 0	27 8	...	...	...	...	...	...	Southal Pergunnahs
Orissa.																			*Orissa.*
Cuttack	15 12	13 2	16 8	...	...	...	17 1	15 12	17 10	26 4	27 9	21 8	...	...	...	...	...	...	Cuttack
Pooree	11 4*z7*	10 0	17 1	...	...	...	20 0	20 0	19 11	26 4	24 0	22 5	...	...	...	...	...	...	Pooree
Balasore	14 0*z8*	16 0	16 0	...	...	...	22 0	26 0	21 0	30 0	32 0	32 0	...	...	...	...	...	...	Balasore
Chota Nagpore—South-Western Frontier Agency.																			*Chota Nagpore—South-Western Frontier Agency.*
Hazáribágh	12 0*z9*	12 0	16 8	...	...	...	10 0	10 0	12 0	18 0	18 0	18 8	...	...	...	...	...	...	Hazáribágh
Lohardugga	15 0*z10*	16 0	17 0	22 0	24 0	...	20 0	20 0	20 0	22 0	22 0	24 0	...	...	...	...	...	...	Lohardugga
Singbhoom	20 0	20 0	24 0	28 0	28 0	40 0	36 0	32 0	32 0	40 0	36 0	36 0	...	...	...	...	...	...	Singbhoom
Manbhoom	12 0*z11*	13 0	12 0	...	...	40 0	16 0	18 0	20 0	30 0	30 0	30 0	...	...	40 0	...	...	...	Manbhoom

Districts.	Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Coraloo, Murhwa, Nagiee), *Panicum Miliaceum, &c.* Present fortnight.	Lesser Millets, Ragi, &c. Past fortnight.	Lesser Millets, Ragi, &c. Corresponding fortnight of 1881.	Gram. Present fortnight.	Gram. Past fortnight.	Gram. Corresponding fortnight of 1881.	Firewood. Present fortnight.	Firewood. Past fortnight.	Firewood. Corresponding fortnight of 1881.	Salt. Wholesale prices per maund of 40 seers. Present fortnight.	Salt. Wholesale prices per maund of 40 seers. Past fortnight.	Salt. Wholesale prices per maund of 40 seers. Corresponding fortnight of 1881.	Salt. Retail. Present fortnight.	Salt. Retail. Past fortnight.	Salt. Retail. Corresponding fortnight of 1881.	Districts.
	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. A. P.	Rs. A. P.	Rs. A. P.	S. Ch.	S. Ch.	S. Ch.	
Central Districts.																*Central Districts.*
Calcutta	...	...	...	22 10	21 5	24 8	90 0	90 0	90 0	2 10 0	2 10 0	...	14 9	14 9	10 0	Calcutta
24-Pergunnahs	...	...	...	18 12	17 8	22 8	80 0	90 0	90 0	3 0 0	3 0 0	...	13 5	13 5	10 0	24-Pergunnahs
Nuddea	...	...	...	22 15	22 15	29 0	...	...	...	3 0 0	3 0 0	...	11 10½	11 10½	10 0	Nuddea
Khoolna	...	...	...	12 0	12 0	10 0	160 0	160 0	160 0	3 2 0	3 2 0	4 0 0	11 0	11 0	8 0	Khoolna
Jessore	...	...	...	16 0	16 0	22 8	120 0	120 0	110 0	3 2 0	3 2 0	...	12 0	12 8	8 0	Jessore
Moorshedabad	...	...	...	23 0	22 0	34 0	120 0	120 0	120 0	3 2 0	3 4 0	...	12 0	12 8	9 0 to 10 0	Moorshedabad
Dinagepore	...	...	...	17 8	20 0	18 0	160 0	180 0	160 0	3 3 0	3 4 0	...	12 0	12 8	9 0	Dinagepore
Rajshahye	...	...	...	18 12 to 19 11	19 4 to 21 0	31 0	320 0	240 0	240 0	3 2 0	3 5 3	...	12 12	12 0	9 3	Rajshahye
Rungpore	...	...	...	15 0	15 0	12 0	130 0	130 0	120 0	3 5 3	3 5 3	...	11 8	11 8	8 12	Rungpore
Bogra	...	...	...	15 6	15 12	22 8	67 8	67 8	67 8	3 5 4	3 5 4	...	11 4	10 8	9 0	Bogra
Pubna	...	...	...	20 0	20 0	20 0	200 0	200 0	200 0	3 3 6	3 3 6	4 6 0	12 0	12 0	9 8	Pubna
Darjeeling	8 0	8 0	9 0	10 0	9 0	10 0	160 0	160 0	160 0	4 8 0	4 8 0	6 0 0	8 0	8 0	5 0	Darjeeling
Jalpáiguri	...	...	...	16 0	16 0	13 5	128 0	128 0	65 0	3 4 0	3 4 0	...	11 0	11 0	9 0	Jalpáiguri
Eastern Districts.																*Eastern Districts.*
Dacca	...	...	...	20 0	20 0	20 0	106 8	106 8	120 0	3 3 0	3 3 0	4 2 0	12 4	12 4	9 14	Dacca
Furreedpore	...	...	...	8 0	12 0	12 0	...	...	...	2 14 0	2 13 9	...	11 12	11 0	9 12	Furreedpore
Backergunge	...	...	...	18 0	18 0	17 0	100 0	100 0	100 0	2 15 0	3 11 0	...	13 0	10 9	8 8	Backergunge
Mymensingh	...	...	...	16 0	16 0	17 8	...	...	...	3 8 0	3 4 0	...	11 12	12 8	9 4	Mymensingh
Tipperah	...	...	...	18 0	18 0	18 0	...	...	...	3 5 0	3 4 0	...	12 4	12 8	9 8	Tipperah
Chittagong	...	...	...	16 0	16 0	16 0	80 0	80 0	80 0	2 14 0	2 14 0	5 4 0	13 0	13 0	7 0	Chittagong
Noakholly	...	...	...	16 0	14 0	14 0	...	...	...	3 2 0	3 2 0	...	10 0	11 0	8 0	Noakholly
Chittagong Hill Tracts	...	...	...	...	...	...	320 0	320 0	320 0	3 4 0	3 4 0	...	10 9	10 9	6 6	Chittagong Hill Tracts
Hill Tipperah	...	...	...	14 0	14 0	9 0	...	...	...	3 6 0	3 6 0	...	10 0	10 0	8 0	Hill Tipperah
Behar.																*Behar.*
Patna	...	...	...	30 0	30 0	32 0	180 0	180 0	120 0	3 0 0	3 0 0	...	10 8	10 8	...	Patna
Gya	...	...	...	23 0	25 0	31 0	180 0	180 0	160 0	3 6 6	3 6 0	...	11 8	12 8	9 0	Gya
Shahabad	...	...	...	25 8 to 26 0	28 0 to 29 0	32 8 to 33 0	120 0	120 0	120 0	3 1 0	3 1 0	...	12 8	12 8	9 8	Shahabad
Durbhunga	35 0	35 0	40 0	22 8	22 0	31 0	140 0	160 0	180 0	3 10 0	3 4 6	...	11 0	10 4	9 12	Durbhunga
Mozufferpore	...	...	...	25 0	23 0	33 0	140 0	140 0	140 0	3 4 0	3 4 0	...	12 4	12 0	8 8	Mozufferpore
Sarun	28 0	31 0	32 0	25 0	27 0	31 0	160 0	160 0	160 0	3 6 0	3 6 0	...	11 0	11 0	8 8	Sarun
Chumparun	...	...	...	25 0	28 0	35 0	...	...	...	3 0 0	3 8 0	...	11 0	11 0	8 0	Chumparun
Monghyr	...	...	...	28 6	26 4	33 9	126 0	126 0	105 0	3 1 0	3 1 0	...	12 2	12 10	8 6	Monghyr
Bhágalpur	...	...	...	25 4	25 14	32 12	151 8	126 4	132 9	2-15-11½	2-15-11½	...	12 10	12 10	9 6	Bhágalpur
Purneah	...	...	...	21 0	22 0	25 0	160 0	160 0	120 0	3 8 0	3 8 0	...	10 0	10 0	8 0	Purneah
Maldah	...	...	...	20 0	22 0	27 0	200 0	200 0	160 0	3 2 0	3 2 0	...	12 0	12 0	9 0	Maldah
Southal Pergunnahs	...	...	...	20 0	20 0	24 0	200 0	200 0	200 0	3 10 0	3 12 0	...	10 8	10 8	8 0*	Southal Pergunnahs
Orissa.																*Orissa.*
Cuttack	14 7	17 1	16 0	21 0	21 0	26 0	160 0	160 0	160 0	3 0 0	3 0 0	3 8 0	13 0	13 0	11 0	Cuttack
Pooree	...	...	...	17 8	14 0	18 6	120 0	100 0	100 0	2 12 0	2 12 0	...	13 4	14 8	9 3	Pooree
Balasore	...	...	...	13 0	13 0	16 0	140 0	140 0	120 0	3 2 0	3 2 0	4 7 0	13 0	13 0	9 4	Balasore
Chota Nagpore—South-Western Frontier Agency.																*Chota Nagpore—South-Western Frontier Agency.*
Hazáribágh	30 0	32 0	48 0	17 8	18 0	23 0	200 0	200 0	200 0	3 10 0	3 11 8	...	10 0	10 10	8 0	Hazáribágh
Lohardugga	32 0	32 0	48 0	15 0	15 0	18 0	120 0	120 0	140 0	4 2 0	4 4 0	...	9 0	9 0	6 8	Lohardugga
Singbhoom	...	...	...	24 0	24 0	21 0	180 0	180 0	160 0	4 9 0	4 7 0	...	8 0	8 0	6 0	Singbhoom
Manbhoom	...	...	64 0	17 0	17 0	20 0	120 0	120 0	140 0	3 10 0	3 12 0	...	10 8	11 0	8 8	Manbhoom

f In the sub-divisions retail prices of salt are as follow:—Baraset and Bussirhat 13 seers, Diamond Harbour and Barripore 10-8 seers, Barrackpore 12-12 seers, and Dum-Dum 12 seers.
g In the sub-divisions retail prices of salt are as follow:—Kooshtea and Bongong 13 seers, Meherpore 10 seers, Chooadanga 12 seers, and Ranaghat 12-14 seers.
h Retail price of salt at Bagirhat 11 seers.
i In the sub-divisions retail price of salt is 12 seers.
j In the sub-divisions retail prices of salt are as follow:—Lalbagh 11 seers, Jungypore 11-6 seers, and Kandi 11-8 seers.
k Retail prices of salt at Rangpore 11-8 seers and at Nitpore 12 seers.
l In Nattore retail price of salt is 12 seers.
m In the sub-divisions retail prices of salt are as follow:—Gaibanda 11 seers, Nilphamari 12 seers, and Kurigram 10 seers.
n Retail price of salt at Serajgunge 12-12 seers.
o Retail price of salt at Kurseong 8 seers and Silligori 10-1 seers.
p Retail price of salt at Fallacotta in Alipore sub-division is 10-8 seers.
q Retail prices of salt at Manickgunge 12 seers, Moonsheegunge 10-5 seers, Roopgunge 10-8 seers, Harirampore 16 seers, and Naraingunge 13-8 seers
r In the sub-divisions retail prices of salt are as follow:—Goalundo and Gopalgunge 12 seers, Madaripore 13 seers, and Bhanga 17 seers.
s In the sub-divisions retail prices of salt are as follow:—Patuakhali 10-10 seers, Perozepore 11 seers, and Bhola 10 seers.
t In the sub-divisions retail prices of salt are as follow:—Kishoregunge 8 seers, Attea 12 seers, Jamalpore 11 seers, and Netrokona 12-5 seers.
u Retail price of salt at Chandpore 12 seers.
v Retail price of salt at Hathazaree 11 seers.
w In the interior retail prices of salt range from 8 to 11 seers.
x In the sub-divisions retail prices of salt are as follow:—Jehanabad 12 seers, and Nowada 10 seers.
y In the sub-divisions retail prices of salt are as follow:—Buxar and Sasseram 11-8 seers, and Bhabuah 10-12 seers.
z In the sub-divisions retail prices of salt is 11-8 seers.
z1 In the interior retail prices of salt range from 10 to 13 seers.
z2 In the interior retail prices of salt range from 9 to 12-8 seers.
z3 In the sub-divisions retail prices of salt are as follow:—Jamui 12-5 seers, and Begusarai 12 seers.
z4 In the sub-divisions retail prices of salt are as follow:—Banka 11 seers, Mudehpoora 10-8 seers, and Soopole 10 seers.
z5 In the sub-divisions retail prices of salt are as follow:—Othree 10 seers, Kusba 11-8 seers, Kissengunge 8 seers, and Ranigunge in Arrareah sub-division 9 seers.
z6 Retail prices of salt at Godda 11 seers and at Sarowni 10 seers.
z7 Retail prices of salt at Godda 11 seers and at Sarowni 10 seers.
z8 In Khurda sub-division retail price of salt is 13 seers.
z9 Retail price of salt at Bhadruk 11 seers.
z10 Retail price of salt at Chatra 11 seers and Kurruckdiha 12 seers.
z11 Retail prices of salt at Daltongunge 9 seers.
Retail prices of salt at Raghunathpore and Govindpore 12 seers, and Jhalda 10 seers.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT INDIA FOR THE 1st HALF OF AUGUST 1882—*continued.*

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

Provinces.	Districts.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholum, Jowar), *Holcus Sorghum.* Present fortnight.	Great Millet (Cholum, Jowar), *Holcus Sorghum.* Past fortnight.	Great Millet (Cholum, Jowar), *Holcus Sorghum.* Corresponding fortnight of 1881.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.* Present fortnight.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.* Past fortnight.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.* Corresponding fortnight of 1881.	Lesser Millets, Ragi, &c. (Kavaru, Varagu, Sawee, Cheena, Coraloo, Murhwa, Nuglee), *Panicum Miliaceum, &c.* Present fortnight.	Lesser Millets, Ragi, &c. (Kavaru, Varagu, Sawee, Cheena, Coraloo, Murhwa, Nuglee), *Panicum Miliaceum, &c.* Past fortnight.	Lesser Millets, Ragi, &c. (Kavaru, Varagu, Sawee, Cheena, Coraloo, Murhwa, Nuglee), *Panicum Miliaceum, &c.* Corresponding fortnight of 1881.	Gram. Present fortnight.	Gram. Past fortnight.	Gram. Corresponding fortnight of 1881.	Firewood. Present fortnight.	Firewood. Past fortnight.	Firewood. Corresponding fortnight of 1881.	Salt. Wholesale. Present fortnight.	Salt. Wholesale. Past fortnight.	Salt. Wholesale. Corresponding fortnight of 1881.	Salt. Retail. Present fortnight.	Salt. Retail. Past fortnight.	Salt. Retail. Corresponding fortnight of 1881.	Districts.	Provinces.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. A. per maund.	Rs. A. per maund.	Rs. A. per maund.	S. Ch.	S. Ch.	S. Ch.		
	Sylhet	10 8	10 8	13 0	...	...	...	14 0	17 0	16 0	28 0	35 0	31 8	...	...	...	...	...	...	17 12	16 8	15 0	108 0	108 0	108 0	3 4	3 6	...	12 4	11 12	8 12	Sylhet	
	Cachar	9 2	9 2	11 6	13 5	16 0	16 0	20 0	20 0	20 0	24 10	22 12	22 12	...	...	...	...	...	...	16 0	16 0	16 7	80 0	80 0	80 0	3 9	3 10	...	11 10	10 10	8 10	Cachar	
	Goálpárá	22 12	22 0	32 0	...	...	...	13 5	14 0	16 0	20 0	17 0	22 13	...	...	...	...	...	...	14 8	14 0	14 12	120 0	120 0	120 0	3 4	3 4	...	12 4	12 0	8 0	Goálpárá	
	Gáro Hills	4 0	4 0	4 0	...	...	...	5 0	5 0	5 0	16 0	16 0	22 0	...	...	...	...	...	...	8 0	8 0	6 8	160 0	160 0	160 0	5 6	5 6	...	6 6	6 6	5 5	Gáro Hills	
	Kámrúp	13 0	16 0	16 0	...	...	...	13 0	12 8	13 8	18 0	18 0	15 8	...	...	...	...	...	...	13 4	13 4	12 4	160 0	160 0	200 0	3 8	3 8	...	11 8	11 8	8 0	Kámrúp	
	Darrang	...	...	...	...	...	...	12 0	8 0	8 0	16 0	16 0	16 0	...	...	...	...	...	...	9 0	8 13	7 10	160 0	160 0	160 0	4 8	4 8	...	9 0	9 0	7 8	Darrang	
	Nowgong	...	...	...	...	...	...	13 8	13 8	10 0	16 0	16 0	16 0	...	...	...	...	...	...	8 0	8 0	8 0	120 0	120 0	100 0	3 12	3 12	...	9 0	9 0	8 0	Nowgong	
	Sibságar	...	...	...	...	...	...	6 8	6 8	7 0	16 0	16 0	16 0	...	...	...	...	...	...	10 0	10 0	10 0	80 0	80 0	120 0	4 8	4 4	...	8 8	8 8	7 0	Sibságar	
	Lakhimpur	8 0	8 0	9 0	10 0	10 0	8 0	9 0	8 0	7 0	16 0	16 0	16 0	...	...	...	...	...	...	12 0	10 0	11 0	120 0	120 0	80 0	5 0	5 0	...	8 0	8 0	7 0	Lakhimpur	
	Khási & Jaintiá Hills	8 0	8 0	10 0	...	...	...	9 0	10 0	9 0	10 0	11 0	10 0	...	...	...	...	...	...	10 0	10 0	10 0	...	...	...	5 0	5 0	...	8 0	8 0	5 5	Khási & Jaintiá Hills	
	Nága Hills	...	...	...	...	...	...	5 0	5 0	4 0	8 0	8 0	...	...	...	...	...	...	...	2 0	2 0	2 0	120 0	120 0	120 0	13 0	13 0	...	3 0	3 0	2 8	Nága Hills	
	Dehra Dún	18 0	18 0	18 0	29 0	29 0	29 0	11 0	11 0	10 0	12 8	12 8	11 0	24 0	22 0	18 0	22 0	18 0	...	19 8	19 8	17 0	160 0	160 0	160 0	11 0	11 0	11 0	10 8	10 8	10 8	Dehra Dún	
	Saháranpur	18 5	19 5½	21 9	32 5	27 15	30 1¼	9 11	9 11	8 1	12 14½	12 14½	11 14	32 5	26 14	27 0	21 9	21 8	21 9	22 1	24 11½	21 9	116 0	150 8	150 8	12 1	12 1	10 12	11 13	11 13	10 0	Saháranpur	
	Muzaffarnagar	18 2	18 11	20 4	29 11	29 11	33 0	6 9	6 9	6 9	14 5	14 5	12 10	27 8	27 8	25 5	22 0	22 0	22 0	22 0	21 8	22 8	132 0	132 0	132 0	11 13	11 10	10 2	11 4	11 4	...	Muzaffarnagar	
	Meerut	17 0	17 8	21 0	25 0	25 0	32 0	6 0	6 0	5 8	15 0	15 0	13 0	25 0	26 0	25 0	21 0	21 0	20 0	22 12	22 0	22 8	140 0	140 0	140 0	11 8	10 0	10 6	...	...	...	Meerut	
	Bulandshahr	18 8	19 0	20 6	24 0	24 0	30 0	6 0	6 0	6 0	10 5	10 0	10 4	24 0	24 0	21 0	22 0	22 0	20 0	21 0	21 8	21 0	130 0	130 0	120 0	11 8	12 0	...	11 0	11 8	...	Bulandshahr	
	Aligarh	17 4	17 4	18 8	24 0	23 0	26 8	5 8	6 0	6 0	12 0	13 0	15 0	24 0	25 0	17 8	14 8	16 8	19 8	12 0	11 8	13 4	200 0	200 0	200 0	8 0	7 0	7 0	7 0	6 0	6 0	Aligarh	
	Kumaun	17 0	16 0	16 8	18 0	17 0	19 0	10 0	10 0	8 0	13 0	13 0	13 4	...	...	...	...	...	...	9 0	9 0	9 0	280 0	200 0	280 0	7 8	7 8	7 8	7 0	7 0	7 0	Kumaun	
	Garhwál	22 0	23 8	20 0	24 0	25 0	22 0	9 0	9 0	7* 8	15 0	15 0	11 7	...	...	...	...	...	...	19 6	20 13	21 15	135 0	135 0	135 0	...	...	...	...	...	...	Garhwál	
	Bijnor	16 8	16 14	20 4	24 7	25 10	28 11	11 13	10 2	10 2	12 15	12 6	10 9	22 8	22 8	15 12	18 9	19 11	16 5	21 4	21 4	21 4	137 8	137 8	125 0	12 0	12 0	...	11 14	11 14	10 10	Bijnor	
	Moradabad	18 7	18 12	21 14	28 12	28 12	30 10	9 6	9 6	7 13	13 2	13 2	14 6	25 0	24 6	23 12	18 2	20 0	23 12	19 3	19 3	23 6	192 0	192 0	168 0	10 12½	10 15	...	10 3	10 3	...	Moradabad	
	Budaun	17 1¼	17 8½	21 0	21 9½	22 12½	28 12½	9 9½	9 9½	6 0	13 3	13 12½	14 1½	18 0	20 6	12 0	18 0	20 6	12 0	19 6	19 6	20 0	125 0	125 0	125 0	11 14	11 14	...	11 4	11 4	9 11	Budaun	
	Bareilly	16 14	16 14	20 0	21 14	21 4	26 4	7 8	7 8	7 8	13 2	13 12	14 6	22 8	21 4	20 0	21 4	20 0	18 12	20 12	20 12	22 0	160 0	160 0	160 0	12 6	12 6	10 4	10 8	10 8	9 8	Bareilly	
	Sháhjáhánpur	18 4	18 6	20 0	24 8	24 4	28 8	9 4	9 4	7 8	14 8	14 8	14 0	...	...	...	...	...	...	17 8	17 8	17 8	120 0	120 0	120 0	11 4	11 4	...	11 0	11 0	...	Sháhjáhánpur	
	Tarái Pergunnahs	20 0	20 0	22 8	30 0	30 0	35 0	7 8	7 8	10 0	14 0	14 0	12 8	20 0	20 0	17 8	20 0	20 0	25 0	21 8	22 0	19 0	100 0	100 0	130 0	14 0	14 0	...	12 0	12 0	11 0	Muttra	
	Muttra	16 12	17 0	19 0	21 8	22 0	24 0	...	...	8 0	14 0	14 0	14 0	25 0	25 0	19 0	21 8	20 0	20 0	22 0	22 0	20 8	100 0	100 0	100 0	12 8	12 8	11 0	12 0	12 0	10 8	Agra	
	Agra	16 12	17 0	17 12	22 8	23 0	22 8	6 8	6 8	6 0	14 0	14 0	13 8	23 0	23 0	22 0	21 0	20 0	20 0	21 11	21 11	21 9½	156 8	156 8	156 12	13 4	13 4	9 11	11 9	11 9	9 11	Farukhabad	
	Farukhabad	17 11	17 11½	19 10	22 9½	22 0½	27 9½	6 13	7 0	6 2	13 15	13 7	14 5	22 9½	22 2	19 6½	21 2½	20 12½	21 2	21 8	22 0	19 8	160 0	160 0	140 0	12 8	12 8	...	11 0	11 0	9 0	Mainpuri	
	Mainpuri	18 12	18 8	17 8	23 0	24 8	24 0	5 0	4 0	5 0	11 0	12 0	12 0	...	...	...	...	...	...	21 8	22 0	19 8	160 0	160 0	160 0	10 8	10 8	...	10 0	10 0	7 8	Etáwah	
	Etáwah	17 8	17 0	17 8	22 8	23 0	23 8	6 0	6 0	6 0	14 8	14 8	14 8	24 0	25 0	20 0	16 0	16 0	18 8	20 8	20 8	21 0	160 0	140 0	140 0	11 8	12 8	10 4	12 8	11 0	...	Etah	
	Etah	18 12	18 8	20 8	22 8	22 8	27 8	8 0	8 0	8 0	13 0	13 0	12 0	20 8	20 0	...	19 0	19 0	...	20 8	20 8	21 0	160 0	140 0	140 0	12 0	12 0	...	11 0	11 0	9 8	Jalaun	
	Jalaun	20 0	20 0	20 0	20 0	20 0	20 0	10 0	10 0	8 0	12 0	12 0	12 0	28 0	28 0	24 0	22 0	22 0	20 0	22 0	22 0	20 0	200 0	200 0	200 0	11 8	11 8	9 0	10 8	10 8	8 8	Jhánsi	
	Jhánsi	22 0	22 0	23 2	32 10	32 2	30 0	8 3	8 8	7 8	15 0	15 0	13 0	28 0	27 0	25 7	...	...	21 5	26 8	26 6	27 5½	200 0	200 0	200 0	11 8	11 8	9 0	10 8	10 8	8 8	Lalitpur	
	Lalitpur	21 0	22 0	27 8	37 0	37 0	35 0	11 0	10 0	9 0	12 0	12 0	11 0	32 0	32 0	38 0	27 0	26 0	26 0	28 0	33 0	38 8	140 0	140 0	140 0	11 0	11 0	...	10 8	10 4	8 12	Cawnpore	
	Cawnpore	17 8	17 8	19 0	26 0	26 0	28 0	11 0	11 0	10 8	14 8	15 0	15 0	25 8	25 8	24 0	25 8	25 8	24 0	24 0	24 0	24 0	200 0	200 0	200 0	10 4	10 2	...	10 0	9 14	9 4	Fatehpur	
	Fatehpur	16 4	16 12	17 12	23 12	24 0	24 0	11 4	11 4	10 10	15 4	15 8	13 14	...	...	...	...	...	...	23 6	24 6	22 4	200 0	200 0	200 0	12 4	12 4	...	12 0	12 0	9 8	Bánda	
	Bánda	18 0	18 0	17 8	23 0	25 0	20 0	9 0	9 0	10 0	13 8	13 8	13 8	33 0	33 0	22 0	30 0	30 0	20 0	32 0	32 0	23 0	160 0	160 0	180 0	12 4	12 4	...	12 0	12 0	...	Allahabad	
	Allahabad	17 8	17 8	18 0	25 0	25 8	28 8	12 0	11 8	11 0	17 8	17 0	16 4	32 0	29 0	26 0	29 0	28 12	24 8	24 8	24 8	23 14	180 0	140 0	160 0	11 8	11 8	...	10 8	10 12	...	Hamírpur	
	Hamírpur	16 14	16 0	16 5	20 4	20 0	22 8	12 6	9 0	9 14	...	...	13 8	27 0	25 0	...	26 7	24 0	20 4	29 4	26 0	20 0	140 0	140 0	140 0	12 6	11 13	9 0	11 12	10 0	...	Jaunpur	
	Jaunpur	19 0	18 10	20 7	29 10	30 11	33 14	7 1	7 1	7 12	14 2	15 8	16 15	...	...	...	16 15	22 9	16 15	24 11	24 11	26 13	120 0	169 8	141 4	9 11	9 11	...	9 9	9 9	8 15	Gorakhpur	
	Gorakhpur	17 1¼	16 3	19 12½	24 3	22 8	50 6½	12 9½	12 9½	15 5	16 3	16 3	21 9½	...	...	...	...	...	28 12½	24 3	21 9½	23 12½	160 0	160 0	160 0	11 13	10 6½	...	10 6½	10 6½	8 6½	Fatehpur	
	Basti	16 8	15 8	20 12	30 0	38 0	40 0	12 0	12 0	13 0	15 0	14 0	20 0	...	...	...	...	...	...	25 0	26 0	31 0	140 0	130 0	140 0	10 0	9 8	7 0	9 8	8 8	7 8	Basti	
	Azamgarh	17 11	18 7	20 10	28 0	27 5	35 6	11 1	8 14	8 14	17 11	17 11	17 0	...	...	...	20 10	20 10	...	22 2	23 10	28 0	181 0	147 8	147 8	10 10	10 10	7 14	10 0	10 0	8 2	Azamgarh	
	Mirzapur	15 0	17 0	17 8	20 0	22 0	25 0	10 0	10 0	10 0	18 0	18 0	17 0	27 0	27 0	28 0	26 0	26 0	24 0	21 0	22 0	23 0	100 0	100 0	100 0	9 0	10 0	9 0	8 0	9 0	8 0	Mirzapur	
	Benares	16 4	15 11½	18 7	24 15	24 15	26 14	11 15	11 15	12 12	16 13	16 8	21 2	26 8½	26 8½	24 15	27 10	27 10	29 4	22 4	22 4	24 12	140 0	120 0	120 0	11 4	11 4	...	10 2	10 2	8 2½	Benares	
	Gházipur	17 6½	18 0	18 10	28 18½	25 12	31 8	10 15½	10 15½	10 5	16 1½	19 15½	17 6	25 12	30 14½	25 12	20 9½	20 9½	26 6	24 7½	26 6½	28 5	130 0	130 0	154 8	10 15½	9 10½	9 6	9 10½	9 0	7 12	Gházipur	
	Ballia	15 10	15 0	19 6	27 8	25 0	35 0	10 0	10 0	10 0	15 0	15 0	21 4	...	...	...	...	...	...	25 0	25 0	31 4	100 0	100 0	130 0	11 4	10 0	9 6	11 8	10 4	...	Ballia	
	Pilibhít	19 2	18 6	21 4	28 3	28 4	33 10	15 0	15 0	15 9	16 4	16 4	17 8	...	16 4	...	...	...	...	18 1	18 8	19 8	150 0	150 0	150 0	12 12	12 12	12 12	11 12	11 12	...	Pilibhít	
	Lucknow	16 7½	16 8	19 0	23 7½	23 6½	26 4½	6 0	6 0	6 0	14 4½	14 0	14 0	22 4	22 4	24 10½	22 0	22 0	23 12	21 0	20 11	20 12	115 0	115 0	130 0	10 0	10 0	9 0	9 8	9 8	8 8	Lucknow	
	Unáo	17 8	18 0	19 8	24 8	25 0	24 0	10 0	13 8	7 0	15 8	15 0	13 0	...	...	28 0	...	...	22 0	22 8	25 0	20 8	160 0	160 0	160 0	...	...	...	11 0	11 0	9 0	Unáo	
	Bára Banki	17 0	17 0	20 0	25 0	24 0	27 0	11 0	10 0	9 0	16 0	14 0	15 0	31 0	29 0	29 0	21 0	19 0	20 0	22 0	22 0	23 0	120 0	130 0	120 0	12 0	12 0	10 0	10 0	10 0	9 0	Bára Banki	
	Sitapur	18 3	19 4	22 13	24 10	26 14	30 8	8 0	8 0	8 0	15 8	17 6	15 10½	22 0	20 12	16 0	20 0	19 12	22 0	20 12	21 0	24 2½	160 0	160 0	160 0	12 0	12 0	...	11 0	10 9½	9 0	Sitapur	
	Hardui	15 15	15 15	20 5	22 8	23 0	33 12	5 10	5 10	5 10	11 0	11 4	13 2	...	21 9	...	...	22 8	...	18 1	17 13	23 7	240 0	240 0	240 0	9 6	9 6	8 7	7 8	7 8	8 8	Hardui	
	Kheri	18 8	19 4	24 0	27 0	27 0	34 0	7 0	7 0	9 0	16 0	15 0	15 0	27 0	31 0	...	...	...	...	18 8	19 0	25 0	160 0	160 0	200 0	11 0	11 4	11 0	10 0	10 0	10 0	Kheri	
	Fyzabad	17 0	16 4	18 12	26 8	26 0	28 0	10 0	10 0	10 0	16 6	16 0	14 8	30 0	29 8	32 12	...	...	...	28 0	23 0	24 12	140 0	140 0	120 0	11 0	11 0	8 8	10 0	10 0	8 12	Fyzabad	
	Bharaich	16 0	16 0	19 0	32 0	34 0	38 0	9 0	9 0	9 0	17 0	18 0	16 0	30 0	30 0	40 0	13 0	13 0	16 0	28 0	26 0	26 0	160 0	160 0	160 0	...	...	...	9 0	9 0	8 4	Bharaich	
	Gonda	18 9	19 0	22 14	30 4	31 8	35 8	15 8	15 8	15 0	17 4	17 8	18 8	33 4	36 0	42 0	24 0	24 0	24 0	26 12	27 8	29 12	240 0	240 0	200 0	11 8	11 8	...	11 4	11 4	9 4	Gonda	
	Rai Bareli	19 0	19 4	18 12	27 0	24 8	21 4	...	...	...	16 8	16 8	13 12	24 0	24 0	0	20 0	18 0	...	21 8	20 4	18 0	160 0	160 0	160 0	...	...	...	9 0	9 0	7 12	Rai Bareli	
	Sultánpur	19 0	19 4	20 12	29 0	29 0	30 0	11 0	11 0	10 0	17 0	17 0	16 8	...	...	...	22 0	22 0	...	26 0	26 0	23 0	160 0	160 0	160 0	11 8	11 8	9 12	11 4	11 0	9 0	Sultánpur	
	Partábgarh	19 5	19 6	20 4	29 2	28 13	30 14	16 2	16 6	14 0	17 10	17 9	15 8	...	...	...	...	...	...	22 14	23 0	17 8	200 0	200 0	220 0	11 0	11 0	8 8	10 8	10 10	9 3	Partábgarh	
	Delhi	17 8	18 4	19 8	24 0	24 4	26 0	...	...	...	14 0	14 0	13 0	25 0	24 8	23 0	20 0	20 8	19 0	21 0	22 8	21 8	80 0	85 0	80 0	12 8	12 8	...	11 8	11 8	11 8	Delhi	
	Gurgáon	17 8	18 8	20 8	22 8	23 12	28 0	...	...	...	13 0	13 0	13 0	24 0	22 8	18 0	19 0	20 0	22 0	20 8	21 2	22 8	130 0	130 0	120 0	12 0	12 0	...	12 0	12 0	10 0	Gurgáon	
	Karnál [a]	17 0	19 0	20 0	27 0	31 0	32 0	...	...	...	12 0	12 0	12 0	27 0	27 0	28 0	16 0	16 0	20 0	22 0	24 8	26 0	160 0	160 0	160 0	11 8	11 0	...	11 4	10 12	10 0	Karnál	
	Hissar	17 0	18 0	18 8	30 0	32 0	24 8	...	...	...	10 0	10 0	10 0	28 0	30 0	27 0	26 0	28 0	24 0	26 0	28 0	28 0	80 0	80 0	100 0	9 8	10 8	...	9 0	10 0	10 0	Hissar	
	Rohtak	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	No return received			Rohtak	
	Sirsa [b]	19 12	21 8	18 0	33 4	38 8	30 0	...	...	...	12 0	14 0	12 0	33 8	40 0	24 0	27 12	31 0	25 0	33 0	37 0	30 0	120 0	120 0	120 0	11 8	11 8	...	11 0	11 0	9 0	Sirsa	
	Umballa [c]	21 0	22 0	20 0	26 0	30 0	25 0	...	...	...	12 0	11 8	12 0	27 0	28 0	20 0	28 0	26 0	18 0	24 0	25 12	22 8	140 0	160 0	160 0	13 10	13 10	...	13 8	13 8	11 4	Umballa	
	Ludhiana	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	No return received			Ludhiana	
	Simla	14 0	14 8	13 8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	80 0	80 0	80 0	10 1	10 0	...	9 7	9 7	8 4	Simla	
	Jullundur	22 0	24 0	20 0	32 0	36 0	30 0	...	...	...	8 0	8 0	8 0	32 0	34 0	26 0	20 0	23 0	18 0	16 0	16 0	13 8	100 0	100 0	100 0	14 0	14 0	...	13 0	13 8	11 4	Jullundur	
	Hoshiarpur	23 0	24 8	20 8	31 0	34 0	30 0	...	...	...	11 0	10 0	10 0	27 0	29 0	22 0	17 0	17 0	12 0	27 0	28 0	22 0	100 0	100 0	120 0	13 12	14 0	...	13 8	13 8	11 8	Hoshiarpur	
	Kangra	24 0	24 0	20 0	38 0	38 0	30 0	...	...	...	15 0	15 0	13 0	...	...	...	...	...	...	26 0	28 0	21 0	100 0	100 0	100 0	10 8	10 8	...	10 0	10 0	9 0	Kangra	

[a] Barley, bajra, jowar and gram rising. [b] Barley and firewood rising. [c] Barley rising. * Maudwa: Present 25 seers, past 30 seers, corresponding 25 seers.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT INDIA FOR THE 1st HALF OF AUGUST 1882—*continued.*

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

Provinces	Districts	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholum, Jowar), *Holcus Sorghum.* Present fortnight.	Great Millet (Cholum, Jowar), *Holcus Sorghum.* Past fortnight.	Great Millet (Cholum, Jowar), *Holcus Sorghum.* Corresponding fortnight of 1881.	Bulrush Millet (Cumboo, Bajree), *Penicillaria Spicata.* Present fortnight.	Bulrush Millet (Cumboo, Bajree), *Penicillaria Spicata.* Past fortnight.	Bulrush Millet (Cumboo, Bajree), *Penicillaria Spicata.* Corresponding fortnight of 1881.	Lesser Millets, Ragi, &c. (Kavaru, Varagu, Sawee, Cheena, Coraloo, Murnwa, Nurlee), *Panicum Miliaceum, &c.* Present fortnight.	Lesser Millets, Ragi, &c. (Kavaru, Varagu, Sawee, Cheena, Coraloo, Murnwa, Nurlee), *Panicum Miliaceum, &c.* Past fortnight.	Lesser Millets, Ragi, &c. (Kavaru, Varagu, Sawee, Cheena, Coraloo, Murnwa, Nurlee), *Panicum Miliaceum, &c.* Corresponding fortnight of 1881.	Gram. Present fortnight.	Gram. Past fortnight.	Gram. Corresponding fortnight of 1881.	Firewood. Present fortnight.	Firewood. Past fortnight.	Firewood. Corresponding fortnight of 1881.	Salt. Wholesale. Present fortnight.	Salt. Wholesale. Past fortnight.	Salt. Wholesale. Corresponding fortnight of 1881.	Salt. Retail. Present fortnight.	Salt. Retail. Past fortnight.	Salt. Retail. Corresponding fortnight of 1881.	Districts
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.			
Punjab—*continued.*	Amritsar	24 8	25 0	19 8	39 0	39 0	26 8	...	...	...	11 8	12 0	11 0	29 4	27 4	22 8	23 8	23 8	16 8	...	...	...	29 4	32 12	22 8	80 0	80 0	80 0	14 12	14 12	...	14 6	14 6	12 4	Amritsar
	Siálkot	24 8	26 0	19 0	40 0	39 0	30 0	...	...	...	15 0	15 0	13 0	27 0	26 0	15 0	22 0	22 0	12 0	...	...	...	25 8	27 4	18 0	130 0	130 0	120 0	15 0	15 0	...	14 8	14 8	12 0	Siálkot
	Gurdáspur	30 0	30 0	22 0	40 0	40 0	28 0	...	...	...	16 0	16 0	12 0	24 0	22 0	16 0	14 0	14 0	13 0	...	...	...	33 0	32 0	22 0	120 0	120 0	120 0	13 4	13 4	...	13 0	13 0	10 8	Gurdáspur
	Lahore [*a*]	23 8	23 8	18 0	36 0	37 0	25 0	...	...	...	11 0	11 0	9 0	28 0	23 0	18 0	24 0	22 0	13 0	...	...	...	29 0	29 0	19 0	80 0	80 0	70 0	15 0	15 0	...	14 0	14 0	10 0	Lahore
	Ferozepore [*b*]	21 8	22 0	18 4	52 0	36 0	27 0	...	...	...	11 0	11 0	10 0	35 0	36 0	15 0	...	...	...	...	...	...	29 0	32 8	24 0	80 0	70 0	100 0	12 8	13 4	...	12 8	13 0	11 8	Ferozepore
	Gujránwála	24 8	24 4	18 12	38 0	36 0	31 0	...	...	...	13 0	13 0	11 0	22 0	22 0	14 0	20 0	20 0	14 0	...	...	...	28 0	28 0	19 4	95 0	95 0	95 0	15 4	15 4	...	15 0	15 0	12 0	Gujránwála
	Ráwalpindi [*a*]	20 8	20 8	13 4	29 0	29 8	21 8	...	...	...	8 4	8 4	6 12	30 0	22 0	15 0	24 0	24 0	14 0	...	...	...	22 0	22 14	17 4	95 0	90 0	40 0	14 12	14 12	...	14 8	14 10	11 12	Ráwalpindi
	Jhelum [*c*]	24 0	24 0	15 8	31 0	31 0	22 8	...	...	...	10 0	10 0	8 0	25 0	25 0	15 0	24 0	24 0	15 0	...	...	...	24 0	24 0	17 8	160 0	120 0	90 0	16 8	16 8	...	16 0	16 8	13 8	Jhelum
	Gujrát	25 12	26 8	19 6	39 8	39 8	29 0	...	...	...	12 0	12 0	8 0	25 0	22 8	16 0	28 0	28 0	16 0	...	...	...	25 0	26 4	18 8	100 0	100 0	100 0	...*	...*	...	15 0	15 0	12 0	Gujrát
	Shahpúr	20 12	20 0	16 0	32 0	32 0	24 0	...	...	...	13 0	13 0	10 0	20 0	19 0	14 0	19 0	19 0	14 0	...	...	...	23 0	24 8	19 8	320 0	320 0	320 0	17 0	17 0	...	16 0	16 0	14 0	Shahpúr
	Mooltan	17 0	17 0	14 4	27 0	26 0	21 0	...	...	...	10 0	10 0	8 0	27 0	25 0	18 0	23 0	25 0	14 0	...	...	...	24 0	23 0	17 0	90 0	90 0	80 0	14 12	15 8	...	14 8	15 0	12 4	Mooltan
	Jhang	19 8	19 8	15 0	31 0	30 0	22 8	...	...	...	10 8	12 0	8 0	16 0	16 0	16 0	16 0	16 0	16 0	...	...	...	23 8	25 0	16 0	200 0	200 0	200 0	14 4	15 0	...	14 0	14 8	12 4	Jhang
	Montgomery	20 8	20 0	15 8	24 0	24 0	20 0	...	...	...	5 8	5 8	5 8	20 8	20 0	12 0	16 0	16 0	0 ...	...	...	...	28 0	26 0	17 8	200 0	200 0	200 0	12 0	12 0	...	11 0	11 0	10 0	Montgomery
	Muzaffargarh	20 0	20 0	16 0	26 0	26 0	22 0	...	...	...	7 0	7 0	5 0	18 0	18 0	11 0	18 0	18 0	13 0	...	...	...	20 0	20 0	15 0	120 0	120 0	100 0	...*	...*	...	13 0	13 0	11 0	Muzaffargarh
	Dera Ismail Khán	18 13	18 2	16 4	27 1	26 14	25 10	...	...	...	8 12	8 12	7 8	25 13	25 5	16 4	21 8	21 9	17 9	...	...	...	24 3	22 11	25 7	100 0	100 0	100 0	55 0	55 0	...	53 0	53 0	47 8	Dera Ismail Khán
	Dera Gházi Khán	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	20 0	...	...	...	...	...	...	...	...	...	...	...	...	No return received			Dera Gházi Khán
	Bannu	30 10	31 14	19 6	45 0	46 4	34 6	...	...	...	8 12	8 12	6 4	25 0	27 8	20 0	25 0	28 12	20 0	...	...	...	29 11	28 12	31 14	80 0	80 0	80 0	120 0	120 0	...	100 0	100 0	80 0	Bannu
	Pesháwar	19 0	19 0	10 6	36 0	35 12	21 14	...	...	...	9 8	9 8	6 0	28 0	27 4	16 6	13 4	12 10	...	...	...	...	17 3	17 3	12 10	96 0	96 0	66 0	58 8	58 8	...	56 0	56 0	40 0	Pesháwar
	Kohát	16 4	15 15	11 15	31 14	30 9	24 4	...	...	...	12 2	12 12	7 10	24 3	21 10	15 0	19 2	19 2	...	...	...	...	17 14	15 15	16 5	76 0	76 0	63 0	89 0	89 4	...	75 0	75 0	45 14	Kohát
	Házára	23 8	...	10 0	39 0	40 0	29 0	...	...	...	12 0	...	10 0	...	...	...	...	...	...	...	...	...	20 0	...	15 8	140 0	140 0	160 0	...	...	...	12 0	12 0	9 12	Házára
Central Provinces.	Nágpur	17 4	17 4	18 8	...	...	...	8 12	8 8	9 4	17 4	16 4	14 12	25 12	25 0	28 12	...	...	...	...	...	...	22 4	22 0	22 4	130 0	130 0	120 0	11 8	11 8	10 8	11 4	11 4	10 4	Nágpur
	Bhandára	19 0	17 8	22 0	...	...	...	11 4	10 8	9 8	20 0	19 0	17 0	24 0	23 0	26 0	...	...	...	...	...	...	21 8	23 0	26 0	...	...	...	11 0	11 0	10 0	10 8	10 8	9 8	Bhandára
	Chánda	17 0	17 0	21 8	...	...	...	...	...	...	14 0	14 0	14 8	21 0	21 0	32 0	...	...	...	...	...	...	25 0	25 0	23 0	360 0	360 0	360 0	...	...	...	10 0	10 0	8 0	Chánda
	Wardha	18 8	18 8	21 0	...	...	...	8 12	8 12	8 12	14 12	14 12	11 8	23 0	23 0	30 0	...	...	...	...	...	...	24 0	24 0	23 0	125 0	125 0	135 0	12 4	12 4	10 12	12 0	12 0	10 8	Wardha
	Bálaghát	17 0	17 0	22 8	...	...	...	15 0	15 0	15 0	24 0	22 0	25 0	...	...	...	...	...	...	...	...	...	25 0	25 0	32 0	275 0	275 0	275 0	10 0	10 0	...	10 0	10 0	9 0	Bálaghát
	Jubbulpore	16 8	17 0	19 8	23 0	24 0	19 0	10 0	10 8	10 0	14 12	14 0	17 0	17 8	18 0	28 0	15 0	15 8	19 0	...	...	...	26 0	28 0	32 0	120 0	120 0	120 0	11 10	11 12	...	11 4	11 8	9 0	Jubbulpore
	Saugor	18 0	19 0	34 8	...	...	...	8 0	8 0	8 0	9 0	9 0	9 0	...	...	...	...	...	...	...	...	...	28 8	24 0	42 8	160 0	160 0	120 0	8 8	8 8	...	8 4	8 4	7 4	Saugor
	Damoh	23 0	24 0	51 0	...	...	...	14 0	14 0	12 12	14 8	15 0	13 12	...	...	...	...	...	...	...	...	...	37 0	35 0	73 0	200 0	200 0	200 0	9 8	9 0	6 12	9 0	8 8	6 8	Damoh
	Seoni	19 0	19 0	25 8	...	...	...	12 0	12 8	11 12	16 0	16 0	17 8	...	...	...	...	...	...	...	...	...	23 8	24 0	39 0	210 0	210 0	230 0	11 0	11 0	7 8	10 12	10 8	7 0	Seoni
	Mandla	19 0	20 0	31 0	...	...	...	13 0	15 8	15 0	18 0	20 8	19 8	...	...	...	...	...	...	...	...	...	25 0	25 0	35 0	35 0	65 0	256 0	240 0	256 0	...	...	9 8	8 8	Mandla
	Betúl	16 0	16 0	30 0	...	...	...	9 0	9 0	13 0	10 0	10 0	14 0	20 0	20 0	42 0	...	...	...	...	...	...	14 0	14 0	27 0	17 0	17 0	40 0	240 0	240 0	240 0	9 0	9 0	9 0	Betúl
	Chhindwára	18 0	18 0	28 0	...	...	...	8 0	8 0	9 0	13 0	13 0	15 0	23 0	23 0	42 0	...	...	...	...	...	...	18 0	18 0	26 0	23 0	42 0	200 0	200 0	200 0	10 0	10 0	9 0	9 0	Chhindwára
	Hoshangabad	15 7	15 7	21 12	...	...	...	4 8	4 8	4 4	10 13	10 13	11 0	18 0	23 14	38 0	18 0	18 0	21 0	...	...	...	24 0	25 5	42 8	160 0	160 0	120 0	9 8	9 8	...	9 0	9 0	5 0	Hoshangabad
	Narsinghpur	15 4	14 8	18 0	...	...	...	10 0	9 8	10 0	12 8	12 8	11 0	...	...	...	...	...	...	...	...	...	25 0	26 0	40 0	160 0	160 0	160 0	10 8	10 8	6 12	10 0	10 0	6 8	Narsinghpur
	Nimár	14 0	14 0	18 11	...	...	...	...	...	...	11 9	11 8	11 8	22 0	21 0	45 0	21 0	21 0	32 6	...	...	...	19 5	22 0	27 1	93 0	120 0	160 0	13 0	13 0	10 4	12 12	12 12	9 11	Nimár
	Raipur	24 0	29 8	40 0	...	...	...	20 0	21 0	22 0	42 0	45 8	38 0	...	...	...	...	...	...	...	...	...	28 0	31 8	32 0	70 0	60 0	60 0	9 6	8 9	7 8	8 8	8 6	7 0	Raipur
	Sambalpur	21 0	24 0	28 8	...	...	...	32 0	32 8	30 0	36 12	36 0	44 0	...	...	...	...	...	...	...	...	...	29 4	29 4	28 0	120 0	120 0	110 0	10 0	10 0	8 12	9 0	9 0	8 0	Sambalpur
	Bilaspur	45 0	45 0	60 0	...	...	...	36 0	40 0	40 0	45 0	72 0	72 0	...	...	...	...	...	...	...	...	...	150 0	150 0	130 0	40 0	42 0	48 0	120 0	120 0	120 0	...	...	7 0	7 0	Bilaspur
British Burma.	*Arakan Division.*																																			*Arakan Division.*
	Akyab																																			Akyab
	Northern Arakan																																			Northern Arakan
	Kyoukpyoo																																			Kyoukpyoo
	Sandoway																																			Sandoway
	Pegu Division.																																			*Pegu Division.*
	Rangoon town and Hanthawaddy																																			Rangoon town and Hanthawaddy
	Tharrawaddy																																			Tharrawaddy
	Prome																																			Prome
	Irrawaddy Division.																																			*Irrawaddy Division.*
	Henzada	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	No return received					Henzada
	Bassein																																			Bassein
	Thonegwa																																			Thonegwa
	Thayetmyo																																			Thayetmyo
	Tenasserim Division.																																			*Tenasserim Division.*
	Moulmein town and Amherst																																			Moulmein town and Amherst
	Tavoy																																			Tavoy
	Mergui																																			Mergui
	Toungoo																																			Toungoo
	Shwaygyin																																			Shwaygyin
	Salween																																			Salween
Madras.	Secunderabad	16 12	16 5	15 5	...	...	...	7 2	6 13	7 8	9 13	9 13	9 13	23 14	23 14	27 0	...	...	23 0	...	...	...	24 14	17 12	17 4	21 7	125 0	125 0	125 0	10 11	10 11	9 7	10 3	10 3	9 0	Secunderabad
	Bolarum	18 1	19 7	16 6	...	...	...	7 6	7 6	8 1	9 1	9 0	9 9	27 0	27 0	24 7	...	...	...	...	...	...	...	19 7	21 3	20 9	116 14	116 14	116 14	...	...	...	10 12	10 12	9 8	Bolarum
	Chudderghat	14 0	14 0	12 8	...	...	...	7 0	7 0	7 0	9 8	8 0	8 8	27 0	26 0	24 8	34 0	33 0	36 0	...	...	...	17 0	18 0	19 8	80 0	80 0	80 0	...	...	...	9 8	9 8	9 0	Chudderghat
	Amrsóti	16 0	16 0	17 0	11 0	11 8	10 0	8 0	8 0	7 0	10 0	10 0	8 0	26 0	26 0	40 0	19 0	18 0	28 0	...	...	...	20 0	20 0	24 0	64 0	64 0	70 0	12 0	12 0	11 0	11 8	11 8	10 8	Amrsóti
	Akola	16 0	16 0	19 0	...	...	...	8 0	8 0	8 0	10 0	10 0	10 0	26 0	30 0	46 0	21 0	24 0	24 0	...	...	...	21 0	22 0	24 0	64 0	64 0	64 0	11 0	11 0	9 0	10 0	10 0	9 0	Akola
	Ellichpur	15 0	14 0	19 0	12 0	12 0	12 0	10 0	6 0	8 0	12 0	8 0	10 0	24 0	20 0	26 0	22 0	20 0	26 0	7 8	7 8	7 8	18 0	15 0	23 0	64 0	64 0	64 0	...	...	...	10 0	10 0	10 0	Ellichpur
	Buldána	17 0	17 0	26 0	...	...	...	...	...	...	11 0	11 0	11 0	32 0	32 0	54 0	28 0	28 0	38 0	...	...	...	22 0	22 0	35 0	...	...	...	...	...	...	10 0	10 0	10 0	Buldána
	Wún	13 8	13 8	17 0	...	...	...	7 0	7 0	7 0	10 8	10 8	10 0	28 0	28 0	36 0	...	...	...	...	...	...	20 0	20 0	22 0	100 0	100 0	100 0	...	...	...	8 0	8 0	8 0	Wún
	Basim	20 0	20 0	22 0	...	...	...	5 4	5 4	5 4	12 0	11 0	15 0	34 0	34 0	52 0	...	...	...	...	...	...	26 0	26 0	28 0	64 0	64 0	64 0	10 0	11 0	9 0	9 0	10 0	8 0	Basim

[*a*] Jowar falling. [*b*] Barley rising. [*c*] Firewood falling.

* No wholesale salt sold.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT INDIA FOR THE 1st HALF OF AUGUST 1882—*concluded.*

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

Districts.	Wheat.			Barley.			Rice (best sort).			Rice (common).			Great Millet (Cholum, Jowari), *Holcus Sorghum.*			Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.*		
	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.
	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
Bangalore																		
Kolar																		
Túmkúr																		
Mysore																		
Hassan	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Shimoga																		
Kadur																		
Chitaldroog																		
Coorg	8 8	7 15	7 15	8 3	8 8	8 11	10 13	10 9	10 2	12 11	13 0	14 6	...	...	...	...	...	...
Jeypore	16 4	16 12	15 12	20 0	21 8	23 0	6 0	7 0	6 0	9 0	9 0	9 0	17 0	18 8	25 4	19 0	19 0	20 0
Kishengurh	17 8	16 0	17 8	25 8	21 8	27 0	8 0	8 0	8 8	10 8	9 0	9 0	21 8	21 0	26 8	19 0	17 0	21 0
Kerrowlee	16 0	16 0	16 4	18 8	18 8	21 0	12 8	12 8	11 0	13 8	13 8	12 8	19 0	19 0	20 0	16 0	16 0	18 8
Ulwur	18 12	18 7	17 9	24 0	23 5	22 11	8 0	8 0	8 0	11 10	11 8	11 6	23 8	23 5	23 8	17 13	17 0	19 0
Bhurtpore (City)	17 7	17 7	16 8	22 13	22 13	20 8	6 12	6 12	6 8	11 4	11 4	7 0	20 11	20 11	21 0	17 11	17 11	17 8
Ajmere	16 0	15 0	16 8	22 0	22 8	25 0	5 0	5 0	5 0	8 0	8 0	8 0	18 0	18 0	24 0	18 0	18 0	20 0
Deoli Cantonment	16 0	16 5	19 7	20 15	20 6	24 3	...	...	...	10 8	10 8	9 8	20 0	20 0	24 6	16 0	16 0	22 4
Erinpura	16 4	16 4	18 2	28 0	28 0	29 0	...	...	...	8 0	8 0	7 0	22 0	22 0	23 0	22 0	23 0	23 0
Sirohee	17 8	17 0	18 0	29 0	28 0	27 0	7 0	7 0	6 8	8 0	8 0	8 0	17 0	17 0	18 0	21 0	21 0	23 0
Abu	15 12	15 6	15 6	23 0	22 12	22 12	6 8	6 8	5 8	8 0	8 0	7 10	...	...	...	18 0	18 0	18 4
Anadra	17 12	17 8	17 4	26 0	26 0	27 0	7 0	7 8	6 0	9 0	9 0	8 8	...	...	...	21 0	21 0	21 0
Hilly Tracts of Meywar	22 0	22 0	23 0	28 0	28 0	36 0	...	...	...	18 0	18 0	15 0	...	...	...	...	...	...
Meywar (Oodeypore)	15 3½	15 0½	16 6½	20 11¼	19 14½	21 14	10 2¼	10 2⅔	7 13	...	...	...	...	...	...	...	...	...
Bánswára (Meywar Agency)	22 8	22 8	28 12	...	...	...	10 0	10 0	7 8	18 12	18 12	17 8	...	...	...	...	...	...
Partábgarh („)	17 6	16 11	18 2	...	...	...	10 15	10 15	7 8	12 13	13 7	12 8	...	...	...	...	...	...
Marwar (Jodhpore)	15 15	15 15	15 2	22 8	21 4	18 12	6 4	6 4	5 0	7 8	7 8	6 4	22 8	22 8	18 12	20 0	18 12	17 8
Bikaneer	11 8	12 0	...	...	...	...	3 4	3 1	...	6 12	6 8	...	...	...	...	18 0	17 10	...
Boondee	17 0	17 0	24 0	27 0	27 0	32 0	9 8	9 0	7 8	10 0	9 8	9 0	27 0	28 4	32 0	...	...	...
Kotah	16 12	16 8	26 4	19 4	19 4	35 0	8 12	8 12	7 12	11 12	11 0	10 0	21 8	20 4	44 0	16 0	16 0	17 0
Tonk	14 4	14 0	18 5	20 5	20 14	23 2	7 0	7 0	7 0	9 12	10 0	9 0	22 12	22 6	26 6	18 0	17 8	22 0
Jhallawar	16 1	16 1	22 7½	15 14	15 14	27 14	...	...	...	8 14	8 14	8 13½	17 4	16 4	30 1½	13 6	13 6	13 3½
Shahpoora	16 1	16 0	18 12	20 6	21 8	23 4	10 4	9 4	9 4	14 8	13 2	13 2	16 8	17 0	20 4	16 5	16 4	15 12
Dholpur	17 9	17 5	17 0	24 3	23 15	20 8	10 2	10 2	7 14	12 6	12 6	11 13	21 10	21 8	19 1	21 15	20 6	18 9
Indore	15 0	14 1	18 9	...	...	...	10 0	10 0	8 0	12 0	12 0	8 9	21 5	20 0	38 6	20 0	20 0	26 2
Gwalior	15 9	15 11	16 2	18 12	21 0	19 11	7 7	7 5	6 14	9 10	9 11	9 10	20 1	20 1	18 1	19 7	18 4	17 2
Goona	20 0	21 0	28 0	17 0	17 0	21 0	9 8	9 12	9 8	10 0	10 0	10 0	24 0	26 0	35 0	16 0	...	21 0
Baghelkhand (Sutna)	21 1	21 0	22 0	32 0	32 0	32 0	8 0	8 0	7 0	18 0	18 0	18 10	32 0	32 0	30 0	24 0	24 0	16 0

Districts.	Lesser Millets, Ragi, &c. (Kavaru, Varagu, Sawee, Cheena, Coraloo, Murhwa, Nuglee), *Panicum Miliaceum, &c.*			Gram.			Firewood.			Salt.						Districts.
										Wholesale.			Retail.			
	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	
	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	
Bangalore																Bangalore
Kolar																Kolar
Túmkúr																Túmkúr
Mysore	...	...	...	...	...	...	...	...	...	...	...	...	No return received			Mysore
Hassan																Hassan
Shimoga																Shimoga
Kadur																Kadur
Chitaldroog																Chitaldroog
Coorg	19 10	19 9	22 5	19 10	20 7	24 7	110 0	110 0	110 0	8 13	9 0	...	8 4	8 6	8 0	Coorg
Jeypore	...	...	...	18 0	18 0	18 0	...	...	...	14 4	14 4	...	14 0	14 0	11 0	Jeypore
Kishengurh	...	...	...	21 8	20 8	26 8	...	...	...	...	...	...	16 4	16 0	12 8	Kishengurh
Kerrowlee	...	...	...	18 8	18 8	17 0	...	...	...	13 1	13 1	...	13 0	13 0	10 0	Kerrowlee
Ulwur	...	...	...	23 3	22 8	18 6	...	...	...	15 13	15 13	...	15 4	15 0	12 5	Ulwur
Bhurtpore (City)	...	...	...	21 7	21 7	19 0	...	...	...	12 0	12 0	...	11 8	11 8	11 8	Bhurtpore (City)
Ajmere	...	...	...	21 0	21 8	21 0	70 0	70 0	70 0	...	...	...	15 0	15 0	12 0	Ajmere
Deoli Cantonment	...	...	...	19 8	20 5	20 12	...	...	...	...	...	...	12 8	13 0	11 0	Deoli Cantonment
										Rs. A. P.	Rs. A. P. per md.	Rs. A. P.				
Erinpura	...	...	...	22 0	22 0	22 4	160 0	160 0	160 0	3 1 2	3 1 2	...	12 0	12 0	10 8	Erinpura
Sirohee	...	...	...	24 0	23 0	20 0	160 0	160 0	120 0	3 0 0	3 0 0	...	12 5	12 5	11 7	Sirohee
Abu	...	...	...	20 0	19 0	16 6	160 0	160 0	160 0	3 8 0	3 8 0	...	11 8	11 0	10 8	Abu
Anadra	...	...	...	22 0	21 2	18 12	...	...	...	3 4 0	3 4 0	...	12 4	12 4	11 8	Anadra
Hilly Tracts of Meywar	...	...	...	26 0	26 0	33 0	*	*	*	...	...	...	10 0	10 0	8 0	Hilly Tracts of Meywar
										S. Ch.	S. Ch.	S. Ch.				
Meywar (Oodeypore)	...	...	...	16 0½	17 9½	21 14	200 0	200 0	200 0	10 2½	9 12¼	...	9 12½	9 9	7 0½	Meywar (Oodeypore)
Bánswára (Meywar Agency)	...	...	...	40 0	35 0	60 0	...	...	...	...	...	...	11 4	11 4	9 6	Bánswára (Meywar Agency)
Partábgarh („)	...	...	...	20 15	20 15	27 8	...	...	...	...	...	...	10 0	10 0	8 12	Partábgarh („)
										Rs. A. P.	Rs. A. P. per md.	Rs. A. P.				
Marwar (Jodhpore)	...	...	...	19 11	19 6	15 0	...	...	...	2 9 0	2 9 0	...	15 0	15 0	14 6	Marwar (Jodhpore)
										S. Ch.	S. Ch.	S. Ch.				
Bikaneer	...	...	...	17 12	17 8	...	...	...	...	...	...	...	11 8	11 8	11 8	Bikaneer
Boondee	...	...	...	24 8	28 4	32 8	120 0	120 0	160 0	11 12	11 12	7 4	11 8	11 8	...	Boondee
Kotah	...	...	...	24 12	24 8	32 8	240 0	240 0	240 0	12 12	12 4	...	12 4	11 12	8 9	Kotah
Tonk	...	...	...	20 8	20 6	22 8	160 0	160 0	100 0	12 0	12 0	10 8	11 12	11 12	...	Tonk
Jhallawar	...	...	...	21 4	20 1	28 4	...	...	...	9 15	9 15	...	9 11½	9 11¼	7 1	Jhallawar
Shahpoora	...	...	...	19 0	19 3	22 0	160 0	160 0	160 0	13 8	13 8	10 6	13 4	13 4	...	Shahpoora
Dholpur	...	...	...	23 1	22 9	19 0	...	...	...	12 15	12 15	10 11	12 2	12 2	10 0	Dholpur
Indore	...	...	...	19 9	19 9	24 0	100 0	100 0	100 0	12 0	12 0	...	11 11	11 6	6 4	Indore
Gwalior	...	...	...	20 1	19 9	16 11	100 6	91 4	109 8	...	...	...	11 10	11 7	9 15	Gwalior
Goona	...	...	...	24 8	25 0	35 0	200 0	200 0	200 0	11 8	11 8	...	11 0	11 0	9 0	Goona
Baghelkhand (Sutna)	...	...	...	30 2	30 0	27 1	160 0	160 0	160 0	12 7	12 5	...	11 10	11 10	10 12	Baghelkhand (Sutna)

* Eight pies per bundle.

DEPARTMENT OF FINANCE AND COMMERCE,
(*Statistical Branch.*)

D. M. BARBOUR,
Secretary to the Government of India.

DEPARTMENT OF FINANCE AND COMMERCE.

SUPPLEMENT TO THE STATEMENTS OF PRICES CURRENT OF FOOD-GRAINS FOR THE 2nd HALF OF JUNE AND 2nd HALF OF JULY 1882, PUBLISHED IN PAGES 978, 979, 1134, 1135, 1136 AND 1137 OF THE SUPPLEMENT TO THE "GAZETTE OF INDIA," DATED 29th JULY AND 26th AUGUST 1882.

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

(Columns: Wheat, Barley, Rice — Best sort, Rice — Common, Great Millet (Cholum, Jowar), *Holcus Sorghum*, Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata*, Lesser Millets, Ragi, &c. (Kavaru, Veragoo, Sawee, Cheena, Coraloo, Murhwa, Nuglee, &c.), *Panicum Miliaceum, Eleusine Coracana, &c.*, Gram, Firewood: each Present fortnight (P.), Past fortnight (Pa.), Corresponding fortnight of last year (C.) — S. C.; Salt — Wholesale and Retail: Present fortnight, Past fortnight, Corresponding fortnight of last year — S. C.; Average Wages per Month: Able-bodied Agricultural Labourer, Syce or Horse-keeper, Common Mason, Carpenter, or Blacksmith — Rs. A. P.)

Provinces.	Station	Wheat P.	Wheat Pa.	Wheat C.	Barley P.	Barley Pa.	Barley C.	Rice best P.	Rice best Pa.	Rice best C.	Rice common P.	Rice common Pa.	Rice common C.	Great Millet P.	Great Millet Pa.	Great Millet C.	Bulrush Millet P.	Bulrush Millet Pa.	Bulrush Millet C.	Lesser Millets P.	Lesser Millets Pa.	Lesser Millets C.
		S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.
	2nd half of June 1882.																					
Madras.	Nilgiris	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	2nd half of July 1882.																					
Central Provinces.	Nagpur	17 4	17 0	18 4	...	...	...	8 8	8 8	9 8	16 4	16 0	14 0	25 0	24 12	28 12	...	...	...	...	...	...
	Bhandara	17 8	18 0	21 8	...	...	...	10 8	11 4	10 0	19 0	19 12	16 8	23 0	24 12	23 8	...	...	...	...	...	...
	Chanda	17 0	17 0	23 0	...	...	...	...	...	...	14 0	12 8	14 8	21 0	21 0	31 0	...	...	...	...	...	...
	Wardha	18 8	20 4	23 0	...	...	...	8 12	8 12	8 12	14 12	16 4	11 8	23 0	23 0	30 0	...	...	...	...	...	...
	Balaghat	17 0	17 0	25 0	...	...	...	15 0	15 0	15 0	22 0	22 0	25 0	...	...	...	...	...	...	...	...	...
	Jubbulpore	17 0	16 8	21 0	24 0	20 0	20 0	10 8	10 0	10 4	14 0	15 0	16 0	18 0	...	30 0	15 8	16 0	17 0	...	...	...
	Saugor	19 0	19 0	34 0	...	...	...	8 0	8 0	8 0	9 0	9 0	9 0	...	...	...	...	...	...	...	...	...
	Damoh	24 0	23 0	49 0	...	...	...	14 0	12 12	12 12	15 0	13 12	13 12	...	...	...	...	...	...	10 0	...	...
	Seoni	19 0	18 0	27 0	...	...	...	12 8	11 8	12 0	16 0	15 8	17 8	...	...	...	...	...	...	...	...	...
	Mandla	26 0	20 0	30 0	...	...	...	15 8	15 8	14 0	20 8	19 8	19 0	...	...	...	...	...	...	25 0	25 0	35 0
	Betul	16 0	16 0	30 0	...	...	...	9 0	10 0	13 0	10 0	10 8	14 0	20 0	20 0	42 0	...	...	...	14 0	15 0	27 0
	Chhindwara	18 0	18 0	26 0	...	...	...	8 0	8 0	10 0	13 0	14 0	14 0	23 0	23 0	40 0	...	...	...	18 0	18 0	26 0
	Hoshangabad	15 7	15 7	20 8	...	...	...	4 8	4 0	4 4	10 13	11 4	9 8	23 14	21 0	31 8	18 0	18 0	19 0	...	...	...
	Narsinghpur	14 8	14 8	19 8	...	...	...	9 8	9 8	10 0	12 8	12 8	11 0	...	...	...	...	...	...	...	...	...
	Nimar	14 0	14 0	20 15	...	...	...	...	...	...	11 8	11 1	11 8	21 0	21 0	44 15	21 0	21 0	32 15	...	...	...
	Raipur	29 8	29 0	40 0	...	...	...	21 0	21 0	22 0	45 8	37 0	38 0	...	...	...	...	...	...	...	...	...
	Sambalpur	24 0	24 0	29 0	...	...	...	32 8	35 0	30 0	36 0	42 0	45 0	...	...	...	...	...	...	...	...	...
	Bilaspur	45 0	45 0	52 0	...	...	...	40 0	45 0	40 0	72 0	72 0	64 0	...	...	...	...	...	...	150 0	150 0	130 0
Rajputana.	Bikaneer	12 0	12 0	...	...	...	...	3 1	3 2	...	6 8	6 8	...	...	...	...	17 10	17 4	...	...	...	...

Provinces.	Station	Gram P.	Gram Pa.	Gram C.	Firewood P.	Firewood Pa.	Firewood C.	Salt Wholesale P.	Salt Wholesale Pa.	Salt Wholesale C.	Salt Retail P.	Salt Retail Pa.	Salt Retail C.	Able-bodied Agricultural Labourer	Syce or Horse-keeper	Common Mason, Carpenter, or Blacksmith
		S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	Rs. A. P.	Rs. A. P.	Rs. A. P.
	2nd half of June 1882.															
Madras.	Nilgiris	...	...	...	...	...	...	...	...	...	...	...	...	8 0 0	8 0 0	27 8 0
	2nd half of July 1882.															
Central Provinces.	Nagpur	22 0	22 0	21 4	130 0	130 0	120 0	11 8	11 8	10 8	11 4	11 4	10 4	...	...	...
	Bhandara	23 0	22 4	27 0	...	...	...	11 0	11 0	9 8	10 8	10 12	9 0	...	...	...
	Chanda	25 0	23 0	23 0	360 0	360 0	360 0	...	...	...	10 0	8 8	8 8	...	...	...
	Wardha	24 0	24 0	23 0	125 0	125 0	130 0	12 4	12 4	10 12	12 0	12 0	10 8	...	...	...
	Balaghat	25 0	28 0	32 0	275 0	275 0	275 0	10 0	10 0	...	10 0	10 0	9 0	...	...	...
	Jubbulpore	28 0	28 0	33 0	120 0	120 0	120 0	11 12	12 0	...	11 8	11 8	9 0	...	...	...
	Saugor	24 0	24 0	41 0	160 0	160 0	120 0	8 8	8 8	...	8 4	8 4	7 4	...	...	...
	Damoh	35 0	39 0	74 0	200 0	200 0	200 0	9 0	9 4	6 12	8 8	9 0	6 8	...	...	...
	Seoni	24 0	23 8	39 0	210 0	210 0	230 0	11 0	10 12	7 0	10 8	10 8	7 0	...	...	...
	Mandla	35 0	35 0	65 0	240 0	240 0	256 0	...	...	...	9 8	9 8	6 8	...	...	...
	Betul	17 0	17 0	40 0	240 0	240 0	240 0	9 0	9 8	9 8	8 8	9 0	9 0	...	...	...
	Chhindwara	23 0	23 0	40 0	200 0	200 0	200 0	10 0	10 0	8 0	9 0	9 0	8 0	...	...	...
	Hoshangabad	25 5	23 10	38 8	160 0	160 0	120 0	9 8	8 14	...	9 0	8 8	5 0	...	...	...
	Narsinghpur	26 0	26 0	40 0	160 0	160 0	160 0	10 8	10 8	6 8	10 0	10 0	6 0	...	...	...
	Nimar	22 0	22 0	27 0	120 0	120 0	160 0	13 0	13 4	10 5	12 12	13 0	9 13	...	...	...
	Raipur	31 8	32 0	32 12	60 0	60 0	60 0	8 9	8 4	7 2	8 6	7 12	7 0	...	...	...
	Sambalpur	29 4	30 0	28 0	120 0	120 0	110 0	10 0	10 0	5 0	9 0	9 0	4 8	...	...	...
	Bilaspur	42 0	48 0	46 0	120 0	120 0	120 0	...	...	...	7 0	7 0	7 0	...	...	...
Rajputana.	Bikaneer	17 8	6 10	...	...	...	...	...	...	...	11 8	11 8	11 8	...	...	...

D. M. BARBOUR,
Secretary to the Government of India.

DEPARTMENT OF FINANCE AND COMMERCE,
(*Statistical Branch.*)

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

STATEMENT OF IRRIGATION OPERATIONS OF THE RABBI CROP OF 1881-82 IN THE PUNJAB.

STATEMENT No. I.

IRRIGATION OPERATIONS OF THE RABBI CROP OF 1881-82.

Comparative Abstract of Irrigation and Rainfall in Canal Districts of the Punjab.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
DISTRICTS.	Area in acres.	Cultivated area in acres.	Area irrigated. Rabbi, 1881-82.	Area irrigated. Rabbi, 1880-81.	Comparison with last Crop. Increase.	Comparison with last Crop. Decrease.	Rainfall in Rabbi Months. October. 1881.	October. 1880.	November. 1881.	November. 1880.	December. 1881.	December. 1880.	January. 1882.	January. 1881.	February. 1882.	February. 1881.	March. 1882.	March. 1881.	Total. 1881-82.	Total. 1880-81.
Umballa	1,644,849	951,890	769	1,158	...	389	...	...	...	0·1	...	1·0	2·8	0·1	2·0	0·9	0·1	2·5	4·9	4·6
Karnal	1,533,990	680,319	33,116	24,873	8,243	...	...	...	...	0·1	...	0·9	2·6	...	1·9	0·3	...	1·9	4·5	3·2
Rohtak	1,159,350	906,022	26,263	19,391	6,872	...	...	...	...	...	...	0·9	2·1	0·1	1·0	0·3	...	2·5	3·1	3·8
Delhi	804,933	525,676	21,938	8,029	13,909	...	...	...	...	0·4	...	1·1	0·9	...	0·7	0·4	...	2·0	1·6	3·9
Hissar	2,265,428	1,161,761	26,685	40,064	...	13,379	...	...	...	1·2	...	0·8	2·3	...	0·5	0·7	...	1·4	2·8	4·1
Jind	...	...	23,448	27,771	...	4,323	0·3	...	...	...	...	1·1	2·6	...	0·3	...	...	0·3	3·2	1·4
Bikaner	...	...	605	280	325	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gurgaon	1,240,366	993,512	...	743	...	743	...	...	...	0·2	...	0·9	...	...	...	0·5	...	1·6	...	3·2
Total W. J. Canal	8,648,916	5,219,180	132,824	122,309	29,349	18,834	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gurdaspur	1,168,314	856,230	12,087	15,068	...	2,981	0·3	...	...	0·2	...	1·46	2·98	...	1·31	2·39	0·11	2·58	4·70	6·63
Amritsar	1,006,798	766,773	95,937	117,221	...	21,284	...	...	...	...	...	2·8	2·57	...	1·83	2·15	0·12	2·40	4·52	7·35
Lahore	2,334,552	1,161,921	133,106	149,687	...	16,581	...	...	...	..	...	0·8	1·70	...	1·30	1·66	...	3·28	3·00	5·74
Total B. D. Canal	4,509,664	2,787,924	241,130	281,976	...	40,846	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lahore	Given	above.	39,253	28,192	11,061	...	...	...	...	...	...	1·15	1·55	0·03	0·60	1·10	...	1·70	2·15	3·99
Montgomery	3,567,740	357,622	101,547	46,098	55,449	...	...	...	...	...	...	0·30	1·50	...	1·40	0·90	...	1·90	2·90	3·10
Mooltan	3,763,200	799,360	146,505	137,374	9,131	...	...	...	...	...	...	0·5	0·40	...	0·20	0·20	...	1·00	0·80	1·70
Dera Ghazi Khan	2,801,280	1,008,000	62,020	43,311	18,710	...	...	...	...	...	...	0·3	0·05	..	0·60	0·30	...	0·85	0·65	1·45
Shahpur	3,002,132	524,988	4,385	3,429	957	...	1·1	...	...	0·2	...	0·6	1·40	...	...	...	...	1·80	2·50	2·60
Muzaffargarh	2,007,819	397,529	*114,248	90,352	23,896	...	...	...	...	...	...	0·2	0·15	...	0·20	1·10	0·10	0·80	0·45	2·10
Total Inundation Canals	15,142,481	3,087,499	467,954	348,756	119,204	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
GRAND TOTAL	28,301,061	11,094,603	841,912	753,041	148,553	59,680	...	...	...	...	...	...	...	...	...	...	..	...	...	...

	Acres.
Area irrigated 1881-82	841,912
Ditto 1880-81	753,041
Net Increase ...	88,871

* Of the 114,248 acres irrigated in the Muzaffargarh District, 21,070 acres are on account of Dofasli land which, if deducted, leave the actual area as 93,178.

STATEMENT No. II.

IRRIGATION OPERATIONS OF THE RABBI CROP OF 1881-82.

Statement in Acres of Crops irrigated in Canal Districts.

Description of Crops.	Umballa.	Karnal.	Rohtak.	Delhi.	Hissar.	Jind.	Bikaner.	Gurdaspur.	Amritsar.	Lahore.	Montgomery.	Mooltan.	Dera Ghazi Khan.	Shahpur.	Gurgaon.	Muzaffargarh	Total.
Wheat	382	25,214	21,819	17,767	10,123	17,447	301	8,188	68,873	129,613	65,164	104,935	57,731	3,426	...	66,562	606,825
Barley	14	701	63	...	495	455	76	405	2,151	3,483	2,713	2,625	28	111	...	1,488	14,811
Mixed Grain	57	1,688	1,854	819	2,729	4,156	73	518	2,191	8,971	9,219	...	2,235	116	...	16,078	50,704
Others	366	5,480	2,527	3,352	4,038	1,390	155	2,976	22,722	30,292	24,451	38,945	2,026	732	...	30,120	169,572
Total Rabbi, 1881-82	769	33,116	26,263	21,938	26,685	23,448	605	12,087	95,937	172,359	101,547	146,505	62,020	4,385	...	114,248	841,912
Total Rabbi, 1880-81	1,158	24,873	19,391	8,029	40,064	27,771	280	15,068	117,221	177,879	46,098	137,374	43,311	3,429	743	90,352	753,041

STATEMENT No. III.

IRRIGATION OPERATIONS OF THE RABBI CROP OF 1881-82.

Statement in Acres of Crops irrigated in Canal Divisions.

Description of Crops.	Western Jumna Canal. Karnal Division.	Western Jumna Canal. Hansi Division.	Western Jumna Canal. Delhi Division.	Western Jumna Canal. Total.	Bari Doab Canal. 1st Division.	Bari Doab Canal. 2nd Division.	Bari Doab Canal. Total.	Upper Sutlej Division Inundation Canals.	Lower Sutlej and Chenab Division Inundation Canals.	Dera Ghazi Khan Division Indus Canals.	Shahpur Canals.	Muzaffargarh Canals Division.	Total.
Wheat	6,202	51,520	44,611	102,333	35,235	143,505	178,740	93,098	104,935	57,731	3,426	66,562	606,825
Barley	459	1,348	...	1,807	530	4,985	5,515	3,237	2,625	28	111	1,488	14,811
Mixed Grain	66	8,989	2,321	11,376	1,013	5,342	6,355	14,544	...	2,235	116	16,078	50,704
Others	2,303	7,021	7,984	17,308	9,017	41,503	50,520	29,921	38,945	2,026	732	30,120	169,572
Total Rabbi, 1881-82	9,030	68,878	54,916	132,824	45,795	195,335	241,130	140,800	146,505	62,020	4,385	114,248	841,912
Total Rabbi, 1880-81	5,153	85,046	32,110	122,309	52,164	229,812	281,976	74,290	137,374	43,311	3,429	90,352	753,041

R. HOME, *Lieut.-Colonel, R.E.,*
Offg. Joint-Secretary to Govt., Punjab, P. W. D., Irrigation Branch.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

RAILWAY TRAFFIC.

No. XXXI OF 1882.

APPROXIMATE STATEMENT OF GROSS RECEIPTS AND EXPENSES OF INDIAN RAILWAYS.

Latest return received.	Railways.	Total mean length open.	Receipts for week ending 6th August 1881. Total.	Per mile open.	Total mean length open.	Receipts for week ending 5th August 1882. Total.	Per mile open.	Total Receipts from 1st April to 6th August 1881. Total.	Per mile open per week.	Total Receipts from 1st April to 5th August 1882. Total.	Per mile open per week.	Total Increase in 1882-83.	Total Decrease in 1882-83.
	Guaranteed.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
12th Aug. 1882	Eastern Bengal ...	172	1,35,256	786	172	1,16,366	676	13,10,087	421	11,03,550	450	63,463	...
12th ditto ...	Oudh and Rohilkhand	547	60,989	111	547	77,082	141	17,37,677	174	18,47,735	186	1,10,058	...
12th ditto ...	Sind, Punjab and Delhi	676	1,29,433	191	676	1,56,511	232	30,97,026	251	34,57,625	282	3,60,599	...
12th ditto ...	Madras ...	858	1,09,568	128	858	1,28,877	150	22,94,413	146	25,21,757	162	2,27,344	...
5th ditto ...	South Indian ...	655	65,078	99	655	60,228	92	13,92,192	116	13,77,918	116	...	14,274
12th ditto ...	Great Indian Peninsula	1,139	3,78,537	263	1,150	4,28,325	295	1,18,87,304	449	1,26,90,982	482	8,03,678	...
5th ditto ...	Bombay, Baroda and Central India ...	444	72,185	163	461	1,02,059	221	39,24,777	484	39,45,637	472	20,860	...
	TOTAL ...	4,491	9,51,046	198	4,819	10,69,478	222	2,56,73,776	2.3	2,72,45,204	311	15,71,428	...
	State.												
12th ditto ...	East Indian ...	1,504	6,21,175	113	1,507	8,61,996	574	1,44,96,026	526	1,58,37,845	579	13,41,819	...
12th ditto ...	Calcutta and South-Eastern ...	28	1,938	69	33	2,740	83	55,771	109	72,981	134	17,207	...
12th ditto ...	Nalhati ...	27	972	36	27	1,172	43	22,222	45	24,087	49	1,865	...
12th ditto ...	Northern Bengal ...	233	29,663	127	230	35,510	154	5,38,351	127	6,50,613	155	1,12,262	...
12th ditto ...	Tirhoot ...	76	8,166	107	75	11,049	147	2,00,811	143	2,23,696	147	13,885	...
12th ditto ...	Patna-Gya ...	57	6,178	108	57	6,079	107	1,54,371	148	1,60,058	155	5,687	...
12th ditto ...	Muttra-Hathras ...	29	2,949	102	29	1,670	58	45,838	86	38,891	74	...	6,947
12th ditto ...	Cawnpore-Furrakhabad	86	3,838	45	87	5,169	59	93,015	59	1,16,767	74	23,752	...
12th ditto ...	Dildarnagar-Ghazipur	12	471	39	12	577	48	15,721	71	17,620	81	1,899	...
12th ditto ...	Rajputana-Malwa ...	1,016	1,00,479	99	1,117	1,29,471	116	30,39,299	161	36,60,152	181	6,20,853	...
12th ditto ...	Wardha Coal ...	45	8,128	187	45	1,368	30	1,79,125	218	1,86,528	228	7,403	...
12th ditto ...	Nagpur and Chhattisgarh ...	53	2,455	46	98	3,277	33	1,09,599	98	2,28,524	129	1,18,925	...
5th ditto ...	Rangoon and Irrawaddy Valley ...	161	14,801	92	161	17,265	107	5,18,188	176	5,21 922	178	3,134	...
12th ditto ...	Scindia ...	75	4,647	62	75	3,611	49	1,05,091	76	1,12,622	83	7,531	...
12th ditto ...	Punjab Northern ...	363	50,978	140	412	37,528	91	10,18,196	153	10,36,106	142	17,910	...
12th ditto ...	Indus Valley and Kandahar ...	660	49,388	75	660	60,471	92	15,69,652	130	16,05,238	131	35,586	...
12th ditto ...	Muttra-Achneyra ...	...	...	...	23	1,028	45	...	...	21,709	52	21,709	...
	TOTAL ...	2,921	2,85,351	98	3,141	3,18,015	101	76,74,553	143	86,77,514	153	10,02,961	...
	Native States.												
5th ditto ...	Bhavnagar-Gondal ...	191	2,600	14	191	10,371	53	2,99,657	96	3,73,115	106	73,458	...
5th ditto ...	Nizam's ...	121	13,617	113	121	15,188	126	2,98,608	135	3,01,460	137	2,852	...
5th ditto ...	Mysore ...	58	1,780	31	86	5,112	59	51,738	49	92,426	59	40,688	...
	TOTAL ...	370	18,027	49	401	30,671	76	6,50,003	101	7,67,001	106	1,16,998	...
	GRAND TOTAL ...	9,586	18,75,599	196	9,868	22,83,160	231	1,81,91,358	276	5,25,27,564	293	10,33,206	...
	GROSS ESTIMATED EXPENSES ...	...	...	...	...	...	...	2,31,09,359	131	2,54,17,179	142	...	...
	NET RECEIPTS ...	...	...	...	...	...	...	2,50,84,999	142	2,70,80,385	151	19,95,386	...

SIMLA,
The 1st September 1882.

FRED. FIREBRACE, *Major, R.E.,*
Under Secretary.

GOVERNMENT OF INDIA.

HOME DEPARTMENT.

MEASURES TO PREVENT FREQUENT CHANGES IN THE PERSONNEL OF THE ADMINISTRATIVE STAFF OF A PROVINCE.

Nos. 33 / 1343—1351.

Extract from the Proceedings of the Government of India in the Home Department (Public),—under date Simla, the 7th September 1882.

Read the undermentioned papers :—

Home Department Circular Nos. 43-1424-1432, dated 20th September 1881.
Letter from the Government of Madras, No. 1536, dated 15th November 1881.
" " " Bombay, No. 783, dated 3rd February 1882.
" " " Bengal, No. 529A., dated 6th February 1882.
" " " North-Western Provinces and Oudh, No. 1348, dated 17th April 1882.
" " " Punjab, No. 1077, dated 12th May 1882.
" " Chief Commissioner, Central Provinces, No. 4626-294, dated 23rd December 1881.
" " " British Burma, No. 296N., dated 26th October 1881.
" " " Assam, No. 3187, dated 28th November 1881.
" " Resident at Hyderabad, No. 27, dated 18th January 1882.

RESOLUTION.

In consequence of representations made to the Government of India that the change in the furlough rules effected in 1868, whereby officers absent on leave retain a lien on their appointments, had resulted in a largely increased number of acting appointments and in frequent changes in the *personnel* of the administrative staff to the detriment of public interests, a circular was issued on the 30th September 1881, asking Local Governments and Administrations to report whether any practical inconvenience had been felt owing to the operation of the rule; and, if so, to state the remedies which might seem to them expedient to secure the effectual removal of such inconvenience.

2. From the replies which have now been received, the Governor General in Council is glad to find that nearly all the local authorities are of opinion that the supposed effect of the rule in question has been much exaggerated and misunderstood, and that the provincial statistics when carefully analysed do not justify the withdrawal of the concession whereby an officer on furlough retains a lien on his substantive appointment or on a substantive appointment of like character and not less pay.

3. At the same time there can be no doubt that in some provinces changes among the administrative, and especially among the district staff, have been more frequent than is at all desirable; and the Governor General in Council is of opinion that something should be done to check this tendency, where it exists, partly by amendment of the rules in some points of minor detail, and partly by the adoption in all Local Administrations of a settled line of policy in working the rules.

4. In the first place the enquiries recently instituted have made it clear that when unduly frequent changes in the *personnel* of the administrative staff occur, they are often not so much the effect of the existing rules as of the manner in which they are worked. Local Governments are sometimes too ready to defer to the personal wishes and inclinations of officers returning from leave; but unless they insist firmly on the principle that an officer must accept whatever appointment suitable to his rank and position in the service may chance to be available on his return, unnecessary changes take place, the public service suffers, and the convenience of other officers, more or less numerous, is sacrificed to meet the wishes of one favoured individual. The Government of India consider it undesirable that frequent transfers among district officers should take place when these can be avoided; and, while fully admitting that it is quite possible to keep an officer too long in charge of the same district, they are of opinion that the local knowledge which a district

officer is expected to possess cannot be acquired unless he remains for a reasonable period in the same appointment. His Excellency in Council is inclined to hold that it would be a distinct advantage to the public service to keep a Magistrate-Collector as a rule for five years in the same district, and that, on the other hand, after a six or seven years' incumbency a change is desirable both for the sake of the officer himself and of the district administration. It should, therefore, be understood that, unless some special circumstances render it desirable to replace an acting officer by a returning incumbent, an officer in the regular line on return from furlough should be posted to such actually vacant office as may happen to be suited to his rank and pay; and, in determining his disposal, the *only* consideration which should be allowed to weigh is the question how his services can best be utilised with the least possible disturbance of existing arrangements.

5. The Governor General in Council considers further that if measures were taken to regulate the times of return of officers from furlough so as to make these coincide better with the times of proceeding on furlough, the principal ground of dissatisfaction with the rules, from an administrative point of view, would disappear. The Local Government should have more power than it at present exercises to regulate the time of an officer's return with reference to the convenience of the public service. It ought, for instance, to be at liberty for this reason to require an officer to take less or (when to his credit) more leave than he applies for (within reasonable limits), on penalty of his forfeiting his lien upon his appointment if he declines to accept the arrangement: thus, if an officer applies for twelve months' furlough, and the Local Government is aware that it will have difficulty in providing him with a suitable appointment on the expiry of that term owing to the simultaneous return of senior men or for other reasons, it should require him to return either after, say, ten months, or fourteen months, as may best suit the requirements of the public service. At present the Government grants, as a matter of course, the precise amount of furlough asked for. It ought to have at least the same discretion in settling the leave-arrangements of its officers that a mercantile firm would exercise in granting leave of absence to its *employés*. Effect may be given to this suggestion from the 1st April 1883.

6. As the rules stand at present a Covenanted Civil Servant is only allowed to take his first furlough after eight years' residence in the country. It appears to the Government of India desirable, both in the interests of the public service and as a concession to its junior officers, that this period should be reduced, and that the first furlough should be admissible after five years' residence. It is for the public advantage that some portion of the furlough that may be earned during a civilian's term of engagement should be taken at the time when his services are of least value. A change in the furlough rules to the effect suggested will be recommended to Her Majesty's Secretary of State for India.

7. It has been brought to the notice of the Government of India that occasionally improper advantage can be taken of the rule as to lien on appointment, by officers who have much furlough to their credit and can easily procure medical certificates. The Governor General in Council thinks it would be a fair rule to lay down that if an officer within two years of his return from furlough again takes furlough on medical certificate he should not retain any lien on his appointment. A change in the furlough rules to this effect will also be recommended to Her Majesty's Government.

8. The points mentioned in paragraphs 6 and 7 are the only matters in regard to which the Governor General in Council thinks any alteration of the present rules to be necessary.

ORDER.—Ordered, that a copy of this Resolution be communicated to Local Governments and Administrations for information and guidance, and that a copy be communicated to the Department of Finance for information and with a view to the necessary reference being made to the Secretary of State on the points mentioned in paragraphs 6 and 7 of the Resolution.

Ordered also, that this Resolution be published in the Supplement to the *Gazette of India*.

A. MACKENZIE,
Secretary to the Government of India.

GOVERNMENT OF INDIA.

REVENUE AND AGRICULTURAL DEPARTMENT.

REPORTS ON THE STATE OF THE SEASON AND PROSPECTS OF THE CROPS FOR THE WEEK ENDING THE 5th SEPTEMBER 1882.

GENERAL REMARKS.—Good rain has fallen throughout the Madras Presidency; prospects of standing crops are good, and harvesting has commenced in a few places. In Coorg the monsoon has set in again; rice and *ragi* crops are doing well. In the Mysore State, in the Nizam's Territories, and the Berars there has been light rain, except in Hyderabad where it has been heavier; standing crops are in good condition and prospects are favourable. In the Bombay Presidency good rain has fallen in all districts except Guzerat, and has been beneficial to standing crops; parts of the Guzerat division are in need of more rain; locusts are reported from a few places. In the Central Provinces the *kharif* crops have benefited by the recent break in the rains and are promising well; weeding operations are in progress, and occasional showers are occurring.

In Central India and Rajputana rain has been reported from every State, except Sirohi, Jeypore, and the British district of Ajmere, and prospects are favourable everywhere except in Sirohi. Rain has also been general throughout the Punjab, except in Hissar and Peshawar. The North-Western Provinces and Oudh have had more or less good rain in all districts; early crops are being cut, and prospects of all other crops are good; more rain is now wanted in part of Lucknow only. In Bengal rain in varying quantities has fallen in all districts; prospects of the winter rice crops have improved, *jute* and sugarcane are in satisfactory condition, and the autumn harvest is progressing, with promise of a fair average outturn; a little more rain would help the transplanting of the winter rice crop in some places. In Assam the transplantation of the winter and the reaping of the early autumn crops are progressing; rain has been general; tea and sugarcane are doing well.

In British Burma good rain has fallen everywhere except in two districts, where it has been light; agricultural operations are on the whole progressing satisfactorily, except in parts of Prome and Tharrawaddy.

The general fall in the barometer noticed last week was succeeded by a rise which, beginning in Western India, spread over all parts of the country, and was again followed by a steady fall all over India.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Madras—(Sept. 7th)		
Bellary ...	1·18 (average of eight stations).	Standing crops generally good, dry partially withering in one taluk; agricultural operations progressing.
Kurnool ...	**2·40 (average of eight stations).**	**Standing crops generally good; cattle-disease in parts.**
Ganjam ...	**1·14 (average of thirteen stations).**	**Standing crops thriving generally; harvest gingelly, outturn poor; fever, small-pox, and cattle-disease continue; cholera slight.**
Kistna ...	**1·56 (average of thirteen stations).**	**Standing crops recovering, but slightly afflicted by insects in parts; harvest gingelly, yield below average; agricultural operations progressing; small-pox slight and cattle-disease general.**
Chingleput (Madras) ...	1·86 (average of eleven stations).	Standing crops good where water available; agricultural operations progressing.
Coimbatore ...	1·40 (average of fifteen stations).	Standing crops paddy promise well, though *cholum* damaged by insects in one taluk; harvest dry crops, outturn average; fever, small-pox, cholera, and cattle-disease in parts.
Tanjore ...	2·61 (average of thirteen stations).	Crops generally good; harvest dry crops, yield below average.
Madura ...	1·57 (average of ten stations).	Standing crops fair; harvest paddy, yield average; cholera in parts.
Malabar ...	1·86 (average of fourteen stations).	Harvesting first crop commenced; fever, small-pox, and cholera in parts.
Travancore ...	2·64	Harvest progressing; fever slightly prevalent. *General Remarks.*—General prospects good.
Bombay—(Sept. 6th)		
Kurrachee ...	Dadu, 1·23; Keti, ·53; Sehwan, ·34; Thána Bula Khan, ·90; Kotri, ·35; Mirpur Batoro, ·05.	River at Kotri on 4th 16 feet 11 inches, same as last year; crops damaged by excess of water; *keon* worm doing some damage in Manjhand and rats in Mirpur Batoro and Jati talukas; small-pox in two talukas; fever and cold in six talukas; wheat, red rice, and *bajri* in Kurrachee 22, 34 and 32, in Manjhand 24, 36 and 46, in Tatta 23, 32 and 42, and in Shahbandar 20, 48 and 40 lbs. per rupee, respectively.
Hyderabad ...	Rain in nine talukas; average fall, 1·12.	River falling; fever in seven talukas; small-pox in Hyderabad; wheat 25, *juari* 45, *bajri* 41, red rice 30, and white rice 22 lbs. per rupee.
Ahmedabad ...	1·16	Total rainfall 28·97; crops doing well, but more rain urgently wanted; wheat 28 and *bajri* 32 lbs. per rupee.
Baroda ...	1·30	Total rainfall 32·58; cholera at Sidhpur and near Amreli; *bajri* 33 and common rice 24 lbs. per rupee.
Surat ...	·80	Total rainfall 33·94; rain wanted for rice and *bajri*; other crops healthy; *juari* 39 lbs. and *nagli* 53 lbs. per rupee.
Násik ...	Excellent rain in all talukas; maximum in Yeola, 5·45.	Locusts in Nandgaon, Malegaon, Baghlan, and parts of Chandore destroying crops; slight cholera in Násik, Sinnar, Yeola, and Baghlan talukas; wheat 28½, *bajri* 38, and rice 28 lbs. per rupee.
Colaba (Bombay) ...	Rain every day, heavy on 2nd and 5th; total of week, 4·53.	Total rainfall to date 62·18, being 12·92 above average; abnormal temperature fell from 1° warm on 30th to 3° cool on 3rd and then rose to 1° cool on 5th; vapour in air slightly in excess of normal, abnormal wind changed gradually from north-east on 30th to east-south-east on 2nd, was from east on 3rd, and from due north on 5th; wind normal on 4th; thunder and lightning on 4th and distant lightning on 5th.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Bombay—*contd.*		
Poona ...	Rain in three eastern talukas—maximum at Indapur, 6·0; minimum at Bhimthari, 1·65; slight showers in other talukas.	Three cholera cases in Sirur taluka, 2 deaths; *bajri* 47 and *juari* 59 lbs. per rupee, in Poona *bajri* 39 and *juari* 50 lbs. per rupee.
Ahmednagar ...	Maximum at Karjat, 12·09; minimum at Kopargaon, 1·85.	Total average rainfall of the district 15·94; rainfall has been beneficial to *kharif* crops; cholera—4 attacks and 2 deaths in Parner, 6 attacks and 2 deaths in Jhamkhed, in Sheogaon no fresh attacks, 1 death; small insects like grasshoppers are reported to be doing damage to the *bajri* crop in Kopargaon and Rahuri by eating the leaves and heads of the *bajri* plants; *bajri*—maximum 66 lbs. in Jhamkhed, minimum 48 in Kopargaon; *juari*—maximum 96 lbs. in Jhamkhed, minimum 60 in Kopargaon.
Sholapur ...	6·99	Total rainfall 28·11; cholera cases 38, of which 13 were fatal; rain throughout, good for *kharif* crops; *bajri* 59 lbs. 6 tolas and *juari* 80 lbs. 6 tolas per rupee.
Dharwar ...	Rain at all stations—maximum at Hangal, 5·10; minimum at Kalghatgi, 1·60.	The rain has done good to standing crops; cotton sowing still in progress in eight talukas, but retarded in Gadag taluka owing to want of break in Karajgi; ground is being prepared for cotton and other late crops; ague in two and cattle-disease in one taluka; public health good; prices stationary.
Kanara ...	Karwar, 9·92; Kumpta, 3·98; Hallial, 3·65; Sirsi, ·91.	Total rainfall 97·00; rice crops in ear in two talukas; sugarcane and garden produce thriving; fever partial; general health good; common rice in Karwar 11 seers, in district average 13½ seers per rupee.
Rajkot ...	·58	Total rainfall 15·83; weather hot and cloudy; cholera subsiding in Rajkot town and station; crops thriving; *bajri* 28 and *juari* 32 lbs. per rupee.
		General Remarks.—Good rain has fallen, except in Guzerat districts where it is much wanted; locusts in Násik and Khandesh; fever and cattle-disease in some districts; cholera abating.
Bengal—(Sept. 6th)		
Chittagong ...	4·04	More rain wanted in some parts for winter crop; prospects fair; prices somewhat high; cholera and cattle-disease still reported.
Dacca ...	0·75	Prospects of crops good; cholera prevalent.
24-Pergunnahs (Calcutta)	2·06	Prospects of early rice, jute, and sugarcane continue satisfactory; transplanting of *amun* paddy proceeding; more rain wanted; prices of common rice stationary; public health generally good; rivers rising.
Moorshedabad ...	·28	Transplanting of *amun* proceeding; rain still generally wanted in Tandhi sub-division; health of people generally good.
Rajshahye ...	3·40	More rain required; *aus* rice and *kaon* being cut, outturn not very good; jute fair; fever prevalent.
Burdwan ...	Cutwa, 2·31; Raniganj, 1·31.	More rain wanted throughout district; prospects of *aus* and sugarcane good; health generally good.
Rungpore ...	13·23	Prospects of standing crops good; transplanting winter rice progressing; early rice and jute being reaped; public health good.
Bhagálpur ...	3·56	Rain very beneficial; prospects good; outturn autumn harvest good; winter rice still being transplanted; public health good.
Purneah ...	2·43	Late rice poor on high lands and not yet all transplanted; outturn early rice poor; fever prevalent; rivers high.
Patna ...	1·81	More rain wanted in south for transplanting winter rice; *bhadoi* crops promising and are being reaped in some parts; cholera reported from Behar.
Durbhunga ...	11·15	Crop prospects fair; prices stationary; health fair.
Hazáribágh ...	3·85	Weather sultry; *bhadoi* crops doing well; rain wanted for transplanting rice crop in some parts; health generally good.
Cuttack ...	3·42	Early rice being reaped, good crop; late rice promises well; cholera again reported.
		General Remarks.—Rain fell in all districts during the week; prospects of winter rice crop improved, but more rain wanted in some places, particularly in Burdwan and Presidency divisions; transplantation which was delayed for want of sufficient rain is still proceeding in several places; autumn harvest progressing; general prospects of fair average outturn, though in some places injured by want of sufficient rain; fever prevalent in some districts; cholera and cattle-disease exist in some districts, former severe in Chumparun and latter in Hooghly.
N. W. Provinces and Oudh—		
Benares (Sept. 5th)	·10; Chandauli, 1·90	Prospects favourable; health of men and cattle good; no more cases of cholera reported; prices slightly falling; bazars well supplied.
Allahabad („ 6th)	Rain during week in all tahsils except Soraon, abundant in Sirathu and Handia.	Weather is now fine and favourable for the crops; health good, very slight cholera; rice fallen considerably; other prices steady.
Gorakhpur („ 5th)	Abundant rain throughout the district.	Fine weather wanted to ripen the crops; cattle-disease in two tahsils, also some cholera; prices falling.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
N. W. Provinces and Oudh—*contd.*		
Jhánsi (Sept. 4th)	Average rainfall 2·0; more or less rain almost every day.	*Kharif* prospects very good; *tili* and cotton in flower; harvesting of minor grains—*kamin, sama,* &c.—commenced; *rabi* lands being ploughed; supplies abundant; prices stationary; 65 deaths from cholera during the week, except in Bhadarwara; no fresh cholera cases for last two days; cattle-disease of a mild nature in Jhánsi.
Agra („ 5th)	Rain in four parganas, from ·10 to ·30.	*Bajri* cutting commenced; slight fever continues, but general health good; prices stationary.
Bareilly („ „)	Rainfall of 28th and 29th ultimo, 9·0.	Clear and fine weather now required for rice harvest; crops excellent; cholera still about, chiefly in rural parts.
Meerut („ „)	Occasional rain	Weather seasonable; crops flourishing; health good; supplies sufficient; prices falling.
Kumaun („ „)	Rainfall of 29th and 30th ultimo, ·90.	Fine weather now; crops excellent; *jhangra* and rice being cut in some places; cattle-disease continues; health good; prices stationary.
Lucknow („ „)	Sadr, 4·10; Malihabad, 5·10; Mohanlalganj, 2·40.	The rains have done good generally to the *kharif* crops; prospects good; more rain wanted in tahsil Mohanlalganj; prices steady; cholera has decreased considerably.
Partabgarh („ „)	Rain fallen in three tahsils.	Crops looking well everywhere; *kudri dhan, makra,* and *kakoon* being cut; slight cattle-disease prevalent; cholera has almost ceased.
Sitapur („ „)	Average rainfall 6·30	*Jarhan* in *ganjar* land promises to be very fine; other rice being cut; sugarcane, *mash,* and crops in general doing well; cholera in three tahsils.
Fyzabad („ „)	Sadr, 6·30; Akbarpur, 1·20; Bikapur, 5·00; Tanda, 2·0.	Prospects good; slight cholera in tahsil Fyzabad.
Rae Bareli („ „)	General rain	Rain favourable for crops; *sawan, kakoon,* and *makra* being cut; cholera still in two tahsils; cattle-disease in some villages of tahsil Dalman; prices almost stationary.
Cawnpore („ „)	Average rainfall over 1·80.	Weather now clear; prospects excellent; cholera declining; prices nearly stationary.
Farukhabad („ „)	General rain during week.	Prospects favourable; prices steady; no sickness, except slight fever.
		General Remarks.—Heavy rain everywhere during the week, and more is now only required in part of Lucknow; a break appears to have set in; prospects good; early crops being cut; prices stationary or falling; cholera still lingers in the parts previously affected, but is decreasing; fever in Farukhabad, Moradabad, Agra, and Aligarh; slight cattle-disease continues in Oudh, Gorakhpur, Jhánsi, and Kumaun.
Punjab—(Sept. 6th)		
Delhi ...	1·5	Health fair; prices falling.
Hissar ...	No rain	Rain fell elsewhere in the division; health good; prices stationary.
Umballa ...	4·30	Health fair; prices of food-grains gradually falling.
Jullundur ...	3·40	Prices falling; health good.
Amritsar ...	4·30	Health good; prices falling.
Sialkot ...	6·0	Health good; prices falling.
Lahore ...	3·70	Health good; prices stationary.
Ferozepore ...	3·40 at Sadr	Health of district and state of crops good; prices falling.
Mooltan ...	Drizzling rain at Sadr	Crop prospects good; prices stationary; fever prevalent.
Rawalpindi ...	2·40	Slight fever in some parts of the district; prices stationary.
Dera Ismail Khan ...	3·10	Fever abating; prices steady.
Peshawar ...	No rain	Health good; prices stationary.
		General Remarks.—Rain has been general throughout the province, except in Hissar and in the Peshawar district; the health of the province is generally good, except slight fever in two or three districts; prices of food-grains are falling in the Delhi, Umballa, Jullundur, Amritsar, Sialkot, and Ferozepore districts, in the other districts they are stationary.
Central Provinces—		
Nagpur (Sept. 6th)	1·60	Weather cloudy; prospects of crops good; cholera reported; prices steady.
Jubbulpore („ 5th)	2·26	Weather cloudy and seasonable; weeding continues; prospects fair; cholera and small-pox continue; prices unchanged.
Saugor („ 4th)	1·96	Crops progressing favourably; public health good; prices steady.
Seoni („ 5th)	3·15	Weather sultry and close; weeding and ploughing progressing; *kharif* promises well; cholera reported; prices steady.
Khandwa („ „)	4·60	Weather cloudy and close; crops benefited by heavy rain; few cases of small-pox and cholera; wheat 16 seers per rupee.
Hoshangabad („ „)	4·42	Weather unusually hot; *kharif* fair; health good; wheat 15 seers per rupee.
Raipur ...	1·75	Weather warm and close; more rain wanted; crops promising; weeding in progress; few cases of cattle-disease and cholera; prices unchanged; rice 40 seers per rupee.
Sambalpur (Aug. 31st)	·02	Crops benefited by break; fever still prevalent; rice 56 seers per rupee.
		General Remarks.—Weather cloudy and close, with occasional showers; recent break beneficial to *kharif* crops, which promise well; weeding operations continue; cholera still reported from most districts; prices stationary.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
British Burma—		
(Sept. 2nd)		
Akyab ...	3·81	Total rainfall 175·22 inches; 4 deaths from cholera in towns, disease prevalent in five townships; 12 deaths from small-pox in one township and 7 deaths from cattle-disease in another.
Rangoon ...	4·65	Total rainfall 65·96 inches; public health good; crops progressing.
Bassein ...	2·85	Total rainfall 93·82 inches; public health good; 38 deaths from cattle-disease in one township and 9 in another; ploughing and transplanting still going on.
Prome ...	0·66	Total rainfall 32·54 inches; 21 deaths from cholera in one township, none in town; a few cases here and there in district; slight cattle-disease in one township; reports from outstations state that over two-thirds of the usual area has been planted out; more rain is required.
Amherst (Moulmein) ...	2·53	Total rainfall 158·86 inches; public health good both in Moulmein and district; cattle-disease still prevalent in four townships; re-sowing still going on; transplanting nearly completed.
Toungoo ...	2·47	Total rainfall 69·50; public health good. *General Remarks.*—Cholera in Akyab and Prome, and a very few scattered cases elsewhere; small-pox in Akyab, otherwise public health good; cattle-disease continues somewhat prevalent; cultivation to some extent checked in parts of Prome and Tharrawaddy by want of rain; agricultural operations generally going on well.
Assam (Sept. 6th)		
Gauhati ...	·17	Weather seasonable; transplanting of *sali* paddy in progress; public health good.
Sylhet ...	5·14	*Aus* paddy reaped, outturn not yet estimated; *sali* already transplanted; *amun*, sugarcane, and tea doing well; public health good.
Cachar ...	2·95	Weather warm; transplanting of *sali* and reaping of *dumahi* and *murali* crops continues; tea doing well; common rice 21 $\frac{5}{10}$ seers per rupee; no more cholera reported.
Dibrugarh ...	9·09	Weather seasonable; transplanting of *sali* paddy nearly finished; cattle-disease still reported; public health good.
Mysore and Coorg—		
(Sept. 6th)		
Bangalore ...	·77	Dry crops thriving, wet cultivation improving owing to tanks having received supplies of water; prospects favourable.
Mysore ...	1·02	Crops in good condition; prospects fair.
Mercara ...	0·39	Monsoon has set in again; rice and *ragi* crops doing well. *General Remarks.*—Rain continues to fall throughout the Mysore State—in Tumkur 2·29, in Hassan 2·52, Shimoga 3·30, Kadur ·43; crops in good condition; prospects favourable; prices compare favourably—in Bangalore *ragi* 26½, horse-gram 10¼, in Mysore *ragi* 25½, horse-gram 30¼, in Shimoga *ragi* 19 to 39, gram 25 to 40 seers per rupee.
Berar & Hyderabad—		
(Sept. 6th)		
Amráoti ...	**·56**	Crops in good condition; wheat 16 and *juari* 28 seers per rupee.
Akola ...	**1·25**	Prospects of crops favourable.
Hyderabad ...	**5·78**	Total rainfall from 1st January 22·89 inches; tanks have received considerable quantity of water, and standing crops much benefited; cattle-disease prevails in one taluk; prices—wheat 16¼, coarse rice 10¾, white *juari* 26, yellow *juari* 30¼, and *tur* 26 seers per current sicca rupee.
Central India States—		
(Sept. 6th)		
Indore ...	2·83; heavy intermediate showers daily.	Weather sultry; health good; prices are steady and prospects generally favourable.
Morar (Gwalior) ...	·75	Health good; prospects good.
Sutna ...	·71	Prospects good.
Neemuch ...	·90	Public health good; weather seasonable.
Goona ...	2·85	Crops good; fever prevalent in district.
Bhopal (Sehore) ...	4·25	Weather hot and raining alternately; prospects good; cholera lingers at Bhopal.
Agar ...	·50	A few cases of cholera at Agar; agricultural prospects good.
Nowgong ...	2·75	Weather seasonable; *kharif* prospects good; cholera prevalent in the cantonment, otherwise health good; prices stationary.
Manpur ...	2·10	*Makka* and *juar* crops doing well; ploughing continues; health good.
Rajputana—		
Abu (Sept. 6th)	1·09	Weather occasionally clear and cloudy and rather sultry.
Sirohi („ 3rd)	.....	Tanks, wells, and health good; prospects bad; rain much needed.
Marwar („ 1st)	1·20	Four months water in tanks; health good; crops in good condition; cloudy nights, clear and cool, dry, warm, and close; prices falling.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Rajputana—*contd.*		
Meywar (Sept. 2nd)	·12	Tanks and wells fair; prospects very good; more rain wanted.
Harowti („ „)	Deoli, ·97; Tonk, 1·29 previous week; Kotah, 6·35; Shahpura, 1·92.	Weather fine; prospects favourable; health good; prices steady.
Jhallawar (Aug. 30th)	2·09	Health and prospects good.
Ajmere (Sept. 5th)	.....	No rain; health good; slight fever in Marwar; prospects excellent.
Jeypore („ „)	*Nil*	Prospects favourable; average daily deaths from cholera in city two.
Ulwur („ „)	Rain in five tashils, average ·05.	Prospects good; health fair.
Nepal—		
Katmandu („ „)	.....	No report received.

Circular No. 44Ex.

Extract from the Proceedings of the Government of India, in the Revenue and Agricultural Department (Exhibitions),—dated Simla, the 2nd September 1882.

Read—

Prospectus of the Boston International Exhibition of 1884.

RESOLUTION.

An International Exhibition of the arts and industries of all nations is proposed to be held at Boston, the capital of New England, America, commencing about April 15th, 1884. The Government of India is not in a position to take any active part in the Exhibition, but will afford all information and facilities in its power to exhibitors who may wish to send their articles to it. With this object it has appointed Babu Trailokya Nath Mukharji, the officer in charge of work connected with Exhibitions, Department of Revenue and Agriculture, Calcutta, to receive any communication on the subject from intending exhibitors.

ORDER.—Ordered, that the above Resolution, with the Prospectus of the Boston International Exhibition, be printed in the *Gazette of India*, and be forwarded to the Local Governments and Administrations noted in the margin for publication in the local Gazettes.

Madras.
Bombay.
Bengal.
N. W. P. and Oudh.
Punjab.
Central Provinces.
British Burma.
Coorg.
Assam.
Hyderabad.

BOSTON INTERNATIONAL EXHIBITION, 1884.

Patrons: THE MASSACHUSETTS CHARITABLE ASSOCIATION, BOSTON.

PRESIDENT:

GEORGE COLLINS LEVEY, *Companion of St. Michael and St. George, Chevalier of the Legion of Honour, Knight Officer of the Crown of Italy, &c., &c.; Secretary to the Commissioners for Victoria at London and Vienna, 1873; Philadelphia, 1876; Secretary and Acting Commissioner, Paris, 1878; Secretary and General Manager to the Melbourne International Exhibition, 1880-81; Executive Commissioner for Victoria at the Amsterdam Exhibition, 1883.*

Vice-President and Treasurer:
E. R. STIMSON, TORONTO.

Bankers:
CITY BANK, THREADNEEDLE STREET, LONDON. | MAVERACK NATIONAL BANK, BOSTON.
COMMERCIAL BANK OF AUSTRALIA, MELBOURNE.

Secretary:
GENERAL C. B. NORTON, BOSTON.

1. It is proposed to hold an International Exhibition in the magnificent buildings of the Massachusetts Charitable Association at Boston, the capital of

New England, commencing about April 15th, 1884, of the arts and industries of all nations. The commercial success which has attended the recent Exhibitions in Australia—including Adelaide, a city with a population of 60,000, and the capital of a colony of 300,000; Perth, with a population of 9,000, the capital of a colony with a population of 30,000; and Christchurch, New Zealand—has induced an association of capitalists to make arrangements for holding a series of Exhibitions throughout the United States and Canada. Buildings large enough for the purpose are to be found in nearly all the large cities. The first Exhibition will be held at Boston in the Spring of 1884. Boston with its suburbs has a population of 450,000, and New England of 4,000,000. The Boston Exhibition will be kept open as long as it proves remunerative to exhibitors and promoters.

2. Applications for space, with full particulars of the intended exhibit, can be forwarded to the Secretary of the Boston International Exhibition, 1884, No. 70, Water-street, Boston, prior to December 1st, 1883, or to the President, whose address up to November 15th, 1882, will be—"Lafayette," East St. Kilda, near Melbourne, Victoria, after which it will be—care of Gibb and Macintyre 7, St. Benet Place, Gracechurch-street, London E.-C.

3. The ordinary charge for space will be two shillings for each of the first twenty square feet, and one shilling for each additional square foot; but Exhibitors desiring a frontage to the main avenue for their cases can obtain it on payment of an additional five shillings per foot of such frontage, irrespective of depth. A passage of from 2 to 3 feet will be left round each case where desired and Exhibitors desirous of having spaces against the wall should mention the fact at the time of application. In cases where the sum to be charged for space will be less than £5, the full amount must accompany the application. Where it exceeds that sum, half may be paid on application, and the other half before the opening of the Exhibition.

4. The general reception of articles in the Exhibition Building will commence about March 1st, and terminate three days before the Exhibition opens, after which date no exhibits can be received, and all vacant spaces will become forfeited.

5. All exhibits must be removed within ten days after the close of the Exhibition, after which time they will be taken away by the Executive, and stored at the risk of the owner.

6. Exhibits will be admitted in bond, and can be sold free of charge so long as they are not removed before the close of the Exhibition; but Exhibitors who wish to make sales with immediate delivery must pay duty in advance, together with a license fee of two pounds ten shillings per week per stand, payable weekly in advance.

7. All fittings, show-cases, shelves, &c., which Exhibitors require must be provided at their own expense.

8. The Executive reserve the right of rejecting any proposed exhibit, and the introduction of dangerous or offensive substances is strictly prohibited.

9. Every precaution will be taken for the safe preservation of all exhibits against theft or fire, but the Executive can take no responsibility for accidents however caused.

10. All Exhibitors will receive a bronze medal and a certificate that their exhibits were admitted to the Boston Exhibition. Under special circumstances gold and silver medals may be awarded upon the recommendation of qualified experts, one-half of whom will be nominated by the Executive, and the other half by the representatives of the foreign Exhibitors.

11. An official catalogue will be published, and no other in the English language will be allowed in the building.

12. For special concessions special arrangements will be made.

13. The Executive reserve the right of lighting the building with the electric light or with gas, keeping open at night, and of altering or amending these Regulations.

14. Responsible Agents will be appointed in all the principal countries of Europe and the East, who will treat with intending Exhibitors, and afford all information.

GEORGE COLLINS LEVEY.
E. R. STIMSON.
CHARLES B. NORTON.

E. C. BUCK,
Secretary to the Government of India.

GOVERNMENT OF INDIA.

LEGISLATIVE DEPARTMENT.

ABSTRACT OF THE PROCEEDINGS OF THE COUNCIL OF THE GOVERNOR GENERAL OF INDIA, ASSEMBLED FOR THE PURPOSE OF MAKING LAWS AND REGULATIONS UNDER THE PROVISIONS OF THE ACT OF PARLIAMENT 24 & 25 VIC., CAP. 67.

The Council met at Government House, Simla, on Wednesday, the 30th August, 1882.

PRESENT:

His Excellency the Viceroy and Governor General of India, K.G., G.M.S.I., G.M.I.E., *presiding*.
His Honour the Lieutenant-Governor of the Panjáb, K.C.S.I., C.I.E.
His Excellency the Commander-in-Chief, G.C.B., C.I.E.
The Hon'ble J. Gibbs, C.S.I., C.I.E.
Major the Hon'ble E. Baring, R.A., C.S.I., C.I.E.
Lieutenant-General the Hon'ble T. F. Wilson, C.B., C.I.E.
The Hon'ble C. P. Ilbert, C.I.E.
The Hon'ble Sir S. C. Bayley, K.C.S.I., C.I.E.
The Hon'ble T. C. Hope, C.S.I., C.I.E.
The Hon'ble C. H. T. Crosthwaite.

CENTRAL PROVINCES TENANCY BILL.

The Hon'ble MR. CROSTHWAITE asked for leave to postpone the presentation of the further Report of the Select Committee on the Bill to consolidate and amend the law relating to Agricultural Tenancies in the Central Provinces.

Leave was granted.

DEKKHAN AGRICULTURISTS' RELIEF ACT, 1879, AMENDMENT BILL.

The Hon'ble MR. HOPE moved for leave to introduce a Bill to amend the Dekkhan Agriculturists' Relief Act, 1879. He said:—

"I think that the fact of this being the second application which it has been necessary to make to this Council for the amendment of the Act of three years ago is a very remarkable illustration of the capabilities of language for concealing our thoughts.

"The original Act was framed by draftsmen of unquestionable skill; it was hotly debated on, section by section, in some instances phrase by phrase, while the disputants on both sides understood thoroughly what the words about which they were disputing were intended to mean; and yet we find, when the Act has passed into totally different hands for the purpose of being carried out, that what we deemed plain is found to be obscure; that we are told that when we thought that we were enacting white, we unmistakeably enacted black; and that some points which we deemed the Bill fully provided for are not provided for at all. No doubt we must accept this state of things with a certain amount of humility, perhaps, not unmixed with a slight sense of wrong. However, it would appear that the only course open to this Council is to introduce an amending Act so as to make the original intentions perfectly clear, and while doing this it may legitimately take the opportunity of making any minor improvements in wording and machinery, so long as these are in harmony with the intention of the original measure.

"The alterations which it is proposed to make in the Act, which I ought, perhaps, strictly speaking, to state now, when moving for leave to introduce the measure, are, in the main, three: The first consists of two or three provisions which deal with the subject of redemption. It is proposed that the provisions relating to suits for an account should apply to suits for an account and

redemption where mortgaged property is concerned, and that redemption itself should be allowed to take place though the period fixed for it may not have arrived; moreover, it is desired to carry out the intention of the original Bill, that the instalments contemplated by section 20 should be allowed in redemption-suits as well as in other suits.

"Under the second head is an amendment of sections 21 and 22, so as to carry out the original intention that they should be retro-active, and should apply to all the enormous number of old decrees which were then in existence. In consequence of their having been interpreted not to have retro-active effect, it has occurred first, that whereas we thought that we had put an end to imprisonment for debt, some sixty persons have been imprisoned during the last two years, besides which a considerable number of warrants have been issued but not executed; and secondly, that management by the Collector, which is a suitable measure for dealing with such old cases, has been held to be inapplicable.

"Next, it is proposed to make clear what was always intended, that the Courts, when directing insolvency-proceedings to be instituted, should be able to do so of their own motion, and not simply when they were moved by the judgment-creditor in the suit, who perhaps would be a person interested in the opposite direction.

"These are the three principal alterations which it is proposed to make. Besides these, there are two or three minor alterations or improvements in the detailed machinery, by which it is proposed to make the Act more consistent and harmonious. The first is that of providing for a revision instead of an appeal in all suits to which sections 12 to 15 apply, so as to avoid the anomaly of different controlling authorities dealing with the same subject. Secondly, we propose to allow the conciliators to summon either of the parties in a case who does not make his appearance, and also to limit the certificate which the conciliator gives to a certain fixed time in its operation, so as to prevent its being used as a means of intimidation for an indefinite period. Thirdly, it is proposed to give to the Special Judge power to refer any difficult case that may arise for the opinion of the High Court.

"I have only to say, in conclusion, that these imperfections have very seriously impeded the operation of the Act; more especially have they prevented the working of the compensatory powers it was intended to provide—that is to say, the giving to the creditor all that could reasonably be got out of the debtor's estate by effective management, in lieu of the powers of annoyance and oppression of which he was deprived; and even the principal machinery was not in tolerable working order until last year.

"However, it may be said with confidence that experience has hitherto uniformly shown that, in every instance in which the Act has been able to work fairly, it has worked with great success. At the same time, until complete effect has been given to all its provisions by the amending Bill which I now have the honour to ask leave to bring before the Council, and until a year or two of experience of the whole amended Act has been actually acquired, it cannot be said that even an approach to a fair trial has been afforded to it."

The Motion was put and agreed to.

BRITISH BURMA PILOTS BILL.

The Hon'ble MR. ILBERT moved that Major the Hon'ble E. Baring be added to the Select Committee on the Bill to provide for the grant of licenses to Pilots in British Burma and for investigating certain charges against them.

The Motion was put and agreed to.

The Council adjourned to Wednesday, the 6th September, 1882.

D. FITZPATRICK,

Secretary to the Government of India,
Legislative Department.

SIMLA;
The 30th August, 1882.

The Council met at Government House, Simla, on Wednesday, the 6th September, 1882.

PRESENT:

His Excellency the Viceroy and Governor General of India, K.G., G.M.S.I., G.M.I.E., *presiding*.
His Honour the Lieutenant-Governor of the Panjáb, K.C.S.I., C.I.E.
His Excellency the Commander-in-Chief, G.C.B., C.I.E.
The Hon'ble J. Gibbs, C.S.I., C.I.E.
Major the Hon'ble E. Baring, R.A., C.S.I., C.I.E.
Lieutenant-General the Hon'ble T. F. Wilson, C.B., C.I.E.
The Hon'ble C. P. Ilbert, C.I.E.
The Hon'ble Sir S. C. Bayley, K.C.S.I., C.I.E.
The Hon'ble T. C. Hope, C.S.I., C.I.E.
The Hon'ble C. H. T. Crosthwaite.
The Hon'ble W. C. Plowden.

CENTRAL PROVINCES TENANCY BILL.

The Hon'ble MR. CROSTHWAITE presented the further Report of the Select Committee on the Bill to consolidate and amend the law relating to Agricultural Tenancies in the Central Provinces.

DEKKHAN AGRICULTURISTS' RELIEF ACT, 1879, AMENDMENT BILL.

The Hon'ble MR. HOPE introduced the Bill to amend the Dekkhan Agriculturists' Relief Act, 1879.

The Hon'ble MR. HOPE also asked for leave to postpone the Motion that the Bill be referred to a Select Committee.

Leave was granted.

The Hon'ble MR. HOPE then moved that the Bill and Statement of Objects and Reasons be published in the *Bombay Government Gazette* in English and in such other languages as the Local Government might think fit.

The Motion was put and agreed to.

The Council adjourned to Wednesday, the 20th September, 1882.

D. FITZPATRICK,

Secretary to the Government of India,
Legislative Department.

SIMLA;
The 6th September, 1882.

QUESTION OF GIVING GREATER PUBLICITY TO MEASURES UNDER THE CONSIDERATION OF THE GOVERNOR GENERAL'S LEGISLATIVE COUNCIL.

No. 1030-40, dated Simla, the 8th September 1882.

From—D. FITZPATRICK, Esq., Secy. to the Govt. of India, LEGISLATIVE DEPT.,
To—All Local Governments and Administrations.

I am directed to invite ~~the attention of His Excellency the Governor in Council~~ ~~the attention of His Honour the Lieutenant-Governor~~ your attention to the question which has been recently raised in the Legislative Council and in the Press, as to the possibility of giving greater publicity to measures under the consideration of the legislature, and to request that the Government of India may be favoured with any suggestions which ~~His Excellency~~ ~~His Honour~~ you may desire to make for the improvement of the existing procedure generally, and in particular in regard to the points to be presently referred to.

2. I am, in the first place, to observe that more direct steps are already taken by the Government in India than are taken in England to make the Bills before the Legislature known to the public. In Bengal, and it is believed in other parts of India, the vernacular Gazettes are sent to all the courts, and are there read by the Pleaders and Mukhtárs. Public bodies of weight or influence are consulted on Bills of importance. Besides the large Associations to which the Local Government refers direct, there are local Associations which the district officer usually consults. Every district and subdivisional officer is expected, not only to express his own opinion, but also to ascertain the opinions of the Natives around him; and, as a matter of fact, the papers which are printed regarding important Bills commonly contain many valuable opinions from Native Associations and from individual Native gentlemen.

It must, however, be borne in mind that some of the most important Bills which come before the Council, and in particular measures like the great codifying Bills in connection with which this question has arisen, are, no matter how clearly they may be drafted, of such a nature that, even with the aid of the fullest explanations, none but experts can hope to master their contents sufficiently to offer any useful criticism on them. Similar measures meet with but little criticism in England outside professional circles, and in India the prospect of obtaining useful criticisms on measures of this class is much diminished by the difficulties of translation to which I am presently to refer.

3. The Governor General in Council would not have it supposed that these observations are made with any view to deprecating further efforts being made to attain the object desired. He is, on the contrary, fully sensible that it is the duty of the Government to give the largest practicable amount of publicity to legislative proceedings, and to afford the public every opportunity of examining them and expressing an opinion upon them, and he is satisfied that more can be done in this respect than is done at present. The matter is, however, I am to observe, one which is not altogether in the hands of the Government. The Press is the most effective agency for bringing the measures of the Government before the public and securing for them a full discussion. Without its co-operation little can be done; and the first aim of the Government accordingly should be to give the Press all the information in its power as to the object and necessity of any proposed legislation.

4. Bearing this in mind, the first change in the existing practice which is contemplated by the Government of India is the publication of a fuller and more popular Statement of Objects and Reasons, showing why the measure is required, and giving a short history of the circumstances which have led up to it, and an explanation of the effect it is likely to have on the subject-matter and on the people. Pains will in future be taken to make such statements as clear and intelligible to the ordinary unscientific mind as possible; and when the Bill has been brought in, the Bill itself and the Statement of Objects and Reasons and (when this appears desirable) the speech made by the Member in charge in moving for leave to introduce it, will be printed in separate form on cheap paper, so as to be available (with the translations to be presently referred to) for gratuitous distribution to the Press and to such Municipalities, Local Boards and Associations interesting themselves in public questions as it may be considered desirable to supply them to. These papers will further be sold at a low price to the public, and might be made available for perusal without fee at court-houses and kachahrís.

5. The matter of translations is that which next demands attention, and it is by no means so simple. The difficulties of translating the technical wording of our Bills into oriental languages, and especially into such of those languages as are so rude and meagre as to require to be supplemented from the Arabic or Sanskrit, are on all hands admitted to be very great. Whether these difficulties are at present overcome to the full extent to which it is practicable to overcome them the Government of India is not in a position to say. It is alleged by recent critics that they are not, and the point is one which must be inquired into; but however this may be, the Governor General in Council desires that no pains may be spared to make these translations as perfect as the difficulties of the case will permit.

The matter is one which, in the case of most of the languages into which translations are made, must be dealt with directly by the Local Governments; and I am to request that full information may be furnished to the Government of India as to the languages into which Bills, Statements of Objects and Reasons, and Reports of Select Committees are translated in the territories administered by [His Excellency / His Honour / you], as to the nature and cost of the agency by which the work is done, as to the means adopted for testing the accuracy of the work, and as to the quality of the work, and the measures which may be suggested for improving its quality and for ensuring an earlier publication of the translations.

6. As regards translations into Urdu, it has been suggested that it might be advantageous to have translations into that language prepared in the Translating Branch of this Department for distribution to all those parts of British India in which that language is understood. It has been said that, in most parts of the country where the people do not speak any form of Urdu, educated persons are generally able to read Urdu or understand it so as to be able to read it in a transliterated version. If this is the case, and if Local Governments are of opinion that it would be an advantage to have at least one translation available which would be understood by a considerable number of intelligent persons in each Province, and which might be relied on as being as good as the ablest translators could make it, the Government of India would be prepared to make such arrangements in the Translating Branch of this Department as might be necessary to admit of Urdu translations of Bills, Statements of Objects and Reasons and Reports being prepared here for distribution throughout British India. I am accordingly to solicit an expression of opinion on this matter.

7. Assuming the Statement of Objects and Reasons to have been prepared in the manner above indicated, and proper translations of it, and of the Bill, and of any other document it may be desirable to circulate with them, to have been made, the next question that presents itself is that as to the mode in which those documents are to be brought to the notice of the persons whose opinions it is desired to elicit. I have already said that it is the intention of the Government of India to have copies of the English versions prepared here for sale at a low price to the public, and for gratuitous distribution in certain quarters. The same thing will have to be done by the Local Governments in regard to the translations prepared under their orders; but it remains to be considered to what persons or public bodies these documents, as well as the English versions prepared here, should be distributed gratuitously, and what means should be taken to render them readily available for purchase by the public generally. This matter is one to be dealt with by the Local Governments, and I am to request that you will state what steps are at present taken by [His Excellency / His Honour / you] in regard to such distribution and sale, and what additional steps it is proposed to take in order to further the object in view, as for example, by submitting copies of the Bills and the papers connected with them to meetings of persons interested in them or otherwise.

8. I have already intimated that the Governor General in Council attaches the greatest importance to the co-operation of the Press in this important work, and it has been determined that the comments of the Press, English and Vernacular, shall be more closely watched here than they have heretofore been, and that in some cases abstracts of, and in others full extracts from, newspaper articles shall be circulated to members of the Legislative Council in the same way as regular official communications now are circulated. I am accordingly to request that particular attention may be paid to the matter of distributing copies of Bills and the documents connected with them gratuitously to the Press, and that the Government of India may be informed as to what papers, both English and Vernacular, in your Province are of sufficient importance to make it desirable that they should be supplied with copies.

9. It will be remembered, in connection with this portion of the subject, that exception has been taken to the present procedure of the Legislative

Council on the ground that, under that procedure, sufficient time for forming opinions is not allowed, especially to those who are dependent on translations which cannot be brought out for some time after the publication of a Bill; and it has been suggested that a rule of business should be framed which would preclude the Select Committees to which all Bills of any importance are referred from reporting on a Bill until a specified period has elapsed from the date of its publication in the Vernacular languages. Any such hard-and-fast rule would, in the opinion of the Governor General in Council, be altogether unworkable. The time to be allowed in each instance must depend upon all the circumstances of the case; but with a view to imposing a check upon over-haste, it has been determined to make a rule of business to the effect that, when publication in the vernacular has been ordered by the Council (as it always is in the case of any Bill in which the people are interested), the Select Committee shall, in their report, state the date on which the Bill has been published in each language. The result of this will be that, if in any case the Committee propose to proceed with a Bill before any particular section of the community has been allowed the time to form its opinion which would ordinarily be considered sufficient, the fact will be brought prominently to notice, and some special grounds of urgency will have to be adduced in support of the course proposed.

10. With respect to the republishing of Bills as amended in Select Committee, it appears to the Governor General in Council that, as a rule, it is only the first or principal Report of a Select Committee that should be published. It would be impossible to go on republishing every time a Bill was amended during its passage through the Legislative Council. Such a process would indefinitely postpone the final passing of Bills, or would prevent very useful changes, such as are constantly suggested at a late stage of a measure, being introduced, except at the cost of a delay which it might not be worth while to encounter. As regards republication in English, this matter seems to be adequately provided for by the rule of business which requires a Select Committee to report whether in their judgment the Bill has been so altered by them as to require republication.

11. As regards republication in the vernacular languages, it should be stated that, though the rules of business contain no express provision on the point, the more important Bills are at present republished in vernacular as well as in English. The question is, whether this practice should not be extended.

The Governor General in Council considers that, as a rule, when a Bill is of such a nature that the Council thinks it necessary to order it on its introduction to be published in the vernacular, and the Select Committee thinks it has been so altered as to require republication, there should be a republication in the vernacular languages as well as in English. But this, I am to observe, is not always so. It occasionally happens that the alterations in a Bill which lead the Committee to recommend its republication are alterations merely in drafting or in matters of procedure, and that republication is recommended, not because the interests of any persons concerned are supposed to be affected, but simply because, owing to the complication of the subject, or to the danger of there being some flaw which would cause a hitch in the working of the Bill as amended, it is thought desirable to submit it once more to the judgment of experts. In a case of this sort a republication in English is obviously all that is required.

This being so, it appears to the Governor General in Council that it would be impracticable to lay down any hard-and-fast rules, and that the requirements of the case will be best met by adding to the present rules of business a provision to the effect that, when the Committee recommend the republication of a Bill originally published in a vernacular language, the republication shall, as a rule, take place in the vernacular as well as in English, and that, if in any case the Committee do not consider republication in the vernacular to be necessary, they shall give their reasons for that opinion in their Report. When an amended Bill with its accompanying Report is to be republished in the vernacular languages, the Report, it need hardly be said, will be drawn up in the

full and popular style which is to be adopted in the Statement of Objects and Reasons; and the publication, translation and distribution, and the time to be allowed for the formation and communication of opinions, will be governed by the same rules as in the case of an original Bill.

12. In conclusion, I am to inform you that this letter will be published in the *Gazette of India* and communicated to the Press with a view to eliciting suggestions; and I am to request that it may be published also in the local Gazette and communicated to such public bodies and leading members of the Native community as may be expected to give intelligent opinions on the points to which it refers.

I am to request that your reply to this letter may be sent at an early date.

D. FITZPATRICK,

Secretary to the Government of India.

Printed and Published for the GOVERNMENT OF INDIA *at the* GOVERNMENT CENTRAL BRANCH PRESS, *Simla.*



SUPPLEMENT TO

The Gazette of India.

№ 37.} CALCUTTA, SATURDAY, SEPTEMBER 16, 1882.

OFFICIAL PAPERS.

A SUPPLEMENT *to the* GAZETTE OF INDIA *will be published from time to time, containing such Official Papers and information as the Government of India may deem to be of interest to the Public, and such as may usefully be made known.*

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GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

RAILWAY TRAFFIC.

No. XXXII of 1882.

APPROXIMATE STATEMENT OF GROSS RECEIPTS AND EXPENSES OF INDIAN RAILWAYS.

Latest return received.	Railways.	Total mean length open.	Receipts for week ending 13th August 1881. Total.	Per mile open.	Total mean length open.	Receipts for week ending 12th August 1882. Total.	Per mile open.	Total Receipts from 1st April to 13th August 1881. Total.	Per mile open per week.	Total Receipts from 1st April to 12th August 1882. Total.	Per mile open per week.	Total Increase in 1882-83.	Total Decrease in 1882-83.
	Guaranteed.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
19th Aug. 1882	Eastern Bengal ...	172	1,46,231	850	172	1,24,202	723	14,86,318	443	15,27,842	464	41,524	...
12th ditto ...	Oudh and Rohilkhand	547	66,814	122	547	65,476	120	18,04,491	171	19,13,212	183	1,08,721	...
19th ditto ...	Sind, Punjab and Delhi	676	1,26,237	187	676	1,20,760	179	32,23,263	247	35,53,211	274	3,29,948	...
12th ditto ...	Madras ...	858	1,16,491	136	861	1,25,634	146	24,10,904	146	26,47,391	161	2,36,487	...
5th ditto ...	South Indian ...	655	64,097	98	...	(*a*)...	...	(*b*)13,92,492	116	(*c*)13,77,918	116	...	14,574
19th ditto ...	Great Indian Peninsula	1,439	4,06,876	283	1,450	4,68,565	323	1,22,94,180	440	1,31,59,547	474	8,65,367	...
19th ditto ...	Bombay, Baroda and Central India ...	444	75,640	170	461	1,05,674	229	40,00,417	467	40,56,756	460	56,339	...
	Total ...	4,791	10,02,386	209	4,167	10,10,401	242	2,66,12,065	288	2,82,35,877	306	16,23,812	...
	State.												
19th Aug. 1882	East Indian ...	1,504	6,19,195	432	1,507	7,91,983	526	1,51,45,221	521	1,66,29,828	576	14,84,607	...
12th ditto ...	Calcutta and South-Eastern ...	28	2,226	79	33	2,530	77	58,000	107	73,184	127	15,184	...
19th ditto ...	Nalhati ...	27	1,045	39	27	1,108	41	23,267	45	25,254	49	1,987	...
12th ditto ...	Northern Bengal ...	233	31,287	134	230	36,250	158	5,69,638	128	6,86,863	155	1,17,225	...
19th ditto ...	Tirhoot ...	76	7,747	102	75	11,295	151	2,17,558	141	2,34,992	148	17,434	...
19th ditto ...	Patna-Gya ...	57	5,992	105	57	6,178	108	1,60,363	146	1,66,524	153	6,161	...
19th ditto ...	Muttra-Hathras ...	29	3,325	115	29	1,769	61	49,168	88	40,660	73	...	8,508
19th ditto ...	Cawnpore-Furrakhabad	86	4,015	47	87	5,882	68	97,030	59	1,22,649	74	25,619	...
12th ditto ...	Dildarnagar-Ghazipur	12	436	36	12	488	41	16,157	70	18,108	79	1,951	...
19th ditto ...	Rajputana-Malwa ...	1,016	1,04,056	102	1,117	1,50,581	135	31,43,355	160	38,10,733	178	6,67,378	...
12th ditto ...	Wardha Coal ...	45	9,259	206	45	13,141	292	1,88,384	217	1,99,671	232	11,287	...
12th ditto ...	Nagpur and Chhattisgarh ...	53	2,980	56	98	4,425	45	1,12,579	96	2,33,403	125	1,20,824	...
12th ditto ...	Rangoon and Irrawaddy Valley ...	161	14,579	91	161	15,603	97	5,33,067	171	5,39,829	175	6,762	...
19th ditto ...	Sindia ...	75	3,890	52	75	4,312	57	1,08,981	76	1,16,934	81	7,953	...
12th ditto ...	Punjab Northern ...	363	54,478	150	412	44,941	109	10,72,674	153	10,81,047	141	8,373	...
19th ditto ..	Indus Valley and Kandahar ...	660	66,917	101	650	20,989	32	16,36,569	129	16,26,227	120	...	10,342
19th ditto ...	Muttra-Achneyra ...	...	...	...	23	983	43	...	...	22,692	52	22,692	...
	Total ...	2,921	3,12,232	107	3,131	3,20,375	102	79,86,785	141	89,98,770	150	10,11,985	...
	Native States.												
19th Aug. 1882	Bhavnagar-Gondal ...	119	3,010	25	194	9,210	47	3,02,667	93	3,82,892	103	80,225	...
12th ditto ...	Nizam's ...	121	12,953	107	121	14,813	122	3,11,561	134	3,22,599	139	11,038	...
5th ditto ...	Mysore ...	58	2,191	38	...	(*a*)...	...	(*b*)51,738	49	(*c*)92,380	59	40,642	...
	Total ...	298	18,154	61	315	24,023	76	6,65,966	99	7,97,871	104	1,31,905	...
	GRAND TOTAL ...	9,514	19,81,967	208	9,120	21,46,782	235	5,04,10,037	273	5,46,62,346	289	42,52,309	...
	Gross Estimated Expenses ...	...	...	...	...	...	...	2,44,24,669	132	2,65,14,359	140	...	...
	Net Receipts ...	...	...	...	...	...	...	2,59,85,368	141	2,81,47,987	149	21,62,619	...

(*a*) Return not received. (*b*) Total receipts from 1st April to 6th August 1881. (*c*) Total receipts from 1st April to 5th August 1882.

SIMLA,
The 7th September 1882.

FRED. FIREBRACE, *Major, R.E.*,
Under Secretary.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

COMPARATIVE RETURN OF TRAFFIC CARRIED ON THE UPPER AND LOWER GANGES CANALS FOR THE HALF-YEAR ENDING 31st MARCH 1882 AND 1881.

Demands.			Same period of previous year.		Nature of cargo (in maunds).	Current half-year.			Corresponding period of previous half-year.			Ton Mileage.			Value of goods.			Number of passengers.		
Balance from previous half-year.	For current half-year.	Collected during current half-year.	Balance uncollected.	Demands.	Collections.	Up.	Down.	Total.	Up.	Down.	Total.	1882.	1881.		1882.	1881.		1882.	1881.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Tollage.						Mds.	Mds.	Mds.	Mds.	Mds.	Mds.																										
Private Boats . .	47	11,784	11,049	781	9,673	10,810	Grain . .	183,904	54,846	238,750	94,544	55,389	140,933	15,225	12,682	14,253	84,305	...	...	...	Rs. 26,55,349	Rs. 19,19,137	Rs. 11,61,749	Rs. 268,713	...	...	...	13	102	130	101	...	...
Government Boats . .	...	1,156	1,156	...	444	444	Cotton . .	...	410	99,223	...	72,031	72,031																						
Rafts . . .	...	444	444	...	1,292	1,292	Oilseeds . .	1,568	2,180	2,590	296	1,649	1,945																						
							Salt . . .	16,555	93,697	95,255	1,167	76,171	77,338																						
Carrying operations.							Metals . .	108,705	2,653	19,208	21,784	4,171	26,255																						
							Miscellaneous goods	118,534	87,621	191,326	105,496	114,508	220,004																						
Boating (Government) .	...	354	354	...	3,522	3,522	Building materials .	21,406	94,110	212,641	103,956	67,818	171,774																						
Fines and Sundries .	...	39	39	...	42	42	Firewood . .	127	159,292	180,698	2,750	48,553	51,303																						
Ground Rent . .	...	126	126	...	67	67	Bamboos . .	1,145	77,237	77,351	1,943	87,788	89,731																						
							Timber . .	1,056	23,454	24,599	2,287	60,016	62,303																						
							Miscellaneous timber . .		558	1,614	269	2,456	2,725																						
Total .	* 47	13,903	13,168	* 781	15,040	16,177	Total .	451,410	694,851	1,146,261	334,492	591,750	926,242	16,225	12,682	14,253	84,305	...	...	...	Rs. 26,55,349	Rs. 19,19,137	Rs. 11,61,749	Rs. 268,713	...	...	...	13	102	130	101	...	...
* Upper Ganges Canal	. 47	12,406	11,880	572																															
Lower ditto	. ...	1,497	1,288	209																															
Total	. 47	13,903	13,168	781																															

G. H. D. WALKER,
Asst. Secy. to Govt., N.-W. P., P. W. D., I. B.

ALLAHABAD,
The 1st August 1882.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

COMPARATIVE RETURN OF TRAFFIC CARRIED ON THE UPPER AND LOWER GANGES CANALS FOR THE YEAR ENDING 31st MARCH 1882 AND 1881.

	Demands.		Collected during current year.	Balance uncollected.	Same period of previous year.		Nature of cargo (in maunds).	Current year.			1880-81.			Tonnage.						Ton mileage.						Value of goods.						Number of passengers.					
														1881-82.			1880-81.			1881-82.			1880-81.			1881-82.			1880-81.			1881-82.			1880-81.		
	Balance from previous year.	For current year.			Demands.	Collections.		Up.	Down.	Total.	Up.	Down.	Total.	Upper Ganges Canal (Local).	Lower Ganges Canal (Local).	Upper and Lower Ganges Canals (through).	Upper Ganges Canal (Local).	Lower Ganges Canal (Local).	Upper and Lower Ganges Canals (through).	Upper Ganges Canal (Local).	Lower Ganges Canal (Local).	Upper and Lower Ganges Canals (through).	Upper Ganges Canal (Local).	Lower Ganges Canal (Local).	Upper and Lower Ganges Canals (through).	Upper Ganges Canal (Local).	Lower Ganges Canal (Local).	Upper and Lower Ganges Canals (through).	Upper Ganges Canal (Local).	Lower Ganges Canal (Local).	Upper and Lower Ganges Canals (through).	Upper Ganges Canal (Local).	Lower Ganges Canal (Local).	Upper and Lower Ganges Canals (through).	Upper Ganges Canal (Local).	Lower Ganges Canal (Local).	Upper and Lower Ganges Canals (through).
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
TOLLAGE.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		Mds.	Mds.	Mds.	Mds.	Mds.	Mds.													Rs.			Rs.								
Private Boats	13	18,676	17,908	781	19,159	19,549	Grain	208,442	83,899	292,341	117,455	84,274	201,729																							
Government Boats	...	1,571	1,571	...	919	919	Cotton	10	103,468	103,478	21	78,759	78,780																							
Rafts	...	2,376	2,376	...	3,566	3,566	Oil-seeds	724	30,822	31,546	764	14,804	15,568																							
							Salt	3,297	168,804	172,101	4,527	183,211	187,738																							
CARRYING OPERATIONS.							Metals	38,186	5,756	43,942	39,420	5,568	44,988																							
							Miscellaneous goods	156,156	147,104	303,260	125,865	185,588	311,453																							
							Building materials	249,259	263,920	513,179	202,455	227,209	429,664																							
Boating (Government)	...	911	911	...	3,952	3,952	Firewood	31,306	221,474	252,780	8,525	135,985	144,510																							
Fines and Sundries	...	87	87	...	110	110	Bamboos	1,101	218,397	219,498	2,940	208,443	211,383																							
Ground Rent	...	311	311	...	125	125	Timber	4,810	123,686	128,496	6,532	126,359	132,891																							
							Miscellaneous timber	4,050	1,340	5,390	2,135	2,828	4,963																							
TOTAL	13	23,932	23,164	781	27,831	28,221	TOTAL	697,341	1,368,670	2,066,011	510,639	1,253,028	1,763,667	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
* Upper Ganges Canal	13	18,879	18,320	572																																
Lower ditto	...	5,053	4,844	209																																
TOTAL	13	23,932	23,164	781																																

ALLAHABAD,
The 1st August 1882.

G. H. D. WALKER,
Asst. Secy. to Govt., N.-W. P., P. W. D., I. B.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

COMPARATIVE RETURN OF TRAFFIC CARRIED ON THE AGRA CANAL FOR THE HALF-YEAR ENDING 31st MARCH 1882 AND 1881.

	Demands.		Collected during current half-year.	Balance uncollected.	Same period of previous year.		Nature of cargo.	Current half-year.			Corresponding period of previous half-year.			Tonnage.		Ton mileage.		Value of goods.		Number of passengers.	
	Balance from previous year.	For current half-year.			Demands.	Collections.		Up.	Down.	Total.	Up.	Down.	Total.	1882.	1881.	1882.	1881.	1882.	1881.	1882.	1881.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		Mds.	Mds.	Mds.	Mds.	Mds.	Mds.					Rs.	Rs.		
TOLLAGE.																					
Private Boats	...	1,574	1,574	...	1,470	1,470	Grain	500	85,286	85,786	620	79,937	80,557								
							Cotton	...	6,064	6,064	...	7,506	7,506								
Government Boats	...	544	544	...	427	427	Oilseeds	200	390	590	...	1,126	1,126								
							Salt	...	...	...	50	...	50								
Rafts	...	...	...	...	...	...	Metals	...	...	...	...	...	...								
							Miscellaneous goods	4,696	6,080	10,776	6,100	6,394	12,494	7,054	6,160	787,320	695,449	3,22,557	3,77,401	*Nil*	*Nil*
							Building materials	83,208	2	83,210	67,328	200	67,528								
CARRYING OPERATIONS.																					
Boating (Government)	...	11	11	...	531	531	Firewood	...	2,625	2,625	1,675	...	1,675								
							Bamboos	...	...	...	...	...	...								
Fines	...	...	...	...	...	...	Timber	...	2,961	2,961	80	1,450	1,530								
							Miscellaneous materials	10	...	10	29	...	29								
Ground Rent	...	...	...	...	...	...															
TOTAL	...	2,129	2,129	...	2,428	2,428	TOTAL	88,614	103,408	192,022	75,882	96,613	172,495								

ALLAHABAD,
The 1st August 1882.

G. H. D. WALKER,
Asst. Secy. to Govt., N.-W. P., P. W. D., I. B.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

COMPARATIVE RETURN OF TRAFFIC CARRIED ON THE AGRA CANAL FOR THE YEAR ENDING 31st MARCH 1882 AND 1881.

	Demands. Balance from previous year.	Demands. For current year.	Collected during current half-year.	Balance uncollected.	Same period of previous year. Demands including previous balance.	Same period of previous year. Collections.	Nature of cargo.	1881-82. Up.	1881-82. Down.	1881-82. Total.	1880-81. Up.	1880-81. Down.	1880-81. Total.	Tonnage. 1881-82.	Tonnage. 1880-81.	Ton Mileage. 1881-82.	Ton Mileage. 1880-81.	Value of Goods. 1881-82.	Value of Goods. 1880-81.	Number of Passengers. 1881-82.	Number of Passengers. 1880-81.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		Mds.	Mds.	Mds.	Mds.	Mds.	Mds.					Rs.	Rs.		
Tollage.																					
Private Boats	...	2,299	2,299	...	2,026	2,026	Grains	600	123,926	124,526	620	84,412	85,032								
Government Boats	...	887	887	...	427	427	Cotton	...	7,014	7,014	...	7,506	7,506								
							Oilseeds	200	2,414	2,614	...	1,126	1,126								
Rafts	...	1,086	1,086	...	...	...	Salt	100	...	100	50	...	50								
							Metals	...	...	...	...	...	...								
							Miscellaneous goods	8,885	9,455	18,340	7,350	26,471	33,821	10,954	9,651	1,321,020	1,067,100	4,96,129	5,02,459	Nil	Nil
Carrying operations.							Building materials	133,523	302	133,825	135,068	550	135,618								
							Firewood	...	3,400	3,400	2,410	700	3,110								
Boating	...	1,307	1,307	...	1,331	1,331	Bamboos	...	...	...	...	...	...								
							Timber	...	4,711	4,711	530	3,350	3,880								
Fines and Sundries	...	...	...	...	...	...	Miscellaneous timber	310	33,724	33,934	29	106	135								
Ground Rent	...	...	...	...	...	...															
Total	...	5,579	5,579	...	3,784	3,784	Total	143,618	184,816	328,434	146,057	124,221	270,278	...	...	...	...	...	...	...	...

Allahabad,
The 1st August 1882.

G. H. D. WALKER,
Asst. Secy. to Govt., N.-W. P., P. W. D., I. B.

GOVERNMENT OF INDIA.

DEPARTMENT OF FINANCE AND COMMERCE.

SUPPLEMENT TO THE STATEMENT OF PRICES CURRENT OF FOOD-GRAINS FOR THE 1st HALF OF AUGUST 1882, PUBLISHED IN PAGES 1182, 1183, 1184 AND 1185 OF THE SUPPLEMENT TO THE "GAZETTE OF INDIA," DATED 9th SEPTEMBER 1882.

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

Provinces.	Districts.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of last year.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of last year.	Rice. Best sort. Present fortnight.	Rice. Best sort. Past fortnight.	Rice. Best sort. Corresponding fortnight of last year.	Rice. Common. Present fortnight.	Rice. Common. Past fortnight.	Rice. Common. Corresponding fortnight of last year.	Great Millet (Cholum, Jowar), *Holcus Sorghum.* Present fortnight.	Great Millet (Cholum, Jowar), *Holcus Sorghum.* Past fortnight.	Great Millet (Cholum, Jowar), *Holcus Sorghum.* Corresponding fortnight of last year.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.* Present fortnight.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.* Past fortnight.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.* Corresponding fortnight of last year.	Lesser Millets, Ragi, &c. (Kavarn, Verageo, Sawee, Cheena, Coraloo, Murnwa, Nuglee, &c.), *Panicum Miliaceum, Eleusine Coracana,* &c. Present fortnight.	Lesser Millets, Ragi, &c. (Kavarn, Verageo, Sawee, Cheena, Coraloo, Murnwa, Nuglee, &c.), *Panicum Miliaceum, Eleusine Coracana,* &c. Past fortnight.	Lesser Millets, Ragi, &c. (Kavarn, Verageo, Sawee, Cheena, Coraloo, Murnwa, Nuglee, &c.), *Panicum Miliaceum, Eleusine Coracana,* &c. Corresponding fortnight of last year.	Gram. Present fortnight.	Gram. Past fortnight.	Gram. Corresponding fortnight of last year.	Firewood. Present fortnight.	Firewood. Past fortnight.	Firewood. Corresponding fortnight of last year.	Salt. Wholesale. Present fortnight.	Salt. Wholesale. Past fortnight.	Salt. Wholesale. Corresponding fortnight of last year.	Salt. Retail. Present fortnight.	Salt. Retail. Past fortnight.	Salt. Retail. Corresponding fortnight of last year.
		S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.
British Burma.	Arracan Division.																															
	Akyab	...	6 6	6 6	...	...	...	...	13 8	15 0	...	15 0	17 0	...	...	...	...	...	...	...	...	...	...	10 0	10 6	...	160 0	224 0	...	40 0	...	...	32 0	40 0
	Northern Arracan	...	...	...	...	...	...	...	...	...	...	...	9 0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	40 12
	Kyoukpyoo	...	...	...	...	...	...	19 8	18 0	16 1	20 14	19 0	17 9	...	...	...	...	...	...	...	4 0	4 0	180	0 200	0 160	0	...	...	...	...	...	36 0
	Sandoway	...	...	...	...	...	...	27 7	27 7	22 14	33 9	33 9	26 14	...	...	...	...	...	...	...	...	...	...	...	...	459 11	469 11	469 11	...	...	...	30 0	28 6	28 6
	Pegu Division.																															
	Rangoon town and Hanthawaddy	15 5	15 5	15 5	...	...	...	12 3	14 6	12 3	12 9	13 2	12 9	...	...	...	...	...	...	...	...	...	...	21 1	19 7	19 7	320 0	324 0	324 0	50 11	50 11	50 11	22 11	22 10	22 10
	Tharrawaddy	...	...	...	...	...	...	10 13½	10 13½	13 4	13 6½	13 6½	15 14	...	...	...	...	...	...	...	...	...	...	13 9½	14 4½	8 8	535 11½	535 11½	535 11	...	...	...	27 7½	27 7½	29 14
	Prome	18 3	18 3	14 7	...	...	...	12 3	12 12	13 7	15 4	17 2	17 2	...	...	...	...	...	...	...	...	...	...	17 12	17 13	20 12	139 11	139 11	139 11	29 9	29 9	32 4	18 10	18 10	18 10
	Irrawaddy Division.																															
	Thonegwa	...	...	...	...	...	...	...	11 9	10 12	...	14 11	18 6	...	...	...	...	...	...	...	...	...	...	...	16 13	16 13	...	184 8	184 8	...	45 5	49 6	...	39 6	35 7
	Bassein	...	...	...	...	...	...	15 5	16 12	11 11	16 4	18 7	13 12	...	...	...	...	...	...	...	...	...	...	13 8	14 8	13 6	181 15	175 11	136 0	35 7	35 7	24 12	30 2	30 2	21 3
	Henzada	...	...	...	...	...	...	14 5	14 5	11 5	19 8	19 8	15 10	...	...	...	...	...	...	...	...	...	...	...	...	...	183 8	183 8	183 8	29 9	29 9	32 4	29 9	29 9	29 10
	Thayetmyo	10 15	10 15	12 8	...	...	...	11 11	11 11	10 3	13 13	13 13	13 13	...	...	...	...	...	...	...	...	...	...	18 7	18 7	18 7	245 0	245 0	215 0	20 13	20 13	25 6	14 2	14 2	18 15
	Tenasserim Division.																															
	Moulmein town and Amherst	10 0	10 0	10 6	...	...	...	12 10	12 10	10 3	20 4	20 4	12 3	...	...	...	...	...	...	...	...	...	...	11 1	11 1	11 1	220 0	220 0	220 0	47 7	47 7	32 0	35 8	35 8	28 6
	Tavoy	...	...	...	...	...	...	...	14 9	11 4	...	22 14	14 0	...	...	...	...	...	...	...	...	...	...	...	...	...	399 3	399 3	399 3	... 24	24 2	24 2	... 16	16 1	16 1
	Mergui	...	...	...	...	...	...	...	17 13	13 12	...	21 12	18 14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	428 0	... 36	8 24	5 ...	29 3	16 1
	Shwaygyin	...	...	...	...	...	...	12 12	12 12	12 12	13 13	13 13	13 13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	32	33 2	33 16	9 18	14 18	14 26	7
	Toungoo	...	...	...	...	...	...	18 5	18 5	16 0	21 5	21 5	18 15	...	...	...	...	...	...	...	...	...	...	12 9	12 9	11 5	24 0	24 0	...	30 12	30 12	18 12	18 12	18 12	44 4
	Salween	...	...	...	...	...	...	7 14	7 14	... 8	4 8	4 10	0 ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	36 0	a	...	...
Mysore.	Bangalore	11 0	10 15	11 11	12 8	12 12	13 6	10 0	9 11	9 8	11 2	11 2	10 3	25 3	23 6	22 6	...	...	...	...	...	...	...	26 0	25 13	25 11	30 7	29 2	30 12	96 0	96 0	84 0	13 0	13 0	10 8	12 12	12 12	12 10	0*
	Kolar	...	...	...	10 6	10 6	11 1	13 15	12 14	10 12	15 3	15 3	13 0	...	...	...	...	...	...	...	...	...	...	30 5	29 5	28 11	31 15	30 13	36 8	172 6	172 6	172 6	13 3	12 7	11 5	12 14	12 2	11 1	*
	Tumkur	14 0	14 0	12 8	12 8	12 8	12 8	12 0	12 0	12 0	13 0	13 0	13 0	...	...	...	...	...	...	...	...	...	...	32 0	32 0	35 0	37 0	37 0	36 0	340 0	340 0	340 0	10 0	9 0	15 8	9 8	8 8	15 0	0†
	Mysore	11 0	11 0	10 0	...	...	...	11 0	11 0	9 0	11 0	11 4	10 0	...	...	...	...	...	...	...	...	...	...	20 0	20 0	20 0	30 0	30 0	27 0	72 0	72 0	84 0	8 0	8 8	8 7	12 8	4 8	7	10*
	Hassan	12 10	11 9	14 11	13 10	13 10	16 13	11 9	10 8	10 12	13 10	13 10	14 11	28 6	26 4	42 0	...	...	...	...	...	...	...	31 6	30 7	42 4	29 6	29 6	39 6	480 0	480 0	480 0	11 5	10 8	...	10 4	10 0	8	14*
	Shimoga	15 0	15 0	8 0	14 0	14 0	...	11 0	11 0	13 0	12 0	12 0	13 0	...	...	...	...	...	...	...	...	...	...	25 0	25 0	30 0	23 0	23 0	22 0	64 0	64 0	64 0	...	...	...	11 0	11 0	9 0	0*
	Kadur	15 12	16 0	16 0	17 12	18 0	20 0	11 0	11 0	12 0	12 0	12 0	13 0	36 0	36 0	40 0	28 0	28 0	48 0	38 8	36 0	49 5	30 0	30 0	38 0	100 0	100 0	100 0	12 0	12 0	16 0	12 0	12 0	16 0	0†

* Sea salt. † Earth salt. a Two annas per viss.

Department of Finance and Commerce,
(Statistical Branch.)

D. M. BARBOUR,
Secretary to the Government of India.

GOVERNMENT OF INDIA.

REVENUE AND AGRICULTURAL DEPARTMENT.

REPORTS ON THE STATE OF THE SEASON AND PROSPECTS OF THE CROPS FOR THE WEEK ENDING THE 12th SEPTEMBER 1882.

GENERAL REMARKS.—No reports have been received from the Madras Presidency, from the Mysore State, from Coorg, or from Guzerat or Sind.

There has been rain in the Nizam's Territories, in the Berars, in the Bombay Presidency, in the Central Provinces, in the greater part of the Central India and Rajputana States, and in most parts of the Punjab, as also in British Burma. The quantity which has fallen varies much. It was specially heavy in the course of the cyclone which passed across the Central Provinces. At Khandwa the fall was very heavy, and also in parts of British Burma, especially at Akyab, Rangoon, and Moulmein. Lighter but widespread rain has also occurred in the North-Western Provinces and Oudh, in Bengal, and in Assam.

Agricultural prospects are on the whole very favourable throughout the country. In British Burma transplanting continues in parts, and crops are making good progress; but floods are doing some damage. In Assam reaping in some parts and transplanting in others are nearly finished; more rain is needed in Gauhati. In Bengal general prospects have improved, the autumn harvest is proceeding and is expected to give an average outturn. More rain is needed on high lands in some districts to finish transplanting. In the North-Western Provinces and Oudh early autumn crops are being reaped. A little more rain would be beneficial in parts of Meerut and Partabgarh. In the Punjab the prospects of the harvest are on the whole good and prices are falling; more rain is needed in the southern part. In the Rajputana and Central India States general prospects are favourable; a break in the wet weather is needed in Indore. In the Central Provinces heavy rain has damaged some *kharif* crops in Khandwa, and more rain would be beneficial in Saugor; but on the whole crops are very promising, and weeding has been completed. In the Bombay Presidency, in Berar, and in the Nizam's Territories prospects are favourable everywhere.

The latest reading of the barometer indicates a rise in Bengal, in the North-Western Provinces, and in the northern parts of the Punjab; and the cyclone which passed across Central India seems to have nearly disappeared after travelling northwards.

[illegible]	[illegible]	[illegible]
Bombay—(Sept. 13th)		
Kurrachee ...	.....	No report received.
Hyderabad ...	.....	No report received.
Ahmedabad ...	.....	No report received.
Baroda ...	.....	No report received.
Surat ...	.....	No report received.
Násik ...	Igatpuri, 12·95; Násik, 10·24; Yeola, 5·25; Niphad, 5·65.	Heavy rain in all talukas; locusts in five talukas; slight cholera continues; wheat 28, *bajri* 38, and rice 28 pounds per rupee.
Colaba (Bombay) ...	.....	No report received.
Poona ...	Rain throughout district—maximum at Mawal, 4·0; minimum at Purandhar, ·40.	Crops healthy; 21 cholera cases in Sirur taluka, 7 deaths; *bajri* 48 and *juari* 60 lbs. per rupee; in Poona *bajri* 41 and *juari* 50 lbs. per rupee.
Ahmednagar ...	Rain throughout the district—maximum at Nagar, 6·40; minimum at Akola, ·94.	Total rainfall of the district 19·58; the rainfall has done good to the *bajri* crop, but in Kopergaon, Sangamner, and Akola insects like locusts are doing damage to crops in some places; cholera in Parner, 1 attack and 1 death; *bajri*—maximum 60 lbs. in Jamkhed, minimum 48 in Kopergaon; *juari*—maximum 60 lbs. in Jamkhed, minimum 60 in Kopergaon.
Sholapur ...	2·11	Total rainfall 30·22; cholera cases 40, deaths 10; crops in good condition; *bajri* 60 lbs. and 2 tolas and *juari* 79 lbs. and 6 tolas per rupee.
Dharwar ...	Maximum at Ron, 3·08; minimum at Bankapur, ·28.	Standing crops good; cotton sowing nearly completed in two talukas, retarded in Ron taluka owing to heavy rainfall, in others still in progress; slight cattle-disease in one taluka; ague in Mundargi petta; public health good; minimum prices—*juari* 40 and rice 11 lbs. per rupee.
Kanara ...	Karwar, 4·28; Kumpta, 7·73; Sirsi, 2·50; Hallial, 1·35.	Total rainfall 101·28; rice crops in ear on coast; garden and other produce thriving; general health good; common rice in Karwar 11 seers, in district average 12¼ seers per rupee.
Rajkot ...	.....	No report received.
		General Remarks.—Good rain in the Deccan, Konkan, and Southern Mahratta Country; reports not received from Sind and Guzerat districts; locusts in Násik, Khandesh, and Ahmednagar; cattle-disease in some districts; cholera abating.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Bengal—(Sept. 13th)		
Chittagong ...	3·46	Weather hot; more rain wanted; prospects of crops generally fair; prices steady; cholera and cattle-disease still reported.
Dacca ...	·96	*Aus* harvest nearly completed, estimated outturn 14 annas; jute crop poor; prospects of winter rice good; cholera continues.
24-Pergunnahs (Calcutta)	Alipore, 3·68	Harvesting of early rice and jute proceeding, outturn above; transplantation of *amun* paddy in low lands completed; more rain required for completion on high lands; fever prevalent in Baraset and Diamond Harbour sub-divisions; public health generally good.
Moorshedabad ...	1·64	Transplantation of *amun* proceeding in places, where it had been retarded for want of rain; *aus* harvest nearly finished, outturn fair; mild fever prevalent.
Rajshahye ...	·75	More rain required for *amun* rice.
Burdwan ...	·52; Cutwa, 1·37; Culna, 2·05; Raniganj, 1·0.	*Aus* crop being reaped, outturn very fair; rain urgently required for *amun*; health tolerable.
Rungpore ...	.....	No report received.
Bhagálpur ...	1·74	Transplantation of winter rice still proceeding; prospects good; a second heavy flood from the Kosi has done much damage in north-east of district.
Purneah ...	1·65	Some damage from floods, prospects otherwise improved; transplanting not finished; fever prevalent; nearly all rivers high, many in flood.
Patna ...	·33	Transplantation of paddy seedlings progressing; more rain wanted in Barrh and Behar sub-divisions; prospects of *bhadoi* crops favourable; cholera still reported from Behar.
Durbhunga ...	·37	Weather hot; prospects of crops favourable; prices stationary; public health good.
Hazáribágh ...	2·97	Weather hot and close; reaping of autumn crops continues; rice transplanting nearly completed; general health good, except a few isolated cases of cholera in interior.
Cuttack ...	3·76	Early rice reaped; late rice weeded; sugarcane and other crops doing well; cholera still reported.
		General Remarks.—Good rain in some districts during the week, but in many rainfall was slight; general prospects improved; more rain wanted in several places to finish transplanting, especially on high lands; autumn harvest proceeding; crops expected generally to yield a fair average outturn, though in some districts early rice and jute will be rather short; sugarcane and other minor crops promising; some damage to crops from floods reported in parts of Bhagálpur and Purneah; cholera still exists; in several places, and small-pox in parts of Chota Nagpur; fever prevalent in some districts; on the whole public health fair; cattle-disease prevalent in parts of Hooghly and Cooch Behar, and cases reported in other places.
N. W. Provinces and Oudh—		
Benares (Sept. 12th)	·40; Chandauli, 1·20; Gungapur, ·70.	Weather seasonable and prospects favourable; health of men and cattle good; prices stationary; bazars well supplied.
Allahabad („ 13th)	Rain in tahsils, with stormy weather on 9th and 10th.	Weather now fine and seasonable; cholera disappeared; price of *bajri* fallen and rice slightly; other prices stationary.
Gorakhpur („ 12th)	.....	Rain and high winds towards the close of the week; harvest began; prospects good; some cholera and cattle-disease in parts of the district; prices steady.
Jhánsi („ 11th)	Sadr, 2·70; Man, ·80; Moth, 1·20.	Minor *kharif* crops are being cut, other crops are doing well; prices fluctuating; cholera still continues in four villages of parganas Man and Garotha; cattle-disease disappeared.
Agra („ 12th)	Rain in all parganas from ·50 to 1·0.	*Bajri* and *makka* being cut; insects reported to be causing slight damage to *bajri* and *juari* in three parganas; slight fever continues, but general health good; prices falling.
Bareilly („ „)	.....	Crops excellent; weather seasonable; cholera not much improved; fever prevalent.
Meerut („ „)	Occasional showers	Westerly wind for three days, succeeded by very high easterly wind; crops flourishing, but irrigation is going on in Ghaziabad, where rainfall very insufficient; health good, but fever becoming general, though not of a severe type; prices falling in Meerut and Hapur, but are showing a tendency to rise in Ghaziabad and Sirdhana.
Kumaun („ „)	Slight rain	Weather cloudy, with high wind; rice and millet being reaped; ploughing for *rabi* commenced; health fair; cattle-disease still prevalent; prices stationary.
Lucknow („ „)	Sadr, ·20; Maliabad, ·80; Mohanlalganj, ·20.	Prospects favourable; supplies sufficient; prices falling; cholera decreasing.
Partabgarh („ „)	.....	Prices falling slightly; prospects good; more rain however required at Sadr and Patti; cattle-disease reported in Kunda and Partabgarh tahsils; cholera slightly on the increase.
Sitapur („ „)	Biswan, ·40; no rain in other tahsils.	Rain not needed at present; prices stationary; cholera still in Sitapur, Sidhauli, and Misrikh; prices stationary; slight cattle-disease prevalent.
Fyzabad („ „)	Sadr, ·20; Akbarpur, ·90; Bikapur, ·30; Tanda, ·50.	Crops looking well everywhere; *sawan*, *juar*, *kakoon*, and *marrow* being cut; very slight cholera in tahsil Fyzabad.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
N. W. Provinces and Oudh—*contd.*		
Rae Bareli (Sept. 11th)	Sadr, ·70; Digbijaiganj, ·80; Salon, ·30.	Crops looking well; cholera nearly disappeared; cattle-disease of a mild nature at Dalman; supplies sufficient; prices stationary.
Cawnpore („ 12th)	Average over ·60	Weather clear; prospects excellent; maize cut; cholera decreasing; prices stationary.
Farukhabad („ „)	Slight showers during week.	Prospects favourable; fever of a mild type prevalent; prices steady.
Moradabad („ „)	Average ·70	Fever prevalent; cholera continues in Bilari tahsil; prices unchanged.
		General Remarks.—Weather stormy, with light rain during the week; prospects everywhere favourable, though more rain would still be beneficial in parts of Partabgarh and Meerut; prices stationary; cholera decreasing on the whole, but there is the usual autumnal fever in Rohilkhand, Agra, and Meerut divisions; slight cattle-disease continues in Oudh, Gorakhpur, and Kumaun.
Punjab—(Sept. 13th)		
Delhi ...	·90	Health fair; prices stationary; prospect of yield of crops is good.
Hissar ...	Sadr, ·60	Health generally good; prices stationary.
Umballa ...	·30	Health fair; prices of food-grains stationary, but the yield of *makka* and rice is expected to be somewhat below the average.
Jullundur ...	1·90	Health good; prices falling; crop prospects are good.
Amritsar ...	2·90	Health good; prices stationary.
Sialkot ...	·30	Health good; falling tendency in prices; harvest prospects good.
Lahore ...	3·50	Health good; prices stationary.
Ferozepore ...	·30	Health good; prices stationary.
Mooltan ...	No rain	Fever prevalent; prices of food-grains are stationary.
Rawalpindi ...	No rain	Cattle-disease in a few parts of the district; prices show a slight tendency to fall.
Dera Ismail Khan ...	No rain	Price of wheat steady, that of *bajri* is falling.
Peshawar ...	·10	More rain wanted; prices stationary; harvest prospects good.
		General Remarks.—Rain has been general throughout the province, except in Mooltan and Rawalpindi and in the Dera Ismail Khan districts; more rain is wanted in the south of the province; general health continues good; prices of food-grains are falling in the Jullundur, Sialkot, Rawalpindi, and Dera Ismail Khan districts, in the other districts they are stationary.
Central Provinces—		
[illegible] (Sept. 9th)	Heavy rain on 8th.	Weather oppressive; crops promising; weeding operations almost [illegible] and cholera reported, where [illegible]
[illegible]	[illegible]	[illegible]
Sangor („ 11th)	[illegible]	[illegible] prevalent; prices [illegible]
Seoni („ 12th)	2·76; heavy rain since 8th.	Weather cloudy and damp; *kharif* crops in excellent condition; cholera abating; wheat 16½ seers per rupee.
Hoshangabad („ „)	5·58	High winds; prospects of *kharif* crops fair; fever and small-pox reported; wheat 15 seers per rupee.
Nagpur („ 13th)	6·87	Weather wet and stormy on the 9th, 10th and 11th, clear and cool since; prospects good; cholera still reported; prices stationary.
Sambalpur („ 7th)	·50	Weather hot and sunny; coarser rice being cut; fever prevalent; rice 56 seers per rupee.
Khandwa („ 12th)	13·5; heavy rain from 10th.	The heavy rain has damaged some *kharif* crops; cholera and small-pox prevalent; prices stationary.
		General Remarks.—Rain general, especially heavy in districts of the Nerbudda Valley, Nagpur, and Wardah; prospects of *kharif* crops favourable; cholera abating; prices steady.
British Burma—(Sept. 9th)		
Akyab ...	60·7	Total rainfall 181·29; 14 deaths from cholera in town and 24 in district; cattle-disease severe in one township; crop prospects good.
Rangoon ...	12·09	Total rainfall 78·05; public health good; crops making progress.
Bassein ...	7·36	Total rainfall 101·18; public health good; 41 deaths from cattle-disease in one township and 9 in another; ploughing nearly finished; transplanting still going on.
Prome ...	6·23	Total rainfall 38·77; 16 deaths from cholera in one township, otherwise public health good; 4 cases of cattle-disease in one township; harvest prospects better.
Amherst (Moulmein) ...	16·02	Total rainfall 174·88; public health good both in Moulmein and district; cattle-disease still existing in two townships; prospects of crops good; resowing continues; transplanting of crops progressing.
Toungoo ...	2·58	Total rainfall 72·08; 1 death from small-pox in district, otherwise public health good.
		General Remarks.—Cholera prevalent in Akyab, some also in Tharrawaddy, Prome, Henzada, and Tavoy; public health otherwise good; cattle-disease continues; rainfall better in Tharrawaddy, Prome, and Thayetmio; floods doing more or less damage; crop prospects generally satisfactory.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Assam—		
Gauhati (Sept. 12th)	No rain	Weather very hot; transplanting of *sali* paddy retarded for want of rain, which is much needed now; cattle-disease reported from the interior; public health good.
Sylhet („ 13th)	0·40	State and prospects of crops generally good.
Cachar („ „)	·04	Weather intensely hot; transplanting of *sali* crops nearly finished; about three-fourths of *dumahi* and *murali* crops have been reaped, outturn average; prospects of tea good as far as quantity is concerned; price of common rice 26½ seers per rupee; 1 case of cholera reported from Sadr station.
Dibrugarh („ „)	0·02	Weather seasonable; transplanting *sali* paddy finished; ploughing for winter crops in progress; cattle-disease still reported; public health good.
Berar & Hyderabad— (Sept. 13th)		
Amráoti ...	1·05	Crops in good condition; price of wheat 18 and *juari* 36 seers per rupee.
Akola ...	3·05	Prospects of crops good.
Hyderabad ...	4·68	Total rainfall from 1st January 27·57 inches; tanks have received considerable quantity of water from the week's rain; standing crops everywhere in good condition, except in one taluk where they have been attacked by worms; prices—wheat 16¼, coarse rice 11¼, white *juari* 26½, yellow *juari* 30½, and *tur* 27 seers per current sicca rupee.
Central India States— (Sept. 13th)		
Indore ...	7·78; almost continuous rain.	Unless there is a break, the *kharif* crops must suffer severely, but the season promises favourably for *rabi* sowings; prices have risen slightly owing to difficult communications; health is generally good, though cholera still lingers in Indore city.
Morar (Gwalior) ...	1·26	Health and prospects good.
Sutna ...	·44	Health and prospects good.
Neemuch ...	1·18	Health and crops good.
Ujjain ...	1·26	Crops good; health fair.
Bhopal (Sirohi) ...	0·72	Prospects good.
Agar ...	.....	No report received.
Nowgong ...	0·25	Weather seasonable; *kharif* prospects good; prices stationary.
Manpur ...	5·95	Ploughing for *rabi* crops finished; *juari* crops good; prices stationary.
Rajputana—		
Abu (Sept. 13th)	3·43	Rainy weather, with high winds.
Sirohi („ 10th)	4·0	Tanks, wells, health, and prospects good; weather much cooler.
Marwar („ 8th)	Good showers reported from outstations.	Four months' water in tanks; health and crops good; weather cloudy and sultry, indications of much needed rain; prices falling.
Meywar („ 9th)	2·02	Tanks and wells fair; health good; crops very good.
Harowti („ „)	Deoli, ·26 previous week; Kotah, ·68; Shahpura, ·45.	Prospects continue favourable; some fever about.
Jhallawar („ 6th)	.....	Weather sultry; some cases of cholera in district; cattle-disease in one pargana.
Ajmere („ 12th)	2·27	Seasonable rain throughout district; prospects continue favourable; health fair.
Tonyrra („ „)	1·94	Prospects favourable; health fair; prices firm.
Bikaner („ „)	.....	Prospects good; tanks and wells in good supply; fever prevalent.
Nepal—		
Katmandu ...	.....	No report received.

E. C. BUCK,
Secy. to the Govt. of India.

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SUPPLEMENT TO

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OFFICIAL PAPERS.

A SUPPLEMENT *to the* GAZETTE OF INDIA *will be published from time to time, containing such Official Papers and information as the Government of India may deem to be of interest to the Public, and such as may usefully be made known.*

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GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

[TELEGRAPH.]

ABSTRACT OF FOREIGN TRAFFIC FOR THE MONTH OF MAY 1882.

CLASS OF MESSAGES.	ROUTE.																TOTAL.	
	WEST.								EAST.									
	VIA TEHERAN.		VIA TURKEY.		PERSIAN GULF.		VIA SUEZ.		VIA AMUR.		VIA MADRAS.		VIA RANGOON.		NATIVE BURMA.		VIA PAUMBEN.			
	No.	Indian Value.	No.	Indian Value.	No.	Indian Value.	No.	Indian Value.	No.	Indian Value.	No.	Indian Value.	No.	Indian Value.	No.	Indian Value.	No.	Indian Value.	No.	Indian Value.
INDIAN.																		
Sent	2,775	Rs. A. 10,648 1	101	Rs. A. 308 9	38	Rs. A. 124 1	3,943	Rs. A. 11,288 9	4	Rs. A. 11 1	932	Rs. A. 2,441 3	182	Rs. A. 549 12	394	Rs. A. 808 15	1,637	Rs. A. 3,020 1	10,006	Rs. 29,291
Received	1,754	9,402 5	114	415 15	43	180 5	4,122	15,371 2	3	4 14	902	3,585 4	240	724 5	...	...	1,568	3,106 10	8,746	31,789
TOTAL	4,529	20,050 6	215	724 8	81	254 6	8,065	26,659 11	7	15 15	1,834	5,026 7	422	1,274 1	394	808 15	3,205	6,126 11	18,752	60,941
TRANSIT.																				
From East to West—																				
Received. *Vid* Madras	189	745 6	2	5 10	14	36 12	4,738	19,405 0	...	...	...	...	...	...	...	...	...	...	4,943	20,192 12
„ Rangoon	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ Laingha	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ Paumben	225	769 3	1	4 7	...	...	222	667 15	...	...	...	...	...	...	...	...	...	...	448	1,441 9
From West to East—																				
Sent. *Vid* Madras	1,815	7,698 0	47	136 2	3	4 14	2,628	10,064 10	1	1 2	...	...	...	...	...	...	...	...	4,494	17,904 12
„ Rangoon	2	16 14	...	...	...	...	...	1 13	...	...	...	...	...	...	...	...	...	...	2	16 14
„ Laingha	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1	1 13
„ Paumben	104	386 3	6	17 11	...	...	254	915 13	...	...	...	...	...	...	...	...	...	...	364	1,319 11
From West to West—																				
Vid Bombay and Karachi.	...	...	8	33 12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8	33 12
Vid Karachi and Bombay.	...	...	...	...	5	19 0	...	...	...	...	...	...	...	...	...	...	...	...	5	19 0
From East to East—																				
Vid Paumben	...	...	...	...	...	...	...	...	...	...	54	194 12	1	3 8	...	...	...	...	55	198 4
„ Madras	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	43	188 15	43	188 15
„ Rangoon	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	6 6	...	...	2	6 6
TOTAL	2,335	9,615 10	64	197 10	22	60 10	7,843	31,055 3	1	1 2	54	194 12	1	3 8	2	6 6	43	188 15	10,365	41,323 12
GRAND TOTAL ...																			29,117	1,02,264 12

ABSTRACT OF FOREIGN TRAFFIC WITH INDIA BY THE INDO-EUROPEAN AND RED SEA ROUTES FOR THE MONTH OF MAY 1882.

ROUTE.		NUMBER OF MESSAGES BY EACH ROUTE (EXCLUSIVE OF TRANSIT).			PERCENTAGE OF NUMBER.		
		To India.	From India.	TOTAL.	To India.	From India.	TOTAL.
INDO-EUROPEAN	*Vid* Teheran	1,754	2,775	4,529	29·07	40·47	35·13
	„ Turkey	114	101	215	1·89	1·47	1·67
	Persian Gulf *vid* Karachi	43	38	81	0·71	0·56	0·63
RED SEA	*Vid* Suez	4,122	3,943	8,065	68·33	57·50	62·57
	TOTAL	6,033	6,857	12,890	100·00	100·00	100·00

GOVERNMENT

DEPARTMENT OF FIN

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT

QUANTITIES PER RUPEE

Districts.	Wheat.			Barley.			Rice (best sort).			Rice (common).			Great Millet (Cholum, Jowar), *Holcus Sorghum.*			Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.*		
	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.
	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
Ganjam	7 6	7 6	11 13*	...	...	...	17 13	17 13	17 13	19 8	19 8	19 8	...	...	...	...	...	...
Vizagapatam	10 0	10 0	14 0	...	...	...	9 0	9 0	11 3	11 5	11 5	12 6	21 10	...	...	23 13	22 13	31 11
Godavery	11 11	11 11	12 10	...	...	...	13 14	13 14	13 14	17 0	17 0	16 0	28 13	28 13	26 14	...	...	...
Kistna	12 11	12 3	13 11	...	...	...	15 11	15 11	16 3	16 5	16 5	16 13	24 14	24 14	27 10	...	...	...
Nellore	12 10	12 10	12 3	...	...	...	15 13	15 13	14 5	17 0	17 0	15 0	29 11	29 11	26 14	...	...	...
Cuddapah	13 3	12 8	14 0	...	...	...	11 14	11 14	12 6	13 11	13 11	13 5	26 13	26 0	30 0	31 14	31 14	32 10
Anantapur	13 6	13 6	11 8	...	...	...	12 13	12 13	13 14	15 2	15 2	15 2	30 14	30 14	30 14	18 13	18 13	18 13
Bellary	16 5	15 5	16 5	...	...	...	12 5	10 10	11 3	13 8	13 8	12 6	35 0	35 0	37 2	26 5	22 10	30 2
Kurnool	12 11	12 6	11 6	...	...	...	10 10	10 10	10 10	11 6	11 6	11 6	31 8	31 8	30 2	22 8	23 2	28 11
Madras	9 13	9 13	9 8	...	...	...	13 8	13 5	13 11	15 2	15 2	14 14	23 0	23 0	21 10	25 0	25 0	22 6
Chinglepnt	...	...	...	...	...	...	14 10	13 8	13 8	15 14	15 2	15 8	...	...	...	...	...	...
North Arcot	9 5	10 8	11 0	...	...	...	14 11	14 6	14 0	16 14	16 14	15 0	34 10	34 10	29 2	29 11	28 2	28 2
South Arcot	9 0	9 0	9 6	...	...	...	15 11	15 11	13 14	16 3	16 3	14 6	33 10	...	...	28 8	28 8	23 10
Tanjore	8 13	9 10	10 5	...	...	...	15 13	15 13	14 8	...	...	...	31 13	28 10	25 6	29 0	26 3	29 0
Trichinopoly	9 3	8 8	11 3	...	...	...	14 6	14 0	13 11	14 14	14 8	14 8	25 3	26 10	23 13	25 6	24 2	25 6
Madura	12 0	11 5	10 14	...	...	...	14 5	15 2	13 0	14 13	15 10	13 8	34 0	31 10	28 6	32 5	30 14	29 6
Tinnevelly	8 0	8 0	9 8	...	...	...	15 6	15 6	11 2	15 13	15 13	11 10	...	...	...	...	...	...
Coimbatore	11 8	11 8	13 2	...	...	...	13 8	13 2	12 10	14 14	14 8	13 10	24 5	27 13	26 2	28 10	35 0	28 10
Nilgiris	7 2	9 14	9 14	...	...	...	9 10	9 10	9 10	11 3	11 3	10 6	20 0	24 10	20 13	18 3	22 6	19 10
Salem	10 3	11 14	11 14	...	...	...	13 2	14 0	13 2	14 2	15 0	14 2	27 5	29 2	27 5	23 13	24 10	26 3
South Canara	8 10	8 10	8 10	...	...	...	8 11	8 11*	8 11	11 13	11 13	14 11	...	...	...	...	...	...
Malabar	7 14	7 3	9 6	...	...	...	13 13	13 13	14 10	14 8	14 8	15 6	...	...	...	...	...	...
Bombay	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ahmedabad																		
Kaira																		
Surat																		
Broach																		
Tanna (Salsette)																		
Colába (Alibág)																		
Khandesh (Dhulia)																		
Násik																		
Ahmednagar																		
Poona																		
Sholápur																		
Kaládgi (Bagalkot)																		
Satara																		
Belgaum																		
Dharwar (Hubli)																		
Ratnágiri																		
Kanara (Karwar)																		
Pánch Mahâls (Godhra)																		
Aden																		
Asirgarh																		
Baroda																		
Disa																		
Nimach																		
Nasirabad																		
Rájkot																		
Upper Sindh Frontier	13 0	13 0	11 8	24 4	25 4	17 8	11 4	11 4	9 0	20 0	20 0	13 0	32 0	32 0	20 4	26 0	26 0	...
Karachi	12 5	12 5	10 10	20 0	21 8	16 0	9 8	9 8	8 0	18 0	18 0	12 0	22 0	22 0	18 0	19 0	18 0	20 0
Haidarabad (Nakur)	14 0	14 0	15 0	26 0	26 0	20 0	13 0	12 0	11 4	16 0	21 0	16 0	30 0	30 0	22 0	26 0	26 0	23 0
Shikarpur	12 6	12 8½	11 10½	24 0	25 5	19 0	12 6	12 0	10 5	19 0	18 0	16 0	27 0	28 5	19 5	28 11½	26 9	20 0
Thar and Parkar (Umarkot)	18 0	18 0	15 15	...	...	...	...	...	...	13 4	13 4	9 7	...	...	...	21 3	19 11	16 3
Western Districts.																		
Burdwan	13 0a	13 0	12 8	32 8	32 8	30 0	21 12	23 4	23 8	24 0	25 4	27 0	...	...	...	...	...	...
Bancoorah	13 8b	13 8	14 8	15 0	15 0	17 0	18 8	20 0	25 0	23 8	24 0	35 0	...	...	...	...	...	...
Beerbhoom	13 0c	13 0	12 0	...	...	...	17 0	18 0	21 0	19 8	19 8	30 0	...	...	...	...	...	...
Midnapore	13 0d	14 0	14 8	...	...	...	21 0	20 0	20 0	25 0	24 0	27 0	...	...	...	...	...	...
Hooghly	15 0e	15 0	14 0	...	...	...	10 0	10 0	10 0	19 0	19 0	21 0	...	...	...	...	...	...
Howrah	13 4	13 4	15 4	...	...	...	16 0	16 0	16 8	18 0	18 12	21 0	...	...	...	...	...	...

* The figures now given are correct.
a In the sub-divisions retail prices of salt are as follow :—Cutwa 12-8 seers, Culna 15 seers, and Ranegunge 13-4 seers.
b Retail prices of salt at Raipore 12 seers, at Onda and Indas 16 seers, at Mejia, Bisnupore, and Sonamukhi 13 seers, and at Kotulpore 14 seers.
c In the interior retail prices of salt range from 10 to 14 seers.

OF INDIA.

ANCE AND COMMERCE.

INDIA FOR THE 2nd HALF OF AUGUST 1882.

IN SEERS OF 80 TOLAHS.

Districts.	Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Coraloo, Murnwa, Nuglee), *Panicum Miliaceum, &c.*			Gram.			Firewood.			Salt.						Districts.	Provinces.
										Wholesale.			Retail.				
	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.		
	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.		
	35 3	35 3	32 3	26 10	26 10	33 5	215 13	215 3	215 13	...	...	...	13 13	13 13	12 0	Ganjam	Madras.
	25 5	25 5	25 5	23 6	23 6	32 13	93 5	93 5	87 8	15 3	15 3	11 11	14 0	14 10	10 8	Vizagapatam	
	29 2	29 2	36 6	26 3	26 3	33 10	194 6	194 6	194 6	14 10	14 10	12 8	14 10	14 10	12 8	Godavery	
	32 5	32 5	37 3	21 11	21 11	29 10	145 13	145 13	145 13	16 5	16 5	13 2	15 11	15 11	12 14	Kistna	
	32 13	32 13	30 14	22 2	22 2	22 2	186 10	186 10	93 5	15 6	15 6	13 3	14 13	14 13	12 11	Nellore	
	31 8	31 8	33 0	27 2	29 3	32 11	194 6	194 6	194 6	17 8	17 2	13 14	16 10	16 10	13 8	Cuddapah	
	31 0	31 0	34 14	31 5	31 5	35 13	...	...	...	14 5	14 5	11 14	14 5	14 5	11 14	Anantapur	
	29 2	31 0	33 0	29 2	29 2	30 3	97 3	97 3	97 3	15 11	15 11	13 2	15 6	15 6	12 13	Bellary	
	29 10	29 10	...	26 3	26 3	28 8	178 13	190 8	179 13	14 13	14 13	12 8	14 6	14 6	12 2	Kurnool	
	28 0	28 0	26 11	24 10	24 10	27 11	81 6	81 6	81 6	16 11	16 11	14 6	16 3	16 3	13 14	Madras	
	27 6	27 6	24 11	24 10	24 10	26 8	92 5	92 5	77 13	17 5	17 5	14 5	17 0	17 0	13 14	Chinglepnt	
	33 5	33 5	30 13	24 10	24 10	30 8	140 0	140 0	140 0	14 13	14 13	12 11	14 5	14 5	12 5	North Arcot	
	30 3	30 3	25 6	29 5	30 3	27 0	201 11	201 11	201 11	19 5	19 5	15 5	18 14	18 14	14 13	South Arcot	
	30 3	30 3	30 3	27 2	28 0	28 0	194 6	194 6	194 6	15 10	15 10	12 14	15 10	15 10	12 14	Tanjore	
	28 13	28 13	27 8	30 0	30 13	28 8	97 3	97 3	97 3	17 13	17 13	13 6	17 0	17 0	12 10	Trichinopoly	
	33 5	33 5	27 14	32 14	34 11	30 11	145 13	170 2	97 3	14 0	16 13	15 0	13 2	16 6	14 0	Madura	
	...	...	...	27 5	27 5	22 0	81 10	81 10	81 10	18 11	18 11	14 13	16 5	16 5	14 5	Tinnevelly	
	27 14	27 13	31 3	32 5	32 13	36 2	131 3	131 3	131 3	14 11	14 10	12 3	14 10	14 2	11 11	Coimbatore	
	20 8	20 3	18 11	19 14	20 11	21 10	161 13	161 13	121 8	11 0	11 0	9 3	11 0	11 0	9 3	Nilgiris	
	27 5	29 14	28 3	31 8	34 6	32 10	151 10	151 10	151 10	18 0	18 0	14 5	16 13	16 13	13 5	Salem	
	19 6	19 6	22 0	20 3	20 3	22 3	116 6	116 6	109 5	15 3	11 5	12 2	14 10	10 8	11 5	South Canara	
	21 14	21 14	21 14	25 3	25 3	31 2	121 8	121 8	121 8	13 8	13 8	10 13	12 10	12 10	9 14	Malabar	
	...	...	...	...	...	...	...	...	...	...	...	...	No return received			Bombay	Bombay.
																Ahmedabad	
																Kaira	
																Surat	
																Broach	
																Tanna (Salsette)	
																Colába (Alibág)	
																Khandesh (Dhulia)	
																Násik	
																Ahmednagar	
																Poona	
																Sholápur	
																Kaládgi (Bagalkot)	
																Satara	
																Belgaum	
																Dharwar (Hubli)	
																Ratnágiri	
																Kanara (Karwar)	
																Pánch Mahâls (Godhra)	
																Aden	
																Asirgarh	
																Baroda	
																Disa	
																Nimach	
																Nasirabad	
																Rájkot	
	40 0	40 0	...	17 8	19 0	17 4	160 0	160 0	160 0	8 10½	10 5	10 5	8 8	10 0	10 0	Upper Sindh Frontier	
	11 0	11 0	9 8	17 0	17 0	20 0	105 0	105 0	103 0	17 13	17 13	14 3	17 0	17 0	14 0	Karachi	
	24 0	24 0	...	12 0	12 0	11 0	480 0	480 0	320 0	14 0	14 0	11 8	14 0	14 0	11 8	Haidarabad (Nakur)	
	...	...	...	18 4	18 14	18 0	280 0	270 0	260 0	10 4	9 2	11 2	10 2	9 0	11 0	Shikarpur	
	...	...	...				160 0	160 0	160 0	11 5	11 5	9 10	11 5	11 5	9 10	Thar and Parkar (Umarkot)	
	...	...	...	...	...	...				Prices per md. of 40 seers.						*Western Districts.*	
										Rs. A. P.	Rs. A. P.	Rs. A. P.					
	...	...	...	21 8	20 0	25 0	120 0	120 0	100 0	2 15 0	2 15 0	...	13 8	13 8	10 0	Burdwan	Bengal.
	...	...	...	18 0	18 0	20 0	240 0	240 0	280 0	3 2 6	3 3 0	...	12 0	12 0	9 0	Bancoorah	
	...	...	...	20 0	19 8	23 8	180 0	170 0	160 0	3 6 6	3 10 0	...	11 0	10 8	9 0	Beerbhoom	
	...	...	...	18 0	17 0	19 0	155 0	160 0	160 0	2 14 0	2 13 0	...	13 8	13 8	9 0	Midnapore	
	...	...	...	20 0	20 0	22 0	120 0	120 0	100 0	2 14 0	2 14 0	3 12 0	13 9	13 9	9 0	Hooghly	
	...	...	...	21 4	20 0	22 8	80 0	80 0	80 0	2 14 0	2 14 0	3 14 0	13 0	13 0	...	Howrah	

d In the sub-divisions retail prices of salt are as follow :—Ghattal 14-8 seers, and Contai 11 seers.
e Retail price of salt at Babugunge, Jhekrapota, and Balor 13-9 seers, at Serampore 13 seers, at Chanditola 12-8 seers, at Baidyabati 13-12 seers, at Bhuddessur 1[illegible] seers, and at Jehanabad 13-8 seers.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT INDIA FOR THE 2nd HALF OF AUGUST 1882.—*continued.*

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

Provinces.	Districts.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholum, Jowar), *Holcus Sorghum.* Present fortnight.	Great Millet (Cholum, Jowar), *Holcus Sorghum.* Past fortnight.	Great Millet (Cholum, Jowar), *Holcus Sorghum.* Corresponding fortnight of 1881.	Bulrush Millet (Cumnoo, Baira), *Penicillaria Spicata* Present fortnight.	Bulrush Millet (Cumnoo, Baira), *Penicillaria Spicata* Past fortnight.	Bulrush Millet (Cumnoo, Baira), *Penicillaria Spicata* Corresponding fortnight of 1881.	Districts.	Provinces.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.		
	Central Districts.																			*Central Districts.*	
Bengal	Calcutta	14 0	13 5	13 11	26 8	26 8	32 0	10 0	10 0	8 0	20 0	20 0	16 0	...	...	...	...	...	...	Calcutta	Bengal
	24-Pergunnahs	12 5*f*	12 9	14 0	20 0	20 0	26 8	10 0	9 8	10 0	16 0	17 8	17 12	...	...	...	16 0	...	...	24-Pergunnahs	
	Nuddea	13 14*g*	14 8	16 0	...	...	32 0	15 4	16 0	16 0	18 13	19 6	18 13	...	...	...	...	...	...	Nuddea	
	Khoolna	...*h*	...	...	...	...	...	16 0	16 0	17 0	22 0	22 0	21 0	...	...	...	...	...	...	Khoolna	
	Jessore	13 4*i*	14 8	15 0	...	...	...	18 0	14 12	21 0	24 0	23 8	29 0	...	...	...	...	...	...	Jessore	
	Moorshedabad	14 8*j*	14 8	18 0	...	...	...	14 8	14 8	17 0	21 0	20 0	25 0	...	...	...	...	...	...	Moorshedabad	
	Dinagepore	13 0*k*	14 0	15 4	14 8	16 0	22 8	19 4	18 0	19 4	23 8	19 4	27 8	...	...	...	...	...	...	Dinagepore	
	Rajshahye	13 8*l*	13 8 to 15 0	18 0	33 12	32 0	48 12	13 8	12 0 to 17 4	16 0 to 18 0	20 0	18 0 to 21 0	24 0 to 25 8	...	...	...	...	...	...	Rajshahye	
	Rungpore	16 0*m*	16 0	15 0	...	...	...	15 0	16 0	15 0	23 0	21 8	20 0	...	...	...	...	...	...	Rungpore	
	Bogra	18 0	15 0	24 0	...	...	...	15 12	13 8	20 4	28 2	26 4	30 0	...	...	...	...	...	...	Bogra	
	Pubna	13 0*n*	16 0	22 0	...	...	...	10 0	10 0	12 0	24 0	25 0	25 0	...	...	...	...	...	...	Pubna	
	Darjeeling	10 0*o*	11 0	8 0	10 0	10 0	8 0	5 0	5 0	5 0	13 0	13 0	13 0	...	...	...	...	...	...	Darjeeling	
	Jalpáiguri	10 0*p*	10 0	10 0	20 0	20 0	...	14 0	14 0	13 5	20 0	20 0	21 0	...	...	...	...	...	...	Jalpáiguri	
	Eastern Districts.																			*Eastern Districts.*	
	Dacca	13 14*q*	13 5	14 4	32 0	40 0	40 0	21 4	25 0	20 0	26 10	33 12	32 0	...	...	...	...	...	...	Dacca	
	Furreedpore	22 0*r*	22 0	21 0	30 8	38 0	32 8	20 0	23 0	7 8	26 8	24 8	25 8	...	...	...	...	...	...	Furreedpore	
	Backergunge	...*s*	...	...	...	...	...	22 8	22 0	22 0	28 0	29 0	26 8	...	...	...	...	...	...	Backergunge	
	Mymensingh	10 0*t*	10 0	13 0	...	...	...	20 12	23 0	22 0	29 12	28 8	34 0	...	...	...	...	...	...	Mymensingh	
	Tipperah	11 8*u*	11 8	13 0	...	...	...	16 0	16 0	16 0	26 0	26 0	22 8	...	...	...	...	...	...	Tipperah	
	Chittagong	9 0	9 0	11 4	...	...	...	24 0	26 0	23 0	27 0	28 0	29 0	...	...	...	...	...	...	Chittagong	
	Noakholly	...*v*	...	...	...	...	...	13 5	13 5	16 0	17 12	17 12	17 3	...	...	...	...	...	...	Noakholly	
	Chittagong Hill Tracts	...	...	...	...	...	...	20 0	22 0	25 0	28 0	28 0	32 0	...	...	...	...	...	...	Chittagong Hill Tracts	
	Hill Tipperah	11 0	11 0	11 0	...	...	...							...	...	...	...	...	...	Hill Tipperah	
	Behar.																			*Behar.*	
	Patna	18 8	18 8	20 0	34 0	34 0	40 0	12 0	12 0	15 0	22 0	22 0	22 0	...	...	...	...	...	...	Patna	
	Gya	16 8*w*	17 0	18 8	24 0	27 0	36 0	12 8	12 0	12 8	18 8	18 0	21 0	...	...	...	...	...	...	Gya	
	Shahabad	15 0*x* to 16 0	17 0 to 17 8	16 0 to 18 0	25 0	23 0	36 0	16 0 to 18 0	16 0 to 18 0	20 0 to 21 0	18 0 to 19 0	19 0 to 19 0	21 0 to 23 0	...	...	...	...	...	...	Shahabad	
	Durbhunga	15 0*y*	15 0	17 8	30 0	33 0	40 0	14 0	14 8	15 8	16 0	17 0	20 0	...	...	...	...	...	...	Durbhunga	
	Mozufferpore	16 0*z*	16 0	20 0	30 0	30 0	40 0	12 0	11 0	11 0	16 0	16 0	19 0	...	...	...	...	...	...	Mozufferpore	
	Sarun	15 8*z1*	14 8	18 0	27 0	24 0	41 0	9 8	9 0	10 8	20 0	18 0	23 0	30 0	26 0	42 0	...	...	...	Sarun	
	Chumparun	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Chumparun	
	Monghyr	16 12*z2*	15 12	15 12	29 5	31 8	42 0	15 12	16 13	14 11	18 14	18 14	18 14	...	...	...	...	...	...	Monghyr	
	Bhágalpur	14 8*z3*	13 14	12 14	37 14	31 9	31 9	17 11	17 11	17 11	18 15	18 15	20 3	...	...	...	...	...	...	Bhágalpur	
	Purneah	14 0*z4*	14 0	18 0	...	...	40 0	20 0	20 0	21 0	24 0	21 0	25 0	...	...	...	...	...	...	Purneah	
	Maldah	16 0	16 0	18 0	...	...	...	16 0	17 0	16 0	20 0	20 0	24 0	...	...	...	...	...	...	Maldah	
	Sonthal Pergunnahs	12 8*z5*	13 0	14 0	...	...	...	16 0	17 0	22 0	22 0	22 0	26 0	...	...	...	...	...	...	Sonthal Pergunnahs	
	Orissa.																			*Orissa.*	
	Cuttack	17 1	15 12	17 11	...	...	...	15 12	17 1	17 11	24 15	26 4	22 8	...	...	...	...	...	...	Cuttack	
	Pooree	11 0*z6*	11 4	17 8	...	...	...	20 0	20 0	20 0	25 0	26 4	22 8	...	...	...	...	...	...	Pooree	
	Balasore	13 0*z7*	14 0	16 0	...	...	...	22 0	22 0	23 4	32 0	30 0	32 0	...	...	...	...	...	...	Balasore	
	Chota Nagpore—South-Western Frontier Agency.																			*Chota Nagpore—South-Western Frontier Agency.*	
	Hazaribagh	12 8*z8*	12 0	17 0	...	...	...	10 0	10 0	12 0	18 0	18 0	19 0	...	...	...	...	...	...	Hazáribágh	
	Lohardugga	15 0*z9*	15 0	17 0	20 0	22 0	...	20 0	20 0	18 0	22 0	22 0	22 0	...	...	...	...	...	...	Lohardugga	
	Singbhoom	24 0	20 0	24 0	28 0	28 0	40 0	36 0	36 0	32 0	40 0	40 0	36 0	...	...	...	...	...	...	Singbhoom	
	Manbhoom	12 0*z10*	12 0	12 0	...	...	40 0	16 0	17 0	20 0	30 0	30 0	32 0	...	...	...	...	...	...	Manbhoom	

Provinces.	Districts.	Lesser Millets, Ragi, &c. (Kavarn, Veragu, Sawee, Cheena, Coraloo, Murhwa, Nagiee), *Panicum Miliaceum, &c.* Present fortnight.	Lesser Millets, Ragi, &c. Past fortnight.	Lesser Millets, Ragi, &c. Corresponding fortnight of 1881.	Gram. Present fortnight.	Gram. Past fortnight.	Gram. Corresponding fortnight of 1881.	Firewood. Present fortnight.	Firewood. Past fortnight.	Firewood. Corresponding fortnight of 1881.	Salt. Wholesale prices per maund of 40 seers. Present fortnight.	Salt. Wholesale prices per maund of 40 seers. Past fortnight.	Salt. Wholesale prices per maund of 40 seers. Corresponding fortnight of 1881.	Salt. Retail. Present fortnight.	Salt. Retail. Past fortnight.	Salt. Retail. Corresponding fortnight of 1881.	Districts.	Provinces.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. A. P.	Rs. A. P.	Rs. A. P.	S. Ch.	S. Ch.	S. Ch.		
	Central Districts.																*Central Districts.*	
Bengal	Calcutta	...	...	...	21 5	22 10	24 8	90 0	90 0	90 0	2 10 0	2 10 0	...	14 9	14 9	10 0	Calcutta	Bengal
	24-Pergunnahs	...	...	...	17 8	18 12	24 4	90 0	90 0	90 0	3 0 0	3 0 0	...	13 5	13 5	10 0	24-Pergunnahs	
	Nuddea	...	...	...	21 5½	22 15	26 10¾	...	...	100 0	3 0 0	3 0 0	...	11 10½	11 10½	10 0	Nuddea	
	Khoolna	...	...	...	12 0	12 0	10 0	160 0	160 0	160 0	3 2 0	3 2 0	4 0 0	11 0	11 0	8 0	Khoolna	
	Jessore	...	...	...	18 0	16 0	22 0	120 0	120 0	110 0	3 0 0	3 2 0	...	11 8	12 0	8 0	Jessore	
	Moorshedabad	...	...	...	23 0	23 0	32 0	120 0	120 0	120 0	3 2 0	3 2 0	...	12 0	12 0	9 0 to 10 0	Moorshedabad	
	Dinagepore	...	...	...	16 0	17 8	20 0	140 0	160 0	180 0	3 4 0	3 3 0	...	12 0	12 0	9 0	Dinagepore	
	Rajshahye	...	...	...	13 8	18 12 to 19 11	28 0	240 0	320 0	250 0	3 5 3	3 2 0	...	12 0	12 12	9 3	Rajshahye	
	Rungpore	...	...	...	15 0	15 0	12 0	130 0	130 0	120 0	3 5 3	3 5 3	...	11 8	11 8	8 12	Rungpore	
	Bogra	...	...	...	16 8	15 6	24 0	67 8	67 8	67 8	3 2 8	3 5 4	...	12 0	11 4	9 3	Bogra	
	Pubna	...	...	...	20 0	20 0	20 0	200 0	200 0	200 0	3 3 0	3 3 6	...	12 0	12 0	9 6	Pubna	
	Darjeeling	9 0	8 0	9 0	8 0	10 0	8 0	160 0	160 0	160 0	4 8 0	4 8 0	6 0 0	8 0	8 0	5 0	Darjeeling	
	Jalpáiguri	...	...	...	16 0	16 0	13 5	128 0	128 0	65 0	3 4 0	3 4 0	...	11 0	11 0	9 4	Jalpáiguri	
	Eastern Districts.																*Eastern Districts.*	
	Dacca	...	...	...	20 0	20 0	21 4	106 8	106 8	120 0	3 0 0	3 3 0	4 2 0	12 12	12 4	9 14	Dacca	
	Furreedpore	...	...	...	20 0	8 0	14 0	120 0	...	...	3 2 0	2 14 0	...	12 8	11 12	9 0	Furreedpore	
	Backergunge	...	...	...	18 0	18 0	20 0	100 0	100 0	100 0	2 15 0	2 15 0	...	13 0	13 0	8 8	Backergunge	
	Mymensingh	...	...	...	16 0	16 0	19 0	...	...	...	3 5 0	3 8 0	...	12 4	11 12	9 0	Mymensingh	
	Tipperah	...	...	...	18 0	18 0	18 0	...	...	...	...	...	...	12 4	12 4	9 8	Tipperah	
	Chittagong	...	...	...	16 0	16 0	15 0	80 0	80 0	80 0	2 14 0	3 13 0	13 0	13 0	10 4		Chittagong	
	Noakholly	...	...	...	16 0	16 0	15 0	...	...	...	3 2 0	3 2 0	...	10 0	10 0	8 0	Noakholly	
	Chittagong Hill Tracts	...	...	...	...	...	...	360 0	320 0	320 0	3 4 0	3 4 0	...	10 9	10 9	6 15	Chittagong Hill Tracts	
	Hill Tipperah	...	...	...	14 0	14 0	9 0	...	...	...	3 6 0	3 6 0	...	10 0	10 0	8 0	Hill Tipperah	
	Behar.																*Behar.*	
	Patna	...	...	...	30 0	30 0	34 8	130 0	130 0	120 0	3 0 0	3 0 0	...	10 8	10 8	...	Patna	
	Gya	...	...	...	24 0	23 0	29 0	180 0	180 0	160 0	3 6 0	3 6 6	...	11 8	11 8	9 0	Gya	
	Shahabad	27 0	...	...	28 0 to 29 0	25 8 to 26 0	32 0 to 33 0	120 0	120 0	120 0	3 1 0	3 1 0	...	12 8	12 8	9 8	Shahabad	
	Durbhunga	40 0	35 0	40 0	22 0	22 8	30 0	160 0	140 0	180 0	3 10 0	3 10 0	...	11 0	11 0	9 0	Durbhunga	
	Mozufferpore	...	...	...	25 0	25 0	37 0	140 0	140 0	140 0	3 4 0	3 4 0	...	12 0	12 4	9 0	Mozufferpore	
	Sarun	34 0	28 0	32 0	28 0	25 0	31 0	160 0	160 0	160 0	3 4 0	3 6 0	...	11 0	11 0	8 8	Sarun	
	Chumparun	...	...	...	...	...	...	...	...	...	...	...	...	No return received			Chumparun	
	Monghyr	...	...	...	29 6	28 6	33 9	126 0	126 0	105 0	3 1 0	3 1 0	...	12 10	12 2	8 6	Monghyr	
	Bhágalpur	...	...	...	26 8	25 4	34 1	138 14	151 8	126 4	3 3 0	2-15-11½	...	12 10	12 10	9 7	Bhágalpur	
	Purneah	...	...	...	21 0	21 0	20 0	160 0	160 0	120 0	3 8 0	3 8 0	...	10 0	10 0	8 0	Purneah	
	Maldah	...	...	...	16 0	20 0	27 0	200 0	200 0	120 0	3 4 0	3 2 0	...	12 0	12 0	9 0	Maldah	
	Sonthal Pergunnahs	...	...	...	18 8	20 0	24 0	200 0	200 0	200 0	3 10 0	3 10 0	...	10 8	10 8	8 0	Sonthal Pergunnahs	
	Orissa.																*Orissa.*	
	Cuttack	13 2	14 7	17 11	22 5	21 0	26 0	160 0	160 0	160 0	3 0 0	3 0 0	3 8 0	13 0	13 0	11 0	Cuttack	
	Pooree	...	...	...	16 4	17 8	16 4	120 0	120 0	100 0	2 12 0	2 12 0	...	13 4	13 4	9 3	Pooree	
	Balasore	...	...	...	16 0	13 0	16 0	120 0	140 0	120 0	...	...	...	13 0	13 0	9 4	Balasore	
	Chota Nagpore—South-Western Frontier Agency.																*Chota Nagpore—South-Western Frontier Agency.*	
	Hazaribagh	32 0	30 0	50 0	18 8	17 8	24 0	200 0	200 0	200 0	3 10 0	3 10 0	...	...	10 0	8 0	Hazáribágh	
	Lohardugga	32 0	32 0	44 0	15 0	15 0	17 0	120 0	120 0	120 0	4 2 0	4 2 0	...	9 0	9 0	5 8	Lohardugga	
	Singbhoom	...	...	...	24 0	24 0	21 0	180 0	180 0	160 0	4 5 0	4 9 0	...	8 0	8 0	6 0	Singbhoom	
	Manbhoom	...	...	64 0	17 0	17 0	16 0	120 0	120 0	120 0	3 12 0	3 10 0	...	10 12	10 8	8 8	Manbhoom	

f In the sub-divisions retail prices of salt are as follow :—Baraset and Bussirhat 13 seers, Diamond Harbour and Barripore 10-8 seers, Barrackpore 12-12 seers, and Dum-Dum 12 seers.
g In the sub-divisions retail prices of salt are as follow :—Kooshtea and Bongong 13 seers, Meherpore 10 seers, Choondanga 12 seers, and Ranaghat 12-14 seers.
h In the sub-divisions retail prices of salt are as follow :—Bagirhat 11 seers, and Satkhira 10 seers and 10 chittacks.
i In the sub-divisions retail price of salt is 12 seers.
j In the sub-divisions retail prices of salt are as follow :—Lalbagh 11 seers, and Jungypore and Kandi 11 8 seers.
k In the sub-divisions retail prices of salt are as follow :—Nilphamari 12 seers, Gaibanda 11 seers, and Kurigram 10 seers.
l Retail prices of salt at Raigange 11-8 seers and at Nitpore 12 seers.
m In Nattore retail price of salt is 12 seers.
n In the sub-divisions retail prices of salt are as follow :—Kurseong 8 seers and Silligori 10 seers.
o In Jeraigunge retail price of salt is 12-12 seers.
p In sub-divisions retail price of salt are as follow :—Manickgunge 12 seers, Moonshegunge 10-5 seers, and Naraingunge 13-8 seers.
q Retail price of salt at Fallacotta in Alipore sub-division is 10-8 seers.
r In the sub-divisions retail prices of salt are as follow :—Goalundo 12 seers, Madaripore 13 seers, Bhanga 14-8 seers, and Gopalgunge 10 seers.
s In the sub-divisions retail prices of salt are as follow :—Patuakhali 10-10 seers, Perozepore 11 seers, and Bhola 10 seers.
t In the sub-divisions retail prices of salt are as follow :—Kishoregunge 8 seers, Attea 12 seers, Jamalpore 11 seers, and Netrokona 12-5 seers.
u In the sub-divisions retail prices of salt are as follow :—Brahmunberiah 10 seers, and Chandpore 11 seers.
v In the interior retail prices of salt range from 8 to 11 seers.
w In the sub-divisions retail prices of salt are as follow :—Buxar and Sasseram 11-8 seers, and Bhabuah 10-12 seers.
x In the sub-divisions retail prices of salt are as follow :—Madhubani 11-4 seers, and Tajpore 11-8 seers.
y In the sub-divisions retail prices of salt range from 8 to 12-5 seers.
z In the interior retail prices of salt range from 8 to 12-5 seers.
z1 In the sub-divisions wholesale prices of salt are as follow :—Sewan Rs. 3-5-10 per maund, Gopalgunge Rs. 3-4.
z2 In the sub-divisions retail prices of salt are as follow :—Begaserai 12 seers and Jamui 12-5 seers.
z3 In the sub-divisions retail prices of salt are as follow :—Banka 11 seers, Mudehpoora 10-8 seers, and Soopole 10 seers.
z4 Retail price of salt at Othree, Kusba, and Kissengunge 10 seers, and at Ranigunge in Arrareah sub-division 9 seers.
z5 Retail price of salt at Deogurh 12 seers, Godda 11 seers and at Sarowni 10 seers.
z6 In Khurda sub-division retail price of salt is 13 seers per rupee.
z7 Retail price of salt in Bhadruk 11 seers per rupee.
z8 Retail price of salt at Chatra 11 seers and at Kurruckdiha 12 seers.
z9 Retail price of salt at Dattongunge 10-12 seers.
z10 Retail price of salt at Raghunathpore and Govindpore 12 seers, and at Jhalda 10 seers.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT INDIA FOR THE 2nd HALF OF AUGUST 1882—*continued*.

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

PROVINCES.	DISTRICTS.	Wheat.			Barley.			Rice (best sort).			Rice (common).			Great Millet (Cholum, Jowar), *Holcus Sorghum*.			Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata*.			Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Coraloo, Murhwa, Nuglee), *Panicum Miliaceum*, &c.			Gram.			Firewood.			Salt.						DISTRICTS.	PROVINCES.
																											Wholesale.			Retail.							
		Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.		
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. A. per maund.	Rs. A.	Rs. A.	S. Ch.	S. Ch.	S. Ch.			
ASSAM.	Sylhet Cachar Goálpárá Gáro Hills Kámrúp Darrang Nowgong Sibságar Lakhimpur Khási & Jaintiá Hills Nága Hills	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	No return received						Sylhet Cachar Goálpárá Gáro Hills Kámrúp Darrang Nowgong Sibságar Lakhimpur Khási & Jaintiá Hills Nága Hills	ASSAM.
N. W. PROVINCES.	Dehra Dún	No return received			...	...	...	...	...	...	12 14½	12 14¼	11 14	...	...	...	...	...	...	...	...	...	24 11½	22 1	22 9¼	...	...	...	...	...	...	No return received			Dehra Dún	N. W. PROVINCES.
	Saháranpur	20 7	18 5	21 9	32 4	32 5	37 12	9 11	9 11	8 1	12 14½	12 14¼	11 14	32 4	32 5	27 0	21 8	21 9	31 9	...	...	...	23 2	22 8	23 2	132 0	132 0	132 0	11 13	11 13	10 2	11 4	11 4	...	Saháranpur	
	Muzaffarnagar	18 15	18 2	19 8	28 11	29 11	35 5	6 9	6 9	6 9	14 5	14 5	12 10	28 0	27 8	25 5	22 0	22 0	22 0	...	...	...	23 0	22 0	21 12	110 0	110 0	115 0	12 0	12 0	10 0	11 8	11 8	9 8	Muzaffarnagar	
	Meerut	18 8	17 0	20 12	26 0	25 0	30 0	6 0	6 0	5 8	15 0	15 0	13 0	27 0	25 0	25 0	21 0	21 0	20 0	...	...	...	23 0	22 12	23 2	140 0	140 0	110 0	11 8	11 8	10 6	...	...	...	Meerut	
	Bulandshahr	19 12	18 8	20 6	25 12	24 0	32 0	6 0	6 0	6 0	10 5	10 5	10 10	24 0	24 0	23 0	21 0	22 0	19 0	...	...	...	22 0	21 0	20 0	130 0	130 0	120 0	12 8	11 8	...	12 0	11 0	...	Bulandshahr	
	Aligarh	18 0	17 4	18 4	24 8	24 0	25 8	6 0	6 0	6 0	11 0	12 0	15 0	25 0	19 8	17 0	17 0	14 8	19 8	...	...	...	12 0	12 0	13 4	200 0	200 0	200 0	8 0	8 0	7 0	7 0	7 0	6 0	Aligarh	
	Kumaun	17 0	17 0	16 8	18 0	18 0	19 0	10 0	10 0	9 0	13 0	13 0	13 4	...	...	...	...	...	...	...	...	...	9 0	9 0	9 0	320 0	280 0	280 0	7 8	7 8	7 8	6 14	7 0	7 0	Kumaun	
	Garhwál	24 0	22 0	20 0	24 0	24 0	22 0	9 0	9 0	6 8	17 8	15 0	13 4	...	...	...	...	...	...	...	...	...	20 4	19 6	25 0	135 0	135 0	135 0	...	...	...	11 0	10 9	9 9	Garhwál	
	Bijnor	17 2	16 8	21 6	26 2	24 7	31 7	11 4	11 13	10 11	12 15	13 8	16 5	21 6	22 8	15 12	13 8	18 9	16 5	...	...	...	21 4	21 4	20 0	137 8	137 8	125 0	12 0	12 0	...	11 14	11 14	10 10	Bijnor	
	Moradabad	18 7	18 7	20 10	23 2	23 12	30 0	9 6	9 6	7 13	13 2	13 2	13 2	25 0	25 0	23 12	18 2	18 2	23 12	...	...	...	18 1½	19 3	22 3	192 0	192 0	168 0	10 12½	10 12½	9 9½	10 3	10 3	10 5½	Moradabad	
	Budaun	17 6	17 1¼	20 13½	22 8	21 9½	30 0	9 9½	9 9¼	6 0	13 12½	13 3	14 1¼	...	18 0	12 0	...	18 0	12 0	...	...	...	19 6	19 6	21 4	125 0	125 0	125 0	11 14	11 14	...	11 4	11 4	9 11	Budaun	
	Bareilly	16 14	16 14	19 6	21 14	21 14	27 8	8 2	7 8	7 8	13 12	13 12	14 6	22 8	22 8	25 0	20 10	21 4	20 0	...	...	...	20 12	20 12	21 4	160 0	160 0	160 0	12 0	12 6	10 4	10 8	10 8	9 6	Bareilly	
	Sháhjáhánpur	18 8	18 4	21 4	24 12	24 8	29 4	9 4	9 4	8 8	14 8	14 8	14 4	...	...	...	...	...	...	...	...	...	18 0	17 8	17 8	120 0	120 0	120 0	11 4	11 4	...	11 0	11 0	...	Sháhjáhánpur	
	Tarái Pergunnahs	21 0	20 0	22 8	30 0	7 8	7 8	8 0	16 0	14 0	12 8	25 0	20 0	25 0	25 0	20 0	25 0	...	...	...	...	...	23 8	21 8	18 8	100 0	100 0	130 0	14 0	14 0	...	12 0	12 0	11 0	Tarái Pergunnahs	
	Muttra	17 8	16 12	18 8	23 0	21 8	24 8	...	...	8 8	13 8	14 8	14 0	25 0	25 0	22 0	25 0	20 0	25 0	...	...	...	23 0	22 0	20 4	100 0	100 0	80 0	12 8	12 8	11 0	12 0	12 0	10 0	Muttra	
	Agra	17 8	16 12	17 4	23 0	22 8	23 0	6 8	6 8	6 0	14 0	14 0	13 8	23 0	23 0	22 0	22 0	21 0	20 0	...	...	...	21 9	21 11	21 8½	156 8	156 8	156 12	12 2½	12 4	9 9	10 14	11 9	9 9	Agra	
	Farukhabad	17 9	17 11	18 14	22 0	22 9½	28 6¼	6 13	6 13	6 2	13 4	13 15	14 5	22 4	22 9½	...	21 4	21 2½	...	...	...	...	24 0	21 8	19 0	160 0	160 0	120 0	12 0	12 0	...	11 0	11 0	...	Farukhabad	
	Mainpuri	19 0	18 4	17 4	25 0	23 0	23 4	5 0	5 0	5 0	11 0	11 0	12 0	...	...	...	...	...	...	...	...	...	25 8	23 8	22 0	100 0	100 0	120 0	10 8	10 8	10 8	10 0	10 0	10 0	Mainpuri	
	Etáwah	18 0	17 8	16 12	22 0	22 0	23 8	6 0	6 0	6 0	14 8	14 8	14 8	25 0	24 0	20 0	16 0	16 0	18 8	...	...	...	21 0	21 0	19 8	160 0	140 0	140 0	12 8	12 8	10 8	11 0	11 8	...	Etáwah	
	Etah	18 12	19 8	19 0	24 8	24 0	25 0	8 0	8 0	8 0	12 0	12 0	12 0	18 0	16 4	...	19 0	18 0	...	...	...	...	29 0	29 0	22 8	140 0	140 0	120 0	12 0	12 0	...	11 0	11 0	9 8	Etah	
	Jalaun	19 0	20 0	20 8	20 0	20 0	20 0	10 0	10 0	8 0	12 0	12 0	12 0	28 0	25 0	24 0	22 0	22 0	20 0	...	...	...	26 13	26 8	27 8½	200 0	200 0	200 0	11 12½	11 8	9 0	10 12½	10 8	8 8	Jalaun	
	Jhánsi	20 10½	22 0	23 8	32 10	32 10	30 0	8 0	8 3	7 8	15 0	15 0	13 0	27 4	28 0	25 8	...	...	23 0	...	...	...	33 0	34 0	39 0	140 0	140 0	160 0	11 0	11 0	...	10 10	10 8	8 12	Jhánsi	
	Lalitpur	21 0	21 0	27 0	37 0	37 0	35 0	10 0	11 0	9 0	13 0	12 0	11 0	32 0	32 0	38 0	26 0	27 0	26 0	...	...	...	24 8	24 0	24 0	140 0	140 0	150 0	12 8	12 8	...	12 0	12 0	10 8	Lalitpur	
	Cawnpore	18 0	17 8	18 8	26 0	26 0	31 0	11 0	11 0	10 8	14 0	14 8	15 8	26 0	25 8	29 0	25 0	25 8	25 0	...	...	...	25 0	23 6	22 12	200 0	200 0	200 0	10 4	10 4	...	10 0	10 0	9 4	Cawnpore	
	Fatehpur	16 14	16 14	18 0	25 12	23 12	24 0	11 4	11 4	11 12	15 4	15 4	14 8	...	...	...	...	...	...	...	...	...	33 0	32 0	23 0	160 0	160 0	180 0	12 4	12 4	...	12 0	12 0	9 8	Fatehpur	
	Bánda	18 0	18 0	18 0	21 0	23 0	20 0	9 0	9 0	10 0	14 0	13 8	14 0	33 0	33 0	22 0	30 0	30 0	20 0	...	...	...	24 4	24 8	23 4	130 0	130 0	160 0	12 0	11 8	...	11 8	10 8	...	Bánda	
	Allahabad	17 8	17 8	18 0	25 8	25 0	25 0	11 8	12 0	11 0	17 0	17 8	16 0	30 8	32 0	26 0	29 8	29 0	24 8	...	...	...	27 0	29 4	20 4	140 0	140 0	140 0	11 0	12 6	9 12	10 0	11 12	...	Allahabad	
	Hamírpur	15 4	16 14	16 10	20 4	20 4	25 5	10 0	12 6	10 6	...	...	15 1	25 0	27 0	...	24 0	26 7	22 6	...	...	...	22 9	24 11	28 4	120 0	120 0	141 4	9 11	9 11	...	9 9	9 9	8 15	Hamírpur	
	Jaunpur	19 0	19 0	21 3	30 5	29 10	34 9	7 1	7 1	7 12	14 2	14 2	16 15	...	...	...	16 15	16 15	16 15	...	...	...	26 0	24 3	37 12½	160 0	160 0	120 0	11 13	11 13	...	10 6½	10 6½	8 13	Jaunpur	
	Gorakhpur	18 0	17 1½	19 12¾	27 0	24 3	46 12½	14 6½	12 9½	14 6¾	18 0	16 3	21 9¼	41 6¾	...	...	...	...	28 12¼	...	...	...	25 0	25 0	30 0	140 0	140 0	140 0	10 0	10 0	7 8	9 8	9 8	7 8	Gorakhpur	
	Basti	16 8	16 8	20 4	30 0	30 0	40 0	12 0	12 0	13 0	15 0	15 0	16 0	...	...	...	...	...	...	...	...	...	22 2	22 2	29 8	181 0	181 0	147 8	10 8	10 10	7 14	10 0	10 0	9 3	Basti	
	Azamgarh	17 11	17 11	22 2	27 5	28 0	36 14	11 9	11 1	10 5	17 10	17 10	18 7	...	...	...	18 6	20 10	...	...	...	...	21 0	21 0	23 0	100 0	100 0	100 0	9 0	9 0	9 0	8 0	8 0	8 0	Azamgarh	
	Mirzapur	15 0	15 0	18 0	20 0	20 0	26 0	10 0	10 0	9 0	16 0	18 0	19 0	26 0	27 0	28 0	25 0	26 0	26 0	...	...	...	22 4	22 4	23 5	140 0	140 0	120 0	11 4	11 4	...	10 2	10 2	8 2½	Mirzapur	
	Benares	16 13	16 4	17 10	24 15	24 15	27 6	11 6	11 15	12 12	16 4	16 13	21 2	26 8½	26 8½	24 15	27 10	27 10	29 4	...	...	...	25 1½	24 7½	28 5	130 0	130 0	154 8	10 15½	10 15½	9 6	9 10½	9 10½	7 12	Benares	
	Gházipur	18 0	17 6½	18 10	27 8	23 13¼	31 8	10 15½	10 15½	10 5	16 1½	16 1½	17 6	25 12	25 12	25 12	20 9½	20 9½	26 6	...	...	...	25 0	25 0	31 0	100 0	100 0	125 0	11 4	11 4	10 8	11 4	10 4	...	Gházipur	
	Balia	16 4	15 10	19 6	27 8	27 8	35 0	10 0	10 0	10 0	15 0	15 0	21 4	...	...	...	...	...	...	...	...	...	17 11	18 1	21 4	150 0	150 0	150 0	11 12	11 12	11 12	12 12	12 12	12 12	Balia	
	Pilibhít	19 0	19 0	21 8	27 4	28 3	34 0	15 0	15 0	15 0	16 4	16 4	16 4	...	...	...	...	...	...	...	...	...													Pilibhít	
OUDH.	Lucknow	16 9	16 7½	18 4	23 4	23 7½	27 4	6 0	6 0	6 0	14 2	14 4¼	14 0	22 10	22 4	25 0	22 13	22 0	23 12	...	...	...	21 0	21 0	20 12	115 0	115 0	130 0	10 0	10 0	9 0	9 8	9 8	8 8	Lucknow	OUDH.
	Unáo	18 0	17 8	18 4½	26 0	24 8	24 0	10 0	10 0	8 5	15 0	15 8	15 9	...	...	33 8	...	...	22 0	...	...	...	23 0	22 8	20 0	160 0	160 0	160 0	...	...	...	11 0	11 0	9 0	Unáo	
	Bára Banki	17 8	17 0	18 8	25 0	25 0	30 0	11 0	11 0	9 0	16 0	16 0	15 0	31 0	31 0	34 0	20 0	21 0	20 0	...	...	...	22 0	22 0	24 0	130 0	120 0	120 0	12 0	12 0	10 0	10 0	10 0	9 0	Bára Banki	
	Sitapur	19 2	18 3	21 8	25 5	24 10	29 0	8 0	8 0	8 0	15 6	15 8	19 0	...	22 0	20 0	20 0	20 0	23 8	...	...	...	21 0	20 12	22 0	160 0	160 0	160 0	12 0	12 0	...	10 8	11 0	7 8	Sitapur	
	Hardui	16 4	15 15	20 5	23 7	22 8	33 12	5 10	5 10	5 10	11 0	11 0	13 2	...	21 9	...	...	22 8	...	...	...	...	18 12	18 1	23 7	240 0	240 0	240 0	9 6	9 6	8 7	7 8	7 8	8 8	Hardui	
	Kheri	19 4	18 8	25 0	27 0	27 0	34 0	7 0	7 0	9 0	16 0	16 0	18 0	29 0	27 0	...	...	...	...	...	...	...	18 0	18 8	27 0	160 0	160 0	200 0	11 0	11 0	11 0	10 0	10 0	8 12	Kheri	
	Fyzabad	16 12	17 0	19 0	27 0	26 8	31 0	10 0	10 0	10 0	17 4	16 6	14 8	31 0	30 0	38 0	13 0	13 0	16 8	...	...	...	22 12	23 0	25 12	140 0	140 0	120 0	11 0	11 0	8 8	10 0	10 0	8 12	Fyzabad	
	Bharaich	16 0	16 0	19 0	32 0	32 0	38 0	9 0	9 0	9 0	17 0	17 0	16 0	34 0	30 0	38 0	13 0	13 0	16 8	...	...	...	26 0	26 0	24 0	160 0	160 0	160 0	...	...	...	9 0	9 0	8 4	Bharaich	
	Gonda	19 10	18 9	22 6	31 0	30 4	35 0	15 12	15 8	15 0	17 12	17 4	18 0	36 14	33 4	49 0	23 12	24 0	20 0	...	...	...	26 13	26 12	28 0	240 0	240 0	200 0	11 8	11 8	9 12	13 12	11 4	9 12	Gonda	
	Rai Bareli	19 0	19 0	19 6	25 0	27 0	21 8	...	...	...	16 8	16 8	14 8	24 0	24 0	...	20 0	20 0	...	...	...	...	20 0	21 8	18 0	160 0	160 0	160 0	...	...	...	9 0	9 0	7 12	Rai Bareli	
	Sultánpur	19 0	19 0	20 12	29 0	29 0	30 0	11 0	11 0	10 0	17 8	17 0	16 8	...	...	...	20 0	22 0	...	...	...	...	26 0	26 0	23 0	160 0	160 0	160 0	12 0	11 8	9 12	13 12	11 4	9 12	Sultánpur	
	Partábgarh	19 5	19 5	21 6	26 5	29 2	31 8	16 2	16 2	14 14	17 10	17 10	16 10	...	...	...	...	...	...	...	...	...	21 10	22 14	20 5	200 0	200 0	200 0	11 0	11 0	9 0	10 8	10 8	8 10	Partábgarh	
PUNJAB.	Delhi	17 4	17 8	18 12	22 8	24 0	26 0	...	...	...	13 8	14 0	13 0	24 0	25 0	22 0	18 8	20 0	19 0	...	...	...	21 8	21 0	21 8	80 0	80 0	80 0	12 8	12 8	...	11 8	11 8	11 8	Delhi	PUNJAB.
	Gurgaon	19 0	17 8	21 0	25 0	22 8	29 0	...	...	...	13 0	13 0	13 0	25 0	24 0	20 0	22 0	19 0	22 0	...	...	...	23 2	20 8	23 0	130 0	130 0	120 0	12 0	12 0	...	12 0	12 0	10 0	Gurgáon	
	Karnál	19 0	17 0	21 0	28 0	27 0	32 0	...	...	...	12 0	12 0	12 0	27 0	27 0	28 0	16 0	16 0	20 0	...	...	...	25 0	22 0	27 8	160 0	160 0	160 0	11 8	11 8	...	11 4	11 4	10 0	Karnál	
	Hissar	17 0	17 0	20 0	30 0	30 0	27 0	...	...	...	10 0	10 0	10 0	30 0	28 0	30 0	26 0	26 0	26 0	...	...	...	26 0	26 0	33 0	80 0	80 0	100 0	10 8	9 8	...	10 0	9 0	10 0	Hissar	
	Rohtak	17 12	17 0	21 8	25 0	23 0	25 0	...	...	...	9 0	9 0	12 0	25 0	28 0	30 0	25 0	22 0	25 0	...	...	...	25 0	23 0	28 0	100 0	100 0	100 0	11 1	11 0	...	10 5	10 0	10 8	Rohtak	
	Sirsa [a]	21 0	19 12	19 0	33 4	35 0	...	...	...	...	12 0	12 0	12 0	33 0	33 8	28 0	30 0	27 12	28 0	...	...	...	37 0	33 0	32 0	120 0	120 0	120 0	11 8	11 8	...	11 0	11 0	8 0	Sirsa	
	Umballa	22 8	21 0	20 12	28 0	26 0	28 0	...	...	...	12 0	12 0	12 0	27 0	27 0	20 0	25 0	28 0	18 0	...	...	...	26 8	24 0	24 0	140 0	140 0	160 0	13 10	13 10	...	13 8	13 8	11 4	Umballa	
	Ludhiana	26 0	23 0	21 8	34 0	31 0	37 0	...	...	...	12 0	12 0	11 0	40 0	30 0	28 0	25 0	25 0	21 8	...	...	...	33 8	27 0	26 8	100 0	100 0	100 0	14 10	14 10	...	14 8	14 4	11 8	Ludhiána	
	Simla	...	14 0	15 0	...	...	...	...	...	...	...	...	10 0	...	...	...	...	...	...	...	...	...	16 12	16 0	16 0	80 0	80 0	80 0	10 12	10 1	...	10 1	9 7	8 4	Simla	
	Jullundur [b]	23 0	22 0	21 0	37 0	32 0	30 0	...	...	...	8 0	8 0	8 0	32 0	32 0	25 0	20 0	20 0	18 0	...	...	...	28 8	27 0	24 0	100 0	100 0	100 0	14 4	14 0	...	13 12	13 0	11 4	Jullundur	
	Hoshiárpur [b]	24 8	23 0	21 8	35 0	31 0	30 0	...	...	...	11 0	11 0	10 0	29 0	27 0	25 0	22 0	17 0	16 0	...	...	...	28 8	26 0	22 8	100 0	100 0	120 0	14 0	13 12	...	13 12	13 8	11 8	Hoshiárpur	
	Kangra	24 0	24 0	20 8	40 0	38 0	30 0	...	...	...	15 0	15 0	14 0	...	...	...	...	...	...	...	...	...	21 0	20 0	15 0	140 0	140 0	160 0	10 8	10 8	...	10 0	10 0	9 8	Kangra	

(*a*) Barley, bajra, jowar and gram falling. (*b*) Barley falling.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT INDIA FOR THE 2nd HALF OF AUGUST 1882—*continued*.

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

Provinces	Districts	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholum, Jowari, *Holcus Sorghum*). Present fortnight.	Great Millet (Cholum, Jowari, *Holcus Sorghum*). Past fortnight.	Great Millet (Cholum, Jowari, *Holcus Sorghum*). Corresponding fortnight of 1881.	Bairash Millet (Cumboo, Bajra), *Penicillaria Spicata*. Present fortnight.	Bairash Millet (Cumboo, Bajra), *Penicillaria Spicata*. Past fortnight.	Bairash Millet (Cumboo, Bajra), *Penicillaria Spicata*. Corresponding fortnight of 1881.	Lesser Millets, Ragi, Kodo, (Kavaru, Varagu, Sawee, Cheena, Coraloo, Gurhwa, Nuglee), *Panicum Miliaceum*, &c. Present fortnight.	Lesser Millets, Ragi, Kodo, (Kavaru, Varagu, Sawee, Cheena, Coraloo, Gurhwa, Nuglee), *Panicum Miliaceum*, &c. Past fortnight.	Lesser Millets, Ragi, Kodo, (Kavaru, Varagu, Sawee, Cheena, Coraloo, Gurhwa, Nuglee), *Panicum Miliaceum*, &c. Corresponding fortnight of 1881.	Gram. Present fortnight.	Gram. Past fortnight.	Gram. Corresponding fortnight of 1881.	Firewood. Present fortnight.	Firewood. Past fortnight.	Firewood. Corresponding fortnight of 1881.	Salt. Wholesale. Present fortnight.	Salt. Wholesale. Past fortnight.	Salt. Wholesale. Corresponding fortnight of 1881.	Salt. Retail. Present fortnight.	Salt. Retail. Past fortnight.	Salt. Retail. Corresponding fortnight of 1881.	Districts	Provinces
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Ch. S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.		
Punjab—*continued*.	Amritsar	24 8	24 8	20 8	39 0	39 0	26 8	...	...	...	11 8	11 8	11 0	29 4	29 4	22 8	22 8	23 8	16 8	...	...	...	30 4	29 4	23 0	80 0	80 0	80 0	14 12	14 12	...	14 6	14 6	12 4	Amritsar	Punjab—*continued*.
	Siálkot	24 0	24 8	19 8	39 0	40 0	32 0	...	...	...	15 0	15 0	13 0	27 0	27 0	21 0	21 0	22 0	12 0	...	...	...	24 0	25 8	19 0	140 0	130 0	120 0	15 0	15 0	...	14 8	14 8	12 4	Siálkot	
	Gurdáspur	30 0	30 0	23 0	40 0	40 0	28 0	...	...	...	16 0	16 0	12 0	24 0	24 0	16 0	14 0	14 0	13 0	...	...	...	32 0	33 0	22 0	120 0	120 0	120 0	13 4	18 4	...	13 0	13 0	10 8	Gurdáspur	
	Lahore	23 0	23 8	19 0	36 0	36 0	26 0	...	...	...	11 0	11 0	9 0	28 0	28 0	18 0	24 0	24 0	13 0	...	...	...	28 8	29 0	19 8	80 0	80 0	70 0	15 0	15 0	...	14 0	14 0	10 0	Lahore	
	Ferozepore	22 8	21 8	19 0	33 0	32 0	26 0	...	...	...	11 0	11 0	9 0	35 0	35 0	18 0	...	...	...	...	...	...	32 0	29 0	26 0	80 0	80 0	100 0	13 8	12 8	...	13 0	12 8	11 8	Ferozepore	
	Gujránwála	24 0	24 8	19 0	38 0	38 0	30 0	...	...	...	13 0	13 0	11 0	22 0	22 0	16 0	20 0	20 0	14 0	...	...	...	26 4	28 0	19 8	95 0	95 0	95 0	15 0	15 4	...	15 0	15 4	12 0	Gujránwála	
	Ráwalpindi	20 0	20 8	13 4	30 0	29 0	23 0	...	...	...	8 12	8 4	7 0	30 12	30 0	18 0	24 0	24 0	17 0	...	...	...	22 6	22 0	17 4	80 0	95 0	54 0	14 12	14 12	...	14 8	14 8	11 14	Ráwalpindi	
	Jhelum	24 0	24 0	16 4	31 0	31 0	23 0	...	...	...	10 0	10 0	8 0	25 0	25 0	16 0	24 0	24 0	16 0	...	...	...	23 0	24 0	17 12	160 0	160 0	90 0	16 8	16 8	...	16 0	16 0	13 0	Jhelum	
	Gujrát	24 12	25 12	19 0	41 9	39 8	29 0	...	...	...	12 0	12 0	8 0	25 0	25 0	17 0	28 0	28 0	16 0	...	...	...	24 4	25 0	18 12	100 0	100 0	100 0	...*	...*	...	15 0	15 0	12 0	Gujrát	
	Shahpúr	20 12	20 12	16 0	32 0	32 0	24 0	...	...	...	13 0	13 0	11 0	26 0	26 0	14 0	20 0	19 0	14 0	...	...	...	23 8	23 0	18 8	320 0	320 0	320 0	17 0	17 0	...	16 0	16 0	14 0	Shahpúr	
	Mooltan	17 0	17 0	14 4	28 0	27 0	21 0	...	...	...	10 0	10 0	8 0	28 0	27 0	18 0	24 0	23 0	14 0	...	...	...	23 0	24 0	17 0	90 0	90 0	80 0	14 12	14 12	...	14 8	14 8	12 4	Mooltan	
	Jhang [*a*]	19 0	19 8	15 8	32 0	31 0	23 0	...	...	...	11 0	10 8	9 0	24 0	16 0	16 0	18 0	16 0	16 0	...	...	...	22 0	23 8	17 0	200 0	200 0	200 0	15 2	14 4	...	15 0	14 0	12 8	Jhang	
	Montgomery	19 0	20 8	16 0	24 0	24 0	20 0	...	...	...	5 8	5 8	5 8	20 0	20 0	8 12	16 0	16 0	0 ...	...	...	...	28 0	28 0	18 0	200 0	200 0	200 0	12 0	12 0	...	11 0	11 0	10 8	Montgomery	
	Muzaffargarh	18 8	20 0	16 0	26 0	26 0	22 0	...	...	...	7 0	7 0	5 0	18 0	18 0	14 0	18 0	18 0	13 0	...	...	...	21 0	20 0	15 0	120 0	120 0	100 0	...*	...*	...	12 0	13 0	11 0	Muzaffargarh	
	Dera Ismail Khán [*a*]	19 4	18 13	16 14	27 14	27 1	25 10	...	...	...	8 12	8 12	7 8	30 0	25 13	21 4	22 8	21 8	19 14	...	...	...	25 0	24 0	25 8	100 0	100 0	100 0	55 0	55 0	...	53 0	53 0	47 8	Dera Ismail Khán	
	Dera Gházi Khán	17 8	17 8	15 0	20 0	20 0	21 4	...	...	...	7 8	7 8	7 8	21 4	20 0	17 8	20 0	20 0	16 0	...	...	...	19 6	19 6	18 2	100 0	100 0	125 0	31 4	31 4	...	28 12	28 12	26 4	Dera Gházi Khán	
	Bannu [*a*]	30 0	30 10	20 10	41 14	45 0	36 4	...	...	...	8 12	8 12	6 4	37 8	25 0	20 0	25 0	25 0	20 0	...	...	...	29 6	29 11	31 14	80 0	80 0	80 0	120 0	120 0	...	100 0	100 0	100 0	Bannu	
	Peshawar	19 8	19 0	10 9	35 12	36 0	22 12	...	...	...	9 8	9 8	6 0	29 0	28 0	16 0	28 0	28 0	16 0	...	...	...	16 8	17 3	13 4	100 0	96 0	66 0	58 8	58 8	...	56 0	56 0	42 8	Peshawar	
	Kohát	17 8	16 4	12 0	31 14	31 14	23 4	...	...	...	12 2	12 2	7 10	22 14	24 3	15 11	21 10	19 2	...	...	...	...	15 15	17 14	16 7	76 0	76 0	63 0	99 8	89 0	...	85 0	75 0	45 14	Kohát	
	Házára [*b*]	23 4	23 8	15 8	40 0	39 0	34 0	...	...	...	12 0	12 0	10 0	...	...	...	...	...	...	...	...	...	20 0	20 0	13 4	80 0	140 0	200 0	12 0	12 0	...	12 0	...	10 0	Házára	
Central Provinces	Nágpur																																			Nágpur	Central Provinces
	Bhandára																																			Bhandára	
	Chanda																																			Chánda	
	Wardha																																			Wardha	
	Bálaghát																																			Bálaghát	
	Jubbulpore																																			Jubbulpore	
	Saugor																																			Saugor	
	Damoh																																			Damoh	
	Seoni																																			Seoni	
	Mandla	No return received																											No return received							Mandla	
	Betúl																																			Betúl	
	Chhindwára																																			Chhindwára	
	Hoshangabad																																			Hoshangabad	
	Narsinghpur																																			Narsinghpur	
	Nimár																																			Nimár	
	Raipur																																			Raipur	
	Sambalpur																																			Sambalpur	
	Bilaspur																																			Bilaspur	
British Burma.	*Arakan Division.*																																			*Arakan Division.*	British Burma.
	Akyab																																			Akyab	
	Northern Arakan																																			Northern Arakan	
	Kyoukpyoo																																			Kyoukpyoo	
	Sandoway																																			Sandoway	
	Pegu Division.																																			*Pegu Division.*	
	Rangoon town and Hanthawaddy																																			Rangoon town and Hanthawaddy	
	Tharrawaddy																																			Tharrawaddy	
	Prome																																			Prome	
	Irrawaddy Division.																																			*Irrawaddy Division.*	
	Henzada																																			Henzada	
	Bassein	No return received																											No return received							Bassein	
	Thonegwa																																			Thonegwa	
	Thayetmyo																																			Thayetmyo	
	Tenasserim Division.																																			*Tenasserim Division.*	
	Moulmein town and Amherst																																			Moulmein town and Amherst	
	Tavoy																																			Tavoy	
	Mergui																																			Mergui	
	Toungoo																																			Toungoo	
	Shwaygyin																																			Shwaygyin	
	Salween																																			Salween	
Hyderabad Assigned Districts.	Secunderabad	17 4	16 12	15 2	...	...	...	7 8	7 2	7 2	9 13	9 13	9 13	24 14	23 14	24 14	27 0	27 0	24 14	...	...	...	18 4	17 12	20 11	125 0	125 0	125 0	10 11	10 11	9 7	10 3	10 3	9 0	Secunderabad	Hyderabad Assigned Districts.
	Bolarum	18 10	18 1	16 11	...	...	...	7 6	7 6	8 1	9 4	9 1	9 5	28 4	27 0	25 11	...	...	...	...	...	...	20 4	19 7	21 11	116 14	116 14	116 14	...	...	...	10 12	10 12	9 5	Bolarum	
	Chudderghat	13 8	14 0	12 8	...	...	...	7 0	7 0	7 0	9 8	9 8	8 8	27 0	27 0	24 8	33 0	24 0	36 0	...	...	...	19 0	17 0	19 8	80 0	80 0	80 0	...	...	...	9 8	9 8	9 0	Chudderghat	
	Amráoti	16 0	16 0	16 0	16 0	11 0	11 0	10 8	8 0	8 0	7 0	10 0	10 0	8 0	26 0	26 0	40 0	18 0	19 0	26 0	...	...	19 0	20 0	22 0	64 0	64 0	70 0	12 0	12 0	11 0	11 8	11 8	10 8	Amráoti	
	Akola	17 0	16 0	16 0	...	...	...	7 0	8 0	8 0	10 0	10 0	10 0	28 0	26 0	46 0	21 0	21 0	24 0	8	8	7 8	22 0	21 0	24 0	64 0	64 0	64 0	11 0	11 0	9 8	10 0	10 0	9 0	Akola	
	Ellichpur	15 0	15 0	17 0	12 0	12 0	12 0	8 0	10 0	8 0	12 0	12 0	10 0	22 0	24 0	29 0	22 0	22 0	26 0	...	...	...	18 0	18 0	21 0	64 0	64 0	64 0	...	...	...	11 0	11 0	10 0	Ellichpur	
	Buldana	17 0	17 0	25 0	...	...	...	...	...	...	11 0	11 0	11 0	32 0	32 0	52 0	28 0	28 0	37 0	...	...	...	22 0	22 0	34 0	...	...	...	...	...	...	10 0	10 0	10 0	Buldána	
	Wun	13 8	13 8	17 0	...	...	...	7 0	7 0	7 0	10 8	10 8	10 0	28 0	28 0	36 0	...	...	...	...	...	...	20 0	20 0	22 0	100 0	100 0	100 0	...	...	...	8 0	8 0	8 0	Wún	
	Basim	20 0	20 0	22 0	...	...	...	5 4	5 4	5 0	12 0	12 0	14 0	34 0	34 0	48 0	...	...	...	...	...	...	26 0	26 0	28 0	64 0	64 0	64 0	8 8	10 0	8 8	8 4	9 0	8 0	Basim	

[*a*] Jowar falling [*b*] Firewood falling. * No wholesale salt sold.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT INDIA FOR THE 2nd HALF OF AUGUST 1882 —*concluded.*

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

PROVINCES.	DISTRICTS.	Wheat.			Barley.			Rice (best sort).			Rice (common).			Great Millet (Cholum, Jowar), *Holcus Sorghum.*			Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.*			Lesser Millets, Ragi, &c. (Kavaru, Varagu, Sawe, Cheena, Coraloo, Murhwa, Nuglee). *Panicum Miliaceum,* &c.			Gram.			Firewood.			Salt. Wholesale.			Salt. Retail.			DISTRICTS.	PROVINCES.
		Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.		
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.		
MYSORE.	Bangalore	11 2	11 0	12 3	12 11	12 8	13 3	9 14	10 0	9 14	11 2	11 2	11 0	26 5	25 3	25 1	...	...	...	...	...	...	31 0	30 7	30 5	96 0	96 0	84 0	13 0	13 0	10 8	12 12	12 12	10 0†	Bangalore	MYSORE.
	Kolar	...	...	...	10 2	10 6	11 1	13 15	13 15	10 12	15 3	15 3	13 9	...	...	...	...	...	...	...	...	...	33 1	31 15	37 10	172 6	172 6	172 6	13 8	13 3	11 5	13 3	12 14	11 1†	Kolar	
	Túmkúr	14 0	14 0	12 8	12 8	12 8	12 8	12 0	12 0	12 0	13 0	13 0	13 0	...	...	...	...	...	...	...	...	...	37 0	37 0	37 0	340 0	340 0	340 0	10 0	10 0	15 8	9 8	9 8	15 0‡	Túmkúr	
	Mysore	12 0	11 0	10 8	...	...	12 1	11 1	11 0	10 0	11 12	11 4	11 0	24 0	...	...	...	...	...	...	...	...	27 0	26 0	28 0	600 0	400 0	600 0	...	...	...	9 0	8 0	8 0†	Mysore	
	Hassan	10 8	10 0	11 0	11 0	10 0	12 0	10 8	11 0	11 0	12 10	13 10	13 10	31 8	28 6	42 0	...	...	...	...	...	...	32 0	28 0	32 0	480 0	480 0	480 0	11 0	11 5	...	10 8	10 4	8 15†	Hassan	
	Shimoga	12 10	12 10	14 11	13 10	13 10	16 13	10 8	11 0	11 0	13 0	13 0	13 10	...	...	...	...	...	...	...	...	...	29 6	29 6	40 0	480 0	480 0	480 0	...	...	...	11 0	11 0	9 0†	Shimoga	
	Kadur	15 0	15 0	8 0	14 0	14 0	...	11 0	11 0	11 8	13 0	12 0	15 0	...	...	...	...	...	...	...	...	...	23 0	23 0	22 0	64 0	64 0	64 0	...	...	...	11 0	11 0	9 0†	Kadur	
	Chitaldroog	14 0	15 12	16 0	16 0	17 12	20 0	11 0	11 0	11 8	13 0	12 0	12 0	36 0	36 0	40 0	28 0	28 0	48 0	...	...	...	25 0	30 0	30 0	100 0	100 0	100 0	12 0	12 0	16 0	12 0	12 0	16 0‡	Chitaldroog	
COORG.	Coorg	8 14	8 8	7 7	8 6	8 3	8 11	10 13	10 13	10 3	13 13	12 11	14 13	...	...	...	...	...	...	...	...	...	38 0	49 5	30 0	30 0	32 0	100 0	100 0	100 0	8 10	8 13	...	8 3	8 4	8 0	Coorg	COORG.
RAJPOOTANA.	Jeypore	16 0	16 4	16 0	22 0	20 0	24 0	6 0	6 0	6 0	9 0	9 0	8 0	20 0	17 0	25 0	19 0	19 0	23 0	...	...	...	19 10	24 15	18 0	18 0	20 0	110 0	110 0	110 0	14 4	14 4	...	14 0	14 0	11 8	Jeypore	RAJPOOTANA.
	Kishengurh	17 0	17 8	17 8	24 8	25 8	27 0	8 0	8 0	8 8	10 0	10 8	9 0	24 0	21 8	26 8	20 8	19 0	21 0	...	...	...	21 5	19 10	24 6	110 0	110 0	110 0	8 10	8 13	...	8 3	8 4	8 0	Coorg	
	Kerrowlee	16 0	16 0	17 0	18 8	18 8	21 8	12 8	12 8	11 8	13 8	13 8	13 8	19 0	19 0	20 8	16 0	16 0	19 0	...	...	...	18 0	18 0	20 0	...	...	...	14 4	14 4	...	14 0	14 0	11 8	Jeypore	
	Ulwur	19 1	18 12	17 13	26 3	24 0	23 8	9 0	8 0	8 0	11 10	11 10	11 6	23 8	23 8	23 8	17 8	17 13	19 2	...	...	...	18 8	18 8	18 8	...	...	...	13 1	13 1	...	13 0	13 0	10 0	Kishengurh	
	Bhurtpore (City)	17 8	17 7	17 0	23 8	22 13	22 0	6 8	6 12	6 8	11 0	11 4	7 0	22 0	20 11	19 8	17 8	17 11	19 0	...	...	...	21 8	21 0	23 0	70 0	70 0	60 0	15 13	15 13	...	15 6	15 4	11 15	Kerrowlee	
	Ajmere	15 8	16 0	18 0	23 0	22 0	27 0	5 0	5 0	5 0	8 0	8 0	8 0	18 0	18 0	24 0	17 0	18 0	21 0	...	...	...	20 5	19 8	20 4	...	...	...	12 1	12 0	...	15 0	15 0	12 0	Ulwur	
	Deoli Cantonment	16 1	16 0	19 4	20 5	20 15	23 0	...	...	...	10 8	10 8	9 8	20 0	20 0	23 14	20 4	16 0	22 8	...	...	...	...	...	...	...	...	...	...	...	...	11 8	11 8	11 8	Bhurtpore (City)	
																													Rs. A. P.	Rs. A. P. per md.	Rs. A. P.					
	Erinpura	16 12	16 4	17 13	28 9	28 0	30 0	...	...	...	8 0	8 0	8 0	20 9	22 0	23 8	24 15	22 0	24 0	...	...	...	22 8	22 0	22 14	160 0	160 0	160 0	3 1 2	3 1 2	...	12 0	12 0	11 0	Ajmere	
	Sirohee	17 0	17 8	18 0	28 0	29 0	27 0	7 0	7 0	6 8	8 0	8 0	8 0	17 0	17 0	18 0	21 0	21 0	23 0	...	...	...	22 0	24 0	21 0	160 0	160 0	120 0	3 0 0	3 0 0	...	12 5	12 5	11 7	Deoli Cantonment	
	Abu	15 10	15 12	15 8	23 0	23 0	23 8	6 8	6 8	5 8	8 0	8 0	7 12	...	...	...	18 0	18 0	17 8	...	...	...	21 8	20 0	16 8	160 0	160 0	160 0	3 8 0	3 8 0	...	11 8	11 8	10 8	Erinpura	
	Anadra	17 12	17 12	17 4	26 0	26 0	27 0	7 0	7 0	6 0	9 0	9 0	8 8	...	...	...	20 8	21 0	23 8	...	...	...	24 12	22 0	18 12	...	...	...	3 4 0	3 4 0	...	12 4	12 4	11 0	Sirohee	
	Hilly Tracts of Meywar	20 0	22 0	24 0	24 0	28 0	38 0	...	...	...	18 0	18 0	11 0	...	...	...	...	...	...	...	...	...	23 0	26 0	33 0	*	*	*	...	...	...	10 0	10 0	9 0	Abu	
																													S. Ch.	S. Ch.	S. Ch.				Anadra	
	Meywar (Oodeypore)	15 8	15 3¾	16 0¼	19 14¾	20 11¼	21 1½	10 2½	10 2¼	7 13	...	...	...	...	...	...	...	...	...	...	...	...	16 0½	16 0½	20 11¼	200 0	200 0	200 0	9 14½	10 2½	...	9 12	9 12¼	7 0½	Hilly Tracts of Meywar	
	Bánswára (Meywar Agency)	21 14	22 8	25 0	...	...	...	10 0	10 0	7 8	17 8	18 12	16 4	...	...	...	...	...	...	...	...	...	35 0	40 0	37 8	...	...	...	...	...	...	11 4	11 4	9 6	Meywar (Oodeypore)	
	Partábgarh („)	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	No return received			Bánswára (Meywar Agency)	
																													Rs. A. P.	Rs. A. P. per md.	Rs. A. P.				Partábgarh („)	
	Marwar (Jodhpore)	16 4	15 15	15 15	21 4	22 8	24 11	6 4	6 4	5 0	7 8	7 8	6 4	22 8	22 8	21 0	20 0	20 0	20 0	...	...	...	20 0	19 11	16 4	...	...	...	2 0 0	2 9 0	...	15 0	15 0	14 6	Marwar (Jodhpore)	
																													S. Ch.	S. Ch.	S. Ch.					
	Bikaneer	12 10	11 8	10 0	...	...	...	3 4	3 4	2 14	7 12	6 12	6 2	...	...	...	19 0	18 0	14 8	...	...	...	18 0	17 12	11 12	...	...	...	...	...	...	11 8	11 8	11 8	Bikaneer	
	Boondee	16 8	17 0	24 0	27 0	27 0	31 0	10 0	9 8	8 0	10 8	10 0	9 0	26 8	27 0	30 0	...	...	...	...	...	...	27 0	24 8	30 0	120 0	120 0	160 0	11 8	11 12	9 0	11 0	11 8	...	Boondee	
	Kotah	16 12	16 12	26 4	18 8	19 4	32 0	8 12	8 12	8 0	11 12	11 12	10 0	22 0	21 8	44 0	15 0	16 0	17 8	...	...	...	24 12	24 12	32 8	240 0	240 0	240 0	12 12	12 12	...	12 4	12 4	9 4	Kotah	
	Tonk	13 7	14 4	18 15	21 5	20 5	23 11	7 0	7 0	7 0	9 4	9 12	9 0	23 5	22 12	26 1	18 6	18 0	22 0	...	...	...	20 14	20 8	22 6	160 0	160 0	100 0	12 0	12 0	10 8	11 12	11 12	...	Tonk	
	Jhallawar	15 4	16 1	21 14¼	15 14	15 14	27 14	...	...	...	10 2	8 14	8 13¼	19 1	17 4	28 5	18 6	18 6	18 3¼	...	...	...	21 4	21 4	24 5½	...	...	...	9 15	9 11½	...	9 15	9 11½	7 1	Jhallawar	
	Shahpoora	16 0	16 1	19 4	20 6	20 6	25 4	11 2	10 4	10 1	14 8	14 8	13 8	16 12	16 8	22 11	16 2	16 5	18 0	...	...	...	19 4	19 0	23 4	160 0	160 0	160 0	13 7	13 8	10 8	13 3	13 4	...	Shahpoora	
	Dholpur	16 10	17 9	16 8	20 4	24 3	20 4	7 14	10 2	7 14	11 12	12 6	11 13	20 3	21 10	20 3	17 14	21 15	17 14	...	...	...	18 15	23 1	18 15	...	...	...	10 11	12 15	13 1	10 0	12 2	12 3	Dholpur	
CENTRAL INDIA.	Indore	15 8	15 0	18 7	...	...	...	8 9	10 0	7 8	10 0	12 0	8 9	20 13	21 5	30 0	20 0	20 0	24 0	...	...	...	18 0	19 9	20 13	100 0	100 0	100 0	12 0	12 0	...	...	...	11 11	6 3	Indore	CENTRAL INDIA.
	Gwalior	15 11	15 9	16 5	18 12	18 12	19 3	7 11	7 7	6 14	9 13	9 10	9 10	19 12	20 1	18 14	19 1	19 7	17 6	...	...	...	20 14	20 1	16 15	100 6	100 6	109 8	...	...	...	11 14	11 10	9 13	Gwalior	
	Goona	20 4	20 0	28 0	19 0	17 0	21 0	9 8	9 8	8 0	10 0	10 0	10 0	23 0	24 0	37 8	16 0	16 0	21 0	...	...	...	25 0	24 8	36 0	200 0	200 0	200 0	11 8	11 8	...	11 0	11 0	9 4	Goona	
	Baghelkhand (Sutna)	21 0	21 1	20 10	32 0	32 0	28 0	8 0	8 0	7 0	18 0	18 0	19 0	32 0	32 0	28 0	24 0	24 0	18 0	...	...	...	30 0	30 2	26 10	160 0	160 0	160 0	12 5	12 7	...	11 12	11 10	10 9	Baghelkhand (Sutna)	

* Eight pies per bundle. † Sea Salt. ‡ Earth Salt.

DEPARTMENT OF FINANCE AND COMMERCE,
(*Statistical Branch.*)

D. M. BARBOUR,
Secretary to the Government of India.

GOVERNMENT OF INDIA.

DEPARTMENT OF FINANCE AND COMMERCE.

Comparative Statement of the Nett Indian Sea and Land Customs Revenue (excluding Salt Revenue) for the first five months of the official year 1882-83, and of the eleven preceding years.

(IN THOUSANDS OF RUPEES.)

YEAR.	FOR THE FIVE MONTHS, APRIL TO AUGUST.																								YEAR.
	BENGAL.				BOMBAY.				SINDH.				MADRAS.				BRITISH BURMA.				TOTAL BRITISH INDIA.				
	On Imports of Liquors.	On other Imports.	On Exports.	Total Revenue.	On Imports of Liquors.	On other Imports.	On Exports.	Total Revenue.	On Imports of Liquors.	On other Imports.	On Exports.	Total Revenue.	On Imports of Liquors.	On other Imports.	On Exports.	Total Revenue.	On Imports of Liquors.	On other Imports.	On Exports.	Total Revenue.	On Imports of Liquors.	On other Imports.	Total Import Revenue.	Export Revenue.	Total Revenue.	
1871-72 . .	4,48	28,91	8,81	42,20	3,47	14,29	1,58	19,34	49	37	54	1,40	1,45	5,22	6,30	12,97	69	1,70	8,54	10,93	10,58	50,49	61,07	25,77	86,84	1871-72.
1872-73 . .	5,66	28,14	9,03	42,83	2,23	15,63	1,35	19,21	47	38	89	1,74	1,66	5,03	4,98	11,67	1,36	1,91	16,41	19,68	11,38	51,09	62,47	32,66	95,13	1872-73.
1873-74 . .	4,20	28,20	6,75	39,15	2,54	13,97	1,38	17,89	51	25	48	1,24	1,58	5,50	6,25	13,33	1,37	1,88	13,09	16,34	10,20	49,80	60,00	27,95	87,95	1873-74.
1874-75 . .	4,96	31,23	5,16	41,35	2,69	16,55	1,49	20,73	53	25	56	1,34	1,45	5,95	5,64	13,04	1,75	2,70	9,16	13,61	11,38	56,68	68,06	22,01	90,07	1874-75.
1875-76 . .	5,28	32,25	6,67	44,20	2,78	16,79	3,37	22,94	52	35	85	1,72	1,79	6,11	6,24	14,14	1,45	1,81	16,41	19,67	11,82	57,31	69,13	33,54	1,02,67	1875-76.
1876-77 . .	5,56	25,98	4,83	36,37	3,49	13,64	48	17,61	57	25	9	91	2,46	5,56	3,81	11,83	1,99	2,15	11,82	15,96	14,07	47,58	61,65	21,03	82,68	1876-77.
1877-78 . .	6,21	32,73	4,94	43,88	3,74	16,84	49	21,07	92	30	15	1,37	2,27	3,25	73	6,25	2,10	2,24	9,24	13,58	15,24	55,36	70,60	15,55	86,15	1877-78.
1878-79 . .	5,62	27,50	5,65	38,77	3,49	15,08	85	19,42	81	20	10	1,11	2,43	4,14	1,80	8,37	3,21	2,77	11,94	17,92	15,56	49,69	65,25	20,34	85,59	1878-79.
1879-80 . .	4,88	24,46	3,39	32,73	3,70	12,70	80	17,20	1,21	33	8	1,62	2,20	3,59	2,12	7,91	2,96	2,36	15,59	20,91	14,95	43,44	58,39	21,98	80,37	1879-80.
1880-81 . .	5,52	23,25	3,93	32,70	3,53	17,23	69	21,45	1,77	42	9	2,28	2,03	4.35	4,16	10,54	2,07	3,02	16,66	21,75	14,92	48,27	63,19	25,53	88,72	1880-81.
1881-82 . .	5,69	23,43	5,93	35,05	4,25	16,54	65	21,44	1,60	54	13	2,27	2,15	4,29	2,85	9,29	2,90	3,01	20,08	25,99	16,59	47,81	64,40	29,64	94,04	1881-82.
1882-83 . .	5,95	5	6,25	12,25	4,28	—90*	56	3,94	1,38	4	21	1,63	2,23	1	1,78	4,02	3,47	4	25,33	28,84	17,31	—76*	16,55	34,13	50,68	1882-83.

* The amount refunded is greater than the Duty collected.

DEPARTMENT OF FINANCE AND COMMERCE,
STATISTICAL BRANCH;
Calcutta, 19th September 1882.

D. M. BARBOUR,
Secretary to the Government of India.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

IRRIGATION BRANCH.

IRRIGATION OPERATIONS IN BENGAL FOR 1882-83.

Areas leased for irrigation up to end of July 1882.

Circle.	District.	Canal.	SUPPLY OF WATER IN THE CANALS.			KHARIF.								RABI.				SUGARCANE.		GRAND TOTAL.				Grand total of the corresponding month of previous year.	RAINFALL.			REMARKS.
						FIVE-YEAR LEASES.			THREE-YEAR LEASES.			ANNUAL LEASES.		THREE-YEAR LEASES.			ANNUAL LEASES.											
			Estimated full discharge in cubic feet per second.	Estimated full discharge in cubic feet per second throughout the month.	Estimated discharge utilised.	Leased in July 1882.	Leased up to end of July 1882.	Total, inclusive of unexpired leases of previous years.	Leased in July 1882.	Leased up to end of July 1882.	Total, inclusive of unexpired leases of previous years.	Leased in July 1882.	Leased up to end of July 1882.	Leased in July 1882.	Leased up to end of July 1882.	Total, inclusive of unexpired leases of previous years.	Leased in July 1882.	Leased up to end of July 1882.	Leased in July 1882.	Leased up to end of July 1882.	Kharif.	Rabi.	Sugarcane.	Total.		Inches during the month.	Inches during 1882-83.	Average of the ten previous years of the same period.	
			c. ft.	c. ft.	c. ft.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Ins.	Ins.	Ins.	
Orissa	Cuttack	Kendrapara	1,269	544·20	...	...	...	40,081	...	...	13,607	...	...	...	...	...	...	502	1	53,688	502	1	54,191	50,210	25·39	42·42	12·14	
		Patamoondee	1,042	57·60	...	...	...	11,272	...	...	796	...	...	...	...	...	61	79	...	...	12,068	79	...	12,147	12,046				
		High Level, Section I	675	345·83	...	...	...	13,587	...	...	626	...	...	...	...	...	67	67	...	8	14,213	67	8	14,288	14,005				
		Taldanda	1,300	430·00	...	...	...	10,076	...	...	932	...	...	...	...	...	328	328	30	20	11,008	328	30	11,366	10,719				
		Matchgong	650	271·00	...	...	...	25,269	...	...	6,197	...	...	...	...	...	313	501	65	75	31,466	501	75	32,042	28,890				
	Balasore	High Level, Section II	727·16	134·30	...	...	...	204	...	...	1,176	...	...	...	...	...	...	...	52	55	1,380	...	55	1,435	1,412				
	Total of the month		...	...	...	...	...	100,489	...	...	23,334	...	...	...	...	...	769	1,477	147	169	123,823	1,477	169	125,469	117,382	25·39	42·42	12·14	
	Total of the corresponding month of previous year		...	...	...	...	...	100,573	13	449	11,112	...	...	...	...	...	346	5,351	79	246	111,685	5,351	246	117,282	...	14·27	32·69	13·04	
South-Western	Midnapore	Midnapore	875	1,175	...	5,688	10,702	80,929	...	...	...	...	...	...	...	...	...	...	...	...	80,929	...	...	80,929	90,495	13·69	32·65	27·88	
	Howrah	Panchkoorah	300	263	...	1,574	1,574	11,868	...	...	...	...	...	...	...	...	...	...	...	...	11,868	...	...	11,868	13,367	7·35	25·79	26·70	
	Total of the month		...	...	...	7,262	12,276	92,797	...	...	...	...	...	...	...	...	...	...	...	...	92,797	...	...	92,797	103,862	21·04	58·44	54·58	
	Total of the corresponding month of previous year		...	...	...	237	237	103,757	—194	—194	105	...	...	...	...	...	...	...	...	...	103,862	...	...	103,862	...	37·57	89·72	53·06	
Sone	Shahabad	Western Main	4,342	1,621	...	393	1,254	1,653	...	...	...	1,510	1,548	...	...	...	...	...	3	1,217	3,201	...	1,217	4,418	4,801	4·72	7·92	17·02	
		Buxar	1,226	400	...	1,090	3,302	5,896	...	...	...	4,440	4,440	...	...	...	...	...	—13	2,962	10,336	...	2,962	13,298	14,133				
		Arrah	1,660	827	...	7,219	8,369	41,361	...	...	...	5,838	5,838	...	...	3,347	...	...	30	4,426	47,219	3,347	4,426	54,992	45,783	7·34	13·06	17·75	
	Patna and Gya	Eastern Main	1,466	407	...	...	88	214	...	...	...	56	56	...	...	...	...	...	—43	35	270	...	35	305	149	7·46	18·00	17·94	
		Patna				261	725	7,424	...	...	...	4,628	5,166	...	...	...	78	...	—841	1,285	12,589	...	1,285	13,874	6,337				
	Total of the month		...	...	...	8,963	13,738	56,548	...	...	...	16,392	17,067	...	...	3,347	...	78	—864	9,925	73,615	3,347	9,925	86,887	71,203	19·52	38·98	52·71	
	Total of the corresponding month of previous year		...	...	...	10,634	18,233	23,385	...	...	7,365	25,429	26,612	...	...	...	...	...	93	13,841	57,362	...	13,841	71,203	...	33·60	59·78	55·27	
	Grand total of the month		...	...	...	16,225	26,014	249,834	...	...	23,334	16,392	17,067	...	...	3,347	769	1,555	—717	10,094	290,235	4,824	10,094	305,153	292,347	65·95	139·81	119·43	
	Grand total of the corresponding month of previous year		...	...	...	10,871	18,470	227,715	—181	255	18,532	25,429	26,612	...	...	...	346	5,351	172	14,087	273,909	5,351	14,087	292,347	...	85·44	182·19	121·37	

CALCUTTA,
The 1st September 1882.

G. F. E. S. NEILL, *Major, M.S.C.*,
Asst. Secy. to the Govt. of Bengal in the P. W. Dept., Irrigation Branch.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

IRRIGATION OPERATIONS OF FASL KHARIF, N.-W. PROVINCES, 1882, UP TO 31st JULY 1882.

Canal Division.	Water distributed during July 1882: Depth in Canal at regulating gauge in feet. Full supply.	Depth in Canal at regulating gauge in feet. Actual average throughout.	Gross Consumption, cubic feet per second. Allotted discharge.	Gross Consumption, cubic feet per second. Actual average throughout.	Total area of irrigation during current fasl.	Total area for the corresponding period of last year.
Upper Ganges. Northern	10·00	...	740	263	45,585	37,622
Upper Ganges. Anúpshahr	6·80	...	700	584	54,280	46,889
Upper Ganges. Meerut	8·30	...	969	954	63,012	52,102
Upper Ganges. Bulandshahr	7·35	...	972	634	59,676	62,110
Upper Ganges. Aligarh	5·50	...	994	417	71,986	75,934
Lower Ganges. Narora	...	...	...	...	13,351	11,671
Lower Ganges. Mainpuri	...	...	...	5	33,953	28,535
Lower Ganges. Cawnpore	6·20	...	958	251	46,923	52,534
Lower Ganges. Etáwah	4·80	...	771	...	63,870	73,203
Lower Ganges. Bhoguipur	...	...	...	...	21,072	19,969
Total, Upper and Lower Ganges Canals	...	...	...	3,108	473,708	460,569
Eastern Jumna Canal	...	...	1,250	782	75,383	76,220
Agra Canal	...	...	2,000	32	42,904	43,704
Rohilkhand	...	...	...	162	19,537	24,211
Bijnor	...	...	...	...	1,296	3,269
Dún	...	...	...	174	4,524	4,437
Jhánsi	...	...	...	...	23	13
Hamírpur	...	...	...	...	27	38
Total	...	...	...	...	617,402	612,461

Zila.	Land irrigated (approximate): Sugarcane.	Indigo.	Rice.	Cotton.	Other food-grains.	Fodder crops.	Miscellaneous.	Total.	Rainfall: Total from 1st April to 31st July 1882.	Rainfall: Average of ten previous years for the same period.
Saháranpur	19,539	1,932	15,533	614	139	109	1,601	39,467	20·9	12·4
Muzaffarnagar	47,842	4,235	16,244	2,505	421	670	1,978	73,875	18·7	11·3
Meerut	72,580	16,973	6,503	7,840	1,505	3,158	1,888	110,447	16·21	9·4
Bulandshahr	8,886	52,851	133	7,756	1,571	212	1,358	72,767	14·9	9·3
Aligarh	1,238	45,768	188	2,971	1,247	117	1,296	52,825	19·4	8·7
Muttra	1,649	9,126	...	8,437	69	144	1,329	20,754	17·2	9·9
Agra	1,179	6,816	11	795	148	52	821	9,822	21·2	11·2
Etah	3,865	26,641	96	760	794	43	1,317	33,516	26·4	9·1
Mainpuri	4,976	37,024	146	133	823	40	843	43,985	21·6	11·2
Fatehgarh	2,210	19,862	6	...	227	15	233	22,553	16·17	10·5
Etáwah	8,124	42,117	28	...	365	67	637	51,338	15·4	9·7
Cawnpore	4,364	38,823	1,664	...	1,189	348	943	47,331	18·4	7·5
Delhi	8	...	...	11	...	...	...	19	13·3	9·9
Gurgaon	2,129	2,209	...	8,479	102	310	67	13,296	8·7	10·1
Dehra Dún	1,035	...	3,202	1	...	...	286	4,524	37·8	26·3
Bijnor	...	...	137	...	...	...	1,159	1,296	20·1	13·2
Tarái	1,282	...	1,031	...	...	...	...	2,313	30·3	14·9
Pilibhit	1,067	...	531	...	...	...	...	1,598	24·4	17·6
Bareilly	8,938	...	6,688	...	...	...	...	15,626	31·3	13·7
Jhánsi	21	...	...	...	...	...	2	23	35·7	11·2
Hamírpur	11	...	15	...	...	...	1	27	23·3	10·4
Total	190,943	304,377	52,136	40,302	8,600	5,285	15,759	617,402	...	..
Total for the same period last year	161,851	306,319	49,936	64,090	9,771	3,483	17,011	612,461	...	...
Increase	29,092	...	2,200	...	...	1,802	...	4,941	...	...
Decrease	...	1,942	...	23,788	1,171	...	1,252	...	...	...

Remarks.

	Cubic feet per second.
Entering head of Ganges Canal	5,160
" Lower Ganges Canal	1,871
	7,031
Expended—	
Ganges Canal	2,852
Lower Ganges Canal	256
	3,108
Escapes—	
Anúpshahr Branch	359
Meerut Division	187
Bulandshahr ditto	150
Aligarh ditto	40
Narora ditto	572
Mainpuri ditto	187
Cawnpore ditto	614
Etawah ditto	454
Bhoguipur ditto	504
Percolation, Lower Ganges Canal	213
	3,280
Unaccounted for	643
	7,031

Executive Engineer, Meerut Division, reports that the canal was closed on the 6th July, and that irrigation stopped on the 4th idem generally over the division.

Executive Engineer, Agra Canal, reports that there was no demand for water from the 4th July.

Executive Engineer, Rohilkhand Canals, reports that July was a very wet month, and that the rains were very favorable for cultivation. There was a slight demand for rice in the five intervals, mostly on the Kiteha, Dhora and Paha. The heavy floods of the 7th July were due entirely to local rainfall. Very heavy floods in the hill rivers occurred on the 6th August, especially in Dhora, Kailas and Deoha rivers.

ALLAHABAD,
The 29th August 1882.

G. H. D. WALKER,
Asst. Secy. to Govt., N.-W. P. and Oudh, P. W. D., Irrigation Branch.

STATEMENT OF TRAFFIC ON THE AGRA CANAL FOR THE MONTH OF JULY 1882.

Nature of Traffic.	Agra Canal. Principal items of Traffic. Up. Mds.	Up. No.	Down. Mds.	Down. No.	Total up and down. Mds.	Total up and down. No.
Grains—						
Wheat	200	...	2,875	...	3,075	...
Gram	...	...	...	...	...	...
Rice	...	...	...	...	...	...
Paddy or dhán	...	...	...	...	...	...
Bejhar or mixed grain	...	...	...	...	...	...
Dal—						
Urd	...	...	...	...	...	...
Mung	...	...	...	...	...	...
Arhar	...	...	...	...	...	...
Masuri	...	...	...	...	...	...
Juár	...	...	350	...	350	...
Bájra	...	...	...	...	...	...
Maize or Indian-corn	...	...	...	...	...	...
Barley	...	...	200	...	200	...
Total	200	...	3,425	...	3,625	...
Cotton	...	...	...	...	...	...
Oilseeds	...	...	...	...	...	...
Salt	...	...	...	...	...	...
Metals	...	...	...	...	...	...
Building materials	10,140	...	4,675	...	14,815	...
Miscellaneous goods	550	...	355	...	905	...
Firewood	...	...	675	...	675	...
Bamboos	...	...	75	...	75	...
Timber—						
Poles and unsquared timber	...	...	...	...	...	...
Karis and squared timber	...	...	...	...	...	...
Logs	...	...	...	...	...	...
Miscellaneous timber	...	...	...	...	...	...
Live-stock	...	...	...	...	...	...
Grand Total	10,890	...	9,205	...	20,095	...
Total during corresponding period of last year	14,054	...	10,849	...	24,903	...
Increase	...	...	...	...	...	...
Decrease	3,164	...	1,644	...	4,808	...

Remarks.

Particulars.	Agra Canal. 1882.	1881.
Tonnage, including weight of timber and bamboos	738	915
Ton mileage	71,547	1,00,563
Value of goods Rs.	17,894	28,026
Number of passengers	...	...

ALLAHABAD,
The 29th August 1882.

G. H. D. WALKER,
Asst. Secy. to Govt., N.-W. P. and Oudh, P. W. D., Irrigation Branch.

STATEMENT OF TRAFFIC ON UPPER AND LOWER GANGES CANALS FOR THE MONTH OF JULY 1882.

Grains.	Upper Ganges Canal. Principal items of local Traffic. Up. Mds.	Up. Nos.	Down. Mds.	Down. Nos.	Total up and down. Mds.	Total up and down. Nos.	Lower Ganges Canal. Principal items of local Traffic. Up. Mds.	Up. Nos.	Down. Mds.	Down. Nos.	Total up and down. Mds.	Total up and down. Nos.
Wheat	225	...	1,645	...	1,645	...	...	...	9,338	...	9,338	...
Gram	...	...	...	...	...	...	225	...	400	...	625	...
Rice	...	...	...	...	...	...	42	...	...	...	42	...
Paddy or dhán	...	...	...	...	...	...	...	...	...	...	...	...
Bejhar or mixed grain	...	...	575	...	575	...	...	...	575	...	575	...
Urd	400	...	...	...	...	...	400	...	...	...	400	...
Dál ... Múng	...	...	150	...	150	...	...	...	150	...	150	...
Arhar	125	...	412	...	412	...	537	...	...	...	537	...
Masuri	62	...	...	...	...	...	62	...	62	...	124	...
Juár	...	...	...	...	...	...	...	...	...	...	...	...
Bájra	...	...	...	...	...	...	...	...	...	...	...	...
Maize or Indian corn	...	...	...	...	...	...	...	...	...	...	...	...
Barley	...	...	...	...	...	...	...	...	...	...	...	...
Total	812	...	1,556	...	2,368	...	1,266	...	10,525	...	11,791	...
Cotton	...	...	...	...	...	...	...	...	833	...	833	...
Oilseeds	22	...	...	...	22	...	...	...	14,022	...	14,871	...
Salt	20	...	...	...	20	...	65	...	2,357	...	2,442	...
Metals	...	...	1,477	...	1,477	...	14	...	1,851	...	2,322	...
Building materials	58,763	...	1,400	...	60,163	...	12,434	...	12,280	...	83,477	...
Miscellaneous goods	996	...	...	...	996	...	330	...	2,393	...	4,240	...
Firewood	1,650	...	4,606	...	6,256	...	500	...	19,581	...	21,731	...
Bamboos	...	...	7,862	157,240	7,862	157,240	31	620	10,862	217,246	10,893	217,860
Timber. Poles and unsquared timber.	...	...	11,402	...	11,402	...	...	...	11,442	...	11,442	11,542
Timber. Karis and squared timber.	...	...	960	...	960	...	...	...	960	...	960	96
Timber. Logs	335	17	...	980	335	997	574	1,148	200	40	774	2,528
Miscellaneous timber	...	...	490	...	490	980	...	...	...	...	...	...
Live-stock	...	...	...	...	...	...	...	...	...	...	...	...
Grand Total	62,598	17	29,758	170,582	92,351	170,599	13,948	1,768	80,221	217,246	166,941	232,019
Total during corresponding period of last year.	37,168	211	40,343	93,184	77,511	93,395	11,214	427	21,980	10,862	122,837	98,193
Increase	25,430	...	...	77,398	14,840	77,204	2,734	1,341	28,232	206,384	44,104	134,726
Decrease	...	194	10,590	...	...	...	...	...	...	...	...	...

Particulars.	Upper Ganges Canal (local). 1881.	Upper Ganges Canal (local). 1882.	Lower Ganges Canal (local). 1881.	Lower Ganges Canal (local). 1882.	Upper and Lower Ganges Canals (through). 1881.	Upper and Lower Ganges Canals (through). 1882.	Total, Upper and Lower Ganges Canals. 1881.	Total, Upper and Lower Ganges Canals. 1882.
Tonnage, including weight of timber and bamboos	2,871	3,392	1,230	2,357	449	382	4,550	6,131
Ton mileage	95,326	69,329	21,109	2,00,213	172,668	86,193	388,525	355,711
Value of goods . . . Rs.	39,640	31,797	67,751	81,133	34,168	32,237	1,31,559	1,45,167
Number of passengers	...	91	...	...	...	...	...	91

G. H. D. WALKER,
Asst. Secy. to Govt., N.-W. P. & Oudh, P. W. D., Irrigation Branch.

ALLAHABAD,
The 29th August 1882.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

RAILWAY TRAFFIC.

No. XXXIII of 1882.

APPROXIMATE STATEMENT OF GROSS RECEIPTS AND EXPENSES OF INDIAN RAILWAYS.

Latest return received.	Railways.	Total mean length open.	Receipts for week ending 20th August 1881. Total.	Per mile open.	Total mean length open.	Receipts for week ending 19th August 1882. Total.	Per mile open.	Total Receipts from 1st April to 20th August 1881. Total.	Per mile open per week.	Total Receipts from 1st April to 20th August 1882. Total.	Per mile open per week.	Total Increase in 1882-83.	Total Decrease in 1882-83.
	Guaranteed.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
26th Aug. 1882	Eastern Bengal ...	172	1,57,831	918	172	1,17,096	681	16,44,149	465	16,46,258	475	2,109	...
19th ditto ...	Oudh and Rohilkhand	547	74,577	136	547	71,464	131	18,79,068	169	19,82,959	180	1,03,891	...
19th ditto ...	Sind, Punjab and Delhi	676	1,41,248	209	676	1,32,408	196	33,64,511	245	37,00,286	272	3,35,775	...
19th ditto ...	Madras ...	858	1,05,130	123	861	1,05,083	122	25,16,034	144	27,82,566	161	2,66,532	...
19th ditto ...	South Indian ...	655	67,113	102	655	65,978	101	15,23,702	115	15,13,058	115	...	10,644
26th ditto ...	Great Indian Peninsula	1,439	4,13,010	287	1,450	3,52,732	243	1,27,07,190	433	1,35,19,078	463	8,11,888	...
19th ditto ...	Bombay, Baroda and Central India ...	444	77,216	174	461	1,14,888	249	40,77,733	453	41,71,644	449	93,911	...
	Total ...	4,791	10,36,125	216	4,822	9,59,649	199	2,77,12,387	284	2,93,15,849	302	16,03,462	...
	State.												
26th Aug. 1882	East Indian ...	1,504	7,03,831	468	1,507	6,63,909	441	1,58,49,052	519	1,72,96,075	570	14,47,023	...
19th ditto ...	Calcutta and South-Eastern ...	28	2,034	73	33	2,270	69	60,034	106	75,421	121	15,387	...
26th ditto ...	Nalhati ...	27	1,114	41	27	1,139	42	24,381	45	26,340	48	1,959	...
19th ditto ...	Northern Bengal ...	233	33,734	145	230	24,320	106	6,03,372	129	7,11,608	153	1,08,236	...
26th ditto ...	Tirhoot ...	76	7,979	105	75	10,441	139	2,25,537	139	2,47,829	148	22,292	...
26th ditto ...	Patna-Gya ...	57	6,652	117	57	6,175	108	1,67,015	144	1,73,135	150	6,120	...
26th ditto ...	Muttra-Hathras ...	29	4,417	152	29	1,847	64	53,580	91	42,429	73	...	11,151
26th ditto ...	Cawnpore-Furrakhabad	86	3,887	45	87	5,567	64	1,00,917	58	1,29,077	74	28,160	...
19th ditto ...	Dildarnagar-Ghazipur	12	429	36	12	404	34	16,586	68	18,579	77	1,993	...
26th ditto ...	Rajputana-Malwa ...	1,016	93,645	92	1,117	1,85,219	121	32,37,000	157	39,50,648	176	7,13,648	...
19th ditto ...	Wardha Coal	45	6,843	141	45	4,772	106	1,94,727	213	2,03,046	224	8,319	...
19th ditto ...	Nagpur and Chhattisgarh ...	53	3,216	61	98	4,192	43	1,15,795	95	2,38,791	121	1,22,996	...
19th ditto ...	Rangoon and Irrawaddy Valley ...	161	14,483	90	161	16,705	104	5,47,550	168	5,57,030	172	9,480	...
26th ditto ...	Sindia ...	75	3,722	50	75	5,665	76	1,12,703	74	1,23,470	82	10,767	...
26th ditto ...	Punjab Northern ...	363	57,809	159	412	41,631	101	11,30,483	153	11,24,355	139	...	6,128
26th ditto ..	Indus Valley and Kandahar ...	660	1,23,317	187	650	18,593	29	17,59,887	132	16,12,485	121	...	1,47,402
26th ditto ...	Muttra-Achneyra ...	...	...	...	23	1,115	48	...	...	23,725	51	23,725	...
	Total ...	2,921	3,62,781	124	3,131	2,80,055	89	83,49,567	141	92,58,268	146	9,08,701	...
	Native States.												
26th Aug. 1882	Bhavnagar-Gondal ...	119	2,695	23	194	8,924	46	3,05,363	91	3,91,092	100	85,729	...
19th ditto ...	Nizam's ...	121	12,871	106	121	14,375	119	3,24,432	132	3,36,793	138	12,361	...
12th ditto ...	Mysore ...	58	2,216	38	...	(a)...	...	(b)53,931	48	(c)1,06,968	65	53,037	...
	Total ...	298	17,782	60	315	23,299	74	6,83,726	98	8,34,853	104	1,51,127	...
	GRAND TOTAL ...	9,514	21,20,519	223	9,775	19,26,912	197	5,25,94,732	270	5,67,05,045	285	41,10,313	...
	Gross Estimated Expenses ...	...	...	...	...	...	...	2,55,82,558	131	2,75,34,299	139	...	...
	Net Receipts ...	...	...	...	...	...	...	2,70,12,174	139	2,91,70,746	146	21,58,572	...

(a) Return not received.

(b) Total receipts from 1st April to 13th August 1881.

(c) Total receipts from 1st April to 12th August 1882.

SIMLA,
The 12th September 1882.

FEED. FIREBRACE, *Major, R.E.,*
Under Secretary.

No. XXXIV OF 1882.

APPROXIMATE STATEMENT OF GROSS RECEIPTS AND EXPENSES OF INDIAN RAILWAYS.

Latest return received.	Railways.	Total mean length open.	Receipts for week ending 27th August 1881. Total.	Per mile open.	Total mean length open.	Receipts for week ending 26th August 1882. Total.	Per mile open.	Total Receipts from 1st April to 27th August 1881. Total.	Per mile open per week.	Total Receipts from 1st April to 26th August 1882. Total.	Per mile open per week.	Total Increase in 1882-83.	Total Decrease in 1882-83.
	Guaranteed.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
2nd Sept. 1882	Eastern Bengal ...	172	1,50,121	873	172	1,51,389	880	17,94,270	479	17,73,461	488	...	20,809
26th Aug. 1882	Oudh and Rohilkhund	547	78,563	144	547	66,515	122	19,57,632	168	20,44,218	176	86,586	...
26th ditto ...	Sind, Punjab & Delhi	676	1,34,721	199	676	1,20,968	179	34,99,232	243	37,87,604	265	2,88,372	...
26th ditto ...	Madras ...	858	1,05,311	123	861	1,31,348	153	26,21,346	143	29,23,339	161	3,01,993	...
26th ditto ...	South Indian ...	655	65,733	100	655	73,246	112	15,89,434	114	15,83,013	115	...	1,421
2nd Sept. 1882	Great Indian Peninsula	1,139	4,44,547	309	1,450	3,67,899	254	1,31,51,737	427	1,13,84,964	453	7,33,227	...
26th Aug. 1882	Bombay, Baroda and Central India ...	444	71,453	161	461	1,14,101	248	41,49,087	439	42,87,480	440	1,38,393	...
	TOTAL ...	4,791	10,50,449	219	4,822	10,25,466	213	2,87,62,738	281	3,02,89,079	297	15,26,341	...
	State.												
2nd Sept. 1882	East Indian ...	1,504	7,38,137	491	1,507	6,30,789	419	1,67,87,188	518	1,78,88,237	561	13,01,049	...
2nd ditto ...	Calcutta and South-Eastern ...	28	2,052	105	33	4,360	132	62,986	106	79,775	122	16,789	...
2nd ditto ...	Nalhati ...	27	1,036	38	27	1,122	42	25,418	44	27,604	48	2,186	...
26th Aug. 1882	Northern Bengal ...	233	34,497	148	230	33,030	144	6,37,870	129	7,43,343	151	1,05,473	...
2nd Sept. 1882	Tirhoot ...	76	9,036	119	75	10,685	142	2,34,573	138	2,58,514	149	23,941	..
2nd ditto ...	Patna-Gya ...	57	5,330	94	57	6,380	112	1,72,346	142	1,81,245	150	8,899	...
2nd ditto ...	Muttra-Hathras ...	29	2,617	90	29	2,107	73	56,197	91	45,105	73	...	11,092
2nd ditto ...	Cawnpore-Furrakhabad	86	5,136	60	87	4,772	55	1,06,052	58	1,35,852	74	29,800	...
26th Aug. 1882	Dildarnagar-Ghazipur	12	401	33	12	433	36	16,988	66	18,980	75	1,992	...
2nd Sept. 1882	Rajputana-Malwa ...	1,016	1,00,604	99	1,117	1,37,019	123	33,37,605	154	40,94,996	174	7,57,391	...
26th Aug. 1882	Wardha Coal ...	45	8,865	197	45	12,723	283	2,03,591	213	2,15,770	227	12,179	...
26th ditto ...	Nagpur & Chhattisgarh	53	3,408	64	98	4,521	46	1,19,205	93	2,43,312	118	1,24,107	...
26th ditto ...	Rangoon and Irrawaddy Valley ...	161	14,896	93	161	16,103	100	5,62,446	164	5,73,629	169	11,183	...
2nd Sept. 1882	Sindia ...	75	3,808	51	75	4,148	55	1,16,514	73	1,27,618	80	11,104	...
26th Aug. 1882	Punjab Northern ...	363	46,980	129	412	47,902	116	11,77,464	153	11,72,257	138	...	5,207
26th ditto ...	Indus Valley and Kandahar ...	660	70,611	107	650	49,806	77	18,30,497	130	16,67,839	120	...	1,62,658
2nd Sept. 1882	Muttra-Achnera ...	...	...	...	23	1,547	67	...	...	25,507	52	25,507	...
	TOTAL ...	2,921	3,10,177	106	3,131	3,36,658	108	86,59,752	139	96,11,346	145	9,51,594	...
	Native States.												
26th Aug. 1882	Bhavnagar-Gondal ...	119	3,091	26	194	9,080	47	3,08,454	88	3,98,790	97	90,336	...
26th ditto ...	Nizam's ...	121	11,236	93	121	13,601	112	3,35,668	130	3,50,374	137	14,706	...
26th ditto ...	Mysore ...	58	2,290	39	...	...(a)	...	(b) 56,147	48	(c) 1,11,352	64	55,205	...
	TOTAL ...	298	16,617	56	315	22,681	72	7,00,269	96	8,60,516	102	1,60,247	...
	GRAND TOTAL ...	9,514	21,15,380	222	9,775	20,15,594	206	5,47,09,947	268	5,86,49,178	281	39,39,231	...
	GROSS ESTIMATED EXPENSES ...	...	...	...	...	...	...	2,67,03,621	131	2,85,06,179	137	...	...
	NET RECEIPTS ...	...	...	...	...	...	...	2,80,06,326	137	3,01,42,999	144	21,36,673	...

(a) Return not received.
(b) Total receipts from 1st April to 20th August 1881.
(c) Total receipts from 1st April to 19th August 1882.

FRED. FIREBRACE, *Major, R.E.*,
Under Secretary.

SIMLA,
The 19th September 1882.

GOVERNMENT OF INDIA.

REVENUE AND AGRICULTURAL DEPARTMENT.

REPORTS ON THE STATE OF THE SEASON AND PROSPECTS OF THE CROPS FOR THE WEEK ENDING THE 19th SEPTEMBER 1882.

GENERAL REMARKS.—The reports that were due last week from the Madras Presidency, Mysore, Coorg, Guzerat and Sind, have since been received, and show good rainfalls in Madras and Coorg, slight showers in Mysore, and heavy rain in Guzerat.

During the week under report the monsoon came to an end in Coorg, but showers continued throughout the Madras Presidency, as well as in parts of Mysore, in the Nizam's Territories, and in parts of Berar. In Malabar and Ganjam the fall was comparatively heavy, so also in parts of the Deccan districts of the Bombay Presidency and in Guzerat. In Sind there has been no rain. In the Central Provinces there have been good falls in some parts and slight rain in others. In Central India and Rajputana there has been heavy rain in several States, light showers in others; none at Abu. The Punjab has had good rain in most districts, except in Mooltan and Dera Ismail Khan. The North-Western Provinces and Oudh have received light showers in several districts. In Bengal rain has fallen in all districts in varying quantities. In Assam and Burma also the rainfall has been general, and particularly heavy in Sylhet and Amherst.

Agricultural prospects continue very favourable throughout the country. Harvest operations have begun in parts of the Madras Presidency, of the Central Provinces, and of the North-Western Provinces and Oudh, as well as in a few States of Central India and Rajputana; and have been completed, or nearly so, in Bengal and Assam. Transplantation of paddy seedlings is going on or is finished in Coorg, in Mysore, in Bengal, and in Assam and Burma. More rain seems needed in two districts of Madras, in a few places in Mysore, and in several districts in Bengal. Preparations for the *rabi* crops have already commenced in some districts of Bombay, and in a few districts of the North-Western Provinces and Oudh.

The rise in the barometer in Northern India noticed last week was followed on the 16th by a fall which extended over the whole of India, and was succeeded by a rise of equal extent in area which has continued since. A slight cyclonic depression formed on the east coast, which advanced northwards and disappeared after reaching Bengal.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Madras—(Sept. 13th)		
Bellary ...	**1·15 (average of eight stations).**	**Standing crops generally good, dry partially withering; harvest paddy yield below average; agricultural operations progressing.**
Kurnool ...	1·50 (average of nine stations).	Standing crops generally good; agricultural operations progressing cattle-disease in parts.
Ganjam ...	2·30 (average of fourteen stations).	Standing crops generally thriving; fever, small-pox, and cattle-disease continue; slight cholera in parts.
Kistna ...	6·50 (average of thirteen stations).	Standing crops promising; harvest gingelly, outturn below average; agricultural operations progressing; fever, small-pox, and cattle-disease prevalent.
Chingleput (Madras) ...	1·19 (average of eleven stations).	Standing crops good where water available; agricultural operations progressing; small-pox in parts.
Coimbatore ...	·37 (average of four stations).	Standing crops promising well; *cholum* damaged by insects in one taluk; harvest paddy and dry crops, outturn average; small-pox, fever, cholera, and cattle-disease in parts.
Tanjore ...	·55 (average of six stations).	Crops good; harvest dry crops, outturn below average.
Madura ...	·34 (average of three stations).	Standing dry crops fair; harvest *cholum*, yield below average; cholera in parts.
Malabar ...	3·59 (average of fourteen stations).	Harvesting of first crop progressing; small-pox, cholera, and fever in parts.
Travancore ...	4·13	Harvest impeded by excessive rain; fever prevalent.
		General Remarks.—General prospects good.
Madras—(Sept. 20th)		
Bellary ...	**·25 (average of five stations).**	**Standing crops generally good; harvest paddy, outturn average; agricultural operations progressing.**
Kurnool ...	·25 (average of two stations).	Standing dry crops generally good; agricultural operations progressing; cattle-disease in parts.
Ganjam ...	2·44 (average of eleven stations).	Standing crops thriving; fever, small-pox, and cattle-disease continue.
Kistna ...	·69 (average of twelve stations).	Standing crops promising; harvest dry crops, yield below average; agricultural operations progressing; fever and cattle-disease prevalent; small-pox slight.
Chingleput (Madras) ...	·51 (average of four stations).	Standing crops good where water available; agricultural operations progressing; fever and small-pox in parts.
Coimbatore ...	·21 (average of three stations).	Standing crops paddy promises well, dry require rain in parts; harvest dry crops, outturn average; fever, cholera, small-pox, and cattle-disease in parts.
Tanjore ...	·31 (average of three stations).	Crops generally good; harvest paddy and dry grains, yield below average; cholera in parts.
Madura ...	·06 (average of two stations).	Standing crops withering in parts; cholera in parts.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Madras—*contd.*		
Malabar ...	2·36 (average of fourteen stations).	Harvesting first crop progressing; sowing second crop commenced; small-pox, cholera, and fever in parts.
Travancore ...	·21	Harvesting progressing; fever slightly prevalent.
		General Remarks.—General prospects good.
Bombay—(Sept. 20th)		
Kurrachee ...	No rain	River at Kotri on 18th, 13 feet 10 inches against 14⅘ feet on same date last year; fever increasing, prevalent in nine talukas; freshet from *gaj* on 6th, which will benefit crops; rice coming into ear in places; rats doing some damage in Shahbandar; 8 cases small-pox in Sujawal taluka; wheat, red rice, and *bajri* in Kurrachee 24, 30 and 34, in Sehwan 28, 44 and 48, in Mirpur Botoro 22, 44 and 40, and in Tatta 23, 36 and 44 lbs. per rupee respectively.
Hyderabad ...	No rain	River rising again; small-pox in Hyderabad; bad fever in five talukas; wheat 25, *juari* 48, *bajri* 43, red rice 32, and white rice 22 lbs. per rupee.
Ahmedabad ...	1·44 since 5th	Total rainfall 30·41; crops doing well; slight fever in Gogha and Dholka talukas; cholera in Viramgaum, 1 case fatal; *bajri* 32 and wheat 28 lbs. per rupee.
Baroda ...	6·38 in week up to 12th; 1·78 since.	Total rainfall 40·74; fever in parts of Nausari and Kari divisions; crops promising generally; *bajri* 34 and common rice 24 lbs. per rupee.
Surat ...	9·75 in week ending 12th; none since.	Total rainfall 43·69; crops healthy; *juari* 36 and *nagli* 52 lbs. per rupee.
Násik ...	Rain fell—maximum at Peint, 15·0; heavy in six talukas; good in all.	Weather bright since 13th; cholera abating; locusts continue; damage from floods in several talukas; wheat 28, *bajri* 36, and rice 28 lbs. per rupee.
Colaba (Bombay) ...	No rain	Total rainfall 67·89, being 2·38 above average; abnormal temperature 1° warm on 16th, 18th and 19th, *nil* on all other days; vapour in air normal; wind normal.
Poona ...	Rain throughout district—maximum at Magal, 2·73; minimum at Indapur, ·02.	Crops healthy; 33 cholera cases in Sirur and Poona, of which 23 fatal; *bajri* 48 and *juari* 61 lbs. per rupee; in Poona *bajri* 41 and *juari* 50 lbs. per rupee.
Ahmednagar ...	Akola, 3·67; Sangamner, 3·01; Kopergaon, 1·00; Parner, ·74; Rahuri, ·62; Jhamkhed, ·54; Newassa, ·35; very slight in Shrigonda, Karjat, Sheogaon, and Nagar.	Total average rainfall of the district 20·54; rainfall has done good to the *kharif* crops, but locusts are doing damage to the crops in Kopergaon, Sangamner, Akola, Newassa, and Rahuri; sowing of *rabi* in progress in Nagar, Parner, Shrigonda, Karjat, Sheogaon, and Newassa; cholera in Sheogaon 8 attacks, 3 deaths, in Rahuri 3 attacks, 3 deaths; *bajri*—maximum 66 lbs. in Jhamkhed, minimum 45 in Kopergaon; *juari*—maximum 108 lbs. in Jhamkhed, minimum 54 in Kopergaon.
Sholapur ...	No rain	*Rabi* sowing commenced; *kharif* crops, except *mug*, in excellent condition; cholera 14, of which 3 fatal; *bajri* 62 lbs. 3 tolas and *juari* 79 lbs. 27 tolas per rupee.
Dharwar ...	Slight rainfall at eight stations, varying from 1·0 to ·14.	Standing crops healthy; cotton sowing progressing; *sawan* and *ragi* being cut; slight ague in three and cattle-disease in two talukas.
Kanara ...	Karwar, 1·08; Kumpta, 1·49; Sirsi, 2·92; Hallial, ·97.	Total rainfall 102·36; rice crops in ear above ghât; *ragi*, sugarcane, and garden produce healthy; general health good; weather clearing; common rice in Karwar 10 seers, in district average 12½ seers per rupee.
Rajkot ...	.....	Weather warm and cloudy; general health fair; cholera disappeared from Nawanagar and other places; crops thriving; *bajri* 28 and *juari* 33 lbs. per rupee.
		General Remarks.—Rain in some districts of the Deccan; *kharif* crops generally doing well; preparations for *rabi* commenced in some districts; locusts doing damage in Ahmednagar, Khandesh, and Násik; fever and cattle-disease in some districts.
Bengal—(Sept. 20th)		
Chittagong ...	1·50	Weather seasonable; prospects of crops good; prices stationary; cholera and cattle-disease still prevalent.
Dacca ...	1·18	Weather cool and showery; winter rice crops progressing favourably; *bhadoi* harvest nearly completed, estimated outturn 14 annas; quality of jute inferior; cholera continues especially in Dacca city.
24-Pergunnahs (Calcutta)	Alipore, 2·82	Harvesting of early paddy and jute nearly finished, outturn above the average; prospects of *aman* fair; transplanting nearly finished; public health generally good; fever prevalent in Diamond Harbour.
Moorshedabad ...	2·14	Transplantation of *aman* almost finished; rain wanted everywhere; land being prepared in some places for *rabi* crops; except ordinary fever, public health good.
Rajshahye ...	2·8; Nattore, 2·0	More rain required for *aman*; fever prevalent in some parts.
Burdwan ...	·20; Cutwa, ·80; Culna, ·80; Raneegunge, ·42.	*Aman* suffering from want of rain; other crops doing well; fever reported from various quarters.
Rungpore ...	1·39	Weather cloudy and hot; prospects of crops favourable; transplanting of winter rice proceeding; jute still being reaped; public health good.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Bengal—*contd.*		
Bhagálpur ...	·10	Transplanting of winter rice proceeding; prospects of plants now transplanted poor.
Purneah ...	·10	Rain wanted, prospects otherwise good; ploughing for cold weather crops commenced; fever prevalent; Ganges and Kosi lower.
Patna ...	·03	Transplanting of paddy backward both in Barrh and Behar subdivisions for want of rain; reaping of *bhadoi* crops proceeding; public health generally good.
Durbhunga ...	1·07	*Bhadoi* harvest fair; late rice prospects fair; prices stationary; health fair.
Hazáribágh ...	·05	Weather sultry; autumn harvest continues; rice crops progressing; general health good.
Cuttack ...	4·26	Early rice being reaped and late rice weeded; other crops doing well; cholera disappearing.
		General Remarks.—Rain in all districts during week; more rain wanted almost everywhere for late rice crops; prospects generally fair, except in some parts of Burdwan division and other places where rice on high lands is withering; transplantation still proceeding in some places; sugarcane and other crops on the ground doing well; autumn harvest generally expected to yield fair average outturn, though in some districts early rice and jute are indifferent; cholera in Chumparun abating; except fever and sporadic cholera in some districts, public health generally good.
N. W. Provinces and Oudh—		
Benares (Sept. 19th)	No rain	Weather favourable for crops; fever and isolated cases of cholera reported in Chandausi tahsil; health of cattle good; prices stationary; bazars well supplied.
Allahabad („ 20th)	.....	Weather fine, with westerly winds; agricultural prospects good; cholera reappeared slightly; prices easy; considerable fall in *bajri*.
Gorakhpur („ 20th)	Occasional showers.	Fine weather; harvesting begun; some fever and a little cholera prevalent: cattle-disease in two tahsils; prices steady.
Jhánsi („ 18th)	No rain for some days; average rainfall 1·70.	Weather fair, which was wanted; *kharif* prospects good in every pargana; supplies sufficient; prices of minor grains falling; cholera decreasing.
Agra („ 19th)	Rain in all parganas, from ·20 to 2·40 during week.	*Bajri* and maize continue to be cut; fever continues, but general health good; prices falling.
Bareilly („ „)	.....	Weather seasonable and crops excellent; cholera prevalent in a number of villages, but has left Bareilly city and Aonla; fever increasing.
Meerut („ „)	Good rain for three days.	Since rain fell there has been a light west wind; crops doing well and harvest begun; fever continues, but does not increase; prices unaltered.
Kumaun („ „)	Light showers	Weather most seasonable; *kharif* being reaped; ploughing for *rabi* going on; fever prevalent in villages, otherwise health good; cattle-disease continues; prices stationary.
Lucknow („ „)	Sadr, ·70; Maliabad, ·50; Mohanlalganj, ·30.	Crops good; markets well supplied; prices steady; cholera still continues.
Partabgarh („ „)	Light showers during the week at Patti.	Prices steady; crops looking well; *kudri dhan* cut and in the market; wind westerly and high; cattle-disease in three tahsils; cholera continues in two tahsils.
Sitapur („ „)	Average rainfall ·80	Much land under preparation for *rabi*; new rice already in the market; *mash* coming up well; cholera and fever still hanging about; supplies plentiful; prices slightly fluctuating, with downward tendency.
Fyzabad („ „)	Sadr, ·30; no rain in tahsil.	*Dhan* and *kodo* being cut; prospects good; slight cholera in parts of district.
Rae Bareli („ 18th)	.....	High easterly wind prevailed for three days during week; early autumn crops are being cut; health of cattle good; cholera disappearing; supplies sufficient; prices falling.
Cawnpore („ 19th)	Average rainfall ·50	Prospects of the crops continue excellent; weather clear; cholera and fever decreasing; prices nearly stationary.
Farukhabad („ „)	.....	Weather seasonable; prospects of *kharif* crops good; fever still prevalent, and a few cases of cholera have been reported; prices steady.
		General Remarks.—Light rain in most districts, but weather generally now fine; prospects everywhere good; prices on the whole stationary; cholera and fever continue in the parts previously affected; cattle-disease continues in Partabgarh and Kumaun.
Punjab—(Sept. 20th)		
Delhi ...	5·80	Health fair; prospects of yield of crops fair; prices falling.
Hissar ...	1·30	Fever prevalent; prices falling; prospects of crops improved, and yield will probably be one-half.
Umballa ...	2·50	Health fair; prices of food-grains stationary; yield of crops expected to be a little below average.
Jullundur ...	1·0	Health good; prices falling; crop prospects are good.
Amritsar ...	4·90	Crops good; health good; prices stationary, except the price of gram which is falling.
Sialkot ...	6·0	Health good; prices have fallen; harvest prospects good.
Lahore ...	·70	Health good; prices falling; harvest prospects good.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Punjab—*contd.*		
Ferozepore ...	From 5·0 to 8·0 in various parts of the district.	Health good; prices stationary; prospects of yield of crops good.
Mooltan ...	No rain	Fever prevalent; price of wheat has fallen; prices of other food-grains are stationary.
Rawalpindi ...	8·60	Fever in Rawalpindi; cattle-disease in one village; prices stationary; prospects of *kharif* crops are above the average.
Dera Ismail Khan ...	No rain	Health fair; crops good; prices falling.
Peshawar ...	2·30	Prices stationary; *kharif* prospects good.
		General Remarks.—Good rain has fallen throughout the province, except in the Mooltan and Dera Ismail Khan districts, and heavy rain in Delhi, Amritsar, Sialkot, Ferozepore, and Rawalpindi; the general health continues good; prices of food-grains are falling in the Delhi, Hissar, Jullundur, Amritsar, Sialkot, Lahore, and Dera Ismail Khan districts, in the other districts they continue to be stationary; prospects of crops are generally reported to be good, but are below the average in Hissar.
Central Provinces—		
Nagpur (Sept. 20th)	·22	Weather clear and cool; prospects of *kharif* good; cholera abating; fever prevalent; prices steady.
Jubbulpore („ „)	·28	Weather clear and cool; *kharif* prospects fair; rain wanted; fever and cholera prevalent; wheat 19 seers per rupee.
Saugor („ 18th)	3·40	Crop prospects excellent; prices stationary; fever prevalent.
Seoni („ 19th)	·20	Weather clear and cool; ploughing progressing; *kharif* crops thriving; cholera reported; prices stationary.
Hoshangabad („ „)	·41	Weather hot; *kharif* crops generally good; fever prevalent; rice 9 seers per rupee.
Raipur („ 16th)	1·34	Weather cloudy and close, with light showers; crops doing well; prospects favourable; cholera abating; prices unchanged; rice 40 seers per rupee.
Sambalpur („ 14th)	1·88	Weather cloudy and sultry; prospects good; fever prevalent.
Khandwa („ 19th)	1·90	Prospects of crops good; cholera and small-pox reported; prices stationary.
		General Remarks.—Weather clear; slight rain has fallen in most districts; prospects of *kharif* crops favourable; fever reported in several districts; prices steady.
British Burma—(Sept. 16th)		
Akyab ...	2·50	Total rainfall 183·79; 8 deaths from cholera in town and 9 in district; 5 deaths from small-pox in one township; slight cattle-disease; prospects of crops good.
Rangoon ...	2·68	Total rainfall 80·73; 1 death from cholera, otherwise public health good; crops making progress.
Bassein ...	4·58	Total rainfall 105·76; 1 death from cholera in district, otherwise public health good; 23 deaths from cattle-disease in one township; transplanting finished, except in a small area; prospects of crops good.
Prome ...	·74	Total rainfall 40·51; 4 deaths from cholera in town and 7 reported from one sub-division; 12 deaths from small-pox among cattle in district; planting out proceeds favourably; more rainfall reported in district.
Amherst (Moulmein) ...	7·06	Total rainfall 181·94; public health good both in Moulmein and district; some cattle-disease in one township; transplanting of crops proceeding.
Toungoo ...	2·20	Total rainfall 74·28; 2 deaths from small-pox in one township and 2 in another, otherwise public health good.
		General Remarks.—With the exception of some cholera and a few cases of small-pox, public health good; cattle-disease seems to be decreasing; some damage to crops in Hanthawaddy from floods; prospects of crops generally reported good.
Assam—(Sept. 20th)		
Gauhati ...	1·00	Weather seasonable; transplanting of *sali* paddy in progress; public health good; cattle-disease still in the interior.
Sylhet ...	11·74	*Aus* has been reaped; *sali* still under transplantation; prospects of *amun*, sugarcane, and tea good.
Cachar ...	4·74	Reaping of *dumahi* and *murali* crops finished; transplanting of *sali* crops not quite completed; common rice 26⅝ seers per rupee; 9 cases of cholera from Silchar, 5 from Hailakandi, and 1 from Lakhimpur reported; also death of 41 head of cattle reported from Sadr.
Dibrugarh ...	5·17	Weather rainy; ploughing for winter crops in progress; cattle-disease still reported; public health good.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Mysore and Coorg—		
Bangalore (Sept. 14th)	·21	Crops in thriving condition; *kartik* paddy cultivation progressing; prospects fair.
Mysore („ „)	·08	Crops in good condition; prospects good.
Mercara („ 13th)	7·12	Transplantation of rice which has been delayed by loss of cattle has been completed; *ragi* crop which is coming into ear in the Nanjarajpatna taluk has suffered from heavy rains; public health good; prices stationary.
		General Remarks.—Rain has been general throughout the province, and crops are everywhere in good condition; harvesting of *karaggi*, horse-gram, cocoanut, and sugarcane commenced in parts; prospects favourable; small-pox and fever prevalent in places; no material change in prices.
Mysore and Coorg—(Sept. 20th)		
Bangalore ...	·48	Crops in good condition; prospects favourable.
Mysore ...	No rain	Prospects and health good.
Mercara ...	·42	The south-west monsoon ceased on the 12th; transplantation of rice completed; crops looking well; *ragi* coming into ear in two taluks; cardamoms are beginning to be picked on the western ghâts; public health good; prices stationary.
		General Remarks.—Rain has slightly fallen in a few districts on the western side of the Mysore State, more rain needed in parts; transplanting of paddy seedlings commenced in the Malnad; agricultural operations progressing favourably; prospects good; fever, small-pox, and murrain prevalent in some taluks; prices unaltered.
Berar & Hyderabad—(Sept. 20th)		
Amráoti ...	.....	Weather warm; crops flourishing; prices of wheat 16 and *juari* 28 seers per rupee.
Akola ...	·65	Crops progressing favourably.
Hyderabad ...	·47	Total rainfall from 1st January 28·04; standing crops are thriving some of the *kharif* crops are nearly ripe; cattle-disease disappeared; prices – wheat 16¾, coarse rice 19½, white *juari* 26½, yellow *juari* 30, and *tur* 25¾ seers per current sicca rupee.
Central India States—(Sept. 20th)		
Indore ...	No rain	The recent heavy rains which have probably terminated the monsoon were most beneficial; [illegible] and early [illegible] promising very good [illegible], cholera is [illegible] generally [illegible] in [illegible].
Morar (Gwalior) ...	·97	Health and prospects good.
Satna ...	·33	Prospects and health good.
Neemuch ...	5·67	Public health and crops good.
Goona ...	1·59	Crops good; fever prevalent in district.
Bhopal ...	5·12	Weather fine; prospects good.
Agar ...	Heavy rain	Cholera has disappeared; health and prospects good.
Nowgong ...	2·88	Weather seasonable; *kharif* prospects good; health fair; fever prevalent.
Manpur ...	10·80	Reaping of *makka* commenced; *juari* crops good.
Rajputana—		
Abu (Sept. 20th)	No rain	Weather clear; occasional clouds.
Sirohi („ 17th)	·85	Tanks, wells, health and prospects good.
Marwar („ 15th)	·73	Four months water in tanks; wells all full; health good; prospects excellent; cloudy weather; prices falling; more rain needed to ensure full harvest.
Meywar („ 16th)	2·71	Tanks and wells good; health fair; *makka* being harvested.
Harowti („ 16th)	Deoli, 3·01; Tonk, 4·85; Shahpura, 3·32.	Previous week's rainfall in Tonk ·59; Shahpura ·24; *makka* harvested; *rabi* lands being ploughed; weather seasonable.
Jhallawar („ 13th)	4·92	Gale from south-west.
Ajmere („ 19th)	·99	Seasonable break; health good, except cholera at one village in Ajmere.
Jeypore („ „)	1·35	Prospects favourable; prices firm; health good.
Ulwur („ „)	5·43	Prices falling; prospects good; fever continues.
Nepal—		
Katmandu ...	.....	No report received.

E. C. BUCK,
Secy. to the Govt. of India.

GOVERNMENT OF INDIA.

LEGISLATIVE DEPARTMENT.

ABSTRACT OF THE PROCEEDINGS OF THE COUNCIL OF THE GOVERNOR GENERAL OF INDIA, ASSEMBLED FOR THE PURPOSE OF MAKING LAWS AND REGULATIONS UNDER THE PROVISIONS OF THE ACT OF PARLIAMENT 24 & 25 VIC., CAP. 67.

The Council met at Government House, Simla, on Wednesday, the 20th September, 1882.

PRESENT:

His Excellency the Viceroy and Governor General of India, K.G., G.M.S.I., G.M.I.E., *presiding*.
His Honour the Lieutenant-Governor of the Panjáb, K.C.S.I., C.I.E.
His Excellency the Commander-in-Chief, G.C.B., C.I.E.
The Hon'ble J. Gibbs, C.S.I., C.I.E.
Major the Hon'ble E. Baring, R.A., C.S.I., C.I.E.
Lieutenant-General the Hon'ble T. F. Wilson, C.B., C.I.E.
The Hon'ble C. P. Ilbert, C.I.E.
The Hon'ble Sir S. C. Bayley, K.C.S.I., C.I.E.
The Hon'ble T. C. Hope, C.S.I., C.I.E.
The Hon'ble C. H. T. Crosthwaite.
The Hon'ble W. C. Plowden.

UNIVERSITIES DEGREES BILL.

The Hon'ble MR. GIBBS moved for leave to introduce a Bill to provide for the granting of Honorary Degrees by certain Universities. He said:—

"It will be in the recollection of the Council that the Calcutta University, by an Act passed in 1875, has the power to grant honorary degrees. This Act was put through the Council, the standing orders having been suspended for the purpose, at a meeting held on the 14th December, 1875. The speeches reported on the occasion were those of the Hon'ble Mr. Hobhouse and Lord Northbrook, the then Viceroy, and the object of passing the Bill through the Council thus speedily was to enable the University to confer upon His Royal Highness the Prince of Wales, who was then in India, the honorary degree of a Doctor of Laws.

"It has now been decided, with regard to the Bill constituting the Panjáb University, that that University also should have the power of conferring the honorary degree of Doctor of Laws. This being the case, there remains the two older Universities, those of Madras and Bombay, who have not this power, and it is considered advisable that it should be conferred on them. With that object I have to ask for leave to introduce a Bill; the details of the measure will be considered after consulting the Calcutta and the other two Universities."

The Motion was put and agreed to.

PANJÁB UNIVERSITY BILL.

The Hon'ble MR. GIBBS also presented the Report of the Select Committee on the Bill to establish and incorporate the University of the Panjáb.

DEKKHAN AGRICULTURISTS' RELIEF ACT, 1879, AMENDMENT BILL.

The Hon'ble MR. HOPE moved that the Bill to amend the Dekkhan Agriculturists' Relief Act, 1879, be referred to a Select Committee consisting of the Hon'ble Messrs. Gibbs and Ilbert and the Mover.

The Motion was put and agreed to.

The Council adjourned to Thursday, the 5th October, 1882.

SIMLA;
The 20th September, 1882.

D. FITZPATRICK,
Secretary to the Government of India,
Legislative Department.

GOVERNMENT OF INDIA.

HOME DEPARTMENT.

EXECUTION OF DEEDS, CONTRACTS, &c., ON BEHALF OF THE SECRETARY OF STATE.

No. 1371.

Extract from the Proceedings of the Government of India in the Home Department (Judicial),—under date Simla, the 15th September 1882.

Read again the following papers relating to the execution of deeds, contracts, &c., on behalf of the Secretary of State:—

Home Department Resolution No. 1750, dated the 2nd November 1876.
Ditto ditto No. 684, dated the 31st May 1878.
Ditto ditto No. 1305, dated the 30th September 1881.

Read also—

A letter from the Director of the Indian Marine, No. 1052 (Stores), dated the 17th June 1882.

RESOLUTION.

In exercise of the power conferred by the thirty-third and thirty-fourth of Victoria, Chapter fifty-nine, Section two, the Governor General in Council is pleased, in supersession of the orders contained in Home Department Resolution No. 1305, dated the 30th September 1881, to declare that the undermentioned classes of contracts referred to in the twenty-second and twenty-third of Victoria, Chapter forty-one, Section two, may be executed as follows in the territories under the administration of the Governments of Bombay and Bengal:—

Contracts for the supply of stores, coal, &c., for the Indian Marine Service, and [illegible] Officer of the Director and Deputy rector of the Indian Marine.	By the Director [illegible] Indian Marine.
Contracts for supplies for the provincial Marine Service, Bengal.	By the Port Officer at Calcutta.

ORDER.—Ordered, that this Resolution be communicated to the Military (Marine) Department and to the Governments of Bombay and Bengal for information, and that it be published in the Supplement to the *Gazette of India*.

JAIL MANUFACTURES.

Nos. $\frac{20}{1406-19}$.

Extract from the Proceedings of the Government of India in the Home Department (Judicial), dated Simla, the 15th September 1882.

Read again—

Home Department Circular letter to Local Governments and Administrations, Nos. $\frac{16}{1070-79}$, dated 19th August 1881, on the subject of manufactures as carried on in the jails of British India.

Read also the replies to the above Circular letter—

From Government of Madras, No. 2398, dated 21st November 1881.
From Government of Bombay, No. 6466, dated 30th September 1881.
To Government of Bombay, No. 1359, dated 14th October 1881.
From Government of Bombay, No. 7175, dated 29th October 1881.

From Government of Bengal, No. 309P., dated 6th February 1882.
From Government of the North-Western Provinces and Oudh, No. 1348, dated 11th November 1881.
From Government of the Punjab, No. 149, dated 16th May 1882.
From Chief Commissioner of the Central Provinces, No. 2-236, dated 3rd January 1882.
From Chief Commissioner of British Burma, No. 130-175F., dated 9th November 1881.
From Chief Commissioner of British Burma, No. 586-61J., dated 19th June 1882.
From Chief Commissioner of Coorg, No. 947-59, dated 20th September 1881.
From Chief Commissioner of Assam, No. 1412, dated 15th October 1881.
From Resident at Hyderabad, No. 382, dated 5th October 1881.

RESOLUTION.

THE Governor General in Council has had under consideration the principles which ought to regulate the action of Government in this country in the matter of jail manufactures, and has in the course of the enquiry had occasion to examine the systems at present followed in the different provinces of British India, and the discussions which have at various times taken place in connection with this subject. It is not, however, necessary for present purposes to go further back than to the proceedings of the Prison Conference of 1877.

2. The Conference having accepted the principle that long term prisoners should be located in central jails, went on to decide that such central jails should be the seats of profitable industries. The nature of these industries was discussed in a paper submitted to the Conference by the Inspector General of Jails in Bengal, in which it was urged that, in the interests of the 'Indian tax-payer,' prisons should be made, as far as possible, self-supporting; and it was argued that 'the Prison Department had an equal right with any private individual to manufacture articles for sale in the open market,' and 'to employ State capital and convict labour in free competition with private capital and free labour.' 'Even' (it was said) 'should the case be otherwise, there can be no possible objection to the manufacture of articles required for use by the great departments of the State.' 'There is thus,'—the writer of the paper contended,—'this alternative open to the Government, either to allow the jails to compete with free labour, or to employ them in the manufacture of articles required for consumption by the State.' The Conference was invited to affirm this principle, with the further proposition that 'the employment of machinery in prisons promotes rather than interferes with jail discipline, at the same time that it enormously increases the profits from manufactures.' The discussion which followed turned principally upon the question of the employment of machinery in jail industries, and eventually the conclusion come to on this point was that 'steam or other machinery might be unobjectionably introduced into jails for the purpose of carrying on manufactures for Government.' The general feeling of the members, and ultimately their formal deliverance on the general question, was to the effect that if the labour of prisoners were devoted chiefly to the production of articles required by Government, no serious question need arise as to the competition of jails with private trade. The other specific recommendations put forward by the Conference were—

(1) that multifarious manufactures should be discouraged everywhere, and especially in district jails, and that Jail Superintendents should be taught to look for profit to one or two industries carried on on a large scale;

(2) that district jails should be made branch manufactories subordinate to central jails, the Superintendents of the latter supplying the former with work, and undertaking to dispose of their manufactured products;

(3) that in view of the large amount of jail buildings that had still to be undertaken, the Superintendents of central jails should train and organise bodies of masons and carpenters for employment where their services might be required.

3. The conclusions arrived at by the Conference were generally approved by the Government of India in their Resolution on its Report dated the 30th

April 1878; and eventually the Military Department and Police Department were directed to give jail manufactures the preference over goods procurable in the local market, on condition only that the rates at which they were supplied were equal to, or not in excess of, those demanded by local contractors or traders for goods of the same quality.

4. Since these orders were issued, the attention of the Government of India has been more particularly drawn to the importance of removing all obstacles to the spontaneous development of manufacturing industries in India, and it has become necessary to reconsider the whole question of jail manufactures and the position which the State should take up with reference to these and to the local markets. It is now very clearly recognised that the greatest economic want of India is the creation of industrial pursuits. The Famine Commissioners at Part II, page 175 of their Report, write as follows:—

"At the root of much of the poverty of the people of India, and of the risks to which they are exposed in seasons of scarcity, lies the unfortunate circumstance that agriculture forms almost the sole occupation of the mass of the population; and no remedy for present evils can be complete which does not include the introduction of a diversity of occupations, through which the surplus population may be drawn from agricultural pursuits, and led to find the means of subsistence in manufactures or some such employments."

In the soundness of these views the Governor General in Council has repeatedly of late expressed his concurrence, and the subject has been pressed upon the attention of all the Local Governments. The only possible remedies for the state of things that prevails throughout agricultural India are, in the first place, the improvement of communications to facilitate the movement of the surplus population from overstocked tracts, and the more general distribution of surplus food; and in the second, the creation of new employments for the superabundant hands. The Governor General in Council does not suppose that the direct action of Government can do much towards the creation of industrial employments. But it is distinctly the duty of the State to do nothing to hinder their spontaneous growth, and, as far as it legitimately can, to stimulate and assist their development.

5. In this view the Governor General in Council finds reason to fear that there is much in the present system of jail manufactures to which objection may fairly be taken upon economic grounds. Not merely are the suggestions of the Prison Conference as regards avoiding multifarious employments generally disregarded, but there is strong evidence that in many places the products of jail labour do supplant and compete with private industry in the local markets to a very serious extent. This last fact is no doubt one the significance of which will be differently viewed by those who accept the arguments laid before the Prison Conference, and by those who object altogether to any appropriation by the State of profits which might otherwise fall to private trade. There can, however, be no doubt that the time has come when the Government must look into the question more closely, and endeavour to discover the true limits of State action in this matter of jail industries.

6. It may be desirable at the outset to notice very briefly one or two of the main arguments which have been advanced in support of the present system.

It is said that by selling articles of jail manufacture, the Government is, by so much, able to relieve the tax-payers of some portion of the expense which would otherwise be thrown on them in order to support the jails. The value of this contention is to some extent lessened by the necessity of receiving with some caution all departmental calculations of the profits derived from such manufactures. When Government becomes a manufacturer, there is no practical check on the profit and loss account, such as applies in the case of a private trader. The accounts are merged in the transactions of the province and the empire. The officer concerned in no way finds his own private income affected. It is sometimes doubtful whether in the compilation of the accounts of profit and loss all the items that a private trader would have to reckon in are considered, especially when these take the form of

capital; and, as above remarked, there is no practical check which would serve to demonstrate their presence or absence.

7. This criticism, however, only affects the detail of the calculations. Another, and more important, rejoinder may be made to the argument now under discussion. It seems to the Governor General in Council that in that argument the fallacy is involved of only looking to the direct receipts paid into the Treasury, of separating the interests of the country from those of the Government, and of supposing that any measure which checks the productive employment of capital, and, therefore, the accumulation of wealth in the country, can possibly benefit the Government. If Government, by its own action, hinders the productive employment of capital, and, therefore, the accumulation of wealth, it must inevitably, by so much, render the tax-paying community less capable of bearing any burthens which may be imposed upon it. The receipts on account of taxation will, in some form or another, be less than they otherwise would be. This is quite certain, although it is, of course, impossible to represent, in arithmetical form, the precise results which will accrue. All that can be said is that it is easier to under-estimate than to over-estimate the effect which Government action will produce.

8. This leads up to the consideration of another argument which has been advanced in defence of the existing system. It is alleged that the outturn of articles manufactured by the jails is so limited that, practically, free labour cannot suffer from the competition. This argument can only be accepted with great caution. It is to be remembered that, when once Government begins to compete with private trade, the effect produced is altogether disproportionate to the actual outturn of the Government manufactory. What private traders fear is not only what Government does, but what it might do. If a manufacturer of bricks, or blankets, or carpets, or whatever the article may be, suddenly finds that another manufacturer has started a similar business and has entered into competition with him, he knows, with tolerable certainty, what he has to fear. He knows that he and his competitor will compete on equal terms. He knows especially that if his competitor, in order to undersell him, lowers his prices to such an extent as to realise a loss, he must either raise his prices before long, or become bankrupt. But in competing with Government the conditions of things are wholly different. In this case the manufacturer finds himself in competition with an adversary, possessed of what, for the purposes of this argument, may be considered an unlimited amount of capital, and who can perfectly well carry on his business for years with a total disregard of the ordinary laws which in private life must govern commercial transactions. It is also to be borne in mind that whilst, in most cases, the private trader, against whom Government competes, only carries on his business at one spot, there are generally several jails in each Province. The gain at one jail may, therefore, be made to compensate for the loss at another. For these reasons, Government competition must be regarded from a wholly different point of view from the competition of an ordinary trade rival.

9. Perhaps it may be the case that in a country like England, which possesses very extensive manufacturing industries, jail competition cannot exercise any very appreciable effect, though even in England the sale of jail manufactures has admittedly excited a great deal of opposition. But it is impossible in this matter to apply to India without qualification the experience of the working of a similar system in England. The stages of industrial advance in the two countries are very different. Many Indian industries are only in their infancy. A degree of Government competition which in England may be comparatively harmless, might in India do a great deal of harm. It is not the duty of Government, either in India or elsewhere, to foster the artificial growth of indigenous industries by the adoption of methods,—such, for instance, as a high protective tariff,—which are opposed to sound economic doctrine. But it is the duty of Government in India, even more than elsewhere, to carefully remove all hindrances to the spontaneous development of those industries. The proposition that jail manufactures,

as they are at present carried on in India, do not check the growth of native industries is a very doubtful one. Complaints on this score from private traders are by no means unfrequently heard.

10. There is one further general argument to which reference may be made. In some cases it is admitted in the reports now before Government that jail manufactures undersell private trades. Thus, in the Central Provinces the Inspector General of Jails says :—

"Jail Superintendents have always great difficulty in disposing of their stocks, of oil, and can often only do so by underselling local manufactures."

In most cases it is alleged that prices are fixed at rates as high, or even somewhat higher, than those which prevail in the local market. So long, however, as there is no actual loss upon the raw material employed in the manufacture, there is nothing practically to prevent such a lowering of prices as would undersell local traders; and when stocks of unsold articles are heavy it is difficult probably to avoid such a result. It is admitted indeed that in fixing prices regard is not always had to economic considerations.

"The price of jail manufactures," writes one Inspector General, "is regulated by their market value without reference to the cost of production." "I have it in my power," says another, "to order the acceptance of any rate which may be fixed upon, provided it covers the cost of raw materials."

It is true that a distinction is said to be made between articles sold to the public and those sold to Government departments, the price in the former case being higher than in the latter; but it is doubtful whether this distinction is always preserved in practice. In many instances it is to be feared that the prices are fixed in a purely arbitrary fashion for both Government and the public.

Moreover, it is to be observed that whenever the outturn of the jail is considerable—as is not unfrequently the case—the argument that prices may be fixed according to local rates, and thus any interference with private trade may be avoided, must, of necessity, fall to the ground. In such cases the jail manufactures must to a great extent make the price. It is impossible to say what the local rates would be if no such manufactures existed.

11. Turning now to the consideration of the principles by which the decision of Government on the whole general question must be guided, the Governor General in Council will say at the outset that he entirely concurs in the view that jail labour ought as a rule to be productive.

There is a universal agreement of opinion amongst the highest authorities on the management of prisons in condemnation of the system of purely unproductive labour. The Governor General in Council fully accepts that principle. It is, however, necessary to define somewhat more precisely what is meant by unproductive and productive labour. By unproductive labour is meant purely penal labour which does no good to any one, such as the treadmill, carrying shot, piling up logs of timber and unpiling them again, and the like.

By productive labour is meant the opposite of all this, that is to say, labour which, in some form or another, leads to an increase of wealth. It is to be observed that, for the purposes of this argument, there is a great distinction between making labour productive and making it as productive as possible. The former process is, and the latter is not, a necessary requirement of prison management. One or two illustrations will make this point clear. Sawing timber is a very proper occupation for prisoners. It is productive labour. When the timber is sawn it may be used for building or other purposes. But if it is desired to make the labour of sawing timber as productive as possible, a saw-mill might be more profitable than manual labour. In this case sawing by hand may be a requirement of prison management, but sawing by machinery is not necessary from the point of view of prison management, and is objectionable from the economic point of view, as it would compete to a greater extent than was necessary with the legitimate trade of persons who have invested their money in saw-mills. Again, at one Central Prison, a large number of prisoners are employed in driving two capstans connected with the machinery for making woollen twist. Whether woollen twist should be made at

all in jails by machinery may be a doubtful question; but supposing this special industry to be sanctioned, the driving of capstans is a very proper way of employing prisoners. But if, in order to make the woollen manufactory of the Jail in question as productive as possible, steam machinery were substituted for the labour of these prisoners, the change would, in the opinion of the Governor General in Council, be very objectionable, as bringing Government capital into competition with private capital to a greater extent than is necessitated by the requirements of prison management.

12. Although, therefore, jail labour may be made productive, it should be carefully directed in such channels as to interfere as little as possible with the growth of private industries. The Governor General in Council cannot help fearing, on a perusal of the papers now before him, that the minor interest involved in making the jail manufactories as profitable as possible has but too often been allowed to override the major interest involved in avoiding, so far as the necessities of prison management admit, every hindrance to the spontaneous development of native industries. It is, as already remarked, the plain duty of the Government to abstain most carefully from any action which shall hinder the spontaneous growth of such industries, and this consideration appears to be so important as to throw into insignificance any consideration based on the direct profits which, it is alleged, are derived from jail manufactures. The amount of those profits, for all India, appears only to amount to about £100,000 a year.

13. The cardinal principle, therefore, which the Governor General in Council would lay down is that, although the requirements of prison management necessitate the employment of prisoners on productive labour, yet at the same time that labour need *not* be made as productive as possible, and every endeavour should be made to turn it into channels which may, as little as possible, hinder the spontaneous growth of native industries.

14. Turning now to the practical application of this principle, the first point to which it seems desirable to direct attention is the question of extra-mural labour. "The best system ever devised," says the Surveyor General of Prisons in England, "for the employment of convicts is that of executing large public works by means of their labour." There can, the Governor General in Council thinks, be no question as to the correctness of this view. The Government of India has repeatedly insisted upon it. The subject was prominently noticed in chapter VII of the Prison Conference Report. But the papers on record in the Home Department seem to show that sufficient attention has hardly as yet been paid to the matter by Local Governments, although where the system of extra-mural labour has been tried, as in the case of the Sirhind and Soane Canal works, the results have been satisfactory. Without doubt, there are difficulties in the way of employing convicts extra-murally. In the first place, there is danger in employing the more desperate characters in the manner proposed. A large discretion must, of course, be left to the Jail Superintendents in selecting men for extra-mural employment. In the second place, strong police guards are required, which involve extra expense. In the third place, convict camps may have to be formed, as appears to have been done in the case of the Soane Canal works, or the suggestion of the Prison Conference of 1877 may have to be adopted (Report, p. 109), to the effect that portable jails should be constructed. This would, of course, involve increased expenditure. There is, however, no reason for supposing that the extra expenditure either on police guards or on portable jails constitutes an insuperable difficulty. In the case of a public work executed by the State, it would be quite justifiable to charge any such extra expenditure to the work. The cost would in all probability be more than recouped by a saving in expenditure on free labour, and indeed the experience of the Punjab Government in connection with the Rupar public works jail proves that this form of employment is really very remunerative, while the convicts have enjoyed better health than in the ordinary jails of the Province. As regards public works constructed through the agency of private enterprise, an endeavour might very well be made to contract for the employment of convict labour. In the case of a railway passing for a considerable distance through a

thinly-populated district, any private Company would not improbably be very glad to employ convict labour. Of course the Company would have to bear any extra cost for guards or for portable jails, but they might, when it was of great importance to open out any particular tract of country, be given the labour either *gratis* or at very low rates.

15. The Governor General in Council requests that Local Governments will now consider, in communication with its Public Works Department, on what large public works, whether under State or private management, convict labour can be most suitably employed, and that plans for the establishment of convict camps on or near such works may be carefully worked out. Labour on public works should in future be looked upon as the principal mode of employing long term prisoners throughout British India.

16. It will, of course, be impossible to dispense altogether with in-door employments. For district jails and lock-ups, for all short term prisoners; and for the prisoners left in the central jails after the drafts to public works have been made, such industries must still be maintained. But the Governor General in Council is clear that the use of steam machinery in any jail is quite indefensible. Its introduction in future is absolutely prohibited. The jails in which it has been already established are fortunately few in number, and are nearly all situated in Lower Bengal. The Government of India requests that any Local Government in whose jails steam machinery is employed for any purpose whatever will make arrangements for disposing of it to private purchasers at a fair valuation at a very early date. The preferable course would be that the purchaser should remove the machinery altogether from the jail premises and establish a private factory outside. But if there is any great difficulty in so arranging, the Governor General in Council would be prepared to consider whether it would be possible, with due regard to the requirements of jail discipline, to allow a private Company or individual to purchase the machinery only as it stands, and to arrange for the lease to such purchaser of the jail factory building, on condition of his agreeing to employ convict labour only in his operations and to pay for this at market rates. In such a case the jail authorities would simply contract to supply labour in certain quantities, but would be solely responsible for the strict maintenance of discipline, the lessee covenanting to refrain from interference with the arrangements of the jail officers in this respect.

17. As regards European machinery driven by treadmills, capstans, or other applications of convict labour, there is not the same radical objection to this as to steam machinery, provided that it is but sparingly used, and that only those prisoners are employed on the machines who are not fit for heavy manual labour. But it should not be introduced in any jail where it does not now exist, and the Governor General in Council would prefer that it should be got rid of, where it is devoted to any other purpose than the supply of actual jail requirements.

18. In the next place the Governor General in Council feels bound to insist upon the adoption of the recommendation made by the Conference of 1877, as to the discouragement of multifarious employments. From the reports received from Local Governments, it would seem that almost every conceivable trade and calling has been introduced into one or other of the jails in India. This should be remedied without delay. There should be a certain number of authorised industries, and no others should be allowed anywhere without the special sanction of the Government of India. In the selection of these industries careful attention should be paid to their penal character.

In the opinion of the Governor General in Council the weaving of coarse jute, cotton, or woollen fabrics by means of ordinary hand-looms, the making of coarse matting, brick and tile making, hand-sawing of timber, oil-pressing, stone-breaking, and soorkee-pounding, are the forms to which in-door prison labour should everywhere be limited. The weaving of fine cloths, and the making of such things as table-cloths, towels, curtains, and the like, should nowhere be permitted. Private enterprise can already supply such articles, and the occupation is in any case not sufficiently penal. Carpet and rug-making

may be allowed where the trade is already a jail specialty, and until private enterprise shows itself ready to supply the demand. Tent cloth may be woven, but the work of fitting up the tents and making all such accessories as chicks, purdahs, poles, &c., should be left to outside labour. Spinning, twine-making, and making up clothing, &c., should only be allowed in female jails. All such occupations as boot and sandal making, blacksmith's work, carpentry, rattan work, furniture making, tailoring, making up horse clothing, book-binding, paper-making, pottery work, sugar-making, silversmith's work, and rope-making, must be discontinued. Jail Superintendents should be instructed by their Local Governments to set themselves without delay to remodel the in-door industries of their jails in order to bring them into harmony with these orders of the Government of India.

19. In some jails printing and lithographing have been introduced. The Governor General in Council is very doubtful whether these are at all proper occupations for prisoners. The work done must now however be confined to work for Government offices, and as far as possible to form-printing from stereotype blocks. Only hand-presses can under any circumstances be permitted. The work upon these may be made sufficiently penal, but composing of type cannot be considered such. Most of the Government work now done in the jails could be unobjectionably made over on contracts to outside presses, and the Local Governments should be prepared to close their jail presses whenever satisfactory arrangements of this kind are offered. The printing of current correspondence and of confidential papers can be properly done only in Secretariat or other office presses.

20. There remain for consideration the general questions—to whom Government should dispose of its jail manufactures, and how it should fix the price of these when disposed of by sale.

The first object to which jail industries should be devoted is of course the supply of jail requirements. When these are satisfied, and not before, the question of sale to other departments and to the public will arise. The Governor General in Council has decided that no obligation ought to be imposed upon other Government departments to give a preference to jail manufactures over the goods of private dealers. The jails must be left to compete for custom upon equal terms with other suppliers. But there is no objection to their arranging to furnish Government departments with any articles, such as they will in future be permitted to manufacture. [illegible] among the outside public ought to be discouraged, the jails dealing as a rule only with traders wholesale or retail. In this way the interference with private enterprise will be reduced to a minimum.

The price of jail manufactures must always include—

(*a*) the price of the raw material;

(*b*) the wages of jail labour, rated according to the wages of free labour of the same class in the neighbourhood.

The practice of rating skilled as unskilled labour should, where it exists, be discontinued;

(*c*) a percentage for wear and tear of plant.

As to this a discretion must be allowed with reference to the nature of the trade and the plant employed. The Local Government should fix it in each instance, after enquiry as to the practice of the particular trade and the circumstance of the case;

(*d*) a percentage on account of profits.

In the case of articles supplied to Government or to wholesale dealers, this may ordinarily be fixed at 10 per cent. on the cost of the raw material and labour; for sales to retail dealers at 15 per cent. on that cost; and for sales to private consumers at 25 per cent.

If the prices thus found are below the ordinary rates at which the goods could be procured by the same class of purchasers in the open market, they must be raised to at least such market rates.

21. The Governor General in Council trusts that the reforms prescribed in this Resolution will be carried into effect by the 1st of April next, and he desires to have a report as soon as possible after that date from each Local Government showing precisely for each jail in the province on what occupations the prisoners are then employed. It may not be possible to effect satisfactory arrangements for the disposal of steam machinery by the date mentioned, but the Government of India will expect to hear of the conclusion of such arrangements by the 1st January 1884 at latest. Existing contracts for the supply of jail manufactures must of course be carried out, but no new contracts should be accepted save such as are in accordance with the principles laid down in this Resolution.

If the abolition of steam machinery is found to involve any serious loss of profit to the Local Governments, the Governor General in Council will be ready to consider the propriety of making some allowance on this account during the currency of the existing provincial contracts and until the deficiency can be made up in other ways.

ORDER.—Ordered, that this Resolution be forwarded to the Local Governments and Administrations noted on the margin for information and guidance; to the Military and Public Works Departments, and the Department of Finance and Commerce for information; and that it be published in the Supplement to the *Gazette of India*.

Madras.	Central Provinces.
Bombay.	British Burma.
Bengal.	Coorg.
N. W. P. and Oudh.	Assam.
Punjab.	Hyderabad.

A. MACKENZIE,
Secretary to the Government of India.

Printed and Published for the GOVERNMENT OF INDIA *at the* GOVERNMENT CENTRAL BRANCH PRESS, *Simla.*

SUPPLEMENT TO

The Gazette of India.

№ 39.] CALCUTTA, SATURDAY, SEPTEMBER 30, 1882.

OFFICIAL PAPERS.

A SUPPLEMENT *to the* GAZETTE OF INDIA *will be published from time to time, containing such Official Papers and information as the Government of India may deem to be of interest to the Public, and such as may usefully be made known.*

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No Official Orders or Notifications, the publication of which in the GAZETTE OF INDIA *is required by Law, or which it has been customary to publish in the* CALCUTTA GAZETTE, *will be included in the* SUPPLEMENT. *For such Orders and Notifications the body of the* GAZETTE *must be looked to.*

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

[TELEGRAPH.]

ABSTRACT OF FOREIGN TRAFFIC FOR THE YEAR 1881-82.

CLASS OF MESSAGES.	ROUTE. WEST. Via Teheran. No.	Via Teheran. Indian Value.	Via Turkey. No.	Via Turkey. Indian Value.	Persian Gulf. No.	Persian Gulf. Indian Value.	Via Suez. No.	Via Suez. Indian Value.	EAST. Via Amur. No.	Via Amur. Indian Value.	Via Madras. No.	Via Madras. Indian Value.	Via Rangoon. No.	Via Rangoon. Indian Value.	Native Burma. No.	Native Burma. Indian Value.	Via Paumben. No.	Via Paumben. Indian Value.	TOTAL. No.	TOTAL. Indian Value.
INDIAN.		Rs. A.		Rs. A.		Rs. A.		Rs. A.		Rs. A.		Rs. A.		Rs. A.		Rs. A.		Rs. A.		
Sent	23,534	93,539 2	945	3,732 4	497	2,509 9	52,431	1,69,869 4	166	387 14	9,220	23,330 13	1,760	5,376 7	3,309	4,520 14	21,634	[illegible]	[illegible]	[illegible]
Received	22,462	1,15,706 7	1,183	4,348 0	682	2,387 10	44,907	1,81,820 2	259	719 2	9,433	37,950 4	2,236	7,019 15	...	...	21,778	34,085 13	1,02,996	[illegible]
TOTAL	45,996	2,09,245 9	2,128	8,080 4	1,179	4,897 3	97,338	3,51,689 6	425	1,107 0	18,653	61,281 1	3,996	12,396 6	3,309	4,520 14	43,410	82,854 11	2,16,434	[illegible]
TRANSIT.																				
From East to West—																				
Vid Madras	6,788	28,147 1	11	40 8	160	452 10	45,885	1,02,904 3	...	...	...	...	...	...	...	...	...	...	52,844	2,21,544
Received { ,, Rangoon	9	31 14	1	1 8	2	4 8	289	1,262 14	...	...	...	...	...	...	...	...	...	...	300	1,300
,, Lalngha	...	...	...	...	...	...	1	6 12	...	...	...	...	...	...	...	...	...	...	1	6
,, Paumben	802	2,773 12	8	21 7	9	59 10	4,740	14,628 9	4	11 15	...	...	...	...	...	...	...	...	5,563	17,496
From West to East—																				
Vid Madras	14,152	55,149 4	531	1,020 3	95	308 9	37,069	1,51,767 0	126	324 4	...	...	...	...	...	...	...	...	51,973	2,09,469
Sent { ,, Rangoon	8	24 12	...	...	...	...	229	864 1	...	...	...	...	...	...	...	...	...	...	237	889
,, Lalngha	3	25 11	...	...	...	...	15	95 14	...	...	...	...	...	...	...	...	...	...	18	121
,, Paumben	1,464	5,107 14	40	134 13	6	23 4	2,279	8,215 14	13	22 5	57	230 15	...	...	...	...	...	...	3,849	13,733
From West to West—																				
Vid Bombay and Karachi.	...	...	12	103 4	23	97 14	...	...	...	...	...	...	...	...	...	...	...	...	35	201
Vid Karachi and Bombay.	1	1 8	9	31 2	16	67 8	...	...	...	...	...	...	...	...	...	...	...	...	26	109
From East to East—																				
Vid Mandalay	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	372	1,758 9	372	1,758
,, Rangoon	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	17 14	1	2 15	6	20
,, Paumben	...	...	...	...	...	...	...	...	...	...	723	2,885 10	22	69 2	...	...	...	...	744	2,954
TOTAL	23,217	91,261 12	612	2,252 13	311	1,013 15	90,506	3,69,745 3	143	358 8	779	3,116 9	22	69 2	5	17 14	373	1,761 8	1,15,968	4,69,527 4
																		GRAND TOTAL ...	3,32,402	[illegible]

ABSTRACT OF FOREIGN TRAFFIC WITH INDIA BY THE INDO-EUROPEAN AND RED SEA ROUTES FOR THE YEAR 1881-82.

ROUTE.		Number of Messages by each Route (exclusive of Transit). To India.	From India.	Total.	Percentage of Numbers. To India.	From India.	Total.
Indo-European	Vid Teheran	22,462	23,534	45,996	32·44	30·40	31·37
	,, Turkey	1,183	945	2,128	1·71	1·22	1·45
	Persian Gulf vid Karachi	682	497	1,179	0·99	0·64	0·80
Red Sea	Vid Suez	44,907	52,431	97,338	64·86	67·74	66·38*
	TOTAL	69,234	77,407	146,641	100·00	100·00	100·00

* The Red Sea route was interrupted from 13th July to 10th August 1881.

GOVERNMENT OF INDIA.

DEPARTMENT OF FINANCE AND COMMERCE.

SUPPLEMENT TO THE STATEMENT OF PRICES CURRENT OF FOOD-GRAINS FOR THE 1st HALF OF JULY AND 2nd HALF OF AUGUST 1882, PUBLISHED IN PAGES 1046, 1047, 1218, 1219 AND 1222 TO 1227 OF THE SUPPLEMENT TO THE "GAZETTE OF INDIA," DATED 12th AUGUST AND 23rd SEPTEMBER 1882.

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

Districts.	Wheat.			Barley.			Rice. Best sort.			Rice. Common.			Great Millet (Cholum, Jowar), *Holcus Sorghum*.			Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata*.			Lesser Millets, Ragi, &c. (Kavaru, Veragoo, Sawee, Cheena, Coraloo, Marhwa, Nuglee, &c.), *Panicum Miliaceum*, *Eleusine Coracana*, &c.			Gram.			Firewood.			Salt. Wholesale.			Salt. Retail.		
	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past night.	Corresponding fortnight of last year.
	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.
1st Half of July 1882.																																
Dholpur	16 13	16 8	16 5	22 8	21 9	19 3	10 2	10 2	7 14	12 6	12 6	11 13	21 6	20 10	18 7	21 8	18 12	18 7	...	...	...	21 7	20 10	18 10	...	...	...	12 15	12 15	10 11	12 3	12 3	10 1
2nd Half of August 1882.																																
Bombay	10 1	9 13	11 1	18 9	17 13	16 14	7 10	7 8	8 2	10 7	10 7	13 10	20 10	18 6	21 6	14 15	14 15	18 8	10 15	14 12	18 2	16 0	14 14	19 7	61 7	62 6	71 10	14 6	16 12	12 10	12 9	14 6	12 10
Ahmedabad	14 8	13 0	14 0	...	...	22 0	7 8	7 8	7 0	8 0	8 0	12 0	17 8	17 0	22 0	16 8	16 8	19 8	...	...	...	19 8	20 0	20 8	80 0	80 0	80 0	16 0	16 8	13 12	16 0	16 0	12 13
Kaira	11 13	11 13	14 9	20 0	20 0	32 0	10 0	10 0	9 6	16 0	16 0	14 9	16 0	17 12	20 0	15 4	15 4	20 0	...	...	...	20 0	20 0	21 5	80 0	80 0	80 0	13 9	13 9	11 7	13 9	13 9	11 7
Surat	12 8	12 8	13 1	7 11	7 11	12 4	8 3	8 3	6 13	8 12	8 12	8 5	15 9	15 9	18 13	14 14	14 14	17 13	...	...	...	16 0	16 0	17 4	80 0	80 0	80 0	...	...	...	...	...	...
Broach	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tanna (Salsette)	10 5	10 5	11 11	...	...	...	8 3	8 3	7 3	10 0	10 0	11 4	18 10	18 10	18 10	15 0	15 0	18 0	25 11	25 11	15 4	14 15	14 15	15 10	71 1	71 1	71 1	14 5	14 5	11 7	13 13	13 13	10 2
Colába (Alibág)	8 8	8 8	10 0	...	...	...	6 12	6 12	6 12	13 8	13 8	13 8	...	...	...	...	...	...	...	...	...	11 8	11 8	13 0	120 0	120 0	110 0	12 0	12 0	11 0	11 0	11 0	10 8
Khandesh (Dhulia)	15 0	15 0	15 7	...	...	...	7 4	7 4	7 4	10 15	10 15	10 15	23 13	23 13	34 0	19 13	19 13	25 3	...	...	...	15 11½	15 12½	25 2½	140 0	140 0	140 0	14 2	14 2	12 2	14 0	14 0	12 0
Násik	14 4	14 4	14 6	...	...	...	7 7	7 7	7 7	12 0	12 0	11 13	...	...	26 8	19 12	19 12	21 2	27 9	27 9	27 8	17 0	17 0	24 0	128 0	123 0	115 0	14 8	14 8	11 12	14 4	14 4	11 10
Ahmednagar	14 6	13 13	14 11	...	...	...	9 11	10 5	8 8½	12 0	12 0	13 10	8½ 30	9 31	4 37	9 24	0 24	7 28	8 ...	...	...	18 12	19 0	24 1	91 5	91 5	91 4	14 9	14 9	10 13	14 7	14 7	10 11
Poona	12 10	12 10	13 13	...	...	...	11 0	11 0	8 9	12 4	12 4	11 0	25 0	23 15	28 4	19 9	18 6	18 6	...	...	...	17 4	17 4	20 11	68 0	68 0	76 0	12 8	12 8	11 6	12 4	12 4	11 2
Sholápur	13 9	13 2	14 15	...	...	...	10 5	10 5	11 7	11 5	11 5	12 4	36 0	38 0	27 0	36 0	32 0	26 12	...	...	...	13 0	13 0	18 8	130 0	130 0	112 0	11 0	12 0	10 0	10 0	11 0	9 12
Kaládgi (Bagalkot)	22 0	21 0	17 12	14 8	14 8	14 0	6 8	6 8	8 7	14 9	9 0	9 0	10 14	39 0	38 0	27 0	36 0	32 0	26 12	...	...	13 0	13 0	18 8	130 0	130 0	112 0	11 0	12 0	10 0	10 0	11 0	9 12
Satara	12 1	12 1	14 5	...	...	...	9 11	9 11	9 5	11 7	11 7	11 7	26 10	26 10	28 0	22 0	22 0	24 9	...	...	...	15 10	15 10	15 9	110 15	110 15	116 8	12 6	12 6	10 9	11 0	11 0	10 0
Belgaum	19 0	19 0	16 0	13 0	13 0	11 0	9 13	10 0	11 0	10 5	10 8	11 8	27 12	27 0	29 0	24 6	24 0	27 0	35 0	34 0	34 0	12 7	13 0	16 0	75 0	75 0	65 0	12 13	12 8	10 0	12 8	12 0	9 0
Dharwar (Hubli)	23 0	23 0	21 0	...	...	...	12 0	11 0	12 0	13 0	14 0	15 0	29 0	28 0	36 0	22 0	23 0	28 0	28 0	28 0	38 0	10 0	11 0	16 0	80 0	80 0	80 0	9 2	8 12	8 0	9 0	8 0	8 0
Ratnágiri	10 9	10 9	8 9	...	...	...	7 13	7 13	7 10	10 0	12 11	12 11	14 2	18 3	18 8	20 13	14 11	14 11	15 15	21 2	21 2	18 13	12 10	14 0	16 13	120 0	120 0	120 0	11 10	11 13	9 4	11 10	11 10	9 1
Kanara (Karwar)	10 8	10 8	12 0	...	...	...	8 0	8 0	8 0	11 0	11 0	15 0	14 0	14 0	21 0	0 ...	...	...	20 0	20 0	22 0	12 0	12 0	13 1	213 5	213 5	213 5	11 8	11 8	8 2	10 8	10 8	8 0
Pánch Mahals (Godhra)	11 6	11 6	13 5	...	...	...	11 6	11 6	11 6	15 0	15 0	15 0	32 0	25 0	40 0	16 0	16 0	24 0	23 0	23 0	40 0	32 0	25 0	32 0	200 0	200 0	200 0	16 0	16 0	0 ...	15 0	15 0	11 6
Aden	8 0	8 0	8 0	...	...	...	6 3	6 3	6 3	7 0	7 0	7 0	11 3	11 3	9 5	8 0	8 0	8 0	...	...	...	9 5	9 5	9 5	65 5	65 5	65 5	...	...	...	32 0	32 0	32 0
Asirgarh	14 0	13 7	15 14	...	...	...	10 15	10 15	10 10	12 4	12 3	12 0	24 5	24 0	40 0	23 0	23 9	30 0	...	...	...	19 0	19 2	26 0	160 0	160 0	160 0	14 0	14 0	11 0	14 0	14 0	10 0
Baroda	10 9	10 9½	10 14	14 2	14 2	16 5	8 13	10 9¼	7 11	11 11	12 0	10 14	17 10	17 10	... 16	7 15	14 17	2 ...	...	...	...	16 7	17 10	18 0	84 4	84 4	86 0	14 11	14 11½	12 0	14 10	14 10	10 0
Dáng	14 8	14 8	14 4	...	...	...	6 6	6 6	6 6	8 11	8 11	8 8	18 11	17 10	17 8	17 7	17 7	18 8	...	...	...	19 15	19 8	20 4	137 8	137 8	137 8	13 8	13 8	10 8	13 0	13 0	10 0
Dhrangadra	16 0	15 0	17 0	17 0	18 0	21 0	9 0	9 0	7 8	10 0	10 0	9 0	21 0	20 0	20 0	16 0	16 0	21 0	...	...	...	20 0	19 8	17 0	160 0	160 0	140 0	0 ...	...	...	11 0	11 0	9 0
Kadirabad	16 5½	16 0	16 9½	23 8	23 0	24 10	6 0	6 0	6 0	7 0	7 0	7 0	22 15	24 11¾	27 0	16 5	16 14	19 0	...	...	...	23 6	22 13½	22 0	80 0	80 0	61 9	10 6¾*	16 6¾*	...	16 0*	16 0*	12 8*
Palanpur	13 8	13 4	16 4	...	...	...	6 8	6 8	5 12	11 0	11 0	10 0	15 8	15 8	26 4	14 0	14 0	22 8	...	...	...	17 4	17 12	24 8	71 0	72 0	67 8	55 0	55 0	45 0	48 0	48 0	...
Rewa Kantha	10 8	10 8	13 0	...	...	...	14 0	14 0	16 0	28 0	28 0	35 0	...	...	...	...	...	...	...	...	...	17 12	17 12	17 0	108 0	108 0	108 0	3 4	3 4	...	12 8	12 4	9 4
Rájpipla	10 8	10 8	13 0	...	...	...	14 0	14 0	16 0	28 0	28 0	35 0	...	...	...	...	...	...	...	...	...	15 4	16 0	17 5	80 0	80 0	80 0	3 7	3 9	...	11 2	11 10	8 14
Cutch	8 14	9 2	11 2	...	...	13 5	16 0	16 13	20 0	22 12	21 5	24 10	26 10	...	...	...	...	...	...	...	...	14 0	14 8	16 0	120 0	120 0	120 0	3 4	3 4	...	12 8	12 4	8 8
Gujarát	22 0	22 12	26 0	...	...	...	13 0	13 5	13 0	20 0	20 0	20 0	...	...	...	...	...	...	...	...	...	8 0	8 0	6 8	160 0	160 0	160 0	5 6	5 6	...	6 6	6 6	5 5
Mahi Kántha	4 0	4 0	4 0	...	...	...	5 0	5 0	5 0	18 0	16 0	20 0	...	...	...	...	...	...	...	...	...	13 0	13 4	13 0	160 0	160 0	200 0	3 5	3 8	...	12 0	11 8	8 0
Kaira	20 0	13 0	10 0	...	...	...	13 0	13 0	13 0	18 0	18 0	20 0	...	...	...	...	...	...	...	...	...	9 0	9 0	7 10	160 0	160 0	160 0	4 8	4 8	...	8 0	8 0	6 8
Panch Mahals	...	...	...	...	...	...	10 0	12 0	8 0	16 0	16 0	16 0	0 ...	...	...	...	...	...	...	...	...	8 0	8 0	8 0	80 0	120 0	100 0	3 12	3 12	...	9 0	9 0	8 0
Rewa Kantha	...	...	...	...	...	...	13 8	13 8	11 0	16 0	16 0	14 0	...	...	...	...	...	...	...	...	...	9 0	9 0	7 10	160 0	160 0	160 0	4 8	4 8	...	8 0	8 0	7 0
Surat	...	...	...	...	...	...	6 8	8 6	8 7	0 14	0 16	0 14	0 ...	...	...	...	...	...	...	...	...	10 0	10 0	10 0	200 0	120 0	80 0	5 0	5 0	...	8 0	8 0	7 0
Thána	8 0	8 0	9 0	10 0	10 0	8 0	8 0	9 0	7 0	16 0	16 0	16 0	0 ...	...	...	...	...	...	...	...	...	10 0	12 0	10 0	200 0	120 0	80 0	5 0	5 0	...	8 0	8 0	5 5
Lakhimpur	8 0	8 0	10 0	...	...	...	9 0	9 0	9 0	10 0	10 0	10 0	...	...	...	...	...	...	...	...	...	10 0	10 0	0 ...	...	...	...	5 0	5 0	...	8 0	8 0	5 5
Khási & Jaintiá Hills	8 0	8 0	10 0	...	...	...	9 0	9 0	9 0	10 0	10 0	10 0	...	...	...	...	...	...	...	...	...	2 0	2 0	2 0	120 0	120 0	120 0	13 0	13 0	...	3 0	3 0	2 8
Nága Hills	...	...	...	...	...	...	5 0	5 0	4 0	8 0	8 0	0 ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
																												S. Ch.	S. Ch.	S. Ch.			
Nágpur	17 0	17 4	16 12	...	...	...	8 10	8 12	8 8	16 4	17 4	14 11	25 4	25 12	28 0	...	...	...	...	...	...	19 4	22 4	20 4	150 0	130 0	120 0	11 8	11 8	10 8	11 4	11 4	10 4
Bhandára	19 0	19 0	19 4	...	...	...	10 0	11 4	9 8	20 8	20 0	16 8	24 0	24 0	21 0	...	...	...	...	...	...	22 8	21 8	26 0	...	...	...	11 0	11 0	9 8	10 12	10 8	9 0
Chánda	18 0	17 0	19 0	...	...	...	...	...	...	12 0	14 0	14 8	23 0	23 0	30 0	...	...	...	...	...	...	24 0	24 0	20 4	125 0	125 0	135 0	12 4	12 4	10 12	12 0	12 0	10 8
Wardha	18 8	18 8	19 8	...	...	...	8 12	8 12	8 12	14 12	14 12	11 8	23 0	23 0	30 0	...	...	...	...	...	...	32 0	25 0	32 0	275 0	275 0	275 0	10 0	10 0	...	10 0	10 0	9 0
Bálaghát	17 0	17 0	22 8	...	...	...	15 0	15 0	15 0	27 0	24 0	25 0	...	...	...	...	...	...	...	...	...	25 0	25 0	32 0	120 0	120 0	120 0	11 12	11 10	...	11 8	11 4	9 8
Jubbulpore	16 12	16 8	18 8	22 0	23 0	18 0	9 0	10 0	10 0	14 0	14 12	16 0	17 0	17 8	29 0	15 0	15 0	20 0	...	...	...	23 8	23 8	40 0	160 0	160 0	120 0	8 8	8 8	...	8 8	8 4	7 4
Saugor	18 0	18 0	34 8	...	...	...	8 0	8 0	9 0	9 0	9 0	9 0	...	...	...	...	...	...	39 0	...	...	34 0	37 0	65 0	200 0	200 0	200 0	9 0	9 8	6 12	9 0	9 0	6 8
Damoh	22 0	23 0	51 0	...	...	...	13 0	12 0	11 8	18 0	16 0	17 4	...	...	...	...	...	...	...	...	...	16 0	22 8	41 0	210 0	210 0	230 0	11 0	11 0	6 8	10 12	10 12	6 4
Seoni	19 0	19 0	23 8	...	...	...	14 8	13 0	15 8	19 0	18 0	22 0	...	...	...	...	...	...	25 0	25 0	35 0	35 0	35 0	67 0	256 0	256 0	256 0	...	...	...	9 8	9 8	6 8
Mandala	19 0	19 0	32 0	...	...	...	9 0	9 0	9 0	13 0	10 0	14 0	20 0	20 0	42 0	...	...	...	14 0	14 0	27 0	16 0	17 0	40 0	240 0	240 0	240 0	9 0	9 0	9 8	8 8	8 8	9 0
Betúl	16 0	16 0	23 0	...	...	...	8 0	8 0	9 0	12 0	13 0	15 0	22 0	23 0	42 0	...	...	...	17 0	18 0	26 0	21 0	23 0	42 0	200 0	200 0	200 0	10 0	10 0	9 0	9 0	9 0	8 0
Chhindwára	17 0	18 0	28 0	...	...	...	4 8	4 8	4 2	10 13	10 13	10 10	21 6	18 0	32 0	18 0	18 0	24 0	...	...	...	22 10	24 0	35 0	160 0	160 0	120 0	9 8	9 8	...	9 0	9 0	5 0
Hoshangabad	15 7	15 7	17 13	...	...	...	10 0	10 0	10 0	12 8	12 8	11 0	...	...	...	...	...	...	...	...	...	25 0	25 0	39 0	160 0	160 0	160 0	10 8	10 8	10 8	10 0	10 0	7 4
Narsinghpur	15 8	15 4	18 0	...	...	...	...	...	...	12 0	11 9	11 8	27 7	22 0	45 0	22 4	21 0	32 6	...	...	...	18 0	19 5	26 13	92 8	93 0	160 0	13 0	13 0	9 11	12 12	12 9	3 3
Nimár	14 10	14 0	16 10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	30 0	28 0	32 0	70 0	70 0	60 0	9 6	9 6	7 8	8 12	8 8	7 8
Raipur	26 0	24 0	32 0	...	...	...	20 0	20 0	21 0	40 0	42 0	39 0	...	...	...	...	...	...	...	...	...	28 8	29 4	26 0	110 0	120 0	150 0	10 0	10 0	6 10	9 0	9 0	9 0
Sambalpur	22 12	21 0	27 0	...	...	...	35 0	32 0	31 0	44 0	36 12	45 0	...	...	...	...	...	...	150 0	150 0	140 0	40 0	40 0	64 0	120 0	120 0	120 0	0 ...	...	...	7 0	7 0	7 0
Biláspur	45 0	45 0	68 0	...	...	...	45 0	36 0	45 0	72 0	45 0	72 0	...	...	...	...	...	...	...	...	...	28 8	29 4	26 0	110 0	120 0	150 0	10 0	10 0	6 10	9 0	9 0	9 0
Arracan Division.																																	
Akyab	6 6	6 6	16 6	...	...	...	13 0	14 0	15 0	15 0	16 0	17 0	...	...	...	...	...	...	...	...	...	10 0	...	...	160 0	224 0	40 0	40 0	...	32 0	32 0	40 0	36 0
Northern Arracan	...	...	...	...	...	...	...	...	...	...	...	9 0	...	...	...	...	...	...	...	...	...	4 0	...	4 0	130 0	180 0	160 0	...	...	...	†	...	36 0
Kyoukpyoo	...	...	...	...	...	...	17 14	19 8	16 1	19 6	20 14	17 9	...	...	...	...	...	...	...	...	...	...	...	...	469 11	469 11	469 11	...	...	...	28 6	30 0	28 6
Sandoway	...	...	...	...	...	...	22 14	27 7	22 14	26 13	33 9	26 14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pegu Division.																																	
Rangoon town and Hanthawaddy	15 0	15 5	15 5	...	...	...	12 12	12 3	12 8	13 2	12 9	12 9	...	...	...	...	...	...	...	...	...	19 7	21 1	20 4	320 0	320 0	324 0	50 11	50 11	50 11	22 10	22 11	22 10
Tharrawaddy	...	...	...	...	...	...	10 13½	10 13½	13 6¾	13 6¾	15 14	...	...	...	...	...	...	...	...	...	...	13 9¾	13 9¾	8 8	535 11½	535 11½	535 11	...	...	...	27 7½	27 7½	29 14
Prome	12 2	18 3	14 9	...	...	...	12 3	12 3	13 7	17 0	15 4	17 2	...	...	...	...	...	...	...	...	...	15 9	17 12	15 9	139 11	139 11	139 11	29 0	29 9	32 4	18 10	18 10	18 10
Irrawaddy Division.																																	
Thonegwa	...	...	...	...	...	...	10 12	...	10 12	14 11	...	18 6	...	...	...	...	...	...	...	...	...	16 0	...	18 3	184 8	...	123 0	44 5	...	39 6	30 6	...	35 7
Bassein	...	...	...	...	...	...	14 12	15 5	11 11	16 15	16 4	13 12	...	...	...	...	...	...	...	...	...	15 0	13 8	14 3	181 15	181 15	181 5	35 7	35 7	24 12	30 2	30 2	24 5
Henzada	...	...	...	...	...	...	14 5	14 5	11 15	19 8	19 8	15 10	...	...	...	...	...	...	...	...	...	...	...	...	183 8	183 8	183 8	29 0	29 9	32 4	29 9	29 9	29 10
Thayetmyo	11 7	10 15	12 8	...	...	...	11 10	11 10	3 13	13 13	13 13	13 13	...	...	...	...	...	...	...	...	...	11 1	18 7	15 13	245 0	245 0	245 0	20 13	20 13	25 6	14 2	14 2	18 15
Tenasserim Division.																																	
Moulmein town and Amherst	10 0	10 0	10 0	...	...	...	12 10	12 10	10 10	9 20	4 20	4 12	3 ...	...	...	...	...	...	...	...	...	11 1	11 1	11 1	220 0	220 0	220 0	47 7	47 7	32 0	35 8	35 8	28 6
Tavoy	...	...	...	...	...	...	...	...	11 4	...	...	14 0	...	...	...	...	...	...	...	...	...	...	...	...	399 3	...	...	24 2	...	...	...	...	16 1
Mergui	...	...	...	...	...	...	...	...	13 12	...	...	18 14	...	...	...	...	...	...	...	...	...	...	...	...	250 0	250 0	250 0	32 3	32 3	41 10	18 14	18 14	18 14
Shwaygyin	...	...	...	...	...	...	10 10	12 12	12 12	12 12	12 7	13 13	13 13	...	...	...	...	...	...	...	...	...	...	...	428 0	...	...	30 6	...	...	...	...	22 13
Tonngoo	...	...	...	...	...	...	18 5	18 5	16 0	21 5	21 5	18 5	...	...	...	...	...	...	...	...	...	12 9	12 9	11 5	24 0	24 0	24 0	30 12	30 12	26 7	18 12	18 12	18 12
Salween	...	...	...	...	...	...	7 4	7 14	9 0	10 8	8 4	10 0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	‡	‡	36 0
Partábgarh (Meywar Agency)	17 10	17 6	15 10	...	...	...	10 5	10 15	7 8	12 13	12 13	13 12	8 ...	...	...	...	...	...	...	...	...	21 9	20 15	21 15	...	...	...	...	...	...	9 11	10 0	8 7

* Sambhar salt. † Rs. 40 per 100 maund wholesale. ‡ Two annas per viss wholesale.

Rs. A. per maund. Rs. A.

DEPARTMENT OF FINANCE AND COMMERCE,
(*Statistical Branch.*)

D. M. BARBOUR,
Secretary to the Government of India.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

IRRIGATION OPERATIONS OF FASL KHARIF IN THE PUNJAB FOR 1882-83 UP TO 31st JULY 1882.

CANAL DIVISION.	WATER DISTRIBUTED DURING JULY 1882. Depth in Canal at Regulating Gauge. Full supply.	Actual throughout.	Gross Consumption, cubic feet per second. Estimated full supply.	Actual average throughout.	NAVIGATION RETURN CANAL. Principal Terms of Traffic. Up.	Down.	LAND IRRIGATED (APPROXIMATE). Zila.	Acres.	RAINFALL. Average.	During month.	CHIEF CROPS (APPROXIMATE). Name.	Area in acres.	REMARKS.
Bari Doab Canal. 1st Division	4·9	4·61	3,073·60	1,267·69	...	...	Gurdáspur ...	15,940	11·52	8·20	Cotton ...	24,104	The volume entering the Bari Doab Canal during July 1882 was 3,073·60 cubic feet per second. The following was passed out at escapes:—
2nd Division, Main Branch, Lower	4·6	2·30		653·33			Amritsar ...	36,050	10·70	14·00	Rice ...	15,637	
2nd do., Lahore Branch	3·35	2·90		563·50			Lahore ...	50,679	9·00	17·20	Sugarcane ...	9,902	
											Others ...	53,026	Main Branch Lower Escapes 339·87 c.ft.
Total Bári Doáb Canal	...	...	3,073·60	2,484·52	...	...	.....	102,669	...	...	.....	102,669	Lahore Branch, ,, 7·95 ,,
													Total ,, 346·72 ,,
Corresponding period of last year	...	...	3,073·60	1,612·68	...	...	.....	85,684	...	...	.....	85,684	
Kamál Division	4·33	3·85	2,546	−60	Kamal Dist. Sirsa Do. Karnál Dist. Do. Delhi Dist. Do. Hissar Dist. Do. Rohtak Dist. Do. Gurgaon Dist.		Umballa ...	1,671	11·90	17·96	Cotton ...	50,174	The total utilized being 2,484·52 cubic feet per second. There was an increase of 1,085 acres irrigated over the irrigation of the corresponding period of last year, and of 7,370 acres over the month of July last.
Delhi do.	5·70	4·77		578			Karnál ...	28,585	8·80	5·93	Rice ...	30,043	
Hánsi do.	9·00	8·63		1,172			Delhi ...	28,212	8·99	12·20	Sugarcane ...	47,941	
Do. Badli Head	8·80	7·35		235			Rohtak ...	33,136	5·55	4·25	Others ...	19,315	
							Hissar ...	38,355	4·00	11·00			
							Jhind ...	21,121	8·60	1·20	.....	...	The volume entering the Western Jumna Canal was 2,276 cubic feet, of which the following was passed through the escapes:—
							Bikaner ...	221	...	...	.....	...	Rohtak Branch, 235 c.ft.
							Kalsia State ...	680	...	...	.....	...	Delhi Do. Division, 9 ,,
Total Western Jumna Canal	...	...	2,546	1,925	...	...	.....	1,75,963	...	...	.....	117,503	Delhi Canal Tail, 33 ,,
													Total ,, 277 ,,
Corresponding period of last year	...	...	2,546	2,275	...	...	.....	135,126	...	...	.....	135,126	
Upper Sutlej Division	...	...	...	...	...	...	Lahore ...	16,603	...	...	Detail not obtainable for want of established.	...	There is an increase of 12,977 acres as compared with the corresponding period of last year, and of 37,837 acres during the month. The decrease is specially in the Delhi Division, and the principal area of the State is during the previous month.
Lower Sutlej and Chenab	...	...	...	...	...	...	Montgomery ...	314,040	4·31	9·30		...	
Indus Canals	...	...	...	...	...	...	Moultan ...	122,510	2·22	6·8		...	
Muzaffargarh Canals	...	...	...	...	...	...	Dera Ghází Khan ...	142,117	2·04	9·35		...	
							Muzaffargarh ...	124,270	...	12·33		...	
Total Inundation Canals	...	...	...	...	...	...	.....	513,957	...	...	.....	513,957	The rainfall during the month has been extraordinarily heavy in the Moultan, Dera Ghazi Khan, and Muzaffargarh Districts, and some damage has been done by it and the floods.
Corresponding period of last year	...	...	...	...	...	...	.....	562,604	...	...	.....	562,604	
Perennial Canals Grand Total	...	...	...	...	...	...	.....	250,172	...	...	.....	250,172	There is an increase of 20,72 acres as compared with the corresponding month of last year.
Do., corresponding period of last year	...	...	...	...	...	...	.....	221,110	...	...	.....	221,110	

J. E. CATTON,
Offg. Asst. Secy. to Govt., Punjab, P. W. D., Irrigation Branch.

GOVERNMENT OF INDIA.

REVENUE AND AGRICULTURAL DEPARTMENT.

REPORTS ON THE STATE OF THE SEASON AND PROSPECTS OF THE CROPS FOR THE WEEK ENDING THE 26th SEPTEMBER 1882.

GENERAL REMARKS.—Moderate rain has fallen throughout the Madras Presidency; standing crops generally are in good condition; harvest operations are progressing, and an average yield is expected; dry crops in parts of three districts need more moisture. In Coorg there has been light rain throughout the week; crops are thriving. In Mysore there has been heavy rain throughout the State, which has much benefited standing crops; prospects are favourable. From the Nizam's territories and Berar light rain has been reported, and crops are progressing. In the Bombay Presidency, Sind has had no rain and Guzerat but little, while the Deccan and southern districts have had good rainfalls; prospects generally are good; harvesting of the early *kharif* crops and preparations for the *rabi* have begun in some districts; locusts have damaged standing crops in a few places.

In the Central Provinces light rain has fallen in most districts; and although a little more wet weather would now be beneficial in a few places, crops are on the whole doing well. In Central India there has been very little rain; agricultural prospects are good. In Rajputana there has been no rain in the week under report; prospects are good on the whole, except in Marwar where rain is needed. The Punjab also has had no rain; prospects of the standing crops are good everywhere, except in Sirsa and Umballa where they are reported to be below average.

In the North-Western Provinces and Oudh no rain has fallen, except two local showers; prospects generally are good, but more rain would be beneficial in Oudh, in the Benares division, and in Allahabad; harvesting operations and ploughing for *rabi* crops continue. Bengal had general rain in the early part of the week; prospects are generally fair; the late rice, however, in many places is in need of much more rain; harvest of autumn crops is nearly completed, with a fair average outturn; and preparation of land for *rabi* sowings has commenced. In Assam there has been fair rain in all districts; transplantation of *sali* paddy is coming to a close. In British Burma rain has fallen in most districts, most in Akyab, Bassein, and Amherst (Moulmein); crops are suffering from want of rain in part of Tharrawaddy and from floods in Mergui; elsewhere reports are favourable and prospects good.

A general fall in the barometer occurred in all parts of India and Burma during the middle of the week, it was most marked in Bengal and Burma; it continued on the 27th over Southern India and Burma, but recovered in all other parts. The monsoon rains seem to have ended in Upper India as far as the Central Provinces and Bengal.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Madras—(Sept. 27th)		
Bellary ...	1·12 (average of eight stations).	Standing crops generally good, dry partially withering; harvest paddy, yield average; agricultural operations progressing.
Kurnool ...	·46 (average of nine stations).	Standing crops generally good; agricultural operations progressing; cattle-disease in parts.
Ganjam ...	1·72 (average of fourteen stations).	Standing crops thriving; harvest dry crops, outturn average; fever, small-pox, and cattle-disease continue; cholera slight in parts.
Kistna ...	·66 (average of seven stations).	Standing crops generally good; harvest dry crops, outturn about average; agricultural operations progressing; small-pox and cattle-disease prevalent.
Chingleput (Madras) ...	2·23 (average of nine stations).	Standing crops generally good where water available; agricultural operations progressing; small-pox and cattle-disease in parts.
Coimbatore ...	1·50 (average of fifteen stations).	Standing crops paddy good; dry grains want rain in parts; harvest dry crops, yield average; small-pox, cholera, fever, and cattle-disease in parts.
Tanjore ...	·96 (average of eleven stations).	Standing crops generally good; harvest paddy and dry grains, outturn below average; cholera in parts.
Madura ...	1·34 (average of seven stations).	Standing crops withering in one taluk; wet cultivation commenced.
Malabar ...	1·48 (average of fourteen stations).	Harvesting first crop progressing; sowing second crop continues; fever, small-pox, and cholera in parts.
Travancore ...	*Nil*	Harvest almost over; fever prevalent.
		General Remarks.—General prospects good.
Bombay—(Sept. 27th)		
Kurrachee ...	No rain	River at Kotri on 25th, 17 feet 1 inch against 13¾ feet on same date last year; fever increasing, general throughout district; cattle-disease in Shahbandar taluka; *keon* worm doing damage to crops in two talukas; wheat, red rice, and *bajri* in Kurrachee 23, 32 and 34, in Sakro 32, 40 and 48, and in Shahbandar 20, 40 and 48 lbs. per rupee, respectively.
Hyderabad ...	.....	River falling; *kharif* crops slightly damaged by insects in talukas Sakrand and Dero Mobhat; *rabi* operations commenced; small-pox continues in Hyderabad; fever in seven talukas and cattle-disease in Badin; wheat 26, *juari* 52, *bajri* 44, red rice 32, and white rice 22 lbs. per rupee.
Ahmedabad ...	.....	Total rainfall 30·41; crops doing well; fever continues in Dholka, Viramgaum, and Gogha; wheat 27 and *bajri* 32 lbs. per rupee.
Baroda ...	.....	Total rainfall 40·74; fever continues in the Kari division; no epidemics; crops thriving; *bajri* 33 and common rice 24 lbs. per rupee.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Bombay—*contd.*		
Surat ...	·49	Total rainfall 44·18; slight damage to crops by floods in some talukas; *juari* 36 and *nagli* 57 lbs. per rupee.
Násik ...	Thunder-storms and heavy rain in most talukas—maximum at Bhimthari, 5·45; minimum at Igatpuri, ·69.	*Kharif* apparently destroyed entirely by locusts in Yeola, Nandgaon, Malegaon, and partially in Chandore, Niphad, Sinnar, Baglan, and Kalwan; quantities of locusts being destroyed upon reward; slight cholera in three talukas; wheat 28, *bajri* 33, and rice 28 lbs. per rupee.
Colaba (Bombay) ...	·17	Total rainfall 68·06, being ·87 cents above average; average abnormal temperature 1° warm from 20th to 25th and *nil* on 26th; vapour in air normal; abnormal wind northerly; thunder and lightning on 22nd, 24th, and 25th; thunder-storm on the night of 23rd.
Poona ...	Rain throughout district—maximum at Junnar, 3·27; minimum at Poona, 1·33.	Standing crops good; 8 cholera cases at Sirur, 4 deaths, and 2 deaths in Haveli taluka; *bajri* 48 and *juari* 61 lbs. per rupee, in Poona *bajri* 41 and *juari* 52 lbs. per rupee.
Ahmednagar ...	Akola, 3·65; Karjat, 3·12; Sangamner, 3·10; Parner, 3·05; Shrigonda, 2·35; Rahuri, 2·24; Kopergaon ·90; Jhamkhed, ·15; Newassa, 1·12; Nagar, 1·04; Sheogaon, ·94.	Total average rainfall of district 22·50; *kharif* crops in good condition, but injured in Kopergaon, Newassa, Rahuri, Akola, Sangamner, and Nagar by locusts; sowing of *rabi* in progress in all talukas except Kopergaon, Sangamner, and Akola; cholera—in Sheogaon 8 attacks 7 deaths, in Kopergaon—6 attacks, 4 deaths; *bajri*—maximum 66 lbs. in Jhamkhed, minimum 39 in Kopergaon; *juari*—maximum 108 lbs. in Jhamkhed, minimum 48 in Kopergaon.
Sholapur ...	1·31	Total rainfall 31·53; crops in good condition; cholera has died out except in Sangola taluka, 14 cases, 11 deaths; *bajri* 62 lbs. 23 tolas and *juari* 81 lbs. 7 tolas per rupee.
Dharwar ...	Rain at all stations except Karajgi maximum at Ron, 5·10.	The rain has benefited standing crops which in some places were suffering from blight and in others withering; cotton sowings in progress; land being prepared for sowing wheat and gram; harvesting of inferior millets going on; *juari* from 56 to 96 lbs. and rice from 20 to 32 lbs. per rupee; cattle-disease in two and ague in three talukas.
Kanara ...	Karwar, 1·43; Kumpta, ·40; Hallial, ·20; and Sirsi, ·81.	Total rainfall 103·79; harvesting rice crops around Karwar; rice crop in ear above ghat; sugarcane and garden produce thriving; common rice in Karwar 10 seers, in district average 12¼ seers per rupee; weather fine.
Rajkot ...	·60	Total rainfall 21·57; weather warm; general health good; crops thriving; *bajri* 27 and *juari* 31 lbs. per rupee.
		General Remarks.—Rain general, but slight in most districts; prospects generally good; harvesting of early *kharif* crop and preparations for *rabi* begun in some districts; locusts doing damage in Ahmednagar, Khandesh, and Násik; slight cholera, fever, and cattle-disease in some districts.
Bengal—(Sept. 27th)		
Chittagong ...	·73	Weather seasonable; prospects of crops good; harvesting of *aus* almost finished; prices somewhat high; cattle-disease continues; general health good.
Dacca ...	·70	Winter rice doing well; more rain wanted; *aus* harvest progressing favourably, fair outturn; jute harvest continues, of poor quality; cholera abating.
24-Pergunnahs (Calcutta)	Alipore, ·77	Outturn of early rice and jute above the average; sugarcane and *amun* rice doing well; more rain required; high lands being ploughed for *rabi* crops; public health generally good; fever prevalent in Baraset and Diamond Harbour sub-divisions.
Moorshedabad ...	2·24	Prospects of *amun* improved by rain except in Jungipore sub-division; lands being prepared for *rabi* crops; except usual fever in some places, public health good; cattle-pox reported from one village.
Rajshahye ...	1·51; Nattore, 2·40	More rain required; condition of *amun* slightly more favourable in some parts; fever continues.
Burdwan ...	·29; Cutwa, 3·87; Raniganj, ·97.	Prospects of *amun* improved in Cutwa, indifferent elsewhere, and bad in Raniganj; *aus* crops being reaped; fever reported.
Rungpore ...	2·53	Weather cloudy and hot; prospects of crops favourable; transplantation of *amun* still proceeding; public health good.
Bhagálpur ...	·29	More rain wanted for winter rice; prospects good; lands being prepared for *rabi* sowings.
Purneah ...	1·96	Prospects of crops fair, but transplantation too late; more rain wanted; ploughing for *rabi* crops commenced; fever prevalent.
Patna ...	·24	Reaping of *bhadoi* crops continues; more rain urgently required for winter rice; sugarcane and *rahar* doing well; public health good.
Durbhunga ...	Rainfall not stated	Prospects fair; *bhadoi* below the average; cholera nearly gone; fever reported, prices show a downward tendency.
Hazáribágh ...	·22	Weather hot and seasonable; harvesting of autumn crops continues, fair outturn expected; prospects of rice favourable, but rain wanted; public health good.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Bengal—*contd.*		
Cuttack ...	·12	Reaping of autumn rice nearly completed; earlier sorts of winter rice in ear; sugarcane and other crops progressing well; public health good.
		General Remarks.—General rain in early part of week, latterly weather very hot; prospects generally fair, but much more rain still required for late rice in many places; rainfall generally much below the average, and transplantation unusually late; good rice crop cannot be expected; autumn harvest nearly completed, generally with fair average outturn; early rice and jute have yielded indifferent crops in some districts; preparation of lands for *rabi* crops has commenced, and in some districts *kalai* pulse being sown; cholera much abated in Dacca, Chumparun, and Sarun, but still prevalent in parts of Furreedpore and Bogra; small-pox lingers in parts of Chota Nagpur; fever prevalent in some districts and increasing in Nuddea.
N. W. Provinces and Oudh—		
Benares (Sept. 26th)	No rain registered except ·10 in Benares.	*Aghani* rice will probably prove a poor crop unless rain falls within two or three days, other crops favourable; no sickness among men or cattle; bazars well supplied; prices stationary.
Allahabad („ 27th)	No rain	Weather hot and dry, with westerly wind; late rice crop suffering; slight cholera; prices mostly stationary; early rice fallen.
Gorakhpur („ 26th)	.....	Clear sky; rain wanted; rice, maize, and other crops being cut; general health fair; prices steady.
Jhánsi („ 25th)	No rain	*Kharif* prospects excellent; cultivation for *rabi* in active progress; fever prevalent; a few isolated cases of cholera in Garotha pargana; cattle-disease reported from Mau.
Agra („ 26th)	No rain	*Bajri*, &c., continue to be cut; slight fever continues, but general health good; prices steady.
Bareilly („ „)	.....	Weather seasonable; crops excellent; cholera and fever not abated.
Meerut („ „)	No rain	Weather seasonable; health good; *rabi* ploughing in progress; prices unaltered.
Kumaun („ „)	.....	Weather clear and seasonable; health good; cattle-disease continues; crops excellent; *jhangra* cut; rice in unirrigated parts almost cut; prices unchanged.
Lucknow („ „)	No rain	Crops in good condition; prices stationary; cholera nearly disappeared.
Partabgarh („ „)	Sadr, 1·50	This fall was quite local; crops beginning to suffer from the hot west winds; cholera has increased considerably during the past week.
Sitapur („ „)	.....	Sky clear; gram sowing commenced; rain required in Sidhauli tahsil for *dhankar* lands, otherwise prospects everywhere fair; cholera severe in pargana Hargam; rice falling; other grains stationary in price.
Fyzabad („ „)	No rain	*Dhan* and *kodo* being cut; prospects of crops good; fever in two tahsils and cattle-disease in part of district.
Rae Bareli („ 25th)	.....	A longish break, with westerly wind; a general grumble for more rain; *juari* attacked by an insect called *sundi*; cholera still hanging about; no cattle-disease; supplies plentiful; prices stationary.
Cawnpore („ 26th)	No rain	Weather clear and hot by day, cool by night; *kharif* outturn estimated to be above average; *juari* has suffered some damage; cholera and fever continue; prices stationary.
Farukhabad („ „)	.....	Weather seasonable; prospects of *kharif* crops good, but more rain wanted for *rabi*; fever still prevalent, and a few further cases of cholera reported; prices steady.
		General Remarks.—Except slight local showers at Benares and Partabgarh, no rain has fallen during the week; prospects generally are good, except that more rain would now be beneficial in Oudh, Benares division, and Allahabad; harvesting operations and ploughing for *rabi* crop continue, prices stationary; cholera has increased in Partabgarh and Sitapur, and continues in the parts previously affected; slight fever continues to be prevalent; cattle-disease continues in Kumaun, Jhánsi, and Fyzabad.
Punjab—(Sept. 27th)		
Delhi ...	No rain	Prospects of yield average; prices of wheat and gram are falling; those of other food-grains are stationary.
Hissar ...	No rain	Fever prevalent; prices stationary; crops maturing; half an average yield is expected in Hissar and south of Rohtak, an average yield in North Rohtak, and a yield below the average in Sirsa.
Umballa ...	No rain	Health fair; prices stationary; yield of crops expected to be somewhat below the average, especially *makki* and rice.
Jullundur ...	No rain	Health good; prices falling; crop prospects good.
Amritsar ...	No rain	Health good; crops good; prices of barley, *bajri*, and rice are falling; those of the rest of food-grains are stationary.
Sialkot ...	.....	Health good; prices stationary; crops promising; sowing for *rabi* commenced.
Lahore ...	No rain	Health good; prices stationary; crop prospects are good.
Ferozepore ...	No rain	Health good; price of barley falling; prospects of yield of crops good.
Mooltan ...	No rain	Fever prevalent; prices stationary; prospects of yield of crops good.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Punjab—*contd.*		
Rawalpindi ...	No rain	Fever in some parts of the district; prices of food-grains falling; harvest above the average.
Dera Ismail Khan ...	No rain	Fever prevalent; prices falling; crops good; ploughing for *rabi* commenced.
Peshawar ...	.....	Slight fever prevailing; prices stationary; harvest prospects good.
		General Remarks.—No rain has fallen in the districts reporting during the week; fever is prevalent in some districts, but the health of the province is generally good; prices of food-grains are falling in the Delhi, Jullundur, Ferozepore, Rawalpindi, and Dera Ismail Khan districts, and are stationary in the others; prospects of crops are reported to be good in all districts except in Sirsa and Umballa, where they are below the average.
Central Provinces—		
Nagpur (Sept. 27th)	·28	Weather hot; prospects of *kharif* crops good; fever prevalent; few cases of cholera; prices steady.
Jubbulpore („ 26th)	·02	Weather clear and hot; crops doing well, but rain needed; fever prevalent; cholera continues; prices unchanged.
Saugor („ 25th)	.....	Crops excellent; fever prevalent; prices steady.
Seoni („ 26th)	·27	Weather oppressive; more rain needed for crops; few cases of cholera; prices stationary.
Hoshangabad („ „)	.....	Weather unusually hot and occasionally cloudy; rain wanted; *kharif* generally good; fever prevalent; wheat 15 seers per rupee.
Raipur („ 23rd)	1·62	Weather oppressive, with occasional thunder-storms; crops doing well; fever and cough prevalent; cholera disappearing; prices stationary.
Sambalpur („ 21st)	2·0	Crops doing well; fever prevalent; rice 56 seers per rupee.
Khandwa („ 26th)	·10	Weather cloudy and close; small-pox reported; wheat 16 seers per rupee.
		General Remarks.—Weather warm during day; mornings and evenings cool; *kharif* crops doing well, but a little more rain would be beneficial; fever highly prevalent; cholera gradually disappearing; prices continue the same.
British Burma— (Sept. 23rd)		
Akyab ...	**2·94**	**Total rainfall 186·73; 6 deaths from cholera in town and 28 in district; cattle-disease in five townships, severe in one; prospects of crops good.**
Rangoon ...	1·05	Total rainfall 81·78; 3 deaths from cholera, otherwise public health good; crops making progress.
Bassein ...	4·14	Total rainfall 109·90; slight cholera in one township, otherwise public health good; a few deaths from cattle-disease in two townships; prospects of crops reported good.
Prome ...	·08	Total rainfall 40·59; 2 deaths from cholera in town, otherwise public health good; cattle-disease prevalent in one township; planting of crops progressing, but a good deal being late in the season; prospects of harvest will depend on later rains.
Amherst (Moulmein) ...	2·92	Total rainfall 184·86; public health good both in Moulmein and district; no reports on cattle-disease received; transplanting nearly over, and condition of crops good.
Toungoo ...	0·77	Total rainfall 75·05; 1 death from small-pox in district, otherwise public health good.
		General Remarks.—A few cases of cholera and small-pox reported, otherwise general health of province good; cattle-disease prevalent in Akyab district, slight elsewhere; some damage to crops from insects in part of Hanthawaddy district; crops suffering from want of rain in part of Tharrawaddy and from floods in Mergui; elsewhere reports favourable and prospects good.
Assam—(Sept. 27th)		
Gauhati ...	1·32	Weather seasonable; transplanting of *sali* paddy coming to a close; public health good.
Sylhet ...	1·64	*Amun* rice crop promises to be a very fine one; *sali* transplantation still going on; cholera, small-pox, and cattle-disease reported here and there; tea doing fairly well.
Cachar ...	·61	Weather dry and hot; transplanting of *sali* crops completed; reaping of *aus* crop continues; common rice 24⅜ seers per rupee; 1 case of cholera reported from Lakhimpur.
Dibrugarh ...	3·51	Weather seasonable; prospects of *sali* paddy are now good; public health good; cattle-disease still continues.
Mysore and Coorg— (Sept. 27th)		
Bangalore ...	2·14	Crops in good condition; prospects favourable.
Mysore ...	4·0	
Mercara ...	1·37	Drizzle and light rain throughout the week; rice and *ragi* crops thriving; picking cardamoms continues; prices stationary; health good.
		General Remarks.—There has been heavy rain throughout the Mysore State, which has considerably benefited crops; prospects are favourable; fever and small-pox continue in parts; no material change in prices.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Berar & Hyderabad— (Sept. 27th)		
Amráoti ...	·28	Crops progressing favourably; prices—wheat 16 and *juari* 28 seers per rupee.
Akola ...	·83	All crops promising.
Hyderabad ...	·25	Total rainfall from 1st January 28·29 inches; *kharif* crops prospering and in some places are ready for reaping; *tabi* sowings have commenced; general health good; weather sultry; prices—wheat 16¾, coarse rice 10½, white *juari* 26½, yellow *juari* 31, and *tur* 25¾ seers per current sicca rupee.
Central India States— (Sept. 27th)		
Indore ...	·14	Weather alternately close and cool; more rain is apparently impending; prospects continue favourable, and health is good.
Morar (Gwalior) ...	No rain	Health and prospects good.
Sutna ...	·06	Prospects and health good.
Neemuch ...	0·46	*Makka* being reaped; public health good.
Goona ...	No rain	Crops good; fever prevalent in district.
Bhopal ...	·25	Weather fair and cloudy alternately; prospects good.
Agar ...	No rain	Health and agricultural prospects good.
Nowgong ...	No rain	Weather seasonable; *kharif* prospects good; health fair; prices stationary.
Manpur ...	No rain	Reaping of *makka* crops finished; *juari* and *tur* crops doing well.
Rajputana—		
Abu (Sept. 27th)	No rain	Weather clear; occasional clouds.
Sirohi („ 24th)	.....	Tanks, wells, health, and crops good; weather bright and very hot.
Meywar („ 23rd)	.....	Tanks and wells good; health, fair; crops excellent.
Marwar („ 22nd)	.....	Four months' water in tanks; wells almost full; health good; crops in good condition where rain fell copiously; weather clear and very warm and close; winds low; rain much needed in some districts; prices stationary.
Harowti („ 23rd)	Previous week—Khota, 2·14.	Health and prospects good.
Jhallawar („ 20th)	.....	Health and prospects good; weather seasonable.
Ajmere („ 26th)	.....	Slight cholera in Ajmere, otherwise health good; tanks full.
Jeypore („ „)	.....	Crops ripening and promising; prices steady; fever prevalent.
Ulwur („ 20th)	.....	*Bajri* being harvested; fever continues; prices falling.
Nepal—(Sept. 21st)		
Katmandu ...	·71	Beautiful weather; prospects of rice good.

REVIVAL OF THE SILK-DYEING INDUSTRY AT SHIKARPUR.

No. 211 F. S.

Extract from the Proceedings of the Government of India in the Revenue and Agricultural Department (Fibres and Silks),—dated Simla, the 23rd September 1882.

Read the following Despatch from Her Majesty's Secretary of State for India, No. 47 of the 3rd August 1882, and enclosure, regarding the revival of the silk-dyeing industry at Shikarpur:—

No. 47, dated India Office, London, 3rd August 1882.

From—The Secretary of State for India,
To—The Government of India.

I herewith forward to Your Excellency a copy of a letter from the Collector of Shikarpur, which I have received from the Government of Bombay, in which it is stated that the members of the silk-dyeing industry of Shikarpur are anxious to revive the importance of their trade, and to that end have covenanted to use only fast colours.

2. I leave it to Your Excellency's Government to make the fact generally known in British Burma and other provinces interested in this question, and so further the object in view.

No. 1642, dated 18th April 1882.

From—W. F. Sinclair, Esq., Collector of Shikarpur,
To—The Commissioner in Sind.

I have the honour, at the request of certain silk-dyers in Shikarpur, to forward three samples of silk lately dyed here.

2. The silk-dyeing industry here was once important, but has been of late altogether insignificant, owing partly to the disturbance of trade by war, partly, it is said, to the use of inferior dyes, chiefly aniline.

3. The dealers and dyers, wishing to revive the trade lately united, signed a covenant to use only fast dyes, and asked me to witness it, and to let the matter be known, which could hardly be better done than by putting one sample in the Karachi Museum and allowing inspection, and sending the other two to Bombay—one for Government and one for the India Office.

4. If approved I can send you more samples, as the only cost to Government is the postage.

5. These samples are first fruits, and the supply at present is limited.

ORDER.—Ordered, that a copy of the Despatch be published in the Supplement to the *Gazette of India*.

E. C. BUCK,
Secretary to the Government of India.

Printed and Published for the GOVERNMENT OF INDIA *at the* GOVERNMENT CENTRAL BRANCH PRESS, *Simla.*

SUPPLEMENT TO

The Gazette of India.

Nº 40. CALCUTTA, SATURDAY, OCTOBER 7, 1882.

OFFICIAL PAPERS.

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GOVERNMENT OF INDIA.

DEPARTMENT OF FINANCE AND COMMERCE.

SUPPLEMENT TO THE STATEMENT OF PRICES CURRENT OF FOOD-GRAINS FOR THE 2nd HALF OF JULY 1882, PUBLISHED IN PAGES 1136 AND 1137 OF THE SUPPLEMENT TO THE "GAZETTE OF INDIA," DATED 26th AUGUST 1882.

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

Province.	District.	Rice. Common. Present fortnight.	Rice. Common. Past fortnight.	Rice. Common. Corresponding fortnight of last year.	Rice. Best sort. Present fortnight.	Rice. Best sort. Past fortnight.	Rice. Best sort. Corresponding fortnight of last year.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of last year.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of last year.	Great Millet (Cholum, Jowar). Present fortnight.	Great Millet (Cholum, Jowar). Past fortnight.	Great Millet (Cholum, Jowar). Corresponding fortnight of last year.	Bahrah Millet (Cumboo, Bajra). Present fortnight.	Bahrah Millet (Cumboo, Bajra). Past fortnight.	Bahrah Millet (Cumboo, Bajra). Corresponding fortnight of last year.	Lesser Millets, Ragi &c. (Kuttoo, Varagoo, Sawa, Cheena, Cumboo, Korrah, Navane, &c.), Panicum Miliaceum, Setaria Italica, &c. Present fortnight.	Lesser Millets, Ragi &c. (Kuttoo, Varagoo, Sawa, Cheena, Cumboo, Korrah, Navane, &c.), Panicum Miliaceum, Setaria Italica, &c. Past fortnight.	Lesser Millets, Ragi &c. (Kuttoo, Varagoo, Sawa, Cheena, Cumboo, Korrah, Navane, &c.), Panicum Miliaceum, Setaria Italica, &c. Corresponding fortnight of last year.	Gram. Present fortnight.	Gram. Past fortnight.	Gram. Corresponding fortnight of last year.	Firewood. Present fortnight.	Firewood. Past fortnight.	Firewood. Corresponding fortnight of last year.	Salt. Wholesale. Present fortnight.	Salt. Wholesale. Past fortnight.	Salt. Wholesale. Corresponding fortnight of last year.	Salt. Retail. Present fortnight.	Salt. Retail. Past fortnight.	Salt. Retail. Corresponding fortnight of last year.
		S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	M. S.	M. S.	M. S.	S. C.	S. C.	S. C.	S. C.	S. C.
Rajputana.	Ajmere	0 15	0 15	0 15	0 8	0 8	0 8	0 16	0 15	0 16	0 22	0 21	0 23	0 18	0 18	0 20	0 18	0 18	0 18	...	...	...	0 22	1 30	1 30	1 20	...	...	...	0 15	0 12

D. M. BARBOUR,
Secretary to the Government of India.

DEPARTMENT OF FINANCE AND COMMERCE,
(*Statistical Branch.*)

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

RAILWAY TRAFFIC.

No. XXXV OF 1882.

APPROXIMATE STATEMENT OF GROSS RECEIPTS AND EXPENSES OF INDIAN RAILWAYS.

Latest return received.	Railways.	Total mean length open.	Receipts for week ending 3rd September 1881. Total.	Per mile open.	Total mean length open.	Receipts for week ending 2nd September 1882. Total.	Per mile open.	Total Receipts from 1st April to 3rd September 1881. Total.	Per mile open per week.	Total Receipts from 1st April to 2nd September 1882. Total.	Per mile open per week.	Total Increase in 1882-83.	Total Decrease in 1882-83.
	Guaranteed.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
9th Sep. 1882	Eastern Bengal	172	1,53,798	894	172	1,87,536	1,090	19,48,068	502	19,63,381	515	15,313	...
2nd ditto	Oudh and Rohilkhund	547	85,566	156	547	63,298	116	20,43,198	167	21,06,125	174	62,927	...
9th ditto	Sind, Punjab and Delhi	676	1,50,335	222	676	1,50,323	222	36,49,567	242	39,37,927	263	2,88,360	...
2nd ditto	Madras	858	1,06,117	124	861	1,25,112	145	27,27,463	143	30,56,399	162	3,28,936	...
2nd ditto	South Indian	655	68,015	104	655	74,562	114	16,57,449	113	16,63,517	115	6,068	...
9th ditto	Great Indian Peninsula	1,139	4,78,325	332	1,450	3,48,883	241	1,36,30,062	423	1,42,53,717	441	6,23,655	...
2nd ditto	Bombay, Baroda and Central India	444	81,166	183	461	1,18,412	257	42,30,253	428	44,14,434	433	1,84,181	...
	TOTAL	4,491	11,23,322	234	4,822	10,68,126	222	2,98,86,060	279	3,13,95,500	294	15,09,440	...
	State.												
9th Sep. 1882	East Indian	1,504	8,79,655	585	1,507	6,37,131	423	1,74,66,843	521	1,85,17,275	555	10,50,432	...
2nd ditto	Calcutta and South-Eastern	28	2,107	75	33	2,640	80	65,093	104	82,495	120	17,402	...
9th ditto	Nalhati	27	990	37	27	1,132	42	26,408	44	28,720	48	2,312	...
2nd ditto	Northern Bengal	233	30,508	131	230	37,070	161	6,68,378	129	7,79,801	152	1,11,423	...
9th ditto	Tirhoot	76	8,218	109	75	10,129	135	2,42,821	136	2,69,686	148	26,865	...
9th ditto	Patna-Gya	57	7,571	133	57	6,096	107	1,79,917	141	1 89,124	150	9,207	...
9th ditto	Muttra-Hathras	29	3,495	121	29	2,364	82	59,692	92	47,592	74	...	12,100
9th ditto	Cawnpore-Furrukhabad	86	5,6 7	66	87	5,042	58	1,11,749	58	1,40,737	73	28,988	...
9th ditto	Dildarnagar-Ghazipur	12	380	32	12	522	43	17,368	65	19,472	78	2,104	...
9th ditto	Rajputana-Malwa	1,016	108,728	107	1,117	1,24,345	111	34,46,333	152	42,26,626	171	7,80,293	...
2nd ditto	Wardha Coal	45	6,174	137	45	4,614	103	2,09,765	209	2,26,323	227	16,558	...
2nd ditto	Nagpur and Chhattisgarh	53	4,513	85	98	3,482	35	1,23,718	92	2,49,446	115	1,25,728	...
2nd ditto	Rangoon and Irrawaddy Valley	161	19,100	119	161	17,675	110	5,81,546	162	5,92,463	166	10,917	...
9th ditto	Sindia	75	4,811	64	75	4,395	59	1,21,325	73	1,32,580	80	11,255	...
2nd ditto	Punjab Northern	363	44,113	122	409	43,575	107	12,21,577	151	12,38,783	139	17,206	...
9th ditto	Indus Valley and Kandahar	660	81,414	123	650	100,144	155	19,11,912	130	17,42,150	120	...	1,69,762
9th ditto	Muttra-Achnera	...	...	...	23	1,502	65	...	...	27,060	53	27,060	...
	TOTAL	2,921	3,27,849	112	3,128	3,65,027	117	89,87,602	138	99,93,058	144	10,05,456	...
	Native States.												
2nd Sep. 1882	Bhavnagar-Gondal	119	3,617	30	194	9,900	51	3,12,071	86	4,08,014	95	95,943	...
2nd ditto	Nizam's	121	13,352	110	121	13,129	109	3,49,020	129	3,62,650	135	13,630	...
26th Aug. 1882	Mysore	58	2,048	35	...	(*a*)...	...	(*b*)58,436	48	(*c*)1,16,204	64	57,768	...
	TOTAL	298	19,017	64	315	23,029	73	7,19,527	94	8,86,868	100	1,67,341	...
	GRAND TOTAL	9,514	23,49,843	247	9,772	20,93,313	214	5,70,60,032	267	6,07,92,701	278	37,32,669	...
	GROSS ESTIMATED EXPENSES	...	...	...	..	...	...	2,79,49,167	131	2,95,73,684	135	...	...
	NET RECEIPTS	...	...	...	...	...	...	2,91,10,865	136	3,12,19,017	143	21,08,152	...

(*a*) Return not received.

(*b*) Total receipts from 1st April to 27th August 1881.

(*c*) Total receipts from 1st April to 26th August 1882.

SIMLA,
[illegible] September 1882.

FRED. FIREBRACE, *Major, R.E.*,
Under-Secretary.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

STATEMENTS OF IRRIGATION OPERATIONS OF THE KHARIF CROP OF 1881-82, PUNJAB.

STATEMENT No. I.

Comparative Abstract of Irrigation and Rainfall in Canal Districts of the Punjab.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
DISTRICTS.	Area in acres.	Cultivated area in acres.	AREA IRRIGATED.		COMPARISON WITH LAST CROP.		RAINFALL IN KHARIF MONTHS.													
							April.		May.		June.		July.		August.		September.		TOTAL.	
			1880-81.	1881-82.	Increase.	Decrease.	1880.	1881.	1880.	1881.	1880.	1881.	1880.	1881.	1880.	1881.	1880.	1881.	1880.	1881.
Umballa	1,644,849	951,890	3,894	2,287	...	1,707	0·20	0·49	0·10	1·52	9·76	3·35	12·48	8·17	1·85	11·30	6·48	3·05	0·87	27·79
Karnal	1,533,990	680,319	37,107	36,367	...	1,049	...	0·21	0·28	0·78	10·30	3·74	12·24	8·26	0·70	7·67	4·69	...	28·21	20·56
Rohtak	1,159,350	906,022	27,857	32,626	4,769	...	...	0·15	...	...	1·50	3·10	7·00	10·70	...	5·70	3·85	...	12·35	19·95
Delhi	804,933	525,676	*24,343	28,964	4,121	...	...	0·20	0·10	0·10	1·00	2·20	13·50	11·50	2·80	8·80	8·40	0·60	25·80	23·40
Hissar	2,265,428	1,161,761	28,991	38,963	10,062	...	...	1·20	...	...	2·40	0·40	7·30	7·50	1·70	5·80	1·30	...	12·70	14·00
Jind	...	...	25,062	28,573	4,211	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bikaner	...	...	305	241	...	64	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gurgaon	1,240,366	993,512	602	...	...	602	...	...	...	...	1·30	...	5·30	...	3·50	...	3·60	...	13·70	...
TOTAL W. J. CANAL	8,648,916	5,219,180	147,971	167,721	23,163	3,413	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gurdaspur	1,168,314	856,230	20,713	17,069	...	3,644	...	0·48	0·47	0·95	3·08	7·03	23·43	19·26	2·32	15·33	4·47	1·00	33·77	45·25
Amritsar	1,006,798	766,773	57,887	41,769	...	16,118	...	0·20	...	1·30	3·80	13·20	12·80	23·60	0·40	25·40	1·40	4·90	18·40	69·10
Lahore	2,334,552	1,164,921	72,504	68,035	...	4,469	...	1·10	1·50	0·95	3·90	0·60	9·50	12·20	0·50	6·35	...	...	15·10	21·20
TOTAL B. D. CANAL	4,509,664	2,787,924	151,104	126,873	...	24,231	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lahore	Given above.		20,295	18,818	...	1,477	1·10	...	0·45	1·25	1·01	3·93	7·77	2·96	3·68	...	0·41	0·10	14·42	8·24
Montgomery	3,567,750	357,622	59,951	62,352	2,401	...	...	...	...	...	0·60	2·10	10·21	0·20	2·90	...	...	...	13·70	2·30
Mooltan	3,763,200	799,360	161,909	199,773	37,864	...	...	...	...	...	1·30	...	1·70	1·00	0·30	1·50	0·60	...	3·90	2·50
Muzaffargarh	2,007,819	397,529	123,380	134,350	10,970	...	...	0·37	...	0·63	2·10	0·13	0·10	0·77	0·10	2·43	0·60	0·27	2·80	4·60
Dera Ghazi Khan	2,801,280	1,008,000	131,907	139,594	7,687	...	...	0·50	...	0·60	2·70	...	0·35	2·15	1·00	3·20	...	...	4·05	6·45
Shahpur	3,002,432	624,988	5,705	7,138	1,433	...	...	1·00	0·30	0·20	1·80	4·10	2·80	3·70	2·30	2·40	1·00	1·10	9·00	12·80
TOTAL INUNDATION CANALS	15,142,181	3,087,199	503,147	562,025	60,355	1,477	...	...	...	...	...	...	...	...	...	...	...	...	...	...
GRAND TOTAL	28,301,061	11,094,603	†802,222	856,619	83,518	29,121	...	...	...	...	...	...	...	...	...	...	...	...	...	...

	Acres.
Area irrigated in kharif 1880-81	802,222
Ditto ditto 1881-82	856,619
Net Increase	54,397

* Includes 2,701 acres, being the area irrigated by the Najafgarh jhil in the Delhi District, which in the return for Kharif 1880-81 was shown separately.
† The Grand Total of column 4 is different to that shown in the return for Kharif 1880-81, owing to Superintending Engineer having subsequently intimated the actual area irrigated by the Inundation Canals, and which has been entered in this return.

STATEMENT No. II.

Statement in Acres of Crops irrigated in Canal Districts.

DESCRIPTION OF CROPS.	Umballa.	Karnal.	Rohtak.	Delhi.	Gurgaon.	Hissar.	Jind.	Bikaner.	Gurdaspur.	Amritsar.	Lahore.	Montgomery.	Mooltan.	Dera Ghazi Khan.	Shahpur.	Muzaffargarh	TOTAL.
Sugarcane	311	8,676	12,088	12,860	...	267	2,067	...	5,179	5,013	2,319	117	3,134	16	...	5,163	57,440
Rice	1,915	16,412	2,737	8,812	...	7,619	6,185	...	10,211	14,699	8,970	13,019	15,110	12,284	...	35,491	153,864
Cotton	6	8,500	14,690	3,406	...	32,827	12,826	64	814	7,467	23,492	13,734	36,923	32,492	3,637	23,740	210,648
Indigo	...	...	...	...	...	...	...	...	...	...	16	...	65,560	17,317	...	31,603	117,505
Others	55	2,779	3,111	3,886	...	8,850	6,805	177	835	14,600	51,856	35,182	78,747	77,155	3,501	35,353	323,663
TOTAL KHARIF, 1881-82	2,287	36,367	32,626	28,964	...	38,963	28,273	241	17,039	41,769	86,853	62,352	199,773	139,594	7,138	131,350	856,619
TOTAL KHARIF, 1880-81	3,994	37,107	27,857	24,843	602	38,001	24,062	305	24,713	57,887	92,799	59,951	161,909	131,907	5,705	123,380	*802,222

* The cause of the difference betweeu the Grand Total for Kharif 1880-91 as shown in this return and that entered in the returns for that crop, is explained in a foot-note attached to Statement No. I.

STATEMENT No. III.

Statement in Acres of Crops irrigated in Canal Divisions.

DESCRIPTION OF CROPS.	WESTERN JUMNA CANAL.				BARI DOAB CANAL.			Upper Sutlej Division. Inundation Canals.	Lower Sutlej and Chenab Division Inundation Canal.	Dera Ghazi Khan Division Indus Canals.	Shahpur Canals.	Muzaffargarh Canals.	TOTAL.
	Karnal Division.	Hansi Division.	Delhi Division.	TOTAL.	1st Division.	2nd Division.	TOTAL.						
Sugarcane	1,316	6,037	29,016	36,239	5,725	6,971	12,696	129	3,141	46	...	5,163	57,440
Rice	9,817	16,223	17,300	43,340	11,555	20,319	32,074	14,525	15,110	12,284	...	36,791	153,864
Cotton	1,067	45,810	15,442	62,319	5,814	23,858	29,672	16,925	36,923	32,492	3,637	23,740	210,648
Indigo	...	...	...	...	...	9	9	7	65,560	17,317	...	34,620	117,505
Others	1,501	17,857	6,395	25,753	8,883	44,650	53,870	49,384	78,737	77,155	3,501	35,363	323,663
TOTAL KHARIF, 1881-82	13,641	85,927	68,153	167,721	31,790	95,083	126,873	81,170	199,773	139,594	7,138	134,350	856,619
TOTAL KHARIF, 1880-81	15,311	70,757	*61,903	147,971	35,189	115,915	151,104	80,246	161,909	131,907	5,705	123,380	†802,222

* Includes 3,303 acres on account of the Najafgarh jhil, which was shown separately in the return for Kharif 1880-81.
† The cause of the differences between the Grand Total for Kharif 1880-81 as shown in this return and that entered in the returns for that crop, is explained in a foot-note attached to Statement No. I.

R. HOME, *Lieut.-Colonel, R.E.,*
Offg. Joint Secretary to Govt., Punjab, P. W. D., Irrigation Branch.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

IRRIGATION OPERATIONS OF THE PUNJAB, 1881-82.

Comparative Statement of Irrigation and Rainfall for the Years 1880-81 and 1881-82 in the Canal Districts of the Punjab.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
DISTRICTS.	(a) Population.	Area in acres.	Cultivated area in acres.	KHARIF, 1881-82.			AREA IRRIGATED.			WHOLE YEAR, 1881-82.			RAINFALL.			
				Total acres.	In comparison with 1880-81.		Total acres.	In comparison with 1880-81.		Total acres.	In comparison with 1880-81.		Percentage of Increase or Decrease in 1881-82.	1880-81.	1881-82.	Percentage of Increase or Decrease in 1881-82.
					Increase.	Decrease.		Increase.	Decrease.		Increase.	Decrease.				
WESTERN JUMNA CANAL.																
Umballa	1,067,263	1,644,849	951,890	2,287	...	1,707	769	...	389	3,056	...	2,096	— 40·68	35·4	32·6	7·91
Karnál	622,621	1,533,990	680,319	36,367	1,040	...	33,116	8,243	...	69,483	7,203	...	+ 11·56	31·4	25·0	20·38
Delhi	643,515	804,933	525,676	28,964	4,121	...	21,938	13,909	...	50,902	18,030	...	+ + + 54·85	29·7	25·0	15·82
Rohtak	553,609	1,159,350	906,022	32,626	4,769	...	26,263	6,872	...	58,889	11,641	...	+ + + 24·64	16·1	22·7	41·00
Hissár	504,183	2,265,428	1,161,761	38,963	10,062	...	26,685	...	13,379	65,648	...	3,317	— 4·81	16·8	17·8	5·95
Gurgaon	641,848	1,240,366	993,512	...	...	602	...	...	743	...	...	1,345	...	...	...	...
Jind	251,231	...	...	28,573	4,211	...	23,448	...	4,323	51,721	...	112	— 0·21	23·1	25·8	+ 11·68
Bikaner	...	...	...	241	...	64	605	325	...	846	261	...	+ 44·61	...	...	...
TOTAL WESTERN JUMNA CANAL	4,284,270	8,648,916	5,219,180	167,721	23,163	3,413	132,824	29,349	18,834	360,545	37,135	6,870	+ 11·19	...	...	...
BARI DOAB CANAL.																
Gurdáspur	823,695	1,168,314	856,230	17,069	...	3,644	12,087	...	2,981	29,156	...	6,625	— 18·51	40·40	49·95	23·64
Amritsar	893,266	1,006,798	766,773	41,769	...	16,118	95,937	...	21,284	137,706	...	37,402	— 21·36	25·75	73·62	+ + + 185·90
Lahore	924,106	2,334,552	1,164,921	68,035	...	4,469	133,106	...	16,581	201,141	...	21,050	— 9·47	21·14	24·20	14·47
TOTAL BARI DOAB CANAL	2,641,067	4,509,664	2,787,924	126,873	...	24,231	241,130	...	40,846	368,003	...	65,077	— 15·03	...	...	...
TOTAL PERENNIAL CANALS	6,925,337	13,158,580	8,007,104	294,594	23,163	27,644	373,954	29,349	59,680	668,548	37,135	71,947	— 4·95	...	...	...
INUNDATION CANALS.																
Lahore	Given above		(a) 18,830	62,352	2,401	1,465	30,253	11,061	...	58,083	9,596	...	+ + + 19·79	Given above	16·60	+ 207·41
Montgomery	426,629	3,567,750	357,622	199,773	...	...	101,517	55,449	...	163,809	57,850	...	+ + + 64·55	5·40	3·10	+ 44·64
Mooltan	551,964	3,763,200	799,360	159,594	...	...	146,516	9,151	...	346,278	46,995	...	+ + + 15·70	5·60	3·10	15·82
Dera Ghází Khan	363,346	2,801,280	1,008,000	124,988	...	...	62,020	18,709	...	201,614	26,396	...	+ + + 15·06	5·50	7·10	29·09
Shahpur	421,508	3,002,432	624,988	7,138	1,433	...	4,385	956	...	11,523	2,389	...	+ + + 26·14	5·50	11·60	22·41
Muzaffargarh	338,606	2,007,819	397,529	134,350	10,970	...	114,248	23,896	...	248,598	34,866	...	+ + + 16·31	4·90	4·05	17·35
TOTAL INUNDATION CANALS	2,101,962	15,142,481	3,087,499	562,037	(c)60,355	(c) 1,465	407,958	119,202	...	1,029,995	178,092	...	+ 20·90	...	...	...
GRAND TOTAL	9,027,299	28,301,061	11,094,603	856,631	83,518	29,109	841,912	148,551	59,680	1,698,543	215,227	71,947	+ 9·21	...	...	...
												NET INCREASE	143,280			

(a) Includes 12 acres supplementary irrigation not included in half-yearly returns.
(b) According to the census of 1881, except Jind, the actual area irrigated by the Inundation Canals in 1880-81, as entered in the Statements of Irrigation operations for kharif 1881-82 (vide foot-note † attached thereto), has been taken into account, and not that as shown in the annual statements of Irrigation and Revenue.

SUPPLEMENT TO

The Gazette of India.

Nº 41.] CALCUTTA, SATURDAY, OCTOBER 14, 1882.

OFFICIAL PAPERS.

A SUPPLEMENT *to the* GAZETTE OF INDIA *will be published from time to time, containing such Official Papers and information as the Government of India may deem to be of interest to the Public, and such as may usefully be made known.*

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GOVERNMENT OF INDIA.

DEPARTMENT OF FINANCE AND COMMERCE.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT INDIA FOR THE 1st HALF OF SEPTEMBER 1882.

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

Provinces	Districts	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholam Jowari), *Holcus Sorghum*. Present fortnight.	Great Millet (Cholam Jowari), *Holcus Sorghum*. Past fortnight.	Great Millet (Cholam Jowari), *Holcus Sorghum*. Corresponding fortnight of 1881.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata*. Present fortnight.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata*. Past fortnight.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata*. Corresponding fortnight of 1881.	Lesser Millets, Ragi, &c. (Kavaru, Varagu, Sawee, Cheena, Coraloo, Murnwa, Nurlee), *Panicum Miliaceum*, &c. Present fortnight.	Lesser Millets, Ragi, &c. (Kavaru, Varagu, Sawee, Cheena, Coraloo, Murnwa, Nurlee), *Panicum Miliaceum*, &c. Past fortnight.	Lesser Millets, Ragi, &c. (Kavaru, Varagu, Sawee, Cheena, Coraloo, Murnwa, Nurlee), *Panicum Miliaceum*, &c. Corresponding fortnight of 1881.	Gram. Present fortnight.	Gram. Past fortnight.	Gram. Corresponding fortnight of 1881.	Firewood. Present fortnight.	Firewood. Past fortnight.	Firewood. Corresponding fortnight of 1881.	Salt. Wholesale. Present fortnight.	Salt. Wholesale. Past fortnight.	Salt. Wholesale. Corresponding fortnight of 1881.	Salt. Retail. Present fortnight.	Salt. Retail. Past fortnight.	Salt. Retail. Corresponding fortnight of 1881.	Districts
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	
Madras	Ganjam	8 2	7 6	13 0	...	...	...	17 13	17 13	18 14	19 8	19 8	20 8	...	...	...	...	...	...	35 3	35 3	32 3	26 10	26 10	33 5	215 13	215 13	215 13	...	...	...	15 8	13 13	12 0	Ganjam
	Vizagapatam	10 0	10 0	11 0	...	...	...	9 0	9 0	11 3	11 5	11 5	12 6	...	21 10	...	23 13	23 13	30 11	24 3	25 5	28 5	23 6	23 6	30 6	93 5	93 5	87 8	15 3	15 3	11 11	14 0	14 0	10 8	Vizagapatam
	Godavery	12 10	11 11	11 11	...	...	...	13 14	13 14	12 14	18 0	17 0	16 0	30 11	28 13	26 11	...	...	...	24 2	29 2	36 6	25 3	26 3	33 10	194 6	194 6	194 6	14 10	14 10	12 8	14 10	14 10	12 8	Godavery
	Kistna	12 11	12 11	13 11	...	...	...	15 11	15 11	16 3	16 5	16 5	16 13	24 14	24 14	27 10	...	...	...	23 5	32 5	38 11	22 11	21 11	29 10	130 0	145 13	145 13	16 0	16 5	13 2	15 11	15 11	12 14	Kistna
	Nellore	12 10	12 10	12 3	...	...	...	15 13	15 13	14 5	17 0	17 0	15 0	28 13	29 11	26 11	...	...	...	32 13	32 13	30 14	21 0	22 2	25 3	186 10	186 10	93 5	15 6	15 6	13 3	14 13	14 13	12 11	Nellore
	Cuddapah	14 0	13 3	13 3	...	...	...	12 6	11 14	12 6	14 2	13 11	12 14	28 6	26 13	27 10	31 14	31 14	29 0	33 0	31 8	33 0	26 11	27 2	28 6	194 6	194 6	194 6	17 8	17 8	14 13	16 10	16 10	14 6	Cuddapah
	Anantapur	13 6	13 6	11 8	...	...	...	12 13	12 13	13 14	14 0	15 2	15 2	30 14	30 14	30 14	18 13	18 13	17 18	31 0	31 0	34 14	31 5	31 5	35 13	...	...	...	14 5	14 5	11 14	14 5	14 5	11 14	Anantapur
	Bellary	16 5	16 5	15 6	...	...	...	12 5	12 5	11 3	13 8	13 8	12 6	37 2	35 0	35 0	26 5	26 5	30 2	28 6	29 10	...	24 11	26 3	27 11	186 10	178 13	186 10	14 13	14 13	12 8	15 6	15 6	13 2	Bellary
	Kurnool	12 2	12 11	11 6	...	...	...	11 6	11 6	11 6	32 3	31 8	30 2	21 3	22 8	28 11	28 0	28 0	27 6	25 0	24 10	27 11	86 5	81 6	81 6	16 11	16 11	14 6	16 3	16 3	13 14	14 6	14 6	12 2	Kurnool
	Madras	10 8	9 13	9 8	...	...	...	13 5	13 8	13 5	15 2	15 2	14 8	23 13	23 0	21 10	25 0	25 0	28 13	27 6	27 6	24 11	24 10	24 10	26 8	92 5	92 5	77 13	17 5	17 5	14 5	17 0	17 0	13 14	Madras
	Chingleput	...	...	...	...	...	...	14 10	14 10	13 8	15 14	15 14	15 8	...	...	...	...	...	...	34 3	33 5	33 5	24 10	24 10	30 8	140 0	140 0	140 0	15 6	14 13	12 11	14 13	14 5	12 5	Chingleput
	North Arcot	9 11	9 5	10 3	...	...	...	15 0	11 11	15 0	17 5	16 14	16 0	33 11	34 10	29 2	28 14	29 11	28 2	31 13	30 3	27 0	28 13	29 5	25 10	201 11	201 11	201 11	19 5	19 5	15 5	18 14	18 14	14 13	North Arcot
	South Arcot	9 0	9 0	9 6	...	...	...	15 11	15 11	14 5	16 3	16 3	14 14	33 10	33 10	...	33 11	28 8	23 2	36 3	31 11	30 3	27 2	27 2	27 2	194 6	194 6	194 6	15 10	15 10	12 14	15 10	15 10	12 14	South Arcot
	Tanjore	9 8	8 13	9 3	...	...	...	15 13	15 13	13 14	...	...	...	31 13	31 13	25 6	31 14	29 0	29 0	28 13	28 13	30 2	30 13	30 0	27 11	97 3	97 3	97 3	17 13	17 13	13 6	17 0	17 0	12 10	Tanjore
	Trichinopoly	9 3	9 3	11 3	...	...	...	14 6	14 6	13 11	14 14	14 14	14 2	28 0	25 3	25 3	26 11	25 6	26 11	32 8	33 5	29 6	30 5	32 14	32 0	145 13	145 13	97 3	16 6	14 0	15 0	15 14	13 2	14 0	Trichinopoly
	Madura	11 5	12 0	10 14	...	...	...	13 14	14 5	11 13	15 3	14 13	13 8	32 6	34 0	30 13	30 14	32 5	30 14	...	...	...	27 5	27 5	22 0	81 10	81 10	81 10	18 11	18 11	14 13	18 3	18 3*	14 5	Madura
	Tinnevelly	8 0	8 0	9 8	...	...	...	15 6	15 6	11 2	15 13	15 13	11 10	...	...	...	...	...	...	27 14	27 14	27 14	30 6	32 5	38 0	131 3	131 3	131 3	14 11	14 11	12 3	14 10	14 10	11 11	Tinnevelly
	Coimbatore	10 11	11 8	12 5	...	...	...	13 8	13 8	12 10	14 14	14 14	13 10	26 2	24 5	26 2	28 10	28 10	28 10	20 3	20 3	18 11	20 11	19 14	23 3	161 13	161 13	121 8	11 0	11 0	9 3	11 0	11 0	9 3	Coimbatore
	Nilgiris	7 2	7 2	9 14	...	...	...	9 10	9 10	9 10	10 6	11 3	11 3	20 0	20 0	21 10	19 10	18 3	19 10	27 14	27 5	29 2	31 8	33 8	33 8	151 10	151 10	151 10	18 0	18 0	14 5	16 13	16 13	13 5	Nilgiris
	Salem	10 3	10 3	12 6	...	...	...	18 2	13 2	13 2	14 2	14 2	14 2	28 3	27 5	27 5	23 13	23 13	27 2	17 10	19 6	21 2	20 3	20 3	22 3	116 6	116 6	109 5	15 8	15 3	12 2	14 11	14 10	11 5	Salem
	South Canara	8 10	8 10	8 10	...	...	...	9 11	8 11	8 11	10 11	11 13	14 11	...	...	...	...	...	...	21 14	21 14	22 10	22 11	25 3	31 2	121 8	121 8	121 8	13 8	13 8	10 13	12 10	12 10	9 14	South Canara
	Malabar	7 3	7 14	9 11	...	...	...	14 10	13 13	14 10	15 0	14 8	15 6	...	...	...	...	...	...																Malabar
Bombay	Bombay	10 0	10 1	10 9	19 2	18 9	18 0	8 14	7 10	8 7	11 6	10 7	13 0	19 2	20 10	21 4	17 7	14 15	16 9	18 6	10 15	13 0	15 14	16 0	17 3	62 6	61 7	61 7	14 6	14 6	12 9	12 9	12 9	12 9	Bombay
	Ahmedabad	14 8	14 8	14 0	...	...	...	7 8	7 8	7 0	8 0	8 0	12 0	17 8	17 8	19 8	16 8	16 0	19 0	...	...	...	19 8	19 8	20 0	80 0	80 0	80 0	16 8	16 8	13 8	16 0	16 0	13 4	Ahmedabad
	Kaira	11 13	11 13	13 14	20 0	20 0	26 10	10 0	10 0	9 2	16 0	16 0	14 9	17 12	16 0	20 0	16 0	16 0	18 4	...	...	...	16 0	16 0	17 4	80 0	80 0	80 0	13 9	13 9	10 11	13 9	13 9	10 11	Kaira
	Surat	12 8	12 8	13 1	7 11	7 11	12 4	8 3	8 3	6 13	8 12	8 12	8 5	15 9	15 9	18 13	14 14	14 14	17 13	...	...	...	16 0	16 0	17 12½	106 0	106 0	106 0	15 4	15 4	12 12½	15 4	15 4	12 12½	Surat
	Broach	13 5½	13 5½	14 8½	...	...	...	11 1	11 1	8 14½	12 9	12 9	12 4½	16 9½	18 13	15 4	15 4	17 13	17 12½	25 11	25 11	25 11	14 15	14 15	15 10	71 0	71 1	71 1	14 5	14 5	11 7	13 13	13 13	10 2	Broach
	Tanna (Salsette)	10 5	10 5	10 5	...	...	...	8 3	8 3	8 2	10 0	10 0	11 4	18 10	18 10	18 10	15 0	15 0	18 0	...	...	...	11 8	11 8	13 8	120 0	120 0	110 0	12 0	12 0	11 0	11 0	10 8	Tanna (Salsette)
	Colába (Alibág)	8 8	8 8	8 8	...	...	...	6 12	6 12	9 0	13 8	13 8	14 0	...	...	...	...	...	...	...	...	...	15 11½	15 11½	25 2½	140 0	140 0	140 0	14 2	14 2	11 10	14 0	14 0	11 8	Colába (Alibág)
	Khandesh (Dhulia)	15 0	15 0	15 14	...	...	...	7 4	7 4	7 4	10 15	10 15	10 15	20 6½	23 13	34 0	19 13	19 13	24 4	27 9	27 9	27 8	17 0	17 0	23 0	128 0	128 0	114 0	14 8	14 8	11 11	14 4	14 4	11 8	Khandesh (Dhulia)
	Násik	14 4	14 4	14 5	...	...	...	7 7	7 7	7 7	12 0	12 0	11 12	...	...	26 6	19 12	19 12	21 0	...	...	...	17 5	18 12	22 1	91 5	91 5	98 4	14 9	14 9	11 1	14 7	14 7	11 0	Násik
	Ahmednagar	14 6	14 6	13 2	...	...	...	9 11	9 11	8 9	12 0	12 0	10 9	31 11	30 9	35 1	25 0	24 0	26 2	...	...	...	16 2	17 4	20 11	68 0	68 0	76 0	13 1	12 8	11 6	12 13	12 4	11 2	Ahmednagar
	Poona	12 10	12 10	12 10	...	...	...	11 0	11 0	8 9	12 4	12 4	11 0	26 2	25 0	28 4	20 11	19 9	19 8	...	...	...	18 15	20 1	24 4	80 0	80 0	91 6	13 8	13 8	12 0	12 0	11 12	10 0	Poona
	Sholápur	13 9	13 9	14 15	...	...	...	10 7	10 5	10 15	11 5	11 5	11 13	33 7	36 4	35 6	25 11	27 9	31 9	...	...	...	12 12	13 0	18 12	130 0	130 0	112 0	12 0	11 0	10 0	11 12	11 10	10 0	Sholápur
	Kaládgi (Bagalkot)	22 0	22 0	18 0	14 8	14 8	11 12	6 12	6 8	7 14	9 0	9 0	10 14	43 0	39 0	27 12	39 0	36 0	28 0	...	...	...	15 10	15 10	15 9	116 8	110 15	116 8	12 6	12 6	10 9	11 10	11 10	10 0	Kaládgi (Bagalkot)
	Satara	12 1	12 1	13 6	...	...	...	9 11	9 11	9 5	11 7	11 7	11 7	26 10	26 10	27 15	22 0	22 0	24 0	35 0	35 0	34 0	11 8	12 7	16 0	75 0	75 0	65 0	13 8	12 13	10 0	13 0	12 8	9 0	Satara
	Belgaum	19 0	19 0	16 8	14 0	13 0	11 0	10 0	9 13	11 8	10 8	10 5	12 0	30 0	27 12	28 0	25 0	24 0	27 0	28 0	28 0	35 0	10 0	10 0	14 0	80 0	80 0	80 0	9 2	9 2	8 0	9 0	9 0	8 0	Belgaum
	Dharwar (Hubli)	24 0	23 0	19 0	...	...	...	12 0	12 0	11 0	14 0	13 0	13 0	32 0	29 0	32 0	22 0	22 0	28 0	21 2	21 2	18 13	12 10	12 10	16 13	120 0	120 0	120 0	11 10	11 10	9 4	11 10	11 10	9 1	Dharwar (Hubli)
	Ratnágiri	10 9	10 9	8 9	...	...	...	7 13	7 13	10 0	12 11	12 11	14 2	18 3	18 3	20 13	14 11	14 11	14 11	15 15	20 0	20 0	22 0	12 0	12 0	12 2	213 5	213 5	213 5	11 8	11 8	8 0	10 8	10 8	7 0	Ratnágiri
	Kanara (Karwar)	10 8	10 8	10 3	...	...	...	8 0	8 0	8 0	10 0	11 0	15 0	14 0	14 0	20 0	...	...	...	26 10	26 10	23 0	32 0	32 0	32 0	200 0	200 0	200 0	16 0	16 0	...	15 4	15 4	11 6	Kanara (Karwar)
	Panch Mahals (Godhra)	11 6	11 6	11 6	...	...	...	11 6	11 6	11 6	15 0	15 0	15 0	32 0	32 0	17 11	16 0	24 0	24 0	...	...	...	9 5	9 5	9 5	65 5	65 5	65 5	...	...	...	32 0	32 0	32 0	Panch Mahals (Godhra)
	Aden	8 0	8 0	8 0	...	...	...	6 3	6 3	6 3	7 0	7 0	7 0	11 3	11 3	9 5	8 0	8 0	8 0	...	...	...	19 0	19 0	26 0	160 0	160 0	160 0	12 0	11 14	10 0	12 0	11 14	10 0	Aden
	Asirgarh	14 0	14 0	15 0	...	...	...	10 15	10 15	10 0	12 4	12 4	12 0	24 15	24 5	25 0	23 0	23 0	30 0	...	...	...	16 11	16 7	17 11	83 10	84 4	75 0	14 11	14 11	12 0	14 10	14 10	12 0	Asirgarh
	Baroda	10 9	10 9	10 5	14 2	14 2	16 0	9 6	8 13	7 11	11 11	11 11	11 10	14 17	10 17	10 ...	15 14	16 7	15 7	...	...	...	19 4	19 15	18 7	137 8	137 8	137 8	13 8	13 8	10 8	13 0	13 0	10 0	Baroda
	Disa	15 8	14 8	13 13	...	...	...	6 6	6 6	6 6	8 11	8 11	8 6	17 8	18 11	18 3	18 8	17 7	19 9	...	...	...	19 8	20 0	18 0	160 0	160 0	140 0	...	...	...	11 0	11 0	9 0	Disa
	Nimach	16 8	16 0	17 0	18 0	17 0	20 0	9 0	9 0	8 0	10 0	10 0	10 0	22 0	21 0	26 0	17 0	16 0	20 0	...	...	...	24 6½	23 6	22 0	80 0	80 0	70 0	†16 6½	†16 6½	†...	16 0	16 0	12 8	Nimach
	Nasirabad	16 8	16 5½	17 9½	23 10	23 3	25 9½	6 0	6 0	6 0	6 0	7 0	7 0	22 0	22 0	27 2	16 0	16 0	19 0	...	...	...	17 4	17 4	17 4	70 0	71 0	65 0	55 0	55 0	45 0	48 0	48 0	...	Nasirabad
	Rájkot	14 0	13 8	16 0	...	...	...	6 8	6 8	5 8	11 0	11 0	10 0	16 0	15 8	26 0	14 8	14 0	21 8	...	...	...	17 8	17 8	17 4	160 0	160 0	160 0	‡12 5	‡8 10½	‡10 5	12 0	8 8	10 0	Rájkot
	Upper Sindh Frontier	13 0	13 0	11 8	24 4	24 4	17 8	11 4	11 4	9 0	20 0	20 0	13 0	32 0	32 0	27 0	26 0	26 0	...	40 0	40 0	...	17 0	17 0	20 0	105 0	105 0	105 0	17 13	17 13	14 3	17 0	17 0	14 0	Upper Sindh Frontier
	Karachi	12 5	12 5	11 2	20 0	20 0	16 0	9 8	9 8	9 0	18 0	18 0	11 0	23 0	22 0	18 0	19 0	19 0	20 0	11 0	11 0	9 8	17 0	17 0	20 0	480 0	480 0	320 0	14 0	14 0	12 0	14 0	14 0	12 0	Karachi
	Hyderabad (Nukur)	14 0	14 0	15 0	26 0	26 0	26 0	14 0	13 0	11 4	20 0	16 0	16 0	30 0	26 0	32 0	26 0	26 0	26 0	24 0	24 0	...	18 14	18 4	17 13	300 0	280 0	290 0	13 10	10 4	11 4	13 2½	10 2	11 2	Haidarabad (Nukur)
	Shikarpur	13 7½	12 6	11 8	25 0	24 0	18 11	12 4½	12 6	10 10	19 6	19 0	16 0	28 8	27 0	19 1	27 0	28 11	22 8	...	...	...	...	...	...	160 0	160 0	160 0	11 5	11 5	9 10	11 5	11 5	9 10	Shikarpur
	Thar and Parkar (Umarkot)	18 0	18 0	15 2	...	...	...	12 12	13 1	9 8	...	...	...	...	...	...	23 6	21 3	17 3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Thar and Parkar (Umarkot)
	Western Districts.																												Prices per md. of 40 seers.						*Western Districts.*
Bengal	Burdwan	13 0a	13 0	13 8	32 8	32 8	30 0	24 0	21 12	28 8	25 8	24 0	31 14	...	...	...	...	...	...	21 0	21 8	23 0	120 0	120 0	100 0	Rs. A. P. 2 15 0	Rs. A. P. 2 15 0	Rs. A. P. ...	13 8	13 8	10 0				Burdwan
	Bancoorah	13 0c	13 8	14 8	18 0	15 0	16 0	20 0	18 8	25 0	27 0	23 8	36 0	...	...	...	...	...	...	18 0	18 0	20 0	240 0	240 0	320 0	3 2 0	3 2 6	...	12 8	12 0	9 0				Bancoorah
	Beerbhoom	13 0c	13 8	15 8	...	...	...	17 0	17 0	21 0	21 0	19 8	37 0	...	...	...	...	...	...	20 0	20 0	22 0	200 0	180 0	180 0	3 8 0	3 6 6	...	11 4	11 0	9 0				Beerbhoom
	Midnapore	13 0d	13 0	13 8	16 0	16 0	12 0	21 0	21 0	20 0	25 0	25 0	27 0	...	...	...	...	...	...	18 0	18 0	19 0	155 0	155 0	160 0	2 14 0	2 14 0	...	13 5	13 8	9 8				Midnapore
	Hooghly	15 0e	15 0	14 0	...	...	...	10 0	10 0	10 0	19 0	19 0	21 0	...	...	...	...	...	...	20 0	20 0	22 0	...	120 0	100 0	2 14 0	2 14 0	3 12 0	13 9	13 9	9 0				Hooghly
	Howrah	13 4	13 4	15 0	23 0	23 0	30 0	15 8	16 0	16 0	17 12	18 0	20 0	...	...	...	...	...	...	21 0	21 4	22 8	80 0	80 0	80 0	2 14 0	2 14 0	3 12 0	13 0	13 0	10 8				Howrah

a In the sub-divisions retail prices of salt are as follow :—Culna 15 seers, Cutwa and Kandi Range 13½ seers.
b Retail prices of salt at Rampore 12 seers, at Onda and Indas 16 seers, at Arjia and Bachee Pore, 15 seers, and at Sooramukhi and Kotulpore 14 seers.

* The figure now quoted is correct.
c In the interior retail prices of salt are as follow :—Ghattal 14-8 seers, and Contai 11 seers.
d In the sub-divisions retail prices of salt are as follow ;—Serampore 13 seers, and Jehanaood 13-8 seers.
e In the sub-divisions retail prices of salt are as follow ;—Serampore 13 seers, and Jehanaood 13-8 seers.

† Sambhur salt. ‡ In common use.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT BENGAL—*continued.* PROVINCES.

INDIA FOR THE 1st HALF OF SEPTEMBER 1882—*continued.*

IN SEERS OF 80 TOLAHS. QUANTITIES PER RUPEE

DISTRICTS.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholum, Jowar), *Holcus Sorghum.* Present fortnight.	Great Millet (Cholum, Jowar), *Holcus Sorghum.* Past fortnight.	Great Millet (Cholum, Jowar), *Holcus Sorghum.* Corresponding fortnight of 1881.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.* Present fortnight.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.* Past fortnight.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.* Corresponding fortnight of 1881.
	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
Central Districts.																		
Calcutta	14 9	14 0	15 4	26 14	26 8	32 0	10 0	10 0	8 0	20 0	20 0	16 0	...	...	...	...	...	...
24-Pergunnahs	13 5*e*	12 5	14 0	20 0	20 0	26 8	10 0	10 0	9 0	17 8	16 0	17 4	...	...	26 0	...	16 0	16 0
Nuddea	13 14*g*	13 14	16 0	...	...	35 8	15 4	15 4	16 0	19 0	18 13	20 0	...	...	...	...	...	...
Khoolna	...*h*	...	...	...	...	...	16 0	16 0	17 0	22 0	22 0	21 0	...	...	...	...	...	...
Jessore	13 0*i*	13 4	14 12	...	...	...	17 0	18 0	19 8	25 8	24 0	28 0	...	...	...	...	...	...
Moorshedabad	14 8*j*	14 8	18 0	...	...	...	14 0	14 8	17 0	20 0	21 0	25 0	...	...	...	...	...	...
Dinagepore	13 0*k*	13 0	18 12	14 0	14 8	20 0	19 0	19 4	15 0	23 4	23 8	25 0	...	...	...	...	...	...
Rajshahye	13 8*l*	13 8	15 0 to 16 8	32 0	33 12	45 0	13 4	13 8	16 0 to 18 0	19 11	20 0	24 0	...	...	...	...	...	...
Rungpore	16 0*m*	16 0	15 0	...	...	...	15 0	15 0	15 0	22 0	23 0	20 0	...	...	...	...	...	...
Bogra	18 12	18 0	22 8	...	...	...	15 12	15 12	21 0	26 4	28 2	30 0	...	...	...	...	...	...
Pubna	17 4*n*	13 0	18 12	...		...	10 0	10 0	12 0	26 4	24 0	26 4	...	...	...	...	...	...
Darjeeling	11 0*o*	10 0	8 0	10 0	10 0	8 0	5 0	5 0	5 8	12 0	13 0	14 0	...	...	...	...	...	...
Julpáiguri	10 0*p*	10 0	10 0	20 0	20 0	...	14 0	14 0	12 4	20 0	20 0	18 0	...	...	...	...	...	...
Eastern Districts.																		
Dacca	13 5*q*	13 14	13 5	32 0	32 0	35 8	21 4	21 4	20 0	26 10	26 10	26 8	...	...	...	...	...	...
Furreedpore	20 0*r*	22 0	21 0	37 8	30 8	33 0	19 4	20 0	8 0	20 8	26 8	22 0	...	...	...	...	...	...
Backergunge	...*s*	...	...	...	...	...	19 0	19 0	21 0	23 0	23 0	28 8	...	...	...	...	...	...
Mymensingh	11 8*t*	10 0	12 0	...	...	...	22 8	22 8	18 0	27 0	28 0	25 0	...	...	...	...	...	...
Tipperah	11 8*u*	11 8	13 0	...	...	...	19 8	20 12	22 0	26 10	29 12	33 0	...	...	...	...	...	...
Chittagong	9 0*v*	9 0	11 4	...	...	...	20 0	16 0	16 0	26 0	26 0	22 8	...	...	...	...	...	...
Noakholly	...*w*	...	...	...	...	...	24 0	24 0	21 0	26 0	27 0	25 0	...	...	...	...	...	...
Chittagong Hill Tracts	...	...	...	...	...	...	13 5	13 5	14 8	17 12	17 12	17 3	...	...	...	...	...	...
Hill Tipperah	11 0	11 0	11 0	...	...	...	20 0	20 0	24 0	27 0	28 0	30 0	...	...	...	...	...	...
Behar.																		
Patna	19 0	18 8	23 0	34 0	34 0	40 0	12 0	12 0	14 0	22 0	22 0	24 0	...	...	...	...	...	...
Gya	17 0*x*	16 8	18 8	24 0	24 0	35 0	12 0	12 8	12 0	18 8	18 8	20 8	...	...	...	...	...	...
Shahabad	16 0*y* to 17 0	15 0 to 16 0	17 0 to 18 0	28 0	25 0	36 0	16 0 to 18 0	16 0 to 18 0	20 0	19 0 to 19 8	18 0 to 19 0	22 0 to 23 0	...	...	...	...	...	...
Durbhunga	14 0*z*	15 0	17 0	30 0	30 0	45 0	14 0	14 0	15 0	16 0	16 0	19 0	...	...	...	...	...	...
Mozufferpore	18 0*a1*	16 0	20 0	40 0	30 0	35 0	12 0	12 0	11 0	17 0	16 0	19 0	...	...	...	...	...	...
Sarun	16 0*a2*	15 8	16 0	27 0	27 0	41 0	10 0	9 8	10 8	20 0	20 0	22 8	35 0	30 0	40 0	...	...	...
Chumparun	18 0*a3*	18 0	21 0	32 0	31 0	50 0	12 0	12 0	14 0	18 0	18 8	25 0	...	...	...	...	...	...
Monghyr	17 13*a4*	16 12	16 12	53 9	29 5	42 0	16 5	15 12	11 8	18 7	18 14	18 14	...	...	...	...	...	...
Bhágalpur	14 13*a5*	14 8	13 14	37 14	37 14	31 9	17 11	17 11	18 5	20 3	18 15	20 3	...	...	...	...	...	...
Purneah	14 0*a6*	14 0	16 0	...	...	40 0	20 0	20 0	21 0	22 0	24 0	28 0	...	...	...	...	...	...
Maldah	17 0	16 0	16 0	...	...	...	14 0	16 0	16 0	20 0	20 0	24 0	...	...	...	...	...	...
Sonthal Pergunnahs	13 0*a7*	12 8	13 0	...	...	...	16 0	16 0	22 0	22 0	22 0	26 0	...	...	...	...	...	...
Orissa.																		
Cuttack	14 7	17 1	15 0	...	...	...	15 12	15 12	17 11	26 4	24 15	22 5	...	...	...	...	...	...
Pooree	10 0*a8*	11 0	14 8	...	...	...	20 0	20 0	22 0	25 0	25 0	25 0	...	...	...	...	...	...
Balasore	14 0*a9*	13 0	16 0	...	...	...	20 0	22 0	21 5	32 0	32 0	32 0	...	...	...	...	...	...
Chota Nagpore—South-Western Frontier Agency.																		
Hazaribagh	13 0*b10*	12 8	17 8	24 0	...	...	10 0	10 0	12 0	19 0	18 0	18 0	...	...	...	...	...	...
Lohardugga	14 0*a11*	15 0	17 0	20 0	20 0	24 0	20 0	20 0	18 0	22 0	22 0	23 0	...	...	...	...	...	...
Singbhoom	20 0	24 0	24 0	28 0	28 0	40 0	36 0	36 0	32 0	40 0	40 0	36 0	...	...	...	...	...	...
Manbhoom	12 0*z12*	12 0	13 0	...	...	40 0	18 0	16 0	20 0	30 0	30 0	32 0	...	...	...	...	...	...

DISTRICTS.	Lesser Millets, Ragi, &c. (Kavaru, Veragu, sawee, Cheena, Coraloo, Murhwa, Nugeel, *Panicum Miliaceum, &c.* Present fortnight.	Lesser Millets, Ragi, &c. (Kavaru, Veragu, sawee, Cheena, Coraloo, Murhwa, Nugeel, *Panicum Miliaceum, &c.* Past fortnight.	Lesser Millets, Ragi, &c. (Kavaru, Veragu, sawee, Cheena, Coraloo, Murhwa, Nugeel, *Panicum Miliaceum, &c.* Corresponding fortnight of 1881.	Gram. Present fortnight.	Gram. Past fortnight.	Gram. Corresponding fortnight of 1881.	Firewood. Present fortnight.	Firewood. Past fortnight.	Firewood. Corresponding fortnight of 1881.	Salt. Wholesale prices per maund of 40 seers. Present fortnight.	Salt. Wholesale prices per maund of 40 seers. Past fortnight.	Salt. Wholesale prices per maund of 40 seers. Corresponding fortnight of 1881.	Salt. Retail. Present fortnight.	Salt. Retail. Past fortnight.	Salt. Retail. Corresponding fortnight of 1881.
	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. A. P.	Rs. A. P.	Rs. A. P.	S. Ch.	S. Ch.	S. Ch.
Central Districts.															
Calcutta	...	...	...	22 10	21 5	24 11	90 0	90 0	90 0	2 10 0	2 10 0	...	14 9	14 9	10 0
24-Pergunnahs	...	...	16 0	20 0	17 8	22 12	100 0	90 0	90 0	2 13 0	3 0 0	4 8 0	14 4	13 5	9 0
Nuddea	...	...	...	21 5½	21 5½	26 0	...	...	...	3 0 0	3 0 0	...	11 10½	11 10½	10 0
Khoolna	...	...	...	12 0	12 0	10 0	160 0	160 0	160 0	3 2 0	3 2 0	4 0 0	11 0	11 0	8 0
Jessore	...	...	...	18 0	18 0	21 0	120 0	120 0	110 0	3 0 0	3 0 0	4 0 0	11 8	11 8	8 0
Moorshedabad	...	...	...	23 0	23 0	32 0	120 0	120 0	120 0	3 2 0	3 2 0	...	12 0	12 0	9 0 to 10 0
Dinagepore	...	...	...	16 0	16 0	18 0	160 0	140 0	96 0	3 4 0	3 4 0	...	12 0	12 0	8 12
Rajshahye	...	...	...	20 13	13 8	24 0 to 25 5	240 0	240 0	240 0	3 2 0	3 5 3	...	12 12	12 0	9 6
Rungpore	...	...	...	15 0	15 0	12 0	120 0	130 0	120 0	3 5 3	3 5 3	...	11 8	11 8	8 12
Bogra	...	...	...	15 12	16 8	24 0	67 8	67 8	67 8	3 5 4	3 2 8	...	12 0	12 0	9 0
Pubna	...	...	...	20 0	20 0	21 0	200 0	200 0	200 0	3 1 6	3 3 6	4 0 0	12 12	12 0	9 12
Darjeeling	9 0	9 0	9 0	10 0	8 0	9 0	160 0	160 0	160 0	4 8 0	4 8 0	6 4 0	8 0	8 0	5 4
Julpáiguri	...	...	...	16 0	16 0	13 5	128 0	128 0	64 0	3 4 0	3 4 0	...	11 0	11 0	9 0
Eastern Districts.															
Dacca	...	...	...	20 0	20 0	24 8	106 8	106 8	120 0	3 0 0	3 0 0	4 2 0	12 12	12 12	9 14
Furreedpore	...	...	...	12 0	20 0	16 0	120 0	120 0	...	3 2 0	3 2 0	...	12 0	12 8	10 0
Backergunge	...	...	...	18 0	18 0	20 0	100 0	100 0	100 0	2 15 0	2 15 0	...	13 0	13 0	8 8
Mymensingh	...	...	...	17 0	16 0	19 0	...	...	...	3 4 0	3 5 0	...	12 4	12 4	9 0
Tipperah	...	...	...	18 0	18 0	18 0	...	...	...	3 2 0	3 5 0	...	12 0	12 0	9 8
Chittagong	...	...	...	16 0	16 0	16 0	80 0	80 0	80 0	2 14 0	2 14 0	3 13 0	13 0	13 0	10 4
Noakholly	...	...	...	16 0	16 0	15 0	...	...	...	3 2 0	3 2 0	...	10 0	10 0	8 0
Chittagong Hill Tracts	...	...	...	...	...	...	320 0	360 0	320 0	3 4 0	3 4 0	...	10 9	10 9	7 4
Hill Tipperah	...	...	...	14 0	14 0	9 0	...	...	...	3 4 0	3 6 0	...	10 0	10 0	8 0
Behar.															
Patna	...	...	...	30 0	80 0	37 8	130 0	130 0	120 0	3 0 0	3 0 0	...	10 8	10 8	...
Gya	...	...	...	23 0	24 0	29 0	180 0	180 0	160 0	3 5 0	3 6 0	...	11 8	11 8	9 0
Shahabad	28 0	27 0	...	28 0 to 29 0	28 0 to 29 0	31 0 to 32 0	120 0	120 0	120 0	3 1 0	3 1 0	...	12 8	12 8	9 8
Durbhunga	42 0	40 0	45 0	22 0	22 0	30 0	160 0	160 0	130 0	3 10 0	3 10 0	...	11 0	11 0	8 12
Mozufferpore	...	...	...	27 0	25 0	35 0	140 0	140 0	140 0	3 4 0	3 4 0	...	12 0	12 0	9 0
Sarun	34 0	34 0	34 0	28 0	28 0	32 0	160 0	160 0	150 0	3 4 0	3 4 0	...	11 0	11 0	9 0
Chumparun	...	...	...	26 0	26 0	36 0	...	...	...	3 5 0	3 0 0	...	11 0	11 0	8 8
Monghyr	...	...	...	27 14	29 6	33 9	126 0	126 0	105 0	3 1 0	3 1 0	...	12 13	12 10	8 14
Bhágalpur	...	...	...	26 8	26 8	34 1	138 14	138 14	138 14	2 15 6	3 3 0	...	12 10	12 10	9 7
Purneah	...	...	...	22 0	21 0	26 0	160 0	160 0	120 0	3 12 0	3 8 0	...	10 12	10 0	8 0
Maldah	...	...	...	18 0	16 0	24 0	200 0	200 0	120 0	3 4 0	3 4 0	...	12 4	12 0	9 0
Sonthal Pergunnahs	...	...	...	19 0	18 8	24 0	200 0	200 0	200 0	3 7 0	3 10 0	...	11 4	10 8	8 0
Orissa.															
Cuttack	13 2	13 2	17 11	21 0	22 5	26 4	160 0	160 0	160 0	2 12 0	3 0 0	3 8 0	14 0	13 0	11 0
Pooree	...	...	...	16 0	16 4	18 0	120 0	120 0	100 0	2 12 0	2 12 0	...	13 4	13 4	10 8
Balasore	...	...	...	16 0	16 0	16 0	120 0	120 0	128 0	3 2 0	3 2 0	3 12 0	12 14	11 10	9 3
Chota Nagpore—South-Western Frontier Agency.															
Hazáribágh	36 0	33 0	48 0	18 0	18 8	20 0	240 0	200 0	200 0	3 7 0	3 5 6	...	11 0	12 0	8 0
Lohardugga	32 0	32 0	48 0	15 0	15 0	16 0	120 0	120 0	140 0	4 2 0	4 2 0	...	9 0	9 0	6 8
Singbhoom	...	...	...	24 0	24 0	21 0	180 0	180 0	160 0	4 5 0	4 5 0	...	8 0	8 0	6 0
Manbhoom	...	...	64 0	18 0	17 0	17 0	120 0	120 0	120 0	3 12 0	3 12 0	...	10 12	10 12	8 8

f In the sub-divisions retail prices of salt are as follow:—Baraset and Basirhat 11 seers, Diamond Harbour and Barripore 10-8 seers, Barrackpore 12-12 seers, and Dum-Dum 12 seers.
g In the sub-divisions retail prices of salt are as follow:—Kooshtea and Bongong 13 seers, Meherpore 10-10 seers, Chooadanga 12 seers, and Kumarkhali 12-14 seers.
h Retail price of salt in Bagirhat 11 seers, and Satkhira 10-10 seers.
i In the sub-divisions retail price of salt is 12 seers.
j In the sub-division retail prices of salt are as follow:—Lalbagh 11 seers, and Jungipore and Kandi 11-8 seers.
k Retail prices of salt at Raigange 11-8 seers and at Nitpore 12 seers.
l In Natore retail price of salt is 12 seers.
m In the sub-divisions retail prices of salt are as follow:—Gaibanda 11 seers, Nilphamari 12 seers, and Kurigram 10 seers.
n In Seraigange retail price of salt is 14 seers.
o Retail price of salt at Kurseong 8 seers and Silligori 10 seers.
p Retail price of salt at Fattacotta in Alipore sub-division 10-8 seers.
q In the sub-divisions retail prices of salt are as follow:—Manikgange 12 seers, Moonshegunge 10-5 seers, and Naraingange 13 seers.
r In the sub-divisions retail prices of salt are as follow:—Goamuto and Bhanga 12 seers, Madaripore 13 seers, and Gopalgange 12-12 seers.
s In the sub-divisions retail prices of salt are as follow:—Patuakhali 10-10 seers, Perozepore 11 seers, and Bhola 10 seers.
t In the sub-divisions retail prices of salt are as follow:—Kishoregange 8 seers, Attea 12 seers, Jamalpore 11 seers, and Netrokona 12-8 seers.
u In the sub-divisions retail prices of salt are as follow:—Brahmanberaan 11 seers, and Chandpore 12 seers.
v Retail price of salt at Kumeriah 10 seers, Hathazaree 11 seers, and Cox's Bazar 12 seers.
w In the interior retail prices of salt range from 8 to 12-4 seers.
x In the sub-divisions retail prices of salt are as follow:—Jehanabad 12 seers, and Nowada 10 seers.
y In the sub-divisions retail prices of salt are as follow:—Buxar 11-8 seers, Sasseram 11-12 seers, and Bhabuah 10-12 seers.
z In the sub-divisions retail prices of salt are as follow:—Madhubani 12 seers, and Tajpore 11-8 seers.
a1 In the sub-divisions retail prices of salt range from 10 to 12-8 seers.
a2 In the interior retail prices of salt range from 9 to 12-12 seers.
a3 In the sub-divisions wholesale prices of salt are as follow:—Sewan Rs. 3-5-4 per maund, Gopalgunge Rs. 3-5 per maund.
a4 In the interior retail prices of salt are as follow:—Begusarai 12 seers, and Jamui 12-5 seers.
a5 In the sub-divisions retail prices of salt are as follow:—Banka 11 seers, Soopole 10 seers, and Mudehpoora 10-8 seers.
a6 In the sub-divisions retail prices of salt are as follow:—Kissengunge 10 seers, and Arrareah (Ranigunge) 10 seers.
a7 In the sub-division retail prices of salt are as follow:—Deogurh 12 seers, and Godda 11 seers.
a8 In the sub-divisions retail prices of salt is 14 seers per rupee.
a9 In Khurda retail price of salt is 11 seers per rupee.
b10 In Bhadruk retail price of salt is 11 seers per rupee.
a11 Retail price of salt at Chatra 10 seers.
z12 Retail price of salt at Dantongunge 9·50 seers.
z11 Retail price of salt at Raghunathpore and Govindpore 12 seers, and at Burrabazar 10 seers.
z Retail price of salt at Raghunathpore and Govindpore 12 seers, and at Burrabazar 10 seers.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT INDIA FOR THE 1st HALF OF SEPTEMBER 1882—*continued.*

IN SEERS OF 80 TOLAHS.

QUANTITIES PER RUPEE

Provinces.	Districts.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholum, Jowari). *Holcus Sorghum.* Present fortnight.	Great Millet (Cholum, Jowari). *Holcus Sorghum.* Past fortnight.	Great Millet (Cholum, Jowari). *Holcus Sorghum.* Corresponding fortnight of 1881.	Bulrush Millet (Cumboo, Bajra). *Penicillaria Spicata.* Present fortnight.	Bulrush Millet (Cumboo, Bajra). *Penicillaria Spicata.* Past fortnight.	Bulrush Millet (Cumboo, Bajra). *Penicillaria Spicata.* Corresponding fortnight of 1881.	Lesser Millets, Ragi, &c. (Kavaru, Varagu, Sawee, Cheena, Coraloo, Murhwa, Nuglee). *Panicum Miliaceum, &c.* Present fortnight.	Lesser Millets, Ragi, &c. (Kavaru, Varagu, Sawee, Cheena, Coraloo, Murhwa, Nuglee). *Panicum Miliaceum, &c.* Past fortnight.	Lesser Millets, Ragi, &c. (Kavaru, Varagu, Sawee, Cheena, Coraloo, Murhwa, Nuglee). *Panicum Miliaceum, &c.* Corresponding fortnight of 1881.	Gram. Present fortnight.	Gram. Past fortnight.	Gram. Corresponding fortnight of 1881.	Firewood. Present fortnight.	Firewood. Past fortnight.	Firewood. Corresponding fortnight of 1881.	Salt. Wholesale. Present fortnight.	Salt. Wholesale. Past fortnight.	Salt. Wholesale. Corresponding fortnight of 1881.	Salt. Retail. Present fortnight.	Salt. Retail. Past fortnight.	Salt. Retail. Corresponding fortnight of 1881.	Districts.	Provinces.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. A. per maund.	Rs. A.	Rs. A.	S. Ch.	S. Ch.	S. Ch.		
Assam.	Sylhet	10 8	10 8	13 0	...	...	...	14 0	14 0	16 0	31 8	28 0	35 0	...	...	...	...	...	...	...	15 0	17 12	19 0	108 0	108 0	108 0	3 2	3 4	...	12 12	12 8	9 6	Sylhet	Assam.
	Cachar	9 6	8 14	11 6	16 0	...	20 0	20 0	16 0	20 0	26 10	21 5	26 10	...	...	...	...	...	...	...	16 13	15 4	17 12	80 0	80 0	80 0	3 4	3 7	...	11 10	11 2	8 14	Cachar	
	Goálpárá	22 0	22 0	26 11	...	...	...	13 0	13 0	14 8	22 0	20 0	20 0	...	...	...	...	...	...	...	14 0	14 0	13 5	120 0	120 0	120 0	3 4	3 4	...	12 0	12 8	9 6	Goálpárá	
	Gáro Hills	4 0	4 0	4 0	...	...	...	5 0	5 0	5 0	18 0	18 0	20 0	...	...	...	...	...	...	...	8 0	8 0	6 8	160 0	160 0	160 0	5 6	5 6	...	6 6	6 6	5 5	Gáro Hills	
	Kámrúp	20 0	20 0	17 0	...	...	...	13 0	13 0	14 0	18 0	18 0	17 0	...	...	...	...	...	...	...	13 0	13 0	17 0	160 0	160 0	200 0	3 5	3 5	...	12 0	12 0	8 0	Kámrúp	
	Darrang	...	...	...	...	...	...	8 0	10 0	9 0	16 0	16 0	16 0	...	...	...	...	...	...	...	8 10	9 0	8 8	160 0	160 0	160 0	4 8	4 8	...	8 0	8 0	7 0	Darrang	
	Nowgong	...	...	...	...	...	...	13 8	13 8	11 8	16 0	16 0	16 0	...	...	...	...	...	...	...	8 0	8 0	8 0	80 0	80 0	100 0	3 12	3 12	...	9 0	9 0	8 0	Nowgong	
	Sibságar	...	...	...	...	...	...	6 8	6 8	7 0	16 0	14 0	12 0	...	...	...	...	...	...	...	10 0	10 0	10 0	80 0	80 0	120 0	4 8	4 8	...	8 8	8 8	7 0	Sibságar	
	Lakhimpur	8 0	8 0	9 0	10 0	10 0	10 0	8 0	8 0	7 0	16 0	16 0	16 0	...	...	...	...	...	...	...	10 0	10 0	9 0	200 0	200 0	80 0	5 0	5 0	..	8 0	8 0	7 0	Lakhimpur	
	Khásí & Jaintiá Hills	8 0	8 0	8 0	...	...	..	10 0	9 0	9 0	14 0	10 0	10 0	...	...	...	...	...	...	...	10 0	10 0	...	...	...	...	5 0	5 0	...	8 0	8 0	5 5	Khásí & Jaintiá Hills	
	Nága Hills	...	...	...	...	...	...	6 0	5 0	4 0	8 0	8 0	...	...	...	...	...	...	...	...	2 0	2 0	2 0	120 0	120 0	120 0	13 0	13 0	...	3 0	3 0	2 8	Nága Hills	
N. W. Provinces.	Dehra Dún	18 8	18 0	19 0	27 0	29 0	30 0	11 0	11 0	10 0	12 0	12 8	12 0	24 0	24 0	20 0	22 0	22 0	16 0		20 0	19 8	19 0	160 0	160 0	160 0	10 8	11 0	10 0	10 0	10 8	9 0	Dehra Dún	N. W. Provinces.
	Saháranpur	20 7	20 7	21 0	31 3	32 4	37 12	9 11	9 11	8 1	12 11½	12 14½	11 14	32 4	32 4	30 3	33 10½	21 8	25 14		24 11½	24 11½	23 2	129 0	129 0	150 8	12 1	12 1	10 12	11 13	11 13	9 11	Saháranpur	
	Muzaffarnagar	19 12	18 15	19 4	28 11	28 11	35 5	6 9	6 9	6 9	14 5	14 5	13 4	28 11	28 0	26 6	24 6	22 0	22 0		24 14	23 2	38 2	132 0	132 0	132 0	11 13	11 13	9 14	11 4	11 4	...	Muzaffarnagar	
	Meerut	19 0	18 8	21 0	27 0	26 0	30 0	6 0	6 0	5 8	15 0	15 0	13 0	27 0	27 0	25 0	24 0	21 0	20 0		23 12	23 0	21 12	110 0	110 0	115 0	12 0	12 0	10 0	11 8	11 8	9 8	Meerut	
	Bulandshahr	19 8	19 12	21 5	26 0	25 12	32 0	6 0	6 0	6 0	10 5	10 5	10 5	24 0	24 0	24 0	20 0	21 0	19 0		23 0	23 0	22 8	140 0	140 0	110 0	11 8	11 8	10 6	...	...	...	Bulandshahr	
	Aligarh	18 4	18 0	14 4	24 0	24 8	25 8	6 0	6 0	6 0	11 0	11 0	14 8	24 0	25 0	20 0	20 0	17 0	20 8		22 0	22 0	21 0	130 0	130 0	120 0	12 0	12 8	...	11 8	12 0	...	Aligarh	
	Kumaun	17 0	17 0	18 0	18 0	18 0	20 0	10 0	10 0	9 0	14 0	13 0	14 8	...	...	...	...	...	...		12 0	12 0	13 0	200 0	200 0	200 0	8 0	8 0	7 0	7 0	7 0	6 0	Kumaun	
	Garhwál	24 0	24 0	20 0	30 0	24 0	22 0	9 0	9 0	6 8	17 8	17 8	13 4	...	...	...	...	...	...		9 0	9 0	9 0	320 0	320 0	280 0	7 8	7 8	7 8	6 14	6 14	6 14	Garhwál	
	Bijnor	17 7	17 2	20 13	27 0	26 2	30 6	11 4	11 4	11 4	12 6	12 15	12 6	21 6	21 6	15 12	19 2	13 8	15 12		20 13	20 4	24 0	135 0	135 0	135 0	...	...	...	11 0	11 0	9 9	Bijnor	
	Moradabad	19 6	18 7	20 15	23 12	23 2	30 10	9 6	9 6	8 2	13 2	13 2	15 10	25 0	25 0	26 4	18 2	18 2	23 12		21 4	21 4	19 6	137 8	137 8	125 0	12 0	12 0	...	11 14	11 14	10 14½	Moradabad	
	Budaun	18 2	17 6	20 11	23 6	22 8	29 1½	9 9	9 9¼	9 9¼	16 0	13 12¼	16 8	...	...	...	...	...	...		19 12½	18 14½	21 9½	192 0	192 0	192 0	10 12½	10 12½	9 9½	10 7½	10 3	10 10	Budaun	
	Bareilly	17 3	16 14	19 6	22 8	21 14	27 8	8 2	8 2	7 13	13 12	13 12	15 10	24 6	22 8	25 0	21 4	20 10	20 0		20 0	19 6	19 6	125 0	125 0	125 0	11 14	11 14	...	11 4	11 4	9 11	Bareilly	
	Sháhjáhánpur	19 0	18 8	20 4	24 12	24 12	29 12	9 4	9 4	8 8	17 0	14 8	15 8	...	...	...	...	...	...		17 8	18 0	18 0	120 0	120 0	120 0	12 0	12 0	11 4	...	11 0	11 0	9 0	Sháhjáhánpur	
	Tarái Pergunnahs	21 8	21 0	23 0	35 0	30 0	35 0	10 0	7 8	10 0	16 0	16 0	15 0	25 0	25 0	25 0	25 0	25 0	25 0		24 8	23 8	18 8	110 0	100 0	130 0	14 8	14 0	...	12 8	12 0	11 0	Tarái Pergunnahs	
	Muttra	17 3	17 8	18 12	24 0	23 0	24 0	...	...	8 0	14 0	13 8	13 8	24 0	25 0	22 0	22 0	22 0	20 0		24 8	23 0	20 0	100 0	100 0	80 0	12 8	12 8	14 0	...	12 8	12 0	11 0	Muttra	
	Agra	17 4	17 8	18 0	25 0	23 0	22 8	6 0	6 8	6 0	14 0	14 0	13 8	26 0	23 0	20 0	22 0	22 0	19 0		22 2	21 9	21 7	156 8	156 8	156 8	12 4	12 8	11 0	12 0	12 0	10 8	Agra	
	Farukhabad	17 10	17 9	18 14½	22 5½	22 0	27 8	6 13	6 13	6 2	13 2½	13 4	14 5	23 1	22 4	22 7	21 12	21 4	23 0		24 8	23 0	18 0	160 0	160 0	160 0	12 0	12 0	10 12	10 12	10 8	9 10	Farukhabad	
	Mainpuri	19 0	19 0	16 8	25 0	25 0	23 0	5 0	5 0	5 0	11 0	11 0	12 0	...	...	...	...	...	...		25 0	25 8	20 8	100 0	100 0	120 0	10 8	10 8	10 8	10 0	10 0	9 8	Mainpuri	
	Etáwah	18 8	18 0	16 12	23 0	22 0	23 8	6 0	6 0	6 0	14 8	14 8	14 8	25 0	25 0	20 0	20 0	16 0	18 8		23 8	21 0	19 0	140 0	140 0	160 0	11 8	12 8	10 4	...	11 0	...	Etáwah	
	Etah	20 0	18 12	17 8	25 0	24 8	25 0	10 0	8 0	8 0	...	12 0	13 0	...	18 0	...	16 0	19 0	15 0		29 0	29 0	22 8	140 0	140 0	120 0	12 0	12 0	12 0	11 0	11 0	9 8	Jalaun	
	Jalaun	18 0	19 0	20 8	20 0	20 0	20 0	10 0	10 0	8 0	12 0	12 0	12 0	28 0	28 0	24 0	22 0	22 0	20 0		27 14½	26 13	26 6½	200 0	200 0	200 0	12 6½	11 12½	9 7½	11 6½	10 12½	8 15½	Jhánsi	
	Jhánsi	21 5	20 10¼	22 13½	33 2½	32 10	27 7	8 0	8 0	7 14½	15 0	15 0	13 13	28 0	27 4	25 8	...	...	21 5		33 0	33 0	39 0	140 0	140 0	160 0	11 0	11 0	...	10 10	10 10	8 12	Lalitpur	
	Lalitpur	21 0	21 0	28 8	37 0	37 0	35 0	11 0	10 0	10 0	13 0	13 0	12 0	32 0	32 0	38 0	26 0	26 0	26 0		25 8	24 8	24 0	140 0	140 0	180 0	13 0	12 8	...	12 8	12 0	10 8	Cawnpore	
	Cawnpore	18 8	18 0	19 8	26 8	26 0	29 8	11 0	11 0	10 8	14 0	14 0	15 8	27 0	26 0	29 0	25 0	25 0	25 0		25 8	25 0	21 12	200 0	200 0	200 0	10 4	10 4	...	10 0	10 0	9 4	Fatehpur	
	Fatehpur	16 10	16 14	18 2	25 12	25 12	24 0	13 8	11 4	12 0	15 4	15 4	15 0	...	...	...	...	...	...		34 0	33 0	24 0	160 0	160 0	180 0	12 8	12 4	...	12 0	12 0	9 8	Banda	
	Bánda	18 0	18 0	17 8	21 4	21 0	18 0	9 0	9 0	10 0	14 8	14 0	13 8	33 0	33 0	22 0	30 0	30 0	21 0		25 0	24 4	23 4	180 0	130 0	160 0	12 0	12 0	...	11 0	11 0	...	Allahabad	
	Allahabad	17 8	17 8	17 10	25 8	25 8	26 8	12 0	11 8	11 8	17 0	17 0	16 0	32 0	30 8	26 0	30 0	29 8	25 0		29 0	27 0	20 9	140 0	140 0	140 0	11 0	11 0	9 9	10 0	10 0	...	Hamírpur	
	Hamírpur	16 0	15 4	16 14	...	20 4	22 8	10 0	10 0	11 4	...	...	16 14	27 0	25 0	20 4	25 0	24 0	23 6		24 0	22 9	29 10	120 0	120 0	141 4	9 11	9 11	...	9 9	9 9	8 15	Jaunpur	
	Jaunpur	19 0	19 0	21 3	30 5	30 5	35 5	7 1	7 1	7 12	15 8	14 2	16 15	...	...	...	19 12	16 15	15 6		25 8	25 3	26 0	37 12½	160 0	160 0	120 0	11 13	11 13	...	10 6½	10 6½	8 6½	Gorakhpur	
	Gorakhpur	18 13	18 0	21 9½	27 0	27 0	50 6½	13 8	14 6½	14 6½	18 0	18 0	24 5	36 0	41 6½	46 12½	...	...	28 12½		No return received												Basti	
	Basti	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		22 10	20 10	29 8	181 0	140 0	147 8	10 8	10 8	7 15	10 0	10 0	9 3	Azamgarh	
	Azamgarh	17 11	17 11	22 2	27 12	27 5	38 10	11 9	11 9	8 14	17 11	17 11	17 7	...	...	...	...	...	...		21 0	21 0	22 0	100 0	100 0	100 0	10 0	9 0	9 0	8 0	8 0	8 0	Mirzapur	
	Mirzapur	15 0	15 0	17 0	21 0	20 0	25 0	10 0	10 0	10 0	15 0	16 0	19 0	26 0	26 0	28 0	24 0	25 0	26 0		21 11	22 4	23 5	140 0	140 0	120 0	11 4	11 4	...	10 2	10 2	7 14	Benares	
	Benares	16 8	16 13	17 10	25 3	24 15	27 10½	11 6	11 6	12 12	16 4	16 4	21 2	26 0	26 8½	24 15	27 2	27 10	29 4		25 12	25 12	28 15	130 0	130 0	154 8	11 0	10 15½	10 0	9 10½	9 10¼	8 11	Gházipur	
	Gházipur	17 6	18 0	19 10	27 11	27 0¼	38 10	10 15½	10 15½	10 15	16 1½	16 1½	17 6	25 12	25 12	36 0	21 14	20 9½	31 8		25 0	25 0	25 0	100 0	100 0	100 0	12 0	12 0	11 4	11 4	11 4	...	Balia	
	Balia	16 4	16 4	18 12	27 8	27 8	37 8	10 0	10 0	10 0	15 0	15 0	21 4	...	...	...	...	...	...		18 12	17 11	22 7	150 0	150 0	150 0	12 12	12 12	12 0	11 12	11 12	11 0	Pilibhít	
	Pilibhít	18 13	19 0	21 4	28 0	27 4	37 8	15 0	15 0	15 0	17 9	16 4	17 8	25 0	...	...	...	...	...															
Oudh.	Lucknow	17 4½	16 9	18 8	24 8	23 4	27 8	10 0	6 0	6 0	6 0	6 0	14 11	14 2	14 8	23 8	22 10	25 4	23 14	22 13	24 8		21 6	21 0	20 12	110 0	115 0	130 0	10 8	10 0	9 0	10 0	9 8	8 8	Lucknow	Oudh.
	Unáo	18 8	18 0	18 0	26 0	26 0	25 8	10 0	10 0	10 0	14 8	15 0	16 0	50 0	...	33 8	...	...	22 0		23 0	23 0	19 8	160 0	160 0	160 0	...	...	...	11 8	11 0	9 0	Unáo	
	Bára Banki	17 8	17 8	18 12	25 0	25 0	30 0	11 0	11 0	9 0	15 0	16 0	15 0	30 0	31 0	40 0	20 0	20 0	20 0		22 0	22 0	24 0	130 0	130 0	130 0	12 0	12 0	12 0	10 0	10 0	9 0	Bára Banki	
	Sitapur	19 4	19 2	23 4	27 0	25 5	21 0	8 0	8 0	8 0	15 0	15 6	20 12	...	...	18 0	20 0	20 0	23 12		21 0	21 0	27 8	160 0	160 0	160 0	11 8	12 0	...	10 8	10 8	9 8	Sitapur	
	Hardoi	16 14	16 4	20 5	23 15	23 7	33 12	5 10	5 10	5 10	11 0	11 0	13 2	...	21 9	...	...	22 8	...		18 12	18 12	23 7	200 0	240 0	240 0	9 6	9 6	8 7	7 8	7 8	8 8	Hardui	
	Kheri	19 0	19 4	24 0	25 0	27 0	34 0	8 0	7 0	9 0	16 8	16 0	18 0	28 0	29 0	...	...	...	...		19 0	18 0	25 0	160 0	160 0	200 0	11 0	11 0	11 0	10 0	10 0	10 0	Kheri	
	Fyzabad	17 6	16 12	19 0	27 8	27 0	31 0	11 0	10 8	10 4	18 0	17 4	15 0	40 0	31 0	39 8	...	...	...		24 0	22 12	25 8	140 0	140 0	120 0	11 0	11 0	8 12	10 0	10 0	8 0	Fyzabad	
	Bharaich	16 0	16 0	19 0	30 0	32 0	38 0	9 0	9 0	9 0	17 0	17 0	16 0	36 0	34 0	50 0	13 0	13 0	16 0		25 0	26 0	25 0	160 0	160 0	160 0	...	...	...	9 8	9 0	8 4	Bharaich	
	Gonda	19 12	19 10	22 5	29 8	31 0	39 0	16 0	15 12	15 12	18 2	17 12	17 12	36 0	36 14	18 0	24 0	22 12	20 0		27 2	26 13	27 12	240 0	240 0	200 0	11 4	11 8	...	11 0	11 4	8 12	Gonda	
	Rai Bareli	19 8	19 0	19 1	26 0	25 0	22 0	...	...	...	16 8	16 8	16 0	24 0	24 0	...	20 0	20 0	...		20 4	20 0	18 8	160 0	160 0	160 0	...	...	...	9 0	9 0	8 0	Rai Bareli	
	Sultánpur	19 8	19 0	20 12	31 0	29 0	30 0	11 0	11 0	10 0	17 8	17 8	16 8	...	...	...	16 0	16 8	15 0		25 0	26 0	23 0	160 0	160 0	160 0	11 4	11 0	9 0	11 8	11 8	9 12	Sultánpur	
	Partábgarh	19 1	19 5	20 12	29 13	26 5	32 6	16 7	16 2	18 6	17 15	17 10	19 10	...	...	...	28 0	...	...		21 13	21 10	22 0	200 0	200 0	200 0	11 0	11 0	11 0	10 10	10 8	8 8	Partábgarh	
Punjab.	Delhi	18 8	17 4	19 0	24 8	22 8	27 0	...	...	...	13 0	13 8	13 0	26 0	24 0	24 0	20 0	18 0	20 0		22 8	21 8	21 12	80 0	80 0	80 0	12 8	12 8	...	11 8	11 8	11 8	Delhi	Punjab.
	Gurgáon	20 0	19 0	21 0	27 0	25 0	29 0	...	...	...	13 0	13 0	13 0	26 0	25 0	24 0	24 0	22 0	22 0		24 0	23 8	23 0	120 0	130 0	130 0	11 4	11 4	...	12 0	12 0	10 0	Gurgáon	
	Karnál	20 8	19 0	20 0	31 0	28 0	34 0	...	...	...	12 0	12 0	12 0	30 0	27 0	30 0	18 0	16 0	25 0		26 0	25 0	27 0	160 0	160 0	160 0	11 8	11 8	...	11 4	11 4	10 0	Karnál	
	Hissar	17 8	17 0	20 0	32 0	30 0	26 0	...	...	...	10 0	10 0	10 0	32 0	30 0	30 0	28 0	26 0	26 0		29 0	26 0	32 0	80 0	80 0	100 0	10 8	10 8	...	10 8	10 8	10 0	Hissar	
	Rohtak	17 12	17 12	21 8	25 0	25 0	25 0	...	...	...	9 0	9 0	12 0	25 0	25 0	30 0	25 0	25 0	24 0		25 0	25 0	28 0	100 0	100 0	100 0	11 1	11 1	...	10 5	10 5	10 8	Rohtak	
	Sirsa	21 0	21 0	39 0	39 0	38 0	35 0	...	...	...	12 0	12 0	12 0	40 0	38 0	30 0	32 0	30 0	25 0		25 0	25 0	32 0	120 0	120 0	120 0	11 0	11 8	...	10 8	11 0	8 0	Sirsa	
	Umballa [a]	23 0	22 8	20 12	30 0	28 0	23 0	...	...	...	12 0	12 0	12 0	32 0	27 0	26 0	25 0	20 0	20 0		38 0	37 0	32 0	140 0	140 0	160 0	13 10	...	...	13 8	13 8	11 4	Umballa	
	Ludhiána [b]	24 0	26 0	20 0	34 0	34 0	30 0	...	...	...	12 0	12 0	11 0	38 0	40 0	27 0	20 0	25 0	20 0		27 12	26 8	23 8	100 0	100 0	100 0	13 12	14 10	...	14 8	14 8	11 8	Ludhiana	
	Simla	15 8	...	16 0	...	...	...	...	...	...	...	...	10 0	...	...	...	...	...	...		30 8	30 8	26 0	100 0	80 0	100 0	10 8	10 12	...	9 11	10 1	8 4	Simla	
	Jullundur	24 12	23 0	21 8	34 0	37 0	32 0	...	...	...	8 0	8 0	8 0	32 0	32 0	27 0	19 0	20 0	18 0		18 4	16 12	16 0	80 0	80 0	100 0	14 4	14 4	...	13 4	13 12	11 8	Jullundur	
	Hoshiárpur [c]	25 8	24 8	21 8	25 0	35 0	34 0	...	...	...	11 0	11 0	10 0	30 0	29 0	28 0	17 0	22 0	20 0		28 2	28 8	26 0	100 0	100 0	100 0	13 12	14 0	...	13 8	13 12	11 8	Hoshiarpur	
	Kangra	24 0	24 0	22 0	40 0	40 0	34 0	...	...	...	15 0	15 0	14 0	...	...	...	...	...	...		28 0	28 8	23 0	100 0	100 0	100 0	10 8	10 8	...	10 0	10 0	9 0	Kangra	
																					21 0	21 0	18 0	140 0	140 0	160 0	10 8	10 8	...	10 0	10 0	9 0		

* Mandwa: Present 35 seers, past 35 seers, corresponding 25 seers. [a] Jowar falling. [b] Bajra rising. [c] Barley and bajra rising

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT INDIA FOR THE 1st HALF OF SEPTEMBER 1882—*continued.*

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

PROVINCES.	DISTRICTS.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholum, Jowari), *Holcus Sorghum.* Present fortnight.	Great Millet (Cholum, Jowari), *Holcus Sorghum.* Past fortnight.	Great Millet (Cholum, Jowari), *Holcus Sorghum.* Corresponding fortnight of 1881.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.* Present fortnight.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.* Past fortnight.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.* Corresponding fortnight of 1881.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
PUNJAB—*continued.*	Amritsar	25 8	24 8	20 8	41 0	39 0	29 8	...	...	...	11 8	11 8	11 0	29 4	29 4	26 8	22 8	22 8	16 8
	Siálkot	26 0	24 0	20 0	41 0	39 0	31 0	...	...	...	14 0	15 0	12 8	27 0	27 0	21 0	21 0	21 0	16 0
	Gurdáspur	30 0	30 0	23 0	40 0	40 0	28 0	...	...	...	16 0	16 0	12 0	24 0	24 0	16 0	14 0	14 0	13 0
	Lahore [a]	24 0	23 0	20 0	38 0	36 0	27 0	...	...	...	11 0	11 0	9 0	32 0	28 0	20 0	24 0	24 0	13 0
	Ferozepore [b]	24 0	22 8	19 8	39 0	33 0	32 0	...	...	...	11 0	11 0	10 0	...	35 0	...	...	...	...
	Gujránwála	26 0	24 0	20 0	40 0	38 0	32 8	...	...	...	13 0	13 0	13 0	22 0	22 0	20 0	20 0	20 0	14 0
	Ráwalpindi [c]	21 8	20 0	13 8	33 0	30 0	24 0	...	...	...	11 8	8 12	7 0	31 0	30 12	19 0	24 0	24 0	17 12
	Jhelum	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Gujrát	25 8	24 12	19 4	43 0	41 0	30 8	...	...	...	12 0	12 0	8 0	27 0	25 0	19 8	28 8	28 0	18 0
	Shahpúr	20 12	20 12	15 8	32 0	32 0	24 0	...	...	...	13 0	13 0	11 0	22 0	20 0	17 0	21 0	20 0	16 0
	Mooltan	17 0	17 0	14 4	29 0	28 0	19 8	...	...	...	10 0	10 0	9 0	30 0	28 0	20 0	24 0	24 0	14 0
	Jhang [d]	20 0	19 0	15 8	31 0	32 0	24 0	...	...	...	11 0	11 0	9 0	20 0	24 0	16 0	18 0	18 0	16 0
	Montgomery	20 0	19 0	15 8	24 0	24 0	20 0	...	...	...	5 8	5 8	5 8	20 0	20 0	0 ...	16 0	16 0	0 ...
	Muzaffargarh	18 8	18 8	15 8	26 0	26 0	21 0	...	...	...	7 0	7 0	5 0	18 0	18 0	14 0	18 0	18 0	14 0
	Dera Ismail Khán	19 3	19 4	16 15	27 8	27 8	27 14	28 6	...	...	9 1	8 12	7 8	30 6	30 0	30 0	25 1	22 8	20 3
	Dera Ghazi Khán	17 8	17 8	15 0	20 0	20 0	25 0	8	...	...	7 8	7 8	7 8	21 4	21 4	17 8	20 0	20 0	16 4
	Bannu [e]	30 10	30 0	18 12	42 8	41 14	32 8	...	...	...	10 0	8 12	6 9	35 0	37 8	20 0	30 0	25 0	20 0
	Peshawar	19 0	19 8	10 12	35 12	35 12	24 12	...	...	...	9 8	9 8	6 0	27 0	29 0	16 11	14 0	14 0	9 8
	Kohát [f]	17 8	17 8	13 1	31 14	31 14	23 10	...	...	...	11 8	12 2	9 0	21 10	22 14	16 9	21 10	21 10	...
	Házara	...	13 4	13 12	40 0	40 0	31 0	...	...	...	13 0	12 0	9 8	...	...	21 8	...	...	...
CENTRAL PROVINCES.	Nágpur	17 0	17 0	16 0	...	...	...	9 8	8 10	8 8	8 8	16 0	16 4	15 0	26 12	25 4	28 12	...	...	...
	Bhandára	18 4	19 0	20 0	...	...	...	10 8	10 0	9 12	21 4	20 8	16 8	22 8	24 0	20 8	...	...	...
	Chánda	19 0	18 0	20 0	...	...	...	...	...	...	13 0	12 0	11 8	24 0	23 0	32 0	...	...	...
	Wardha	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bálaghát	17 0	17 0	22 8	...	...	...	15 0	15 0	15 0	27 0	27 0	25 0	...	...	...	...	...	...
	Jubbulpore	16 0	16 12	18 8	21 0	22 0	17 0	10 0	9 0	9 0	13 0	14 0	15 0	16 0	17 0	28 0	15 0	15 0	19 0
	Saugor	18 8	18 0	34 8	...	...	...	8 0	8 0	9 0	9 0	9 0	9 0	...	...	...	...	...	...
	Damoh	22 8	22 0	49 0	...	...	...	14 8	13 12	12 12	15 0	14 8	13 12	...	...	...	...	...	...
	Seoni	19 0	19 0	24 0	...	...	...	13 8	13 0	11 8	19 0	18 0	19 0	...	...	...	...	...	...
	Mandla	19 0	19 0	32 0	...	...	...	14 0	14 8	17 0	19 8	19 0	22 8	...	...	...	...	...	...
	Betúl	16 0	16 0	28 0	...	...	...	9 0	9 0	13 0	10 0	10 0	14 0	20 0	20 0	12 0	...	...	...
	Chhindwara	17 0	17 0	25 0	...	...	...	8 0	8 0	9 0	13 0	12 0	15 0	22 0	22 0	40 0	...	...	...
	Hoshangabad	15 7	15 7	17 6	...	...	...	4 8	4 8	4 0	11 4	10 13	7 8	23 10	21 6	28 8	23 10	18 0	17 0
	Narsinghpur	15 8	15 8	18 0	...	...	...	10 0	10 0	10 0	12 0	12 0	11 8	30 0	27 7	45 0	25 0	22 4	30 0
	Nimár	16 0	14 10	16 0	...	...	...	...	...	...	21 8	40 0	39 8	...	...	...	...	...	...
	Raipur	27 0	26 0	34 8	...	...	...	20 0	20 0	21 8	32 0	44 0	44 0	43 0	...	...	...	...	...
	Sambalpur	22 12	22 12	26 0	...	...	...	35 0	35 0	32 0	44 0	44 0	43 0	...	...	...	...	...	...
	Bilaspur	45 0	45 0	72 0	...	...	...	54 0	45 0	54 0	84 0	72 0	72 0	...	...	...	...	...	...
LOWER BURMA.	*Arakan Division.*																		
	Akyab																		
	Northern Arakan																		
	Kyoukpyoo																		
	Sandoway																		
	Pegu Division.																		
	Rangoon town and Hanthawaddy																		
	Tharrawaddy																		
	Prome																		
	Irrawaddy Division.																		
	Henzada	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bassein																		
	Thonegwa																		
	Thayetmyo																		
	Tenasserim Division.																		
	Moulmein town and Amherst																		
	Tavoy																		
	Mergui																		
	Toungoo																		
	Shwaygyin																		
	Salween																		
HYDERABAD ASSIGNED DISTRICTS.	Secunderabad	17 12	17 4	15 5	...	...	...	7 14	7 8	7 2	9 13	9 13	9 13	25 14	24 14	24 14	...	27 0	...
	Bolarum	19 7	18 10	16 11	...	...	...	7 6	7 6	8 1	9 8	9 4	9 5	29 9	28 4	25 11	...	...	...
	Chudderghat	14 0	13 8	11 8	...	...	...	7 0	7 0	6 8	9 8	9 8	9 0	28 0	27 0	27 0	33 0	33 0	33 0
	Amraoti	16 0	16 0	16 0	11 0	11 0	9 8	8 0	8 0	7 0	10 0	10 0	10 0	28 0	26 0	40 0	18 0	18 0	26 0
	Akola	17 0	16 0	16 0	...	...	...	7 0	7 0	8 0	10 0	10 0	10 0	31 0	30 0	46 0	16 0	21 0	24 0
	Ellichpur	15 0	15 0	18 0	12 0	12 0	12 0	8 0	8 0	6 0	12 0	12 0	12 0	33 0	32 0	52 0	28 0	28 0	35 0
	Buldana	17 0	17 0	21 0	...	...	...	...	...	...	11 0	11 0	11 0	28 0	28 0	36 0	...	...	...
	Wun	14 0	13 8	17 0	...	...	...	7 0	7 0	7 0	10 8	10 8	10 0	28 0	34 0	48 0	...	...	...
	Basim	20 0	20 0	21 0	...	...	...	5 0	5 4	5 4	13 8	12 0	14 0	31 0	34 0	48 0	...	...	...

[a] Jowar falling. [b] Barley falling. [c] Firewood falling. [d] Jowar rising.

PROVINCES.	DISTRICTS.	Lesser Millets, Ragi, &c. (Kavaru, Verago, Sawee, Cheena, Coraloo, Murwa, Nuglee), *Panicum Miliaceum, &c.* Present fortnight.	Lesser Millets, Ragi, &c. (Kavaru, Verago, Sawee, Cheena, Coraloo, Murwa, Nuglee), *Panicum Miliaceum, &c.* Past fortnight.	Lesser Millets, Ragi, &c. (Kavaru, Verago, Sawee, Cheena, Coraloo, Murwa, Nuglee), *Panicum Miliaceum, &c.* Corresponding fortnight of 1881.	Gram. Present fortnight.	Gram. Past fortnight.	Gram. Corresponding fortnight of 1881.	Firewood. Present fortnight.	Firewood. Past fortnight.	Firewood. Corresponding fortnight of 1881.	Salt. Wholesale. Present fortnight.	Salt. Wholesale. Past fortnight.	Salt. Wholesale. Corresponding fortnight of 1881.	Salt. Retail. Present fortnight.	Salt. Retail. Past fortnight.	Salt. Retail. Corresponding fortnight of 1881.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
PUNJAB—*continued.*	Amritsar	...	...	...	32 4	30 4	23 0	80 0	80 0	80 0	14 12	14 12	...	14 6	14 6	12 0
	Siálkot	...	...	...	25 8	24 0	19 8	130 0	140 0	100 0	15 0	15 0	...	14 0	14 8	12 4
	Gurdáspur	...	...	...	31 0	32 0	22 0	120 0	120 0	120 0	13 8	13 4	...	13 0	13 0	10 8
	Lahore	...	...	...	29 0	28 8	20 8	80 0	80 0	70 0	15 0	15 0	...	14 0	14 0	10 0
	Ferozepore	...	...	...	34 0	32 0	27 8	100 0	80 0	100 0	13 0	13 8	...	13 0	13 0	11 8
	Gujránwála	...	...	...	26 8	26 0	20 8	95 0	95 0	95 0	15 4	15 4	...	15 0	15 0	12 4
	Ráwalpindi	...	...	...	23 4	22 6	17 8	95 0	80 0	52 0	14 12	14 12	...	14 8	14 8	12 0
	Jhelum	...	...	...	...	...	...	...	...	...	...	...	...	No return received		
	Gujrát	...	...	...	24 8	24 4	19 10	100 0	100 0	100 0	...*	...*	...	15 0	15 0	12 2
	Shahpúr	...	...	...	24 0	23 8	19 0	320 0	320 0	320 0	17 0	17 0	...	16 0	16 0	14 0
	Mooltan	...	...	...	23 8	23 0	18 0	90 0	90 0	80 0	14 12	14 12	...	14 8	14 8	12 0
	Jhang	...	...	...	22 0	22 0	17 0	200 0	200 0	200 0	15 4	15 2	...	15 0	15 0	12 8
	Montgomery	...	...	...	26 0	28 0	18 0	200 0	200 0	200 0	12 0	12 0	...	11 0	11 0	10 0
	Muzaffargarh	...	...	...	19 8	21 0	15 0	120 0	120 0	100 0	...*	...*	...	12 0	12 0	12 0
	Dera Ismail Khán	...	...	...	24 0	25 0	27 3	100 0	100 0	100 0	55 0	55 0	...	53 0	53 0	50 0
	Dera Ghazi Khán	...	...	...	18 12	19 6	18 2	100 0	100 0	125 0	31 4	31 4	...	27 8	28 12	26 4
	Bannu	...	...	...	30 10	29 6	29 6	80 0	80 0	80 0	120 0	120 0	...	100 0	100 0	80 0
	Peshawar	...	...	...	16 8	16 8	13 6	96 0	100 1	66 0	55 4	58 8	...	53 0	56 0	40 0
	Kohát	...	...	...	16 9	15 15	16 9	102 0	76 8	63 12	96 15	99 8	...	84 0	85 0	51 0
	Házara	...	...	...	...	20 0	13 4	70 0	80 0	220 0	...	12 0	...	12 0	12 0	9 12
CENTRAL PROVINCES.	Nágpur	...	...	...	19 4	19 4	21 4	150 0	150 0	120 0	11 8	11 8	10 8	11 4	11 4	10 4
	Bhandára	...	...	...	19 8	22 8	25 8	...	...	...	11 0	11 0	9 8	10 12	10 12	9 0
	Chánda	...	...	...	27 0	24 0	21 0	360 0	360 0	360 0	...	...	...	9 8	9 8	8 0
	Wardha	...	...	...	...	...	...	...	...	...	...	...	...	No return received		
	Bálaghát	...	...	...	32 0	32 0	32 0	275 0	275 0	275 0	10 0	10 0	...	10 0	10 0	9 0
	Jubbulpore	...	...	...	25 0	25 0	31 0	120 0	120 0	110 0	11 12	11 12	...	11 8	11 8	9 12
	Saugor	42 8	...	...	28 8	23 8	40 0	160 0	160 0	120 0	8 12	...	...	8 8	8 8	7 4
	Damoh	...	...	...	35 0	34 0	63 0	200 0	200 0	200 0	9 12	9 0	6 12	9 8	9 0	6 8
	Seoni	...	...	...	16 0	16 0	37 0	210 0	210 0	230 0	11 0	11 0	6 8	10 12	10 12	6 8
	Mandla	28 8	25 0	35 0	35 0	35 0	70 0	256 0	256 0	256 0	...	...	...	9 8	9 8	6 4
	Betúl	14 0	14 0	27 0	15 0	16 0	40 0	240 0	240 0	240 0	8 8	9 0	9 8	8 0	8 8	6 8
	Chhindwára	18 0	17 0	25 0	21 0	21 0	40 0	200 0	200 0	200 0	10 0	10 0	9 0	9 0	9 0	9 0
	Hoshangabad	...	...	...	21 6	22 10	26 8	160 0	160 0	120 0	9 8	9 8	...	9 0	9 0	8 0
	Narsinghpur	...	...	...	25 0	25 0	38 0	160 0	160 0	160 0	10 8	10 8	7 8	10 0	10 0	7 4
	Nimár	...	...	...	18 0	18 0	27 1	120 0	92 8	160 0	13 0	13 0	10 0	12 12	12 12	9 8
	Raipur	...	...	...	30 0	30 0	30 0	64 0	70 0	60 0	9 6	9 6	7 8	8 12	8 12	7 8
	Sambalpur	...	...	...	28 8	28 8	26 0	110 0	110 0	140 0	10 0	10 0	10 0	9 0	9 0	9 0
	Bilaspur	150 0	150 0	140 0	56 0	40 0	64 0	120 0	120 0	120 0	...	...	...	7 0	7 0	7 0
LOWER BURMA.	*Arakan Division.*															
	Akyab															
	Northern Arakan															
	Kyoukpyoo															
	Sandoway															
	Pegu Division.															
	Rangoon town and Hanthawaddy															
	Tharrawaddy															
	Prome															
	Irrawaddy Division.															
	Henzada	...	...	...	...	...	...	...	...	...	...	...	...	No return received		
	Bassein															
	Thonegwa															
	Thayetmyo															
	Tenasserim Division.															
	Moulmein town and Amherst															
	Tavoy															
	Mergui															
	Toungoo															
	Shwaygyin															
	Salween															
HYDERABAD ASSIGNED DISTRICTS.	Secunderabad	...	...	...	18 4	18 4	20 1	125 0	125 0	125 0	10 11	10 11	9 7	10 3	10 3	9 0
	Bolarum	...	...	...	20 9	20 4	21 11	116 14	116 14	116 14	...	...	...	10 12	10 12	9 5
	Chudderghat	...	...	...	20 0	19 0	20 0	80 0	80 0	80 0	...	...	...	9 8	9 8	8 8
	Amraoti	...	...	...	19 0	19 0	22 0	64 0	64 0	70 0	12 0	12 0	10 8	11 8	11 0	10 0
	Akola	7 8	7 8	7 8	23 0	22 0	24 0	64 0	64 0	64 0	11 0	11 0	9 8	10 0	10 0	9 0
	Ellichpur	...	...	...	17 0	18 0	22 0	64 0	64 0	64 0	...	...	...	11 0	11 0	10 0
	Buldana	...	...	...	22 0	22 0	33 0	...	...	...	...	...	...	10 0	10 0	9 0
	Wun	...	...	...	20 0	20 0	22 0	100 0	100 0	100 0	...	...	...	8 0	8 0	8 0
	Basim	...	...	...	25 0	26 0	27 0	64 0	64 0	64 0	9 8	8 8	8 8	9 0	8 4	8 0

[e] Bajra falling. [f] Barley and bajra rising. * No wholesale salt sold.

PROVINCES.	DISTRICTS.
PUNJAB—*continued.*	Amritsar
	Siálkot
	Gurdáspur
	Lahore
	Ferozepore
	Gujránwála
	Ráwalpindi
	Jhelum
	Gujrát
	Shahpúr
	Mooltan
	Jhang
	Montgomery
	Muzaffargarh
	Dera Ismail Khán
	Dera Ghazi Khán
	Bannu
	Peshawar
	Kohát
	Házara
CENTRAL PROVINCES.	Nágpur
	Bhandára
	Chánda
	Wardha
	Bálaghát
	Jubbulpore
	Saugor
	Damoh
	Seoni
	Mandla
	Betúl
	Chhindwára
	Hoshangabad
	Narsinghpur
	Nimár
	Raipur
	Sambalpur
	Bilaspur
LOWER BURMA.	*Arakan Division.*
	Akyab
	Northern Arakan
	Kyoukpyoo
	Sandoway
	Pegu Division.
	Rangoon town and Hanthawaddy
	Tharrawaddy
	Prome
	Irrawaddy Division.
	Henzada
	Bassein
	Thonegwa
	Thayetmyo
	Tenasserim Division.
	Moulmein town and Amherst
	Tavoy
	Mergui
	Toungoo
	Shwaygyin
	Salween
HYDERABAD ASSIGNED DISTRICTS.	Secunderabad
	Bolarum
	Chudderghat
	Amraoti
	Akola
	Ellichpur
	Buldana
	Wun
	Basim

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT INDIA FOR THE 1st HALF OF SEPTEMBER 1882 —*concluded.*

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

Provinces.	Districts.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholum, Jowari, *Holcus Sorghum*. Present fortnight.	Great Millet (Cholum, Jowari, *Holcus Sorghum*. Past fortnight.	Great Millet (Cholum, Jowari, *Holcus Sorghum*. Corresponding fortnight of 1881.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata*. Present fortnight.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata*. Past fortnight.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata*. Corresponding fortnight of 1881.	Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Coraloo, Murhwa, Nuglee), *Panicum Miliaceum*, &c. Present fortnight.	Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Coraloo, Murhwa, Nuglee), *Panicum Miliaceum*, &c. Past fortnight.	Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Coraloo, Murhwa, Nuglee), *Panicum Miliaceum*, &c. Corresponding fortnight of 1881.	Gram. Present fortnight.	Gram. Past fortnight.	Gram. Corresponding fortnight of 1881.	Firewood. Present fortnight.	Firewood. Past fortnight.	Firewood. Corresponding fortnight of 1881.	Salt. Wholesale. Present fortnight.	Salt. Wholesale. Past fortnight.	Salt. Wholesale. Corresponding fortnight of 1881.	Salt. Retail. Present fortnight.	Salt. Retail. Past fortnight.	Salt. Retail. Corresponding fortnight of 1881.	Districts.	Provinces.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.		
Mysore.	Bangalore	10 11	11 2	11 12	12 5	12 11	12 12	9 14	9 14	10 3	11 1	11 2	11 8	27 14	26 5	25 12	...	...	...	26 12	26 7	25 12	30 5	31 0	33 2	96 0	96 0	84 0	13 8	13 0	10 8	13 0	12 12	10 0†	Bangalore	Mysore.
	Kolar	..	...	...	11 1	10 2	11 1	15 15	13 15	10 12	15 3	15 3	13 5	...	...	..	...	...	...	32 2	32 2	32 0	34 3	33 1	36 8	172 6	172 6	172 6	13 8	13 8	11 5	13 3	13 3	11 1†	Kolar	
	Túmkúr	14 0	14 0	16 0	12 8	12 8	12 0	12 0	12 0	12 0	13 0	13 0	13 0	...	...	..	...	...	...	35 0	32 0	35 0	39 0	37 0	39 0	340 0	340 0	340 0	12 8	12 8	9 8	12 0	12 0	9 0†	Túmkúr	
	Mysore	12 0	12 0	10 8	...	...	11 0	10 12	11 1	10 0	11 4	11 12	10 8	24 0	24 0	...	...	...	...	21 0	22 0	20 0	30 0	30 0	30 0	72 0	72 0	84 0	8 8	8 8	7 10	8 4	8 4	7 ×†	Mysore	
	Hassan	10 8	10 8	12 0	11 0	11 0	13 0	10 0	10 8	12 0	11 0	11 8	13 0	...	...	...	...	...	...	24 0	24 0	28 0	30 0	27 0	32 0	500 0	600 0	600 0	...	...	...	8 0	9 0	7 8	Hassan	
	Shimoga	13 10	12 10	12 10	14 11	13 10	13 10	11 9	10 8	10 8	13 10	12 10	12 10	29 6	31 8	36 12	...	...	...	29 15	31 0	38 14	30 7	29 6	35 3	480 0	480 0	480 0	11 0	11 0	...	10 8	10 8	8 15†	Shimoga	
	Kadur	15 0	15 0	9 0	14 0	11 0	12 0	11 0	11 0	14 0	14 0	13 0	16 0	...	...	...	...	...	...	25 0	25 0	29 0	23 0	23 0	32 0	64 0	64 0	64 0	...	...	...	11 0	11 0	9 0†	Kadur	
	Chitaldroog	14 0	14 0	14 0	16 0	16 0	16 0	11 0	11 0	11 0	13 0	13 0	12 0	10 0	36 0	44 0	28 0	28 0	28 0	40 5	40 0	45 5	30 0	30 0	32 0	100 0	100 0	100 0	10 0	12 0	16 0	10 0	12 0	16 0‡	Chitaldroog	
Coorg.	Coorg	8 14	8 14	7 11	8 7	8 6	8 14	10 10	10 3	10 6	13 10	13 3	14 14	...	...	...	...	...	...	21 5	20 13	23 0	22 2	21 5	25 0	110 0	110 0	110 0	8 10	8 10	...	8 2	8 3	8 0	Coorg	Coorg.
Rajpootana.	Jeypore	16 4	16 0	16 0	22 0	22 0	24 0	6 0	6 0	6 0	9 0	9 0	9 0	20 0	20 0	24 0	19 0	19 0	19 0	...	...	...	19 0	18 0	18 0	...	...	...	14 4	14 4	...	14 0	14 0	12 8	Jeypore	Rajpootana.
	Kishengurh	17 0	17 0	17 8	24 8	27 0	27 0	8 0	8 0	8 8	10 0	10 0	9 0	24 0	24 0	26 8	20 8	20 8	20 8	...	...	...	21 8	21 8	26 8	...	...	...	...	...	...	16 8	16 0	12 8	Kishengurh	
	Kerrowlee	17 13	16 0	16 0	22 8	18 8	20 0	12 8	12 8	11 8	13 8	13 8	13 0	22 8	19 0	18 0	19 10	16 10	17 0	...	...	...	22 8	18 8	17 8	...	...	...	13 14	13 1	...	13 8	13 0	10 8	Kerrowlee	
	Ulwur	19 1	19 1	18 1	26 13	26 3	23 11	9 0	9 0	8 0	11 14	11 10	11 6	23 8	23 8	23 8	19 5	17 8	20 0	...	...	...	24 3	23 8	18 11	...	...	...	15 13	15 13	...	15 6	15 6	12 6	Ulwur	
	Bhurtpore (City)	18 3	17 8	17 0	26 0	23 8	22 0	6 8	6 8	6 8	11 0	11 0	7 0	22 3	22 0	19 8	17 3	17 8	19 0	...	...	...	23 0	22 8	19 8	...	...	...	12 4	12 1	...	12 0	11 8	11 8	Bhurtpore (City)	
	Ajmere	15 0	15 8	17 8	23 12	23 0	27 8	5 0	5 0	5 0	8 0	8 0	8 0	18 0	18 0	25 0	18 0	17 0	20 0	...	...	...	22 0	21 8	21 8	70 0	70 0	60 0	...	...	...	15 0	15 0	12 0	Ajmere	
	Deoli Cantonment	17 5	16 1	19 9	22 5	20 5	23 0	...	...	...	10 8	10 8	9 2	20 0	20 0	23 0	20 12	20 12	23 12	...	...	...	21 10	20 4	22 9	...	...	...	...	...	...	12 12	12 12	11 0	Deoli Cantonment	
																													Rs. A. P.	Rs. A. P. per md.	Rs. A. P.					
Meywar.	Erinpura	16 12	16 12	17 13	28 9	28 9	30 0	...	...	...	8 0	8 0	8 0	20 9	20 9	23 8	24 11	24 15	23 8	...	...	...	22 8	22 8	22 14	160 0	160 0	160 0	3 1 2	3 1 2	...	12 0	12 0	11 0	Erinpura	Meywar.
	Sirohee	15 0	17 0	18 0	25 0	28 0	27 0	7 0	7 0	6 8	8 0	8 0	8 0	17 0	18 0	18 0	20 0	21 0	23 0	...	...	...	21 0	22 0	24 0	160 0	160 0	160 0	3 0 0	3 0 0	...	12 5	12 5	11 7	Sirohee	
	Abu	15 4	15 10	15 10	23 0	23 0	23 12	6 8	6 8	5 8	8 0	8 0	7 12	...	...	...	18 0	18 0	17 12	...	...	...	21 4	21 8	16 8	160 0	160 0	160 0	3 8 0	3 8 0	...	11 8	11 8	10 8	Abu	
	Anadra	17 0	17 12	17 6	26 0	26 0	27 0	7 0	7 0	6 0	9 0	9 0	8 8	...	...	...	...	...	...	...	...	...	24 0	24 12	18 12	...	...	...	3 4 0	3 4 0	...	12 4	12 4	11 8	Anadra	
	Hilly Tracts of Meywar	20 0	20 0	25 0	25 0	24 0	38 0	...	...	...	16 0	18 0	16 0	...	...	...	20 0	20 0	20 8	...	...	...	23 0	23 0	34 0	*	*	*	...	...	...	10 0	10 0	9 0	Hilly Tracts of Meywar	
																													S. Ch.	S. Ch.	S. Ch.					
	Meywar (Oodeypore)	14 10½	15 8	14 13½	19 8½	19 14½	19 21	9 12½	10 2½	7 13	...	...	...	...	...	...	...	...	...	...	...	...	16 0½	16 0½	14 13½	200 0	200 0	200 0	9 12¼	9 14½	...	9 15¼	9 12	6 10½	Meywar (Oodeypore)	
	Bánswára (Meywar Agency)	21 14	21 14	21 4	...	...	...	8 12	10 0	7 8	18 12	17 8	16 4	...	...	...	...	...	...	...	...	...	35 0	35 0	30 0	...	...	...	...	...	...	11 4	11 4	9 2	Bánswára (Meywar Agency)	
	Partábgarh („)	18 0	17 10	17 8	...	...	...	10 5	10 5	7 8	12 3	12 13	11 4	...	...	...	...	...	...	...	...	...	21 9	21 9	21 4	...	...	...	...	...	...	9 11	9 11	8 2	Partábgarh („)	
																													Rs. A. P.	Rs. A. P. per md.	Rs. A. P.					
	Marwar (Jodhpore)	16 9	16 4	17 8	22 8	21 4	25 0	6 4	6 4	5 0	7 8	7 8	6 4	25 0	22 8	26 4	21 4	20 0	22 0	...	...	...	22 8	20 0	18 12	...	...	...	2 8 0	2 9 0	...	15 10	15 0	14 6	Marwar (Jodhpore)	
																													S. Ch.	S. Ch.	S. Ch.					
	Bikaneer	13 8	12 0	9 6	...	...	...	3 4	3 4	2 11	6 8	7 12	6 2	...	...	...	20 8	19 0	17 0	...	...	...	18 0	18 0	15 0	...	...	...	...	...	...	11 8	11 8	11 8	Bikaneer	
	Boondee	16 8	16 8	23 0	27 0	27 0	32 8	8 12	10 0	8 0	9 8	10 8	9 0	30 0	26 8	32 0	...	...	...	...	...	...	27 0	27 0	30 12	120 0	120 0	160 0	12 0	11 8	7 12	11 12	11 0	...	Boondee	
	Kotah	17 0	16 12	25 4	18 0	18 8	32 0	9 0	8 12	7 12	13 0	11 12	10 0	23 0	22 0	44 0	15 8	15 0	17 0	...	...	...	26 0	24 12	32 8	240 0	240 0	240 0	12 12	12 12	...	12 4	12 4	9 4	Kotah	
	Tonk	13 11	13 7	18 6	23 4	21 5	23 10	7 0	7 0	7 0	9 9	9 4	9 0	25 4	23 5	26 7	19 12	18 6	22 8	...	...	...	22 8	20 14	20 6	160 0	160 0	100 0	12 6	12 0	10 7	11 14	11 12	...	Tonk	
	Jhallawar	15 0½	15 4	21 4	15 14	15 14	27 14	...	...	...	10 2	10 2	8 13½	19 7½	19 1	28 5	14 9	13 6	18 3½	...	...	...	19 7½	21 4	24 5½	...	...	...	10 8	9 15	...	10 4	9 11½	7 1	Jhallawar	
	Shahpoora	16 1	16 0	20 0	20 4	20 6	26 8	10 2	11 2	9 8	13 12	14 8	14 4	17 8	16 12	24 0	17 9	16 2	19 1½	...	...	...	19 8	21 4	24 4	160 0	160 0	160 0	13 4	13 7	10 8	13 0	13 3	...	Shahpoora	
	Dholpur	18 8	16 10	16 10	27 4	20 4	20 10	9 2	7 14	7 14	12 6	11 12	11 13	24 7	20 3	19 3	24 0	17 14	17 10½	...	...	...	24 0	18 15	19 0	...	...	...	13 3	10 11	10 11	12 6	10 0	10 1	Dholpur	
Central India.	Indore	16 0	15 8	19 3	...	...	...	8 0	8 9	7 8	10 0	10 0	8 9	22 14	20 13	32 0	22 11	20 0	26 1	...	...	...	18 7	18 0	21 14	100 0	100 0	100 0	12 5	12 0	...	...	...	5 12	Indore	Central India.
	Gwalior	16 5	15 11	14 14	20 10	18 12	17 14	7 13	7 11	6 14	10 1	9 13	9 13	21 0	19 12	18 13	20 2	19 1	18 0½	...	...	...	22 7	20 14	16 1	109 8	100 6	91 4	...	...	...	11 14	11 14	10 1	Gwalior	
	Goona	20 4	20 4	26 8	19 0	19 0	21 0	9 8	9 8	9 8	10 0	10 0	10 0	23 0	23 0	37 8	16 0	16 0	21 0	...	...	...	25 0	25 0	34 0	200 0	200 0	200 0	11 8	11 8	...	11 0	11 0	9 4	Goona	
	Baghelkhand (Sutna)	21 0	21 0	20 9	32 0	32 0	30 0	8 0	8 0	7 0	18 0	18 0	19 0	32 0	32 0	26 0	24 0	24 0	18 0	...	...	...	30 0	30 0	26 0	160 0	160 0	160 0	12 4	12 5	...	11 10	11 12	10 9	Baghelkhand (Sutna)	

* Eight pies per bundle. † Sea Salt. ‡ Earth Salt.

DEPARTMENT OF FINANCE AND COMMERCE,
(*Statistical Branch.*)

D. M. BARBOUR,
Secretary to the Government of India.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

RAILWAY TRAFFIC.

No. XXXVI of 1882.

APPROXIMATE STATEMENT OF GROSS RECEIPTS AND EXPENSES OF INDIAN RAILWAYS.

Latest return received.	Railways.	Total mean length open.	Receipts for week ending 10th September 1881. Total.	Per mile open.	Total mean length open.	Receipts for week ending 9th September 1882. Total.	Per mile open.	Total Receipts from 1st April to 10th September 1881. Total.	Per mile open per week.	Total Receipts from 1st April to 9th September 1882. Total.	Per mile open per week.	Total Increase in 1882-83.	Total Decrease in 1882-83.
			Rs.	Rs.		Rs.	Rs	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
	Guaranteed.												
16th Sep. 1882	Eastern Bengal . .	172	1,63,039	948	172	1,63,769	952	21,11,108	524	21,27,553	539	16,445	...
9th ditto .	Oudh and Rohilkhund	547	86,880	159	547	70,809	129	21,30,078	167	21,91,114	173	61,036	...
9th ditto .	Sind, Punjab, and Delhi	676	1,49,387	221	676	1,41,056	209	37,98,955	241	40,79,446	261	2,80,491	...
9th ditto .	Madras . . .	858	1,14,364	133	861	1,16,952	136	28,41,828	142	31,73,352	160	3,31,524	...
9th ditto .	South Indian . .	655	80,100	122	655	74,756	114	17,37,549	114	17,39,117	115	1,568	...
9th ditto .	Great Indian Peninsula	1,439	4,79,647	333	1,450	3,07,780	212	1,41,09,709	419	1,45,55,705	433	4,45,996	...
9th ditto .	Bombay, Baroda, and Central India . .	444	1,01,952	230	461	1,04,112	226	43,32,205	419	45,84,406	430	2,52,201	...
	TOTAL .	4,791	11,75,369	245	4,822	9,79,234	203	3,10,61,432	278	3,24,50,693	290	13,89,261	...
	State.												
16th Sep. 1882	East Indian . .	1,504	9,78,449	651	1,507	6,37,001	423	1,84,45,292	526	1,92,04,601	551	7,59,309	...
9th ditto .	Calcutta and South-Eastern . . .	28	2,195	78	33	2,800	85	67,288	103	85,390	119	18,102	...
9th ditto .	Nalhati . . .	27	1,365	51	27	1,228	45	27,773	42	29,946	48	2,173	...
9th ditto .	Northern Bengal .	233	34,495	148	230	33,340	145	7,02,872	181	8,15,450	152	1,12,578	...
9th ditto .	Tirhoot . . .	76	7,706	101	75	9,992	133	2,50,527	134	2,79,678	149	29,151	...
9th ditto .	Patna-Gya . . .	57	24,321	427	57	6,243	110	2,04,238	154	1,95,283	148	...	8,985
16th ditto .	Muttra-Hathras . .	29	2,972	102	29	2,991	103	62,664	93	50,820	76	...	11,844
16th ditto .	Cawnpore-Furrakhabad	86	4,616	54	87	4,948	57	1,16,365	58	1,44,874	72	28,509	...
9th ditto .	Dildarnagar-Ghazipur	12	478	40	12	487	41	17,846	64	19,959	72	2,113	...
16th ditto .	Rajputana-Malwa .	1,016	1,37,738	136	1,117	1,49,385	134	35,84,070	151	43,73,640	169	7,89,570	...
9th ditto .	Wardha Coal . .	45	7,836	174	45	8,432	187	2,17,601	208	2,34,683	225	17,082	...
9th ditto .	Nagpur and Chhattisgarh . . .	53	3,813	72	98	3,286	34	1,27,531	93	2,52,769	111	1,25,238	...
2nd ditto .	Rangoon and Irrawaddy Valley . .	161	20,971	130	...	(a)...	...	(b)5,81,546	162	(c)5,92,463	166	10,917	...
16th ditto .	Sindia . . .	75	4,676	62	75	4,102	55	1,26,001	72	1,37,183	79	11,182	...
9th ditto .	Punjab Northern .	363	49,857	137	409	52,177	128	12,71,434	150	12,87,949	138	16,515	...
16th ditto .	Indus Valley and Kandahar . . .	660	80,070	121	650	1,02,033	157	19,91,981	130	18,56,469	122	...	1,35,512
16th ditto .	Muttra-Achnera .	...	...	...	23	2,312	101	...	...	29,349	55	29,349	...
	TOTAL .	2,921	3,83,109	131	2,967	3,83,756	129	93,49,787	137	1,03,85,905	143	10,36,168	...
	Native States.												
Sep. 1882	Bhavnagar-Gondal .	119	6,633	56	194	8,435	43	3,18,703	85	4,15,098	92	96,395	...
9th ditto .	Nizam's . . .	121	13,047	108	121	16,130	133	3,62,067	129	3,79,247	135	17,180	...
2nd ditto .	Mysore . . .	58	2,010	35	...	(a) ..	...	(b)60,484	47	(c)1,19,816	63	59,332	...
	TOTAL .	298	21,690	73	315	24,565	78	7,41,254	94	9,14,161	80	1,72,907	...
	GRAND TOTAL .	9,514	25,58,617	269	9,611	20,24,556	211	5,95,97,715	267	6,29,55,360	276	33,57,645	...
	GROSS ESTIMATED EXPENSES .	...	...	...	..	...	...	2,92,94,138	131	3,06,53,708	135	...	...
	NET RECEIPTS .	...	...	...	...	...	..	3,03,03,577	136	3,23,01,652	141	19,98,075	...

(a) Return not received. (b) Total receipts from 1st April to 3rd September 1881. (c) Total receipts from 1st April to 2nd September 1882.

SIMLA,
The 5th October 1882.

FRED. FIREBRACE, *Major, R.E.,*
Under-Secretary.

GOVERNMENT OF INDIA.

LEGISLATIVE DEPARTMENT.

ABSTRACT OF THE PROCEEDINGS OF THE COUNCIL OF THE GOVERNOR GENERAL OF INDIA, ASSEMBLED FOR THE PURPOSE OF MAKING LAWS AND REGULATIONS UNDER THE PROVISIONS OF THE ACT OF PARLIAMENT 24 & 25 VIC., CAP. 67.

The Council met at Government House, Simla, on Thursday, the 5th October, 1882.

PRESENT:

His Excellency the Viceroy and Governor General of India, K.G., G.M.S.I., G.M.I.E., *presiding.*
His Honour the Lieutenant-Governor of the Panjáb, K.C.S.I., C.I.E.
His Excellency the Commander-in-Chief, G.C.B., C.I.E.
The Hon'ble J. Gibbs, C.S.I., C.I.E.
Major the Hon'ble E. Baring, R.A., C.S.I., C.I.E.
Lieutenant-General the Hon'ble T. F. Wilson, C.B., C.I.E.
The Hon'ble C. P. Ilbert, C.I.E.
The Hon'ble Sir S. C. Bayley, K.C.S.I., C.I.E.
The Hon'ble T. C. Hope, C.S.I., C.I.E.
The Hon'ble C. H. T. Crosthwaite.
The Hon'ble W. C. Plowden.

PANJÁB UNIVERSITY BILL

The Hon'ble MR. GIBBS moved that the Report of the Select Committee on the Bill to establish and incorporate the University of the Panjáb be taken into consideration.

The Motion was put and agreed to.

The Hon'ble MR. GIBBS also moved that the Bill as amended be passed. He said:—

"The Bill has received the very careful attention of the Select Committee, and we are greatly indebted to His Honour the Lieutenant-Governor for the assistance he has rendered to us in our work.

"It will be seen, I think, that the great object which the promoters of the Bill had, namely, to preserve the peculiar feature of the Oriental Department of the Panjáb College, has been carried out, and the new University will be able to create an Oriental Faculty, in which degrees somewhat similar in name, but with sufficient difference to prevent their being confounded with those given by the European Faculties, will be granted to those who pass such examinations as may be finally determined on by the University, with the sanction of the Government of India.

"It will be seen that the general management of the University will be conducted in communication with the Government of the Panjáb, the sanction of the Government of India being alone confined to the making and amending of the Statutes of the University, the Rules and Regulations for examinations, and the conditions to be fulfilled by the candidates for degrees. The provision that these two points should be left for the general sanction of the Government of India will, it is considered, prove a sufficient guarantee that the degrees and distinctions are properly conferred, while all other matters may justly be left to the Lieutenant-Governor of the Panjáb, who is also Chancellor of the University.

"The Report of the Select Committee is so full, that I need not take up the time of the Council with any detailed account of the alterations we have made, but will content myself with saying that, in passing the Bill as now framed, I feel assured that the Council will be carrying out the wishes of those interested

in the scheme; and I sincerely trust that the new University may prove a blessing to the people of the Panjáb."

His Honour THE LIEUTENANT-GOVERNOR of the Panjáb said:—

"I trust the Panjáb University Bill will be passed at this sitting of Council, and that I shall be able at last to congratulate the chiefs, nobles and people of the Panjáb upon the success which has crowned their efforts after seventeen long years of waiting and working. If any proof be needed of the thorough genuineness of the demand for a University in the Panjáb, it is, I think, to be found in the steady perseverance with which, in spite of many and repeated official discouragements and refusals, this object has been pursued by the people, and the liberality with which Natives of all ranks in the Panjáb have contributed for its attainment. For the purposes of the University, there is now a sum of no less than Rs. 3,75,000 invested in Government 4 per cent. paper,—all derived from voluntary donations,—and a regular annual income of about Rs. 45,000 from interest, contributions and fees, exclusive of any support from Government. This is a magnificent illustration of the principle of self-help which Government are now beginning to insist upon as a cardinal point in their educational policy.

"The movement for a University originated in a letter of the late lamented Sir Donald Macleod, dated 10th June, 1865, in which he called for suggestions for the improvement of Oriental learning and the extension of a sound vernacular literature, by transfusing into the languages of the country the knowledge, literature and science of the West. The subject was at once taken warmly up by a literary society, called the Anjuman-i-Panjáb, which had just been founded at Lahore, under the guidance of Dr. Leitner, to whose devotion and untiring services in connection with the University movement it is impossible to give too much prominence. A separate committee of European officers, of whom I had the honour to be one, was at the same time formed at Lahore to consider the question. The suggestions for the improvement of vernacular literature were expanded by the Anjuman into a proposal for the establishment at Lahore of an Oriental University, which should be a supreme literary, examining and teaching body for Oriental literature and Western science, and which should utilize and develop the existing educational elements in the country.

"Besides endeavouring to revive an interest in Oriental learning, to teach as far as possible through the vernaculars, and to stimulate the production of original vernacular literature, one of the chief aims of the proposed University, which should never be lost sight of, was the introduction of a popular and national system of education on the principles of the Education Despatch of 1854, by giving the people a large and direct voice in the regulation of their own educational affairs. This was very strongly insisted upon by Sir Donald Macleod, who desired as far as possible to promote spontaneity of action on the part of the Native community, and who was opposed to their being too much guided by the opinions and advice of European gentlemen. In the University as now to be established, this popular element is fully secured. The learned and influential classes of the Province will, by the Statutes, be associated with the officers of Government in the promotion and supervision of popular education. The Senate will be a consulting body in all questions of education, including primary education. It will assume, in fact, the position of a Board of Education for the Panjáb, and become in educational matters an embodiment of the principles of local self-government as recently enunciated by the Government of India.

"The name of 'Oriental University,' under which the movement was first started, was in some respects an unfortunate one. It gave rise in some quarters to the belief that the movement was a reaction against high English education and an attempt to revive the controversy between Orientalists and Anglicists, which had been fought out in the time of Lord William Bentinck. To this radical misconception of its objects and aims I believe the long-continued official discouragement and the direct opposition from a limited section of the Native community, which the movement met with, to be mainly due. So difficult,

indeed, has it been to eradicate this misconception, that, only a few months ago, a number of English-speaking Natives presented to me a petition against the University on the ground that its establishment would be detrimental to high English education and lower the value of English degrees.

"In truth, however, the necessity for the highest study of English has been recognised from the very first. In one of the earliest papers published on the subject by the European Committee of support—a paper entitled 'Objects and Principles of the proposed Lahore University'—I find, for example, the following statement:—

"'It may be stated that, although the movement to which the University owes its origin has specially been termed '*Oriental*,' yet that, by the use of the term, no revival of the old warfare between the Orientalists and Anglicists is signified. While the revival of Eastern learning and the creation of a good vernacular literature will be the primary object of the University, yet English will be still considered as the natural complement of education, and of the highest value to the Native student whose mind has been thoroughly disciplined by a study of his Native classics.'

"And again:—

"'It has been stated that the present movement is in no way intended to inaugurate a reaction hostile to the present educational system. The advantages of English are so great, as the language of the ruling class, and as a vehicle for the direct communication of modern European thought and science, that it would not only be impolitic and foolish, but fatal to the success of the new University, to attempt to oppose it or limit its influence. It may, moreover, be added that the Natives of India have so keen an appreciation of the advantages they gain from a knowledge of English, that there is no fear of its study being neglected.'

"Again, at a meeting of those interested in the promotion of the objects of the University, held at Lahore on 12th March, 1868, the following resolution was passed:—

"'That education be conveyed, as far as possible, through the medium of the vernacular.

"'That, while the highest honours of the University be reserved for those who attain the highest form of education, which, it is admitted, can only at present be attained by those possessing a thorough knowledge of English, the University shall also recognize and honour literary merit and learning in the case of those unacquainted with the English language.'

"Later on, when the Panjáb University College was established, the use of English as the medium of examination and instruction in all subjects which cannot be completely taught in the vernacular, the study of English in all schools and colleges connected with the institution, and the necessity of a thorough acquaintance with English as a condition of obtaining the highest honours of the institution, were recorded among the fundamental principles in the constitution of the college, as published in the Government of India Notification No. 472, dated 8th December, 1869.

"Although, therefore, there was no good reason to fear that high English education would be neglected, it was nevertheless just and right that, before consenting to comply with the wishes of the chiefs and people of the Panjáb and to raise the University College to the status of a University with power to grant degrees, the Government of India and the Secretary of State should be thoroughly satisfied that examiners, at once competent and independent, could be obtained for a University at Lahore, that a sufficient amount of controlling public opinion could be brought to bear on teachers and examiners through the medium of the Senate, and that the tests to be applied for degrees should be not less severe than in other Indian Universities, and should be an index that the students possessed definite and sufficiently high acquirements. As regards degrees in Arts, these conditions have been fulfilled, and the Secretary of State has expressed himself satisfied with the evidence as to the sufficiency of the tests. The new University, however, will not be empowered to grant degrees in Law, Science, Medicine or Engineering till such time as the Government of India is satisfied that the proficiency of the Panjáb students in these branches of knowledge also is equal to that of students who receive degrees from other Indian Universities.

"The interests of high English education and of Western science having thus been carefully guarded, it became still more imperative, in framing the University Bill, that the reasonable hopes and expectations of the chiefs and people of the Panjáb, who would have taken little, if any, interest in a project for a

University of a purely English type, but who are intensely interested in the Oriental aspect of the question, should be satisfied. Anything short of this would not only disappoint the aspirations which they have all along entertained, but would make it impossible to carry out the understanding on which the large funds of the Panjáb University College have been collected. Indeed, the whole controversy regarding the status of the proposed University has really centred in the assumed impossibility of securing this essential object without lowering the English standard or confusing the Oriental with the English degrees. Sections 12 and 14 of the Bill deal with this question. They are, in my opinion, the most important sections in the Bill, and I trust the Council will be of opinion that they solve the difficulty in a satisfactory manner.

"It will be observed that by these sections a separate Oriental Faculty is created, with power to grant degrees of its own; and, in consideration of the origin and character of the whole movement, the Oriental Faculty is constituted the first Faculty in order of precedence in the University. I cannot describe the object and probable effect of this arrangement better than by reading from the Report of the Select Committee a short extract taken almost *verbatim* from the letter of the Panjáb Government in which the arrangement was proposed:—

"'At present, the Oriental Department in the College is a section of the Faculty of Arts. We propose to empower the Senate to appoint a separate Oriental Faculty, thus asserting, beyond the possibility of mistake, in the constitution of the University, the prominent position assigned to Oriental and vernacular studies. In the Oriental Faculty, degrees would be granted as separate and distinct from degrees in the Faculty of Arts as are the degrees in Law or Medicine. For the B. A. and M. A. degrees, English should be the obligatory instrument both of instruction and examination. For degrees in the Oriental Faculty, in which the vernacular would be the instrument of tuition and examination, we propose the titles of Bachelor, Master and Doctor of Oriental Learning. We would leave the Senate, after the passing of the Bill, to devise precise and detailed rules prescribing the conditions and examinations required for such degrees; and such rules would be submitted, in due course, for the sanction of the Government of India. Here it is only necessary to say that the Oriental degrees would attest general education, that they would be earned by a course resembling as nearly as possible the Arts course, and that they would differ from the ordinary B. A. and M. A. degrees because the Bachelors and Masters of Arts would be obliged to acquire their knowledge in English, while the Bachelors and Masters of Oriental Learning would not necessarily be required to know English at all. They might, of course, learn more or less English at their option. They might even be examined in English as a classical language, should the Senate desire this. But the important point would be that the B. A. and M. A. degrees would, and the Oriental degrees would not, guarantee English qualification. In this way we think that the wishes of the founders and benefactors of the Panjáb University will be properly met, because degrees will be given, as they have always desired, to students who do not know English; while the value to be attached to the degrees in the Oriental Faculty, thus distinguished by an appropriate designation, will not be confounded with that of degrees in Arts, and will be proportionate to the acquirements of the candidates who obtain them as prescribed in the standards of examination.'

"I trust, then, that the misunderstanding between the advocates of Oriental and of Western culture, in so far as it existed in the Panjáb, has been got rid of once and for all by this arrangement; that henceforth both parties will meet on common ground and work together hand in hand for the advancement of all sound educational schemes in the Province, whether English or Oriental.

"I will not longer trespass on the indulgence of the Council, though there are several distinctive features of the proposed Panjáb University to which attention might usefully be directed—for example, its freedom and catholicity, whereby students of every language or race or colour, no matter where educated, can be admitted to its privileges and honours, provided only they come up to the standards prescribed; its teaching capacity; its literary functions. All these were embraced in the scheme as originally planned in 1865, and are fully provided for in the University as now to be established.

"I will only add that, as I aided in a very humble way to lay the foundation 17 years ago, so now I deem it a great privilege and honour to have been permitted to help in putting on the cope stone of this magnificent edifice."

The Hon'ble MR. ILBERT said:—

"I do not wish this Bill to become law without saying a few words about its provisions and the subject-matter to which it relates. My accidental connection with the introduction of the Bill, and, still more, the interest which I feel in any matter relating to education in India, must be my excuse for occupying the time of the Council.

"My hon'ble friend the Lieutenant-Governor has called attention to the fact that this, the fourth and youngest of the Indian Universities, possesses some characteristic features which distinguish her from her three elder sisters.

"The University of the Panjáb differs from the Universities of Calcutta, Madras and Bombay in the circumstances of its origin, in the stage at which it comes before the legislature, and in the objects at which it aims. And, first, as to the circumstances of its origin. The Panjáb University, differing in this respect from the other three Universities, but agreeing with the older English Universities, owes its origin, not to the State, but to private liberality. The founders and benefactors of this University seem to have taken to heart the eloquent words of Sir Henry Maine in one of his addresses to the Calcutta University—words which, perhaps, I may be allowed to quote.

"He said:—

"'I think that if ever there was a country in which we might expect the wealthier classes to have the ambition of perpetuating their names by University endowments, it is India. There seems to me to be no country in which men look so far forward or so far backward, in which men so deliberately sacrifice their lives to the consideration of what their ancestors have done before them, and of what their descendants will do after them. I may surprise some of you by saying this; but it is my fixed opinion that there is no surer, no easier and no cheaper road to immortality, such as can be obtained in this world, than that which lies through liberality expending itself in the foundation of educational endowments.'

"At a time like this, when we are doing our utmost to stimulate private enterprise in every form, and to induce the people at large to co-operate with the official classes in the work of governing the country, such a manifestation of voluntary and spontaneous liberality is especially welcome, and deserves our heartiest recognition and support.

"Then the Panjáb University differs from the other Universities in the stage at which it comes before us. As my hon'ble friend the Lieutenant-Governor has remarked, the task on which we are engaged to-day is not that of laying the foundation-stone of a new institution, but of placing the cope-stone on an institution which has already been in existence for many years. This circumstance has had an important bearing on the character of our legislation. We were warned that the ground before us was not clear, that there were existing regulations to which we were bound to conform, and existing trusts to which we were bound to give effect. I venture to think that some of these warnings were conveyed in somewhat exaggerated language. Nothing can be more clear than that, when the promoters of a new institution, or the founders of an existing institution, come to the legislature and ask it to confer upon them powers and privileges which the legislature alone can give, the legislature is fully entitled to annex terms and conditions to its gift. At the same time, it is obvious that, in the case of an institution such as this, it was the duty of the legislature to give effect to the wishes and intentions of the promoters and founders of the institution, in so far as those wishes and intentions were compatible with public policy.

"Those, my Lord, were the views which guided the Committee to which this Bill was entrusted; and, accordingly, before going into the details of the Bill, we thought it advisable to ascertain, as accurately as might be, what was the existing constitution of the Panjáb University College, of what particulars its property consisted, and on what trusts, if any, that property was held; and we prepared a set of questions for the purpose of obtaining information on these points. Our apologies are possibly due for the trouble we have thereby caused to the gentlemen on whom devolved the task of answering those questions; our thanks are certainly due to them for the labour which they bestowed. We had a précis of their answers prepared for the convenience of the Select Committee. I believe that the lynx eye of Dr. Leitner has detected some inaccuracies in this précis, but he may possibly derive some comfort from the assurance that two at least of the members of the Committee, including myself, had carefully examined the original documents before the précis was prepared. The conclusion we drew from these documents

was that the trusts and purposes to which we were bound to have regard were of two kinds. First, there were certain scholarships, prizes and other emoluments held on specific trusts. With these trusts there has not been, and will not be, any interference. Then there were to be gathered from some of the documents certain indications, more or less vague, of the purposes for which the contributions to the Panjáb University College, to the Oriental College and to the projected Panjáb University were solicited and made. Those indications were not sufficiently precise or consistent to constitute a trust, but, such as they were, we considered it our duty to have regard to them; and I do not think that there is anything inconsistent with them in the Bill, or that there need be anything inconsistent with them in the Statutes, Rules and Regulations which will have to be made under this measure when it has become law. And this leads me to consider some of the special and characteristic objects which the founders of this institution apparently had in view.

"In the first place, it was to be a teaching as well as an examining body. In this respect, as in the circumstances of its origin, it differs from the other Indian Universities, but agrees with the English Universities of Oxford and Cambridge. I should be the last person to criticise a feature which brings this institution into closer conformity with the renowned and venerable Universities of England, but I think it may be worth while to call attention to a certain risk to which any body which combines the functions of teaching and examining is necessarily exposed—the risk, namely, that the examining staff is not sufficiently independent of the teaching staff. That this risk is real and substantial I know from my own English experience, but that due provision will be made in the Statutes of this University to guard against it I have no reason to doubt.

"Another and more important feature of the new University is the prominence given in it to Oriental and vernacular studies. This feature threatened at one time to involve us in a formidable, and apparently interminable, controversy. I remember being told, before I came out to India, that the peculiar characteristic of Indian controversies was that they never came to an end, and that I should probably find Indian officials discussing, with unabated zeal, the same questions which exercised the minds of Lord Cornwallis and Sir John Shore. Accordingly, I was not surprised to find that the controversy which helped to make Lord Macaulay famous, and which some ignorant persons supposed that he had brought to a conclusion about fifty years ago, was still raging in the Panjáb. However, we looked this question in the face, and found that, when looked in the face, it was, like many other questions, not quite so difficult and insoluble as it had at first appeared. In dealing with it, we—and, when I say 'we,' I mean in particular my hon'ble friend the Lieutenant-Governor of the Panjáb, to whom more than to any one else is due the present form of this Bill—in dealing with the question, kept in view two or three guiding principles.

"In the first place, we bore in mind the comprehensive nature of the aims and objects of a University. In the days when etymology was not yet a science, people were fond of deriving the name of a 'University' from the universality of its aims. The derivation is erroneous, but the thought which suggested it is true. In any University which is worthy of the name, there is room, and ample room, both for Oriental and for Western studies. Next, we remembered that, whilst there are certain features which all Universities must possess in common, yet that, to give prominence to some one particular feature in one particular University, so far from being a matter for criticism, is a positive advantage. And, lastly, we considered that Oriental and Western learning differed from each other, not so much in degree as in kind, and that to confer, for proficiency in the one, marks of distinction which have been associated by usage with proficiency in the other, would be confusing and misleading. Accordingly, we have given effect to the wishes and intentions of the founders by the constitution of a special Oriental Faculty, and we have authorized the University to confer, for Oriental learning, degrees which are equally honourable with, but which cannot possibly be mistaken for, those which denote proficiency in the learning and literature of the West.

"Then, there was another difficult question which we had to consider, and that was, how far it would be possible to adopt the vernacular as the medium of instruction and examination. Those who advocate the adoption of the vernacular for these purposes are fond of contrasting the thoroughness of the instruction which the student thereby obtains with the flimsy and superficial education obtained through the medium of a foreign language. That is one side of the question. But there is another side, and, for the purpose of illustrating that other side, I shall take the liberty of again quoting from one of Sir Henry Maine's addresses to the Calcutta University. He was remarking on the change recently made in substituting classical languages for vernacular or spoken languages as subjects of examination, and he went on to say this:—

"'But, independently of the difficulty of examining in languages, many of which have no true literature, which have only a fictitious literature, a literature of translations, you must see what a premium is placed upon flimsiness in knowledge when a young man is examined in a spoken dialect, which is picked up, half unconsciously, in conversation and by the ear, against another young man who is examined in one of those classical languages which, before they are mastered, bring out the strongest powers of the memory and the reason. There is really nothing in common between the linguistic attainments of a student who passes or obtains honours in Greek, or Sanscrit, or Arabic, and those of one who passes in Burmese or Urya, or—for this is, to a certain extent, true of those languages—even in Bengálí or Hindustání.'

"I do not say that these remarks express the whole truth, but they do express one side of the truth, and it is a side of which it is important not to lose sight. So far as my own opinion goes, I do not think that it is possible at present to convey through the exclusive medium of a vernacular language such instruction in science as ought to be given—I do not say by elementary schools, but by a University. I do not think it is possible at present for two reasons—*first*, the imperfection of the language, and *secondly*, the want of books. It is not until a comparatively late stage of its existence that a language is capable of expressing the ideas of science. No nobler language was ever written or spoken than the language of Homer, and yet I think that even the Registrar of the Panjáb University College would find some difficulty in giving instruction in chemistry or geometry in the language of Homer. Then, even supposing the language to be more developed than it is, the mere want of books opposes a fatal obstacle to the further progress of the student. It must not be forgotten that the real value of a University degree consists, not so much in the actual knowledge, as in the potentiality of knowledge that it implies. The student who has been educated through the medium of a vernacular text-book may have mastered thoroughly such knowledge as he possesses; but, when he has come to the end of his text-book, he finds himself brought face to face with a blank wall. On the other hand, the education of a student who has obtained an acquaintance with one of the Western languages may be flimsy and superficial; but, at all events, he has obtained a key which will open to him the storehouse of all the learning and literature of the West. I hope it will not be supposed from what I have said that I desire in the slightest degree to disparage the admirable work which has been done, and is being done, by Dr. Leitner and his colleagues in preparing vernacular text-books for use in the University College and kindred institutions. There is no nobler, no more patriotic task, than that of raising a mode of speech from the level of a spoken dialect to the level of a literary language, of enriching a national language and creating a national literature. To make such an effort at all implies much enthusiasm and much imagination; and perhaps there is no reason to marvel that those who make the effort are sometimes involved in some confusion between what they have accomplished, what they are in process of accomplishing and what they hope to accomplish. I doubt whether the day has yet come when adequate University instruction can be conveyed exclusively through the medium of the vernacular languages of the Panjáb. That day may yet come, and, when it does come, its arrival will have been materially hastened by the labours of Dr. Leitner and his colleagues.

"Perhaps I have dwelt at unnecessary length on the distinctive features of the Panjáb University. I have done so because I observed in some of the criticisms of the Bill in its earlier stage that we were charged with having overlooked

these distinctive features, and with having copied too servilely the enactments which constituted and incorporated the three elder Universities. Possibly there may have been some justice in this charge so far as it related to the first draft of the Bill. We all remember the philosopher who professed his inability to frame to his satisfaction an abstract idea of a Lord Mayor without his fur gown and gold chain; and it is quite intelligible that there may have been some persons who felt a difficulty in recognising the Panjáb University without those Oriental literary titles, diplomas and marks of honour which they had been accustomed to regard as its outward and visible signs. But I hope that the Select Committee, and in particular that master artist who a few days ago, in a speech of unrivalled terseness, opened to the Simla public the treasures of local art, have removed such defects and shortcomings as may have existed in the original sketch, and that, in the finished picture which I now hold in my hand, the founders and benefactors of the Panjáb University will recognize a more faithful and life-like portrait of the child of their hopes and their imagination. I have nothing more to add except to wish for the new University a long, a prosperous and a brilliant career."

His Excellency THE PRESIDENT said:—

"After the very full exposition we have heard of the objects of the Bill in its present shape, and of the mode in which those objects will be attained under this measure when, as I trust, it becomes law, it would be quite unnecessary for me to enlarge upon the questions now before the Council; but I cannot let this Bill pass without expressing my great satisfaction that it should have fallen to my lot to occupy the position of Governor General and President of this Council at the time when this measure became law.

"Somewhat less than two years ago, on the occasion of my first visit to Lahore, I received more than one address from bodies in that city upon the subject of the proposal to create a University in the Panjáb. I then stated that I would give to the subject my careful consideration, and that I was very anxious to comply as far as possible with the strong wish evidently entertained by the leading men in the Panjáb that an institution of this description should be established in their midst; and I have fulfilled that pledge. I did not then state—for I had not sufficient information to enable me to state—what would be the result of the consideration given to this subject by the Government of India; but I am exceedingly glad that that result has been one which will, I trust, be greatly to the advantage of the population of the Panjáb and satisfactory to those who have, during the lengthened period to which my hon'ble friend the Lieutenant-Governor alluded, devoted themselves to further this great and important object.

"I entirely agree with one remark among many which fell from my hon'ble friend Mr. Ilbert when he said that it was not a disadvantage, but, on the contrary, was to be regarded with approval, that this University would differ in some respects from the other Universities in this country. I think that that variety in the character of the various educational institutions of the country is in itself a very great advantage, and, so far from considering it any drawback, I view it with great satisfaction.

"I also desire to express my very deep sense of the obligation under which the Princes, the Chiefs and the Native gentry of the Panjáb have laid the Government and the public by the manner in which they have come forward to support and endow this institution. The efforts which they have made are entirely in the direction in which, as it seems to me, it is most desirable that educational proceedings in this country should move; and I regard it as a most auspicious event that they should have come forward so liberally and based the foundation of this University, not upon Government contributions, nor even upon Government support, but upon the free and magnificent gifts of those who are the natural chiefs and leaders of the people of the Panjáb.

"I do not think I need now trouble the Council with any further observations. I hope ere long to have an opportunity of addressing the new University when it meets under the auspices of the law about to be passed. It only, therefore, remains for me to offer my hearty congratulations to the Lieutenant-Governor on the fortunate circumstance that it has been during the period of his administration—from which I anticipate so many benefits to the Panjáb—that the coping-stone, as he has said, has been put upon an institution in laying the foundation of which he himself so many years ago took a part."

The Motion was put and agreed to.

ELEPHANTS PRESERVATION ACT, 1879, AMENDMENT BILL.

The Hon'ble MR. GIBBS moved for leave to introduce a Bill to amend the Elephants Preservation Act, 1879. He said:—

"That Act provides in the third section that—

"'No person shall kill, injure or capture, or attempt to kill, injure or capture, any wild elephant unless—

(*a*) in defence of himself or some other person;

(*b*) when such elephant is found injuring houses or cultivation, or upon, or in the immediate vicinity of, any main public road or any railway or canal; or

(*c*) as permitted by a license granted under this Act.'

"And the fourth section provides that—

"'Every elephant captured, and the tusks of every elephant killed, in any of the cases mentioned in section three, clauses (*a*) and (*b*), by any person not licensed under this Act shall be the property of Government.'

"The Act, however, does not provide for the case of where a person without a license captures or kills an elephant which may not be engaged in any of the amusements to which the clause refers. This question has, I believe, arisen out of the case of a person who captured three elephants for his own pleasure; in so doing, it became a question to whom the elephants belonged, and there were weighty arguments put forward as to whether the elephant was not a royal beast and the inheritance of kings, which arguments were found, however, not to be sufficient to solve the difficulty. The consequence is, that it has become necessary to repeal a portion of the fourth section of the Act, the effect of which will be that, in the case of any one killing or capturing an elephant without a license, the tusks or the elephant itself will become the property of Government."

The Motion was put and agreed to.

NIZÁMAT ACT REPEAL BILL.

The Hon'ble MR. ILBERT moved for leave to introduce a Bill to repeal Act No. XXVII of 1854. He said:—

"The necessity for this measure arises out of the arrangements which have recently been made with the ex-Nawáb Názim of Bengal. By Act XXVII of 1854 it was provided that legal processes which had to be served within the precincts of the Palace of Murshídábád should be served through the Superintendent of the Affairs of the Nizámat, or other officer discharging like functions. It will be in the remembrance of the Council that, by a deed executed in 1880, the Nawáb Názim of Bengal formally resigned the Nizámat, and, as part of the arrangements under that deed, the office of the Superintendent of the Affairs of the Nizámat has been abolished, and it is not likely that that office will be revived, or that any similar office will be created. Under those circumstances, it has become impracticable to give effect to the directions of Act XXVII of 1854, and it has been thought expedient to repeal that Act and to leave processes to be served within the precincts of the Palace of Murshídábád, as elsewhere, in accordance with the ordinary rules of law."

The Motion was put and agreed to.

PAPER CURRENCY ACT, 1871, AMENDMENT BILL.

Major the Hon'ble E. BARING moved that the Hon'ble Sir S. Bayley be added to the Select Committee on the Bill to amend the Indian Paper Currency Act, 1871.

The Motion was put and agreed to.

Major the Hon'ble E. BARING also moved that the Bill be referred back to the Select Committee. He said:—

"It will be in the recollection of those Members of the Council who were here last summer that my hon'ble friend Mr. Stokes introduced a Bill into the Council having in view the establishment of a circle of issue in British Burma. Subsequently, in conformity with the general policy of the Government in such matters, it was determined to incorporate the whole law relating to Paper Currency into one Act—that is to say, to repeal the existing law, and to re-enact it together with such changes as were necessary in order to provide for the establishment of a circle of issue in British Burma. The opportunity was at the same time taken to make some further amendments in the law. Most of these were of very trifling importance, and no objection was taken to them. One amendment, however, was of some importance. It was proposed, in conformity with orders which had been received from the late Secretary of State, Lord Cranbrook, in 1879, to relieve the Paper Currency Department of the obligation, at present incumbent upon it, to exchange notes for bullion. The result of this amendment of the law would have been that the charge for interest on the bullion whilst it remained at the Mint, and before it had been coined into rupees, would have fallen upon the importers of bullion and not upon the Paper Currency Department. This proposed amendment of the law met, naturally enough, with considerable objections from the importers of bullion. These objections found expression in this Council at the hands of my hon'ble friend Mr. Inglis. The subject was discussed at the last meeting of the Calcutta session. The importers of bullion asked for further time to represent their views, which was readily accorded by the Government. A memorial was in the course of the summer received from certain of the Calcutta banks. The banks raised one or two points into which I need not now enter fully, but as to which it will be sufficient for me to say that the thorough examination of them will take some little time. Further, before we come to any definite conclusion on the subject, a communication to the Secretary of State will probably be necessary. In the meanwhile, Burma wants its paper currency. The export season, when the notes will be especially useful to the mercantile community, is approaching. The notes themselves will be very shortly received. Under these circumstances, we propose to refer the Bill back to the Select Committee with a view to its being passed in its original form, but without the amendment in the law to which the importers of bullion take exception. It occurred to me last March that this contingency might possibly arise, and I therefore asked my hon'ble friend Mr. Inglis whether he saw any objection to the adoption of this course. In the course of the debate which ensued upon the subject, my hon'ble friend said that he saw no objection whatever to the measure being passed into law at Simla, provided it did not contain the provision to which the importers of bullion objected. As to the course which the Government will finally pursue in respect to the obligation of the Paper Currency Department of giving notes for bullion, I can at present give no pledge whatever. All I can say is, that, if any legislation on this point is required, it will take place at Calcutta and not at Simla.

The Motion was put and agreed to.

The Council adjourned to Thursday, the 19th October, 1882.

D. FITZPATRICK,

Secretary to the Government of India,

Legislative Department.

SIMLA;

The 5th October, 1882.

GOVERNMENT OF INDIA.

REVENUE AND AGRICULTURAL DEPARTMENT.

SUSPENSIONS AND REMISSIONS OF REVENUE FOR FAILURE OF CROP.

Circular No. 58R.

Extract from the Proceedings of the Government of India, Revenue and Agricultural Department,—dated Simla, 12th October 1882.

READ the following correspondence with the Government of the North-Western Provinces and Oudh on a proposal to charge interest on suspensions and arrears of land revenue:—

Letter from the Government of the North-Western Provinces and Oudh, No. 2350, dated the 9th August 1878.

Letter to the Government of the North-Western Provinces and Oudh, No. 571, dated the 6th September 1878.

Letter from the Government of the North-Western Provinces and Oudh, No. 3002A., dated the 5th October 1878.

Letter to the Government of the North-Western Provinces and Oudh, No. 26, dated the 14th January 1879.

Read the undermentioned correspondence with the Government of the North-Western Provinces and Oudh on remissions and suspensions of land revenue in a time of general scarcity:—

Letter from the Government of the North-Western Provinces and Oudh, No. 2738A., dated the 26th November 1877.

Letter to the Government of the North-Western Provinces and Oudh, No. 481, dated the 6th August 1878.

Letter from the Government of the North-Western Provinces and Oudh, No. 2636A., dated the 3rd September 1878.

Read—

Letter to the Secretary to the Famine Commission, No. 28, dated 14th January 1879, forwarding for consideration a selection of the correspondence specified above.

Famine Commission Report, Part II, Chapter III, Section III on the system of collecting the land revenue.

Read also the following correspondence on the question of varying the revenue demand with regard to the character of the seasons, which arose in connection with the agrarian disturbances in the Dekhan in 1874-75:—

Government of India (Home Department), Circular No. 6—265-274, dated the 6th March 1879.

Letters from the Government of Madras, { No. 2171, dated the 26th August 1879. / No. 2304, dated the 8th September 1879.

Letter from the Government of Bombay, No. 617, dated the 4th February 1880.

Letter from the Government of Bengal, No. 312, dated the 19th January 1880.

Letter from the Government of the North-Western Provinces and Oudh, No. 2615, dated the 22nd December 1879.

Letter from the Government of the Punjab, No. 155S., dated the 10th July 1880.

Letter from the Chief Commissioner, Central Provinces, No. 4207-233, dated the 17th October 1879.

Letter from the Chief Commissioner, British Burmah, No. 338, dated the 16th January 1880.

Letter from the Chief Commissioner of Coorg, No. 1010-56, dated the 10th January 1880.

Letter from the Chief Commissioner of Assam, No. 1774, dated the 29th September 1879.

Letter from the Resident at Hyderabad, No. 66, dated the 3rd March 1880.

RESOLUTION.

Question of relief by remission and suspension of revenue in time of scarcity referred by North-Western Provinces Government in 1878.

THE question of the extent to which revenue should be remitted or suspended in times of famine and scarcity, and of the degree of elasticity which can be given to the revenue system without losing the advantages of a fixed demand, has been before the Government of India for some years. The matter was prominently brought to the notice of the Government of India in a formal manner by the North-Western Provinces Government in their Secretary's letter No. 2350, dated the 9th August 1878. The North-Western Provinces Government suggested the extension, to cases of general drought and other great calamities, of the principles of section 23 of the Provincial rent law, which provided for the remission or suspension of rent and revenue in the event of the destruction of crops by hailstorms, floods, or similar causes. At the same time it brought forward a proposal to amend the revenue law by allowing

the charge of interest on suspended instalments of revenue with the object of establishing a system under which suspensions of revenue would be more systematically and more readily granted in case of need. It was argued on the one hand that the derangement of Imperial finance and the loss caused by delaying the collections made the revenue authorities reluctant to show indulgence even in cases of plain necessity, and it was represented on the other that if interest was chargeable there would be no loss, and that the authorities would be left free to act in the manner best fitted to save the people from distress, and to serve the true interests of Government.

Considered by the Famine Commission.

2. Shortly afterwards the whole question of the system under which remissions and suspensions of land revenue might be allowed came under the consideration of the Famine Commission. The Government of India, therefore, after some discussion of the matter with the Local Government, considered it desirable to reserve its final decision on the questions raised by the North-Western Provinces Government until such time as it had received and considered the opinion of the Famine Commissioners.

Referred to Local Governments by the Government of India in connection with the Dekhan riots.

3. About the same time also the question of varying the revenue demand with reference to the character of the seasons came before the Government of India in connection with distress in the Dekhan; and the correspondence which passed between the Government of India and that of Bombay was submitted to each Local Government with Circular No. 6—265-274, dated 6th March 1879, with a request for an expression of opinion whether there were any districts or parts of districts within its administration to which the plan of a fluctuating or varying assessment might be applied with advantage.

Necessity of dealing with it confirmed by recent reports of agricultural distress.

4. The Government of India is in possession of the views of the Famine Commission as stated in paragraph 11, Chapter III, Section III of Part II of their report.* It has also before it the opinions of the Local Governments called for by the circular above noted. It is now, therefore, in a position to deal with the whole subject. The necessity of taking it up, and of following to some extent the lines indicated by the North-Western Provinces Government in 1878, has been forcibly pressed upon the attention of the Government of India by reports lately received on the agricultural condition of several parts of the country during the years immediately succeeding the famine, which show that the measures taken in 1877-78 for preventing the revenue from pressing too heavily on the people failed adequately to meet the difficulty, and that in many places serious and permanent mischief has been caused.

* Appendix A.

Present Resolution does not affect Bombay, Madras, and permanently-settled tracts.

5. In the present Resolution it is the intention of the Government of India to deal with the subject so far only as the temporarily-settled districts of Upper India and the Central Provinces are concerned, leaving for future consideration any questions concerning the provinces of Bombay and Madras, where the principles underlying the proposals which it contains already to a greater or less extent form part of the settlement system.

Rigid enforcement of revenue demand not absolutely intended by the authors of the revenue system.

6. There can be no doubt that the rigid enforcement of the revenue demand, irrespective of calamities and of seasons, was not part of the intention of the authors of the revenue system in Northern India. This is amply proved by passages in the published Despatches of Mr. Thomason, Lieutenant-Governor of the North-Western Provinces, whose instructions formed the basis of the present system of settlement in all temporarily-settled provinces of Upper India, and from which some passages are quoted in Appendix B to this Resolution. As time has gone on, however, and as, owing to the extended area of cultivation and increase of prosperity, the relative pressure of the revenue has become less, the theory of a fixed unalterable demand, and of the duty of the landowner and cultivator to save in good years sufficient to meet the loss of bad seasons, has attained greater prominence.

Conclusions of Famine Commissioners.

7. The conclusion formed by the Famine Commissioners was that in the extreme case of a failure of the crop caused by drought so severe as to produce famine, nobody should be forced to pay the land revenue by borrowing when his crops have been such as to leave him no surplus above the amount needed for the support of himself and his family. They accordingly advocated a system of suspensions in the first instance, which should be given at an early period, and should be allowed to pass into remissions only in cases of severe and long continued loss. These principles are entirely concurred in, and on them are

based the following suggestions, premising that though the Government of India cannot in all cases expect the cultivator to lay by the surplus of good years in order to meet the deficiencies of bad years, it claims that the suspensions of bad seasons should as a rule be made good from the surplus of future good harvests.

Suspension, not remission of revenue, to be the ordinary mode of relief.

8. The Government of India desires to explain at the outset that it has no intention of allowing the introduction of a lax system of collection under which arrears will be allowed to accumulate. It does not wish to depart from the principle of a fixed assessment to a greater degree than is rendered absolutely necessary by the uncertain conditions attaching to agriculture in some parts of India. It believes that a moderate fixed demand regularly collected encourages thrift, and is ordinarily the best system for the welfare of the people; but, on the other hand, it does not wish the revenue administration to be worked with the rigidity of a machine. It desires to recognise that there are calamities of season in which even a moderate assessment cannot be paid, and that the burthen of a bad season is felt in proportion to the less or greater moderation of the assessment. At the same time it wishes it to be clearly understood that although in the case of crushing calamities remissions may be unavoidable, yet as a rule, suspension of the revenue is the remedy which the Government of India wishes to be used. It is only when suspension is obviously insufficient, and when it is clear that to enforce payment, even by easy instalments, would cause permanent injury to the agricultural prosperity of the country, that the revenue should be remitted. By suspending the revenue the Government can assist the people in a legitimate way, and save them from the calamity of being forced to borrow at exorbitant interest, without injuring their sense of responsibility and independence.

Summary of measures required—six in number.

9. Influenced by these principles, the Government of India considers it necessary that rules should be laid down under which the revenue authorities shall give certain and immediate relief to the people in time of need. The following are in its opinion the leading measures which the rules should comprise:—(i) the classification of agricultural land; (ii) the adaptation of the revenue system to the character of each class; (iii) the extension of relief to tenants; (iv) an investigation of the outturn of every harvest; (v) the grant to local officials of authority to act; (vi) the charge of interest on suspended instalments.

(i) Classification of agricultural land

10. The Government of India has in its Resolution No. 6—340-350G., dated 8th December 1881, already indicated that, in order to deal efficiently with the revenue administration of this country, the first step which must be taken in each province is to classify the land of every district. In dealing with the subject in the present Resolution it is necessary to consider the matter in greater detail and to decide the manner in which land should be classified. The classification may appropriately follow the lines suggested by the North-Western Provinces Government in paragraph 8 of their letter No. 2615, dated the 22nd December 1879 quoted in Appendix C. In accordance with its natural conditions agricultural land will therefore be distributed into three classes:— as "Secure," "Insecure" or "Fluctuating,"

(1) Areas of which the produce is to a great extent secured against failure. These may be termed "Secure areas."

(2) Areas on which in seasons of abnormal character remissions or suspensions of revenue are likely to be needed. These may be classed as "Insecure areas."

(3) Areas of which the cultivation is so fluctuating as to render an annual adjustment requisite. These may be termed "Fluctuating areas."

to be commenced at an early date,

11. As without some distribution of the above character it will be impossible to apply the system which it is proposed to adopt, it is desired that immediate measures may be taken to commence the classification of land in each district. The work will take some time to conclude. It is not, therefore, contemplated that the classification which is immediately called for should be complete. It will be sufficient at first that in each district the tracts which are most precarious, and in which distress is most likely to occur, should be at once separately recorded. But year by year the more careful study of

agricultural circumstances which is now demanded from revenue officials should lead to the more perfect classification which is required for the effectual fulfilment of the purposes in view.

to have regard to interests of tenants.

12. In making the classification the unit will ordinarily be the estate. It must be borne in mind, however, that the interests of the cultivating occupants are quite as important as those of the owners of land. Some estates are made up of tracts which, though belonging to the same proprietors, are entirely distinct in character, and in the interests of the different tenants who pay rent for them must be differently treated. One-half of a village may be secure, and the other half entirely insecure. Such, for example, is often the case in estates situated on the banks of rivers. Those areas which are distant from the river may be level, may contain good soil, and be thoroughly irrigated by canals or wells. Those areas which are near the river may on the other hand be undulating, have little good soil, and be without any kind of irrigation. In such cases the interests of the cultivating population of the precarious tract appear to demand the application of a system of relief, without respect to the ability of the proprietors to pay the revenue of the whole estate. Estates of this kind should therefore be sub-divided, one portion being classified as secure, and the other portion either as insecure or fluctuating, as circumstances may require. In the following paragraphs "Estates" will mean the areas adopted as units of classification.

Description of secure, insecure and fluctuating areas.

13. The Government of India does not wish to bind the Local Governments by hard-and-fast rules in this matter. Speaking generally, and as at present advised, it considers that all estates of which 50 per cent. and upwards of the cultivated area is secured by irrigation, and which is not liable to failure in time of drought, may be classed under "Secure areas." Into this class also will fall all estates in those parts of the country, such as the high lands of Central India, which are, whether irrigated or not, practically safe from drought.

Estates which have less than 50 per cent. of the area secured, and which lie within the zone affected by periodical droughts, will be placed in the "Insecure areas." Into this class will come also areas of which the condition is normally insecure owing to any such cause as exposure to floods, constant epidemic disease of men or cattle, and the like.

In the third class—"Fluctuating areas"—will fall those tracts in which the area under cultivation is a very inconstant and varying quantity.

Local Government to arrange details.

14. These are the principles on which the classification should, in the opinion of the Government of India, be based. But it is evidently necessary to leave a great deal to local experience. The Government of India has stated the objects it has in view; and the work of classification must necessarily be left to the Local Government. It is believed that this work can be performed by the district establishments under the guidance of the Local Agricultural Departments, but the Government of India desires to be informed if there is any doubt about the correctness of this view.

(ii) Adaptation of the revenue system to the character of each class.

15. Having thus classified the land, the next step is to determine how the revenue system can be most appropriately adapted to the requirements of each class.

In Secure areas, obviously neither suspension nor remission will ordinarily be allowed, though the former may occasionally be found necessary in the case of serious but occasional calamities, such as hailstorms, &c. The term "Secure" means secure from drought or inundation, and is not intended to imply security from hailstorms, devastation by locusts, and similar calamities.

Scale of loss of crop.

16. In Insecure areas it is necessary to adopt a graduated scale of suspension which shall fit in with a graduated scale of loss of crop. This latter scale may be graduated as follows:—

A—When the loss is total.

B—When the crop is estimated at less than $\frac{1}{4}$ of a normal crop.

C—When the crop is estimated at between $\frac{1}{4}$ and $\frac{1}{2}$ of a normal crop.

D—When the crop is estimated at between $\frac{1}{2}$ and $\frac{3}{4}$ of a normal crop.

Definition of 'normal crop.'

17. By the words normal crop as used in this Resolution must be understood a crop which is equal to $\frac{3}{4}$ of a full or bumper crop. The signification thus attached to the term is one which is familiar both to the revenue officials and to the agricultural communities of most parts of India.

Scale of suspension.

18. It will be necessary for the Local Governments to draw up a scale of suspension, which the revenue officers can adapt to the above scale of losses. The suspensions may have to be modified somewhat according to the known severity or leniency of the incidence of the revenue assessments, and the scale may therefore have a maximum and minimum within which suspensions should be granted for each grade in the scale of loss. Thus, to meet a loss under grade D, where the crop is estimated between $\frac{1}{2}$ and $\frac{3}{4}$ of a normal crop, the suspension of rent and revenue may vary between $\frac{1}{5}$ and $\frac{1}{4}$ of the demand. To meet a loss estimated to fall in grade C, suspensions may be given from $\frac{1}{4}$ to $\frac{1}{3}$ of the demand. To grade B may be adapted a suspension varying between $\frac{1}{3}$ and $\frac{3}{4}$ of the demand, and to meet a loss in grade A the whole amount may be suspended. It is to be arranged that such suspensions should be given in aliquot parts, not of the *annual* demand, but of the *kist* or instalment which is payable out of the crop that has failed.

Remissions will depend on subsequent crops and will be reported to Government of India.

19. Whatever rules may be proposed by the Local Government for the suspension of revenue under this Resolution it must be understood that the question whether suspension will ultimately pass into remission will in the main depend on the character of subsequent crops. The action of the Local Governments in granting remissions will always be reported to the Government of India, and where such remissions aggregate 10 per cent. of the entire land Revenue of the province the previous sanction of the Government of India will be required.

Modifications may be suggested.

20. The Government of India desires to know if there will be any serious difficulty in preparing and carrying out a system of suspensions based on the above or some similar scale, in which the proportion of the demand to be suspended rises in proportion to the severity of the loss, and what modifications in the scales can be suggested which will better adapt them in each province to serve as a self-regulating guide to the operations of the revenue officers.

Assessment of fluctuating areas to be annual.

21. Turning now to "Fluctuating areas," the assessment of estates in this class will vary with the area under cultivation. The assessment of such estates should not be in the form of a lump sum, but in that of fixed acreage rates, varying if necessary for different qualities of soil. The revenue of the land cultivated in each year should be collected, and that of the uncultivated land should be remitted, as a matter of course. In case of failure of the crops on the cultivated area, the rules applicable to "Insecure areas" will apply.

Not to be introduced against the wishes of proprietors during current settlement except in extreme cases.

22. In the case of estates already settled, the adoption of the proposed system for fluctuating areas must, the Government of India is aware, depend on the wishes of the persons with whom the settlement has been made. And it will ordinarily be expedient to leave matters as they are until the settlement is at an end. Only in extreme cases where the agricultural prosperity of a country is evidently injured by the present system would the Government of India desire to have the question considered whether a different system should be adopted during the currency of the settlement. In such cases, since the rates have probably been fixed by the Settlement Officer with special reference to the fluctuations of the cultivated area, it is obvious that to adapt existing rates year by year to the actual land under cultivation may involve serious loss to Government; nor again is it certain that where the settlement holder is not himself the cultivator he will consent to a revised system being applied both to rent and revenue. Should Local Governments therefore desire to introduce the above system anywhere during the currency of the existing settlement, each case should be reported to the Government of India for orders.

(iii) Extension of relief to tenant

23. It has been implied above (paragraph 12) that in dealing with this subject the Government of India has at heart the interests of the cultivators quite as much as those of the proprietors of land. The remission and suspension of rent must be a necessary consequence of the remission and suspension of revenue. This is a matter which ought perhaps to be provided for in the law

of landlord and tenant in each province. There is reason to believe that the present laws are deficient in this respect, and it is left to the Government in its executive capacity to see, so far as it can, that the intentions now expressed are carried out. It must be understood, therefore, that all suspensions or remissions of revenue involve, and are conditional on, the suspension and remission of the corresponding rent. Care should be taken to inform the tenants concerned and to have the amounts suspended or remitted recorded in the village accounts. If any proprietor collects or attempts to collect any rent thus remitted or suspended or evicts any tenant for non-payment of such rent, the Government will at once collect from him the whole amount of revenue remitted or suspended. This rule should be invariably and rigorously enforced. It may be feared that even this precaution may be insufficient in the case of tenants-at-will. But without legislation nothing more can be done.

(iv) Investigation of the character of each harvest.

24. It is evident that rules of the nature of those here laid down cannot be worked unless the district officials have full and timely information of agricultural prospects. It is necessary therefore to provide and maintain in working order the machinery requisite for this purpose. The duty of collecting information in the first instance will rest on the accountants of villages and on the kanungos who supervise them, and a regular system of reporting must be introduced, which will ensure the conveyance from time to time to the district officer of early information regarding the condition of each harvest. Measures may be taken to induce the landowners themselves, and the heads of villages, where such officers exist, to take a part in this matter.

Enquiry to be made by responsible officers.

25. On receipt of information that the harvest in any locality has been injured or has failed, the district officer will be responsible that a proper enquiry is made, and that the accuracy of the information is tested. It must be an invariable rule that no suspension shall be given until the area affected has been inspected by some officer of the district staff not below the rank of Deputy Collector or Extra Assistant Commissioner. In the more important cases the inspection should be made by the district officer himself or by one of his covenanted assistants. It is not intended to require a minute personal enquiry or full statistical report in each case. But it is intended that the inspection shall be of such a character as to be an effective check on the subordinate agency, and to guard the Government against fraud.

Periodical inspection of every village necessary.

26. In connection with this matter the Government of India takes the opportunity of once more expressing the importance which it attaches to the rules believed to be in force in every province, which require that every village or estate shall be visited and inspected by one of the district officer's assistants periodically, and that notes of the inspection shall be recorded. The great power now given to district officers in the matter of suspending and remitting the revenue renders it more than ever necessary that they and their subordinates shall acquire a full knowledge of the country under their charge, not only in the camping season, but at all times of the year, and especially in the rains, when the agricultural character of the year is determined.

(v) Grant to local officials of authority to act.

27. The duty of proposing remissions and suspensions of revenue will rest with the officers in charge of districts. The Government of India desires that they shall be required to submit their proposals to the Commissioners of Divisions, whose sanction shall be necessary and whose orders, subject of course to revision by the Local Government, will be final. The Commissioners' sanction should not be given as a mere matter of form, nor accorded without a sufficient amount of personal investigation as to the general character of the season and harvest. The Government of India trusts that the Local Governments will look to these high officials to see that the rules now laid down are carried out with zeal and intelligence.

(vi) Charge of interest on arrears of revenue.

28. The principle advocated by the Government of the North-Western Provinces of charging interest upon arrears of revenue is now accepted by the Government of India as affording without loss to the State the readiest means of advancing capital to the cultivating population when they most

need it. A rate of 6¼ per cent. will in the opinion of the Government of India suffice to protect the State against material loss. On this point the opinion of the Local Governments is desired, with an explanation of any alteration which it may render requisite in the revenue law of each province. A corresponding provision for the recovery of interest at the same rate upon arrears of rent suspended under the proposed rules must be introduced into the Rent Law.

Reports expected from Local Governments.

29. The Government of India will be glad to learn what modifications in the above proposals the Local Governments deem necessary for each province. In the meanwhile, should the occasion unfortunately arise, the suggested rules may be accepted as a guide for dealing with the question of suspensions. The Government of India desires also to receive from each Local Government, as soon as it can be drawn up, a statement showing the amount of land which may be considered secure, and on which, therefore, the revenue is practically not liable to fluctuation. Also such a rough computation as can be made of the areas which may be expected, judging from past experience, to come under each head of the scale in paragraph 16 in a period of 10 years, and the amount of suspension or remission which the Government may thus expect on the above system to have to face on an average of years. Of course nothing but a very rough computation can for some time be expected, but even this will be of great use to the Government of India.

Bengal	British Burma.
North-Western Provinces and Oudh.	Assam.
Punjab.	Coorg.
Central Provinces.	Hyderabad.
	Ajmere.

ORDER.—Ordered, that a copy be forwarded to the Local Governments and Admistrations for information and guidance and for favour of a report.

Ordered, that a copy be forwarded to the Governments of Madras and Bombay for information.

Ordered also, that a copy be forwarded to the Finance Department, and that the Resolution be published in the Supplement to the *Gazette of India*.

APPENDIX A.

Where local conditions make the possibility of cultivating the land unusually precarious as in the case of tracts habitually flooded by [illegible] inundation which may fail to take place or be excessive, or may subside too soon or too late for agricultural operations to be carried on, an exceptional procedure would appear desirable. We approve the system, successfully adopted in the Punjab in such cases, of carrying out a yearly rough measurement, according to the results of which a fixed rate of revenue per acre actually cultivated is levied. This plan would probably be found more suitable for Sind than the Bombay form of settlement now being introduced there, and we think it possible that the application of a similar principle might be beneficial in any exceptionally dry upland tracts, such as exist in some parts of India, where the rainfall is very precarious and frequently insufficient.

System of yearly assessment on cultivation in riparian lands.

APPENDIX B.

Extracts from Despatches of Mr. Thomason, Lieutenant-Governor of the North-Western Provinces.

The following extracts sufficiently indicate the strong appreciation which Mr. Thomason possessed of the necessity of maintaining a careful watch over the working of the revenue system which he was called upon to apply to his Province; and as the other temporarily settled provinces of Northern India undoubtedly accepted the North-West settlement system as their model, his remarks may be held to have had general application :—

Volume I, page 230, paragraph 5, Revenue Administration in Ajmir.—His Honour's opinion, however, of the expediency of returning as soon as possible to the system of village settlements has obtained the strongest confirmation since his visit to the district. Mr. Edmonstone's settlement failed partly no doubt from a succession of bad seasons, and defective appliances for lessening their evils by artificial irrigation. But the failure was also owing to the want of some definite rule for fixing the rights of each member of the community, and from a supposition that, when once the demand has been fixed at a moderate amount, the people might be left to themselves without any further superintendence by the Collector than consisted in enforcing payment of the demand.

Volume I, page 339, paragraph 6, and page 341, paragraph 7, Administration of Khairagarh.—The difficulty being thus apparent, a large discretion must be given to the Collector in his management of the country. Without supposing unusually bad or disastrous seasons,

it may be expected that any partial failure or sudden calamity will force itself into notice. Before, when the whole taluka was one mahal, such a misfortune in one part might be compensated by prosperity in another part of the estate, and the average profit on the whole estate might remain nearly the same; but now a hailstorm and inundation, a blight, or the absence of timely rain, may bring ruin upon certain villages, though it may not affect others. Such cases will call for immediate remedy;—suspension of the demand or the offer of takavi may be necessary to prevent the desertion of cultivators and irretrievable desolation of the village. Nor would it be right to require from the Collector minute personal inquiry and full statistical report in every such case. Reliance must be placed on his discretion in such respects, and he must be encouraged to exert himself to the best of his power, and to the exclusion of all unnecessary labour, for the amelioration of the pargana.

* * * *

These are the steps by which it appears to the Lieutenant-Governor that the pargana may be best and most quickly restored to a prosperous state, but in these, as in all other measures affecting it, a large discretion must be conceded to the Collector.

Volume II, page 67, paragraph 9, Settlement Report of Mhairwarra.—The Lieutenant-Governor acknowledges the weight of your observation that the punctual realisation of the revenue now fixed must remain to a certain degree dependent on the seasons, and that much will depend, whenever a deficiency of rain occurs, on the diligence of the Superintendent in making personal enquiry as to the extent of the evil.

Volume II, page 167, paragraph 21, Settlement of Nimar.—It must not moreover be supposed that when once a mauzahwar settlement has been made, the Collector's work is accomplished, and a machine set in motion which will work on unaided. In the first introduction of the system especially, great care and constant attention are requisite. No ordinary degree of foresight is needed on the first settlement of a village so to define and record the custom of the tenure as to meet the exigencies of most ordinary occurrences. Difficulties will arise, and disputes will occur, which must be immediately examined and decided, and their future occurrence provided against, if necessary, by some new stipulation in the village rules. All such cases are disposed of, especially on their first origin, by communication with the people and by arbitration amongst themselves. The duty of the Collector will be rather that of explanation and of instruction than of decision. The people themselves will be willing enough to slur over a difficulty and to be content with a temporary remedy. It will be the Collector's duty to point out to them the whole bearings of the case, to represent its possible consequences, perhaps to suggest apparent remedies, but to leave to themselves as much as possible the adoption of the particular rule which they will have afterwards to carry into practice.

Volume II, page 193, paragraph 15, Settlement of Parganas Bariya and Kanapur, in Nimar.—Calamities of season are unavoidable. Drought, or floods, or pestilence, or blight, may desolate any part of the country, and of course render it impossible that the whole or perhaps any revenue should be paid. Such disasters must be met as the exigency demands. They call forth all the prudence and vigilance and activity of a Collector. They must be met according to their degree by temporary suspension or entire remission of the demand, or by reduction of the settlement.

APPENDIX C.

Paragraph 8 of North-Western Provinces and Oudh Government letter No. 2615, dated the 22nd December 1879.

If reforms are made in the direction indicated above, Collectors will once more have time to attend to their legitimate duties, and will also remain sufficiently long in their districts to acquire a competent knowledge of the people and their requirements. And given a Collector with a knowledge of his district and time to ascertain its condition and necessities, Sir George Couper sees no valid reason for making any material change in the existing system of settlement. What, however, is required is a definite statement of the policy of Government in regard to suspension or remission of the demand under extraordinary circumstances. It should be laid down that, speaking broadly, for purposes of remission and suspension of revenue, the cultivated area of the united provinces may be divided into three great classes:—

(1) Tracts watered by canals, the zamindars of which under such a vicissitude of season as that which befel in 1877 literally coined money, and who reap a harvest by the sufferings of others.

Such tracts would not under any conceivable circumstances be entitled to any consideration in the shape of suspension or remission of the Government demand.

(2) Those tracts which constitute by far the larger portion of the total area of the united provinces in which no suspension or remission should be allowed under ordinary vicissitudes of season but in which they should be made in the presence of such a calamity as that which overtook them in 1877. It is presumed the subject will be fully dealt with in the report of the Famine Commission; and as Sir George Couper has no desire to anticipate their suggestions, it is unnecessary to allude in further detail to the precise form or measures of relief which should be adopted. But he thinks it ought to be clearly recognised by the Government of India that there is, and must be, a limit to the enforcement of the rule that a zamindar must look to the surplus of good years to recoup himself for the losses of bad years. The rule does very well for years of partial failure; but there come now and again years of extraordinary failure, such as a Settlement Officer does not take into account in his calculations, in which next to nothing is produced, and the zamindar or tenant if required to pay up is virtually ruined. Relief in such years ought to be given by suspension or remission or liberal distribution of takavi.

(3) Tracts which are dependent on the seasons for their irrigation, and in which the rainfall is uncertain and precarious, such as the districts of Jhansi and Bundelkhand, and the portion of the Cawnpore district referred to by Mr. Wright at page 67 of the papers. In these tracts the Collector should carefully watch the effect on each season on the crops, and be prepared at once to recommend remission and suspensions if he is satisfied that without them the zamindar will not be able to make his way. Relief might be granted on the same principles as those laid down for (2), only fully recognising that the necessity for action must arise more frequently.

If the Government of India will lay down some such broad principles as above, and confer the necessary powers on the Local Government for carrying them out, so that Collectors may be given fully to understand their recommendations will be favourably received and promptly attended to, and that their reputation will depend on the prosperity of their districts rather than on the amount of revenue they are able to realise even in bad years, Sir George Couper is convinced no further change is required, and that for the rest Government may be safely satisfied to let well alone.

REPORTS ON THE STATE OF THE SEASON AND PROSPECTS OF THE CROPS FOR THE WEEK ENDING THE 10th OCTOBER 1882.

GENERAL REMARKS.—Light rain has fallen in all districts of the Madras Presidency except Travancore, where it was heavy. There has also been some rain in Mysore and Coorg, Bengal, Assam, and British Burma. The North-Western Provinces and Oudh, Central India, and the Bombay Presidency report showers in a few districts. The Punjab, Rajputana, the Central Provinces, and the Nizam's Territories have had slight rain in one or two places; there has been none in Berar.

Prospects of standing crops are on the whole favourable everywhere, although some more rain would be beneficial in a few places.

Harvest operations continue in many parts of the country. Preparations for and sowings of *rabi* crops are in progress in parts of the Bombay Presidency, Bengal, the North-Western Provinces and Oudh, the Central Provinces, Mysore, the Nizam's Territories, and the Central India and Rajputana States.

In the Bombay Presidency locusts are doing much injury to crops in Khandesh, Ahmednagar, and Násik.

A general rise in the barometer during the earlier part of the week was followed by a fall of equal extent, less marked in Northern India than in most other parts.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Madras—(Oct. 11th)		
Bellary ...	1·12 (average of eight stations).	Standing crops generally good; harvest dry grain, yield average; agricultural operations progressing.
Kurnool ...	1·43 (average of one station).	Crops partially withered in one division from deficient rain; harvest dry crops, outturn average; agricultural operations progressing.
Ganjam ...	·95 (average of fourteen stations).	Standing crops thriving; harvest cotton and gingelly, outturn about average; fever, small-pox, and cattle-disease continue; cholera in one taluk.
Kistna ...	1·36 (average of twelve stations).	Standing crops good; harvest dry grains, outturn below average; agricultural operations progressing; small-pox, fever, and cattle-disease continue.
Chingleput (Madras) ...	1·23 (average of eleven stations).	Standing crops good where water available, drooping elsewhere for want of rain; harvest dry grains, yield below average; agricultural operations progressing; small-pox slight in parts.
Coimbatore ...	1·02 (average of fourteen stations).	Standing crops paddy good, dry want rain in parts; harvest paddy and dry grains, yield average; small-pox, fever, cholera, and cattle-disease in parts.
Tanjore ...	·30 (average of five stations)	Standing crops generally good; harvest paddy and dry grains, yield below average; cholera abating.
Madura ...	·75 (average of seven stations).	Standing crops withering in parts; harvest dry grains, outturn below average; cholera in parts.
Malabar ...	3·31 (average of fourteen stations).	Harvesting first crop nearly over; sowing of second crops progressing; fever, small-pox, and cholera in parts.
Travancore ...	7·96	Agricultural operations nearly over; fever slightly prevalent. *General Remarks.*—General prospects good.
Bombay—(Oct. 11th)		
Kurrachee ...	.....	River at Kotri on 9th, 10⅜ feet against 10¼ feet on same date last year; fever in all talukas; 3 cases small-pox in Sujawal taluka; disease among cattle in Sakro taluka; *kharif* harvest commenced; wheat, red rice, and *bajri* in Kurrachee 28, 36 and 36, in Kotri 30, 32 and 44, in Ghorabari 18, 44 and 42, and in Mirpur Batoro 25, 44 and 46 lbs. per rupee respectively.
Hyderabad ...	.....	*Kharif* reaping has commenced in some parts; small-pox still continues in Hyderabad, and fever in 11 talukas; cattle-disease in taluka Badin; wheat 26, *juari* 52, *bajri* 45, red rice 32, and white rice 22 lbs. per rupee.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Bombay—*contd.*		
Ahmedabad ...	.....	Total rainfall 30·41; reaping of *bajri* and *juari* commenced; fever continues in Dholka, Viramgaum, and Gogha; cholera in Dandhuka, 16 cases, 8 deaths; wheat 28 and *bajri* 32 lbs. per rupee.
Baroda ...	·03	Total rainfall 40·77; crops withering in Sidhpur taluka of Kari division for want of rain; cotton injured in parts of Amreli division by insects; public health good; *bajri* 33 and common rice 24 lbs. per rupee.
Surat ...	.....	Reaping of *bajri* and rice commenced, other crops healthy; *juari* 36 and *nagli* 57 lbs. per rupee.
Násik ...	Showers in some talukas.	Pulse crop harvested; locust ravages continue in nine talukas; *rabi* sowing retarded, in consequence of which distress apprehended shortly in Zeola, Nandgaon, and Malegaon; crops excellent in four talukas; wheat 28, *bajri* 36, and rice 27 lbs. per rupee; prices stationary.
Colaba (Bombay) ...	·77—all on 4th	Total rainfall 69·20, being ·32 below average; abnormal temperature 1° cool on 4th and 6th, 2° warm from 8th to 10th, *nil* on all other days; vapour in air slightly in defect of normal from 4th to 7th, afterwards in excess of normal; abnormal wind from south-east on 4th and 5th, afterwards wind normal; thunder on the evening of 8th.
Poona ...	Passing showers in seven talukas.	Locusts injuring standing crops; 2 cholera cases in Sirur taluka, 1 fatal; *bajri* 50 and *juari* 63 lbs. per rupee; in Poona *bajri* 41 and *juari* 52 lbs. per rupee.
Ahmednagar ...	Average total rainfall in the district 24·36; slight rain in Newasa, Parner, Rahuri, Shrigonda, and Karjat, none in the remaining talukas.	Kopergaon, Newasa, Rahuri, Sangamner, Akola, Nagar, and Parner are still infested with locusts; *kharif* crops good throughout the districts, except the place affected with locusts; sowing of *rabi* not yet commenced in Akola; cholera in Sheogaon, 2 attacks and 1 death; *bajri*—maximum 66 lbs. per rupee in Jhamkhed, minimum 42 lbs. in Kopergaon; *juari*—maximum 100 lbs. in Jhamkhed, minimum 45 in Sangamner.
Sholapur ...	·27	Total rainfall 39·06; *rabi* sowing nearly completed in Barsi, Madha, Karmala, and Malsiras; cholera in Sangola taluka, 20 cases, 9 deaths; *bajri* 63 lbs. and *juari* 83 lbs. 29 tolas per rupee.
Dharwar ...	Rain at all stations; except Kod where it is wanted; maximum at Karajgi, ·96.	Rice crop good; *juari* moderate; cholera in Navalgund taluka disappeared; cattle-disease in two talukas; public health good; prices—minimum rice 21 and *juari* 59 lbs. per rupee.
Kanara ...	Karwar, 1·58; Kumpta, 2·17; Sirsi, 1·21; and Hallial, 1·04.	Total rainfall 106·24; rice harvest on coast; rice crop in ear, above Ghát; sugarcane, *ragi*, and garden produce healthy; fever slight; general health good; common rice at Karwar 11½, in district average 15⅝ seers per rupee; weather fair.
Rajkot ...	.....	Weather very hot; rain wanted in some places; cholera continues at Dhrol; crops good; *bajri* 27 and *juari* 33 seers per rupee.
		General Remarks.—Slight rain in a few districts; harvesting of *kharif* and preparations for *rabi* in progress; locusts doing much injury in Khandesh, Ahmednagar, and Násik, elsewhere prospects generally good; fever and cattle-disease in many districts, slight cholera in some.
Bengal—(Oct. 11th)		
Chittagong ...	2·45	Weather continues hot; prospects satisfactory; harvesting of *aus* finished, outturn fair; average transplanting of *amun* nearly finished; prices somewhat lower; general health good.
Dacca ...	1·52	Crops satisfactory; jute harvest nearly finished; sugarcane being cut; good crop.
24-Pergunnahs (Calcutta)	Alipore, 1·32	Harvesting of early rice and jute nearly over, outturn above the average; sugarcane doing well; prospects of late rice fair; high lands being prepared for winter crops; public health generally good; fever as usual at this season prevalent in Naihatti, in Barasat sub-division, and in some villages in Diamond Harbour sub-division.
Moorshedabad ...	2·36	*Amun* plants flourishing with vigour owing to recent rain, other crops doing well; fever prevalent in and about Rangamati; cattle-disease reported from one taluka.
Rajshahye ...	1·56; Nattore, 2·25	Rain has improved prospects of crops.
Burdwan ...	·85; Cutwa, 6·03; Culna, ·17; Raniganj, 5·30.	Days very hot; rain has much benefited *amun*; more rain required; *aus* crop pretty good, except in Raniganj sub-division; fever prevalent.
Rungpore ...	1·75	Weather hot and dry; jute harvest nearly completed; prospects of crops favourable; public health good.
Bhagálpur ...	·69	Rain has done much good; prospects improved; more rain in north and south than at head-quarters; lands being ploughed for *rabi* sowings.
Purneah ...	·52	Prospects of crops fair, but more rain wanted for late rice; lands being prepared for cold weather crops; fever bad.
Patna ...	3·91	Prospects of rice improved; *bhadoi* harvest nearly completed; sugarcane and other crops looking well; public health good.
Durbhunga ...	2·7	Weather warm; prospects of crops fair; more rain wanted; prices stationary; health middling.
Hazáribágh ...	·40	Weather seasonable; prospects of rice crops good; cattle-disease reported; public health good.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Bengal—*contd.*		
Cuttack ...	1·96	Reaping of early rice completed, outturn 14 annas; late rice progressing favourably; health good.
		General Remarks.—Good general rain during the week; prospects of late rice generally improved, but more rain is still required in some districts; harvesting of autumn crops is being rapidly completed, and preparation of fields for cold weather crops is being vigorously pushed on; sugarcane generally promising; heavy floods and storms in parts of Sarun have greatly destroyed *makki* crop and a little *bhadoi* crop which remained to be cut, besides causing loss of cattle and property; cholera still reported from a few districts, and fever prevalent in some places, elsewhere public health good.
N. W. Provinces and Oudh—		
Benares (Oct. 10th)	1·40; Chandausi, 3·10; Gungapur, *nil.*	Weather now fine; ploughings are in progress for *rabi* sowings; prices steady; no sickness among men or cattle.
Allahabad („ 11th)	No rain	Weather fine, cool, and seasonable; preparations for *rabi* sowing going on still; slight cholera prevalent; prices steady.
Gorakhpur („ „)	Good fall of rain on 3rd	Harvest satisfactory; *rabi* ploughings going on; public health good; prices steady.
Jhánsi („ 9th)	Mau, ·70; Moth, ·40	Prospects of *kharif* crops good, but more rain will be beneficial to *rabi* cultivation; prices almost stationary; cholera has almost ceased; no cattle-disease.
Agra („ 10th)	No rain	*Kharif* harvesting and *rabi* ploughings in progress; slight fever continues, but general health is good; prices stationary.
Bareilly („ „)	Slight rain in Bareilly and Mirganj tahsils.	Weather good; *kharif* crops excellent, and *rabi* sowings favourable; cholera on the decrease; fever prevalent.
Meerut („ „)	.....	*Kharif* harvest going on, and *rabi* sowings in progress; weather seasonable; health good; prices stationary, with slight tendency to fall.
Kumaun („ „)	.....	The rains have apparently closed; some autumnal fever showing itself, otherwise health good; *kharif* outturn excellent; no change in prices; cattle-disease continues.
Lucknow („ „)	No rain	Prospects of crops fair; prices steady; more rain wanted; slight cholera, but fever prevalent.
Partabgarh („ „)	.....	Prices steady; prospects very good; cattle-disease at Khandwa; cholera has increased very much during the past week.
Sitapur („ „)	Slight rain in Misrikh	Cholera still in Sitapur tahsil; *kharif* crops fair, except *mash* in parts of Biswan.
Fyzabad („ „)	No rain	Gram and peas sowing commenced; ague and fever in three tahsils, and cattle-disease in two.
Rae Bareli („ 9th)	.....	No chance of more rain apparently; *kharif* outturn 12 annas in the rupee; *rabi* ploughings in progress; gram sowings commenced; fever of an ordinary type reported from two tahsils; cholera still continues; health of cattle good; prices steady.
Cawnpore („ 10th)	No rain	Weather clear; blight has appeared in *juari*, but other *kharif* crops good; *rabi* sowings in progress; fever declining; prices nearly stationary.
Farukhabad („ „)	.....	Weather seasonable, but rain much needed; occasional clouds and wind variable; fever on the decrease, but cases of cholera still continue to be reported.
		General Remarks.—Fair rain fell in parts of Benares, Gorakhpur, and Jhánsi, and slight showers in Bareilly and Moradabad; rain wanted in Lucknow, Farukhabad, and Jhánsi; *rabi* sowings commenced; prices stationary; slight cholera and fever prevalent; cattle-disease continues in Kumaon, Fyzabad, and Partabgarh, and has appeared in Saharanpur.
Punjab—(Oct. 11th)		
Delhi ...	No rain	Health fair; prices stationary; average yield of crops expected.
Hissar ...	No rain	General health good; prices stationary; yield of crops expected to be below the average on the whole, but fodder is plentiful.
Umballa ...	No rain	Health good; prices of food-grains stationary; yield of crops expected to be somewhat below the average.
Jullundur ...	No rain	Health good; prices steady; crop prospects good.
Amritsar ...	.....	Hail fell in south of district, but no damage has been done by it; health good; prices steady; crop prospects good.
Sialkot ...	No rain	Health good; prices stationary; yield of crops expected to be above average.
Lahore ...	No rain	Health good; prices stationary; crop prospects good.
Ferozepore ...	No rain	Health good; prices of food-grains falling; agricultural prospects good.
Mooltan ...	No rain	Mild fever prevalent; prices steady; crops are being reaped.
Rawalpindi ...	0·10	Mild fever in parts of the district, and cattle-disease in the Murree tahsil; prices steady; harvest above the average.
Dera Ismail Khan ...	No rain	Fever very prevalent; prices stationary; crop prospects good.
Peshawar ...	No rain	Fever prevalent; prices of food-grains are stationary, except that of *juari*, which is rising; *kharif* crops fair.
		General Remarks.—There was slight rain in Rawalpindi; the health of the province continues to be generally good, but mild fever still prevails in some districts, and cattle-disease has not yet wholly disappeared from the Murree tahsil; the prices of food-grains are falling in a few districts, but generally they are stationary; the prospects of the yield of crops in the Hissar division and the Umballa district are below the average, but in other districts they are good.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Central Provinces—		
Nagpur (Oct. 11th)	.....	Weather clear; prospects of crops good; few cases of cholera; prices steady.
Jubbulpore („ 10th)	.....	Weather clear and cool; yield of *kharif* crops anticipated below average; cholera and small-pox still reported; wheat 19 seers per rupee.
Saugor („ 9th)	.....	*Kharif* harvest has commenced; *rabi* sowings progressing; fever prevalent; prices steady.
Seoni („ 10th)	·15	Weather clear and cool; *rabi* sowings completed; few cases of cholera; fever prevalent.
Hoshangabad („ 11th)	.....	Weather seasonable; *kharif* generally good; *rabi* sowings commenced; fever prevalent; wheat 15 seers per rupee.
Raipur („ 7th)	.....	Weather oppressive; crops doing well, but more rain wanted; fever prevalent; prices falling; rice 42 seers per rupee.
Sambalpur („ 5th)	·05	Very hot; *kharif* promises well; fever prevalent; rice 56 seers per rupee.
Khandwa („ 10th)	.....	Weather hot; *kharif* prospects good; *rabi* sowings commenced; few cases of small-pox; wheat 16 seers per rupee.
		General Remarks.—Weather seasonable; nights and mornings cool and pleasant; *kharif* crops doing well, and a fair outturn is expected; *rabi* sowings in progress; cholera abated, but fever generally prevalent; prices steady.
British Burma— (Oct. 7th)		
Akyab ...	4·17	Total rainfall 192·84 inches; 3 deaths from cholera in town and 1 in district; 4 deaths from small-pox in district; cattle-disease severe in two townships; prospects of crops good.
Rangoon ...	2·08	Total rainfall 92·70; public health good; crops making progress.
Bassein ...	4·22	Total rainfall 117·52 inches; public health good; prospects of crops good.
Prome ...	1·0	Total rainfall 46·61 inches; public health good; slight cattle-disease in two townships; more rain required to develop late plantings in parts of district.
Amherst (Moulmein) ...	1·32	Total rainfall 190·62 inches; public health both in Moulmein and district and prospects of crops good; cattle-disease in two townships.
Toungoo ...	0·97	Total rainfall 82·15 inches; 1 death from small-pox in district, otherwise public health good; 21 deaths from cattle-disease in one township.
		General Remarks.—A little cholera prevalent, otherwise public health good; cattle-disease severe in parts of Akyab, slight in a few other districts; damage to crops has been done by floods in Hanthawaddy and Mergui; crops on about 6,000 acres of land in Thonegwa destroyed by the high tides of the month of September, elsewhere condition of crops good.
Assam—		
Gauhati (Oct. 10th)	8·56	Weather seasonable; transplanting of *sali* paddy over; prospects of crops fair; public health good.
Sylhet („ 11th)	7·50	Crops reported on favourably from all quarters; cholera and small-pox still reported.
Cachar ...	4·58	Weather very hot; reaping of *aus* crop progressing; state of *sali* crops good; public health good; common rice 22½ seers per rupee.
Dibrugarh (Oct. 11th)	Weather rainy; 3·52	Prospects of *sali dhan* good; public health good; cattle-disease decreasing.
Mysore and Coorg— (Oct. 11th)		
Bangalore ...	1·60	Crops thriving well; gram and *kartik* paddy sown in parts of districts; prospects favourable; health good; prices unchanged.
Mysore ...	1·24	Crops and prospects reported good.
Mercara ...	2·41	The heavy showers which have fallen have helped on the rice crop and coffee plants; *ragi* being cut in Naujarajapatna taluk and coming into ear in Yelusavarshime taluk; prices stationary; health good.
		General Remarks.—Seasonable showers in all districts, except Kolar, where more rain is wanted; standing crops generally in good condition; *ragi*, *juari*, horse gram, &c., harvested in parts; sowing of other grain continues; public health good; prices easy.
Berar & Hyderabad— (Oct. 11th)		
Amráoti ...	...	Crops in good condition; prices—wheat 16 and *juari* 28 seers per rupee.
Akola ...	...	Crops progressing favourably.
Hyderabad ...	·11	Total rainfall from 1st January 29·62; *abi* crops thriving; reaping of *kharif* crops continues; *tabi* crops being sown and preparations for *rabi* crops in progress; public health good; prices—wheat 16, coarse rice 10½, white *juari* 27, yellow *juari* 32, and *tur* 27 seers per current sicca rupee.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Central India States— (Oct. 11th)		
Indore ...	No rain	Weather pleasant; health and agricultural prospects good; no cholera cases reported since the 4th instant.
Morar (Gwalior) ...	No rain	Health and prospects good.
Sutna ...	·63	Prospects and health good.
Rutlam ...	.....	No report received.
Neemuch ...	·15	One fatal case of cholera among European soldiers; fever prevalent in the Mewar district.
Goona ...	.....	Crops good; fever prevalent.
Bhopal ...	·60	Weather fair; prospects good.
Agar ...	No rain	Health and prospects good.
Nowgong ...	·15	Weather fair; *kharif* prospects good; health fair.
Manpur ...	No rain	Ploughing of land for wheat, gram, and opium crops resumed; prices stationary.
Rajputana—		
Abu (Oct. 11th)	·05	Clear weather; occasional clouds; pleasant mornings.
Sirohi („ 8th)	.....	Tanks, wells, health, prospects, and weather good.
Marwar („ 6th)	.....	About four months' water in tanks; wells almost full; health good; crops good where rainfall sufficient; weather often cloudy; heat intense; little indication of rain; prices falling.
Meywar ...	.....	No report received.
Harowti (Oct. 7th)	At Deoli ·14	Crops being reaped; weather warm and close; health good.
Jhallawar („ 4th)	.....	Health good for the season; prospects good.
Ajmere („ 10th)	No rain	Health good.
Jeypore („ „)	.....	Prospects favourable; prices steady; fever abating.
Ulwur („ „)	.....	Cotton being gathered; preparation for *rabi* commenced; prices steady; fever continues.
Nepal—(Oct. 5th)		
Katmandu ...	2·15; much rain and cloudy weather again.	The rain is good for the rice.

ABSTRACT SHOWING THE RESULT OF EMIGRATION FROM THE PORT OF CALCUTTA DURING THE MONTH OF APRIL 1882.

No. I.—As to age and sex.

	Fiji.				Natal.				Total.		Grand Total.	Remarks.
	Males.	Females.	Total.	Proportion of women to men.	Males.	Females.	Total.	Proportion of women to men.	Males.	Females.		
Under 2 years ...	12	7	19	43·93 women to every 100 men.	3	11	14	44·33 women to every 100 men.	15	18	33	
From 2 to 10 years ...	19	13	32		15	15	30		34	28	62	
„ 10 „ 20 „ ...	108	45	153		77	27	104		185	72	257	
„ 20 „ 30 „ ...	147	67	214		220	106	326		367	173	540	
„ 30 „ 40 „ ...	9	3	12		11	4	15		20	7	27	
„ 40 „ 50 „ ...	...	1	1		1	...	1		1	1	2	
Above 50 „ ...	...	...	...		....	...	...		...	...	...	
Grand Total ...	295	136	431	...	327	163	490	...	622	299	921	

No. II.—As to places whence emigrants come to Calcutta for embarkation.

	Natal.			Fiji.			Total.		Grand Total.	Remarks.
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.		
Orissa	...	...	...	...	...	...	...	...	...	
Western Bengal	...	...	...	...	...	...	...	...	...	
Central „	...	...	...	...	2	2	...	2	2	
Eastern „	...	...	...	...	...	...	...	...	...	
Behar	54	21	75	7	4	11	61	25	86	
North-Western Provinces ...	152	99	251	151	86	237	303	185	488	
Oudh	83	36	119	72	35	107	155	71	226	
Central India	9	4	13	8	2	10	17	6	23	
Punjab	21	3	24	49	5	54	70	8	78	
Nepal	...	...	...	6	2	8	6	2	8	
Mixed, Madras and Bombay, &c. ...	8	...	8	2	...	2	10	...	10	
Grand Total ...	327	163	490	295	136	431	622	299	921	

No. III.—As to caste and religion.

	Natal.			Fiji.			Total.		Grand Total.	Remarks.
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.		
Brahmins, high caste	66	33	99	87	22	109	153	55	208	
Agriculturist } Hindus ...	114	37	151	77	48	125	191	85	276	
Artisans } Hindus ...	20	6	26	14	4	18	34	10	44	
Low castes } Hindus ...	62	38	100	44	25	69	106	63	169	
Musulmans	65	49	114	71	35	106	136	84	220	
Christians	...	...	...	2	2	4	2	2	4	
Grand Total ...	327	163	490	295	136	431	622	299	921	

Memo.

	Male.	Female.	Total.
1. Hindus	484	213	697
2. Musulmans	136	84	220
3. Christians	2	2	4
Total ...	622	299	921

E. C. BUCK,
Secy. to the Govt. of India.

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SUPPLEMENT TO

The Gazette of India.

Nº 42. CALCUTTA, SATURDAY, OCTOBER 21, 1882.

OFFICIAL PAPERS.

A Supplement *to the* Gazette of India *will be published from time to time, containing such Official Papers and information as the Government of India may deem to be of interest to the Public, and such as may usefully be made known.*

Non-Subscribers to the Gazette *may receive the* Supplement *separately on a payment of six Rupees per annum if delivered in Calcutta, or nine Rupees if sent by Post.*

No Official Orders or Notifications, the publication of which in the Gazette of India *is required by Law, or which it has been customary to publish in the* Calcutta Gazette, *will be included in the* Supplement. *For such Orders and Notifications the body of the* Gazette *must be looked to.*

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

IRRIGATION OPERATIONS OF FASL KHARIF, N.-W. PROVINCES, 1882, UP TO 31st AUGUST 1882.

	Canal Division.	Water distributed during August 1882: Depth in Canal at regulating gauge in feet. Full supply.	Water distributed during August 1882: Depth in Canal at regulating gauge in feet. Actual average throughout.	Gross Consumption, cubic feet per second. Allotted discharge.	Gross Consumption, cubic feet per second. Actual average throughout.	Total area of irrigation during current fasl.	Total area for the corresponding period of last year.
Upper Ganges.	Northern	10·00	5·43	740	372	48,282	37,711
	Anúpshahr	6·80	1·47	700	102	54,434	46,889
	Meerut	8·30	3·50	969	1,546	68,937	52,102
	Bulandshahr	7·35	2·43	972	57	64,750	62,110
	Aligarh	5·50	1·57	994	88	72,327	76,185
Lower Ganges.	Narora	...	6·07	...	102	13,497	11,671
	Mainpuri	...	4·40	...	57	34,124	28,766
	Cawnpore	6·20	6·20	958	333	49,193	52,534
	Etáwah	4·80	0·3	771	...	63,870	73,594
	Bhognipur	...	2·7	...	...	21,072	19,969
Total, Upper and Lower Ganges Canals		...	...	...	2,657	490,486	461,531
Eastern Jumna Canal		...	...	1,250	1,187	95,380	88,555
Agra Canal		...	...	2,000	101	43,123	43,704
Rohilkhand		...	...	...	94	21,731	27,563
Bijnor		...	...	...	...	1,471	4,765
Dún		...	...	...	208	4,668	3,269
Jhánsi		...	...	...	...	23	13
Hamírpur		...	...	...	...	27	38
Total		...	...	...	...	656,909	629,438

Zila.	Land irrigated (approximate): Sugarcane.	Indigo.	Rice.	Cotton.	Other food-grains.	Fodder crops.	Miscellaneous.	Total.	Rainfall: Total from 1st April to 31st August 1882.	Rainfall: Average of ten previous years for the same period.
Saháranpur	19,547	1,937	26,854	672	1,143	117	1,659	51,929	13·2	9·5
Muzaffarnagar	47,870	4,236	20,330	3,065	1,522	713	2,011	79,747	8·6	7·0
Meerut	72,640	16,973	9,646	8,821	7,999	3,662	1,918	121,659	8·86	7·8
Bulandshahr	8,886	52,853	139	10,004	3,448	300	1,364	76,994	6·1	6·8
Aligarh	1,238	45,768	193	3,148	1,459	117	1,297	53,220	11·2	6·7
Muttra	1,649	9,126	...	8,437	69	144	1,329	20,754	6·9	6·1
Agra	1,179	6,816	11	795	148	52	821	9,822	5·3	6·1
Etah	3,865	26,641	123	761	928	48	1,316	33,682	16·2	8·1
Mainpuri	4,985	37,033	162	135	927	40	848	44,130	15·5	7·7
Fatehgarh	2,210	19,862	142	4	355	15	233	22,821	13·8	7·5
Etáwah	8,124	42,117	35	2	384	67	637	51,366	13·8	7·8
Cawnpore	4,364	38,823	2,102	...	2,564	348	1,130	49,331	19·1	8·9
Delhi	8	...	...	11	1	...	...	20	5·2	5·6
Gurgaon	2,129	2,209	...	8,693	103	313	67	13,514	2·6	5·3
Dehra Dún	1,120	...	3,261	1	...	...	286	4,668	20·6	21·1
Bijnor	...	...	312	...	...	...	1,159	1,471	18·4	10·4
Tarái	1,282	...	1,419	...	...	...	...	2,701	39·7	14·0
Pilibhit	1,067	...	531	...	...	...	...	1,598	22·7	11·1
Bareilly	8,938	...	8,494	...	...	...	...	17,432	21·0	9·1
Jhánsi	21	...	...	...	...	...	2	23	18·5	9·8
Hamírpur	11	...	15	...	...	...	1	27	22·3	6·7
Total	191,133	304,394	73,769	44,549	21,050	5,936	16,078	656,909	...	..
Total for the same period last year	161,895	306,701	85,998	44,210	10,084	3,493	17,057	629,438	...	...
Increase	29,238	...	...	339	10,966	2,443	...	27,471	...	...
Decrease	...	2,307	12,229	...	...	...	979	...	...	...

Remarks.

	Cubic feet per second.
Entering head of Ganges Canal	3,031
" Lower Ganges Canal	2,185
Drainage water	74
	5,290
Expended—	
Ganges Canal	2,165
Lower Ganges Canal	492
	2,657
Escapes—	
Anúpshahr Branch	66
Meerut Division	226
Bulandshahr ditto	76
Narora ditto	540
Mainpuri ditto	453
Cawnpore ditto	767
Etáwah ditto	140
Bhognipur ditto	290
Percolation, Lower Ganges Canal	141
	2,699
Deduct excess discharge shown above	66*
	5,290

* Difference in discharge passed on from Ganges Canal to Lower Ganges Canal as reported by 1st and 2nd Circles.

Executive Engineer, Meerut Division, Ganges Canal, reports that owing to the long closure, the canal took an abnormally long time to fill, and thus, although opened on the 3rd, water did not reach the division till the 9th. From that date till the 28th there was a very great demand for sugar, rice, cotton and Indian-corn, which could not be met owing to all wanting water at once. There were local rainfalls of 2 inches and 3 inches on 20th and 29th, but irrigation of rice did not stop.

Executive Engineer, Aligarh Division, reports that dry west winds set in about the 15th, and there began to be a demand. By the time water came down and was run, rain fell and the crops no longer needed water.

Executive Engineer, Mainpuri Division, reports that there was a demand for kharif crops between the 8th and 20th over part of the division and that general rain fell from the 21st.

Executive Engineer, Eastern Jumna Canal, reports that there was a heavy demand for rice planting and afterwards for general irrigation until the rain of 29th and 30th; the rain, however, did not reach Meerut district in any quantity.

Executive Engineer, Rohilkhand Canal, reports that there was a slight demand for first week. Very heavy hill floods on 5th, 6th, and 7th, which swept away all the earthen dams and outflanked the Kitcha weir. Heavy rain fell on the 29th and 30th, since which it has been fine and the rains appear to be over.

Allahabad,
The 20th September 1882.

G. H. D. WALKER,
Asst. Secy. to Govt., N.-W. P. and Oudh,
P. W. D., Irrigation Branch.

STATEMENT OF TRAFFIC ON THE AGRA CANAL FOR THE MONTH OF AUGUST 1882.

Nature of Traffic.	Agra Canal. Principal items of Traffic. Up. Mds.	Up. No.	Down. Mds.	Down. No.	Total up and down. Mds.	Total up and down. No.
Grains—						
Wheat	...	...	...	...	...	...
Gram	...	...	...	...	...	...
Rice	...	...	...	...	...	...
Paddy or dhán	...	...	...	...	...	...
Bejhar or mixed grain	...	...	...	...	...	...
Dal—						
Urd	...	...	...	...	...	...
Múng	...	...	*Nil.*	...	...	...
Arhar	...	...	...	...	...	...
Masuri	...	...	...	...	...	...
Juár	...	...	...	...	...	...
Bájra	...	...	...	...	...	...
Maize or Indian-corn	...	...	...	...	...	...
Barley	...	...	...	...	...	...
Total	...	...	...	...	...	...
Cotton	...	...	...	...	...	...
Oilseeds	...	...	...	...	...	...
Salt	...	...	...	...	...	...
Metals	...	...	...	...	...	...
Building materials	...	...	...	...	...	...
Miscellaneous goods	...	...	...	...	...	...
Firewood	...	...	25	...	25	...
Bamboos	...	...	...	...	...	...
Timber—						
Poles and unsquared timber	...	...	...	...	...	...
Karis and squared timber	...	...	...	...	...	...
Logs	...	...	...	...	...	...
Miscellaneous timber	...	...	...	...	...	...
Live-stock	...	...	...	...	...	...
Grand Total	...	...	25	...	25	...
Total during corresponding period of last year	1,600	...	2,890	...	4,490	...
Increase	...	...	...	...	...	...
Decrease	1,600	...	2,865	...	4,465	...

Remarks.

The canal was closed on the 11th August 1882.

Particulars.	Agra Canal. 1882.	1881.
Tonnage, including weight of timber and bamboos	1	165
Ton mileage	23	16,815
Value of goods Rs.	8	6,690
Number of passengers	...	...

Allahabad,
The 20th September 1882.

G. H. D. WALKER,
Asst. Secy. to Govt., N.-W. P. and Oudh,
P. W. D., Irrigation Branch.

SUPPLEMENT TO THE GAZETTE OF INDIA, OCTOBER 21, 1882.

STATEMENT OF TRAFFIC

UPPER AND LOWER GANGES CANALS.

UPPER GANGES CANAL.

PRINCIPAL ITEMS OF LOCAL TRAFFIC.

PRINCIPAL ITEMS OF THROUGH TRAFFIC.

	Up. Mds.	Up. Nos.	Down. Mds.	Down. Nos.	Total up and down. Mds.	Total up and down. Nos.
Grains.						
Wheat						
Gram						
Rice						
Paddy or dhán						
Sugar or mixed grain						
Dál ... { Urd / Múng / Arhar / Masuri						
Ghi						
Ságo						
Maize or Indian-corn						
Barley						
TOTAL						
Cotton						
Oilseeds						
Salt	26			2		
Metals						
Building materials	99		750		849	
Miscellaneous goods						
Firewood						
Bamboos						
Timber. Poles and unsquared timber						
Timber. Karis and squared timber						
Timber. Logs						
Miscellaneous timber						
Live-stock						
GRAND TOTAL	125		1,280		1,405	
TOTAL DURING CORRESPONDING PERIOD OF LAST YEAR.*						
INCREASE	125		1,280		1,405	
DECREASE						

LOWER GANGES CANAL.

PRINCIPAL ITEMS OF LOCAL TRAFFIC.

PRINCIPAL ITEMS OF THROUGH TRAFFIC.

	Up. Mds.	Up. Nos.	Down. Mds.	Down. Nos.	Total up and down. Mds.	Total up and down. Nos.
Grains.						
Wheat						
Gram						
Rice						
Paddy or dhán						
Sugar or mixed grain						
Dál ... { Urd / Múng / Arhar / Masuri						
Ghi						
Ságo						
Maize or Indian-corn						
Barley						
TOTAL						
Cotton						
Oilseeds						
Salt	146		56		202	
Metals	8,980		2,300		11,280	
Building materials	99		238		337	
Miscellaneous goods			11,733		11,733	
Firewood						
Bamboos	102	102			102	102
Timber. Poles and unsquared timber						
Timber. Karis and squared timber						
Timber. Logs						
Miscellaneous timber				250		250
Live-stock						
GRAND TOTAL	9,644	102	36,099	250	45,743	352
TOTAL DURING CORRESPONDING PERIOD OF LAST YEAR.*						
INCREASE	9,644	102	36,099	250	45,743	352
DECREASE						

Particulars.	Upper Ganges Canal (local). 1881.	Upper Ganges Canal (local). 1882.	Lower Ganges Canal. 1881.	Upper and Lower Ganges Canals (through). 1881.	Upper and Lower Ganges Canals (through). 1882.	Total, Upper and Lower Ganges Canals. 1881.	Total, Upper and Lower Ganges Canals. 1882.
Tonnage, including weight of timber and bamboos	...	51	...	...	10[illegible]	...	1,837
Ton mileage	...	2,763	...	...	37,362	...	207,247
Value of goods	...	4,161	...	...	11,451	...	83,033
Number of passengers	...	...	...	...	...	...	...

G. H. D. WALKER,
Asst. Secy. to Govt., N.-W. P. & Oudh, P. W. D., Irrigation Branch.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

RAILWAY TRAFFIC.

No. XXXVII of 1882.

APPROXIMATE STATEMENT OF GROSS RECEIPTS AND EXPENSES OF INDIAN RAILWAYS.

Latest return received.	Railways.	Total mean length open.	Receipts for week ending 17th September 1881. Total.	Per mile open.	Total mean length open.	Receipts for week ending 16th September 1882. Total.	Per mile open.	Total Receipts from 1st April to 17th September 1881. Total.	Per mile open per week.	Total Receipts from 1st April to 16th September 1882. Total.	Per mile open per week.	Total Increase in 1882-83.	Total Decrease in 1882-83.
			Rs.	Rs.		Rs.	Rs	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
	Guaranteed.												
16th Sep. 1882	Eastern Bengal	172	1,54,992	901	172	1,63,474	950	22,66,101	539	22,92,674	552	26,573	...
16th ditto	Oudh and Rohilkhund	547	84,444	154	547	70,580	129	22,14,522	167	22,85,397	173	70,875	...
16th ditto	Sind, Punjab, and Delhi	676	1,63,774	242	676	1,47,008	217	39,62,729	241	42,31,862	259	2,69,133	...
16th ditto	Madras	858	1,12,453	131	861	1,26,200	147	29,54,281	141	32,91,505	158	3,37,224	...
16th ditto	South Indian	655	71,544	109	655	68,915	105	18,09,093	113	18,09,494	114	401	...
23rd ditto	Great Indian Peninsula	1,439	4,38,980	305	1,450	3,10,677	214	1,45,48,690	414	1,48,69,332	424	3,20,642	...
16th ditto	Bombay, Baroda, and Central India	444	1,12,586	254	461	54,913	117	44,44,790	412	46,42,845	417	1,98,055	...
	TOTAL	4,791	11,38,773	238	4,822	9,41,767	195	3,22,00,206	276	3,34,23,109	288	12,22,903	...
	State.												
23rd Sep. 1882	East Indian	1,504	9,11,040	606	1,507	6,69,422	444	1,93,56,332	529	1,98,94,718	547	5,38,386	...
16th ditto	Calcutta and South-Eastern	28	1,854	66	33	2,470	75	69,142	102	87,790	117	18,648	...
16th ditto	Nalhati	27	1,250	46	27	1,100	41	29,023	44	31,266	48	2,243	...
16th ditto	Northern Bengal	233	34,740	149	230	36,420	158	7,37,612	131	8,53,042	152	1,15,430	...
23rd ditto	Tirhoot	77	7,381	96	75	10,244	136	2,57,909	132	2,96,452	151	38,543	...
23rd ditto	Patna-Gya	57	15,722	276	57	6,635	116	2,19,959	158	2,02,538	148	...	[illegible]
16th ditto	Muttra-Hathras	29	2,623	90	29	2,431	84	65,287	92	58,701	76	...	[illegible]
23rd ditto	Cawnpore-Furrakhabad	86	5,429	63	87	5,442	63	1,21,794	58	1,50,606	71	28,812	...
23rd ditto	Dildarnagar-Ghazipur	12	479	40	12	527	44	18,326	62	20,486	71	2,160	...
23rd ditto	Rajputana-Malwa	1,016	1,37,972	136	1,117	1,58,818	142	37,22,042	151	46,78,839	174	9,56,797	...
16th ditto	Wardha Coal	45	7,467	166	45	5,894	131	2,25,068	206	2,36,852	218	11,784	...
16th ditto	Nagpur and Chhattisgarh	53	3,901	74	98	2,772	28	1,31,432	92	2,55,389	107	1,23,957	...
16th ditto	Rangoon and Irrawaddy Valley	161	17,675	110	161	17,946	111	6,20,193	158	6,27,796	161	7,603	...
16th ditto	Sindia	75	4,350	58	75	4,299	57	1,30,351	71	1,41,591	78	11,240	...
16th ditto	Punjab Northern	363	42,508	117	409	32,280	79	13,13,942	148	13,21,924	136	7,982	...
16th ditto	Indus Valley and Kandahar	660	1,11,709	169	650	85,580	132	21,03,690	131	19,39,687	122	...	1,64,003
16th ditto	Muttra-Achnera	...	...	...	23	1,439	63	...	...	30,801	55	30,801	...
	TOTAL	2,922	3,95,060	135	3,128	3,74,287	119	97,65,770	137	1,09,28,760	144	11,62,990	...
	Native States.												
16th Sep. 1882	Bhavnagar-Gondal	120	4,710	39	194	9,594	49	3,23,413	83	4,26,978	91	1,03,565	...
16th ditto	Nizam's	121	12,295	102	121	12,568	104	3,74,362	127	3,91,478	134	17,116	...
16th ditto	Mysore	58	2,348	40	86	4,766	55	64,842	46	1,29,624	62	64,782	...
	TOTAL	299	19,353	65	401	26,928	67	7,62,617	92	9,48,080	97	1,85,463	...
	GRAND TOTAL	9,516	24,64,226	259	9,858	20,12,404	204	6,20,84,925	267	6,51,94,667	274	31,09,742	...
	GROSS ESTIMATED EXPENSES	...	...	...	...	...	...	3,06,12,360	132	3,17,69,499	134	...	...
	NET RECEIPTS	...	...	...	...	...	...	3,14,72,565	135	3,34,25,168	140	19,52,603	...

SIMLA,
The 14th October 1882.

FRED. FIREBRACE, *Major, R.E.,*
Under-Secretary.

GOVERNMENT OF INDIA.

REVENUE AND AGRICULTURAL DEPARTMENT.

REPORTS ON THE STATE OF THE SEASON AND PROSPECTS OF THE CROPS FOR THE WEEK ENDING THE 17th OCTOBER 1882.

GENERAL REMARKS.—Rain has fallen in all the districts of the Bengal Presidency, in some of which it was heavy. In the Madras Presidency there has been rain in all districts, light in most but rather heavy in Malabar. In the Bombay Presidency rain has fallen in the Southern Mahratta Country and in parts of Satara only. In the North-Western Provinces and Oudh there has been no rain except a little in Benares. Rain has also fallen in British Burma, Assam, and in Mysore and Coorg. The Punjab, Central Provinces, the Nizam's Territories, Central India States, and Rajputana States report no rain during the week under notice.

Prospects of standing crops are reported generally good everywhere.

Harvest operations are still in progress in many parts of the country. Preparations for, and sowings of, *rabi* crops continue in parts of the Bombay Presidency, Bengal, North-Western Provinces and Oudh, Punjab, Central Provinces, Nizam's Territories, and the Rajputana States.

Rain is reported from the North-Western Provinces and Oudh to be wanted in three districts.

In the Bombay Presidency locusts are still doing damage to the crops in Násik, Ahmednagar, and Khandesh, but are reported to be leaving the eastern talukas of Khandesh. There was a severe shock of earthquake in Silchar on the 13th and another slight one on the 14th; no damage ensued from the latter, but considerable injury to buildings from the shock of the 13th is reported.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Madras—(Oct. 18th)		
Bellary ...	·66 (average of seven stations).	Standing crops generally good; harvest dry grains, outturn average; agricultural operations progressing.
Kurnool ...	·77 (average of seven stations).	More rain wanted for dry crops in parts; harvest dry crops, yield average; agricultural operations progressing; cattle-disease in parts.
Ganjam ...	1·51 (average of sixteen stations).	Standing wet and dry crops generally thriving; harvest dry grains, outturn below average; small-pox, fever, and cattle-disease continue; cholera in one taluk.
Kistna ...	1·26 (average of eleven stations).	Crops generally good; rain needed in one taluk; harvest dry crops, yield below average; agricultural operations progressing; fever, small-pox, and cattle-disease exist.
Chingleput (Madras) ...	1·44 (average of eleven stations).	Standing crops good where water available; harvest dry grains, outturn below average; agricultural operations progressing; slight small-pox and cattle-disease in parts.
Coimbatore ...	2·87 (average of fifteen stations).	Standing crops paddy good, dry require rain; parts of one taluk harvest paddy and dry grains, yield average; fever, small-pox, cholera, and cattle-disease in parts.
Tanjore ...	1·23 (average of thirteen stations).	Standing crops good, except in parts of one taluk, where rain wanted; harvest paddy and dry grains, yield below average.
Madura ...	1·75 (average of ten stations).	Crops fading in two taluks; harvest dry crops, outturn below average; cholera in parts.
Malabar ...	4·40 (average of fourteen stations).	Harvesting first crop almost over; sowing second crop progressing; small-pox, fever, and cholera in parts.
Travancore ...	2·14	Agricultural operations over; fever slightly prevalent. *General Remarks.*—General prospects good.
Bombay—(Oct. 18th)		
Kurrachee ...	.....	Cold weather setting in; river at Kotri on 16th, 9¼ feet against 9¼ feet on same date last year; fever in all talukas; disease among sheep and goats in Kurrachee taluka; rats doing some damage to crops in Jati taluka; wheat, red rice, and *bajri* in Kurrachee 25 and 36, in Sewan 32, 48 and 56, in Tatta 24, 38 and 44, and in Játi, 20, 40 and 44 lbs. per rupee respectively.
Hyderabad ...	.....	*Kharif* reaping general throughout the district; small-pox still continues in Hyderabad; fever in eleven and cattle-disease in two talukas; wheat 26, *juari* 52, *bajri* 41, red rice 32, and white rice 22 lbs. per rupee.
Ahmedabad ...	.....	Reaping of *bajri* and *juari* continues, other crops doing well; fever in Dholka, Viramgaum, Gogha, and Parantej; wheat 28 and *bajri* 32 lbs. per rupee.
Baroda ...	.....	Reaping of crops commenced in parts; public health good; *bajri* 30 and common rice 24 lbs. per rupee.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Bombay—*contd.*		
Surat ...	.....	Sowing of *rabi* crops and reaping of *bajri* and rice continue; *juari* 35¾ and *nagli* 57 lbs. per rupee.
Násik ...	No rain	Locusts as before, some reported in Dindori and Igatpuri; *rabi* being sown only where locusts have not appeared; cholera almost gone; wheat 22, *bajri* 36, and rice 27 lbs. per rupee.
Colaba (Bombay)	No rain	Abnormal temperature 2° warm on 11th, 1° cool on 14th and 15th, *nil* on all other days; vapour in air normal; abnormal wind northerly on 11th and 12th, southerly from 14th to 16th; wind normal on the remaining days.
Poona ...	No rain	Reaping of *kharif* in progress; damage by locusts continues, but is slight; 4 cholera cases in Sirur taluka, 3 deaths; *bajri* 48 and *juari* 62 lbs. per rupee; in Poona *bajri* 41 and *juari* 56 lbs. per rupee.
Ahmednagar ...	No rain	Rain wanted for *rabi* crops in Kopergaon, Rahuri, Sangamner, Akola, and parts of Newasa; Nagar and Parner are still infested with locusts; reaping of *bajri* commenced in all talukas; sowing of *rabi* not yet commenced in Akola or Kopergaon; people are emigrating from Kopergaon; cattle-disease in Jhamkhed; cholera—in Jhamkhed 8 attacks and 6 deaths, in Sheogaon 3 attacks and 1 death; *bajri*—maximum 66 lbs. in Jhamkhed, minimum 42 in Kopergaon; *juari*—maximum 108 lbs. in Jhamkhed, minimum 48 in Akola.
Sholapur ...	No rain	*Rabi* sowing nearly completed throughout; *kharif* being reaped, prospects good; cholera in Sangola taluka, 5 cases, 4 deaths; *bajri* 62 lbs. and *juari* 83 lbs. 22 tolas per rupee.
Dharwar ...	Rain at all stations; maximum at Hangal, 2·37.	Rain sufficient everywhere; further rainfall will damage the existing crops which are good; minor crops, such as *sawan* and *ragi*, are being harvested; land being prepared for wheat and gram; cattle-disease in three talukas; public health good; prices of food-grains stationary.
Kanara ...	Karwar, 1·08; Kumpta, 2·96; Sirsi, 2·78; and Hallial, ·90.	Total rainfall 107·32; rice harvest on coast continues; crops in ear above ghât; *ragi*, sugarcane, and garden produce healthy; 1 death from small-pox in Sirsi; slight fever in three talukas; common rice in Karwar 11 seers per rupee, in district average 13½ seers per rupee.
Rajkot ...	.....	Weather hot; general health fair; fever becoming prevalent; cholera continues in Dhrol and reappeared in Navanagar; *bajri* 27 and *juari* 33 lbs. per rupee.
		General Remarks.—Rain in Southern Mahratta Country and in parts of Satara, elsewhere weather fair; harvesting of *kharif* and sowing of *rabi* in general progress; injury by locusts continues in Násik, Ahmednagar, and Khandesh; locusts reported to be leaving the eastern talukas of Khandesh; fever and cattle-disease in many districts; slight cholera in some.
Bengal—(Oct. 18th)		
Chittagong ...	·39	Weather cloudy and stormy; two shocks of earthquake on 13th; prospects of crops fair; transplanting of *amun* nearly finished; prices steady; general health good.
Dacca ...	5·78	Prospects of crops good; jute harvest continues; sugarcane being cut.
24-Pergunnahs (Calcutta)	Alipore, 8·99	Harvesting of early rice and jute over, outturn above the average; sugarcane doing well; prospects of late rice much improved by copious rain of 15th; lands being ploughed for winter crops; price of common rice stationary; public health generally good; fever, as is usual in this season, prevalent in Diamond Harbour.
Moorshedabad ...	·50	*Amun* plants doing well; heavy rain of 15th very beneficial to crops; sowing of *rabi* crops commenced in some parts; fever prevalent in and about Rangamati and Nowada; cattle-disease reported from one taluk.
Rajshahye ...	5·5; Nattore, 5·20	Heavy rain has benefited crops generally; public health fair.
Burdwan ...	3·04; Cutwa, ·59; Culna, 4·02.	Weather cloudy, with strong variable winds; prospects of crops somewhat improved and crops being harvested; fever reported as usual at this time of year.
Rungpore ...	12·35	Heavy storm and wind and rain on 15th and 16th; prospects of crops good; jute harvest almost finished; public health good.
Bhagálpur ...	2·67	High wind continues; rain for two days; prospects of late rice improved; lands being prepared for *rabi* sowings; public health good.
Purneah ...	3·58	Prospects improved by late rain; lands being prepared for cold weather crops; fever very prevalent.
Patna ...	1·25	Prospects of crops good; lands being ploughed for *rabi* sowings; public health good.
Durbhunga ...	1·73	Rice prospects improved by rain; prices stationary; health middling.
Hazáribágh ...	3·10	Weather cloudy and showery; prospects of standing crops good; general health good.
Cuttack ...	4·89	Prospects of late rice crop excellent; public health good.
		General Remarks.—There was rain in all the reporting districts during the week, in some it was heavy, attended by high wind; the rain seems to have fallen generally over these provinces and will have greatly benefited the late rice crop which was much in want of rain, especially in some parts; this crop however is not expected to be a satisfactory one this year owing to previous deficient rainfall; autumn harvest has generally yielded a good crop, save in a few places where the outturn is said to have been below the average; sugarcane everywhere promising; ploughing for *rabi* crops proceeding with vigour, and in some places sowing has commenced; cholera still reported from a few places and fever prevalent in some district, elsewhere public health good.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
N. W. Provinces and Oudh—		
Benares (Oct. 17th)	1·0; Chandausi, ·50; Gungapur, ·70.	Weather fine; *rabi* sowings have commenced in some parts, but in others ploughings are going on; no sickness among men or cattle; prices steady.
Allahabad („ 18th)	No rain	*Rabi* sowings progressing; *bajri* harvest begun; prices rising slightly.
Gorakhpur („ 16th)	...	Weather fine; prospects good; *kharif* outturn up to average; public health good; prices steady.
Jhánsi („ „)	No rain	*Kharif* prospects are good; rice, *kodon*, and *rabi* are being cut; *rabi* sowings in progress; prices falling slightly.
Agra („ 17th)	No rain	*Kharif* harvesting and *rabi* ploughing continue; gram being sown; fever continues, but general health good; prices stationary.
Bareilly („ „)	No rain	Weather seasonable; *kharif* crops excellent; *rabi* sowings going on; cholera somewhat on the decrease; fever prevalent.
Meerut („ „)	.....	Weather clear and getting colder daily; health good; *rabi* sowings in progress; prices stationary.
Kumaun („ „)	.....	Weather seasonable; general health good; finer rice still to be cut; *rabi* operations in progress; prices somewhat cheaper; cattle-disease continues.
Lucknow („ 18th)	No rain	Prospects of crops fair; more rain wanted; prices steady; cholera disappearing, but fever prevalent.
Partabgarh („ 17th)	.....	Prices rising slightly; *rabi*, barley, peas, and gram sowings have germinated; slight cattle-disease at Kanda; cholera bad at Sadr tahsil, slight at tahsils Kanda and Patti.
Sitapur („ „)	.....	Occasional clouds, but no rain; wheat somewhat dearer owing to demand for seed; *juari* slightly cheaper; prices of other grains stationary; prospects fair; cattle-disease in two tahsils; cholera in Sitapur and Sidhauli.
Fyzabad („ „)	No rain	Gram, wheat, and peas sowings going on; ague and fever in two tahsils and cattle-disease in one.
Rae Bareli („ 16th)	No rain	Sky cloudy; more rain wanted for *rabi* crops; cholera still continues to be reported; autumnal fever prevalent; prices stationary.
Cawnpore („ 17th)	No rain	Weather hot and close; *kharif* harvesting and *rabi* sowings in progress; health good; prices slightly risen.
Farukhabad („ „)	No rain	Crops have suffered from want of rain; fever prevalent; prices steady.
		General Remarks.—No rain except in Benares; crops have suffered in Farukhabad for want of rain, and rain is wanted in Lucknow and Rae Bareli; prices show a tendency to rise; cholera continues in Rae Bareli, Partabgarh and Sitapur, and is disappearing in Lucknow, Moradabad, and Bareilly; fever is prevalent; cattle-disease continues in Fyzabad, Partabgarh, Saharunpur and Kumaun, and has appeared in Sitapur.
Punjab—(Oct. 17th)		
Delhi ...	No rain	Health good; average yield of crops expected; slight fall in prices.
Hissar ...	No rain	Health good; crops ripening; prospects of outturn unchanged.
Umballa ...	No rain	Health good; yield of crops expected to be somewhat below average; prices stationary, except wheat which is rising; *rabi* sowings in progress.
Jullundur ...	No rain	Health good; *juar* being reaped; prospects of crops good; prices falling.
Amritsar ...	No rain	Health good; prices stationary.
Lahore ...	No rain	Slight fever prevalent; prices stationary.
Ferozepore ...	No rain	Health good; prospects of crops good; prices stationary.
Sialkot ...	.....	Health good; crops about average; prices stationary.
Rawalpindi ...	No rain	Yield of crops above average; seasonal fever prevalent; slight fall in prices.
Peshawar ...	.....	Fever prevalent; crops being reaped; *rabi* sowings commenced; slight fall in prices.
Mooltan ...	No rain	Fever prevailing; crops being reaped; prices stationary.
Dera Ismail Khan ...	No rain	Fever prevalent; crops being reaped; slight rise in prices.
		General Remarks.—The health of the province continues generally good, though fever prevails in some districts; cattle-disease still prevails in some villages in the Shahpur district; there is a slight fall in prices of food-grains in some districts, but generally they are stationary; the prospects of the yield of crops is good, except in the Hissar Division and Umballa district, where it is expected to be below the average.
Central Provinces—		
Nagpur (Oct. 18th)	.....	Weather clear and hot, with occasional clouds; rain required for *kharif* crop in inferior soil, poor outturn expected; fever prevalent.
Jubbulpore ...	.....	Weather cloudy at times; *kharif* crops being reaped; *rabi* sowings commenced; prices stationary.
Sangor (Oct. 16th)	.....	*Kharif* harvest continues; *rabi* sowings have advanced; fever prevalent; prices steady.
Seoni („ 17th)	.....	Weather occasionally cloudy; *kharif* outturn below average, owing to deficiency of later rain; *rabi* sowings progressing; fever very prevalent; prices stationary.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Central Provinces— *contd.*		
Hoshangabad (Oct. 17th)	.....	Weather seasonable; *kharif* crops generally good; *rabi* sowings continue; fever reported; wheat 13 seers per rupee.
Raipur („ 14th)	.....	Weather oppressive; prospects favourable; fever reported; prices fluctuating; rice 41 seers per rupee.
Sambalpur („ 12th)	.....	Weather clear, with signs of cold weather; prospects of crops generally good; health good.
Khandwa („ 17th)	.....	Weather clear and warm; *rabi* sowings in progress; small-pox reported; prices steady; rice 12 seers per rupee.
		General Remarks.—Weather occasionally cloudy; mornings pleasant; *kharif* crops being harvested in some districts; *rabi* sowings in progress; rain would be beneficial; fever prevalent; prices stationary.
British Burma— (Oct. 14th)		
Akyab ...	3·14	Total rainfall 195·98; public health in town good; 13 deaths from cholera in district; cattle-disease in three townships; prospects of crops good.
Rangoon ...	5·35	Total rainfall 98·10; public health good; crops making progress.
Bassein ...	0·92	Total rainfall 118·44; public health good; 84 deaths from cattle-disease; condition of crops generally good, with the exception of some miscellaneous crops west of Ngawoon which have been injured by floods.
Prome ...	2·09	Total rainfall 48·70; public health good; 106 deaths from cattle-disease in two townships; more rain required to develop crops in parts of districts.
Amherst (Moulmein) ...	2·73	Total rainfall 193·35; public health both in Moulmein and district and prospect of crops good; no cattle disease reported.
Toungoo ...	3·62	Total rainfall 85·77; 2 deaths from cholera in one township, otherwise public health good.
		General Remarks—Cholera in Akyab and Tavoy, otherwise public health good; cattle-disease in several districts; general condition of crops satisfactory.
Assam—		
Gauhati (Oct. 17th)	3·30	Weather unfavourable, high winds blowing; lands being prepared for mustard and other dry crops; public health good.
Sylhet („ 19th)	2·41	State and prospects of crops very good; public health generally good.
Cachar („ 18th)	·34	Weather cloudy; about three-fourths of *aus* crop reaped; prospects of *sali* crop and public health good; common rice 22¾ seers per rupee; another but slight shock of earthquake at 8-45 P.M. on 14th instant, no damage.
Dibrugarh („ „)	3·20	Weather rainy; prospects of *sali dhan* good; cattle-disease decreasing; district healthy.
Mysore and Coorg— (Oct. 18th)		
Bangalore ...	1·50	Crops in very good condition; prospects favourable; prices unchanged.
Mysore ...	1·49	Prospects and public health good.
Mercara ...	4·15	*Ragi* harvesting continues, as also picking of cardamoms, yield indifferent; rice crops doing well; coffee crop ripening too fast; prices stationary; health good.
		General Remarks.—Rain has been general all over the Mysore State; reports from all districts favourable as regards prospects of season, condition of crops, and public health; prices of all food-grains easy.
Berar & Hyderabad— (Oct. 11th)		
Amráoti ...	.....	Crops in good condition; prices—wheat 16 and *juari* 28 seers per rupee.
Akola ...	.....	*Kharif* crops thriving; *rabi* sowings commenced.
Central India States—		
Indore ...	No rain	Weather clear; days are still hot, but mornings and evenings are cool; prospects and health good.
Morar (Gwalior) ...	No rain	Health and prospects good.
Sutna ...	No rain	Prospects and health good.
Neemuch ...	No rain	Weather seasonable; crops and public health good.
Goona ...	.....	Crops good; fever prevalent; wheat 21 seers per rupee.
Bhopal ...	No rain	Weather clear; prospects good.
Agar ...	No rain	Health and prospects good.
Nowgong ...	No rain	*Kharif* prospects good; health fair.
Manpur ...	No rain	*Juar* and *tur* crops during well; sowing of gram and cutting of rice crop commenced.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Rajputana—		
Abu (Oct. 18th)	.....	Weather clear and seasonable, mornings pleasant.
Sirohi („ 15th)	.....	Tanks, wells, health, and prospects good; weather seasonable.
Marwar („ 13th)	.....	About three months water in tanks; wells almost full; health good; crops ripening; cloudless sky; nights close and warm; winds low; prices falling rapidly.
Meywar ...	.....	No report received.
Harowti (Oct. 14th)	.....	Prospects favourable; gram sowings commenced; weather clear; health good.
Jhalawar („ 11th)	.....	*Rabi* sowings commenced; fever prevalent.
Ajmere („ 17th)	.....	Cholera disappeared; *makki* being reaped; ground being prepared for *rabi*.
Jeypore („ „)	.....	Crops being gathered, full average yield expected; health fair.
Ulwur („ 18th)	.....	Gathering of *kharif* in progress; *rabi* sowings commenced; fever continues.
Nepal—(Oct. 12th)		
Katmandu ...	No rain	Lovely weather; rice rapidly ripening.

E. C. BUCK,
Secy. to the Govt. of India.

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SUPPLEMENT TO

The Gazette of India.

Nº 43.} CALCUTTA, SATURDAY, OCTOBER 28, 1882.

OFFICIAL PAPERS.

A SUPPLEMENT *to the* GAZETTE OF INDIA *will be published from time to time, containing such Official Papers and information as the Government of India may deem to be of interest to the Public, and such as may usefully be made known.*

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GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

RAILWAY TRAFFIC.

PROCEEDINGS OF THE RAILWAY CONFERENCE HELD AT SIMLA IN SEPTEMBER 1882.

No. 1002R.T., dated Simla, October 10, 1882.

RESOLUTION—By the Government of India, Public Works Department.

Read again—

Public Works Department Resolution Nos. 354R.T. and 647R.T. of the 21st April and the 1st July 1882.

Read also—

Letter of the 26th September 1882, from Colonel F. S. Stanton, R.E., President, submitting the Proceedings of the Railway Conference held at Simla in September 1882.

OBSERVATIONS.—In accordance with Government of India Resolution No. 647R.T., now read again, the Conference of Railway Delegates assembled at Simla on the 4th September, and after holding twelve meetings was dissolved on the 19th idem.

2. The first business of the Conference was to revise the existing rules for the interchange of rolling-stock. This work occupied the time of eight and a half meetings; twenty-two rules were passed, and a resolution recorded that they should come into force on and from the 1st of January 1883.

3. Agreeable to the conditions accepted by the several Railway Companies, these rules will be binding on every railway represented at the Conference, one of these conditions being as follows:—

"It shall not be competent for any Railway Administration represented at the Conference to withdraw from any rule for the interchange of rolling-stock which has under these orders become binding thereon without giving one year's notice to the Government of India of such withdrawal, and no such notice shall be given within two years of the close of the Conference, or if given within that period, such notice shall be of no effect."

4. The following subjects were also discussed :—

I.—The time of engines exclusively employed in marshalling engines in locomotive yards.

II.—Mileage of engines between shed and station when the distance is considerable.

III.—Half-yearly analysis of working.

IV.—Freight on goods and parcels lost or damaged.

V.—Simplification of railway goods tariff.

VI.—Advices of alterations of tariffs.

VII.—Through booking of parcels.

VIII.—Through booking of dogs.

IX.—Arrangements for the comfort and convenience of lower class passengers.

X.—Treatment of miscellaneous items in the Revenue Account and the analysis of working.

XI.—Arbitration Act.

XII.—Brakes on wagons.

XIII.—Classes of passengers and goods of the Oudh and Rohilkhund Railway.

XIV.—Invoicing goods in through booking.

XV.—Railway clearing house.

XVI.—Through booking of coaching traffic.

XVII.—Freight on unclaimed goods and parcels.

XVIII.—Goods missent; haulage charge on.

XIX.—Route by which traffic should be despatched.

XX.—Transport of troops.

5. A minute on the subject of Retirement Funds signed by eight of the Delegates was recorded, with remarks thereon by the President.

RESOLUTION.—The Government of India trusts that the experience gained in the detailed arrangements necessary for the free interchange of rolling-stock has enabled the Conference to frame rules fully suitable for the purpose, and that it may be requited for the labour and careful consideration which has been devoted to the subject by the rules now passed being found in practice to meet all requirements.

2. The proposals with regard to subjects I, II, III, IV, VI, VII, VIII, XIV, XVI, XVII, XVIII, and XIX, mentioned above, are approved; they should be circulated to all Railway Administrations for information and guidance.

3. The Conference proposes that the question of simplifying the Railway goods tariff should be referred to a committee of traffic officers. Considering the intricate nature of the subject, this appears to the Government of India the most practical manner of dealing with it. The Secretary of State should be addressed with the view of obtaining the opinion of the several Boards of Directors on the proposal.

4. The Government of India has perused with much interest the papers recorded by the Delegates relating to the comfort and convenience of lower class passengers. These show that many improvements have of late been effected, but the subject is of such importance both as regards the Railway Administrations and the mass of the travelling public that it should be carefully kept in view, and it is trusted that endeavours will in no way be relaxed to render railway travelling more popular with the majority of the public by attention to their requirements, more especially in connection with several points which

were referred to the Conference. It should be borne in mind that 92 per cent. of the passenger traffic in India pertains to the lowest class, and it is evidently the interest of every Railway to foster this traffic to the utmost.

5. The suggestions on the method of dealing with miscellaneous items in the account and analysis should be considered by the Accountant General, Public Works Department, who should submit a report thereon for orders.

6. With the exception of one Delegate who did not record a vote, it was unanimously agreed by the Conference—

"That the Government of India be moved to pass a short Arbitration Act on the same basis as the 'Railway Companies' Arbitration Act, 1859' (22 and 23 Vic., Chap. 59), thereby establishing a Court of Arbitration, through which the rules of this Conference and agreements between the several railways may be enforced."

This question should be referred to the Legislative Department for consideration.

7. The suggestion regarding the classes of passengers and goods of the Oudh and Rohilkhund Railway should be communicated to the Secretary of State for the information of the Board of the Company, with the remark that the Government of India fully concurs in the desirability of effecting the proposed change.

8. The minutes of the Conference on the subject of the transport of troops should be referred to the Military Department for consideration and such action as may be deemed necessary.

9. The thanks of the Government of India should be communicated to all members of the Conference for the care and attention they have bestowed on the subjects brought before them.

ORDER.—Ordered, that this Resolution, together with the proceedings of the Conference, be communicated to the Governments, Administrations, and Officers marginally noted for information and guidance, and to the Chief Commissioners, British Burma and Assam, the Agents to the Governor General, Rajputana, Central India, and Beluchistan, and the other Departments of the Government of India for information.

The Governments of Madras, Bombay, Bengal, North-Western Provinces and Oudh, and the Punjab.
The Chief Commissioner, Central Provinces.
The Resident at Hyderabad.
The Director General of Railways.
The Consulting Engineers to the Government of India for Guaranteed Railways.

Ordered, also, that this Resolution be communicated to the Secretary of State, and published for general information in the Supplement to the *Gazette of India*.

W. S. TREVOR, *Colonel, R. E.*,
Secretary.

RAILWAY CONFERENCE, 1882.

Proceedings of the Conference of Railway Delegates assembled at Simla on the 4th of September 1882, in accordance with Government of India, Public Works Department, Resolution Nos. 354R.T. and 647R.T., dated the 12th April and the 1st July 1882 respectively.

No. 1.

The Conference assembled at the Office of the Director General of Railways at noon on Monday, the 4th September 1882.

PRESENT:

Colonel F. S. Stanton, R.E., Director General of Railways . . . . . *President.*

Jabez Lightfoot, Esq., Officiating Agent, Delegate from Sind, Punjab and Delhi Railway Company.
G. L. Calder, Esq., Auditor and Chief Accountant, Delegate from Eastern Bengal Railway Company.
H. F. Payne, Esq., Traffic Superintendent, Delegate from Oudh and Rohilkhund Railway Company.
A. M. Saunders, Esq., Agent and Manager, Delegate from Madras Railway Company.
W. S. Betts, Esq., Agent, Delegate from South Indian Railway Company.
Major L. Conway-Gordon, R.E., Deputy Accountant General, Public Works Department, Delegate from State Railways. *Members.*
W. C Furnivall, Esq., C.E., Agent and Chief Engineer, Delegate from Bengal Central Railway Company.
T. W. Wood, Esq., Agent, Delegate from Bombay, Baroda and Central India Railway Company.
H. Conder, Esq., General Traffic Manager, Delegate from Great Indian Peninsula Railway Company.
Urban Broughton, Esq., Officiating Traffic Manager, Delegate from East Indian Railway Company.

Major R. A. Sargeaunt, R.E. . . . . *Secretary.*

The following officers also attended the meeting :—

David Ross, Esq., C.I.E., Traffic Manager, Sind, Punjab and Delhi Railway Company; and H. E. Church, Esq., Traffic Manager, Madras Railway Company.

The following Resolution by the Government of India and its enclosure No. 1 was considered as read and recorded :—

No. 354R.T., dated 21st April 1882.

RESOLUTION—By the Government of India, Public Works Department.

Proposed Conference to revise the General Rules for the interchange of Rolling Stock.

Read—

Despatch No. 28 Railway, dated 16th February 1882, from the Secretary of State.

Read again—

Public Works Department Resolution Nos. 1080-1104R., dated 13th March 1879, and Nos. 0145-0165 R.T., dated 10th February 1880.

Read also—

Despatch No. 83R.T., dated 1st July 1881, to the Secretary of State, and enclosures.

OBSERVATIONS.—Some difficulty having been experienced in the working of the general rules for the interchange of rolling-stock, which were framed at the Railway Conference of 1879, it has been suggested by the Secretary of State, after communication with the Boards of the several Companies concerned, that the rules should be reconsidered.

2. As for the proper framing of a revised set of rules the careful consideration of many technical and intricate details is necessary, the Government of India has deemed it expedient to entrust the work to a Railway Conference. That the Conference may have a fitting *locus standi*, the appended rules for the conduct of business have been approved by the Secretary of State and the East Indian, the Eastern Bengal, the Oudh and Rohilkhund, the Sind, Punjab and Delhi, the Madras, the Bombay, Baroda and Central India, and the Great Indian Peninsula Railway Companies.

RESOLUTION.—The proposal to entrust the revision of the rules for the interchange of rolling-stock having been agreed to by the several Railway Companies concerned, and the rules for the conduct of business having been settled, the Governor General in Council has decided that the Conference be called at some conveniently central place, such as Poona, or else at Simla, in the month of August or September next, the actual place and date being decided by a majority of votes of the Agents of the Guaranteed Railway Companies. The first business of the Conference will be to revise the rules for the interchange of stock, but opportunity may well be taken to consider other questions of general Railway interest. Railway Administrations should therefore be instructed to submit to Government, not later than the 10th of June, questions they desire to be discussed, in order that they may be circulated before the meeting of the Conference.

2. The Agents of the Guaranteed Railway Companies (including the South Indian) should be requested to nominate Delegates to represent their Railways, and to state the time and place within the limits above mentioned which would be most convenient, and the Director General should appoint a Delegate for State Railways.

3. A copy of the Secretary of State's despatch No. 28 Railway, dated 16th February 1882, and enclosures, should be circulated for information.

Enclosure No. I to Public Works Department Resolution No. 354R.T., dated 21st April 1882.

Orders for the conduct of business at the Railway Conference proposed to be held in India in 1882, and for giving effect to the rules passed.

1. The first and principal business of the Conference shall be to revise, the rules for the interchange of rolling-stock passed in 1879.

2. Each Railway Company, the gauge of whose line is 5′ 6″, and the State Railways shall be represented at the Conference by one Delegate nominated by the several Agents and the Government respectively.

3. Besides the one Delegate other officers of the Railway Companies represented may, by the desire of their Agents, attend the meetings, but they can take no part in the proceedings.

4. The President of the Conference shall be appointed by Government. He will direct the proceedings, and vote only in the case of an equal division.

He shall be entitled to submit proposals for consideration and decision. His decision as to whether questions proposed for discussion shall be considered or not shall be final.

He may at his discretion admit any subject relating to other questions than the rules for the interchange of rolling-stock for consideration, on the proviso that the decision arrived at will require confirmation of higher authority.*

* For questions affecting Guaranteed Railways "higher authority" means the Board of Directors and the Government of India.

5. With the exception of the actual rules for the interchange of rolling-stock, every or any question before the Conference, referred to the Conference with the approval of Government, shall be decided by a majority of votes, and such decision shall, subject to the proviso in clause 4 above, be binding on all parties represented.

6. The actual rules for the interchange of stock shall be decided by a majority of votes, but any Delegate can dissent from any particular rule or rules, unless passed by at least two-thirds of the Delegates. Any rule passed by at least two-thirds shall be binding on all Railways represented.

7. Any dissent under clause 6 above must be recorded at the time the rule dissented from is passed, and shall require the confirmation of the Board of Directors or of the Government of India, as the case may be. Unless such dissent is so confirmed within six months of the close of the Conference, it shall be null and void, and the rule dissented from shall be binding on the Railway whose Delegate has recorded his dissent.

8. It shall not be competent for any Railway Administration represented at the Conference to withdraw from any rule for the interchange of rolling-stock which has under these orders become binding thereon without giving one year's notice to the Government of India of such withdrawal, and no such notice shall be given within two years of the close of the Conference, or if given within that period, such notice shall be of no effect.

9. Should any difference of opinion as to the interpretation of any rule for the interchange of stock passed at this Conference subsequently arise between any parties concerned, the question shall, on representation, be referred by the Director General of Railways to the several Agents of the Railway Companies working under the Conference rules, and the decision of the majority shall be binding, the Director General in case of an equal division having the casting vote.

The first and principal business of the Conference being to revise the rules for the interchange of rolling-stock passed at the Conferences of 1879 and 1880, it was decided to read and discuss those rules one by one.

Mr. Betts having no interest in the rules for the interchange of rolling-stock on broad gauge lines, took no part in the discussion of these rules.

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1. *Rule* I.*—Proposed by Mr. Conder, seconded by Mr. Saunders—

"That Sunday be considered a *dies non*."

This being supported by Mr. Wood alone, was lost.

It was then put to the Meeting—

"That Rule I stand as in the original Rules."

For.	
Mr. Furnivall. „ Lightfoot. „ Payne. „ Calder. Major Conway-Gordon. Mr. Broughton.	The other Delegates did not vote.

Carried.

* The Rules quoted in these Minutes are numbered in accordance with the Rules of 1879 and 1880; and the Rules passed at this Conference have been arranged under a new series of numbers and printed consecutively as part of the proceedings,—see minute No. 108, page 40.

2. *Rule II.*—Proposed by Mr. Conder, seconded by Mr. Broughton—

That the following words be added to Rule II, *viz.*—

"or at such time and in such way as may be arranged between the Railways forming the junction."

Carried "nem. con."

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3. *Rule III.*—Proposed by Mr. Broughton, seconded by Mr. Conder—

That Rule III read thus:—

"Passenger carriages, horse-boxes, carriage-trucks, brake-vans and passenger road or luggage vans, are, irrespective of contents, to be in all cases reckoned as coaching vehicles, whether they run upon passenger or goods trains. All other kinds of vehicles are to be reckoned as goods vehicles, also irrespective of contents."

Proposed as an amendment by Mr. Payne, seconded by Mr. Wood—

That in Rule III the following words be inserted between the words "boxes" and "carriage," *viz.*, "or wagons carrying passengers or horses."

For.	*Against.*
Mr. Payne. „ Wood. „ Lightfoot. „ Calder.	Mr. Furnivall. „ Saunders. „ Broughton. „ Conder. Major Conway-Gordon.

The amendment was lost.

The original proposal was then put to the Meeting.

For.	*Against.*
Mr. Broughton. „ Conder. „ Saunders. „ Furnivall. Major Conway-Gordon.	Mr. Wood. „ Payne. „ Calder.

Mr. Lightfoot did not vote.

Carried.

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4. *Rule IV.*—Proposed by Major Conway-Gordon, seconded by Mr. Lightfoot—

That the following clause be added to Rule IV, *viz.*—

"But in case of accidental missending beyond original destination, mileage both ways and demurrage (if incurred), but no penalty, shall be paid upon the vehicle until it has passed the original point of missending on its return journey."

For.	*Against.*
Major Conway-Gordon. Mr. Lightfoot. „ Broughton. „ Calder. „ Saunders. „ Furnivall. „ Wood.	Mr. Conder. „ Payne.

Carried.

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5. *Rule IV.*—Proposed by Mr. Conder, seconded by Mr. Payne—

That for the words "per diem" in clause 1, Rule IV, be substituted the words "per day or part of a day."

Carried "nem. con."

6. *Rule IV.*—Proposed by Mr. Broughton, seconded by Mr. Lightfoot—That the following be added to Rule IV, *viz.*:—

"If goods are required to be sent to a station beyond the original destination, the consignment may be sent on in the original wagon without penalty."

For.	*Against.*
Mr. Broughton.	Mr. Conder.
„ Lightfoot.	„ Saunders.
„ Calder.	
„ Payne.	
„ Furnivall.	
„ Wood.	
Major Conway-Gordon.	

Carried.

7. *Rule IV.*—Proposed by Mr. Saunders, seconded by Mr. Wood—

That the following clause be added to Rule IV, *viz.*:—

"In the event of a wagon being missent, the Railway so missending shall pay to the Railways over whose lines the vehicle runs owing to the error, a haulage rate at two-thirds of a pie per mile per ton of carrying capacity in both directions in lieu of freight. The missending Railway must also pay the mileage due, if any, to the owning Railway."

The Conference adjourned till 11 a.m. on the following day.

No. 2.

The Conference re-assembled at 11 a.m. on Tuesday, the 5th September.

PRESENT.—As at Meeting No. 1.

The proceedings of the previous Meeting were read and confirmed.

8. *Rule IV.*—Proposed by Mr. Saunders, seconded by Mr. Conder—

"That the further discussion of Rule IV be postponed to a future Meeting."

Carried "nem. con."

9. *Rule V.*—Proposed by Mr. Conder, seconded by Mr. Lightfoot—

"That clauses 1 and 2 of Rule V stand."

Carried "nem. con."

10. *Rule V.*—Proposed by Mr. Conder, seconded by Major Conway-Gordon—

"That clause 3 of Rule V be considered together with Rule VI."

Carried "nem. con."

11. *Rule VI.*—Having been read, the discussion of it was postponed.

12. *Rule VII.*—Having been read, it was unanimously agreed that it should stand without alteration.

13. *Rule VIII.*—Proposed by Mr. Lightfoot, seconded by Mr. Broughton—

That the following be substituted for clause 1 of Rule VIII:—

"The mileage charge on coaching vehicles to be seven pies per mile, both on the outwards and the return journey, except that no mileage is to be charged on coaching vehicles not used for ordinary traffic, unless under load."

Carried "nem. con."

14. *Rule VIII.*—Proposed by Mr. Lightfoot, seconded by Major Conway-Gordon—

"That clause 2 of Rule VIII be expunged."

For.	*Against.*
Mr. Lightfoot.	Mr. Broughton.
Major Conway-Gordon.	„ Payne.
Mr. Conder.	„ Wood.
„ Calder.	
„ Saunders.	
„ Furnivall.	

Carried.

15. *Rule IX.*—Proposed by Major Conway-Gordon, seconded by Mr Saunders—

That the following clause be added to Rule IX:—

"In the case of a ferry by which coaching vehicles are crossed over a river where the rails are not continuous, an extra allowance for crossing of twelve hours each way to be made."

For.	
Major Conway-Gordon.	
Mr. Saunders.	
„ Conder.	**The other delegates did not vote.**
„ Calder.	
„ Furnivall.	
„ Wood.	

Carried.

16. *Rule X.*—It was unanimously agreed that Rule X stand without alteration.

17. *Rule XI.*—Accepted as it stands without dissent.

18. *Rule XII.*—Proposed by Mr. Lightfoot, seconded by Major Conway-Gordon—

That after the word "junction" the following be added, *viz.*:—

"It shall be optional with the receiving Railway to tranship, at its own cost, the contents of any wagon containing a load of less than half its carrying capacity.

Carried "nem. con."

19. *Rule XII.*—Proposed by Major Conway-Gordon, seconded by Mr. Conder—

That the following clause be added after the addition to Rule XII passed in paragraph 18:—

"In case of a ferry by which vehicles are crossed where the rails are not continuous, it shall be optional with the Railway owning the ferry, in lieu of

crossing the vehicle over, to tranship the load at the nearest station to the ferry where the work can be done; advice of such transhipment being sent to the owning Railway."

Carried "nem. con."

20. *Rule XII.*—Proposed by Mr. Broughton, seconded by Mr. Payne—

That the following be added to Rule XII :—

"In case a Railway cuts off a vehicle short of its destination for its own convenience, the mileage on that vehicle shall be paid to destination."

Proposed as an amendment by Mr. Lightfoot, seconded by Mr. Saunders—

That the following wording be substituted for that proposed :—

"To avoid demurrage, it shall be optional with the receiving Railway to tranship at its own expense the contents of a foreign wagon at any point short of destination, and mileage shall cease at the point of such transhipment, notice being sent to the owning Railway within seven days."

For.	*Against.*
Mr. Lightfoot. „ Saunders. „ Furnivall. „ Wood. „ Conder. „ Calder. Major Conway-Gordon.	Mr. Broughton. „ Payne.

Carried.

21. *Rule XII.*—Proposed by Mr. Broughton, seconded by Mr. Conder—

That in Rule XII after the words "in all other respects" the following be inserted :—"except as provided in Rule XI."

Carried "nem. con."

22. *Rule XII.*—It was agreed without dissent that the last clause of Rule XII should stand.

23. *Rule XIII.*—Unanimously accepted without alteration.

The Conference adjourned till the following day.

No. 3.

The Conference re-assembled at 11 A.M. *on Wednesday, the 6th September.*

PRESENT.—As at Meeting No. 1.

The proceedings of the previous Meeting were read and confirmed.

24. *Rule I.*—Proposed by Mr. Conder, seconded by Mr. Saunders—

That the following be added to Rule I, *viz.* :—

"That for the purposes of these rules the ton shall in all cases be reckoned as equivalent to 27 maunds."

Carried "nem. con."

25. *Rule IV.*—Proposed by Mr. Saunders, seconded by Mr. Wood—

That in lieu of the proposal recorded in paragraph 7, the following clause be added to Rule IV, *viz.* :—

"In the event of a wagon being missent, the Railway so missending shall pay to other Railways over whose lines the vehicle runs, owing to the error, a haulage rate of one pie per mile per ton of carrying capacity in both directions in lieu of freight. The missending Railway must also pay ordinary mileage due, if any, to the owning Railway."

Carried "nem. con."

26. *Rule IV.*—Proposed by Mr. Payne, seconded by Mr. Broughton—

That the following be substituted for the original Rule IV :—

"Empty vehicles must be returned to the owning Railway by the exact route and junction by which they were received loaded.

"Vehicles under load must be returned to the owning Railway by way of the nearest route and junction.

"For any departure from the above Rules for return of vehicles, the Railway so missending any vehicle shall pay to the owning Railway a penalty of Rs. 22 per day or part of a day from the time each vehicle was missent until it returns to a station on the route by which it should have been sent."

For.	
Mr. Payne. „ Broughton. „ Conder. „ Calder. „ Saunders. „ Lightfoot. Major Conway-Gordon.	The other delegates did not vote.

Carried.

27. *Rule IV.*—Proposed by Mr. Broughton, seconded by Mr. Payne—

That the following be added before the penalty clause of Rule IV as passed in paragraph 26 :—

"Vehicles of one Railway may not be reloaded by another Railway, except in the direction of or beyond the owning line."

Carried "nem. con."

28. *Rule IV.*—Proposed by Mr. Broughton, seconded by Major Conway-Gordon—

"That vehicles may be diverted without penalty for distances not exceeding 15 miles in one direction (and for longer distances by mutual agreement) for the purpose of obtaining a return load."

Carried "nem. con."

29. *Rule IV.*—Proposed by Mr. Conder, seconded by Mr. Lightfoot—

"That penalty paying vehicles shall also be subject to ordinary mileage and demurrage charges."

Carried "nem. con."

30. *Rule XIV.*—Proposed by Mr. Broughton, seconded by Major Conway-Gordon—

"That, subject to the proviso in Rules XIII and XVIII, payment be made to the owning Railway at the rate of two-thirds of a pie per ton per

mile on the weekly aggregate weight charged between any two stations for the contents of all vehicles of one Railway which may be run on another Railway on the outward journey.

"That no mileage be paid to the owning Railway on a return load by any Railway which loads a wagon back to or beyond the owning line; but the Railway beyond the owning Railway on to which wagons are sent with such return load must pay mileage under usual rules to the owning Railway.

"That mileage be paid on any return load sent in a wagon of another Railway to any station short of the owning line."

Proposed as an amendment by Mr. Conder, seconded by Mr. Payne—

That the following be substituted for the first paragraph of the above proposal, *viz.* :—

"That, subject to the provisions of Rules XIII and XVIII, payment be made to the owning Railway for not less than 3 tons for each goods vehicle, at the rate of two-thirds of a pie per mile per ton or fraction of a ton of goods conveyed in each vehicle of one Railway on the line of another Railway on the outward journey."

For.	*Against.*
Mr. Conder.	Major Conway-Gordon.
„ Payne.	Mr. Broughton.
„ Saunders.	„ Lightfoot.
	„ Furnivall.
	„ Wood.
	„ Calder.

The amendment being lost, the original proposal was put to the Meeting.

For.	*Against.*
Mr. Broughton.	Mr. Conder.
Major Conway-Gordon.	„ Payne.
Mr. Lightfoot.	„ Saunders.
„ Furnivall.	
„ Wood.	
„ Calder.	

Carried.

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31. *Rule VI.*—The following proposals were placed before the Meeting and discussed:—

Suggested by Mr. Conder—

"*Rule VI.*—In cases in which the stock of either Railway is damaged upon the line of another Railway, the actual time occupied in making the repairs, but not more than ten days beyond the time allowed for the return of stock, shall be allowed free of demurrage for its repair. But if the damage is such that it will take more than ten days to complete the repairs, the vehicle shall be returned to the owning Railway within the ten days.

"In addition to the ten days, the time occupied in accordance with usual mileage rules for any necessary material, &c., required for its repair to reach the place where the damaged vehicles may be is to be also allowed free of demurrage, and the time under usual mileage and demurrage rules for working the wagon back to the owning Railway shall be also allowed free of demurrage.

"If not sent within that period either repaired or not repaired, demurrage will be charged after the expiration of the specified free allowances, unless specially exempted by the Traffic Manager of the owning Railway.

"Any demurrage caused by delay in forwarding such material is to be paid by the Railway causing the delay. Notice must be sent by the Traffic Managers of the Railways concerned, within one month, to the owning Railway in all cases how and when the damage took place, and the nature of it.

"And in cases where the damage is repaired by the owning Railway, the claim for the cost of such repairs shall be made within three months of the date at which the repairs are completed. But the cost of repair to any vehicle damaged upon any Railway other than the owning Railway, which amounts to less than Rs. 10, is to be paid by the Railway which carries out the repair."

Suggested by Major Conway-Gordon—

"*Rule VI.*—Notice shall be sent within one month to the owning Railway how and when any damage to rolling-stock took place, and the nature of it.

"No claim shall be admitted for the cost of repairs of stock unless sent to the Railway which is responsible for the payment of it, within three months of the time at which the repairs are completed, and no claim shall be submitted for damage not exceeding Rs. 10 [or Rs. 5].

"Ten additional days for the actual repairs, plus the actual time required for the conveyance of material from the owning line, shall be allowed free of demurrage in the case of damage to the stock of a Railway on the line of another Railway. If the damage be such as will require more than ten days to carry out the actual repairs, the stock must be returned to the owning Railway. If the repaired stock be not sent within the free allowance of time, or if the stock unrepaired be not sent within ten days, demurrage will be charged after the expiration of the free allowance or the ten days, as the case may be, unless specially exempted by the Traffic Management of the owning Railway."

Rule VI.—Suggested by Mr. Lightfoot—

That Rule VI remain as at present, subject to the following modification:—

"I.—That the free time be increased to ten days.

"II.—That no demurrage shall be incurred in consequence of delay in forwarding owning Railway's material from whatever cause arising, and the period of such delay, if any, shall be added to the free allowance."

Rule VI.—Proposed by Major Conway-Gordon, seconded by Mr. Broughton—

"That the actual time occupied in the conveyance of material required for repairs be allowed as free time, in addition to such other free allowances as may be passed under this Rule."

For.	*Against.*
Major Conway-Gordon.	Mr. Payne.
Mr. Broughton.	„ Conder.
„ Calder.	„ Furnivall.
„ Saunders.	„ Wood.
„ Lightfoot.	

Carried.

Rule VI.—After further discussion it was decided that ten days should be substituted for the six days now allowed, and that damages under Rs. 10 should be paid by the Railway carrying out the repairs. The Secretary was then asked to draft a new Rule VI to embrace these points for consideration at a subsequent Meeting.

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32. *Rule XV.*—Proposed by Mr. Broughton, seconded by Mr. Furnivall—

"That Rule XV stand."

Proposed as an amendment by Mr. Conder, seconded by Mr. Payne—

"That the free allowance be fixed at 6 miles an hour, and that twelve hours be allowed free at each junction at which a wagon passes from one Railway on to another. This allowance at the junction to belong to the Railway on to which the wagon passes. The other provisions of Rule XV which are not affected by these proposals to remain as at present."

The Conference adjourned till the following day.

No. 4.

The Conference re-assembled at 11 A.M. on Thursday, the 7th September.

PRESENT.—As at Meeting No. 1.

The proceedings of the previous Meeting were read and confirmed.

33. *Rule VI.*—Proposed by Major Conway-Gordon, seconded by Mr. Lightfoot—

That Rule VI stand as follows, *viz :—*

"In cases in which the stock of any Railway is damaged upon the line of another Railway, the actual time occupied in making the repairs, but not more than ten days in addition to the time allowed for the return of stock under the usual mileage rules, shall be allowed free of demurrage for its repair. But if the repairs cannot be completed in ten days, the vehicle shall be despatched to the owning Railway within that time.

"In addition to the free allowances prescribed in the first paragraph the actual time occupied in conveyance of material for repairs from the owning line shall be allowed free of demurrage in the case of damaged stock of one Railway repaired on the line of another Railway.

"If the damaged stock be not returned either repaired or not repaired within the period allowed, demurrage will be charged after the expiry of such period, unless specially exempted by the Traffic Manager of the owning Railway.

"Notice must in all cases be sent by the Traffic Manager of the Railway on which the damage occurred, within one month, to the owning Railway, how and when the damage took place, and the nature of it.

"In cases where the damage is repaired by the owning Railway, the claim for the cost of such repairs shall be made within three months of the date at which the repairs are completed.

"The cost of repair to any vehicle damaged which does not exceed Rs. 10 is to be paid by the Railway which carries out the repair."

For.	
Major Conway-Gordon. Mr. Lightfoot. „ Broughton. „ Calder. „ Saunders. „ Furnivall. „ Wood.	The other delegates did not vote.

Carried.

Mr. Conder and Mr. Payne did not vote, but their objection is only to the second clause. *(See paragraph 31.)*

34. *Rule IV.*—Proposed as an addition to Rule VI by Major Conway-Gordon, seconded by Mr. Lightfoot—

"That no freight be charged for material sent for repairs of damaged stock, or for the haulage of wagons carrying damaged stock back to the owning Railway."

Proposed as an amendment in addition by Mr. Payne, seconded by Mr. Wood—

"But in the case of damaged stock loaded up for return to the owning Railway, if the damage be clearly traceable to defect of material or workmanship, haulage shall be paid by the owning Railway for the transport of the damaged stock over other Railways."

For.	*Against.*
Mr. Payne. „ Wood.	Mr. Lightfoot. „ Calder. „ Conder. „ Broughton. „ Saunders. „ Furnivall.

The amendment being lost, the original proposal was put to the Meeting.

Carried "nem. con."

35. *Rule XV.*—The Conference returned to the consideration of Rule XV.

Proposed by Mr. Lightfoot, seconded by Mr. Saunders, as a second amendment to Mr. Broughton's proposal in paragraph 32—

That Rule XV stand thus, ***viz :—***

"Goods vehicles to be allowed one hour for every six miles run on a foreign line, and thirty-six hours for unloading and twenty-four hours for reloading at destination, and twelve hours at intermediate stations for each of these operations, free of demurrage."

The original proposition and Mr. Conder's amendment being withdrawn, Mr. Lightfoot's amendment became the substantive proposition.

For.	*Against.*
Mr. Lightfoot. „ Saunders. „ Broughton. „ Calder. „ Furnivall.	Mr. Conder. „ Payne. „ Wood. Major Conway-Gordon.

Carried.

36. *Rule XV.*—**Proposed by Major Conway-Gordon, seconded by Mr. Saunders—**

That the following be added to Rule XV :—

"In the case of a ferry by which goods vehicles are crossed over a river, where the rails are not continuous, an extra allowance for crossing of twelve hours each way, or such time as may be mutually agreed upon, be given free of demurrage ; and when such allowance of time is made, mileage shall be paid for loaded stock transferred by such ferry upon half the time so allowed."

Carried "nem. con."

37. *Rule XVI.*—Proposed by Mr. Payne, seconded by Mr. Broughton—

"That this rule stand."

Proposed as an amendment by Major Conway-Gordon, seconded by Mr. Saunders—

That after the words "rate of" in the rule the words "eight annas per vehicle per hour" be substituted for the words "one anna per ton of carrying capacity per hour."

For.	*Against.*
Major Conway-Gordon. Mr. Saunders. „ Wood.	Mr. Calder. „ Conder. „ Broughton. „ Furnivall. „ Payne. „ Lightfoot.

The amendment being lost, the original proposal was put to the Meeting.

Carried "nem. con."

38. *Rule XIX.*—Proposed by Mr. Conder, seconded by Mr. Payne—
"That this rule stand."

Carried "nem. con."

39. *Rules XX, XXI, and XXII.*—Proposed by Mr. Conder, seconded by Mr. Payne—
That these Rules be placed after Rule VI, under "General."

Carried "nem. con."

40. *Rule XX.*—Proposed by Mr. Conder, seconded by Mr. Lightfoot—

That the word "demurrage" be inserted after the word "mileage" in the Rule.

Carried "nem. con."

41. *Rule XXI.*—It was unanimously agreed that this Rule should stand, with the substitution of the word "vehicles" for "wagons."

42. *Rule XXII.*—Proposed by Mr. Lightfoot, seconded by Mr. Broughton—

That Rule XXII stand, with the following addition, *viz.*:—

"No claim for mileage, demurrage, or penalty shall be preferred after a lapse of six months."

Carried "nem. con."

43. *Rule II.*—Proposed by Mr. Lightfoot, seconded by Mr. Conder—

That the following be added to Rule II:—

"But stock is not to be considered as accepted by the Railway on to which it is going at any junction station until it and the load it may contain are in a condition to be taken on by the Railway on to which it is going; and mileage, demurrage, &c., must be paid by the Railway bringing it to the junction until it is put into that condition."

Carried "nem. con."

44. *Rules XVII, XVIIA, and XVIII.*—Proposed by Mr. Conder, seconded by Mr. Wood—

"That these Rules be considered together."

For.	
Mr. Conder. „ Wood. „ Saunders. „ Broughton. „ Calder. „ Furnivall. „ Payne. Major Conway-Gordon.	Mr. Lightfoot did not vote.

Carried.

45. The Conference proceeded to discuss the provisions of these Rules, when certain proposals* were put forward for consideration, which it was decided should be printed and circulated to the delegates before the next Meeting.

* Printed below.

Suggestions circulated for consideration.

Rules XVII, XVII(a), and XVIII.—Suggested by Mr. Broughton, seconded by Major Conway-Gordon—

That these Rules stand, with the following modifications:—After the word "wagons" in Rule XVII, insert—"provided that return loads are available." At the end of the same Rule be added—"the penalty under Rule XVIII applying."

That in Rule XVII (*a*) for the word "such" in line 4, read "the whole;" and that this Rule form part of Rule XVII.

Suggested by Mr. Conder and by Mr. Payne—
"That these Rules be expunged."

Suggested by Mr. Lightfoot—

"1. That Rules XVII and XVII (*a*) be abolished, and Rule XVIII remain intact.

"2. That in the event of Rules XVII and XVII (*a*) remaining in force, and the forwarding Company being called upon to receive wagons in equalisation when it is inexpedient for the forwarding Company to accept such wagons, it shall reduce by one-half the mileage charges upon all of its own wagons thereafter sent on to the receiving line until such time as the traffic is again equalised.

"3. That an intermediate Railway shall not call upon the adjoining Railway to accept stock in exchange for wagons passing over its entire system, unless the terminal Company requires it to do so; and then only to the same extent as the wagons of the forwarding Company exceed the agreed number."

Suggested by Mr. Conder that it be put on record as a Resolution of the Conference, in accordance with a decision upon a recent arbitration—

That all the vehicles, of whatever Railway, handed to any Railway at a junction on the outward journey are to be accepted and dealt with only as vehicles of the Railway which brings them to the junction; and vehicles which are returned to a junction after an outward journey are to be treated as vehicles of the Railway to which they are so returned.

The Conference adjourned till Saturday, the 9th September.

No. 5.

The Conference re-assembled at 11 A.M., on Saturday, the 9th September.

PRESENT.—As at Meeting No. 1, with the exception of Mr. Saunders, who was unavoidably absent owing to ill-health.

Mr. Church put in the following letter appointing him to assume the duties of delegate from the Madras Railway Company:—

TO THE PRESIDENT OF THE RAILWAY CONFERENCE.

SIR,—As I am unfortunately unable to be present to-day owing to illness, I have the honour to request that the vote of the Madras Railway Company may in my absence be exercised by Mr. H. E. Church.

I have the honour to be,

SIR,

Your obedient servant,

9th September 1882. ARTHUR M. SAUNDERS,

Agent and Manager.

The proceedings of the previous Meeting were read and confirmed.

46. *Rules XVII, XVII a), and XVIII.*—Proposed by Mr. Broughton, seconded by Major Conway-Gordon—

"That these Rules stand, with the following modifications:—After the word 'wagons' in Rule XVII, insert—'provided that return loads are available.' At the end of the same Rule be added—'the penalty under Rule XVIII applying."

"That in Rule XVII (*a*), for the word 'such' in line 4, read 'the whole'; and that this Rule form part of Rule XVII."

Proposed by Mr. Conder, seconded by Mr. Payne, as an amendment—

"That these three Rules be expunged."

Proposed by Mr. Wood, seconded by Mr. Lightfoot, as a second amendment—

"That these three Rules be retained subject to modification on further discussion."

For.	*Against.*
Mr. Wood.	Mr. Conder.
,, Lightfoot.	,, Payne.
,, Calder.	
,, Church.	
,, Broughton.	
,, Furnivall.	
Major Conway-Gordon.	

The second amendment was carried.

47. After considerable discussion on Rules XVII, XVII (*a*), and XVIII several suggestions were put in, and it was decided that these should be circulated for consideration at the next Meeting.

48. *Rule II.*—Proposed by Mr. Conder, seconded by Mr. Payne—

That it be put on record as a Resolution of the Conference, in accordance with the decision upon a recent arbitration—

"That all the vehicles, of whatever Railway, handed to any Railway at a junction on the outward journey are to be accepted and dealt with only as vehicles of the Railway which brings them to the junction; and vehicles which are returned to a junction after an outward journey are to be treated as vehicles of the Railway to which they are so returned."

Carried "nem. con."

49. The further consideration of the rules for the interchange of rolling-stock was postponed to a future meeting, and the Conference proceeded to the other business which had been laid before it, and on these questions Mr. Betts took part in the discussion.

THE TIME OF ENGINES EXCLUSIVELY EMPLOYED IN MARSHALLING ENGINES IN LOCOMOTIVE YARDS.

50. Proposed by Mr. Conder, seconded by Major Conway-Gordon—

That the following be added to Rule 8 of the Rules for the Record of Train Mileage and Engine Duty:—

"or for engines employed in marshalling engines or for other purposes within the limits of the locomotive yards."

Carried "nem. con."

Rule 8 will therefore stand as follows:—

"No record is to be kept of the time occupied in lighting fires, and getting in and out of shed, or for engines employed in marshalling engines, or for other purposes within the limits of the locomotive yards."

MILEAGE OF ENGINES BETWEEN SHED AND STATION WHEN THE DISTANCE IS CONSIDERABLE.

51. Proposed by Mr. Lightfoot, seconded by Mr. Broughton—

"That Rule 8 be held to apply in such cases."

Proposed as an amendment by Mr. Wood, seconded by Mr. Cander—

"That in cases where the shed is one mile or more from the place where trains start, the engine mileage shall be included under item 6, 'Miscellaneous Services,' no record being kept when the distance is less than a mile."

For.	*Against.*
Mr. Wood.	Mr. Broughton.
,, Conder.	,, Calder.
,, Church.	,, Lightfoot.
,, Payne.	,, Betts.
,, Furnivall.	Major Conway-Gordon.

The votes being evenly divided, the President gave a casting vote against the amendment, and the original proposal was carried.

HALF-YEARLY ANALYSIS OF WORKING.

52. The views of the Conference were invited on a suggestion to add to the half-yearly analysis of working an item 115A to show the average cost of hauling a goods unit one mile, including interest on capital expended at the rate of 5 per cent. per annum, the interest being allocated between coaching and goods, as laid down for item 18 of the Analysis.

Proposed by Mr. Broughton, seconded by Mr. Lightfoot—

"That the Conference sees no objection to the suggestion made."

Proposed as an amendment by Mr. Wood, seconded by Mr. Betts—

"That the Conference is of opinion that interest on capital outlay is not a working expense, and cannot be accurately defined in connection with any particular section of traffic. It fails, therefore, to see the advantage of the suggestion before it."

The amendment being lost, the original proposal was carried.

The Conference adjourned till Monday, the 11th September.

No. 6.

The Conference re-assembled at 11 A.M., on Monday, the 11th September.

PRESENT.—As at Meeting No. 1.

The proceedings of the previous Meeting were read and confirmed.

The Conference returned to the consideration of the Rules XVII, XVII (*a*) and XVIII for the interchange of rolling-stock.

53. *Rules XVII and XVII* (*a*).—Proposed by Major Conway-Gordon, seconded by Mr. Broughton—

"That the principle which at present finds expression in Rule XVII (*a*), *viz.*, that Rules XVII and XVII (*a*) do not come into force until the daily average excess of wagons passing the junction in one direction exceeds a certain minimum, be adhered to."

Proposed as an amendment by Mr. Conder, seconded by Mr. Lightfoot—

"That the principle of fixing a minimum be applied to Rule XVIII as well as to Rules XVII and XVII (*a*)."

For.	*Against.*
Mr. Conder.	Mr. Broughton.
„ Lightfoot.	„ Calder.
„ Payne.	„ Saunders.
„ Wood.	Major Conway-Gordon.
	Mr. Furnivall.

The amendment being lost, the original proposal was put to the Meeting.

For.	
Major Conway-Gordon.	
Mr. Broughton.	
„ Calder.	
„ Saunders.	Mr. Conder did not vote.
„ Payne.	
„ Lightfoot.	
„ Furnivall.	
„ Wood.	

Carried.

54. *Rule XVII* (*a*).—Proposed by Mr. Payne, seconded by Mr. Saunders—

"That the average weekly excess per diem referred to in the previous Resolution be fixed at sixty (60)."

Proposed by Mr. Broughton, seconded by Major Conway-Gordon, as an amendment—

"That the excess be limited to a weekly average of 30 per day as at present."

Proposed by Mr. Wood, seconded by Mr. Lightfoot, as a second amendment to Mr. Payne's proposal with reference to present Rules XVII and XVII (*a*)—

"That the average daily excess for one week be not a defined number but 5 per cent. of the receiving Railway's authorised wagon stock open to exchange to be named yearly."

For.	*Against.*
Mr. Wood.	Mr. Conder.
„ Lightfoot.	„ Calder.
„ Payne.	„ Broughton.
	„ Saunders.
	„ Furnivall.
	Major Conway-Gordon.

The second amendment being lost, the first amendment was put to the Meeting.

For.	*Against.*
Mr. Broughton.	Mr. Payne.
Major Conway-Gordon.	„ Saunders.
Mr. Conder.	„ Lightfoot.
„ Calder.	„ Wood.
„ Furnivall.	

Carried.

55. *Rules XVII and XVII* (*a*).—Proposed by Mr. Lightfoot, seconded by Mr. Payne—

That the following form the first portion of the new Rule in substitution of Rules XVII and XVII (*a*):—

"When the excess number of wagons taken over by any one Railway shall exceed a daily average of 30 for one week, the receiving Railway may call upon the forwarding Railway to take over a sufficient number of wagons to bring this excess within the prescribed limit of thirty; and in the event of the forwarding Railway not intimating within 48 hours after notice of tender by the receiving Railway its intention to accept such wagons, a charge of two rupees per day per wagon shall be paid as a rebate on mileage by the forwarding Railway upon the number of wagons not accepted."

For.	*Against.*
Mr. Lightfoot.	Mr. Broughton.
„ Payne.	„ Furnivall.
„ Conder.	Major Conway-Gordon.
„ Calder.	
„ Saunders.	
„ Wood.	

Carried.

56. *Rule XVII.*—Proposed by Mr. Conder, seconded by Mr. Lightfoot—

"That no notice shall be valid unless given by wire within three days after the close of a week by the receiving Railway of its intention to offer wagons in carrying out the ruling in paragraph 55, and that the two rupees shall not be charged until the expiry of 48 hours after the despatch of the notice by the receiving Railway."

Carried "nem. con."

57. *Rule XVIII.*—Proposed by Mr. Broughton, seconded by Major Conway-Gordon—

That Rule XVIII stand with the following modification:—

For the portion commencing "certain daily" and ending "its own stock" read:—"a number of wagons at its disposal daily at the junction for traffic to and *viâ* the receiving line; and in the event of failure to comply within one week, the sending Railway shall be entitled to charge Rs. 15 a day per wagon short supplied, independent of ordinary mileage, demurrage and penalty, which may accrue under the Rules on the stock actually running with through traffic."

Proposed as an amendment by Mr. Conder, seconded by Mr. Lightfoot—

That "Rs. 12" be substituted for "Rs. 15."

For.	*Against.*
Mr. Conder.	Major Conway-Gordon.
„ Lightfoot.	Mr. Broughton.
	„ Calder.
	„ Saunders.
	„ Payne.
	„ Furnivall.
	„ Wood.

The amendment being lost, the original proposal was put to the Meeting.

For.	*Against.*
Mr. Broughton.	Mr. Conder.
„ Saunders.	„ Calder.
„ Payne.	„ Lightfoot.
„ Furnivall.	
„ Wood.	
Major Conway-Gordon.	

Carried.

58. *Rule XVIII.*—Proposed by Mr. Calder, seconded by Mr. Broughton—

That the following addition be made to the Rule passed in paragraph No. 57 after the words "carrying capacity" in the last line but one of the original Rule XVIII:—

"Provided also that in case of famine or other public necessity, failing an adequate supply of wagons by the receiving Railway to the Railway

on which the traffic originates, and should it appear to the satisfaction of the Government of India that the sending Railway will in consequence be denuded of wagons to the serious injury or loss of its local traffic, it shall be optional to the sending Railway to temporarily discontinue interchange of stock without notice."

For.	*Against.*
Mr. Calder.	Mr. Saunders.
„ Broughton.	„ Conder.
„ Lightfoot.	„ Wood.
	„ Furnivall.
	„ Payne.
	Major Conway-Gordon.

Lost.

The Conference adjourned until the following day.

No. 7.

The Conference re-assembled at 11 A.M., on Tuesday, the 12th September.

PRESENT.—As at Meeting No. 1.

The proceedings of the previous Meeting were read and confirmed.

59. *Rule VIII.*—Proposed by Mr. Conder, seconded by Mr. Broughton—

That the following words be added to the Rule passed under paragraph 13:—

"'Ordinary traffic' is to be understood to be only regular public trains which are advertised to carry passengers, and to include reserved accommodation on such trains: private carriages, troop extra trains, private special trains and special passenger trains put on for such occasions as fairs, &c., are not to be considered as ordinary traffic."

Carried "nem. con."

60. Proposed by Mr. Conder, seconded by Mr. Broughton—

"That the interchange of stock be carried on until the end of the present year under the Rules in force before this Conference assembled, and that the Rules for interchange of stock passed at this Conference be in force on and after the 1st of January 1883, until cancelled or modified in accordance with the Rules for the conduct of business at this Conference, which are recorded on the proceedings."

Carried "nem. con."

61. *Rules XVII and XVII* (*a*).—Proposed by Mr. Payne—

That in the Rule passed in paragraph 55, the words "at any one junction" be inserted after "by any one Railway."

This proposal not being seconded, was not put to the Meeting.

62. *Rules XVII and XVII* (*a*).—Proposed by Major Conway-Gordon, seconded by Mr. Broughton—

That the first portion of the Rule passed in paragraph 55 read thus:—

"When the aggregate excess number of wagons taken over by any one Railway from any other Railway shall exceed, &c."

For.	*Against.*
Major Conway-Gordon.	Mr. Payne.
Mr. Broughton.	
„ Wood.	
„ Furnivall.	
„ Saunders.	
„ Calder.	
„ Conder.	
„ Lightfoot.	

Carried.

63. *Rules XVII and XVII* (*a*).—Proposed by Mr. Wood, seconded by Mr. Conder—

That the following be added to the Rule passed in paragraphs 55 and 56:—

"When any two Railways have more than one junction with each other, all such junctions shall be regarded for the purposes of this Rule as one junction only."

For.	*Against.*
Mr. Wood.	Mr. Payne.
„ Conder.	
„ Broughton.	
„ Saunders.	
„ Lightfoot.	
„ Furnivall.	
„ Calder.	
Major Conway-Gordon.	

Carried.

64. *Rules XVII and XVII* (*a*).—Proposed by Mr. Payne, seconded by Mr. Broughton, as an addition to the Rule in paragraphs 55 and 56—

"But the receiving Railway shall only tender at each junction such proportion of the total excess as was received at that junction."

Carried "nem. con."

65. *Rules XVII and XVII* (*a*).—Proposed by Mr. Lightfoot, seconded by Mr. Broughton—

"That the calculations made under the provisions of the Rule passed in paragraph 55 shall be exclusive of wagons returning to the owning Railway."

Carried "nem. con."

66. *Rules XVII and XVII* (*a*).—Proposed by Mr. Conder, seconded by Mr. Wood—

That paragraph 56 be modified as follows:—

After the word "wire" add "or in any other way that may be mutually agreed upon."

Carried "nem. con."

67. *Rule XVIII.*—Proposed by Mr. Lightfoot, seconded by Major Conway-Gordon—

That the Rule passed in paragraph 57 be amended thus:—

For the words "fifteen rupees a day per wagon" read "one and a half rupees per diem per ton of wagon carrying capacity." And to insert between the words "wagons" and "than" the words "at each junction;" and also between the words "stock" and "based" the words "at that junction."

For.	
Mr. Lightfoot.	Mr. Conder did not vote.
Major Conway-Gordon.	
Mr. Broughton.	
„ Calder.	
„ Saunders.	
„ Payne.	
„ Wood.	
„ Furnivall.	

Carried.

68. The following was admitted by the President as a question outside the Rules for the interchange of stock, *viz.*,—

That, inasmuch as Mr. Conder considers the arrangement made in paragraph No. 6 for sending goods forward beyond the original destination in the same wagon as that in which they were received at the original destination (which under the constitution of the Conference the Great Indian Peninsula Company will abide by) to be in regard to the goods not only not legal, but also very undesirable.

Mr. Conder proposes, seconded by Mr. Payne—

"That, unless otherwise mutually arranged, any Railway which allows goods to be sent on beyond the original destination shall be alone responsible for all claims and other consequences which may arise after the goods have reached their original destination."

Proposed as an amendment by Mr. Broughton, seconded by Major Conway-Gordon—

"That the question of liability of any Railway under these circumstances must depend upon the peculiarities of each case."

For.	*Against.*
Mr. Broughton.	Mr. Conder.
Major Conway-Gordon.	„ Payne.
Mr. Calder.	„ Wood.
„ Saunders.	
„ Furnivall.	
„ Lightfoot.	
„ Betts.	

The amendment was carried.

The Conference adjourned till the following day.

No. 8.

The Conference re-assembled at 11 A.M., on Wednesday, the 13th September.

PRESENT.—As at Meeting No. 1.

The proceedings of the previous Meeting were read and confirmed.

FREIGHT ON GOODS AND PARCELS LOST OR DAMAGED.

69. Proposed by Mr. Lightfoot, seconded by Mr. Conder—

"That all freight on goods and parcels lost or damaged shall be debited to compensation account in addition to the amount of the claim."

Carried "nem. con."

SIMPLIFICATION OF RAILWAY GOODS TARIFF.

70. Proposed by Mr. Saunders—

"That the classification list of goods should be reduced by adopting as nearly as practicable the Commodity Statement introduced by the Government of India for statistical purposes, which now accompanies every Revenue Account issued half-yearly; the principal articles of produce appearing as main heads, while other articles of commerce are shown as sub-heads under the above."

This proposal not being seconded was not put to the Meeting.
Recorded.

Proposed by Mr. Lightfoot—

"That it is advisable, as far as possible, to have uniform conditions for the carriage of goods, but that the matter is of such a difficult nature that it should be referred to a Special Committee of Traffic Officers for consideration upon

the basis that rates issued to the public should be simplified and all conditions owing to greater cost of working heavier gradients or varying capacity of rolling stock be settled between the Railways themselves."

This proposal not being seconded was not put to the Meeting.
Recorded.

Proposed by Mr. Broughton, seconded by Major Conway-Gordon—

"That the Conference considers that simplification of classification and of conditions is desirable; but it is not prepared to discuss the question in detail, and it suggests that the matter should be referred to a Committee of Traffic Officers, with instructions to recommend simplifications as far as they can be made consistently with the interests of the public and of the several Railways."

Carried "nem con."

71. Proposed by Mr. Wood, seconded by Major Conway-Gordon—

"That it is desirable that such Committee of Traffic Officers should assemble at as early a period as can be agreed on between Government and the Boards of the several Railway Companies."

Proposed as an amendment by Mr. Conder, seconded by Mr. Broughton—

"That the Boards of Directors of the Railways concerned be asked to take any necessary action if they should assent to the proposal passed in paragraph 70, the Conference being of the opinion that early steps should be taken in the matter."

For.	*Against.*
Mr. Conder.	Major Conway-Gordon.
„ Broughton.	Mr. Saunders.
„ Calder.	„ Wood.
„ Payne.	„ Betts.
	„ Furnivall.
	„ Lightfoot.

The amendment being lost, the original proposal was put to the Meeting.

For.	*Against.*
Mr. Wood.	Mr. Conder.
Major Conway-Gordon.	„ Broughton.
Mr. Betts.	„ Calder.
„ Furnivall.	„ Payne.
„ Lightfoot.	
„ Saunders.	

Carried.

72. Proposed by Mr. Saunders, seconded by Mr. Lightfoot—

"That the two first propositions in paragraph 70 which were not seconded be recorded for reference to the proposed Committee for consideration."

For.	
Mr. Saunders.	The remaining delegates did not vote.
„ Lightfoot.	
„ Wood.	
„ Furnivall.	

Carried.

ADVICES OF ALTERATIONS OF TARIFFS.

73. Proposed by Mr. Conder, seconded by Mr. Broughton—

"That instead of the present arrangement under which each Railway provides all the necessary copies of all rate and fare lists for all stations of all other Railways for through booking, each Railway shall in future supply copies (not less than twelve, or in such numbers as may be arranged from time to time) only to the Traffic Managers of those Railways with which they have junctions, each Railway respectively giving all necessary rate and fare lists of other Railways to their own stations and to the Traffic

Managers of other connected Railways that they may in like manner advise their own stations. But any Railway requiring more copies may, in order to avoid reprinting, obtain on payment from the Railway to which the lists refer any additional number of copies."

Carried "nem. con."

74. With the view of obtaining uniformity of practice regarding advices of alterations in tariffs, Mr. Broughton made the following proposals:—

(1) That advices shall be sent of all changes on or before the 20th of each month, and of alterations consequent thereon by the receiving Railway not later than the end of the month. That advices so sent become operative one month after the 1st of the month following the date of advice.

This was seconded by Mr. Conder and

Carried "nem. con."

(2) That printed advices (12 copies, or such other number as may be agreed on) be sent only once a month to all Railways with which there is through booking, a "*nil*" form being sent when no alteration is proposed.

This was seconded by Mr. Payne and

Carried "nem. con."

THROUGH BOOKING OF PARCELS AND DOGS.

75. After discussion of this subject, certain suggestions were put forward, and it was decided that these should be circulated for consideration at the next Meeting.

The Conference adjourned till the following day.

No. 9.

The Conference re-assembled at 11 A.M., on Thursday, the 14th September.

PRESENT.—As at Meeting No. 1.

The proceedings of the previous Meeting were read and confirmed.

THROUGH BOOKING OF PARCELS.

76. Proposed by Mr. Broughton, seconded by Mr. Payne—

"That the charges for parcels be as follows:—

	1st 100 miles.	Every additional 100 miles.	
Not exceeding 5 seers or 1 cubic foot	3 annas	1 anna.	Subject to a maximum charge of one rupee for a parcel not exceeding 5 seers irrespective of distance.
„ 10 „ 2 „ feet	6 „	3 annas.	
„ 20 „ 4 „ „	10 „	5 „	
„ 40 „ 8 „ „	12 „	6 „	
For every additional 10 seers or fraction of 10 seers.	3 „	1½ „	

Fish, fruit, vegetables, bazaar baskets, meat in small quantities and ice, at half parcel rates, subject to a minimum of 2 annas.

The ordinary rule as to fractions of an anna to apply to these rates.

The charge to be reckoned on the through distance as if it were one Railway, with one minimum only, and to be divided in mileage proportion."

Carried.

Mr. Conder did not vote.

THROUGH BOOKING OF DOGS.

77. Proposed by Mr. Wood, seconded by Mr. Lightfoot—

"That the charge for dogs be 4 annas for every 50 miles, divided in mileage proportion between the Railways concerned."

Carried "nem. con."

ARRANGEMENTS FOR THE COMFORT AND CONVENIENCE OF LOWER CLASS PASSENGERS TRAVELLING BY RAIL.

78. The following remarks were laid before the Conference, and notes* by the several Delegates put in.

* Printed below.

This subject has constantly been under consideration, and has received considerable attention from Railway Administrations; but much still remains to be done before the question can be said to have been completely and satisfactorily solved.

Admissions to waiting sheds.

(1). At many of the larger stations the waiting sheds are open to the station-yards, and the lower class passengers can obtain shelter at whatever hour they may arrive. This arrangement appears good, and might, with advantage, be made universal as far as practicable.

Means of procuring tickets.

(2). Under the Railway Act of 1879, Railway Administrations are bound to exhibit at each station a time-table and tariff in one or more vernacular languages. These should be fixed in a conspicuous place where they can be seen and studied before the tickets are purchased. It is believed that this is now generally done, but probably not to the full extent desirable. These vernacular tariffs should be put up in, say, half a dozen different places in every third class waiting shed. The ticket offices should be open for the sale of tickets a considerable time before the departure of trains; this time would naturally vary with the number of passengers to be booked, but should be based on most liberal considerations and regulated by stringent traffic orders. At all large stations where the passengers are numerous, the ticket offices should not only be open for a considerable time before departure of trains, but their number should be increased, so that the present crowding outside ticket windows might be done away with.

Limit of numbers per carriage.

(3). In accordance with General Rule 14 the maximum number that each compartment will carry has to be exhibited both inside and outside in the vernacular language. It appears right that this number should vary at different seasons of the year, more space being allowed in the hotter months. It is believed that steps in this direction are now taken on some lines, but the practice might be made more general, and perhaps still more space allowed than is customary, particularly in the case of long-distance passengers. Six passengers per lateral compartment would really pay, and we should hear of fewer deaths in trains if this number was the limit in the hot weather.

Supply of water *en route*.

(4). It is very essential in common humanity that passengers should be able to obtain an ample and ready supply of drinking-water, especially in the hot season. As it is inconvenient to allow the native passengers to alight for this purpose at intermediate stations where the stoppage is short, a sufficient staff of water-carriers, both Hindu and Mussalman, should be ready to hand water to the passengers in the carriages. This staff is now generally provided, but in many cases in insufficient numbers to meet the demand for water during the stoppage of the train. Where the train stops a sufficient time at a station, passengers should be able to leave their carriages and supply themselves from stand-pipes on the platforms; this could easily be done if the compartments were not so crowded. The Punjab Northern Railway has provided these stand-pipes on many of their platforms.

Locking carriage doors.

(5). The practice as regards the locking of carriage doors differs on the various lines, and this question may well receive consideration. When both doors are locked, which should seldom be necessary, there should be a sufficient staff of ticket examiners to promptly unlock all the doors of the train when it halts for any time at a station, so that the passengers may have time to get out and purchase refreshments, or attend to the calls of nature.

(6). The Military Department has specially asked for latrine accommodation in the third class carriages supplied to troop trains. The possibility of this being given, and then how it should be done, might be discussed in connection with the above remarks.

Sind, Punjab and Delhi Railway.

Most of the arrangements detailed above have been in force on the Sind, Punjab and Delhi Railway for years, and will be briefly noticed under the respective heads given.

Admission to waiting sheds.

(1).—At all our first and second class stations (excepting Mooltan cantonment), and at many of the third class stations, waiting sheds, halls or rooms are provided, and are open to the station yards, to which access is obtained at any time. The third class booking offices are also in direct connection with these sheds, so that passengers can obtain their tickets without difficulty, and as a rule one hour before the train by which they are proceeding starts.

Means of procuring tickets.

(2).—Time-tables, fares and goods tariffs are printed in English, Urdu and Hindi, and are exhibited on the platforms, waiting sheds, outside verandahs, goods sheds, and also supplied gratis to all police thanas, court-houses, dâk bungalows, hotels, &c., as also to the principal traders within a radius of thirty miles of each station. The intermediate and third class fares from each station are posted up at all stations, as also the current price list of sweetmeats and refreshments required by native passengers. This latter information is obtained periodically from the local district authorities.

Ticket offices at first and second class stations are kept always open, and at third and fourth class stations one or two hours before the train starts; or in a press of traffic the time is extended as traffic requirements demand.

When large fairs or religious gatherings, such as the Hardwar, Basakhi, Dewali, Chiragan, occur, ticket offices (somewhat similar to moveable sentry boxes) are scattered about the station yard for the issue of third class tickets. Return tickets are also granted, available for one month, to prevent the necessity of re-booking.

Limit of numbers per carriage.

(3).—Our rule is to carry ten third class passengers in each lateral compartment in the cold season and eight in the hot weather. This gives every accommodation which can reasonably be expected. The proposed limit to six in each compartment is, in my opinion, too low. The number in double-storied carriages and those without seats are also regulated according to the season.

The maximum number of passengers each carriage can carry is painted in the vernacular and English on the side of the carriage; but not the limit for the hot season. This might be done.

Supply of water.

(4).—At all stations Hindu watermen and Mahomedan bhisties are in regular attendance on all trains. The number is regulated by the traffic of each station. When a press of passengers occurs from any cause, extra men are employed to supply third class passengers with water according to requirements.

As our carriages are not locked, passengers can leave the train at any station to proceed to the latrines. No stand-pipes are provided on our platforms. If this was done, it would be a great improvement, and should remove any shadow of complaint that may now exist.

Locking carriage doors.

(5).—Our carriages are left unlocked on both sides, so that passengers can leave the train at any station; and this they fully avail themselves of. But this step is often attended with considerable risk, danger, and sometimes accident.

Hindu and Mahomedan refreshment vendors attend trains at all stations, and walk along the platform to supply passengers with sweetmeats, &c., in the carriages.

Improved intermediate or upper class carriages to those at present in use are now under construction for native gentlemen and ladies.

DAVID ROSS,
Traffic Manager, S. P. and D. Railway.

SIMLA;
15th September 1882.

Remarks by the Delegate for the Eastern Bengal Railway.

Admission to waiting sheds.

1. The existing arrangements on the Eastern Bengal Railway are understood to provide all that is considered necessary in this direction.

Means of procuring tickets.

2. The requirements of the Railway Act of 1879 are fully complied with on the Eastern Bengal Railway. The time-table and tariff printed in the vernacular of the district are exhibited in convenient places at all stations where they can be seen and studied by the public. Convenient arrangements are also made for the sale of tickets; and at the larger stations on special occasions the number of booking offices is increased in order to avoid crowding.

Limit of numbers per carriage.

3. On the Eastern Bengal Railway the number of passengers permitted to be carried in each compartment, or where there are no compartments in each vehicle, is exhibited both outside and inside in the vernacular. But on a short line like the Eastern Bengal Railway it has not been considered necessary to further limit the number permitted to be carried during the hot weather, the space allowed being considered ample for all seasons; and in regard to this it is understood the Government officers concur.

Supply of water *en route*.

4. The arrangements for the supply of water *en route* to passengers on the Eastern Bengal Railway has had much attention; and the Railway officers, it is believed, have on all occasions readily complied with the wishes of the Government in this respect.

Locking carriage doors.

5. The orders of Government in respect to locking carriage doors are strictly complied with. Doors are locked on one side only, except when approaching terminal stations where tickets are collected, where it is necessary to lock both sides. At intermediate stations the doors on the platform side are always unlocked; and at stations where the train halts for any time to permit the purchase of refreshments, &c., passengers are on the stoppage of the train at once at liberty to get out.

6. With regard to the provision of latrine accommodation in third class carriages, it is understood that [illegible] are objections to the general provision of such accommodation at night [illegible] as to render it undesirable. The latrine accommodation at all stations on the railway has had much attention. The extent of the accommodation and the habits of the people have been duly considered, and it is believed are amply provided for. Care is devoted to the maintenance of cleanliness and to render the accommodation as little offensive as possible.

The carriage of troops on the Eastern Bengal Railway in large bodies is a rare occurrence; and it is believed that, should the necessity arise, special arrangements of a less objectionable nature could be made to meet the occasion than the provision of latrine accommodation in third class carriages.

Remarks by the Delegate of the Oudh and Rohilkhund Railway.

1. Waiting sheds are all open to the station yards; and lower class passengers can obtain shelter at whatever hour of the day or night they may arrive.

Close to some of the larger stations serais have been constructed by municipalities, where individuals and families can be accommodated in comfort during long halts; and this system should be extended.

2. Time-tables and tariffs in English and two vernacular languages are fixed in the open waiting sheds above referred to.

Ticket windows are opened, and issue commences half an hour or an hour before trains are *due to arrive*.

3. Every lower class carriage bears inside and outside a painted notice stating the maximum number of passengers which each compartment will carry.

From the 15th April to the 15th October the number of passengers allowed in a lower class compartment is reduced from 10 to 8.

4. The supply of water to both Hindus and Mahomedans is good and sufficient. In the summer months the number of watermen is increased to meet the increased wants, and at changing stations, say 50 miles apart, ample time is given for passengers to alight and supply their own wants at good wells, &c., provided by the Railway Company.

5. Doors are locked on one side only, in accordance with the orders of Government; never on both sides. At checking stations the number of ticket examiners and collectors is sufficient to perform their very necessary duties promptly, avoiding undue detentions to passengers.

6. Latrines have as an experiment been supplied to certain carriages reserved for Native females; and the effluvium from these carriages, although well and frequently cleaned, is very offensive, even after short service. Latrines in carriages give rise to many nuisances on the main line of railway, and more particularly on points and crossings, at entrances to stations, &c. Ample time is given every 50 miles for passengers to visit latrines provided at changing stations.

(Sd.) H. F. PAYNE.

Minute by the Delegate of the Madras Railway.

1. On the Madras Railway waiting sheds have been provided at nearly all stations; trees have also been planted in station compounds, and shelter under both is much availed of by native passengers. Station-masters have strict orders to keep waiting sheds open to the public during all hours.

2. Vernacular time-tables and fare lists are exhibited in the third class waiting sheds at all stations on the Madras Railway. At the principal stations the ticket windows are kept open all day long, and at other stations for not less than one hour before each train starts. This information is printed on the top of each window, and the orders regarding them are strictly enforced on Station-masters by Traffic and other officers.

3. The number of passengers allowed to be placed in each compartment is shown as directed by the Government of India. In the Madras Presidency the heat is not so excessive as in the north of India; and being pretty much the same all the year round, this Company is not prepared to reduce the number during any portion of the year, the fares on this Railway being the lowest in India (two pies per mile only). The gradients also on the line being excessively heavy, the number of carriages on the trains is limited; and to carry out the present proposal would necessitate the running of extra trains, which, under the circumstances of the case, this Company consider they would not be justified in doing.

4. The system of supplying water to passengers *en route* is carefully carried out on the Madras Railway. Very few, if any, complaints have been received on this point; and wherever it has seemed that more water-carriers were needed, they have been supplied.

5. The doors of passenger carriages are only locked on one side, in accordance with the orders of the Government of India. The trains stop at stations for from three minutes to twenty or more; and every facility is given to passengers who wish to leave the carriages to attend to the calls of nature in the latrines which are most conveniently situated at all the stations. Platform refreshments are supplied by contractors, who attend all trains and offer their wares at the carriage windows.

6. The Madras Railway do not consider it desirable to supply latrine accommodation in third class carriages. The experiment has been tried elsewhere and not found satisfactory.

ARTHUR M. SAUNDERS,
Agent and Manager, Madras Railway.

SIMLA;
16th September 1882.

South Indian Railway.

1. With two exceptions (at Madura and Tanjore, for which plans and estimates will shortly be submitted to Government), waiting sheds open to the station yards have been provided at the larger stations.

Admission to waiting sheds.

2. A vernacular time-table and tariff is exhibited at each station. It is believed that all ticket offices are open for the sale of tickets in sufficient time to prevent inconvenience to travellers. In practice it is found that the bulk of passengers do not arrive at the stations more than half an hour before the advertised time of departure of trains.

Means of procuring tickets.

3. In the southern portion of the Madras Presidency the range of temperature during the year is not so great as it is in Central and Northern India. It has not been considered necessary therefore to vary the number of passengers to be carried in third class carriages.

Limit of numbers per carriage.

4. Men are employed at all stations to supply drinking-water to passengers in the trains. At the larger stations trains stop a sufficient time to enable passengers to leave the carriages and obtain water from the station supply.

Supply of water *en route*.

5. Doors are not locked; they are secured by Italian or safety catches. Whenever a passenger wishes to alight at a platform, these catches are easily and quickly lifted by the porters.

Locking carriage doors.

WILLIAM S. BETTS,
Agent.

SIMLA;
15th September 1882.

Great Indian Peninsula Railway.

In reply to the remarks in the memorandum for the consideration of the Railway Conference printed above, which relate to the "Arrangements for the convenience and comfort of the lower class passengers," Mr. Conder states the following as to the Great Indian Peninsula Railway in regard to each of the points named, *viz.*,—

1. The practice of letting the public come into the waiting sheds whenever they arrive at the stations is carried out at the larger stations, and it is extended to as many of the stations as is found to be practicable.

Admission to waiting sheds.

2. The time-tables are exhibited at all Great Indian Peninsula stations in English and in the vernacular.

Means of procuring tickets, &c.

The fares from the principal starting places, Bombay, Jubbulpore, &c., are shown on those tables.

Separate printed lists showing the fares from each station to every other station are also put up in English at all stations. These separate lists will also be put up in the vernacular at the principal places.

The ticket offices are open for at least an hour before trains start at all places, and at all large stations they are open for two hours or even longer. At places where there are many trains they are practically almost always open.

There is, however, not much good in this so far as the public are concerned, because it is found in practice that intending passengers do not often apply for tickets until shortly before the trains are to start.

3. The number to be carried in each carriage is already put in English and in the vernacular, both inside and outside, on all third and fourth class carriages. If there are a few of these carriages on which it is not yet put, it is being added to them.

Limit of numbers per carriage.

The number authorized to be put in each third and fourth class carriage is 50, but the instructions are that in the hot weather only 40 are to be put in

each, and also that at other times of the year not more than that number are to be put in if it can be avoided.

Most of the Great Indian Peninsula third and fourth class carriages are of the saloon pattern; but a proportion, if not all, new carriages, and renewal of those classes will be of the pattern which have lateral compartments, and each compartment will be marked to carry ten; these, however, will (except upon emergency) carry only eight in the hot weather.

Supply of water *en route*.

4. The Great Indian Peninsula Railway provide staff at the stations to supply water to passengers in trains.

These men are of different castes so as to meet the various classes of passengers.

Locking carriage doors.

5. The practice on the Great Indian Peninsula Railway is to lock the doors on one side only. The carriage doors are all fitted with a catch in addition to the door latch and the lock.

There are sufficient ticket collectors and examiners and others to open doors at stations; and at stations where trains stop for more than five minutes, the doors are opened and passengers are allowed to alight.

Native refreshments are sold under authorized arrangements at most of the stations on the Great Indian Peninsula Railway.

Latrine accommodation in third class carriages supplied in troop trains.

6. Latrines cannot be provided in carriages of any class which have lateral compartments. Latrines are provided in the second class carriages which are of the saloon pattern, and these carriages are supplied as much as possible for the conveyance in troop trains of invalids (not in invalid carriages) and women and children.

But the Great Indian Peninsula Railway have not enough second class carriages to provide them for all troops, and third class have therefore been accepted by Government rather than incur the expense of increasing the number of second class carriages. The Great Indian Peninsula Railway Company put latrines in a considerable number of third class carriages, but they were found to be so offensive and objectionable from the way in which they were used, or rather misused, that they became a complete nuisance, besides being a source of danger to health. It has therefore been determined, with the concurrence of the Consulting Engineer to Government, to abandon them, and to adopt almost, if not quite, exclusively carriages with lateral compartments. Troop trains halt at frequent intervals to allow troops to alight; and as practically invalids and women and children are conveyed in carriages which are fitted with latrines, and as latrines are provided at all stations for the public, it is thought that all reasonable requirements are met on that Railway, both for troops and the public.

East Indian Railway.

Admission to waiting sheds.

1. Waiting sheds are always open, except the entrance to the platform, and we are gradually extending the sheds both in number and dimensions.

Means of procuring tickets.

2. We are arranging to book the passengers in the sheds wherever practicable, and we open the booking windows so as to enable all passengers to obtain their tickets before the trains arrive.

Limit of numbers per carriage.

3. Our carriages have been largely increased in width since the present limit per compartment was fixed, and I do not think there is any crowding which would render a reduced limit in hot weather needful. I will, however, look specially into the question and report to our Agent.

We punish severely any of our staff if a case of overcrowding is detected. I have frequently counted the numbers, but have never, during, say, the last four or five years, found more than ten in a compartment.

Supply of water.

4. This is a point on which we think we excel. We put on extra men at all stations during the hot months of the year.

Locking carriage doors.

5. Doors are *never* locked on both sides of our carriages, and we increase the staff until we arrive at the release of all the passengers in the train in 3 to 3½ minutes.

Latrine accommodation.

6. We have latrines at every station. In our new time-table we have provided halts for passengers, and if we find these halts to be insufficient, we will increase them in number and length as may be necessary.

But to provide latrine accommodation in the trains, we should create a nuisance in the trains themselves, as no amount of water and disinfectants would prevent bad smells, whilst the permanent-way would be so far affected as to involve serious consequences as regards labor for keeping the permanent-way in order.

URBAN BROUGHTON.

Bombay, Baroda and Central India Railway.

The Agent, Bombay, Baroda and Central India Railway Company, read the following extract from the Traffic Manager's memorandum, dated Bombay, 21st August 1882, to the Agent:—

ARRANGEMENTS FOR COMFORT OF LOWER CLASS PASSENGERS.

This is an important matter and deserves attention.

We are very particular to have booking offices opened early so that passengers may obtain their tickets with comfort, leisurely examine their change, and avoid being hustled.

At our Bombay stations we open the booking offices at about 6 A.M. and don't close them until about 10 P.M., and passengers at any time within these hours can obtain tickets and gain access to the platforms. Our tickets have their fares printed on them in English and the vernacular.

We try to give passengers ample accommodation in the carriages, and generally succeed in doing so. Sometimes an unexpected number present themselves, but our carriages are rarely crowded.

We have plenty of water supplies on our platforms.

We only lock the carriage doors on the side farthest from the platforms.

TREATMENT OF MISCELLANEOUS ITEMS IN THE REVENUE ACCOUNT AND THE ANALYSIS OF WORKING.

79. Proposed by Mr. Lightfoot, seconded by Mr. Calder—

"That with the view of making the procedure in both the half-yearly account and the working analysis identical, the following be referred to the Government of India for consideration:—

(*a*)—The following items to be dealt by entering only the net earnings or expenditure in their several abstracts (subject to the remarks made upon the question of interest on other Company's capital outlay):—

Hire of locomotives.

,, *of vehicles.*

Mileage and demurrage.

Rent of stations jointly occupied.

(*b*).—The following items to be dealt with specially:—

(1) *Profit on workshops and sale of revenue stores, collection of municipal dues, &c.*—

The portion, if any, attributable to exchange to be written off that account in the several abstracts.

The portion, if any, attributable to supervision to be entered as a deduction at the foot of the several abstracts.

The portion attributable to interest on shops and plant or profit to be published as miscellaneous earnings.

(2) *Telegraph earnings*—

These appear specially in the Revenue Account, and should remain there, being dealt with in the analysis of working as miscellaneous revenue.

(*c*).—The following items to remain in the Revenue Account as miscellaneous earnings, and be specially dealt with the analysis of working (subject to the remarks upon repairs to rented staff quarters) :—

Rents of dwelling-houses.
Transfer fees.
Sundries.

(*d*).—Miscellaneous earnings to be dealt with in the analysis of working in the following manner :—

To be excluded from all train mileage, ton mileage, vehicle mileage and capacity mileage calculations.

To be included in all calculations relating to percentage of expenditure upon earnings.

Carried "nem. con."

ARBITRATION ACT.

80. Proposed by Mr. Broughton, seconded by Major Conway-Gordon—

"That the Government of India be moved to pass a short Arbitration Act on the same basis as the 'Railway Companies Arbitration Act, 1859' (22 & 23 Vic., Cap. 59), thereby establishing a Court of Arbitration, through which the Rules of this Conference and agreements between the several Railways may be enforced."

For.	
Mr. Broughton.	Mr. Conder did not vote.
Major Conway-Gordon.	
Mr. Wood.	
„ Betts.	
„ Furnivall.	
„ Lightfoot.	
„ Payne.	
„ Saunders.	
„ Calder.	

Carried.

BREAKS ON WAGONS.

81. Proposed by Mr. Broughton, seconded by Major Conway-Gordon—

"That as inconvenience is felt on all Railways where gradients prevail, and in almost all shunting yards, from certain wagons not being provided with breaks, all Railways interchanging stock shall be required to provide breaks on all their wagons under penalty of transhipment at joint cost."

For.	*Against.*
Mr. Broughton.	Mr. Wood.
Major Conway-Gordon.	„ Lightfoot.
Mr. Saunders.	„ Payne.
„ Furnivall.	„ Calder.
	„ Conder.

Lost.

CLASSES OF PASSENGERS AND GOODS OF THE OUDH AND ROHILKHUND RAILWAY.

82. Proposed by Mr. Saunders, seconded by Major Conway-Gordon—

"That as the Oudh and Rohilkhund Railway is the only guaranteed line in India which has a different denomination for passenger and goods classes, as a matter of convenience for through booking, it be invited to

assimilate its upper and lower passenger classes and higher, middle and lower goods classes to those in use on the other Indian broad-gauge lines."

For.	
Mr. Saunders.	Mr. Payne and Mr. Conder did not vote.
Major Conway-Gordon.	
Mr. Betts.	
„ Wood.	
„ Furnivall.	
„ Lightfoot.	
„ Calder.	
„ Broughton.	

Carried.

INVOICING GOODS IN THROUGH BOOKING.

83. Proposed by Mr. Broughton, seconded by Mr. Payne—

"That there shall not be more than one invoice for each consignment instead of an invoice being issued for each wagon : the receipt agreeing with the invoice.

"Invoices shall be sent forward by the train which will arrive first at the destination of the goods."

Carried "nem. con."

RAILWAY CLEARING HOUSE.

84. Proposed by Mr. Saunders, seconded by Major Conway-Gordon—

"That in the opinion of this Conference the time has now arrived when an Indian Railway Clearing House may with advantage be established in some convenient and central position for the purpose of settling all accounts on through invoices and through passenger traffic between the different Railways ; each Railway being represented on the Clearing House Committee, and the President or Manager being elected by the votes of all subscribing Railways."

For.	*Against.*
Mr. Saunders.	Mr. Betts.
Major Conway-Gordon.	„ Wood.
	„ Furnivall.
	„ Lightfoot.
	„ Payne.
	„ Calder.
	„ Broughton.
	„ Conder.

Lost.

THROUGH BOOKING OF COACHING TRAFFIC.

85. Proposed by Mr. Conder, seconded by Mr. Broughton—

"That the through booking of coaching traffic be extended so as to include all classes of passengers, and all other coaching traffic between all stations of all Railways which have through booking arrangements with each other, the only limit being that horses and carriages are not to be booked through to the stations to which any Railway does not book horses and carriages locally."

Carried "nem. con."

INTERCHANGE OF ROLLING STOCK.

86. *Rule XIV.*—Proposed by Mr. Conder, seconded by Mr. Broughton—

"That goods vehicles carrying live stock of any kind booked through be considered as carrying six tons in all mileage accounts."

Carried "nem. con."

FREIGHT ON UNCLAIMED GOODS AND PARCELS.

87. Proposed by Mr. Conder, seconded by Mr. Broughton—

"That freight on goods and parcels left on hand unclaimed be charged against the goods or parcels as the case may be, the Railway on which they are left taking the articles and keeping the value thereof; and if the value is less than the amount of the freight, the balance to be charged against the compensation account of the Railway on which the goods were left."

For.	
Mr. Conder. „ Broughton. „ Betts. „ Wood. „ Furnivall. „ Lightfoot. „ Payne. „ Calder. Major Conway-Gordon.	Mr. Saunders did not vote.

Carried.

GOODS MISSENT.

88. Proposed by Mr. Broughton, seconded by Mr. Lightfoot—

"That in case of accidental misdespatch of goods not in through wagons by any Railway, the other Railways carrying such goods shall, in lieu of freight, be paid a haulage charge of three pies per ton per mile thereon in both directions by the Railway so misdespatching."

Carried "nem con."

ROUTE BY WHICH TRAFFIC SHOULD BE DESPATCHED.

89. Proposed by Major Conway-Gordon, seconded by Mr. Payne—

"That in the absence of specific instructions on the part of the consignor, all traffic be booked by the shortest route, provided it be the cheapest."

Proposed as an amendment by Mr. Broughton, seconded by Mr. Lightfoot—

"That a route table be agreed upon by all Railways and published to the staff."

For.	*Against.*
Mr. Broughton. „ Lightfoot. „ Calder. „ Saunders.	Major Conway-Gordon. Mr. Betts. „ Wood. „ Furnivall. „ Payne.

The amendment being lost, the original proposal was put to the Meeting.

For.	*Against.*
Major Conway-Gordon. Mr. Betts. „ Wood. „ Furnivall. „ Payne.	No votes.

Carried.

Mr. Conder did not vote on either the proposal or amendment.

The Conference adjourned till Saturday, the 16th September.

No. 10.

The Conference re-assembled at 11 a. m. on Saturday, the 16th September.

PRESENT.—As at Meeting No. 1.

The proceedings of the previous Meeting were read and confirmed.

Major R. McG. Stewart, R. A., Officiating Deputy Quarter Master General, and Honorary Major J. Robertson, C. I. E., Assistant Accountant General, Military Department, joined the Conference.

TRANSPORT OF TROOPS.

90. The following questions brought forward by the military members were discussed :—

(1) Regarding the introduction of a system of payment by seats, instead of by vehicles for troop extra trains.

(2) Regarding the adoption of revised railway warrants in simplification of the existing forms, and in view to facilitate the through booking of troop trains on all lines of Railway in India.

Proposed by Mr. Conder, seconded by Mr. Broughton—

"That, subject to the condition that the scale of accommodation and payment and other arrangements as they now exist or may exist from time to time on the several Railways, being made known to all concerned, these details need not be entered upon the requisiton, and the following conditions for troop extra trains be accepted :—

1st.—That the requisition Form D shall be altered so as to be merely an indent for a specified number of seats of each class, &c., and a specified quantity of luggage, &c., with a certificate at the foot that these have been provided.

2nd.—That only one warrant be delivered at the despatching station by the military authorities from starting-point to destination.

3rd.—That each Railway shall be responsible for advising the Railway to which they will hand the troops over. The several Railways will thus arrange the through journey.

4th.—Each Railway to be required to provide its own passenger carriages and breakvans at the junction stations or the nearest rest-camp to the junction; baggage wagons, horse-boxes, ammunition wagons, &c., being allowed to run through to destination. But the Railways to be at liberty to arrange amongst themselves for carriages also to run through.

5th.—Each Railway to collect its own charges.

6th.—If in consequence of the halts required by the military authorities, demurrage accrues under the usual rules in force between Railways from time to time upon any vehicles that are run through upon troop extra trains, the military authorities to pay all such demurrage to the Railway that has incurred it.

Carried "nem. con."

91. It was agreed that the military authorities be requested to prepare a revised form of requisition, Form D, containing only the information that they require under the above Resolution, and that this be circulated to the Railways concerned for approval, and that at the same time a revised Form C for booking by ordinary train be prepared and circulated to the Railways concerned for approval.

92. The question of the system of payment by seats, instead of by vehicles for troop extra trains, was raised by the Military Department and discussed. As it appeared that any change from existing practice might affect the payments to the Railway Companies, the question was left to be brought forward, if thought necessary, in the usual way.

93. Regarding the frequency of the supply of an undue proportion of third class in lieu of second class carriages for the transport of troops and their families—

It was resolved to record—

"That the Railway Companies have not second class carriages in sufficient numbers to allow of their giving a larger proportion of these carriages on troop extra trains; but they now give, and will continue to give, as many second class carriages as circumstances will admit."

94. Extra expense entailed on the State by the provision of carriages in troop extra trains of less capacity than the description of vehicle on which the scale of accommodation in the Transport Regulations was calculated.

As this point is intimately connected with the question of system of charge per seat, it was requested that the Military Department bring this forward with the subject referred to in paragraph 92.

95. The necessity of providing latrine and lavatory accommodation in vehicles carrying troops and their families.

Proposed by Mr. Broughton, seconded by Mr. Payne—

"That in the opinion of the Conference extra halts, if provided as required, would render the latrines in third class carriages unnecessary.

"That carriages with latrine accommodation will, as far as practicable, always be provided for invalids, women and children."

Carried unanimously on the part of the Railway Delegates, but the Military members could not concur with the resolution.

96. Regarding the inconvenience experienced under the recent arrangements for the movement of small bodies of troops by mail and ordinary trains, there being on some lines practically only one train now available in every 24 hours, instead of every 12 hours as formerly—

The Conference recorded—

"That as there are considerable changes about to be introduced in the train service of several of the principal lines, no conclusion can be arrived at on this question at present."

97. Regarding the method of securing baggage in the brakevans of troop extra trains, and responsibility for the same after the vans have been loaded and handed over to the Railway authorities—

It was unanimously agreed that brakevans with locked compartments should be put on to troop extra trains, the rules regarding locks for luggage vans and wagons on these trains applying.

98. Regarding the desirability of having specific information showing the maximum number of troop extra trains that can be despatched within 24 hours over main lines in India, with skeleton time-tables for the running of the same.

It was decided that the Quarter Master General should communicate with the several Railway authorities on the subject of military time-tables. But it was considered that such tables should be separate and not incorporated with the ordinary working time-tables.

The Conference adjourned till Monday, the 18th September 1882.

No. 11.

The Conference re-assembled at 11 a. m. on Monday, the 18th September.

PRESENT.—As at Meeting No. 1.

The proceedings of the previous Meeting were read and confirmed.

99. The proceedings of the Conference from commencement up to date were read again and accepted as correct.

100. Rules for the interchange of rolling stock drafted in accordance with the Conference proceedings were read.

101. *Rule XX.*—Proposed by Major Conway-Gordon, seconded by Mr. Lightfoot—

That the following be added to Rule XX,* *viz*:—

"Wagons taken over under the provisions of this Rule shall be subject to ordinary mileage and demurrage rules, but no penalty, with the exception that notwithstanding the provisions of Rule XVII (*c*), mileage shall be paid on all such wagons in one direction, whether with or without a load, the mileage on the wagons if not loaded being charged as for five tons per wagon.

Proposed as an amendment by Mr. Broughton, seconded by Mr. Payne—

"That rule XVII shall apply to Rule XX."

For.	*Against.*
Mr. Broughton.	Mr. Wood.
„ Payne.	„ Furnivall.
	„ Lightfoot.
	„ Saunders.
	„ Calder.
	Major Conway-Gordon.

The amendment being lost, the original proposal was put to the Meeting.

For.	*Against.*
Mr. Wood.	Mr. Broughton.
„ Furnivall.	„ Payne.
„ Lightfoot.	
„ Saunders.	
„ Calder.	
Major Conway-Gordon.	

Mr. Conder did not vote on either the proposal or amendment.

Carried.

102. *Rule XXI.*—Proposed by Mr. Lightfoot, seconded by Major Conway-Gordon, as an addition to Rule XXI—

"That wagons taken over under the provisions of this Rule shall be subject to ordinary mileage and demurrage rules, but no penalty, with the exception that notwithstanding the provisions of Rule XVII (*c*), mileage shall be paid on all such wagons in one direction, whether with or without a load, the mileage on the wagons if not loaded being charged as for five tons per wagon.

Proposed as an amendment by Mr. Broughton, seconded by Mr. Payne—

"That Rule XVII shall apply in this case."

For.	*Against.*
Mr. Broughton.	Mr. Wood.
„ Payne.	„ Furnivall.
	„ Lightfoot.
	„ Saunders.
	„ Calder.
	Major Conway-Gordon.

* The Rules quoted in this and subsequent paragraphs are numbered in accordance with Rules recorded in paragraph 108.

The amendment being lost, the original proposal was put to the Meeting.

For.	*Against.*
Mr. Wood.	Mr. Broughton.
„ Furnivall.	„ Payne.
„ Lightfoot.	
„ Saunders.	
„ Calder.	
Major Conway-Gordon.	

Mr. Conder did not vote on either the proposal or amendment.

Carried.

103. After some verbal corrections it was decided that the Rules should be printed for final revision.

The Conference adjourned till the following day.

No. 12.

The Conference re-assembled at 11 A.M. *on Tuesday, the 19th September.*

PRESENT.—As at Meeting No. 1.

The proceedings of the previous Meeting were read and confirmed.

104. The printed copy of the rules, revised in accordance with the proceedings up to the close of the previous Meeting, was read.

105. *Rule VII.*—Proposed by Mr. Conder, seconded by Mr. Lightfoot—That the following be added to Rule VII, *viz.* :—

"Except that the amount of the rebate provided for in Rule XX and of the extra payment provided for in Rule XXI shall be made to, and retained by, the Railways which respectively form the junction at which the excess, which causes those allowances, arises, without reference to the Railway to which any of the vehicles exchanged may actually belong."

For.	
Mr. Conder.	Mr. Broughton and Mr. Saunders did not vote.
„ Lightfoot.	
„ Wood.	
„ Furnivall.	
„ Payne.	
„ Calder.	
Major Conway-Gordon.	

Carried.

106. Proposed by Mr. Lightfoot, seconded by Mr. Conder, as a new rule under *General*—

"That in cases of interruptions of through communication caused by failure of way or works owing to floods or other circumstances, demurrage shall not be charged upon stock delayed beyond the time allowed free under the provisions of Rules XIII and XVIII; but if required by the owning Railway, any Railway so detaining vehicles of another Railway shall, as far as is practicable, send an equal number of similar vehicles of its own to be used without mileage, demurrage or penalty upon the Railway to which the stock so detained belongs for the time that such stock is compulsorily detained."

Carried "nem. con."

107. On reading Rule XX as passed, considerable discussion ensued; and as it appeared that the Rule as worded was liable to misconception, and would probably give rise to disputes in application, it was proposed by Mr. Wood, seconded by Mr. Saunders—

That clause (*a*) of Rule XX read as follows, *viz.* :—

"(*a*) When the aggregate excess number of wagons absent from any one Railway upon any other Railway shall exceed two hundred and ten at the

end of any week, the receiving Railway may call upon the forwarding Railway to take over a sufficient number of wagons to bring this excess within two hundred and ten; and in the event of the forwarding Railway not intimating within forty-eight hours after notice of tender by the receiving Railway its intention to accept such wagons, a charge of two rupees per wagon per day shall thereafter be paid as a rebate on mileage by the forwarding Railway upon the daily balance in excess of two hundred and ten absent."

For	*Against.*
Mr. Wood.	Major Conway-Gordon.
„ Saunders.	
„ Furnivall.	
„ Payne.	

The other Delegates did not vote.

Carried.

At the request of Mr. Broughton, the accompanying illustrations, as his view of how Rule XX is intended to work, were recorded:—

Illustration No. 1.—Receiving Railway "calls" and forwarding Railway "intimates."

At end of week ending January 7th, East Indian Railway wagons on Sind, Punjab and Delhi are . . .	500
Sind, Punjab and Delhi wagons on East Indian Railway are	150
	350
30 a day = . .	210
Excess . .	140

Sind, Punjab and Delhi "calls" and East Indian Railway "intimates."

At end of week ending January 14th, East Indian Railway wagons on Sind, Punjab and Delhi are	575
Sind, Punjab and Delhi wagons on East Indian Railway are . . .	200
	375
30 a day = . .	210
Excess . .	165
Add January 7th excess . .	140
	305

Rebate is not due, as Sind, Punjab and Delhi have not supplied to full extent.

At end of week ending January 21st, East Indian Railway wagons on Sind, Punjab and Delhi are . . .	600
Sind, Punjab and Delhi wagons on East Indian Railway are . . .	575
	25

Had Sind, Punjab and Delhi sent 505 on to East Indian Railway in this week, the incident would have been closed and Rule XX ceased to operate.

Sind, Punjab and Delhi have supplied and balanced.

Illustration No. 2.—Receiving Railway "calls" and forwarding Railway does not "intimate."

At end of week ending January 28th, East Indian Railway wagons on Sind, Punjab and Delhi are . .	675
Sind, Punjab and Delhi wagons on East Indian Railway are . .	980
	305
30 a day = . .	210
	95

East Indian Railway "calls" and Sind, Punjab and Delhi does not "intimate."

At end of week ending February 4th, East Indian Railway wagons on Sind, Punjab and Delhi are . .	500
Sind, Punjab and Delhi wagons on East Indian Railway are . . .	800
	300
30 a day = . .	210
Excess . .	90
Add previous week's excess . .	95
Rebate is due to East Indian Railway upon . .	185
At end of week ending February 11th, East Indian Railway wagons on Sind, Punjab and Delhi are . .	800
Sind, Punjab and Delhi wagons on East Indian Railway are . .	700
	100

Rule XX ceases to be in force.

Illustration No. 3.—Forwarding Railway declines to receive wagons.

At end of week ending January 7th, East Indian Railway wagons on Sind, Punjab and Delhi are . .	500
Sind, Punjab and Delhi wagons on East Indian Railway are . .	150
	350
30 a day = . .	210
	140

Sind, Punjab and Delhi "calls" and East Indian Railway "declines," because traffic is falling or wagons are plentiful.

Rebate is due on . .	140
At end of week ending January 14th, East Indian Railway wagons on Sind, Punjab and Delhi are . . .	300
Sind, Punjab and Delhi wagons on East Indian Railway are . . .	140
	160

Rebate ceases from causes above given.

Illustration No. 4.—No rebate can become due unless the receiving Railway "calls."

"Notices," "calls" and "intimations" under Rules XX and XXI are to be sent by the Traffic Officer of the one Railway to the Traffic Officer and the Audit Office of the other Railway and to his own Audit Office.

108. Read the following :—

INTERCHANGE OF ROLLING STOCK.

General Rules for the Interchange of Rolling Stock between all connected Broad Gauge Railways in India, passed by the Conference of Railway Delegates assembled at Simla in September 1882.

"The interchange of stock shall be carried on until the end of the present year under the Rules in force before this Conference assembled, and the Rules for interchange of stock passed at this Conference shall be in force on and after the 1st of January 1883, until cancelled or modified in accordance with the Rules for the conduct of business at this Conference, which are recorded on the Proceedings." (*See Minute No. 60 of the Conference.*)

General.

RULE I.—(*a*) The day shall be reckoned as 24 hours, commencing at midnight, Madras time being adopted in all cases. The week to end at midnight on Saturday.

(*b*) No *dies non* shall be allowed under these Rules.

(*c*) For the purpose of these Rules, the ton shall in all cases be reckoned as equivalent to 27 maunds.

RULE II.—(*a*) All stock shall be considered as handed over when entered in the number-taker's book at the junction station, and it shall be so entered directly it is put into the lines or sidings in which such stock is usually placed for that purpose, or at such time and in such way as may be arranged between the Railways forming the junction.

(*b*) Stock shall not be considered as accepted by the Railway on to which it is going at any junction station until it and the load it may contain are in a condition to be taken on by the Railway on to which it is going; and mileage, demurrage, &c., shall be paid by the Railway bringing it to the junction until it is put into that condition.

(*c*) All vehicles of whatever Railway handed to any Railway at a junction on the outwards journey shall be accepted and dealt with only as vehicles of the Railway which brings them to the junction; and vehicles which are returned to a junction after an outward journey shall be treated as vehicles of the Railway to which they are so returned.

RULE III.—Passenger carriages, horse-boxes, carriage-trucks, brake-vans and passenger road or luggage vans, shall, irrespective of contents, be in all cases reckoned as coaching vehicles, whether they run upon passenger or goods trains. All other kinds of vehicles shall be reckoned as goods vehicles, also irrespective of contents and of the train on which they run.

RULE IV.—(*a*) Empty vehicles shall be returned to the owning Railway by the exact route and junction by which they were received loaded.

(*b*) Vehicles under load shall be returned to the owing Railway by way of the nearest route and junction; but vehicles may be diverted without penalty for distances not exceeding fifteen miles in one direction, and for longer distances by mutual agreement, for the purpose of obtaining a return load.

(*c*) Vehicles of one Railway shall not be reloaded by another Railway except in the direction of or beyond the owning line.

(*d*) For any departure from the above Rules for return of vehicles, the Railway so missending any vehicle shall pay to the owning Railway a penalty of rupees twenty-two (Rs. 22) per day or part of a day from the time each vehicle was missent until it returns to a station on the route by which it should have been sent.

(*e*) Penalty-paying vehicles shall also be subject to ordinary mileage and demurrage charges.

(*f*) If goods are required to be sent to a station beyond the original destination, the consignment may be sent on in the original wagon without penalty.

(*g*) In the event of a wagon being missent through error, the Railway so missending shall pay to other Railways over whose lines the vehicle runs, owing to the error, a haulage rate of one pie per mile per ton of carrying capacity in both directions in lieu of freight. The missending Railway shall also pay ordinary mileage in both directions for the missent distance (and demurrage if incurred), but no penalty.

RULE V.—(*a*) So soon as the rolling stock of any Railway passes into the custody or possession of any other Railway, such other Railway shall be responsible for all and every contingency that may arise from the use of such stock while it remains in its possession. Except that if the contingency is clearly traceable to defect of material or workmanship, the actual repair or replacement of the vehicle in which there was such defect, but not of any other vehicle or any other consequent damage, shall be at the expense of the owning Railway.

(*b*) The cost of repairs arising from ordinary wear and tear shall always be borne by the owning Railway; but in cases of palpable damage (such as dropping heavy weights into wagons and so damaging the bottoms, neglect of greasing or oiling, and other similar neglects), and in all cases of accident or collision, the cost of repairs shall, except as provided in clause (*f*), Rule VI, be borne by the Railway in whose custody or possession the stock may be at the time the damage occurs.

RULE VI.—(*a*) In cases in which the stock of any Railway is damaged upon the line of another Railway, the actual time occupied in making the repairs,

but not more than ten days in addition to the time allowed for the return of stock under the usual mileage rules, shall be allowed free of demurrage for its repair. But if the repairs cannot be completed in ten days, the vehicle shall be despatched to the owning Railway within that time.

(*b*) In addition to the free allowance as prescribed in clause (*a*) of this Rule, the actual time occupied in conveyance of material for repairs from the owning line shall be allowed free of demurrage in the case of damaged stock of one Railway repaired on the line of another Railway.

(*c*) If the damaged stock be not returned, either repaired or not repaired, within the period allowed, demurrage shall be charged after the expiry of such period, unless specially exempted by the Traffic Manager of the owning Railway.

(*d*) Notice shall in all cases be sent by the Traffic Manager of the Railway on which the damage occurred, within one month, to the owning Railway, how and when the damage took place, and the nature of it.

(*e*) No claim for the cost of repairs shall be valid, unless made within three months of the date at which the repairs are completed.

(*f*) The cost of repairs to any vehicle damaged which does not exceed Rs. 10 shall be paid by the Railway which carries out the repair.

(*g*) No charge shall be made for the freight of material sent for repair of damaged stock, or for the haulage of wagons carrying damaged stock back to the owning Railway.

RULE VII (Rule XX of 1879).—Whatever amount is paid for mileage, demurrage, or penalty by any Railway for the use of vehicles of other Railways, shall in all cases belong to, and be paid over to the owning Railway: except that the amount of the rebate provided for in Rule XX and of the extra payment provided for in Rule XXI shall be made to, and retained by, the Railways which respectively form the junction at which the excess, which causes those allowances, arises without reference to the Railway to which any of the vehicles exchanged may actually belong.

RULE VIII (Rule XXI of 1879).—Each Railway shall accept the statements of other Railways with respect to the loads and vehicles, unless the number-takers at the junction notice and record that the loads have been interfered with, when the actual contents and their condition shall be ascertained and recorded by an authorised representative of each of the Railways forming the junction.

RULE IX (Rule XXII of 1879).—(*a*) The accounts referring to any mileage, demurrage, or penalty in which any Railway is concerned shall be open to the inspection of such Railway.

(*b*) No claim for mileage, demurrage, rebate, extra allowance, or penalty shall be preferred after a lapse of six months from the date on which a vehicle passed the junction on its outward journey.

RULE X.—In cases of interruption of through communication, caused by failure of way or works owing to flood or other circumstances, demurrage shall not be charged upon stock delayed beyond the time allowed free under the provisions of Rules XIII and XVIII; but if required by the owning Railway, any Railway so detaining vehicles of another Railway shall, as far as is practicable, send an equal number of similar vehicles of its own to be used without mileage, demurrage or penalty upon the Railway to which the stock so detained belongs for the time that such stock is compulsorily detained.

Coaching.

RULE XI (Rule VII of 1879).—The exchange of passenger stock shall be subject in extent to mutual arrangement between the respective Railways.

RULE XII (Rule VIII of 1879).—(*a*) The mileage charge on each coaching vehicle shall be seven pies per mile, both on the outwards and the return journey, except that no mileage shall be charged on coaching vehicles not used for ordinary traffic, unless under load.

(*b*) "Ordinary traffic" shall be understood to be only regular public trains which are advertised to carry passengers, and to include reserved accommodation on such trains: private carriages, troop extra trains, private special trains and special passenger trains put on for such occasions as fairs, &c., shall not be considered as ordinary traffic.

RULE XIII (Rule IX of 1879).—(*a*) Coaching vehicles shall be allowed one hour for every twelve and a half miles run on foreign lines and twenty-four hours extra at destination free of demurrage.

(*b*) In the case of a ferry by which coaching vehicles are crossed over a river where the rails are not continuous, an extra allowance free of demurrage for crossing of twelve hours each way shall be made.

RULE XIV (Rule X of 1879).—Except as provided in Rule X, demurrage shall be charged on each coaching vehicle detained beyond the times named in Rules VI and XIII at the rate of eight annas per hour.

Goods.

RULE XV (Rule XI of 1879).—The interchange of goods stock shall extend to all connected lines and branches, a fair proportion of through traffic being accepted at junctions in time of pressure.

RULE XVI (Rule XII of 1879).—(*a*) Except as provided in clause (*c*) of this Rule, all consignments of less than three tons shall be transhipped at junction, and it shall be optional with the receiving Railway to tranship, at its own cost, the contents of any wagon containing a load of less than half its carrying capacity.

(*b*) In the case of a ferry by which vehicles are crossed where the rails are not continuous, it shall be optional with the Railway owning the ferry, in lieu of crossing the vehicle over, to tranship the load at the nearest station to the ferry where the work can be done; advice of all such transhipments being sent weekly to the owning Railway.

(*c*) Traffic Managers shall be at liberty to make exceptions by mutual agreement as to transhipment in cases of consignments which, from their bulk or weight, fully occupy a wagon, or require exceptional care, such as furniture, glass-ware, stationery, millinery, pictures, musical instruments, &c., &c.

(*d*) To avoid demurrage, it shall be optional with the receiving Railway to tranship at its own expense the contents of a foreign wagon at any point short of destination; and mileage shall cease at the point of such transhipment, notice of all such transhipments being sent weekly to the owning Railway.

(*e*) In all other respects, except as provided in Rule XV, the interchange of goods traffic and stock shall be unrestricted.

RULE XVII (Rule XIV of 1879).—(*a*) Subject to the provisions of this Rule and of Rules XX and XXI, payment shall be made to the owning Railway at the rate of two-thirds of a pie per ton per mile on the weekly aggregate weight charged between any two stations for the contents of all vehicles of one Railway which may be run on another Railway on the outward journey.

(*b*) Goods vehicles carrying passengers or live stock of any kind booked through shall be considered as carrying six tons in all mileage accounts.

(*c*) No mileage shall be paid to the owning Railway on a return load by any Railway which loads a wagon back to or beyond the owning line; but the Railway beyond the owning Railway on to which any wagon is sent with a return load shall pay mileage under the usual rules to the owning Railway.

(*d*) Mileage shall be paid on any return load sent in a wagon of another Railway to any station short of the owning line.

(*e*) (Rule XIII of 1879).—No mileage charge shall be made on goods vehicles when running empty.

RULE XVIII (Rule XV of 1879).—(*a*) Goods vehicles shall be allowed one hour for every six miles run on a foreign line, and thirty-six hours for unloading and twenty-four hours for reloading at destination, and twelve hours at intermediate stations for each of these operations, free of demurrage.

(*b*) In the case of a ferry by which goods vehicles are crossed over a river where the rails are not continuous, an extra allowance for crossing of twelve hours each way, or such time as may be mutually agreed upon, shall be given free of demurrage; and when such allowance of time is made, mileage shall be paid for loaded stock transferred by such ferry upon half the time so allowed.

RULE XIX (Rule XVI of 1879).—Except as provided in Rule X, demurrage shall be charged on each goods vehicle detained beyond the time named in Rules VI and XVIII at the rate of one anna per ton of carrying capacity per hour.

RULE XX (Rules XVII of 1879 and XVIIA of 1880).—(*a*) When the aggregate excess number of wagons absent from any one Railway upon any other Railway shall exceed two hundred and ten at the end of any week, the receiving Railway may call upon the forwarding Railway to take over a sufficient number of wagons to bring this excess within two hundred and ten; and in the event of the forwarding Railway not intimating within forty-eight hours after notice of tender by the receiving Railway its intention to accept such wagons, a charge of two rupees per wagon per day shall thereafter be paid as a rebate on mileage by the forwarding Railway upon the daily balance in excess of two hundred and ten absent.

(*b*) No notice shall be valid unless given by wire, or in any other way that may be mutually agreed upon, within three days after the close of a week by the receiving Railway of its intention to offer wagons, and the two rupees rebate shall not be charged until the expiry of forty-eight hours after the despatch of the notice by the receiving Railway.

(*c*) When any two Railways have more than one junction with each other, all such junctions shall be regarded for the purposes of this rule as one junction only. But the receiving Railway shall only tender at each junction such proportion of the total excess as was received at that junction.

(*d*) Wagons taken over under the provisions of this rule shall be subject to ordinary mileage and demurrage rules, but no penalty, with the exception that notwithstanding the provision of Rule XVII (*c*) mileage shall be paid on all such wagons in one direction whether with or without a load, the mileage on the wagons if not loaded being charged as for five tons per wagon.

RULE XXI (Rule XVIII of 1879).—(*a*) The Railway on which through traffic originates shall provide wagons for such traffic. But when the through traffic offering is more than the wagon stock of the sending Railway can cope with, it may call on the receiving Railway to place a number of wagons at its disposal daily at the junction for traffic to and *vid* the receiving line; and in the event of failure to comply within one week, the sending Railway shall be entitled to charge one and a half rupees per diem per ton of wagon-carrying capacity short-supplied, in addition to ordinary mileage, demurrage and penalty which may accrue under the rules on the stock actually running with through traffic: provided that the receiving Railway shall not be required to supply more wagons at each junction than sufficient to maintain an equal interchange of stock at that junction based on the carrying capacity.

(*b*) Open wagons shall be accepted if supplied with proper sheets and ropes.

(*c*) Wagons taken over under the provisions of this rule shall be subject to ordinary mileage and demurrage rules, but no penalty, with the exception that notwithstanding the provision of Rule XVII (*c*) mileage shall be paid on all such wagons in one direction whether with or without a load, the mileage on the wagons if not loaded being charged as for five tons per wagon.

RULE XXII (Rule XIX of 1879).—In case a goods vehicle is loaded on the homeward journey to any station short of the junction with the owning line, or in case of any alteration in the destination of a vehicle caused by transhipment of the load or otherwise, the Audit Offices of the respective Railways shall make a weekly return of the same to each other, for the purpose of calculating mileage, &c., under these rules.

Resolved that the rules for the interchange of rolling stock as read and finally revised this day be passed.

Carried "nem. con."

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109. The President admitted the following Minute on the subject of Retirement Funds to be recorded on the Proceedings of the Conference:—

That in the opinion of the undersigned Delegates to this Conference, the establishment of satisfactory Retirement Funds for the staff employed on Indian Railways is most desirable, and would be an economical measure, while it would increase the stability and attractiveness of the Indian Railway Service.

The undersigned Delegates consider that in the interests not only of the individual employés, but of the Companies and of Government, as owners of the Indian Railways, those who are engaged in working the most important instrument in facilitating the development and extension of the trade, agriculture and manufacturing industries of India, should not form the only section of the public services of the country whose retirement after approved service for a reasonable period is not provided for.

The practice of all the great Railway Companies in England is in favour of making such a provision, and shows that advantage to employers and employed is secured thereby.

The undersigned Delegates therefore, in the belief that a similar advantage would accrue to all interested from the adoption of the same practice in connection with Indian Railways, would submit the subject for the earnest and favourable consideration of Government and the Railway Companies.

This proposal is submitted not so much in the interest of the chief representatives of the Railway Companies, as in that of subordinate members of the establishments, above a limit to be decided on, whose position is less favourable.

(Sd.) L. CONWAY-GORDON.
„ HENRY CONDER.
„ T. W. WOOD.
„ ARTHUR M. SAUNDERS.
„ WILLIAM S. BETTS.
„ W. C. FURNIVALL.
„ JABEZ LIGHTFOOT.
„ H. F. PAYNE.

The PRESIDENT remarked that the subject of the Minute had his entire support. That in his opinion any sums contributed by Railway Companies to Provident Funds were fully returned to them by the increased efficiency due to a well-cared for and contented staff. He considered that any sum contributed by a Railway Company to a Provident Fund might well be charged against the working expenses of the Railway as an increase to the salaries paid, the sum, however, not being at the disposal of the staff during continuance of service.

In order to show the practice in England, he read the following rules:—

GREAT WESTERN RAILWAY COMPANY SUPERANNUATION FUND.

"The said Company shall, at the end of each and every half-year, contribute out of the revenues of the Company a sum equal in amount to the sum which during the same half-year has been contributed thereto by the officers and servants of the Company, and such further sum as the said Company and the Committee of Management from time to time agree upon, not exceeding one-half of such specified contribution."

LONDON & NORTH-WESTERN RAILWAY COMPANY SUPERANNUATION FUND ASSOCIATION.

"1. All the salaried officers of the Company who join the Association shall contribute thereto annually a sum equal to 2½ per cent. upon their actual salaries.

"2. The London & North-Western Railway Company contributing annually a sum equal to the aggregate contribution of the subscribing members.',

LONDON, BRIGHTON & SOUTH COAST RAILWAY COMPANY SUPERANNUATION FUND.

"The Company at the end of every half-year to contribute out of its revenues a sum equal in amount to the sum which during the same half-year has been contributed thereto by the officers and servants of the Company."

The Conference was dissolved.

F. S. STANTON, *Colonel, R.E.*,
Director General of Railways,
President of the Conference.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

CIVIL WORKS.

Irrigation.

REVENUE REPORT OF IRRIGATION WORKS IN THE PUNJAB FOR 1880-81.

Nos. 191-204I, dated Simla the 21st June 1882.

RESOLUTION—By the Government of India, Public Works Department.

Read—

Letter from the Government of the Punjab, No. 747I., dated 27th February 1882, forwarding copy of the Revenue Report of Irrigation Works in the Punjab for 1880-81 and of the Resolution by that Government reviewing the Report.

OBSERVATIONS.—The capital expenditure during the year under review amounted to ₹37,09,735, and the total outlay incurred on this head up to the end of the year amounted to ₹5,19,46,668, including direct and indirect charges. Of this amount ₹2,34,01,800 have been expended on Productive Public Works and ₹19,54,483 on works of irrigation and navigation, which were in operation during the year; ₹2,56,99,642 on works still under construction (the Sirhind and Swat canal); and the balance ₹8,90,743 on surveys and works under suspension.

2. The total amount of interest charges payable during the year amounted to ₹17,80,692, which was less than the net revenue actually realised, after deduction of all working expenses, by ₹15,26,273. The surplus of accumulated net revenue over the accumulated interest charges to the end of the year amounted to ₹1,76,80,673.

3. The actual receipts from all sources are compared below with those of the two previous years:—

CANALS.	ACTUAL RECEIPTS.		
	1880-81.	1879-80.	1878-79.
	₹	₹	₹
Bari Doab	17,78,919	11,91,291	9,83,213
Western Jumna	18,17,743	14,06,382	12,93,310
Inundation Canals	12,90,307	7,15,104	7,16,217
Madhupur Workshops	...	...	225
TOTAL	48,86,969	33,12,777	29,92,965

But ₹12,66,484 of the total amount of receipts during 1880-81 were on account of arrears of enhanced land revenue and water advantage rate from lands assigned to jaghirdars brought to credit during the year.

4. The previous statement shows the revenue actually collected and paid into Government treasuries, while the following statement shows the revenue assessed during 1880-81 and the two previous years:—

CANALS.	ASSESSMENTS.		
	1880-81.	1879-80.	1878-79.
	₹	₹	₹
Bari Doab	15,19,068	13,85,454	10,71,772
Western Jumna	10,29,669	13,13,685	11,71,994
Inundation Canals	10,95,551	7,34,778	6,34,918
Madhupur Workshops	...	...	225
TOTAL	36,44,288	34,33,917	28,78,909

The steady increase in the revenue of the Bari Doab Canal is very satisfactory; the increase on the Inundation canals is mainly due to the early rise of the Indus and Sutlej rivers and to a timely rise in September, which was turned to good account for sowing the "rabi" crops. The revenue of the Western Jumna Canal is the lowest yet recorded, but a hope is expressed by the Local Government that matters have reached their worst and will now steadily improve.

5. The working expenses, including indirect charges, amounted to—

CANALS.	WORKING EXPENSES.		
	1880-81.	1879-80.	1878-79.
	₹	₹	₹
Bari Doab	4,22,718	5,02,288	5,14,358
Western Jumna	4,08,254	4,75,632	4,16,069
Inundation Canals	8,84,252	6,47,511	6,18,480
Madhupur Workshops	...	14,361	16,412
TOTAL	17,15,224	16,39,792	15,65,319

The reduction in maintenance charges of the Bari Doab Canal is mainly due to diminution of establishment charges. The increase of expenditure on Inundation canals is entirely due to a large increase in the working expenses of those from the Lower Sutlej under the heads of "Establishment" and "Statute labour." Maintenance charges of the Muzaffargarh canals, amounting to ₹1,35,220, also appear for the first time in the Irrigation Revenue charges, these canals having been managed previous to 1880-81 by the district authorities. Savings of ₹1,38,837 on the Indus canals and of ₹28,860 on the Upper Sutlej canals compensate in some measure for the increase on the other canals.

6. The net *assessed* revenue, after deduction of all working expenses, amounted to—

CANALS.	NET ASSESSED REVENUE.		
	1880-81.	1879-80.	1878-79.
	₹	₹	₹
Bari Doab	10,96,350	8,83,166	5,57,414
Western Jumna	6,21,415	8,38,053	7,55,925
Inundation Canals	2,11,299	87,267	16,438
Madhupur Workshops	...	—14,361	—16,187
TOTAL	19,29,064	17,94,125	13,13,590

7. The net assessed revenue therefore exceeded the interest charges payable during the year by ₹1,48,372, and yielded a return of 7·6 per cent. on ₹2,53,56,283, the capital invested to end of 1880-81 on works in operation. The net assessed revenue of the Bari Doab Canal paid 7 per cent., that of the Western Jumna Canal very nearly 8 per cent., and that of the Inundation canals rather more than 14½ per cent. on the capital outlay incurred up to the end of 1880-81.

8. The areas irrigated during 1880-81 and the two previous years were as follows:—

CANALS.	AREAS IRRIGATED.		
	1880-81.	1879-80.	1878-79.
	Acres.	Acres.	Acres.
Bari Doab	433,080	393,317	327,553
Western Jumna	265,551	310,686	398,460
Inundation Canals	867,246	516,341	692,252
TOTAL	1,565,877	1,220,344	1,418,270

On the Bari Doab Canal there has been a steady increase during the three years mentioned in the above table, not only of the total area, but of the areas of the more valuable crops watered from the canal—rice, sugarcane, and wheat—while the area of cotton has remained stationery. On the Western Jumna Canal the area of rice irrigation has remained fairly stationary, while there has been a marked decrease in the areas of sugarcane, cotton, and wheat, as well as in the total area irrigated from the canal.

A classified statement of crops irrigated in each canal division similar to that given on pages viii and ix of the Irrigation Revenue Report of the North-Western Provinces for 1879-80, should accompany future Revenue Reports of the Punjab Government.

9. The comparison given below of the duty done by the water *entering the heads* of the Bari Doab and Western Jumna Canals shows how steadily the character of the rabi irrigation is improving, and the value of the water increasing during that "fasl" on the former canal. The decrease in the value of the water during the kharif must be due to the decrease in the number of acres irrigated per cubic foot per second, as the irrigation of sugarcane and rice has increased in very much the same proportion as that of the total area. The statement illustrates well the different character of the irrigation on the two canals, the value of the water being greater during the rabi on the Bari Doab and during the kharif on the Western Jumna Canal.

Canals.		1880-81.		1879-80.		1878-79.	
		Kharif.	Rabi.	Kharif.	Rabi.	Kharif.	Rabi.
	Per c. foot per second.						
Bari Doab	Acres	54·8	144·6	59·7	117·7	58·2	107·8
	R	161·7	319·6	172·5	259·3	181·0	235·0
Western Jumna	Acres	62·4	62·8	79·6	61·6	100·8	90·1
	R	178·5	138·2	248·4	134·9	294·3	194·6

10. The maintenance charges per acre irrigated are shown below:—

Canals.	Per acre irrigated.		
	1880-81.	1879-80.	1878-79.
Bari Doab	0·97	1·27	1·57
Western Jumna	1 53	1·53	1·04
Inundation Canals	1·02	1·25	·88
On whole area	1 09	1·34	1·10

The high rate of maintenance per acre irrigated observable on the Western Jumna Canal is due rather to the great falling off in the area irrigated than to the actual outlay on maintenance, which has decreased considerably in comparison with that of former years.

11. The cost per 100 acres of measuring the areas irrigated and of preparing the demand statements is given in the following table:—

Canals.	Cost per 100 acres.		
	1880-81.	1879-80.	1878-79.
	R	*R*	*R*
Bari Doab	2·59	3·03	2·58
Western Jumna	2·34	2·05	1·71
Inundation	2·03	2·33	2·02

An effort should be made to keep the cost down to ₹2, or 2½ per 100 acres at the outside.

12. The cost of collecting the canal revenue is compared below for the three main systems of canal irrigation:—

Canals.	Percentage of cost of collection to receipts.		
	1880-81.	1879-80.	1878-79.
Bari Doab	5·34	8·40	7·92
Western Jumna	4·90	7·65	7·60
Inundation	2·78	3·52	4·07
On total collections	4·47	7·03	6·85

The steady reduction observable in cost of collection is very satisfactory. The cost of collection on the Bari Doab Canal should, if possible, be limited to 5 per cent.

13. The balances remaining uncollected on 1st April 1881 compare very unfavourably with those of the two previous years, as shown in the accompanying table, and an effort should be made to reduce them:—

Canals.	1880-81.	1879-80.	1878-79.
	R a. p.	*R* a. p.	*R* a. p.
Bari Doab Canal	43,204 5 10	17,006 4 7	17,510 7 3
Western Jumna Canal and Najafgarh Jhil.	1,30,365 4 8	42,780 3 8	67,768 11 5
Upper Sutlej Inundation Canal	1,752 11 2	418 12 4	503 12 10
Lower Sutlej Inundation Canal	93 0 0	9 0 0	10 0 0
Shahpur Canals	7,205 8 2	4,047 10 6	... ...
Total	1,82,620 13 5	64,261 15 1	85,792 15 6

14. With reference to the remarks in paragraph 14 of the Resolution by the Hon'ble the Lieutenant-Governor of the Punjab, the Government of India will be glad to receive designs and estimates for the construction of any Inundation canals which can be executed with advantage to the Government and the people. Schemes for the Ramnaggar and Chiniot canals from the Chenab; for the improvement of the Lower Sutlej canal and for the Inundation canal from the Sidhnai reach of the Ravi, and the canal from the same river for the irrigation of the land near Montgomery, have, it is believed, already been considered and might be matured without much difficulty.

Order.—Ordered, that copies of this Resolution and of the Report and of the Resolution by the Punjab Government be forwarded to the Secretary of State, and to the Finance and Commerce and Revenue and Agricultural Departments of this Government for information.

Also, that copies of this Resolution be forwarded to the Government of the Punjab for information and guidance.

The Governments of Madras, Bombay, Bengal and North-Western Provinces and Oudh, Public Works Department.
The Chief Commissioners, Central Provinces and British Burma.
The Foreign Department, for communication to the Resident at Mysore and Coorg.
The Resident at Hyderabad.
The Agents, Governor General, Central India and Rajputana.

Also, that copies of this Resolution and of the Report and Resolution by the Punjab Government be forwarded to the Local Governments, Administrations, and Officers noted in the margin for information.

Also, that this Resolution, the Resolution by the Local Government, and the Chief Engineer's Report, with a few selected tables, be published in the Supplement to the *Gazette of India*.

By order,

HENRY A. BROWNLOW, *Colonel, R.E.*,
Deputy Secretary to the Government of India.

Statement showing the Financial Results of Irrigation Works in Punjab during and to end of the year 1880-81.

	PRODUCTIVE PUBLIC WORKS.												PROTECTIVE PUBLIC WORKS.	GRAND TOTAL.
				IRRIGATION AND NAVIGATION WORKS.										
	Bari Doab canal.	Western Jumna canal.	Sirhind Canal. State expenditure.	Sirhind Canal. Contributions.	Sirhind Canal. Total.	Total.	Special Survey Lower Bari Doab canals.	Special Survey Deraját canals.	Shahpur canals.	Abdul Rahman Khan's canal.	Lower Sutlej and Chenab inundation canals.	Upper Sutlej inundation canals.	Indus inundation canals.	Total.	Madhopore workshops.	Total.	Swat river canal.	
	₹	₹	₹	₹	₹	₹	₹	₹	₹	₹	₹	₹	₹	₹	₹	₹	₹	₹
CAPITAL OUTLAY.																		
During year { Direct	5,250	4,97,008	20,68,273	3,59,173	28,62,451	33,64,703	...	...	...	...	4,903	23,522	31,196	33,64,703	—14,664	—18,166	5,19,635	35,66,172
" Indirect	429	25,081	71,968	37,253	1,09,221	1,36,331	...	...	...	...	2,709	4,850	4,307	1,36,331	...	...	8,253	1,43,563
TOTAL	5,679	5,22,089	20,75,246	3,96,426	29,71,672	35,00,034	...	...	7,597	1,579	7,612	28,372	35,503	35,00,034	—14,664	—18,166	2,27,867	37,09,735
To end of year { Direct	1,49,54,631	74,16,874	1,45,67,110	84,65,677	2,30,32,787	4,54,13,792	...	...	38,868	3,07,544	35,095	1,07,708	6,91,617	4,54,13,792	4,40,686	6,13,851	26,57,719	4,94,10,194
" Indirect	6,11,854	4,18,941	6,15,996	4,36,505	12,52,500	22,83,295	...	...	1,271	47,925	2,541	50,148	18,729	22,83,295	58,593	...	1,87,507	25,36,494
TOTAL	1,55,66,485	79,35,815	1,51,73,105	89,22,182	2,42,85,287	4,76,97,087	...	...	40,139	3,55,469	35,095	1,10,249	7,11,346	4,76,97,087	5,19,051	5,13,651	28,45,226	5,19,46,668
GROSS REVENUE.																		
During year { Direct	10,74,919	9,10,128	...	...	...	19,85,047	...	...	7,597	...	3,80,362	23,178	62,850	4,73,785	...	4,73,785	...	24,58,832
" Indirect	7,04,700	9,07,616	...	...	...	16,11,615	...	...	...	...	5,64,707	63,962	1,57,953	8,16,522	...	8,16,522	...	24,28,137
TOTAL	17,78,919	18,17,743	...	...	...	35,96,662	...	...	7,597	1,579	9,45,069	1,17,038	2,20,803	12,90,307	...	12,90,307	...	48,86,969
To end of year { Direct	1,25,72,836	2,54,48,743	...	...	...	3,80,21,579	...	...	96,535	6,423	28,55,117	7,74,277	8,67,399	46,29,911	36,584	46,66,495	4,26,45,289	4,73,11,784
" Indirect	43,34,175	1,89,08,360	...	...	...	2,12,42,535	...	...	...	...	53,01,940	11,11,338	26,90,443	91,02,659	...	91,02,659	3,03,45,224	4,94,47,883
TOTAL	1,69,06,810	4,43,57,103	...	...	...	5,92,64,113	...	...	96,535	6,423	81,56,057	18,85,683	35,57,841	1,37,32,570	36,584	1,37,69,154	7,29,91,513	9,67,59,667
WORKING EXPENSES.																		
During year { Direct	3,87,923	3,73,436	...	...	...	7,61,359	...	...	6,947	6,917	4,78,010	85,728	1,40,940	7,21,525	...	7,21,525	14,82,884	22,04,409
" Indirect	34,796	34,818	...	...	...	69,613	...	...	...	...	8,717	4,098	14,092	27,507	...	27,507	97,120	1,24,627
TOTAL	4,22,718	4,08,254	...	...	...	8,30,972	...	...	6,947	6,917	4,86,727	90,126	1,55,032	7,49,032	...	7,49,032	15,80,004	23,29,036
To end of year { Direct	62,06,259	1,26,93,854	...	...	...	1,88,99,913	...	...	62,028	1,344	37,96,875	18,86,019	33,41,194	1,90,20,462	4,32,145	95,20,462	2,74,20,175	4,59,40,637
" Indirect	8,77,366	9,11,363	...	...	...	17,88,729	...	...	...	...	2,04,439	1,70,286	2,30,436	24,12,761	17,301	6,24,122	24,12,761	54,49,644
TOTAL	70,83,625	1,36,05,217	...	...	...	2,06,88,642	...	...	62,028	1,344	40,01,314	20,56,305	35,71,630	2,14,33,223	4,49,446	1,01,44,284	3,08,32,928	5,13,90,281
NET REVENUE.																		
During year	13,66,201	14,09,489	...	...	...	27,75,690	...	...	750	33,165	4,58,342	29,612	55,571	5,41,275	...	5,41,275	33,06,965	38,48,240
To end of year	78,22,185	3,07,47,966	...	...	...	3,85,70,271	...	...	33,165	4,843	41,32,543	—1,70,731	—13,769	35,35,318	—4,12,872	31,22,446	4,21,93,557	4,57,37,321
SIMPLE INTEREST.																		
During year	6,72,840	8,23,554	6,09,996	...	6,09,996	16,05,390	...	...	1,749	1,579	4,903	23,522	31,196	16,05,390	23,444	16,28,834	55,298	16,84,132
To end of year	1,30,94,196	51,96,852	34,72,078	...	34,72,078	2,17,63,126	...	...	13,938	12,938	53,01,940	4,86,722	4,07,805	2,79,62,469	3,81,301	2,83,43,770	1,47,222	2,84,90,992
NET PROFIT AFTER PAYING INTEREST.																		
During year	6,83,361	10,86,935	—6,09,996	...	—6,09,996	11,60,300	...	...	—13,938	—12,938	—53,439	—4,86,834	—4,53,443	—11,60,300	—23,444	—11,83,744	—55,298	—12,39,042
To end of year	—61,71,011	2,56,50,654	—34,72,078	...	—34,72,078	1,59,07,565	...	...	—1,06,752	—8,422	—40,58,834	—6,57,603	—4,21,594	1,76,80,673	—8,04,623	1,68,76,050	—1,47,222	1,67,28,828

Proceedings of the Hon'ble the Lieutenant-Governor of the Punjab and its Dependencies, in the Public Works Department, No. 746 I, dated 27th February 1882.

READ—

Revenue Report of the Chief Engineer, Irrigation Works, Punjab, for the year 1880-81.

RESOLUTION.—The result of the working of the canals in the year under review shows an improvement on that of the previous year. The net revenue of the works in operation by assessment is 3·52 per cent. in excess of all charges, including interest, against 3·08 in the previous year.

2. The area irrigated has increased from 1,220,344 acres in the last year to 1,565,877 acres; but of this increase 239,906 acres is due to the introduction of the area watered by the Muzaffargarh Canals into the accounts for the first time. There is still an increase of 105,627 acres after deducting this; notwithstanding a falling-off on the Western Jumna Canal of 45,185 acres. As it is believed that the people on the Western Jumna Canal are now recommencing their usual irrigation, the prospects of improvement are most satisfactory.

3. The Capital invested by Government in the Punjab Canals amounted at the end of the year to R4,30,24,486, in addition to which R89,22,182 has been contributed by Native States for the Sirhind Canal, so that the total cost of the Punjab Canals has been R5,19,46,668.

4. The above includes R14,04,355 spent on the Swat River Canal, which is now classed as a Famine Protective work. It includes also a sum of R8,55,648 spent upon surveys for new canal projects made some years ago. It is to be hoped that some of these projects may be taken up and executed as Protective works, under which they may all be classed.

5. The returns, from the canals in use, by collections, amounted to R15,26,273 in excess of all charges for working expenses and interest, so that there was a profit of R3·55 per cent. on the whole Capital invested by Government.

Up to date the receipts have exceeded the whole of the charges by R1,76,80,673.

6. Of the permanent canals in operation the Capital amounted at the end of the year to R2,34,01,800, of which R5,28,362 had been spent during the year.

7. The gross revenue collected during the year was R35,96,662; the working expenses, R8,30,972; the interest charge, R9,95,394; and the profit, R17,70,296, or 7·56 per cent. on the Capital invested.

8. But the above included R2,24,138 on account of water-advantage rate of the Bári Doáb Canal for 1879-80, which has been erroneously credited both under direct and indirect income, and some adjustments of account for land revenue which had been allotted to Jagírdárs, so that a fairer view of the transactions will be obtained from the assessments of the year, which amounted to R25,48,737. The profit was thus R7,22,371, or 3·09 per cent. on the Capital. In the last year the profit, according to assessments, was 3·40 per cent.

9. The existence of a vast water-power on the Western Jumna Canal and the Bári Doáb Canal available for working machinery has again been brought prominently to notice in the *Punjab Gazette* and the *Gazette of India*. There is little doubt that this cheap motor power will be utilized in due time.

10. The Capital invested in the Inundation Canals in operation, including Mádhopur Workshops, at the end of the year, was R19,54,483. This was R18,166 less than in the previous year, the reduction being due to a decrease of the suspense balances.

11. The gross revenue amounted to R12,90,307; the working expenses to R7,49,032; and the interest charge to R84,746. The profit was thus R4,56,529, or 23·36 per cent. after paying all charges.

12. By the assessments, the revenue would only amount to R10,03,376, and the profit to R1,69,598, or 8·68 per cent. on the capital.

13. In both of these accounts, the charges of the Muzaffargarh Canals have not been included as no Capital Account is kept up for these canals, and consequently there are no interest charges at their debit.

14. An extension of the system of Inundation Canals in the arid tracts adjoining the great rivers of the Punjab could be made with great advantage, both to Government and to the people. Such canals would come under the class of Protective Works, and a grant from the sum to be devoted annually to such works could be very usefully spent.

15. The following table shows the area irrigated in the last 5 years :—

	1880-81.	1879-80.	1878-79.	1877-78.	1876-77.
Permanent	698,631	704,003	726,018	774,969	569,194
Inundation	867,246	516,341	692,261	549,511	544,888
TOTAL	1,565,877	1,220,344	1,418,279	1,324,480	1,114,082

The falling-off in the Permanent canals is entirely due to the Western Jumna Canal, and the increase in the Inundation mostly to the introduction for the first time of the area watered by the Muzaffargarh Canals.

O

16. At page 43 of the Chief Engineer's report a table is given of the results of the operations of the year based on the collections after deducting the adjustments of account for arrears of land revenue.

The results according to this table are for the—
Permanent canals in operation, a profit of 2·29 per cent.
Inundation canals, profit of 10·19 per cent.
Total canals in operation, a profit of 2·90 per cent.
On the whole capital invested, a profit of 0·08 per cent.

This is a more correct view of the operations than that given in the Provincial accounts which include the arrears collected.

WESTERN JUMNA CANAL.

17. The area irrigated by this canal shows a falling-off from last year of 45,135 acres; it was only 265,551 acres, the smallest area recorded since 1861. The causes are the same as those reported last year. But there are signs of the people reverting to their ordinary methods of cultivation.

18. The collections of the year, as shown in the Revenue Report, give a profit of 13·87 per cent., but this is due to an adjustment of account. The actual transactions of the year only shew a profit of 3·59, but there was a large uncollected balance.

The assessments of the year show a slightly better return, or 3·81 per cent.

The above percentages are net results after paying interest. The percentage by collections in the previous year was 8·98 and by assessment 7·65.

19. The working expenses were R1·54 per acre irrigated, against 1·53 in the previous year, and establishment charges 0·86 against 0·94.

20. After deducting all charges the balance at credit of this canal at the end of the year was R2,55,50,634.

21. The results of this year are the worst as yet recorded; but there is every reason to believe that the turning point has been reached, and that matters will now steadily improve.

BARI DOAB CANAL.

22. The area irrigated by this canal was 433,080 acres, being an increase of 39,768 acres over that of the previous year. Of this 23,680 acres were on the new branches.

23. The collections of the year show a net profit of 4·39 per cent.; but omitting adjustments in the accounts it is only 1·64 per cent., against 0·1 in the previous year.

24. The assessments show a net profit of 2·72, against 1·4 in the previous year. The charges and interest unpaid at the end of the year amounted to R61,71,011.

25. The charge for the establishment has been reduced to ·526, and the working expenses to 1·01 per acre irrigated. The accounts of the year show 0·496 for establishment and 0·98 for working expenses, against 0·718 and 1·27 in the previous year, but these include the adjustments of establishments due to a wrong allotment of the Direction charges in the previous year.

26. The balance uncollected at the end of the year amounted to R43,204; this is very large; and the Financial Commissioner has been asked to accelerate the collections.

27. The value of the crops irrigated in this year was R30,00,000 in excess of the whole Capital invested by Government in the canal. Many of these crops could not have been grown without irrigation; the benefit of such a work to the country in a dry season is very manifest from these figures.

28. The further enquiry called for in paragraph 5 of Government of India's Review of the Report for 1879-80 is still in progress. It is satisfactory, however, to note that swamping has nowhere resulted from the action of the Bári Doáb Canal, and that, as far as can be traced from records, variations in the levels of water in wells of that Doáb follow those of the rain-fall.

UPPER SUTLEJ INUNDATION CANALS.

29. The net profit on these canals was 0·53 per cent. on the Capital, against a loss of 3·42 in the previous year. But excluding adjustments of account, the profit is only 0·12. The accumulated interest unpaid at the end of the year was R6,57,503.

30. The area irrigated was 154,536 acres, but of this unfortunately the crops on 51,736 acres were lost owing to the fall of the river in July and August, so that the real area of the crop is only 102,800 acres, which is still 3,323 acres in excess of the previous year.

31. A re-adjustment of rates was made during the year. It is perhaps too soon to draw any conclusions from the result of one year's operations, but there was a large increase of area in Class IV., of which the rate had generally been raised.

32. The river rose early which led to an area of crop being sown in excess of that in any previous year; but, as explained above, this was afterwards lost. Still we may conclude that the people are inclined to extend the area irrigated. Unfortunately the state of the rivers is so variable, that the operations must always be liable to extensive fluctuations.

Without these canals cultivation would be almost impossible in the district in which they are situated.

LOWER SUTLEJ AND CHENAB INUNDATION CANALS.

33. The profit on these canals shown in the accounts was 411·28 per cent. after paying the interest and all charges. Even after deducting the arrears credited on account of assigned lands, the profit was 179·97 per cent.

34. The amount of land revenue credited for the year was R3,09,687. The balance at credit of these canals after paying interest and all other charges was R40,56,834.

35. The area irrigated was 299,284 acres, which was less than that in 1878-79, but in excess of all others since 1875-76. The river was low in July and August, but still there was an increase in the area of all the principal crops, except turnips, which are largely grown in the Mooltan District. Indigo, although much more than last year, is still below the average of the preceding years. Wheat is much in excess; this was due to the rise of the river in September.

36. The cost of the cultivation to the irrigators was R1·76 per acre, against R1·71 in the previous year. The increase is due to the remissions for short supply being less.

INDUS INUNDATION CANALS, DERA GHAZI KHAN DISTRICT.

37. The profit on these canals was 3·44 per cent. on the Capital, against a loss in the previous year of 22·41 per cent.

38. The balance of interest unpaid is R4,21,594. The credits due on account of arrears of assigned land revenue will reduce this to R3,23,069.

39. There was a profit to Government on the half share of the clearance rates of R13,126, which reduces the loss on this account up to date to R37,792. The charge was raised during the year from R45,000 to R54,000.

40. There was a reduction in the Maintenance charges of R76,988, and in the Executive establishment of R8,805 from the amounts in the last year, which were heavy owing to the severe floods of the previous season.

41. The area irrigated was 164,385 acres, being 20,048 in excess of that in the previous year, but less than any other since 1875-76; this is due to the low level of the river.

MUZAFFARGARH CANALS.

42. The report on these canals is as yet imperfect owing to the arrangements for the transfer of the Revenue Account from the Civil authorities not being complete.

43. The accounts of the year show a deficit of R43,045. But in the above no land revenue has been credited. The assessments show a profit of R1,44,376.

44. The area irrigated was 239,906 acres, being 59,083 in excess of that of the previous year, but this is shown in the Revenue Report for the first time.

45. It is estimated that the cost to the cultivators was R1-8 per acre, which is slightly in excess of that in Mooltan, 1·76.

46. Arrangement will be made to furnish more complete accounts next year.

SHAHPUR CANALS.

47. The profit on these canals was 1·84 per cent., exclusive of the interest; but if this be included, there was a loss of 2·45 per cent. on the Capital, against a profit of 1·19 per cent. in the previous year.

48. At the end of the year the balance of profit in excess of all charges, including interest, was R20,217.

49. The area irrigated was 9,135 acres, being 4,648 in excess of the previous year. From this it is evident that the canals will give a better return in the ensuing year, as the assessments are R8,472 in excess of those of last year.

50. It is proposed to send an officer of the Canal Department to assist the Deputy Commissioner in improving these canals.

By order of the Hon'ble the Lieutenant-Governor,

R. HOME, *Lieutenant-Colonel, R. E.,*
Offg. Joint-Secretary to Government, Punjab, P. W. D., Irrigation Branch.

CHIEF ENGINEER'S REVENUE REPORT FOR THE YEAR 1880-81.

WESTERN JUMNA CANAL.

The expenditure during the year was R5,22,683, which raised the Capital invested to R78,35,315 at the end of the year.

2. It consisted of—

	R
Works (net after deduction of receipts and suspense balance)	3,95,191
Establishment	1,00,808
Tools and Plant	1,003
TOTAL	4,97,002
Indirect charges	25,681
TOTAL	5,22,683

3. Of this about R99,000 was spent on the New Main Line and New Hánsi Branch, which are nearly ready for the admission of water, and R3,06,000 on the New Delhi Branch. The establishment charge was 24·4 on the gross expenditure on works.

4. The Revenue Account is as follows:—

EXPENDITURE.			RECEIPTS.		
	R	R		R	R
Extensions and Improvements		16,321	Water-rates	6,13,776	
Maintenance and Repairs		1,20,151	Owners' rates	2,29,371	
Compensation		1,058			8,43,147
Establishment—			Miscellaneous		66,981
	R				9,10,128
Direction	26,586		Enhanced land revenue for current year in districts where owners' rates are not yet in force—		
Executive	1,12,738		Delhi	43,890	
Revenue	65,158		Karnál	5,114	
Fees on collection	24,092		Hissár	46,888	
Plantations	187		Umballa	1,395	
		2,28,761	Assigned lands	4,995	
Tools and Plant		7,052			1,02,282
Refunds		93	Arrears of enhanced land revenue from lands assigned to Jágírdárs		8,05,333
TOTAL		3,73,436			
Book charges—					
Leave and Pension allowances		34,818			
Total Working Expenses		4,08,254			
Balance, Profit		14,09,489			
TOTAL		18,17,743	TOTAL		18,17,743

The balance of receipts is thus R14,09,489, or 17·98 per cent. on the capital invested.

5. The interest charge for the year amounts to R3,22,554. Deducting this the net profit of the year amounts to R10,86,935 or 13·87 per cent. on the Capital. The accumulated profits at credit of the canal amount to R2,55,50,634.

6. Included in the profits of the year, there is however a sum of R8,05,333, which has been brought to credit on account of the arrears of enhanced land revenue from lands assigned to Jágírdárs, this sum does not rightly belong to the transactions of the year; deducting it the real profit of the year is R6,04,166, or 7·71 per cent., and after paying the interest R2,81,602, or 3·59 per cent. on the Capital.

7. Of the expenditure under maintenance R16,321 was on account of extensions and improvements. The greater portion of this was the cost of a Canal office at Delhi, the remainder consisted of materials for replacing the Radour Bridge, and small additions to inspections bungalows.

8. The cost of repairs was R1,20,151, against R1,28,646 in the preceding year. The reduction is due to the special repairs to the Hánsi Branch carried out in the previous year not being required in this year to the same extent.

9. The following table shows a comparison of the working expenses for the last five years:—

PARTICULARS.	1880-81.	1879-80.	1878-79.	1877-78.	1876-77.
	R	R	R	R	R
Extensions and improvements	16,321	8,714	12,974	3,983	4,536
Maintenance and repairs	1,21,209	1,32,211	1,33,916	1,43,019	1,22,752
Establishment, including fees on collection	2,28,761	2,92,135	2,62,932	2,63,853	2,54,895
Tools and Plant	7,052	3,062	5,263	6,263	3,322
Profit and Loss	...	...	311	...	...
Refunds, including land revenue	93	116	39	1,607	3,868
Working Expenses	3,73,436	4,36,238	4,15,435	4,18,725	3,89,373
Book charges	34,818	39,394	...	...	...
TOTAL WORKING EXPENSES	4,08,254	4,75,632	4,15,435	4,18,725	3,89,373
	Acres.	Acres.	Acres.	Acres.	Acres.
Area irrigated	265,551	310,686	398,460	507,974	366,482
Rate per acre, excluding Book charges	1·41	1·40	1·04	0·82	1·06
Ditto including ditto	1·54	1·53	...	...	...
Establishment, rate per acre	0·86	0·94	0·66	0·52	0·70

10. From the above it is seen that although there is a great reduction in the cost of maintenance, the rate per acre is R1·41, against R1·40 in the previous year. This is due to the great falling-off in the area irrigated. In an average year the rate would be about R0·90 per acre. In the last two years the addition of the Book charges for leave and pension allowances raises this rate to R1·54 and R1·53 per acre. The establishment rate in the current year is only R0·86, against R0·94 in the previous year, which, considering the decrease in the area irrigated, may be considered very satisfactory.

11. The balance uncollected at the end of the year was R1,30,365, against R42,763 in the previous year. This was due to delay caused by the change in system, the owners' rate having been assessed by the Canal Officers for the first time.

12. The actual cash transactions of the year have hitherto been under report. If we turn to the assessments there is a falling-off in the water-rates for irrigation of R1,64,196; this is due to the disturbing influences mentioned in the last report which were still in action. In addition the rain-fall was very heavy and seasonable. There is every reason to believe that the people are now reverting to their usual system of cultivation, as the estimate of area irrigated during the present kharif (1881-82) shows an increase of nearly 50,000 acres, principally in the more valuable crops.

Taking the assessments, the result will be a profit of 7·93 per cent., excluding and 3·81 per cent. including, the interest charges; but these percentages cannot be compared fairly with the collections because of the large uncollected balance.

13. The assessments for the last five years are shown below; the owner's rate has for the first time been fixed by the Canal Officers—

	1880-81.	1879-80.	1878-79.	1877-78.	1876-77.
	R	R	R	R	R
Water-rate from irrigation	6,79,868	8,44,064	10,17,451	11,91,862	9,16,244
Miscellaneous receipts by sale of water	4,074	2,649	1,700	2,726	3,161
Water-supply for domestic purposes	2,108	1,268	2,095	2,036	676
Plantations	11,711	13,010	14,829	16,394	14,233
Other canal produce	1,608	2,677	2,404	2,041	3,883
Waterpower	18,952	6,108	112	11,648	15,287
Navigation receipts	17,893	14,654	8,709	10,364	8,341
Rent of buildings	928	1,077	842	936	812
Fines	3,097	4,375	6,291	7,124	6,150
Miscellaneous	6,609	9,184	4,217	2,847	2,359
	66,980	55,002	41,199	56,116	54,902
TOTAL	7,46,848	8,99,066	10,58,650	12,47,978	9,71,146
OWNER'S RATE	1,80,539	...	...	...	...
GRAND TOTAL	9,27,387	8,99,066	10,58,650	12,47,978	9,71,146

14. The miscellaneous revenue has increased by R11,978, and is the largest during the last five years. There is an increase in the rent of water-power of R12,844, principally due to a fair rent having been obtained for the mills in the Delhi Division which were sold by auction. There is also an increase in the navigation rates, amounting to R3,239, due to more timber being rafted down the canal. The other differences are but small.

15. The following table shows details of the canal for the last five years:—

PARTICULARS.	1880-81.	1879-80.	1878-79.	1877-78.	1876-77.
AREA IRRIGATED.	Acres.	Acres.	Acres.	Acres.	Acres.
Kharif	144,668	174,172	204,388	215,135	175,729
Per cent.	54·48	56·05	51·29	42·34	47·95
Rabbi	120,883	136,514	194,072	292,839	190,753
Per cent.	45·52	43·95	48·71	57·65	52·05
TOTAL	265,551	310,686	398,460	507,974	366,482
Rain-fall	11·3″ to 41·48″	10·4″ to 36·54″	20·8″ to 33·5″	14″ to 21″	19·3″ to 40·6″
Twice-cropped land	Acres. 18,024	Acres. 38,110	Acres. 57,075	Acres. 85,202	Acres. 39,298
DUTY OF WATER PER CUBIC FOOT OF SUPPLY UTILIZED.	Acres. R	Acres. R	Acres. R	Acres. R	Acres. R
Kharif	71·7 206	89·1 278	103 302	81 228	78 257
Rabbi	85·2 187	72·6 160	91 197	150 324	97 237
DUTY OF WATER PER CUBIC FOOT OF SUPPLY AT HEAD.	Acres.	Acres.	Acres.	Acres.	Acres.
Kharif	62·4	79·6	100·8	81	...
Rabbi	62·8	61·6	90·1	149	...
SUPPLY ENTERING CHANNEL.	Cubic feet per second.	Cubic feet per second.	Cubic feet per second.	Cubic feet per second.	Cubic feet per second.
Kharif	2,318	2,188	2,026	2,579	2,204
Rabbi	1,924	2,216	2,152	1,930	1,937
SUPPLY UTILIZED.					
Kharif	2,016	1,955	1,976	2,505	2,069
Rabbi	1,418	1,878	2,124	1,913	1,684
LOSS OF WATER.					
Kharif	302	233	50	74	195
Rabbi	506	338	88	17	253
NUMBER OF VILLAGES IRRIGATED.	No.	No.	No.	No.	No.
Kharif	646	676	677	693	654
Rabbi	568	619	699	680	626
AVERAGE WATER-RATE PER ACRE IRRIGATED.	R	R	R	R	R
Kharif	2·86	3·12	2·92	2·66	2·94
Rabbi	2·20	2·19	2·16	2·12	2·09
Repairs to canal, per mile	115	162	150	152	105
Per acre irrigated	0·17	0·21	0·15	0·12	0·11
Rájbaha per mile	·07	·06	·04	·04	·05

16. The decrease in area irrigated has been before explained. There was heavy rain in September over the whole country, and a smaller quantity in December, February and March, the latter just occurring when a demand for water was beginning to arise, which was at once stopped thereby.

17. The following table shows a comparison of the areas of the principal crops grown during the last five years. It will be seen that there is a great falling off in sugarcane and cotton, but it is believed that this will be recovered in the present year (1881-82 :—

Particulars.	1880-81.	1879-80.	1878-79.	1877-78.	1876-77.
	Acres.	Acres.	Acres.	Acres.	Acres.
Sugarcane	23,846	46,973	44,006	42,135	34,602
Rice	48,372	44,076	48,383	34,733	46,047
Cotton	44,213	63,201	76,286	65,989	76,616
Wheat	93,644	103,470	140,374	206,361	143,072

18. Cost of measurement and preparation of demand statements was—

Division.	Measurements. Kharif. Commenced.	Measurements. Kharif. Completed.	Measurements. Rabi. Commenced.	Measurements. Rabi. Completed.	Cost and area measured. Kharif. Area and amount.	Cost and area measured. Kharif. Rate per 100 acres.	Cost and area measured. Rabi. Area and amount.	Cost and area measured. Rabi. Rate per 100 acres.	Demand statements. Last batch submitted. Kharif.	Demand statements. Last batch submitted. Rabi.	Demand statements. Kharif. Cost.	Demand statements. Kharif. Rate per 100 acres.	Demand statements. Rabi. Cost.	Demand statements. Rabi. Rate per 100 acres.
						₹		₹						
Karnál Division .	1880. 15th Sep.	1880. 17th Nov. 1881.	1881. 17th Mar.	1881. 3rd May	175·39 / 15,293	1·15	127·55 / 5,153	2·47	1880. 13th Dec.	1881. 14th May	49·31	0·32	28·51	0·55
Hánsi ditto .	4th Oct.	1881. 18th Jan. 1880.	1st Feb.	30th April	867 / 70,757	1·23	772 / 85,046	0·99	1881. 4th Feb.	15th June	473	0·67	431	0·49
Delhi ditto .	13th June	23rd Nov.	15th Mar.	18th May	1,560 / 58,618	2·66	710 / 80,684	2·31	15th „	30th „	620	1·06	406	1·32
Whole Canal .	...	...	...	...	2,602·39 / 144,668	1·80	1,609·55 / 120,883	1·33	...	...	1,142·31	0·79	854·51	0·70
Average of 5 years	...	...	...	...	2,753 / 182,818	1·51	2,453 / 187,012	1·31	...	...	1,014	0·55	910	0·49

The rates for the kharif measurements are higher, and those of the rabi lower than last year. Those for preparing the demand statements higher in both seasons, but only slightly so.

19. The value of the crops irrigated during the year amounted to ₹90,46,039, against ₹1,16,07,891 in the previous year. The falling-off is due to the decrease in the area of the principal crops mentioned above.

20. The following table of rainfall shows that the fall was so well distributed throughout the year as to reduce the necessity for artificial irrigation to a minimum :—

Months.	Umballa District. Hathnikund.	Umballa District. Dadúpur.	Umballa District. Kanjmán.	Karnal District. Karnal.	Karnal District. Ber.	Karnal District. Panipat.	Rohtak District. Rohtak.	Rohtak District. Sampla.	Rohtak District. Gohana.	Hissar District. Hissar.	Hissar District. Hansi.	Delhi District. Delhi.	Delhi District. Sonepat.
Kharif 1880.													
April 1880	...	0·20	0·32	...	...	...	...	...	...	...	...	0·10	0·50
May „	0·55	0·10	0·42	0·28	0·44	0·40	...	...	0·20	...	...	0·10	0·50
June „	8·21	9·76	6·14	10·30	5·28	5·40	1·50	0·40	3·20	2·40	1·50	1·00	1·10
July „	20·33	12·48	15·05	12·24	15·34	9·90	7·00	12·60	11·60	7·30	8·10	18·50	8·50
August „	5·10	1·85	2·80	0·70	1·04	2·40	...	1·90	2·30	1·70	...	2·80	4·10
September „	2·35	6·48	7·15	4·69	2·97	5·80	3·85	3·90	3·50	1·30	1·10	8·40	10·80
Total .	36·54	30·87	31·88	28·21	25·07	23·90	12·35	18·80	20·80	12·70	10·70	25·80	25·00
Rabi 1880-81.													
October 1880	...	...	...	0·10	...	...	...	...	...	1·20	...	0·40	...
November „	...	0·10	...	0·90	0·34	2·00	0·90	1·10	1·00	0·80	0·60	1·10	0·70
December „	1·34	1·07	1·16	...	...	...	0·10	...	...	...	...	...	...
January 1881	0·19	0·10	...	0·30	0·20	0·40	0·30	...	...	0·70	...	0·40	0·40
February „	0·60	0·85	0·37	1·90	1·11	1·70	2·50	2·50	1·50	1·40	...	2·00	2·80
March „	2·81	2·47	3·73										
Total .	4·94	4·59	5·26	3·20	1·65	4·10	3·80	3·60	2·50	4·10	0·60	3·90	3·90
Grand total .	41·48	35·46	37·14	31·41	26·72	28·00	16·15	22·40	23·30	16·80	11·30	29·70	28·90
Total for 1879-80 .	40·64	35·56	25·79	23·30	22·12	23·70	20·95	23·30	22·10	10·40	11·90	36·40	23·20
Difference { More .	0·84	...	11·35	8·11	4·60	4·30	...	...	1·20	6·40	...	...	5·70
Difference { Less .	...	0·10	...	...	...	...	4·80	0·90	...	...	0·60	6·70	...

21. The following statement shows the area of crops irrigated and estimated value of produce during the year 1880-81.

WESTERN JUMNA CANAL.

Statement of Areas of Crops Irrigated, and Estimated value of Produce, during the year 1880-81.

Name of Crop.	Karnal Division. Flow.	Karnal Division. Lift.	Karnal Division. Total.	Karnal Division. Produce per acre.	Karnal Division. Total estimated produce.	Karnal Division. Rate per rupee.	Karnal Division. Total value.	Hansi Division. Flow.	Hansi Division. Lift.	Hansi Division. Total.	Hansi Division. Produce per acre.	Hansi Division. Total estimated produce.	Hansi Division. Rate per rupee.	Hansi Division. Total value.	Delhi Division. Flow.	Delhi Division. Lift.	Delhi Division. Total.	Delhi Division. Produce per acre.	Delhi Division. Total estimated produce.	Delhi Division. Rate per rupee.	Delhi Division. Total value.	Whole Circle. Total value of produce.
	Acres.	Acres.	Acres.	M. S. C.	Mds.	M. S. C.	₹	Acres.	Acres.	Acres.	M. S. C.	Mds.	M. S. C.	₹	Acres.	Acres.	Acres.	M. S. C.	Mds.	M. S. C.	₹	₹
Kharif, 1880—																						
Class I.—																						
Gardens . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1,97,360
Sugarcane . . .	2,317	160	2,467	...	...	R 80 per acre.	1,97,360	...	...	...	...	...	R 80 per acre.	1,97,360	...	...	...	...	...	R 80 per acre.	1,97,360	1,97,360
Total .	2,317	160	2,467	...	...	0 12 0	19,64,620	...	...	...	...	...	0 12 0	19,64,620	...	...	...	...	...	0 12 0	19,64,620	26,09,689
Class II.—																						
Cereals—Rice . . .	20,363	29	20,391	25 0 0	509,775	0 25 0	8,15,640															14,70,447
Drugs—Tobacco . . .	29	19	48	10 0 0	480	0 8 0	2,400															3,082
Spices—Chillies . . .	26	8	34	15 0 0	610	0 8 0	2,550															12,821
Miscellaneous—Vegetables.	333	49	382	...	...	R 50 per acre.	19,100															31,628
Singháras (water nuts) .	167	...	167	80 0 0	13,360	1 0 0	13,360															27,884
Melons . . .	10	...	10	80 0 0	800	1 0 0	800															800
Onions . . .	...	...	...	...	...	...	...															62
Total .	20,927	105	21,032	...	...	...	8,53,850															15,40,724
Class III.—																						
Fibres—Cotton . . .	10,806	670	11,476	3 0 0	34,428	0 3 0	4,69,040															15,69,479
Dyes—Indigo . . .	516	4	519	7 0 0	3,633	R 50 per acre.	1,91,650															3,03,273
Oil-seeds—Toria . . .	... 5	... 1	... 6	50 0 0	... 300	2 0 0	... 150															130
Fodder—Lucerne grass .																						13,290
Total .	11,326	675	12,001	...	...	...	6,40,840															17,86,171
Class IV.—																						
Cereals—Maize (Makai) .	903	242	1,145	20 6 0	22,900	0 25 0	36,646															67,865
Jowár (great millet) .	1,483	157	1,640	10 0 0	16,400	0 25 0	26,240															66,656
Bájra (spiked „) .	75	...	75	12 0 0	900	0 22 0	1,688															2,383
Mundwa . . .	...	...	...	...	...	...	...															615
Kulthi . . .	...	...	...	...	...	...	...															8
Jowár . . .	... 69	... 3	... 72	22 0 0	1,584	0 25 0	2,534															5,333
Kangni . . .	...	...	...	...	...	...	...															30
China . . .	... 9	... 3	... 12	12 0 0	144	0 16 0	360															600
Total .	2,959	252,096	254,055	0 10 0	252,096	0 10 0	2,52,096	141	138	279	11 0 0	2,959	0 25 0	4,734	4	4	8	8 0 0	64	0 25 0	16	2,59,855
Grand total .	28,188	649	28,837	0 30 0	16,939	0 30 0	38,891	6,779	516	7,295	4 0 0	28,188	0 30 0	38,891	38	1	39	8 0 0	312	0 30 0	520	66,656
Total .	312	12	324	0 24 0	620	0 24 0	620	38	...	38	8 0 0	312	0 24 0	620	...	...	...	...	...	...	...	2,383
Total .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	615
Total .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8
Total .	2,024	13	2,037	0 30 0	2,899	0 30 0	2,899	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5,333
Total .	...	...	...	0 16 0	30	0 16 0	30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	30
Total .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	600
Grand total .	2,983	265	3,248	0 25 0	4,734	0 25 0	4,734	141	138	279	11 0 0	2,983	0 25 0	4,734	42	5	47	8 0 0	376	0 25 0	20	4,754
Total .	1,480	444	1,924	8 0 0	15,392	0 23 4	26,461	6,779	516	7,295	4 0 0	29,180	0 26 4	48,625	38	1	39	8 0 0	312	0 30 0	520	67,865
Total .	116	27	143	7 0 0	1,001	0 26 4	1,635	38	...	38	8 0 0	312	0 30 0	520	...	...	...	...	...	...	...	66,656
Total .	15	2	17	7 0 0	119	0 21 0	247	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2,383
Total .	43	30	73	8 0 0	816	0 20 8	615	...	...	...	...	...	...	...	...	...	...	...	...	...	...	615
Total .	1	...	1	4 0 0	4	0 20 0	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8
Total .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5,333
Total .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	30
Total .	15	21	36	6 0 0	160	0 30 0	240	...	...	...	...	...	...	...	...	...	...	...	...	...	...	600
Grand total .	1,169	599	1,768	...	...	...	1,07,938	141	138	279	11 0 0	2,983	0 25 0	4,734	42	5	47	8 0 0	376	0 25 0	20	1,07,958

Statement of Areas of Crops irrigated, &c.,—concluded.

Name of Crop.	Karnal Division.							Hansi Division.							Delhi Division.							Whole Circle.
	Flow.	Lift.	Total.	Produce per acre.	Total estimated produce.	Rate per rupee.	Total value.	Flow.	Lift.	Total.	Produce per acre.	Total estimated produce.	Rate per rupee.	Total value.	Flow.	Lift.	Total.	Produce per acre.	Total estimated produce.	Rate per rupee.	Total value.	Total value of produce.
KHARIF, 1880—*concluded.*	Acres.	Acres.	Acres.	M. S. C.	Mds.	M. S. C.	₹	Acres.	Acres.	Acres.	M. S. C.	Mds.	M. S. C.	₹	Acres.	Acres.	Acres.	M. S. C.	Mds.	M. S. C.	₹	₹
Class IV.—*concluded.*																						
Oil-seeds—Til	...	...	...	...	...	...	...	29	8	37	6 0 0	222	0 15 0	592	61	...	61	20 0 0	1,220	0 10 0	4,880	5,472
Pulses—Urad	...	...	...	...	...	...	...	98	3	101	4 0 0	404	0 24 0	673	...	...	...	...	...	...	...	673
Moth	...	...	...	...	...	...	...	11	4	15	4 0 0	60	0 26 0	92	63	...	63	10 0 0	630	0 22 0	1,145	1,237
Fibres—Hemp	...	...	...	...	...	...	...	71	8	79	2 0 0	158	0 16 0	395	13	...	13	5 0 0	65	0 8 0	325	720
Fodder—Chari	...	...	...	...	...	...	...	4	...	4	6 0 0	24	4 0 0	6	328	9	337	22 0 0	7,414	4 0 0	1,854	1,860
Country grass	...	...	...	...	...	...	...	31	3	34	16 0 0	544	8 0 0	68	72	7	79	60 0 0	4,740	4 0 0	1,185	1,253
Cereals—Mundwa Kangni	...	...	...	...	...	...	...	...	...	...	...	...	...	...	204	20	224	12 0 0	2,688	0 15 6	7,168	7,168
Pulses—Urad																						
Total	1,670	514	2,184	...	...	...	29,096	8,028	701	8,727	...	...	...	48,700	3,260	441	3,721	...	...	...	83,967	1,61,763
Class V.—																						
Fallow land—Palawar	753	36	789	...	...	...	...	1,066	3	1,069	...	...	...	...	2,017	47	2,064	...	...	...	...	...
Total Kharif	13,851	1,442	15,293	...	...	...	6,46,723	67,531	3,226	70,757	...	...	...	19,14,347	56,693	1,926	58,619	...	...	...	37,40,537	63,01,607
RABI, 1880-81—																						
Class I.—																						
Gardens	89	15	104	...	...	R 80 per acre.	8,320	612	187	799	50/	...	...	39,950	9	4	13	...	...	R 80 per acre.	1,040	49,310
Total	89	15	104	...	...	...	8,320	612	187	799	...	...	...	39,950	9	4	13	...	...	...	1,040	49,310
Class II.—																						
Drugs—Tobacco	20	59	79	9 9 9	730	0 6 12	4,326	381	589	970	9 0 0	8,730	0 26 0	13,431	27	23	50	10 0 0	500	0 8 0	2,500	20,257
Poppy head	14	24	38	1 0 0	38	0 9 8	160	...	...	...	...	...	...	...	...	...	...	...	...	...	...	160
Spices—Ajwain (*Ptychotis*)	...	...	...	...	...	...	...	245	150	395	3 0 0	1,185	0 12 0	3,950	31	1	32	6 0 0	192	0 8 0	960	4,910
Dhania	...	...	...	...	...	...	...	219	122	341	4 0 0	1,364	0 13 0	4,198	...	...	...	...	...	...	...	4,198
Hallon	...	...	...	...	...	...	...	5	...	5	3 0 0	15	0 13 0	46	...	...	...	...	...	...	...	63
Hethi (*Trigonella*)	12	4	16	6 0 0	96	0 23 0	120	506	113	619	4 0 0	2,476	0 20 0	4,952	635	70	705	4 0 0	2,820	0 8 0	14,100	19,172
Chillies	...	...	...	...	...	...	...	1	1	2	17 0 0	34	0 20 0	68	...	...	...	...	...	...	...	68
Saunf	...	...	...	...	...	...	...	2	...	2	7 0 0	14	0 12 0	47	...	...	...	...	...	...	...	47
Miscellaneous—Vegetables	21	13	34	80 0 0	2,720	0 39 0	2,868	133	171	304	15 0 0	4,560	1 20 0	3,040	213	28	241	...	...	50/	12,050	17,953
Onions	8	3	11	80 0 0	880	1 12 0	677	58	61	119	51 0 0	6,069	3 0 0	2,023	10	5	15	20 0 0	300	2 0 0	150	2,850
Carrots	2	...	2	80 0 0	160	1 20 0	107	63	101	164	41 0 0	6,724	1 20 0	4,483	15	7	22	20 0 0	440	4 0 0	110	4,700
Melons	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	2	80 0 0	160	1 0 0	160	160
Total	77	103	180	...	...	...	8,253	1,613	1,308	2,921	...	...	...	36,238	933	134	1,067	...	...	...	30,030	74,521
Class III—																						
Cereals—Wheat	2,634	1,188	3,822	12 0 0	63,864	0 18 9	1,40,980	56,486	6,445	62,931	8 0 0	503,448	0 19 8	10,32,714	23,955	2,936	26,891	20 0 0	537,820	0 20 0	10,75,646	22,49,334
Barley	371	96	467	15 0 0	7,005	0 25 12	10,281	2,976	454	3,430	11 0 0	37,730	0 32 0	47,162	10	...	10	20 0 0	200	0 30 0	285	58,310
Gram	59	2	61	12 0 0	732	0 20 6	1,464	11,982	47	12, 29	10 0 0	120,29	0 26 0	1,55,252	136	1	137	20 0 0	2,740	0 25 0	4,384	1,61,110
Mixed grains—Barley and gram	...	...	...	...	...	...	...	144	16	160	10 0 0	1,60	0 32 0	2,880	1,926	75	2,001	20 0 0	40,020	0 25 0	64,032	66,032
Wheat and gram	11	7	18	14 0 0	252	0 24 0	420	304	...	304	9 0 0	2,736	0 24 0	4,560	...	...	...	...	...	...	...	4,980
Barley and Masur	...	...	...	...	...	...	...	832	58	890	6 0 0	5,334	0 32 0	6,668	...	...	...	...	...	...	...	6,668
Dyes—Safflower	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	2	8 1 8	3	0 2 0	60	60
Oil-seed—Sarson	1	1	2	3 0 0	6	0 13 0	18	20	4	24	4 0 0	96	0 16 0	240	1	...	1	8 0 0	8	0 16 0	20	278
Karar	...	...	...	...	...	...	...	1	...	1	3 0 0	3	1 0 0	3	...	...	...	...	...	...	...	3
Toria	157	8	165	4 0 0	660	0 16 0	1,650	10	6	16	7 0 0	112	0 30 0	140	...	...	...	...	...	...	...	1,790
Linseed	1	...	1	3 0 0	3	0 9 12	12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	12
Pulses—Masur	25	7	32	12 0 0	384	0 21 8	714	262	17	279	5 0 0	1,395	0 20 0	2,790	151	16	167	10 0 0	1,670	0 12 0	6,567	10,971
Arhar	...	...	...	...	...	...	...	1	...	1	16 0 0	16	0 20 0	32	...	...	...	...	...	...	...	32
Fodder—Lucerne grass	...	...	...	...	...	...	...	284	91	375	320 0 0	120,0 0	4 20 0	26,667	...	...	...	...	...	...	...	26,667
Oats (Javi)	...	...	...	...	...	...	...	93	42	135	9 0 0	1,215	1 0 0	1,215	72	...	72	15 0 0	1,080	0 20 0	2,160	3,375
Total	3,259	1,309	4,568	...	...	...	1,56,139	73,395	7,180	80,575	...	...	...	13,09,462	26,291	3,030	29,311	...	...	...	11,53,130	26,18,731
Class IV—																						
Cereals—China	...	...	...	...	...	...	...	3	...	3	4 0 0	12	0 20 0	24	1	...	1	12 0 0	12	0 16 0	30	54
Maize (Makai)	2	...	2	8 0 0	16	0 23 4	28	...	...	...	...	...	...	...	...	...	...	...	...	...	...	28
Fodder—Country grass	4	13	17	50 0 0	850	1 0 0	850	18	...	18	17 0 0	306	8 0 0	38	36	1	37	60 0 0	2,220	4 0 0	555	1,443
Chari	...	...	...	...	...	...	...	31	...	31	50 0 0	1,550	8 0 0	195	...	...	...	...	...	...	...	195
Lucerne grass	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6	...	6	50 0 0	30	2 0 0	150	150
Total	6	13	19	...	...	...	878	52	...	52	...	...	...	257	43	1	44	...	...	...	735	1,870
Class V—																						
Fallow land	272	10	282	...	...	...	...	693	6	699	...	...	...	...	243	6	249	...	...	...	...	...
Total	272	10	282	...	...	...	...	693	6	699	...	...	...	...	243	6	249	...	...	...	...	...
Total Rabi, 1880-81	3,703	1,460	5,153	...	...	...	1,73,592	76,365	8,681	85,046	...	...	...	13,85,907	27,509	3,175	30,684	...	...	...	11,84,935	27,44,432
Total Kharif, 1880	13,851	1,442	15,293	...	...	...	6,46,723	67,531	3,226	70,757	...	...	...	19,14,347	56,693	1,926	58,619	...	...	...	37,40,537	63,01,607
GRAND TOTAL, 1880-81	17,554	2,902	20,446	...	...	...	8,20,313	143,896	11,907	155,803	...	...	...	34,00,254	84,202	5,101	89,303	...	...	...	49,25,472	90,46,039
GRAND TOTAL, 1879-80	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1,16,07,891

BARI DOAB CANAL.

22. The additions to the Capital during the year amounted to ₹5,679. The expenditure was on the Kasur and Sobráon Branches, under the headings of inspection bungalows, plantations, demarcating lands and irrigation outlets. A sum of ₹1,00,680 was written off to the several works on account of depreciation of stock collected for the remodelling works which are in abeyance. But it was balanced by decrease in the suspense accounts. The Capital at the end of the year amounted to ₹1,55,66,485.

23. The Revenue Account is as follows :—

EXPENDITURE.	₹	₹
Extension and improvements		13,534
Maintenance and repairs		1,51,042
Compensation		2,293
ESTABLISHMENT—	₹	
Direction	1,834	
Executive	1,14,103	
Medical	2,260	
Revenue	51,446	
Fees on collection	43,627	
Plantations	1,349	
		2,14,619
Tools and Plant		2,035
Refunds		4,400
TOTAL		3,87,923
Book Charges, Leave and Pension allowances		34,795
TOTAL WORKING EXPENSES		4,22,718
Balance Profit or 8·71 per cent. on Capital invested.		13,56,201
TOTAL		17,78,919

RECEIPTS.	₹	₹
Water-rates		9,54,003
Miscellaneous		1,20,916
TOTAL DIRECT RECEIPTS FOR CURRENT YEAR		10,74,919
Water-advantage rate, 1880-81		2,76,430
Arrears of water-advantage rate assigned to Jagirdars		2,03,745
	₹	
Water-advantage rate, 1879-80	2,24,138	
Deduct excess credited in 1879-80	313	
		2,23,825
TOTAL WATER-ADVANTAGE RATE		7,04,000
TOTAL		17,78,919

24. This shows a balance of profit amounting to ₹8·71 per cent. on the Capital, against 4·6 in the previous year. But this profit includes ₹2,24,138 on account of water-advantage rate for 1879-80, which has been erroneously credited both under direct and indirect income, and an adjustment of accounts by crediting to the canal the arrears of water-advantage rate which had been assigned to Jágirdárs. Deducting these the profit of the year amounts to 5·96 per cent.

25. The interest charge for the year is ₹6,72,840, so that the net revenue after paying all charges is 4·39 per cent. according to the year's accounts, but deducting the arrears, 1·64 per cent., against 0·1 in the previous year. The balance of unpaid charges and interest at the end of the year was ₹61,71,011, but the actual amount is ₹63,95,149, owing to the double credit noted above.

6. The sum of ₹13,534 was spent on extensions and improvements. These were out-offices for inspection bungalows, alterations to distributaries, and construction and improvement of mills. ₹3,857 were spent on the mills which are proving very remunerative on this canal. ₹3,186 were spent on a drainage channel. The other items were all small.

27. In maintenance and repairs there is a reduction of ₹21,559. On the Head Works the reduction was ₹10,478, but the balance can hardly be called reduction, being rather deferred expenditure ;—the demand for water in the rabi was so great that the canal could not be closed for silt-clearance.

28. There is a reduction of ₹67,870 on establishment, but this is partially due to an adjustment of the Direction charges for last year, which were in excess owing to an error in the allotment to the Inundation Canals, as explained later in this report. The reduction under Direction was ₹47,972, so that there still was a net reduction of nearly ₹20,000 in the establishment charge.

29. The following table gives a detailed comparison of the cost of the establishment :—

	1880-81.	1879-80.	1878-79.	1877-78.	1876-77.
ENGINEERING.					
Direction	1,834	49,806	54,205	58,420	73,995
Executive	1,14,103	1,28,079	1,16,543	1,24,866	1,07,064
Medical	2,260	2,026	2,065	4,549	8,877
TOTAL	1,18,197	1,79,911	1,72,813	1,87,835	1,89,936
REVENUE.					
Collection and Police	51,446	56,485	49,607	44,377	39,549
Lambardárs & Patwáris' fees	43,627	43,596	28,242	23,350	24,440
TOTAL REVENUE	95,073	1,00,081	77,849	67,727	63,989
Plantations	1,349	2,497	2,643	2,500	2,251
GRAND TOTAL	2,14,619	2,82,489	2,53,305	2,58,062	2,56,176
Area irrigated in acres	4,33,080	3,93,317	3,27,558	2,66,995	2,02,712
Rate per acre, Establishment	·496	·718	·773	·966	1·26
Do. excluding the adjustment of this year	·526	·684			

But this is misleading : owing to the adjustment mentioned above the charge for the year only comes to ·496, or nearly seven annas per acre, but for these adjustments the charge would have been ·526 per acre.

30. The following table shows the results of the operations for five years according to both collections and assessments of the year. The rate of working expenses per acre is vitiated in the same way as that for the establishment, but the true rate is shown at foot of the statement.

The profit by assessments appears to be less than by the collections, but this is due to the adjustments of the arrears of land revenue on assigned lands and the double credit on account of water-advantage rate for 1879-80 mentioned above; the true improvement is shown by comparison with the assessments of the previous year, but is still somewhat higher than it should be owing to the adjustment of the charges for Direction :—

PARTICULARS.	1880-81.	1879-80.	1878-79.	1877-78.	1876-77.
INCOME—COLLECTIONS.	₹	₹	₹	₹	₹
Water-rates	9,54,003	8,90,367	7,33,976	5,07.855	5,19,461
Miscellaneous	1,20,916	76,786	71,857	61,182	73,235
Land Revenue	7,04,000	2,24,138	1,77,380	1,19,028	1,07,302
TOTAL	17,78,919	11,91,291	9,83,213	6,88,065	6,99,998
INCOME—ASSESSMENTS.					
Water-rates	10,70,859	9,69,021	8,22,524	6,28,451	5,25,296
Miscellaneous	1,20,916	76,786	71,857	61 182	73,235
Land Revenue	3,27,293	3,39,647	2,54,502	2,14,277	1,53,865
TOTAL	15,19,068	13.85,454	11,48,883	9,03,910	7,52,396
Capital invested	1,55,66,485	1,49,61,778	1,49,54,439	1,48,36,496	1,46,97,271
Working expenses	4,22,718	5,02,288	5,14,358	5,23,987	5,53,652
Area irrigated . Acres	4,33,080	3,93,317	3,27,558	2,66,995	2,02,712
Profit on Capital—					
Collections	13,56,201	6,89,003	4,68,855	1,64,078	1,46,346
Per cent.	8·71	4·60	3·16	1·12	1·01
Assessment	10,96,350	8,83,166	6,34,525	3,79,923	1,98,744
Per cent.	7·04	5·90	4·28	2·58	1·37
Interest charges for the year	6,72,850	6,72,646	6,70,077	6,64,980	6,58,943
Working expenses per acre excluding book charges	0·90	1·18	1·57	1·96	2·73
Ditto including book charges	·98	1·27	...	...	...
Omitting the adjustments of this year for establishment	1·01	1·24	...	...	...

31. The owner's rate, or land revenue dependent on the canal, for the year is as follows :—

AREA IN EACH CLASS.		₹	₹
2,041	acres @ ₹1-8	2,888	
	„ „ half rate	86	
			2,974
4,537	„ „ ₹1-4	5,505	
	„ „ half rate	83	
			5,588
32,821	„ „ ₹1-2	32,580	
	„ „ half rate	2,172	
			34,752
222,340	„ „ ₹1	1,96.380	
	„ „ half rate	12,980	
			2,09,360
171,341	„ „ 12 annas	1,14,274	
	„ „ half rate	7,066	
			1,21,340
433,080	Average rate ₹0·86, or 13 annas 9 pies per acre		3,74,014*

32. There is an increase of ₹1,01,838 in the water-rates assessed and ₹44,130 in the miscellaneous revenue of the year. The former is due to the increased area watered, 39,763 acres. Of this 23,680 acres was on the Kasúr and Sobráon Branches, the remainder on the older branches, principally at the tail of the canal. Of the miscellaneous revenue ₹18,270 is due to the increased mill-rents. The mills were sold at very high rates to men who had contracts for supplying flour to the army in the field, and we cannot expect to get such rates under ordinary circumstances. There is an increase of ₹2,088 in the sale of water for purposes other than irrigation, and of ₹4,069 in plantations. There is an increase of ₹12,174 under fines, which is somewhat to be regretted. It is due to punishment for breaches of regulations which are always more common where water is in such demand as it was in December and January, and to some extent to the enforcement of the rules against unauthorized irrigation.

* This includes the rate on well lands not entered in the table under para. 30.

The increase of R7,145 in sundry collections is partly due to the sale of land to the Egerton Woollen Mills Company at Dhárîwál.

33. The following table shows the comparison of the several items for the last five years :—

	Items.	1880-81.	1879-80.	1878-79.	1877-78.	1876-77.
		R	*R*	*R*	*R*	*R*
III.	Miscellaneous receipts from sale of water	11,90	9,813	8,747	8,074	8,190
V.	Receipts from plantations . . .	18,138	14,069	14,831	15,075	16,979
VI.	Ditto other produce . . .	85	162	111	115	6,177
VII.	Ditto water-power or mill-rent .	64,029	45,759	45,504	35,290	38,542
VIII.	Ditto navigation rent . . .	...	...	...	167	79
IX.	Ditto rent of buildings . .	1,328	867	586	666	856
X.	Ditto fines	17,693	5,519	1,764	1,563	1,904
XI.	Ditto sundry collections . .	7,742	597	311	232	508
	Total .	1,20,916	76,786	71,857	61,182	73,235

34. The following table gives information on various points connected with the working of the canal for the last five years :—

Area irrigated.	1880-81.	1879-80.	1878-79.	1877-78.	1876-77.
	Acres.	Acres.	Acres.	Acres.	Acres.
Kharîf	151,104	149,436	116,463	85,664	75,748
Per cent.	34·9	38·0	35·6	32·1	37·0
Rabi	281,976	243,881	211,095	181,331	126,964
Per cent.	65·1	62·0	64·4	67·9	63·0
Total .	433,080	393,317	327,558	266,995	202,712
Double-cropped land . .	56,836	53,137	33,436	28,062	26,288
Per cent.	13·1	13·6	10·2	10·5	13·0
Rain fall . .	10·40—41·29	16·30—38·93	17·85—31·78	17·12—31·89	26·85—45·38
Supply entering Canal.	Cubic feet.	Cubic feet.	Cubic feet.	Cubic feet.	Cubic feet.
Kharîf	2,759	2,501	2,001	1,823	1,748
Rabi	1,950	2,073	1,958	1,130	1,342
Supply utilized.					
Kharîf	2,695	2,396	1,821	1,552	1,500
Rabi	1,919	2,056	1,926	972	862
Loss of water.					
Kharîf	64	105	180	271	248
Rabi	31	17	32	158	480
Duty of water per cubic foot.					
Entering Canal.	Acres. *R*	Acres. *R*	Acres. *R*	Acres. *R*	Acres. *R*
Kharîf	548 1618	597 1725	5820 18113	4699 13446	4823 14562
Rabi	1446 3202	1177 2593	10781 23136	16047 33922	9461 21175
Utilized.					
Kharîf	560 1656	623 1809	6395 19904	5520 15794	5050 16970
Rabi	1469 3254	1186 2613	10960 23887	18656 39437	14729 31410
Number of villages irrigating.	No.	No.	No.	No.	No.
Kharîf	1,160	1,113	1,042	951	898
Rabi	1,133	1,087	1,053	975	870
Average water-rate per acre irrigated.	*R*	*R*	*R*	*R*	*R*
Kharîf	2·95	2·89	3·11	2·86	3·36
Rabi	2·21	2·20	2·18	2·12	2·14

35. It will be seen that the principal increase in the area irrigated was in the rabi, and was due to the want of rain in the Amritsar and Lahore Districts in October, November and January. Even in December, the fall in Lahore was only 0·8 inches. There was an improvement in every point of the working, except the duty of the water in the kharîf. This I attribute to a partial failure of the supply at the end of the season. The river shifted its course from the left to the right bank of the river, and there was some delay in turning the water into the canal in August and September. But for this there would have been a larger area irrigated in the kharîf. This is the great drawback to this canal; as often explained before, the slope of the bed at the site of the head works is so very great that the weir has very little effect on the direction of the stream above it: the only real effect of the weir is, that it maintains the level of the river bed and the canal head in the same relative positions, but for that it is extremely probable that the canal head would ere this have been left high and dry. I fear that we must remain liable to this uncertainty of obtaining the water when the river begins to fall in September. It has again happened in the current year 1881. We have tried bunds, sunken bars, spurs, everything we can think of, but nothing resists the force of this torrent in flood. It must be remembered that we have no large materials, and the boulders brought down in floods rapidly destroy any work consisting of small stones and mortar. But for this difficulty the kharîf returns of this canal could, I think, be largely increased.

36. The following table shows the cost of maintenance per mile of both canal and distributaries for five years. The reduction is due to the non-closure of the canal in the present year :—

	1880-81.		1879-80.		1878-79.		1877-78.		1876-77.	
	Miles.	Cost.	Miles.	Cost.	Miles.	Cost.	Miles.	Cost.	Miles.	Cost.
		R		*R*		*R*		*R*		*R*
Cana	388·5	56	388·5	90	199·5	161	199·5	652	199·5	227
Rájbahás . . .	862	414	862	46	706	37	706	6	706	49

37. The percentage of each class of crops is given below for the last five years. It will be seen that they do not vary much; but it must be remembered that over a large portion of the area the people have been employed in bringing new land under cultivation and substituting wet for dry crops. I believe the cultivation of the better crops will follow in time to the benefit both of the people and the canal revenue :—

Class.	1880-81.		1879-80.		1878-79.		1877-78.		1876-77.	
	Area.	Per cent.	Area.	Per cent.	Area.	Per cent.	Area.	Per cent.	Area.	Per cent.
Class I . . .	12,397	2·8	10,718	2·7	8,746	2·6	6, 39	2·3	7,499	3·7
„ II . . .	45,093	10·4	43,166	11·0	37,.14	11·4	24,705	9·3	27,806	13·7
„ III . . .	265,858	61·4	239,052	60·8	217,965	66·3	156,884	58·8	121,835	60·1
„ IV . . .	107,268	24·8	98,502	25·0	62,515	19·1	72,536	27·2	44.570	22·0
„ V . . .	2,464	0·6	1,879	0·5	2,118	0·6	6,531	2·4	1.002	0·5
Total .	433,080	100	393,317	100	327,558	100	266,995	100	202,712	100

38. The proportion of flow to lift irrigation for the last five years is shown in the following table. Here there is little variation,—the people are very slow to adopt lift irrigation :—

Crops.	1880-81.	1879-80.	1878-79.	1877-78.	1876-77.	Remarks.
Kharîf . . .	92·10	91·70	91·87	91·90	94·17	Flow.
Rabi . . .	86·04	85·90	84·91	85·78	84·82	Do.

39. The area of the principal crops grown is shown below for the last five years :—

Crops.	1880-81.	1879-80.	1878-79.	1877-78.	1876-77.
Rice	44,594	42,772	36,719	24,245	27,468
Cotton	23,314	25,913	23,036	10,545	19,676
Sugarcane	12,397	10,718	8,746	6,339	7,498
Wheat	219,838	197,865	171,956	136,279	96,186

40. The cost of measurements and preparation of demand statements was as follows :—

	Cost and area measured.				Demand statements.					
	Kharif.		Rabi.		Last batch submitted.		Kharif.		Rabi.	
	Area and amount.	Rate per 100 acres.	Area and amount.	Rate per 100 acres.	Kharif.	Rabi.	Cost.	Rate per 100 acres	Cost.	Rate per 100 acres.
		R		*R*	1880.	1881.	*R*	*R*	*R*	*R*
1st Division . .	567·16	1·61	623·28	1·19	25th Nov.	14th May	706·37	2 01	944·31	1·81
	35,189		52,164							
2nd „ . .	1,224	1·06	1,688	0·73	15th Dec.	8th June	2,141	1·85	3,344	1·45
	1,15,915		2,29,812							
Whole canal . .	1,791·16	1·19	2,311·28	0·82			2,850·37	1·89	4,288·31	1·52
	1,51,104		2,81,976							
Average for five years . .	1,417	1·22	1,928	0·92			2,080	1·79	3,207	1 53
	1,15,683		2,09,049							

41. The balance outstanding on the 1st April was R43,204, against R17,006 in the previous year. The greater portion of this R33,288, was in the Lahore District.

42. The value of the crops grown under irrigation is estimated at R1,79,66,427.

43. The following table shows a comparison between the rain fall of the two last years :—

Months.	Gurdaspur District.					Amritsar.	Lahore District.		
	Mádhopur.	Bhimpur.	Tibri.	Kallair.	Alfwál.		Búchar.	Meean Meer	Vahn.
April 1880 . . .	0·25	...	...	0·20	0·50	...	...	...	...
May „ . . .	0·64	0·65	0·47	0·15	0·60	...	0·30	1·50	1·20
June „ . . .	5·46	4·60	3·08	3·70	4·00	3·80	2·62	3·90	5·90
July „ . . .	22·35	28·70	23·43	11·12	11·70	12·80	8 46	9 50	3·50
August „ . . .	1·30	0·98	2·32	0 40	1 70	0·40	1·10	0·50	0·10
September „ . .	4·45	2·94	4·47	0·80	1·85	1·40	0·40	...	0·70
Total .	34·45	37·87	33·77	16·37	20 35	18·40	12·88	15·40	11·40
October 1880 . .	...	...	...	...	0·10	...	...	...	...
November „ . .	0·45	0·40	0·20	0·40	...	...	...	...	...
December „ . .	1·80	1·63	1·46	0·85	0·50	2·80	0·70	0·80	0·60
January 1881 . .	0·15	...	...	...	...	...	...	...	...
February „ . .	3·15	2·42	2 39	2·20	2·15	2·15	1·25	1·66	0·80
March „ . .	4·15	3·99	2·58	3·60	2·50	2·40	4·00	3·28	1·30
Total .	9·70	8·44	6·63	7 05	5·25	7·35	5·95	5·74	2·70
GRAND TOTAL . 1880-81	44·15	46·31	40·40	23·42	25·60	25·75	18·83	21·14	14·10
GRAND TOTAL . 1879-80	54·32	41·29	27·25	27·45	20 05	19·20	14·30	14·75	10·40
Difference . More	...	5·02	13·15	...	5·55	6·55	4·53	6·39	3·70
Difference . Less	10·17	...	...	4·03	...	...	...	...	...

44. The following statement shows the area of crops irrigated and estimated value of produce during the year 1880-81 :—

Statement of the Area of Crops irrigated, and estimated Value of Produce, during 1880-81.

Nature of Crops.	1st Division.		2nd Division.		Total.		Grand Total.	Produce per acre.	Estimated produce.	Rate per rupee in bazár.	Total value of produce.
	Flow.	Lift.	Flow.	Lift.	Flow.	Lift.					
	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Mds. S. C.	Mds.	Mds. S. C	*R*
Kharif—											
Class I—											
Sugarcane	5,147·73	80·47	6,617·28	550·92	11,765·01	631·39	12,396·40	25 0 0	309,910	0 10 0	12,39,640
Class II—											
Rice	13,800·14	37·42	30,256·74	326·61	44,056·88	364·03	44,420·91	29 0 0	888,400	0 20 0	17,76,800
Gardens	80·77	4·20	144·04	14·74	224·81	18·94	243·75	R66 per acre		...	16,104
Total	13,880·91	41·62	30,400·78	341·35	44,281·69	382·97	44,664·66	...	...	...	17,92,904
Class III—											
Fibres—Cotton	3,763·43	47·17	16,901·98	2,601·71	20,665·41	2,648·88	23,314·29	9 0 0	209,826	0 10 0	8,39,304
Hemp	114·72	0·18	165·32	151·40	280·04	151·58	431·62	5 0 0	2,160	0 9 0	9,600
Dyes, Drugs, &c.—Turmeric	6·53	...	...	...	6·53	...	6·53	12 0 0	84	0 8 0	420
Indigo	...	...	8·51	...	8·51	...	8·51	0 5 0	1	0 0 5	128
Tobacco	46·28	3·89	223·60	58·56	269·88	62·45	332·33	25 0 0	8,300	0 16 0	20,750
Oil-seeds—Til (Sesamum)	684·81	14·34	295·92	73·42	980·73	87·76	1,068·49	2 0 0	2,136	0 9 0	9,603
Toria	7·57	...	...	...	7·57	...	7·57	7 0 0	53	0 12 0	176
Miscellaneous—Vegetables	139·65	39 32	581·32	44 76	720·97	84·08	805·05	R36 per acre		...	28,980
Orchards	9·73	0·03	1,987·25	82·99	1,996·98	83·02	2,080·00	R66 per acre		...	1,37,280
Total	4,772·72	104·93	20,163·90	3,012·84	24,936·62	3,117·77	28,054·39	...	...	...	10,46,241
Class IV—											
Cereals—Jowar (great millet)	6,668·22	218·94	11,609·64	1,700·02	18,277·86	1,918·96	20,196·82	16 0 0	323,136	0 20 0	6,46,272
Kangni (Italian millet)	...	...	923·94	280·13	923·94	280·13	1,204·07	20 0 0	20,080	0 20 0	40,161
Maize (Indian-corn)	...	...	18,579·91	1,420·64	18,579·91	1,420·64	20,000·55	28 0 0	560,015	0 20 0	11,20,030
Fodder grasses	3,223·53	0·24	541·18	...	3,764·71	0 24	3,764·95	R1-8 per acre		...	5,648
Miscellaneous	346·86	6·47	14,558·02	4,134·52	14,904·88	4,140·99	19,045·87	R1-8 per acre		...	28,569
Total	10.238·61	225·65	46,212·69	7,535·31	56,451·30	7,760·96	64,212·26	...	...	...	18,40,679
Class V—											
Fallow lands	696·50	0·02	1,040·19	39·55	1,736·69	39·57	1.776·26	...	...	...	...
Total Kharif	34,736·47	452·69	194,434 84	11,479·97	139,171·31	11,932·66	151,103·97	...	...	...	59,19,464
Rabi—											
Class I—											
Sugarcane	0·61	...	...	...	0·61	...	0·61	25 0 0	15	0 10 0	60
Class II—											16,830
Gardens	86·36	0·09	149·78	18·83	236·14	18 92	255·06	R66 per acre		...	
Rice	4·12	...	167·66	1·58	171·78	1·58	173·36	20 0 0	347	0 20 0	694
Total	90·48	0·09	317·44	20·41	407·92	20·50	428·42	...	...	...	17,524
Class III—											
Cereals—Wheat	40,688 69	813·99	145,047·65	33,287·83	185,736·34	34,101·82	219,838·16	19 0 0	4,176,903	0 16 0	1,04,42,258
Barley	698·33	11·60	4,715·91	359·94	5,414·24	371·54	5,785·78	14 0 0	81,004	0 20 0	1,62,008
Mixed grain	1,404·07	8·11	3,821·31	908·07	5,225·38	916·18	6,141 56	14 0 0	...	0 20 0	1,71,976
Oil-seeds—Linseed	21 66	...	71·92	3·32	93·58	3·32	96·90	2 0 0	194	0 10 0	776
Sarson	222·36	6·62	775 14	197·02	997·50	203 64	1,201·14	9 0 0	10,809	0 12 0	36,030
Toria	...	...	33·33	1·58	33·33	1·58	34·91	8 0 0	280	0 12 0	933
Dyes, &c.—Poppies	64·36	3·63	476 77	9·98	541·13	13·61	554·74	4 0 0	2,220	0 7 0	12,685
Tobacco	142·65	...	191·10	109·97	333·75	109 97	443 72	25 0 0	11,100	0 16 0	27,750
Miscellaneous—Safflower	1·10	...	...	...	1·10	...	1·10	1 3 0	1	0 1 8	27
Vegetables	130·37	4 76	1,643·35	571·56	1,773·72	576 32	2,350·04	R36 per acre		...	84,600
Orchards	5·95	1·33	1,294·29	54·00	1,300·24	55·33	1,355·57	R66 per acre		...	78,496
Total	43,379·54	850·04	158,070·77	35,503·27	201,450·31	36,353·31	237,803·62	...	...	...	1,10,17,539
Carried over	43,470·63	850 13	158,388·21	35,523·68	201,858·84	36,373·81	238,232·65	...	...	...	1,10,35,123
	34,736·47	452·69	104,434 84	11,479·97	139,171·31	11,932·66	151,103·97	...	...	...	59,19,464

Statement of the Area of Crops irrigated, and estimated Value of Produce, during 1880-81—concluded.

Nature of Crops.	1st Division.		2nd Division.		Total.		Grand Total.	Produce per acre.	Estimated produce.	Rate per rupee in bazár.	Total value of produce.
	Flow.	Lift.	Flow.	Lift.	Flow.	Lift.					
	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Mds. S. C.	Mds.	Mds. S. C.	R
Rabi—*concluded.*											
Brought forward	34,736·47	452·69	104,434·84	11,479·97	139,171·31	11,932·66	151,103·97	...	...	...	59,19,464
	43,471·63	850·13	158,388·21	35,523·68	201,858·84	36,373·81	238,232·65	...	...	...	1,10,35,123
Class IV—											
Pulse—Gram	2,829·71	17·01	10,309·25	839·00	13,138·96	856·01	13,994·97	17 0 0	237,885	0 18 0	5,42,675
Masur	1·15	...	168·00	32·90	169·15	32·90	202·05	6 0 0	1,212	0 16 0	3,030
China	14·55	0·59	683·34	71·69	697·89	72·28	770·17	15 0 0	11,550	0 17 0	27,190
Fodder—Grass	...	...	464·93	2·74	464·93	2·74	467·67	R1·8 per acre	...	...	702
Sinji	4,661·61	54·88	20,680·21	1,894·00	24,741·82	1,948·88	26,690·70	R14 per acre	...	...	3,73,660
Miscellaneous	5·95	...	860·38	62·63	866·33	63·63	929·96	R1·8 per acre	...	...	64,583
Total	7,512·97	72·48	32,566·11	2,903·96	40,079·08	2,976·44	43,055·52	...	...	...	10,11,840
Class V—											
Fallow lands	254·79	2·62	421·26	8·88	676·05	11·50	687·55	...	...	...	...
Total Rabi	51,238·79	925·23	191,375·58	38,436·52	242,613·97	39,361·75	281,975·72	...	...	...	1,20,46,963
GRAND TOTAL	85,974·86	1,377·92	295,810·42	49,916·49	381,785·28	51,294·41	433,079·69	...	...	...	1,79,66,427

UPPER SUTLEJ DIVISION INUNDATION CANALS.

45. The Capital at the end of the year was ₹5,78,498, being less than that of the previous year by ₹743. This was caused by a reduction of the suspense balances.

46. The Revenue Account Current for the year is as follows:—

EXPENDITURE.			R	R
Extensions and Improvements			644	
Maintenance and Repairs			53,638	
Establishment, Direction	R.	322		
Ditto, Executive	„	21,235		
Ditto, Medical	„	670		
Ditto, Revenue	„	7,869		
Ditto, Fees on collection	„	598	30,694	
Tools and Plant			745	
Refunds of Revenue			7	
TOTAL			85,728	
BOOK CHARGES.				
Capitalization of abatement of Land Revenue			167	
Leave and pension allowances			4,531	
TOTAL			4,698	
Total working expenses			90,426	
Balance, profit, being 4·60 per cent. on Capital			26,612	
TOTAL			1,17,038	

RECEIPTS.	R	R
Water-rates	14,835	
Owners' „	4,973	19,808
Miscellaneous		3,368
TOTAL		23,176
Fluctuating Land Revenue for current year	91,476	
Arrears on account of land assigned to Jágírdárs	2,386	93,862
TOTAL		1,17,038

47. The interest charge amounts to ₹23,522, so that the profit of the year is 0·53 per cent. in excess of all charges including interest. The balance of interest unpaid at the end of the year was ₹6,57,503.

48. The working expenses amount to ₹85,728 exclusive of the book charges. This is ₹27,009 less than in the previous year. Of the decrease, ₹18,705 is due to reduction in establishment. Of this ₹16,899 was in the direction charges, and was due to the re-adjustment of the amounts for last year, in which an error had occurred owing to the omission by the Examiner of the charges for the labor on the lower Sutlej and Chenab and Mozaffargarh Canals when distributing the amount among the several canals. The reduction in works and repairs was ₹5,962, due to less clearances being required.

49. Including book charges the working expenses amounted to ₹90,426, against ₹1,19,286 in the previous year.

50. In the above statements the collections of the year have been considered. If the assessments be taken as the basis of calculation, there is a great improvement, as they amount to ₹1,80,643, which is an increase of ₹63,605. The profit would thus be 15·59 per cent. excluding and 11·53 per cent. including the interest charges.

51. A comparison between the assessments of the two last years is given in the following table:—

	1880-81. Area irrigated. Flow.	1880-81. Area irrigated. Lift.	1880-81. Area irrigated. Total.	Water-rate.	1879-80.	Difference. More.	Difference. Less.
DIRECT WATER-RATES, LAHORE DISTRICT.							
Class I	2,304	56	2,360	1,180			
„ II	1,752	670	2,422	1,208			
„ III	12,131	3,355	15,486	7,735			
„ IV	27,868	201	28,069	14,035			
„ V	160	...	150	75			
TOTAL	44,205	4,282	48,487	24,233	12,927	11,306	...
I. Fixed water-rate, Montgomery District				149	147	2	...
II. Owners' or water-advantage rates				6,272	8,292	...	2,020
				30,654	21,366	9,288	...
V. Receipts from plantations				...	...	...	...
VI. „ other canal produce				1,942	1,696	246	...
IX. „ rent of buildings				180	180	...	...
X. „ fines				162	73	89	...
XI. „ Miscellaneous receipts				1,084	1,567	...	483
TOTAL V TO XI				3,368	3,516	...	148
Fluctuating Land Revenue				1,46,621	1,10,456	36,165	...
GRAND TOTAL				1,80,643	1,35,338	45,305	...

52. It will be seen that there is an increase of ₹11,306 in the water-rates, and ₹36,165 in the fluctuating land revenue of the Montgomery District, due to the increased area irrigated. There is a reduction of ₹2,020 in the water-advantage rate, owing to the Executive Engineer having deducted the rates on well lands in both crops, whereas last year he only deducted it for the rabbi.

The changes in Miscellaneous Revenue are but small.

53. The area irrigated during the last five years is shown in the following table:—

Years.	Lahore.			Montgomery.			Grand Total.
	Kharif.	Rabbi.	Total.	Kharif.	Rabbi.	Total.	
1880-81	20,295	28,192	48,487	59,951	46,098	106,049	154,536
1879-80	10,621	15,233	25,854	46,368	27,255	73,623	99,477
1878-79	16,355	18,380	34,735	67,902	30,324	98 226	132,961
1877-78	6,380	10,738	17,118	38,244	25,823	64,067	81,185
1876-77	4,862	11,218	16,080	23,167	34,996	58,163	74,243

The irrigation of the present year is the largest on record, being 154,536 acres against 148,924 in 1869-70, the highest in any previous year. This increase was due to the early rise of the river; but I regret to say that the dry weather in the month of August caused such a fall in the river that the crops on 51,736 acres failed, and the real area irrigated is only 102,800, but even this is in excess of that of last year by 3,323 acres.

54. The statement below compares the areas of some of the principal crops grown in the last five years:—

Crops.	1880-81.	1879-80.	1878-79.	1877-78.	1876-77.
Rice	20,701	18,220	17,471	7,380	3,933
Cotton	8,441	5,716	34,835	15,906	6,076
Sugarcane	109	96	155	129	55
Jowár	5,868	5,908	1,955	4,925	4,079
Wheat	47,519	19,952	25,714	18,934	25,617

It will be seen there is a large increase in wheat. The river rose in September, and thus allowed of a large area of rabbi crops being sown.

55. The incidence on the area of the fluctuating land revenue in the Montgomery District during the last five years has been as follows:—

		1880-81.	1879-80.	1878-79.	1877-78.	1876-77.
Kharif	₹	1,06,957	87,603	1,26,767	65,096	37,154
	=	1·8	1·8	1·9	1·7	1·6
	Acres	59,951	46,366	67,902	38,244	23,167
Rabbi	₹	39,664	23,540	24,792	20,798	29,323
	=	0·9	0·8	0·8	0·8	0·8
	Acres	46,098	27,255	30,324	25,823	34,996
Whole year	₹	1,46,621	1,10,603	1,51,559	85,894	66,477
	=	1·4	1·5	1·5	1·3	1·2
	Acres	106,049	73,623	98,226	64,067	58,163

56. A revision of the rates charged was brought into effect from the kharif of 1880-81. The follwing table shows the two schedules:—

Class.	Nature of Crops.	Old rate. ₹ a. p.	New rate. ₹ a. p.
I	Rice	3 0 0	3 0 0
	Gardens	3 0 0	
	Chillies	3 0 0	
II	Cotton	2 0 0	2 0 0
	Melons	2 0 0	
	Sugarcane	1 12 0	
	Hemp	1 12 0	
	Til	1 12 0	
III	Jowár	1 8 0	1 2 0
	Bájra	1 8 0	
	Indian-corn (makai)	1 8 0	
	Kangni	1 6 0	
	China	1 6 0	
	Mash	1 6 0	
	Mung	1 6 0	
	Moth	1 4 0	
	Turmeric	1 4 0	
	Indigo	1 4 0	
	Gram	1 4 0	
	Masúr	1 4 0	
	Chari	1 0 0	
	All kharif crops not mentioned	1 0 0	

Class.	Nature of Crops.	Old rate. ₹ a. p.	New rate. ₹ a. p.
IV	Poppy	0 12 0	0 14 0
	Tobacco	0 12 0	
	Dhonia	0 12 0	
	Wheat	0 12 0	
	Barley	0 12 0	
	Saron	0 12 0	
	Táramira	0 12 0	
	Wheat and gram	0 12 0	
	Gram and barley	0 12 0	
	Vegetables	0 12 0	
	Methra	1 0 0	
	Forests	1 0 0	
	All rabbi crops not mentioned	0 12 0	
V	Fallow lands	1 2 0	0 10 0
	Lands ploughed but not sown	1 2 0	
	Grasses	0 12 0	
	Rates for irrigation by lift, half of the above.		

57. The following table shows the area of each class of crop grown in the last two years:—

	1880-81.	1879-80.
Class I	20,795	18,269
„ II	13,406	8,336
„ III	45,434	39,564
„ IV	73,256	31,646
„ V	1,645	1,662
	154,536	99,477

It will thus be seen that the increase of rate on some of the crops in classes II and IV has had no tendency to prevent the people growing them.

58. The following table gives some details of the working of these canals, but they are not very reliable, as there are such constant variations in the supply and in the state of the heads, especially in such a year as the one under report, that no correct data can be obtained:—

		1880-81.	1879-80.	1878-79.
Duty per cubic foot of supply	Kharif	62·7	81·4	[illegible]
	Rabi	126·4	102·6	110·3
	Year	188·7	66·2	90·4
Income per cubic foot of supply	Kharif	91·5	50·9	79·3
	Rabi	119·9	119·3	81·5
	Year	153·5	85·9	114·8
Cost of maintenance	Per cubic foot of supply	75·3	76·1	64·1
	„ acre irrigated	0·54	1·09	0·71
	„ mile of canal	225·3	233·5	192·5
	„ „ of rajbaha	30·4	73·88	70·79

59. The cost of measuring and preparing the demand statements:—

Districts.	Measurement. Kharif. Area.	Cost.	Per cent.	Rabi. Area.	Cost.	Per cent.	Demand Statements. Kharif. Area.	Cost.	Per cent.	Rabi. Area.	Cost	Per cent.
Lahore & Montgomery	80,246	₹ 670·47	0·83	74,290	₹ 603·70	0·81	80·246	₹ 341·67	0·42	74,290	₹ 413·85	0·5[illegible]

60. The dates on which measurements were commenced, completed, and announced, are given below:—

	Lahore. Kharif.	Rabi.	Montgomery. Kharif.	Rabi.
Commenced	1st Sept. 1880	11th Dec. 1880	1st Sept. 1880	6th Dec. 188[illegible]
Completed	12th Nov. „	15th Feb. 1881	6th Nov. „	19th Feb. 188[illegible]
Announcement completed	24th Dec. 1881	29th Mar. „	9th to 15th Dec „	21st to 27th Mar. „

61. The following statement gives the areas in acres of the different crops which failed from the falling off of the supply in August:—

	Lahore.		Montgomery.		Total.	
	Area.	Amount.	Area.	Amount.	Area.	Amount.
	Acres.	₹	Acres.	₹	Acres.	₹
Rice	6	3	7,851	23,549	7,857	23,552
Cotton	242	121	2,352	4,541	2,594	4,662
Sugarcane	...	...	7	14	7	14
Jowár	358	179	610	644	968	823
Wheat	9,284	4,642	12,865	11,184	22,149	15,826
Others	5,080	2,540	13,081	14,397	18,161	16,937
Total	14,970	7,485	36,766	54,329	51,736	61,814

62. The dates on which demand statements were submitted to the Deputy Commissioners are given below:—

Canal Division.	British District.		Kharif.	Rabi.
	Zilah.	Tahsil.		
Upper Sutlej Division, Inundation Canals	Lahore	Kasúr, Chunián	24th Dec. 1880	29th March 1881
	Montgomery	Dipálpur, Pákpattan	18th Dec. 1880.	5th April 1881

63. The measurements in the Lahore District were commenced about the same time as last year, but completed about 15 days later, and that for the Montgomery District was begun about the same time, and the announcement of the kharif demand was about a month, and for the rabi about four days later than last year.

64. The value of the crops grown under irrigation is estimated at ₹ 27,54,897.

65. The following statement shows the rain-fall at some of the principal stations:—

Months.		Lahore District.	Montgomery District.	
		At Mámoke.	At Dipálpur.	At Pákpattan.
		Inches.	Inches.	Inches.
April	1880	...	...	...
May	„	1·25	...	...
June	„	3·93	2·10	2·40
July	„	2·96	0·20	1·90
August	„	...	...	0·60
September	„	0·10	...	...
Total		8·24	2·30	4·90
October	„	...	...	...
November	„	...	...	...
December	„	1·15	0·30	0·20
January	1881	0·03	...	...
February	„	1·10	0·90	0·90
March	„	1·70	1·90	1·20
Total		3·98	3·10	2·30
Grand Total	1880-81	12·22	5·40	7·20
	1879-80	14·90	0·80	5·40
Difference		−2·68	+4·60	+1·80

66. The following are the areas irrigated and estimated value of produce:—

Class.	Crops.	Area in acres.			Produce per acre.	Estimated produce.	Rate in bazar per rupee.	Estimated value of produce.
		Flow.	Lift.	Total.				
	Kharif.	Acres.	Acres.	Acres.	Mds. S. C.	Mds.	Mds. S. C.	₹
I	Rice	20,645	56	20,701	23 0 0	476,123	20 0 0	9,52,246
	Gardens	31	6	37	₹ 36 per acre		...	1,332
	Chillies	26	31	57	58 3 0	174	7 0 0	994
	Total I	20,702	93	20,795	...	...	...	9,54,572
II	Cotton	6,963	1,478	8,441	3 0 0	25,323	0 10 0	1,01,292
	Melons	18	4	22	₹ 36 per acre		...	792
	Sugar-cane	96	13	109	17 0 0	1,853	0 25 0	2,965
	Til	4,162	579	4,741	2 0 0	9,482	0 10 0	37,928
	Hemp	81	12	93	3 0 0	279	0 8 0	1,395
	Total II	11,320	2,086	13,406	...	...	...	1,44,372
III	Makai	4,477	1,385	5,862	4 0 0	23,448	0 20 0	46,896
	Jowár	4,034	1,834	5,868	4 0 0	23,472	0 23 0	40,821
	Bájra	383	84	467	4 0 0	1,868	0 26 0	2,874
	Kungni	5,800	1,523	7,323	3 0 0	21,969	0 27 0	32,547
	China	77	26	103	3 0 0	309	0 27 0	458
	Mung	251	9	260	3 0 0	780	0 18 0	1,733
	Másh	1,208	43	1,251	3 0 0	3,753	0 20 0	7,506
	Moth	2,046	159	2,205	3 0 0	6,615	0 23 0	11,504
	Charri	19,409	2,592	22,001	₹ 19-4 per acre		...	4,23,519
	Sowánk	50	8	58	...	174	0 32 0	217
	Mehdi	5	31	36	Not given by Deputy Commissioner.			
	Total III	37,740	7,694	45,4 4	...	...		5,68,075
IV	Vegetables	45	25	70	₹ 10 per acre		...	700
	Tobacco	23	11	34	3 0 0	102	0 7 0	588
	Plantations	26	...	26	...	...	...	...
	Total IV	94	36	130	...	...	...	1,288
V	Fallow land	9	...	9	...	...	...	...
	Grass and wáhan	470	2	472	₹ 3 per acre		...	1,416
	Total V	479	2	481	...	...	...	1.416
	Total Kharif	70,335	9,911	80,246	...	...	...	16,69,718
	Rabi.							
IV	Wheat	47,056	463	47,519	7 0 0	332,633	0 20 0	6,65,266
	Barley	2,736	35	2,771	9 0 0	24,939	0 27 0	36,947
	Gram	6,359	24	6,383	10 0 0	63,830	0 20 0	1,27,660
	Mixed grains	11,647	6	11,653	10 0 0	116,530	0 23 0	2,02,661
	Sarshaf	3,773	453	4,226	4 0 0	16,904	0 16 0	42,260
	Methra	49	...	49	3 0 0	147	0 24 0	245
	Chorál	215	1	216	4 0 0	864	0 32 0	1,080
	Zira	198	...	198	2 0 0	396	0 4 0	3,960
	Poppy	51	...	51	3 0 0	153	0 5 0	1,224
	Miscellaneous	51	9	60	4 0 0	240	0 25 0	384
	Total IV	72,135	991	73,126	...	...	...	10,81,687
V	Grass and wáhan	1,161	3	1,164	₹ 3 per acre		...	3,492
	Total Rabi	73,296	994	74,290	...	...	...	10,85,179
	GRAND TOTAL	143,631	10,905	154,536	...	...	...	27,54,897

LOWER SUTLEJ AND CHENAB INUNDATION CANALS.

67. The amount of the Capital Account at the end of the year was ₹1,10,249, being ₹2,516 less than at the end of the previous year. This was due to a reduction of the suspense balances.

68. The Revenue Account is as follows:—

EXPENDITURE.			RECEIPTS.		
		₹			₹
Extensions and improvements		312	Water-rates		80
Maintenance and repairs		86,222	Miscellaneous		6,383
Establishment—			Contribution from Zar-i-nágha		74,972
	₹.		Value of statute labor		2,98,927
Direction	47,040				
Executive	38,940		TOTAL	3,80,362	
Medical	955				
Revenue	3,311			₹.	
Fees on collection	1,555		Land revenue for current year	3,09,687	
		91,801	Arrears on account of land assigned to Jágirdárs	2,55,020	
Tools and Plant		748			5,64,707
Statute labor		2,98,927			
TOTAL		4,78,010			
BOOK CHARGES.					
Leave and pension allowances		8,717			
Total working expenses		4,86,727			
Balance profit or ₹ 415·73 per cent. on Capital invested.		4,58,342			
GRAND TOTAL		9,45,069	GRAND TOTAL		9,45,069

69. From the above it would appear that the balance of profit was ₹4,58,342, or ₹415·73 per cent. on the Capital invested, or after deducting the interest charge ₹4,903, or 411·28 per cent. But this includes the adjustment of accounts for assigned lands, the arrears of which amount to ₹2,55,020. Deducting this amount, the profit after paying the interest charge is 179·97 per cent., and the total sum at credit of the canals after paying all charges is ₹40,56,834.

70. With regard to the Zar-i-nagha expenditure, extensions and improvements, ₹312 was for making maps of the canals; maintenance and repairs cost ₹74,660, or ₹29,389 in excess of that of the previous year; this was due to the necessity for excavating new heads to the Muhammadwah, Bakhtúwah and Bihishtíwah, a branch of the Sardárwah.

71. The amount of imperial repairs was ₹11,562, or ₹202 more than in the previous year. This is principally the cost of maintenance of the Chenab bunds.

72. In the Establishment charges there is an increase on the previous year of ₹43,396 under Direction. This is due to the Examiner in the last year having omitted to take into account the value of the Chher labor supplied by the irrigating community when distributing these charges. There is a decrease of ₹4,535 on Executive, due principally to the officers being in lower grades of the Department.

73. In the miscellaneous revenue there is a decrease of ₹1,010, due to a less sale of timber and produce from the canal banks, the detail is shown in a table attached.

74. There is an increase in the land revenue credit. Omitting the arrears of assigned land revenue, the amount is ₹3,09,687, against ₹2,55,777 last year, or ₹53,910 in excess. This is due to the remissions for failure of supply being less, and to some arrears being collected. The amount of remission for the year was ₹8,992.

75. The value of the statute labor shown in the account consists of ₹1,94,231, the value under the new settlement, and ₹1,04,696 arrears of the previous year.

76. The following table shows a comparison of the items of miscellaneous revenue for the last five years:—

ITEMS.	1880-81.	1879-80.	1878-79.	1877-78.	1876-77.
	₹	₹	₹	₹	₹
V.—Receipts from plantations	55	136	35	13	52
VI.— Ditto other canal produce	4,871	6,874	5,049	5,894	7,572
IX.—Rent from buildings	174	...	...	45	15
X.—Fines	432	16	105	344	182
XI.—Miscellaneous	851	367	847	272	52
TOTAL	6,383	7,393	6,036	6,568	7,843

77. The Zar-i-nagha account is as follows:—

The balance on 1st April 1880, as per revenue report, was		2,92,778
Deduct remissions and fees to Lambardárs and Patwáris	17,400	
		2,75,378
Deduct expenditure—		
1 A.—Extensions and improvements	312	
1 B.—Maintenance and repairs	74,660	
II.—Fees to Lambardárs and Patwáris	1,179	
		76,151
BALANCE		1,99,227
ADD REALIZED DURING THE YEAR		40,431
TOTAL ON 1ST APRIL 1881		2,39,658

It will be seen that assistance was given to the cultivators to the extent of ₹26,186 in excess of the fines levied.

78. The following gives a detailed comparison of the attendance of laborers in the last two years:—

	1880-81.			1879-80.			DIFFERENCE.	
	Sutlej.	Chenab.	TOTAL.	Sutlej.	Chenab.	TOTAL.	More.	Less.
Called out	392,680	181,979	574,659	349,592	193,227	542,819	31,840	...
Present	307,673	142,412	450,085	283,881	149,161	433,042	17,043	...
To Panchayats	16,797	10,828	27,625	16,581	11,469	28,050	...	425
TOTAL	324,470	153,240	477,710	300,462	160,630	461,092	16,618	...
Actually absent	68,210	28,739	96,949	49,130	32,597	81,727	15,222	...

79. The percentage of absentees was 16·9, against 15·1 in the previous year. The following table shows a comparison of the percentages for the last five years. If the percentage of absentees continues to increase, it will probably be necessary to raise the amount of fine for non-attendance.

YEARS.	Present.	Remitted.	Absent.	Fines, in rupees.	REMARKS.
	Per cent.	Per cent.	Per cent.		
1880-81	78·3	4·8	16·9	48,474	
1879-80	79·77	5·17	15·06	40,864	
1878-79	78·72	4·74	16·54	48,305	
1877-78	78·94	5·87	15·19	36,127	
1876-77	78·53	6·04	15·43	35,755	

80. The value of the labor supplied was—

	₹
Sutlej Canals	1,15,877
Chenab Canals	53,405
	1,68,782
Zar-i-nágha or fines on absentees	48,474
Share of land revenue	3,09,687
Water-rates	80
Actual cost to cultivators	5,27,023

or for 299,284 acres nearly 1·76 per acre.

The cost last year was 1·71 or a little less. No comparison can be made with previous years, as the new land assessment only came into force in 1879-80.

81 The areas of the principal crops irrigated are given below for the last five years. There is an increase in all except the turnips.

	AREAS IN ACRES IRRIGATED IN				
	1880-81.	1879-80.	1878-79.	1877-78.	1876-77.
Indigo	34,612	6,891	41,474	69,322	54,862
Cotton	32,496	25,290	37,806	28,280	24,178
Rice	16,691	10,169	12,605	9,197	8,100
Sugarcane	3,098	2,924	3,295	3,473	3,176
Millet	49,960	38,017	45,295	39,307	40,316
Wheat	98,678	80,998	89,188	51,686	60,422
Turnips	22,187	24,835	20,419	23,894	20,046

82. The areas irrigated and the proportion of flow to lift irrigation is shown in the following table for the last five years:—

	1880-81.		1879-80.		1878-79.		1877-78.		1876-77.	
	Area in acres.	Per cent.	Area in acres.	Per cent.	Area in acres.	Per cent.	Area in acres.	Per cent.	Area in acres.	Per cent.
Flow	235,212	78·6	221,747	82·7	270,785	81·7	226,599	79·6	236,693	82·9
Lift	64,072	21·4	46,293	17·3	60,845	18·3	58,081	20·4	48,952	17·1
TOTAL	299,284	...	268,040	...	331,639	...	284,680	...	285,645	...

The total irrigation is 31,244 acres in excess of last year, and slightly in excess of all the last four years, except 1878-79. Considering the state of the rivers which were extremely low in August and September, this is very satisfactory.

83. The measurements were this year made by the Civil Establishment of Patwáris, ₹1,555 being given them as fees, and the total cost including the check measurements was ₹2,413 against ₹2,900 in the previous year.

84. The following statement shows rain-fall at principal stations in the Mooltan District:—

NAME OF MONTH.	Mooltan.	Shujabad.	Mailsi.	Lodhrán.	Sarai Sidhu.	REMARKS.
	Inches.	Inches.	Inches.	Inches.	Inches.	
April 1880	...	...	...	...	...	
May „	...	...	...	...	...	
June „	1·3	0·5	1·7	0·8	0·4	
July „	1·7	0·7	2·6	0·7	0·8	
August „	0·3	...	...	0·4	...	
September „	0·6	0·4	0·8	...	...	
TOTAL	3·9	1·6	4·6	1·9	0·7	
October 1880	...	...	...	...	...	
November „	...	...	...	...	...	
December „	0·5	0·3	0·1	...	0·3	
January 1881	...	...	...	...	...	
February „	0·2	0·4	1·1	0·8	1·2	
March „	1·0	0·2	0·7	0·3	1·2	
TOTAL	1·7	0·9	1·9	1·1	2·7	
GRAND TOTAL 1880-81	5·6	2·5	6·5	3·0	3·4	
GRAND TOTAL 1879-80	3·7	1·6	2·9	1·9	5·5	
Difference	+1·9	+0·9	+3·6	+1·1	−2·1	

85. The following statement shows the area irrigated, and the value of the crops grown was ₹93,01,240:—

	AREA IRRIGATED.			Produce per acre.	Estimated produce.	Bazar rate per rupee.	Total value of produce.
	Flow.	Lift.	TOTAL.				
KHARIF—	Acres.	Acres.	Acres.	Mds. S. C.	Mds. S. C	Mds. S. C.	₹
CLASS I—							
Sugar-cane	...	...	3,098	137 0 0	...	...	4,24,426
CLASS II—							
Rice	...	...	16,691	11 20 0	191,946 0 0	0 7 10	10,06,932
Gardens	...	...	596	₹20 0 0	...	...	11,920
TOTAL CLASS II	...	...	17,287	...	...	...	10,18,852
CLASS III—							
Fibres—Cotton	...	...	32,496	5 0 0	162,480 0 0	0 2 10	24,75,886
Hemp	...	...	1	6 0 0	6 0 0	0 14 0	17
Dyes, Drugs & Spices—Indigo	...	...	34,612	0 12 0	10,383 24 0	0 0 6½	10,63,281
Chillies	...	...	61	₹20 0 0	...	...	1,220
Mehndi	...	...	76	10 0 0	760 0 0	0 20 0	1,520
Oil-seed—Til	...	...	6,453	4 0 0	25,812 0 0	0 12 0	86,040
Miscellaneous—Vegetables	...	...	249	₹20 0 0	...	...	4,980
TOTAL CLASS III	...	...	73,948	...	...	...	36,32,944

	AREA IRRIGATED.			Produce per acre.	Estimated produce.	Bazar rate per rupee.	Total value of produce.
	Flow.	Lift.	Total.				
KHARIF—	Acres.	Acres.	Acres.	Mds. S. C.	Mds. C.	Mds. S. C.	₹
CLASS IV—							
Cereals—Jowár (Great Millet)	...	...	49,960	6 20 0	324,740 0 0	0 16 13	7,72,615
Bájra (Spiked Millet)	...	...	13,338	7 0 0	93,366 0 0	0 15 8	2,40,944
Swánk	...	...	1,119	5 20 0	6,154 20 0	0 20 0	12,309
Kangni	...	...	562	6 0 0	3,372 0 0	0 26 0	5,188
Maize (Indian corn)	...	...	225	₹23 0 0	...	...	5,175
Pulses—China	...	...	1,262	9 0 0	11,358 0 0	0 16 0	28,395
Másh	...	...	105	4 0 0	420 0 0	0 11 0	1,527
Moth	...	...	352	5 0 0	1,760 0 0	0 16 0	4,400
Mung	...	...	320	3 20 0	1,120 0 0	0 14 9	3,076
Miscellaneous crops	...	...	334	Nearly ₹8-10 per acre.		...	2,873
TOTAL CLASS IV	...	...	67,577	...	...	...	10,76,502
RABI—							
CLASS II—							
Gardens	...	...	62	₹20 0 0	...	...	1,240
CLASS III—							
Cereals—Wheat	...	...	98,678	8 0 0	789,424 0 0	0 13 0	24,28,997
Barley	...	...	2,976	8 0 0	23,808 0 0	0 22 0	43,287
Drugs, &c.—Tobacco	...	...	526	9 20 0	4,997 0 0	0 6 0	33,313
Chillies	...	...	2	₹20 0 0	...	...	40
Oil-seeds—Sarson	...	...	17	4 20 0	76 20 0	0 13 0	235
Til	...	...	5	4 0 0	20 0 0	0 12 0	67
Pulses—China	...	...	664	9 0 0	5,976 0 0	0 16 0	14,940
Miscellaneous—Turnips	...	...	22,187	₹20 0 0	...	...	4,43,740
Ossri	...	...	2,985	5 0 0	14,925 0 0	0 28 0	21,321
Methra	...	...	1,351	5 0 0	6,755 0 0	0 32 0	8,444
Vegetables	...	...	456	₹20 0 0	...	...	9,120
Carrots	...	...	55	₹20 0 0	...	...	1,100
TOTAL CLASS III	...	...	129,902	...	...	...	30,04,604
CLASS IV—							
Pulses—Gram	...	...	3,869	12 0 0	46,428 0 0	0 18 0	1,03,173
Peas	...	...	2,744	6 0 0	16,464 0 0	0 23 0	28,632
Masur	...	...	268	5 0 0	1,340 0 0	0 20 0	3,350
Drugs, &c.—Dhaniah	...	...	31	4 0 0	124 0 0	0 11 0	220
Miscellaneous crops	...	...	488	₹18-8 per acre.			8,800
TOTAL CLASS IV	...	...	7,410	...	...	...	1,44,175
TOTAL RABI	...	...	137,374	...	...	...	31,48,516
GRAND TOTAL	...	...	299,284	...	...	...	93,01,240

INDUS INUNDATION CANALS.

86. The Capital Account at the end of the year amounted to ₹7,11,346, being ₹443 less than at the end of the previous year, owing to reduction in the suspense balances.

87. The Revenue Account is as follows:—

EXPENDITURE.

			₹
Extensions and Improvements			5,047
Maintenance and Repairs			95,000
		₹	
Establishment, Direction		—8,821	
Ditto,	Executive	43,619	
Ditto,	Medical	881	
Ditto,	Revenue	11,717	
Ditto,	Fees on collection	2,523	
Ditto,	Plantations	466	
			50,385
Tools and Plant			508
	TOTAL		1,50,940

BOOK CHARGES.

Capitalization of abatement of land revenue	2,764	
Leave and pension allowances	11,328	
		14,092
Total working expenses		1,65,032
Balance, Revenue, being 7·81 per cent. on Capital invested		55,571
GRAND TOTAL		2,20,603

RECEIPTS.

	₹
Clearance rate collected	55,743
Miscellaneous	6,907
TOTAL	62,650
Land Revenue	1,57,953
GRAND TOTAL	2,20,603

88. The interest charge for the year is R31,128, so that the net balance of profit after meeting all charges is 3·44 per cent., and the unpaid balance of interest at the end of the year, R4,21,594.

89. The amount of credits on account of land revenue assigned to the jágírdárs for the year, R16,779, has been included in the accounts; but the arrears, R98,525, were not ascertained definitely until too late. They will be credited next year.

90. The extensions and improvements of the year consisted principally in the purchase of the Dhori Canal for R5,000. I am not sure whether this should not have been charged to Capital, but generally all improvements costing R5,000 or less are charged against Revenue.

91. The expenditure on repairs was R76,988 less than in the previous year, owing to less damage being done by the floods. Of this sum R4,779 was the cost of repairs to embankments.

92. The cost of establishment was less than that of the previous year by R 66,687, but this is due to the adjustment of the charge for direction, which was last year excessive, because of the omission by the Examiner of the charge on the chher labour when allotting the charges for direction. Still there was a reduction in the charge for Executive establishment amounting to R8,805.

93. The clearance rates were raised during the year from R45,000 to R54,000, as the former sum was insufficient. The expenditure of the year was—

	R
Half cost of excavation	35,995
Ditto of establishment on surveys	1,328
Ditto of repairs to bunds	843
Whole of establishment on distribution	1,936
Half cost of measurement establishment	772
	40,874

Profit R13,126. This reduces the loss of Government up to date to R37,792, but there is still a balance uncollected amounting to R54,665.

94. There is an increase of the miscellaneous revenue of R1,467 over the previous year, but the real increase is only R1,220, as R3,247 is on account of the share of produce on the Massúwah Canal which was last year included in the clearance rates. There is an increase under fines of R600, due to the many breaches of regulation which always occur in a year of low supply in the canals.

95. The share of land revenue is R1,57,953. Of this R16,779 is the amount of credit on account of jágír lands, so that the true land revenue is only R1,41,174, which is R1,915 in excess of that of the previous year.

96. The area irrigated in the last five years has been as follows :—

1880-81.	1879-80.	1878-79.	1877-78.	1876-77.
164,385	144,337	208,888	171,604	166,574

Comparison between the irrigated area of the year and that in previous year is given below :—

Crops.	1880-81.	1881-82.	Total.
Kharíf	121,075	96,611	+24,464
Rabi	43,310	47,726	−4,416
Total	164,385	144,337	20,048

97. The increase to the area irrigated during the kharíf is due to the early rise of the river, much of this was endangered by the low level in July and subsequent months when the river was 2·70, 3·87 and 1·79 feet, respectively, below the average; but a rise between the 6th and 16th of September averted the loss of any of the crops.

98. The rain-fall was more than in the previous year. A comparison for the last five years is shown below for three of the principal stations :—

	1880-81. Inches.	1879-80. Inches.	1878-79. Inches.	1877-78. Inches.	1876-77. Inches.
Sanghar	4·2	4·0	12·8	7·0	7·3
Dera Ghází Khan	5·50	2·95	9·37	6·1	3·2
Rájanpur	1·70	0·5	4·8	2·3	1·3

99. The area of the principal crops grown is shown below for the last four years :—

Crops.	1880-81.	1879-80.	1878-79.	1877-78.
Jowár and Bájra (Millets)	44,738	33,460	33,117	24,203
Wheat	41,451	45,876	62,402	37,479
Cotton	30,103	24,250	22,643	35,158
Indigo	10,815	5,598	6,697	28,711
Rice	12,976	11,197	10,143	11,245

It will be seen there was a large increase over the previous year in the millets, cotton and indigo, but a falling-off in the wheat, a rabi crop.

100. The following table shows the area watered by each canal during the last three years :—

No.	Name of Canal.	1880-81.	1879-80.	1878-79.
1	Massúwah	2,842	2,305	2,588
2	Mánka	77,710	19,880	29,824
3	Kot Dánd	3,936	3,728	3,165
4	Shoria	33,138	29,667	27,487
5	Kastúri	17,633	15,610	15,250
6	Dhingána	20,407	19,120	19,025
7	Chibri	4,210	5,640	7,290
8	Sághiba	10,927	8,812	11,571
9	Gámúwála	3,664	2,721	2,892
10	Sohan	7,824	7,156	7,534
11	Núr	7,186	4,623	10,243
12	Dhundi	13,134	14,806	20,432
13	Kutab	7,046	5,692	5,916
14	Kádra	4,728	4,567	3,307
	Total	164,385	144,337	166,524

101. The percentage of flow to lift irrigation for the last three years is given below, from which it will be seen that it does not alter much, though from the low supply in the canals a larger increase in the percentage of lift might have been anticipated.

	Kharif.			Percentage.		Rabi.			Percentage.	
	Flow.	Lift.	Total.	Flow.	Lift.	Flow.	Lift.	Total.	Flow.	Lift.
1880-81	108,834	12,241	121,075	89·9	10·1	39,702	3,608	43,310	91·6	8·4
1879-80	87,718	8,893	96,611	90·8	9·2	45,786	1,940	47,726	95·9	4·1
1878-79	125,635	11,810	137,445	91·4	8·6	69,056	2,387	71,443	9·67	3·3

102. The measurements were conducted by District Pátwarís, and the rates per 100 acres, for the last seven years were—

Years.	Per cent.
1880-81	2·48
1879-80	2·62
1878-79	2·23
1877-78	2·18
1876-77	2·49
1875-76	2·54
1874-75	2·34

The measurements were commenced on the 1st September, and completed by the 30th December or 120 days, against 116 of last year; the work was delayed by the census operations.

103. The cost of preparing the Revenue papers during the year was 0·19 per 100 acres the same as last year.

104. The following statement shows the rain-fall at the principal stations in the Dera Gházi Khan District :—

Months.	Sanghar.	Dera Gházi Khan.	Jámpur.	Rájanpur.
	Inches.	Inches.	Inches.	Inches.
April 1880	...	...	...	...
May "	0·6	...	...	...
June "	0·5	2·7	...	0·3
July "	0·3	0·35	1·5	...
August "	0·2	1·00	...	...
September "	0·6	...	0·1	...
Total	2·2	4·05	1·6	0·3
October 1880	...	...	...	...
November "	...	...	...	...
December "	0·8	0·3	1·0	0·2
January 1881	...	...	...	...
February "	0·5	0·3	...	0·8
March "	0·7	0·85	0·7	0·4
Total	2·0	1·45	1·7	1·4
Grand Total 1880-81	4·2	5·50	3·3	1·7
Grand Total 1879-80	4·0	2·95	0·5	0·5
Difference—More	0·2	2·55	2·8	1·2

105. The following are the areas irrigated, and estimated value of the produce was R76,44,001 :—

Names of Crops.	Area Irrigated. Flow.	Area Irrigated. Lift.	Total.	Produce per acre.	Total produce.	Average rate per rupee.	Total value of produce.	Remarks.
KHARIF—	Acres.	Acres.	Acres.	Mds. S. C.	Mds. S. C.	Mds. S. C.	R.	
Class I—								
Sugar-cane	52·24	5·62	57·86	80 0 0	4,628 32 0	1 10 0	3,703	
Class II—								
Gardens	400·41	16·80	417·21	30 0 0	12,516 12 0	0 6 0	83,442	
Cereals—Rice	12,857·34	118·17	12,975·51	12 0 0	155,706 4 12¾	0 5 0	12,45,649	
Total	13,257·75	134·97	13,392·72	...	...	...	13,29,091	
Class III—								
Fibres—Cotton	27,165·86	2,936·83	30,102·69	2 0 0	60,205 15 3⅛	0 2 4	10,70,318	
Dyes, Drugs and Spices—Indigo	10,683·16	132·15	10,815 31	0 20 0	5,407 26 3¾	0 0 8	4,32,613	
Mehndi	13 32	0·71	14 03	1 0 0	14 1 3¼	0 5 0	112	
Chillies	51·75	19·25	74·00	4 0 0	296 0 0	0 2 0	5,920	
Oil-seeds Til	436·73	74·27	511·00	5 0 0	2,555 0 0	0 6 0	17,033	
Miscellaneous—Vegetables	315·03	35·88	350·91	30 0 0	10,527 12 0	2 8 0	4,785	
Total	38,668·85	3,199·09	41,867·94	...	...	...	15,30,781	
Class IV—								
Cereals—Jowár	26,877·07	5,823·14	32,700·21	10 0 0	327,002 4 0	0 9 0	14,53,342	
Bájra	10,432·35	1,605·84	12,038·19	10 0 0	120,381 36 0	0 10 4	4,69,783	
Swánk	775·85	50·44	826·29	10 0 0	8,262 36 0	0 14 4	23,194	
Chína, &c.	63·87	121·25	185·12	5 0 0	925 24 0	0 20 0	1,851	
Pulses—Moth	237·11	1·33	238·44	6 0 0	1,430 25 9½	0 11 0	5,202	
Múng	247·12	0·40	247·52	6 0 0	1,485 4 13	0 8 4	720	
Grass	7,087·11	691·67	7,778·78	100 0 0	777,878 0 0	2 0 0	3,88,939	
Total	45,720·48	8,294·07	54,014·55	.....	.....	.....	23,43,033	
Class V—								
Fallow lands	11,134·84	607·52	11,742·36	.....	.....	.....	...	
Total Khabif	108,834·16	12,241·27	121,075·43	.....	.....	.....	52,06,608	
Rabi.								
Class III—								
Cereals—Wheat	38,111·62	3,339·54	41,451·16	16 0 0	663,218 22 6½	0 11 4	23,58,110	
Oil-seeds—Sarson	225·26	4·26	229·52	8 0 0	1,836 6 6½	0 10 0	7,345	
Drugs and Spices—Poppy	...	1·86	1·86	5 0 0	9 12 0	0 2 0	186	
Tobacco	58·13	18·00	76·13	10 0 0	761 12 0	0 5 0	6,090	
Miscellaneous—Turnips	775·07	228·21	1,003·28	50 0 0	50,164 0 0	2 0 0	25,082	
Total	39,170·08	3,591·87	42,761,95	.....	.....	.....	23,96,813	
Class IV—								
Pulses—Gram	337·62	3·85	341·47	20 0 0	6,829 16 0	0 9 8	28,755	
Mutter (Peas)	194·21	12·72	206·93	20 0 0	4,138 24 0	0 14 0	11,825	
Total	531·83	16·57	548·40	.....	.....	.....	40,580	
Total Rabi	39,701·91	3,608·44	43,310·35	.....	.....	.....	24,37,393	
GRAND TOTAL	148,536·07	15,849·71	164,385·78	.....	.....	.....	76,44,001	

MUZAFFARGARH CANALS.

106. These are Inundation Canals from the rivers Chenab and Indus which were formerly maintained by the District authorities, and were only taken over by this Department at the commencement of this year.

107. This is the first regular report on them, and is incomplete, as the canal revenue due has not yet been credited by the Financial Commissioner. There is no Capital expenditure, and the maintenance is carried out by *chher* labor provided by the people under the terms of the settlement, in the same manner as on the Mooltan Canals, but there is an item of ₹4,735 in the suspense accounts pending the adjustment of the accounts.

108. The following is the Revenue account according to the Provincial accounts:—

EXPENDITURE.	₹	₹	RECEIPTS.	₹
Maintenance and Repairs		320	Miscellaneous	25
Establishment, Direction	₹ 8,430		Statute labor	92,150
Ditto Executive	,, 17,332		TOTAL	92,175
Ditto Revenue	,, 10,869			
		36,631		
Tools and Plant		16		
Statute labor		92,150		
TOTAL		1,29,117		
BOOK CHARGES.				
Leave and pension allowances		6,103	Balance, loss	43,045
GRAND TOTAL		1,35,220	GRAND TOTAL	1,35,220

109. But the Superintending Engineer gives the items of income which will have to be credited in the accounts of the ensuing year as—

	₹
Receipts from Plantations	1,146
Canal produce	1,450
Fines	508
Sundry collections	588
Total Miscellaneous	3,692
Indirect income obtained from Financial Commissioner, share of land revenue	1,83,729
GRAND TOTAL	1,87,421

So that taking these as the assessments the profit would be ₹1,44,376.

110. Endeavours will be made to bring the accounts into order during the ensuing year, but as not only have the canals only been lately transferred to this department, but as an attempt is being made to work more directly with the Civil Officers of the District than is done elsewhere, it has not been possible as yet to adjust the procedure.

111. The Fine or Zar-i-nágha Fund has also not yet been adjusted; the following is the Executive Engineer's Statement:—

	₹
Balance on 1st April	20,000
Assessments of the year	20,866
Balance on 1st April 1882	40,866

112. The area irrigated was 239,906 acres, against 180,823 in 1879-80, 210,206 in 1878-79, showing an increase of 59,083 acres over that in the previous year.

113. The cost of the irrigation to the cultivators is estimated at ₹ 1-8 per acre.

114. The area of some of the principal crops grown was—

Sugarcane	4,618 acres.
Rice	37,128 ,,
Cotton	25,638 ,,
Wheat	69,449 ,,

115. The value of the crops is estimated at ₹65,62,942.

116. The following table shows the rain-fall at three of the principal stations in the district:—

MONTHS.	Muzaffargarh.	Sanáwan.	Alipur.	REMARKS.
April 1880	...	...	...	
May ,,	...	...	...	
June ,,	...	...	...	
July ,,	0·8	0·6	1·4	
August ,,	...	0·1	...	
September ,,	...	0·5	...	
TOTAL	0·8	1·2	1·4	
October 1880	...	...	...	
November ,,	...	...	...	
December ,,	0·5	0·2	...	
January 1881	...	...	...	
February ,,	0·9	0·4	2·1	
March ,,	0·5	1·0	0·8	
TOTAL	1·9	1·6	2·9	
GRAND TOTAL	2·7	2·8	4·3	

117. The following are the areas irrigated and estimated value of produce:—

NAMES OF CROPS.	AREA IRRIGATED. Flow.	Lift.	TOTAL.	Produce per acre.	Estimated produce.	Average rate in bazár per rupee.	Total value.
	Acres.	Acres.	Acres.	Mds. S. C.	Mds. S. C.	Mds. S. C.	₹
KHARIF—							
CLASS I—							
Sugarcane	...	...	4,618	17 20 0	80,815 0 0	0 8 0	4,04,075
TOTAL CLASS I	...	...	4,618	...	...	...	4,04,075
CLASS II—							
Rice	...	...	37,128	13 0 0	482,664 0 0	0 9 0	21,45,173
Gardens	...	...	216	₹ 200 per acre.		...	43,200
TOTAL CLASS II	...	...	37,344	...	...	...	21,88,373
CLASS III—							
Fibres—Cotton	...	...	25,638	3 10 0	83,328 0 0	0 5 0	6,66,584
Dyes, Drugs & Spices—Indigo	...	...	16,072	0 12 0	4,822 0 0	0 0 7	4,40,832
Chillies	...	...	83	9 10 0	768 0 0	0 2 0	15,360
Oil-seed (Til)	...	...	1,623	3 0 0	4,869 0 0	0 10 0	19,476
Miscellaneous—Vegetables	...	...	107	₹ 34 per acre.		...	3,638
TOTAL CLASS III	...	...	43,523	...	...	...	11,45,890
CLASS IV—							
Cereals—Jowár (Great Millet)	...	...	13,132	7 5 0	93,565 0 0	0 10 0	3,74,260
Bájra (Spiked Millet)	...	...	14,718	8 0 0	117,744 0 0	0 20 0	2,35,488
Kangni	...	...	182	6 10 0	1,137 0 0	0 5 0	9,096
Maize (Indian Corn)	...	...	2	40 0 0	80 0 0	0 8 0	400
Miscellaneous crops	...	...	9,861	About 8 annas per acre.		...	4,930
TOTAL CLASS IV	...	...	37,895	...	...	...	6,24,174
TOTAL KHARIF	...	...	123,380	...	...	...	43,62,512
RABI—							
CLASS III—							
Cereals—Wheat	...	...	69,449	8 20 0	590,316 0 0	0 17 0	13,88,979
Barley	...	...	1,651	9 0 0	14,859 0 0	0 25 0	23,774
Drugs, &c.—Tobacco	...	...	47	8 0 0	376 0 0	0 7 0	2,149
Poppy	...	...	13	0 8 0	1 0 0	0 0 ¾	8,533
Oil-seed—Sarson	...	...	1	5 20 0	5 0 0	0 14 0	14
Miscellaneous—Turnips	...	...	6,419	95 10 0	611,410 0 0	1 20 0	4,07,607
Vegetables	...	...	133	₹ 34 per acre.		...	4,522
Carrots	...	...	22	59 0 0	1,298 0 0	2 30 0	472
TOTAL CLASS III	...	...	77,735	...	...	...	18,36,050
CLASS IV—							
Pulses—Gram	...	...	6,823	5 10 0	35,821 0 0	0 17 0	84,284
Fallow lands	...	...	14,462	...	...	...	...
Miscellaneous	...	...	17,506	4 0 0	70,024 0 0	0 10 0	2,80,096
TOTAL CLASS IV	...	...	38,791	...	...	...	3,64,380
TOTAL RABI	...	...	116,526	...	...	...	22,00,430
GRAND TOTAL	...	...	239,906	...	...	...	65,62,942

The rates for Mooltan are taken for the above.

SHAHPUR CANALS.

118. There was no change in the Capital account during the year. The amount is ₹10,739.

119. The collections of the year amounted to ₹7,597. The maintenance charges to ₹ 6,847, and the charge for interest to ₹1,749, so that there was a profit of 1·84 per cent. excluding, and a loss of 2 45 per cent. including, the interest charge.

120. The balance at credit of the canals at the end of year was ₹20,217.

121. The area irrigated was 9,135 acres, against 4,487 in the previous year; this was due to the slightly better level of the river. In August many of the canals were dry, but a subsequent rise provided irrigation for the rabi crops.

122. The annexed statement gives the result of the past five years for the canals under the charge of this department:—

	1880-81.	1879-80.	1878-79.	1877-78.	1876-77.
Water rate.	₹	₹	₹	₹	₹
Station Canal	14,807	8,550	12,914	11,173	12,044
Sahiwál „	2,712	1,224	2,272	894	1,604
MacNabb „	917	311	354	...	...
TOTAL	18,436	10,085	15,540	12,067	13,648
Area irrigated.	Acres.	Acres.	Acres.	Acres.	Acres.
Station Canal	6,298	3,465	6,843	4,051	7,105
Sahiwál „	2,132	822	1,572	1,527	2,018
MacNabb „	705	200	774	...	...
TOTAL	9,135	4,487	9,189	5,578	9,123
Average rate per acre.	₹ a. p.	₹ a. p.	₹ a. p.	₹ a. p.	₹ a. p.
Station Canal	2 5 7	2 7 6	1 14 2	2 12 1	1 11 2
Sahiwál „	1 4 4	1 7 10	1 7 1	0 9 5	0 12 8
MacNabb „	1 4 9	1 8 10	0 7 3	...	...

123. The principal crops grown have been—

	1880-81.	1879-80.	1878-79.	1877-78.	1876-77.
	Acres.	Acres.	Acres.	Acres.	Acres.
Cotton	2,498	521	5,453	3,667	4,059
Jowár	1,584	518	1,087	659	1,466
Wheat	2,756	1,849	1,728	916	1,739
Gram	518	670	361	59	670
Sugar cane	31	8	12	...	...
Total area irrigated	9,135	4,487	9,189	5,578	9,128
	₹	₹	₹	₹	₹
Value of crops	1,47,695	57,965	66,785	53,711	89,058

124. These canals are managed entirely by the District authorities, but an Assistant Engineer was deputed for a time to report on them, and it is proposed to send him in the ensuing season to advise the Deputy Commissioner regarding the necessary improvements.

125. The value of the crops grown was R1,47,695; a table giving the details is annexed.

NAME OF CROP.	AREA IRRIGATED BY Station Canal.	Sahiwál Canal.	MacNabb Canal.	TOTAL.	Probable value of the harvest produced.
	Acres. R. P.	Acres. R. P.	Acres. R. P.	Acres. R. P.	₹
Cotton	1,943 3 20	461 1 9	92 2 18	2,497 3 7	49,940
Jowár	729 3 12	734 2 33	119 3 36	1,584 2 1	15,840
Bájra	832 3 2	97 2 0	158 3 31	1,089 0 33	10,890
Moth	62 3 12	43 3 31	10 1 0	117 0 3	2,340
Grass	121 1 27	175 1 44	...	296 3 21	296
Sesamum	35 3 29	2 3 15	3 2 9	42 1 13	2,520
Sugarcane	22 3 25	7 2 26	...	30 2 11	3,000
Vegetables	115 3 23	15 2 15	1 3 29	133 1 26	1,334
Wheat	2,139 0 35	305 3 36	311 1 5	2,756 1 36	55,120
Gram	270 0 6	243 2 0	4 3 31	518 1 37	5,180
Barley	4 0 5	3 1 5	...	7 1 10	50
Táramíra	3 1 24	...	...	3 1 24	20
Makai	1 1 29	6 2 0	1 1 7	9 0 36	135
Mung	10 0 30	2 0 38	...	12 1 28	240
Swánk	0 0 23	8 1 5	...	8 1 28	80
Red-pepper (mirch)	...	2 1 13	...	2 1 13	250
Rice	0 1 27	14 1 34	...	14 3 21	350
Tobacco	...	2 2 16	0 0 30	2 3 6	74
China	3 1 8	4 0 13	...	7 1 21	36
TOTAL	6,297 2 16	2,132 1 3	704 3 36	9,134 3 15	1,47,695

H. W. GULLIVER, MAJOR-GENERAL, R.E.,
Chief Engineer, Irrigation Works, Punjab.

Dated 10th January 1882.

Statement showing the Financial Results of Irrigation Works in the Punjab for and to end of the year 1880-81,—the Revenue Account being based on the Collections of the Year.

NAME OF WORK.	CAPITAL OUTLAY. During 1880-81. Direct.	Indirect.	Total.	To end of 1880-81. Direct.	Indirect.	Total.	GROSS REVENUE. During 1880-81. Direct.	Indirect.	Total.	To end of 1880-81. Direct.	Indirect.	Total.	WORKING EXPENSES. During 1880-81.	To end of 1880-81.	NET REVENUE. During 1880-81.	To end of 1880-81.	CHARGES FOR INTEREST. During 1880-81.	To end of 1880-81.	PROFIT. During 1880-81.	To end of 1880-81.	PERCENTAGE OF PROFIT ON CAPITAL OUTLAY DURING YEAR. Excluding interest.	Including interest.
	₹	₹	₹	₹	₹	₹	₹	₹	₹	₹	₹	₹	₹	₹	₹	₹	₹	₹	₹	₹	₹	₹
WORKS FOR WHICH CAPITAL AND REVENUE ACCOUNTS ARE KEPT.																						
Works Public Works.																						
Hari Doab Canal	5,250	429	5,679	1,40,51,831	6,11,854	1,46,63,685	A 10,74,919	B 2,78,450	13,53,369	1,25,72,935	83,34,175	1,09,06,310	90,426	20,36,314	+9,29,631	+78,23,185	6,09,996	34,72,078	+3,19,635	−1,58,807	4·22	1·64
Sirhind Canal	4,97,402	28,681	5,22,683	74,10,374	4,16,841	78,35,915	9,10,128	C 1,02,282	10,12,410	2,51,43,743	1,69,06,380	4,20,50,123	4,22,718	90,83,625	+6,04,196	+3,07,47,096	55,298	1,47,222	+5,48,898	+1,05,762	4·22	3·59
Jumna Canal	34,675	26,110	60,785	1,49,374	1,30,736	2,80,110	19,46,047	3,78,712	23,24,759	3,80,16,378	2,13,42,835	5,93,59,213	4,08,254	2,06,58,642	+15,32,787	+3,85,70,271	6,65,294	36,19,300	+8,67,493	−36,19,300	6·55	2·29
TOTAL	5,02,252	28,110	5,30,362	2,23,71,005	1,30,736	2,24,01,800	19,56,047	3,78,712	23,34,759	3,80,16,378	2,13,42,835	5,93,59,213	8,30,972	2,06,58,642	+15,32,787	+3,85,70,271	6,65,294	36,19,300	+8,67,493	−36,19,300	6·55	2·29
Works under Construction and Navigation.																						
Sutlej Inundation Canals	−743	...	−743	6,22,350	56,143	6,78,493	23,176	D 91,476	1,14,652	7,74,277	11,11,306	18,85,583	90,426	20,36,314	+34,226	−1,70,731	6,09,996	34,72,078	−6,09,996	−34,72,078	...	+ 0·12
& Chenab Inundation Canals	−2,516	...	−2,516	1,07,709	2,541	1,10,249	3,90,262	E 3,60,687	6,80,949	28,55,117	53,00,940	81,56,057	4,56,727	40,03,314	+2,09,322	+41,52,543	19,840	1,58,807	+1,89,482	−1,58,807	+ 1·19	+ 17·97
Inundation Canals	−243	...	−243	6,00,617	19,729	7,11,346	62,660	1,27,993	2,90,653	8,67,398	2,50,443	35,57,841	1,05,052	35,71,630	+35,571	−13,789	13,839	1,05,762	+21,733	−1,05,762	+ 1·44	+ 3·44
Inundation	...	...	...	38,368	1,371	39,739	7,997	...	7,997	96,535	...	96,535	6,847	63,370	+750	+33,165	1,579	8,422	−829	−8,422	+ 1·84	− 2·45
Upper Workshops	−14,664	...	−14,664	5,13,451	...	5,13,451	...	...	...	36,584	...	36,584	4,49,456	...	...	−4,13,872	35,258	2,72,981	−23,444	−8,04,623	...	− 4·56
TOTAL	−18,164	...	−18,164	18,74,104	80,280	19,54,383	4,73,785	5,89,116	10,32,901	48,29,911	91,29,689	1,37,32,600	7,49,052	1,01,44,284	+2,83,969	+35,88,316	64,736	13,91,985	+1,99,123	+21,93,331	+ 14·52	+ 10·19
GRAND TOTAL	4,84,090	28,110	5,10,196	2,42,45,109	11,11,064	2,53,56,283	24,29,832	9,37,828	33,67,660	4,28,46,289	3,05,46,524	7,29,91,513	15,80,074	3,08,32,926	+18,16,656	+4,21,58,657	10,80,140	2,05,65,623	+7,36,516	+2,15,72,934	+ 7·16	+ 2·90
WORKS FOR WHICH ONLY CAPITAL ACCOUNTS ARE KEPT.																						
Works under Construction.																						
Sirhind { Imperial	20,03,278	71,968	20,75,246	1,45,67,110	8,75,995	1,53,73,105	...	...	...	...	...	...										
Canal { Contributions.	8,69,173	37,353	8,96,526	81,55,077	4,96,505	86,22,182	...	...	...	...	...	...										
Sutlej River Canal	2,19,635	8,332	2,27,967	13,38,073	65,982	14,04,355	...	...	...	...	...	...										
TOTAL	30,92,086	1,17,453	31,99,539	2,40,60,260	13,18,182	2,53,99,642	...	...	...	...	...	...										
Works under Suspension.																						
Lower Hari Doab Survey	...	...	...	4,00,586	59,593	5,00,479	...	...	...	...	...	...										
Sirsáwá Survey	...	...	...	3,07,544	47,625	3,55,169	...	...	...	...	...	...										
Abdul Rahman Khán's Canal	...	...	...	35,095	...	35,095	...	...	...	...	...	...										
TOTAL	...	...	...	7,43,225	1,07,218	8,90,743	...	...	...	...	...	...										
Total Works for which Capital and Revenue Accounts and for which only Capital Accounts are kept	35,66,172	1,45,563	37,09,735	4,94,10,184	25,36,484	5,19,46,668	24,29,832	9,37,828	33,67,660	4,28,46,289	3,05,46,524	7,29,91,513										
WORKS FOR WHICH ONLY REVENUE ACCOUNTS ARE KEPT.																						
Margarh Inundation Canals	...	...	...	...	...	...	92,175	...	92,175	92,175	...	92,175										
GRAND TOTAL	35,66,172	1,45,563	37,09,735	4,94,10,184	25,36,484	5,19,46,668	25,51,007	9,37,828	34,88,835	4,29,38,464	3,05,46,524	7,30,83,688										

Balances R2,24,138 on account of water-advantage rate of Bari Doab Canal for 1879-80, which was written back from direct to indirect revenue by Examiner for 1880-81, but not taken into account in the Finance and Revenue Accounts of the Government of India owing to the amount not being included in the figures furnished by the local Accountant-General.

For the year 1880-81 the revenue direct is Rupees 10,74,919 + 2,24,138 = 12,99,057
For the year 1880-81 the revenue indirect is Rupees 2,78,450 − 2,24,138 = 54,312

	CAPITAL OUTLAY.						GROSS ASSETS.			WORKING EXPENSES.			Net Revenue.	Charges for interest.	Profit.	PERCENTAGE OF PROFIT ON CAPITAL ACCOUNT.		AREA IRRIGATED.
	DURING 1880-81.			TO END OF 1880-81.														
	Direct.	Indirect.	TOTAL.	Direct.	Indirect.	TOTAL.	Direct.	Indirect.	TOTAL.	Direct.	Indirect.	TOTAL.				Excluding interest.	Including interest.	
	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£
WORKS FOR WHICH CAPITAL AND REVENUE ACCOUNTS ARE KEPT.																		
Productive Public Works.																		
[illegible]	5,250	429	5,679	1,49,54,631	6,11,854	1,55,66,485	11,91,775	3,27,293	15,19,068	3,87,923	34,795	4,22,718	10,96,350	6,72,840	+ 4,23,510	+ 7·04	+ 2·72	4,33,080
[illegible] Canal	4,87,002	25,681	5,22,683	74,16,374	4,18,941	78,35,315	9,27,387	1,02,282	10,29,669	3,73,436	34,818	4,08,254	6,21,415	3,22,554	+ 2,98,861	+ 7·93	+ 3·81	2,65,551
TOTAL	5,02,252	26,110	5,28,362	2,23,71,005	10,30,795	2,34,01,800	21,19,162	4,29,575	25,48,737	7,61,359	69,613	8,30,972	17,17,765	9,95,394	+ 7,22,371	+ 7·34	+ 3·09	6,98,631
Irrigation and Navigation.																		
[illegible] Inundation Canals	−743	...	−743	5,22,350	56,148	5,78,498	34,022	1,46,621	1,80,643	85,728	4,698	90,426	90,217	23,522	+ 66,695	+ 15·59	+ 11·53	1,54,536
[illegible]aj and Chenab Inundation Canals	−2,516	...	−2,516	1,07,708	2,541	1,10,249	2,75,750	3,09,687	5,85,437	4,78,010	8,717	4,86,727	98,710	4,903	+ 93,807	+ 89·53	+ 85·09	2,94,284
[illegible]ndation Canals	−243	...	−243	6,91,617	19,729	7,11,346	60,907	1,57,953	2,18,860	1,50,940	14,092	1,65,032	53,828	31,128	+ 22,700	+ 7·57	+ 3·19	1,64,385
[illegible] Inundation Canals	...	...	...	38,868	1,871	40,739	18,436	...	18,436	6,847	...	6,847	11,589	1,749	+ 9,840	+ 28·45	+ 24·15	9,135
[illegible] Workshops	−14,664	...	−14,664	5,13,651	...	5,13,651	...	...	...	...	...	...	...	23,444	−23,444	...	− 4·56	...
TOTAL	−18,166	...	−18,166	18,74,194	80,289	19,54,483	3,89,115	6,14,261	10, 3,376	7,21,525	27,507	7,49,032	2,54,344	84,746	+ 1,69,598	+ 13·01	+ 8·68	6,27,340
GRAND TOTAL	4,84,086	26,110	5,10,196	2,42,45,199	11,11,084	2,53,56,283	25,08,277	10,43,836	35,52,113	14,82,884	97,120	15,80,004	19,72,109	10,80,140	+ 8,91,969	+ 7·78	+ 3·52	13,25,971
WORKS FOR WHICH ONLY CAPITAL ACCOUNTS ARE KEPT.																		
Works under Construction.																		
[illegible] Canal { *Imperial*	20,03,279	71,968	20,75,246	1,45,57,110	2,15,995	1,53,73,105	...	...	...	...	...	...	...	6,09,996	−6,09,996	...	− 3·97	...
[illegible] Canal { *Contributions*	8,59,173	37,253	8,96,426	84,85,677	4,36,505	89,22,182	...	...	...	...	...	...	...	...	...	...	...	...
[illegible] River Canal	2,19,635	8,232	2,27,867	13,38,673	65,682	14,04,355	...	...	...	...	...	...	...	55,298	−55,298	...	− 3·94	...
TOTAL	30,82,086	1,17,453	31,99,539	2,43,81,460	13,18,182	2,56,99,642	...	...	...	...	...	...	...	6,65,294	−6,65,294	...	− 3·97	...
Works under Suspension.																		
[illegible] Hari Doáb Survey	...	...	...	4,40,886	59,593	5,00,479	...	...	...	...	...	...	...	19,840	−19,840	...	− 3·96	...
[illegible] Survey	...	...	...	3,07,544	47,625	3,55,169	...	...	...	...	...	...	...	13,839	−13,839	...	− 3·90	...
[illegible]hmán Khán's Canal	...	...	...	35,095	...	35,095	...	...	...	...	...	...	...	1,579	−1,579	...	− 4·50	...
TOTAL	...	...	...	7,83,525	1,07,218	8,90,743	...	...	...	...	...	...	...	35,258	− 35,258	...	− 3·96	...
Works for which Capital and Revenue Accounts and for which only Capital Accounts are [illegible]	35,66,172	1,43,563	37,09,735	4,94,10,184	25,36,484	5,19,46,668	25,08,277	10,43,836	35,52,113	14,82,884	97,120	15,80,004	19,72,109	17,80,692	+ 1,91,417	* + 4·58	* + 0·44	13,25,971
WORKS FOR WHICH ONLY REVENUE ACCOUNTS ARE KEPT.																		
[illegible] Inundation Canals	...	...	...	...	...	...	92,175	...	92,175	1,79,117	6,103	1,85,220	−43,045	...	− 43,045	...	...	2,39,906
GRAND TOTAL	35,66,172	1,43,563	37,09,735	4,94,10,184	25,36,484	5,19,46,668	26,00,452	10,43,836	36,44,288	16,12,001	1,03,223	17,15,224	19,29,064	17,80,692	+ 1,48,373	* 4·48	* + 0·34	15,65,877

NOTE.—The amount of Contributions has been excluded from the Capital Outlay in calculating the percentage of profits marked with an asterisk.

GOVERNMENT OF INDIA.

DEPARTMENT OF FINANCE AND COMMERCE.

Comparative Statement of the Nett Indian Sea and Land Customs Revenue (excluding Salt Revenue) for the first six months of the official year 1882-83, and of the eleven preceding years.

(IN THOUSANDS OF RUPEES.)

YEAR.	FOR THE SIX MONTHS, APRIL TO SEPTEMBER.																						YEAR.
	BENGAL.				BOMBAY.				SINDH.				MADRAS.				BRITISH BURMA.				TOTAL BRITISH INDIA.					
	On Imports of Liquors.	On other Imports.	On Exports.	Total Revenue.	On Imports of Liquors.	On other Imports.	On Exports.	Total Revenue.	On Imports of Liquors.	On other Imports.	On Exports.	Total Revenue.	On Imports of Liquors.	On other Imports.	On Exports.	Total Revenue.	On Imports of Liquors.	On other Imports.	On Exports.	Total Revenue.	On Imports of Liquors.	On other Imports.	Total Import Revenue.	Export Revenue.	Total Revenue.	
[illegible]-72	5,38	36,54	10,61	52,53	3,81	18,83	1,84	24,48	66	50	68	1,84	1,76	6,22	7,32	15,30	78	2,00	9,51	12,29	12,39	64,09	76,48	29,96	1,06,44	1871-72.
[illegible]-73	6,59	36,64	11,34	54,57	2,70	19,48	1,54	23,72	53	49	1,09	2,11	1,94	5,85	5,64	13,43	1,60	2,25	18,00	21,85	13,36	64,71	78,07	37,61	1,15,68	1872-73.
[illegible]-74	5,16	32,43	8,39	45,98	2,91	17,90	1,53	22,34	58	33	58	1,49	1,84	6,68	7,21	15,73	1,62	2,30	14,08	18,00	12,11	59,64	71,75	31,79	1,03,54	1873-74.
[illegible]-75	5,95	38,28	6,22	50,45	3,20	19,74	1,61	24,55	59	30	66	1,55	1,74	6,95	6,74	15,43	2,03	3,18	9,77	14,98	13,51	68,45	81,96	25,00	1,06,96	1874-75.
[illegible]-76	6,14	38,71	7,63	52,48	3,34	20,11	3,40	26,85	62	42	87	1,91	2,10	7,21	6,92	16,23	1,80	2,31	17,51	21,62	14,00	68,76	82,76	36,33	1,19,09	1875-76.
1876-77	6,31	30,89	6,07	43,27	3,92	17,55	52	21,99	70	32	11	1,13	2,62	6,55	4,34	13,71	2,23	2,53	12,40	17,16	15,98	57,84	73,82	23,44	97,26	1876-77.
1877-78	7,05	39,19	7,27	53,51	4,37	21,09	49	25,95	1,08	36	18	1,62	2,56	3,85	85	7,26	2,42	2,72	9,30	14,44	17,48	67,21	84,69	18,09	1,02,78	1877-78.
1878-79	6,55	31,32	6,59	44,46	4,05	18,70	1,07	23,82	91	25	10	1,26	2,97	4,74	2,05	9,76	3,63	3,34	12,94	19,91	18,11	58,35	76,46	22,75	99,21	1878-79.
1879-80	5,92	31,25	4,30	41,47	4,39	15,84	86	21,09	1,49	38	10	1,97	2,64	4,41	2,72	9,77	3,35	3,05	16,89	23,29	17,79	54,93	72,72	24,87	97,59	1879-80.
1880-81	6,57	29,00	5,15	40,72	4,15	22,93	77	27,85	2,11	54	10	2,75	3,39	5,28	4,52	12,19	2,34	3,80	18,30	24,44	17,56	61,55	79,11	28,84	1,07,95	1880-81.
1881-82	6,72	28,20	7,42	42,34	5,03	20,69	72	26,44	1,89	58	14	2,61	3,42	5,02	3,11	10,55	3,33	3,76	21,67	28,76	19,39	58,25	77,64	33,06	1,10,70	1881-82.
1882-83	6,88	13	7,36	14,37	5,03	−96*	65	4,72	1,71	3	25	1,99	2,43	2	2,10	4,75	3,97	4	26,41	30,42	20,22	−74*	19,48	36,77	56,25	1882-83.

* The amount refunded is greater than the duty collected.

DEPARTMENT OF FINANCE AND COMMERCE,
STATISTICAL BRANCH;
Calcutta, 24th October 1883.

D. M. BARBOUR,
Secretary to the Government of India.

GOVERNME

DEPARTMENT OF FI

PRICES CURRENT OF FOOD-GRAINS THROUGHOU

QUANTITIES PER RUPE

DISTRICTS.	Wheat.			Barley.			Rice (best sort).			Rice (common).			Great Millet (Cholum, Jowar), *Holcus Sorghum.*			Bulrush Millet (Cumbon, Bajra), *Penicillaria Spicata.*			Millets, Ragi, &c. Varu, Veragu, Sawee, Sama, Coraloo, Murnduglee), *Panicum Miliaceum, &c.*		
	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.
	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
Ganjam	7 6	8 2	13 0	...	...	...	17 13	17 13	19 6	19 8	19 8	20 8	...	...	...	...	...	...	15 8	15 8	12 0
Vizagapatam	11 8	10 0	14 0	...	...	...	10 10	9 0	11 8	12 6	11 5	12 11	21 10	...	...	27 11	23 13	27 12	14 0	14 0	10 8
Godavery	11 11	12 10	11 11	...	...	...	13 14	13 14	12 14	18 0	18 0	17 0	30 11	30 11	28 13	...	...	...	14 10	14 10	12 8
Kistna	12 11	12 11	13 11	...	...	...	15 11	15 11	16 3	16 5	16 5	16 13	24 14	24 14	27 0	...	...	...	14 10	14 10	12 8
Nellore	12 10	12 10	12 3	...	...	...	15 13	15 13	14 5	17 0	17 0	15 0	28 13	28 13	26 14	...	...	...	14 10	14 10	12 14
Cuddapah	14 0	14 0	13 10	...	...	...	12 6	12 6	12 6	14 2	14 2	12 14	30 0	28 6	27 10	31 14	31 14	29 1	14 8	14 8	12 0
Anantapur	13 6	13 6	11 8	...	...	...	12 13	12 13	13 14	14 0	14 0	15 2	30 14	30 14	30 14	18 13	18 13	18 12	15 11	15 6	13 2
Bellary	16 14	16 5	16 5	...	...	...	12 5	12 5	11 13	13 8	13 8	13 0	37 2	37 2	37 2	26 5	26 5	26 5	14 6	14 6	12 2
Kurnool	12 2	12 2	11 6	...	...	...	10 10	10 10	10 10	11 6	11 6	11 6	34 3	32 3	30 2	21 3	21 3	28 11	16 3	16 3	13 14
Madras	10 8	10 8	9 8	...	...	...	13 5	13 5	13 5	15 2	15 2	14 8	23 13	23 13	21 10	25 0	25 0	28 13	17 0	17 0	13 14
Chingleput	...	...	...	...	...	...	14 3	14 10	14 10	14 11	15 14	15 8	...	...	...	...	...	...	15 6	15 6	12 5
North Arcot	9 11	9 11	10 3	...	...	...	15 0	15 0	15 0	17 5	17 5	16 0	33 11	33 11	29 2	28 14	28 14	28 2	19 5	19 5	15 5
South Arcot	8 10	9 0	9 0	...	...	...	15 11	15 11	13 8	16 3	16 3	14 0	33 10	33 10	30 3	33 14	33 14	26 12	15 10	15 10	13 5
Tanjore	9 8	9 8	8 13	...	...	...	15 13	15 13	13 5	...	...	...	33 6	31 13	25 6	37 13	31 14	30 6	17 13	17 13	13 0
Trichinopoly	9 10	9 3	10 10	...	...	...	14 6	14 6	14 0	14 14	14 14	14 8	28 0	28 0	25 3	27 14	26 11	27 12	17 0	17 0	13 0
Madura	11 11	11 5	13 5	...	...	...	14 11	13 14	13 6	15 3	15 3	13 14	35 10	32 6	32 6	31 10	30 14	30 12	17 5	15 14	14 0
Timevelly	8 0	8 0	9 8	...	...	...	15 6	15 6	11 2	15 13	15 13	11 10	...	...	...	...	...	...	18 11	18 11	14 13
Coimbatore	10 11	10 11	10 11	...	...	...	13 8	13 8	12 10	14 14	14 14	13 10	26 2	26 2	29 10	28 10	28 10	28 10	18 3	18 3	14 5
Nilgiris	8 8	7 2	9 14	...	...	...	9 10	9 10	9 10	11 3	10 6	12 0	20 13	20 0	21 10	19 10	19 10	19 10	11 0	11 0	9 3
Salem	10 11	10 3	12 6	...	...	...	14 0	13 2	13 2	15 10	14 2	13 11	30 14	28 3	27 5	27 13	28 13	27 13	19 2	18 0	14 5
South Canara	8 10	8 10	8 10	...	...	...	9 11	9 11	8 11	10 11	10 11	11 11	...	...	...	...	...	...	14 5	14 5	11 7
Malabar	7 3	7 3	10 13	...	...	...	14 10	14 10	15 6	15 0	15 0	16 3	...	...	...	...	...	...	13 8	13 8	10 13
Bombay	10 0	10 0	10 15	18 4	19 2	19 13	8 11	8 14	8 15	14 1	11 6	13 5	20 0	19 2	24 4	17 5	17 7	18 0	12 9	12 9	12 9
Ahmedabad	14 0	14 8	14 0	...	...	24 0	8 0	7 8	7 0	8 8	8 0	10 0	18 8	17 8	22 0	17 0	16 8	19 0	16 0	16 0	13 0
Kaira	13 5	11 13	13 14	22 14	20 0	26 10	10 0	10 0	9 2	16 0	16 0	14 9	20 0	17 12	20 0	16 0	16 0	17 4	16 0	16 0	12 13
Surat	12 8	12 8	13 1	7 11	7 11	12 4	8 3	8 3	6 13	8 12	8 12	8 5	15 9	15 9	18 13	14 14	14 14	17 18	16 0	16 0	17 12½
Broach	13 5½	13 5½	14 8½	...	...	...	11 1	11 1	8 14½	12 9	12 9	12 4½	16 9½	16 9½	17 12½	15 4	15 4	17 12½	12 13	15 4	12 12
Tanna (Salsette)	10 5	10 5	10 5	...	...	...	8 3	8 3	8 2	10 0	10 0	11 4	18 10	18 10	18 10	15 0	15 0	16 0	13 13	13 13	10 2
Colába (Alibág)	8 8	8 8	8 8	...	...	...	7 8	6 12	9 0	14 8	13 8	14 0	...	...	...	...	...	...	12 0	11 0	10 8
Khandesh (Dhulia)	14 2	15 0	15 14	...	...	...	7 4	7 4	7 4	10 15	10 15	10 15	17 19½	20 6½	34 0	15 6	19 13	23 6½	14 8	14 8	11 8
Násik	14 4	14 4	14 5	...	...	...	7 7	7 7	7 7	12 0	12 0	11 12	...	...	26 6	18 6	19 12	21 0	14 9	14 9	11 8
Ahmednagar	14 6	14 6	14 11	...	...	...	9 11	9 11	8 9	12 0	12 0	10 9	26 13	31 11	33 11	21 7	25 0	28 5	16 3	16 3	13 11
Poona	12 10	12 10	12 10	...	...	...	11 0	11 0	8 9	12 4	12 4	11 0	26 2	26 2	28 4	20 11	20 11	19 9	16 10	16 10	14 6
Sholápur	13 9	13 9	14 15	...	...	...	10 7	10 7	10 7	11 12	11 5	11 13	35 12	33 7	37 15	27 2	25 11	31 2	17 0	17 0	13 14
Kaládgi (Bagalkot)	22 12	22 0	18 0	15 0	14 8	11 0	6 12	6 12	7 14	9 0	9 0	10 14	45 0	43 0	27 12	39 0	39 0	26 0	15 4	15 4	11 6
Satara	12 1	12 1	12 1	...	...	...	8 14	9 11	8 14	10 12	11 7	10 0	26 10	26 10	27 15	22 0	22 0	24 0	13 0	13 0	9 0
Belgaum	19 0	19 0	16 7	14 0	14 0	11 0	10 10	10 0	11 8	10 8	10 8	12 0	30 0	30 0	27 3	26 13	25 0	26 0	13 0	13 0	9 0
Dharwar (Hubli)	24 0	24 0	19 0	...	...	...	12 0	12 0	12 0	15 0	14 0	15 0	34 0	32 0	30 0	23 0	22 0	24 0	9 8	9 2	8 0
Ratnágiri	10 9	10 9	7 15	...	...	...	7 13	7 13	10 11	14 2	12 11	14 13	18 3	18 3	20 13	14 11	14 11	15 15	9 0	9 0	8 0
Kanara (Karwar)	10 8	10 8	10 0	...	...	...	8 0	8 0	8 0	10 11	10 0	15 0	14 0	14 0	...	...	...	...	10 8	10 8	7 0
Panch Mahals (Godhra)	11 6	11 6	11 6	...	...	...	11 6	11 6	11 6	15 0	15 0	15 0	32 0	32 0	32 0	16 0	17 11	34 0	15 4	15 4	11 6
Aden	8 0	8 0	...	...	...	...	6 3	6 3	6 3	7 0	7 0	7 0	11 3	11 3	9 5	8 0	8 0	8 0	32 0	32 0	32 0
Asirgarh	13 10	14 0	15 0	...	...	...	10 8	10 15	10 0	12½ 2	12 4	12 0	24 13	24 15	40 0	22 6	23 0	30 0	11 9	12 0	10 0
Baroda	10 9	10 9	10 9	14 2	14 2	14 5	9 6	9 6	7 7	11 11	11 11	10 14	17 10	17 10	...	16 7	15 14	15 7	14 11	14 11	12 0
Disa	15 8	15 8	13 8	...	...	...	6 6	6 6	6 6	8 11	8 11	8 6	19 4	17 8	20 0	18 8	18 8	20 8	13 0	13 0	10 0
Nimach	No return received.			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	No return received		
Nasirabad	16 8	16 8	18 3½	23 10½	23 10	27 8½	6 0	6 0	6 0	7 0	7 0	7 0	23 13½	22 0	29 0	16 6	16 0	19 10½	16 0	16 0	12 8
Rájkot	13 10	14 0	16 8	...	...	...	6 8	6 8	5 8	11 0	11 0	10 0	16 0	16 0	26 4	13 10	14 8	21 4	55 0	55 0	45 0
Upper Sindh Frontier	13 4	13 0	11 8	25 0	24 4	17 8	11 4	11 4	9 0	20 0	20 0	13 0	33 8	32 0	29 4	27 8	26 0	...	†12 4½	†12 5	†10 5
Karachi	12 5	12 5	11 2	20 0	20 0	19 0	9 8	9 8	9 0	18 0	18 0	11 0	23 0	23 0	20 0	19 0	19 0	20 0	17 13	17 13	13 13
Haidarabad (Nakur)	14 0	14 0	15 0	26 0	26 0	20 0	14 0	14 0	11 4	20 0	20 0	16 0	32 0	32 0	26 0	28 0	28 0	26 0	14 0	14 0	12 0
Shikarpur	13 2½	13 7½	11 7	25 6	25 0	18 3	12 4	12 4½	11 1	20 4	19 6	16 7	32 0	28 8	19 10½	30 8	27 0	21 8	13 8	13 10	11 0
Thar and Parkar (Umarkot)	18 0	18 0	14 13	...	...	...	...	...	...	12 12	12 12	9 8	...	...	...	22 12	23 6	19 4	13 8	13 8	10 0
Western Districts.																					
Burdwan	13 4	13 0	13 8	40 0	32 8	30 0	25 2	24 0	28 8	27 0	25 8	30 0	...	...	...	...	...	...	21 0	21 0	23 0
Bancoorah	13 8	13 0	14 8	15 0	18 0	16 0	21 0	20 0	25 0	27 0	27 0	36 0	...	...	...	...	...	...	18 0	18 0	20 0
Beerbhoom	13 4	13 0	16 0	...	...	...	16 8	17 0	22 0	21 0	21 0	28 0	...	...	...	...	...	...	19 0	20 0	21 0
Midnapore	13 0	13 0	13 8	...	...	...	21 0	21 0	20 0	25 0	25 0	27 0	...	...	...	...	...	...	18 0	18 0	19 0
Hooghly	20 0	15 0	14 0	...	...	...	10 0	10 0	10 0	20 0	19 0	21 0	...	...	...	...	...	...	20 0	20 0	22 0
Howrah	13 4	13 4	15 4	23 0	23 0	...	15 8	15 8	16 0	17 12	17 12	21 0	...	...	...	...	...	...	21 0	21 0	22 8

Cuttack retail prices of salt are as follow :—Cuina 15 seers, Cutwa 13-4 seers, and Raneegunge 13 seers.
The interior retail prices of salt are as follow :—Baipore 13 seers, Unda and Indas 16 seers, Mejia Bishenpore, Sonamukhi and Kotulpore 13 seers.

OF AND COMMERCE.

FOR THE 2nd HALF OF SEPTEMBER 1882.

ERS OF 80 TOLAHS.

Firewood.			Salt.						DISTRICTS.
			Wholesale.			Retail.			
Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	
215 13	215 13	215 13	...	...	...	15 8	15 8	12 0	Ganjam
93 5	93 5	87 8	15 3	15 3	11 11	14 0	14 0	10 8	Vizagapatam
194 6	194 6	194 6	14 10	14 10	12 8	14 10	14 10	12 8	Godavery
130 0	130 0	145 13	16 0	16 0	13 2	15 11	15 11	12 14	Kistna
186 10	186 10	93 5	15 6	15 6	13 3	14 13	14 13	12 11	Nellore
194 6	194 6	194 6	17 8	17 8	14 13	16 10	16 10	14 6	Cuddapah
...	...	...	14 5	14 13	11 14	14 5	14 5	11 14	Anantapur
82 10	85 0	97 3	15 13	15 11	13 6	15 11	15 6	13 2	Bellary
178 13	186 10	190 8	14 13	14 13	12 8	14 6	14 6	12 2	Kurnool
86 5	86 5	81 6	16 11	16 11	14 6	16 3	16 3	13 14	Madras
92 5	92 5	77 13	17 5	17 5	14 5	17 0	17 0	13 14	Chingleput
140 0	140 0	140 0	15 6	15 6	12 11	14 13	14 13	12 5	North Arcot
201 11	201 11	201 11	19 5	19 5	15 5	18 14	18 14	14 13	South Arcot
194 6	194 6	194 6	15 10	15 10	13 5	15 10	15 10	13 5	Tanjore
97 3	97 3	97 3	17 13	17 13	13 13	17 0	17 0	13 0	Trichinopoly
131 3	145 13	97 3	17 13	16 6	14 8	17 5	15 14	14 0	Madura
81 10	81 10	81 10	18 11	18 11	14 13	18 3	18 3	14 5	Timevelly
131 3	131 3	131 3	14 11	14 11	12 3	14 10	14 10	11 11	Coimbatore
161 13	161 13	121 8	11 0	11 0	9 3	11 9	11 0	9 3	Nilgiris
151 10	151 10	151 10	19 2	18 0	16 13	13 5	13 5	9 8	Salem
116 6	116 6	109 5	15 8	15 8	12 2	14 11	14 11	11 3	South Canara
121 8	121 8	121 8	13 8	13 8	10 13	12 10	12 10	9 14	Malabar
58 3	62 6	61 7	14 6	14 6	12 9	12 9	12 9	12 9	Bombay
80 0	80 0	80 0	16 8	16 8	13 8	16 0	16 0	13 0	Ahmedabad
80 0	80 0	80 0	...	...	...	16 0	16 0	12 13	Kaira
80 0	80 0	80 0	13 9	13 9	10 11	13 9	13 9	10 11	Surat
106 0	106 0	106 0	12 13	15 4	12 12½	12 13	15 4	12 12	Broach
71 1	71 1	71 1	14 5	14 5	11 7	13 13	13 13	10 2	Tanna (Salsette)
120 0	120 0	110 0	13 0	13 0	11 0	12 0	11 0	10 8	Colába (Alibág)
140 0	140 0	140 0	14 2	14 2	11 2	14 0	14 0	11 0	Khandesh (Dhulia)
128 0	128 0	114 0	14 8	14 8	11 11	14 4	14 4	11 8	Násik
91 5	91 5	106 6	14 9	14 9	11 8	14 7	14 7	11 6	Ahmednagar
68 0	68 0	76 0	13 1	13 1	11 6	12 13	12 13	11 2	Poona
80 0	80 0	98 0	13 8	13 8	12 0	12 8	12 8	11 12	Sholápur
130 0	130 0	112 0	12 0	12 0	10 0	11 12	11 12	9 12	Kaládgi (Bagalkot)
116 8	116 8	116 8	12 6	12 6	10 3	11 10	11 10	9 7	Satara
75 0	75 0	65 0	13 8	13 8	10 0	13 0	13 0	9 0	Belgaum
80 0	80 0	80 0	9 8	9 2	8 0	9 0	9 0	8 0	Dharwar (Hubli)
213 5	213 5	213 5	11 8	11 8	8 0	10 8	10 8	7 0	Ratnágiri
200 0	200 0	200 0	...	...	...	15 4	15 4	11 6	Kanara (Karwar)
65 5	65 5	65 5	...	...	...	32 0	32 0	32 0	Panch Mahals (Godhra)
160 0	160 0	160 0	11 9	12 0	10 0	11 9	12 0	10 0	Aden
137 8	137 8	137 8	13 8	13 8	10 8	13 0	13 0	10 0	Asirgarh
73 5½	80 0	70 0	*16 6½	*16 6½	...	16 0	16 0	12 8	Baroda
70 0	70 0	70 0	55 0	55 0	45 0	48 0	48 0	...	Disa
160 0	160 0	160 0	17 13	17 13	14 3	17 0	17 0	14 0	Nimach
105 0	105 0	103 0	17 13	17 13	13 13	17 0	17 0	13 0	Nasirabad
480 0	480 0	320 0	14 0	14 0	12 0	14 0	14 0	12 0	Rájkot
260 0	300 0	270 0	13 8	13 10	11 2	13 0	13 2½	11 0	Upper Sindh Frontier
160 0	160 0	160 0	11 5	11 5	9 10	11 5	11 5	9 10	Karachi
			Prices per md. of 40 seers.						Haidarabad (Nakur)
			Rs. A. P.	Rs. A. P.	Rs. A. P.				Shikarpur
									Thar and Parkar (Umarkot)
									Western Districts.
120 0	120 0	100 0	2 15 0	2 15 0	...	13 8	13 8	10 0	Burdwan
240 0	240 0	320 0	3 1 0	3 2 0	...	13 0	12 8	9 0	Bancoorah
160 0	200 0	180 0	3 1 3	3 8 0	...	12 0	11 4	9 0	Beerbhoom
155 0	155 0	160 0	2 14 0	2 14 0	...	13 5	13 5	9 8	Midnapore
120 0	120 0	100 0	2 14 0	2 14 0	3 12 0	13 9	13 9	9 0	Hooghly
80 0	80 0	80 0	2 14 0	2 14 0	3 12 0	12 13	13 0	10 8	Howrah

* Sambhur salt. † In common use.

The interior retail prices of salt range from 11-8 to 13-8 seers.
The sub-divisional retail prices of salt are as follow :—Ghatial 14-12 seers, and Contai 11 seers.
The sub-divisional retail prices of salt are as follow :—Serampore 13 seers, and Jehanabad 13-8 seers.

SUPPLEMENT TO THE GAZETTE OF INDIA, OCTOBER 28, 1882.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT INDIA FOR THE 2nd HALF OF SEPTEMBER 1882—*continued.*

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

DISTRICTS.	Wheat			Barley.			Rice (best sort).			Rice (common).			Great Millet (Cholum, Jowar), *Holcus Sorghum.*			Bulrush Millet (Cumboo, Baira), *Penicillaria Spicata.*		
	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.
	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
Central Districts.																		
Calcutta	13 11	14 9	15 4	26 14	26 14	33 8	10 0	10 0	8 0	20 0	20 0	14 0	...	...	...	...	...	...
24-Pergunnahs	13 5[f]	13 5	13 5	20 0	20 0	26 8	10 8	10 0	9 0	17 8	17 8	18 0	...	...	16 0	...	...	13 5
Nuddea	14 4[g]	13 14	16 0	26 0	...	32 0	16 0	15 4	16 0	19 0	19 0	18 12	...	...	...	...	...	...
Khoolna	...[h]	...			...	...	16	16 0	...	22 0	22 0	...	...	...	...	...	...	...
Jessore	13 0[i]	13 0	13 8	...	...	...	16 0	17 0	20 0	21 4	25 8	29 0	...	...	...	...	...	...
Moorshedabad	16 0[j]	14 8	18 0		...		15 0	14 0	17 0	21 4	20 0	24 0	...	...	...	...	...	...
Dinagepore	13 4[k]	13 0	14 6	24 0	14 0	20 0	19 8	19 0	19 11	24 0	23 4	28 12	...	...	...	...	...	...
Rajshahye	13 8[l] to 14 4	13 8	15 0 to 18 12	32 0	32 0	45 0	13 8 to 16 0	13 4	16 8 to 18 12	18 8 to 24 0	19 11	26 4 to 30 0	...	...	...	...	...	...
Rungpore	16 0[m]	16 0	15 0		...		15 0	15 0	15 0	23 0	23 0	20 0	...	...	...	...	...	...
Bogra	18 12	18 12	19 14		...		18 0	15 12	22 8	27 3	26 4	30 0	...	...	...	...	...	...
Pubna	18 0[n]	17 4	19 0	...			10 0	10 0	12 0	24 0	26 4	27 0	...	...	...	...	...	...
Darjeeling	8 0[o]	11 0		8 0	10 0	8 0	5 0	5 0	5 0	12 0	12 0	10 0	...	...	...	...	...	...
Jalpaiguri	10 0[p]	10 0	9 8	20 0	20 0	...	14 0	14 0	12 4	20 0	20 0	18 0	...	...	...	...	...	...
Eastern Districts.																		
Dacca	13 5[q]	13 5	13 5	32 0	32 0	32 0	22 0	21 4	23 0	30 0	26 10	32 0	...	...	...	...	...	...
Furreedpore	20 0[r]	20 0	20 0	37 8	37 8	35 0	21 0	19 4	8 0	22 0	20 8	22 8	...	...	...	...	...	...
Backergunge	[s]			...	...	...	19 0	19 0	21 0	23 0	23 0	28 8	...	...	...	...	...	...
Mymensingh	11 8[t]	11 8	13 0	...	...	...	20 0	22 8	20 0	26 0	27 0	25 0	...	...	...	...	...	...
Tipperah	11 8[u]	11 8	13 0	...	...	...	21 5	19 8	22 8	31 8	26 10	34 8	...	...	...	...	...	...
Chittagong	9 0[v]	9 0	11 4	...	...	...	12 8	20 0	16 0	22 8	26 0	25 0	...	...	...	...	...	...
Noakholly	...[w]	...		...	...	...	22 0	24 0	21 0	26 0	26 0	25 0	...	...	...	...	...	...
Chittagong Hill Tracts	...	...	...	...	...	...	13 5	13 5	13 5	17 12	17 12	17 3	...	...	...	...	...	...
Hill Tipperah	10 0	11 0	10 0	...	...	...	21 0	20 0	22 0	28 0	27 0	29 0	...	...	...	...	...	...
Behar.																		
Patna	22 0	19 0	22 0	28 0	34 0	45 8	14 0	12 0	14 0	22 8	22 0	23 0	...	...	...	...	...	...
Gya	17 0	17 0	20 0	24 0	24 0	37 0	12 0	12 0	12 0	17 8	18 8	21 0	...	...	...	...	...	...
Shahabad	16 0[x] to 17 8	16 0 to 17 0	17 0 to 18 0	25 8	28 0	36 0	16 8 17 0 to 18 0		20 0	18 0 19 0 to 19 0 19 8		22 0 to 23 0	...	...	...	...	...	...
Durbhunga	14 0[y]	14 0	17 0	30 0	30 0	40 0	14 0	14 0	13 0	17 0	16 0	19 0	...	...	...	...	...	...
Mozufferpore	16 0[z]	18 0	20 0	30 0	30 0	35 0	12 0	12 0	11 0	17 0	17 0	19 0	...	...	...	...	...	...
Sarun	16 8[a1]	16 0	17 0	28 0	27 0	40 0	10 0	10 0	10 8	19 8	20 0	23 0	34 0	35 0	38 0	...	...	...
Chumparun	18 0[a2]	18 0	22 0	36 0	32 0	50 0	12 0	12 0	14 0	18 0	18 0	25 0	...	...	...	...	...	...
Monghyr	17 10[a3]	17 15	16 0	31 8	33 9	40 0	15 12	16 5	11 8	17 13	18 7	19 0	...	...	...	...	...	...
Bhagalpur	15 2[a4]	14 13	13 14	37 14	37 14	46 0	17 11	17 11	17 11	20 3	20 3	20 3	...	...	...	...	...	...
Purneah	14 0[a5]	14 0	16 0	...	...	40 0	20 0	20 0	20 0	24 0	22 0	32 0	...	...	...	...	...	...
Maldah	17 0	17 0	16 0	...	...	...	16 0	14 0	16 0	22 0	20 0	25 0	...	...	...	...	...	...
Sonthal Pergunnahs	13 0[a6]	13 0	12 0	...	...	...	16 0	16 0	22 0	22 0	22 0	26 0	...	...	...	...	...	...
Orissa.																		
Cuttack	14 7	14 7	17 1	...	...	...	15 12	15 12	15 12	26 4	26 4	21 0	...	...	...	...	...	...
Pooree	19 4[a7]	20 0	13 2	...	...	...	20 0	20 0	30 3	25 0	25 0	34 2	...	...	...	...	...	...
Balasore	14 0[a8]	14 0	12 12	...	...	...	15 0	20 0	22 13	28 0	32 0	32 0	...	...	...	...	...	...
Chota Nagpore—South Western Frontier Agency.																		
Hazaribagh	13 0[a9]	13 0	18 0	17 0	24 0	27 0	10 0	10 0	13 0	19 0	19 0	19 0	...	...	...	...	...	...
Lohardugga	14 0	14 0	17 0	20 0	20 0	...	20 0	20 0	18 0	22 0	22 0	22 0	...	...	...	...	...	...
Singbhoom	20 0	20 0	24 0	28 0	28 0	40 0	36 0	36 0	32 0	40 0	40 0	36 0	...	...	...	...	...	...
Manbhoom	12 0[a10]	12 0	13 0	...	...	...	18 0	18 0	22 0	28 0	30 0	33 0	...	...	...	...	...	...

DISTRICTS.	Lesser Millets, Ragi, &c. (Kavarn, Veragu, Sawee, Cheena, Coraloo, Murhwa, Nazeel, *Panicum Miliaceum*, &c.			Gram.			Firewood.			Salt.						DISTRICTS.
										Wholesale prices per maund of 40 seers.			Retail.			
	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	
	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. A. P.	Rs. A. P.	Rs. A. P.	S. Ch.	S. Ch.	S. Ch.	
Central Districts.																***Central Districts.***
Calcutta				22 10	22 10	23 12	90 0	90 0	90 0	2 10 0	2 10 0	...	14 9	14 9	10 0	Calcutta
24-Pergunnahs	...	...	20 0	17 8	20 0	21 12	100 0	100 0	90 0	2 14 0	2 13 0	4 8 0	13 14	14 4	9 0	24-Pergunnahs
Nuddea	...	...		18 12	21 5½	26 0	...	...	...	3 0 0	3 0 0	...	11 10½	11 10½	10 0	Nuddea
Khoolna	...	...		12 0	12 0	...	160 0	160 0	...	3 2 0	3 2 0	4 0 0	11 0	11 0	...	Khoolna
Jessore	...	...	...	18 0	18 0	20 0	120 0	120 0	110 0	3 0 0	3 0 0	4 4 0	11 8	11 8	8 0	Jessore
Moorshedabad	...	...		22 14	23 0	32 0	120 0	120 0	120 0	3 0 0	3 2 0	...	12 0	12 0	9 0 to 10 0	Moorshedabad
Dinagepore	...	...		14 0	16 0	16 4	160 0	160 0	180 0	3 3 6	3 4 0	...	12 0	12 0	8 12	Dinagepore
Rajshahye	...	...	...	21 0 to 22 8	20 13	24 0 to 25 0	240 0	240 0	240 0	3 2 0	3 2 0	...	12 12	12 12	9 6	Rajshahye
Rungpore	...	...	...	15 0	15 0	12 0	130 0	120 0	120 0	3 5 3	3 5 3	...	11 8	11 8	8 12	Rungpore
Bogra	...	...	...	17 1	15 12	19 14	48 12	67 8	67 8	3 5 4	3 5 4	...	12 0	12 0	9 0	Bogra
Pubna	...	...	...	19 0	20 0	20 0	200 0	200 0	200 0	3 1 0	3 1 6	4 1 0	12 0	12 12	9 12	Pubna
Darjeeling	8 0	9 0	9 0	9 0	10 0	9 0	160 0	160 0	160 0	4 8 0	4 8 0	...	8 0	8 0	5 0	Darjeeling
Jalpaiguri	...	...	...	16 0	16 0	13 5	128 0	128 0	64 0	3 4 0	3 4 0	...	11 0	11 0	9 0	Jalpaiguri
Eastern Districts.																***Eastern Districts.***
Dacca	...	...	...	20 0	20 0	24 8	106 8	106 8	120 0	2 14 0	3 0 0	4 0 0	13 5	12 12	10 0	Dacca
Furreedpore	...	...	...	12 0	12 0	16 0	120 0	120 0		3 2 0	3 2 0	...	12 0	12 0	9 8	Furreedpore
Backergunge	...	...	...	18 0	18 0	20 0	100 0	100 0	100 0	2 15 0	2 15 0	...	13 0	13 0	8 8	Backergunge
Mymensingh	...	...	...	17 0	17 0	20 0	...	...	...	3 3 0	3 4 0	...	12 8	12 4	9 4	Mymensingh
Tipperah	...	...	...	18 0	18 0	18 0	...	...	...	3 2 0	3 2 0	...	12 8	12 0	9 8	Tipperah
Chittagong	...	...	...	16 0	16 0	17 0	80 0	80 0	80 0	3 2 0	3 2 0	...	13 0	13 0	10 0	Chittagong
Noakholly	...	...	...	16 0	16 0	15 0	...	...	...	3 2 0	3 2 0	...	10 0	10 0	8 0	Noakholly
Chittagong Hill Tracts	...	...	...	...	...	...	320 0	320 0	320 0	3 4 0	3 4 0	...	10 9	10 9	8 0	Chittagong Hill Tracts
Hill Tipperah	...	...	..	14 0	14 0	9 0	...	...	..	3 4 0	3 4 0	...	10 0	10 0	8 0	Hill Tipperah
Behar.																***Behar.***
Patna	...	...	...	28 0	30 0	37 8	130 0	130 0	120 0	3 0 0	3 0 0	...	10 8	10 8	...	Patna
Gya	...	...	...	22 0	23 0	33 0	180 0	180 0	160 0	3 5 0	3 5 0	...	11 8	11 8	9 0	Gya
Shahabad	27 8	28 0	..	29 0	28 0 to 29 0	32 0	120 0	120 0	120 0	3 1 0	3 1 0	...	12 8	12 8	9 8	Shahabad
Durbhunga	42 8	42 0	40 0	23 0	22 0	30 0	160 0	160 0	160 0	3 10 0	3 10 0	...	11 0	11 0	8 12	Durbhunga
Mozufferpore	...	...	...	25 0	27 0	35 8	140 0	140 0	140 0	3 4 0	3 4 0	...	12 0	12 0	9 0	Mozufferpore
Sarun	33 0	34 0	33 0	27 0	28 0	32 0	160 0	160 0	160 0	3 4 0	3 4 0	...	11 0	11 0	9 0	Sarun
Chumparun	...	...	...	25 0	26 0	36 0	...	...	...	3 6 0	3 5 0	...	11 8	11 0	8 8	Chumparun
Monghyr	...	...	...	29 7	27 14	32 0	126 0	120 0	126 0	3 1 0	3 1 0	...	12 10	12 13	8 8	Monghyr
Bhagalpur	...	...	...	26 8	26 8	32 13	151 8	138 4	126 4	2 14 6	2 15 6	...	12 10	12 10	9 7	Bhagalpur
Purneah	...	...	...	21 0	22 0	23 0	160 0	160 0	120 0	3 12 0	3 12 0	...	10 12	10 12	8 0	Purneah
Maldah	...	...	...	21 0	18 0	20 0	200 0	200 0	160 0	3 3 0	3 4 0	...	12 0	12 4	9 0	Maldah
Sonthal Pergunnahs	...	...	...	19 0	19 0	24 0	200 0	200 0	200 0	3 4 0	3 7 0	...	11 4	11 4	8 0	Sonthal Pergunnahs
Orissa.																***Orissa.***
Cuttack	13 2	13 2	13 2	21 0	21 0	23 10	160 0	160 0	160 0	2 12 0	2 12 0	3 6 0	14 0	14 0	11 0	Cuttack
Pooree	...	...	...	15 0	16 0	17 1	120 0	120 0	100 0	2 12 0	2 12 0	...	13 4	13 4	10 8	Pooree
Balasore	...	...	...	16 0	16 0	16 0	120 0	120 0	128 0	3 2 0	3 2 0	3 12 0	12 12	12 14	9 3	Balasore
Chota Nagpore—South Western Frontier Agency.																***Chota Nagpore—South Western Frontier Agency.***
Hazaribagh	42 0	36 0	51 0	18 0	18 0	26 0	240 0	240 0	240 0	3 8 0	3 7 0	...	11 0	11 0	8 0	Hazaribagh
Lohardugga	30 0	32 0	40 0	15 0	15 0	17 0	120 0	120 0	140 0	4 2 0	4 2 0	...	9 0	9 0	7 0	Lohardugga
Singbhoom	...	...	...	24 0	24 0	21 0	180 0	180 0	160 0	4 0 0	4 5 0	...	8 12	8 0	6 0	Singbhoom
Manbhoom	...	...	64 0	18 0	18 0	22 0	120 0	120 0	160 0	3 12 0	3 12 0	...	10 12	10 12	8 8	Manbhoom

[f] In the sub-divisions retail prices of salt are as follow:—Baraset and Bassirhat 13 seers, Diamond Harbour and Barripore 10-8 seers, Barrackpore 12-12 seers, and Dum-Dum 12 seers.
[g] In the sub-divisions retail prices of salt are as follow:—Koositea and Bongong 15 seers, Meherpore 10-4 seers, Chooadanga 12 seers, and Ranaghat 12-14 seers.
[h] In the sub-divisions retail prices of salt are as follow: Bagherat 11 seers and Satkhira 10-10 seers.
[i] In the sub-divisions retail price of salt is 12 seers per rupee.
[j] In the sub-divisions retail prices of salt are as follow:—Lalbagh 11 seers, and Jungipore and Kandi 11-8 seers.
[k] In the sub-divisions retail prices of salt are as follow:—Balugunge 11-8 seers and Nitpore 12 seers.
[l] In Nattore retail price of salt is 12 seers per rupee.
[m] In the sub-divisions retail prices of salt are as follow:—Kurigram 10 seers, Gaibanda 11 seers, and Nilphamari 12 seers.
[n] In Balurghat retail price of salt is 13-8 seers per rupee.
[o] In the sub-divisions retail prices of salt are as follow:—Kurseong 8 seers and Silliguri 10 seers.
[p] Retail price of salt at Falmcotta in Alipore sub-division is 10-8 seers per rupee.
[q] In the sub-divisions retail prices of salt are as follow:—Manickgunge 12 seers, Moonsheegunge 10 seers 5½ chittacks, and Naraingunge 13 seers.
[r] In the sub-divisions retail prices of salt are as follow:—Goalundo 10 seers, Madaripore 13 seers, and Bhauga 12 seers.
[s] In the sub-divisions retail prices of salt are as follow:—Patuakhali 10-5 seers, Perozepore 11 seers, and Bhola 10 seers.
[t] In the sub-divisions retail prices of salt are as follow:—Kishoregunge 10-10 seers, Attea 12 seers, Jamalpore 11 seers, and Netrokona 12-5 seers.
[u] In the sub-divisions retail prices of salt are as follow:—Brahmanberiah 12-5 seers and Chandpore 12 seers.
[v] Retail price of salt at Kamerriah 10 seers, Hathazaree 11 seers, and Cox's Bazar 12 seers.
[w] In the interior retail prices of salt range from 8 to 12-4 seers.
[x] In the sub-divisions retail prices of salt are as follow:—Buxar 11-8 seers, Sasseram 11-12 seers, and Bhabuah 10-12 seers.
[y] In the sub-divisions retail prices of salt are as follow:—Madhubani 12 seers and Tajpore 11 seers.
[z] In the interior retail prices of salt range from 10 to 13 seers.
[a1] In the interior retail prices of salt are as follow:—Sewan 12 seers and Gopalgunge 12 seers.
[a2] In the sub-divisions retail prices of salt range from 10 to 12-12 seers.
[a3] In the interior retail prices of salt are as follow:—Begusarai 12 seers and Jamui 12-5 seers.
[a4] In the sub-divisions retail prices of salt are as follow:—Banka and Muddenpoora 11 seers and Soopole 10 seers.
[a5] In the sub-divisions retail prices of salt at Kuriba in sudder sub-division 12 seers, at Kissengunge in Kissengunge sub-division 10 seers, and at Ranigunge in Arrareah sub-division 10 seers.
[a6] Retail price of salt at Deogurh 12 seers and Godda 11 seers.
[a7] In the sub-divisions retail prices of salt are as follow:—Deogurh 12 seers and Godda 11 seers.
[a8] In the sub-divisions retail price of salt is 13 seers per rupee.
[a9] In Khurda retail price of salt is 10-8 seers per rupee.
[a10] In Bhadrak retail price of salt is 10-8 seers per rupee.
[a11] Retail price of salt at Chatra 10 seers and at Lohardruckdiha 12 seers.
[a12] Retail price of salt at Raghunathpore and Govindpore 12 seers, and at Burrabazar and Jhalda 10 seers.

SUPPLEMENT TO THE GAZETTE OF INDIA, OCTOBER 28, 1882.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT INDIA FOR THE 2nd HALF OF SEPTEMBER 1882—*continued.*

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

Districts	Wheat: Present fortnight	Wheat: Past fortnight	Wheat: Corresponding fortnight of 1881	Barley: Present fortnight	Barley: Past fortnight	Barley: Corresponding fortnight of 1881	Rice (best sort): Present fortnight	Rice (best sort): Past fortnight	Rice (best sort): Corresponding fortnight of 1881	Rice (common): Present fortnight	Rice (common): Past fortnight	Rice (common): Corresponding fortnight of 1881	Great Millet (Cholum, Jowari, *Holcus Sorghum*): Present fortnight	Great Millet: Past fortnight	Great Millet: Corresponding fortnight of 1881	Bulrush Millet (Cumboo, Bajra, *Penicillaria Spicata*): Present fortnight	Bulrush Millet: Past fortnight	Bulrush Millet: Corresponding fortnight of 1881	Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Coraloo, Murhwa, Nuglee), *Panicum Miliaceum, &c.*: Present fortnight	Lesser Millets: Past fortnight	Lesser Millets: Corresponding fortnight of 1881	Gram: Present fortnight	Gram: Past fortnight	Gram: Corresponding fortnight of 1881	Firewood: Present fortnight	Firewood: Past fortnight	Firewood: Corresponding fortnight of 1881	Salt, Wholesale: Present fortnight	Salt, Wholesale: Past fortnight	Salt, Wholesale: Corresponding fortnight of 1881	Salt, Retail: Present fortnight	Salt, Retail: Past fortnight	Salt, Retail: Corresponding fortnight of 1881
	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. A. per maund.	Rs. A.	Rs. A.	S. Ch.	S. Ch.	S. Ch.
Sylhet	10 8	10 8	13 0	...	...	...	14 0	14 0	16 0	31 8	31 8	35 0	...	...	...	...	...	...	...	...	...	16 0	15 0	19 0	108 0	108 0	108 0	3 2	3 2	...	12 12	12 12	9 12
Cachar	9 6	9 6	11 6	16 0	16 0	20 0	20 0	20 0	19 0	24 10	26 10	21 5	...	...	...	...	...	...	...	...	...	16 13	16 13	17 12	80 0	80 0	80 0	3 4	3 4	...	11 13	11 10	9 2
Goálpárá	22 0	22 0	26 0	...	...	...	13 0	13 0	13 0	22 0	22 0	20 0	...	...	...	..	...	...	...	...	...	14 0	14 0	11 0	120 0	120 0	120 0	3 4	3 4	...	12 0	12 0	9 0
Gáro Hills	4 0	4 0	4 0	...	...	...	5 0	5 0	5 0	18 0	18 0	20 0	...	...	...	...	...	...	...	...	...	8 0	8 0	6 8	160 0	160 0	160 0	5 6	5 6	...	6 6	6 6	5 5
Kámrúp	20 0	20 0	10 0*	...	...	...	13 0	13 0	14 0	18 0	18 0	17 0	...	...	...	...	...	...	...	...	...	13 0	13 0	17 0	160 0	160 0	200 0	3 6	3 5	...	11 8	12 0	8 0
Darrang	...	...	...	...	...	...	10 0	8 0	9 0	12 0	16 0	16 0	...	...	...	...	...	...	...	...	...	8 12	8 10	7 3	160 0	160 0	160 0	4 8	4 8	...	8 0	8 0	7 0
Nowgong	...	...	...	...	...	...	13 8	13 8	11 8	16 0	16 0	16 0	...	...	...	...	...	...	...	...	...	8 0	8 0	8 0	100 0	80 0	100 0	3 12	3 12	...	9 0	9 0	8 0
Sibságar	...	...	...	...	...	...	6 8	6 8	7 0	16 0	16 0	14 0	...	...	...	...	...	...	...	...	...	10 0	10 0	8 0	80 0	80 0	120 0	4 8	4 8	...	8 8	8 8	7 0
Lakhimpur	8 0	8 0	...	10 0	10 0	...	8 0	8 0	...	16 0	16 0	...	...	...	...	..	...	...	...	...	...	10 0	10 0	...	200 0	200 0	...	5 0	5 0	...	8 0	8 0	...
Khásí & Jaintiá Hills	8 0	8 0	...	...	...	...	10 0	10 0	6 8	11 0	11 0	8 0	..	...	...	...	...	...	...	...	...	10 0	10 0	...	...	...	...	5 0	5 0	...	8 0	8 0	5 5
Nága Hills	...	...	...	...	...	...	6 0	6 0	4 0	8 0	8 0	...	...	...	...	...	...	...	...	...	...	2 0	2 0	2 0	120 0	120 0	120 0	13 0	13 0	...	3 0	3 0	2 8
																												S. Ch.	S. Ch.	S. Ch.			
Dehra Dún	18 8	17 8	19 0	28 0	28 0	30 0	11 0	10 13	10 0	12 0	12 0	12 0	24 0	24 0	20 0	22 0	22 0	16 0	...	...	...	21 0	18 15	19 0	160 0	160 0	160 0	10 8	11 0	9 8	10 0	10 8	9 0
Sahárunpur	20 0	20 7	21 0	31 3	31 3	37 12	9 11	9 11	8 0	12 14½	12 14½	12 13½	32 4	32 4	30 3	23 10½	23 10½	25 1	...	...	...	24 11½	24 11½	23 2	129 0	129 0	150 8	12 1	12 1	10 3	11 13	11 13	9 11
Muzaffarnagar	19 12	19 12	19 4	28 11	28 11	35 5	6 9	6 9	6 9	14 5	14 5	13 4	23 0	28 11	26 6	24 6	24 6	22 0	...	...	...	24 14	24 14	23 2	132 0	132 0	132 0	11 13	11 13	9 14	11 4	11 4	...
Meerut	19 8	19 0	20 0	27 0	27 0	29 0	6 0	6 0	5 8	15 0	15 0	13 0	27 0	27 0	25 0	21 0	21 0	20 0	...	...	...	24 0	23 12	21 12	110 0	110 0	110 0	12 0	12 0	10 0	11 8	11 8	9 8
Bulandshahr	19 10	19 8	20 12	25 8	26 0	31 8	6 0	6 0	6 0	10 5	10 5	10 5	24 0	24 0	24 0	20 0	20 0	19 0	...	...	...	23 0	23 0	23 0	150 0	140 0	110 0	11 12	11 8	10 4	...	...	...
Aligarh	18 8	18 4	18 4	24 0	24 0	25 0	6 8	6 0	6 0	13 0	11 0	14 8	25 0	24 0	20 0	23 8	20 0	20 0	...	...	...	22 8	22 0	20 0	130 0	130 0	120 0	12 8	12 0	...	11 8	11 8	...
Kumaun	17 0	17 0	18 0	18 0	18 0	20 0	10 0	10 0	10 0	14 0	14 0	14 8	...	...	...	...	...	...	...	...	...	12 0	12 0	13 0	200 0	200 0	200 0	8 0	8 0	7 0	7 0	7 0	7 0
Garhwál	24 0	24 0	20 0	27 0	30 0	22 0	9 0	9 0	6 8	17 0	17 8	13 4	...	...	...	...†	...†	...	...	...	...	9 0	9 0	9 0	280 0	320 0	280 0	7 8	7 8	7 8	6 14	6 14	6 14
Bijnor	17 14	17 7	20 13	25 14	27 0	29 13	11 8	11 4	11 4	12 15	12 6	12 6	21 6	21 6	15 12	19 2	19 2	16 1	...	...	...	21 6	20 13	23 10	135 0	135 0	135 0	...	...	...	11 4	11 0	9 4
Moradabad	19 11	19 6	20 15	23 2	23 12	30 0	9 6	9 6	8 2	13 2	13 2	15 0	26 4	25 0	26 4	18 2	18 2	23 1	...	...	...	21 14	21 4	19 6	137 8	137 8	125 0	12 12	12 12	...	11 14	11 14	10 15
Budaun	18 0	18 2	19 15	23 1	23 6	27 9½	9 9½	9 9½	6 0	13 0	16 0	16 12½	...	...	...	...	...	...	...	...	...	19 8	19 12½	21 9½	192 0	192 0	192 0	10 12½	10 12½	9 9½	10 7½	10 7½	10 10
Bareilly	17 3	17 3	18 2	21 4	22 8	28 2	8 2	8 2	7 8	14 6	13 12	15 0	25 0	24 6	25 0	21 4	21 4	20 1	...	...	...	20 10	20 0	19 6	125 0	125 0	125 0	11 14	11 14	...	11 4	11 4	10 0
Sháhjáhánpur	19 2	19 0	21 8	25 0	24 12	30 12	9 4	9 4	8 8	19 12	17 0	18 8	...	...	...	...	...	...	...	...	...	21 12	21 8	21 8	160 0	160 0	160 0	12 8	12 4	11 0	10 12	10 12	9 0
Tarái Pergunnahs	22 0	21 0½	23 0¾	32 0	35 0	35 0	10 0	10 0	10 0	15 0	15 0	15 0	25 0	25 0	35 0	25 0	25 0	25	...	...	...	18 0	17 8	16 4	120 0	120 0	120 0	12 0	11 4	...	11 8	11 0	11 0
Muttra	17 8	17 8	18 4	24 0	24 0	24 0	...	...	8 0	14 0	14 0	14 8	24 0	24 0	22 0	23 0	22 0	20 0	...	...	...	24 8	24 8	18 8	110 0	110 0	140 0	14 0	14 8	...	12 8	12 8	11 0
Agra	17 8	17 4	17 12	25 0	25 0	23 0	6 0	6 0	6 0	14 0	14 0	13 8	26 0	26 0	20 0	25 0	23 0	19 0	...	...	...	25 0	24 8	20 8	100 0	100 0	100 0	12 8	12 8	11 0	12 0	12 0	10 8
Farukhabad	17 8	17 10	18 9½	22 3½	22 5½	26 12	6 13	6 13	6 2	13 6½	13 2½	14 5	24 8	23 1	22 5½	22 12	21* 12	22 18	...	...	...	21 15½	22 2	21 5½	156 8	156 8	156 12	11 14½	12 4	9 11	10 14	11 9	9 11
Mainpuri	18 8	19 0	16 8	24 0	25 0	22 0	5 0	5 0	4 8	11 0	11 0	12 0	...	...	...	...	...	...	...	...	...	24 0	24 8	17 4	160 0	160 0	160 0	12 0	12 0	...	11 0	11 0	9 0
Etáwah	19 0	18 8	16 12	25 8	23 0	22 8	6 0	6 0	6 0	14 8	14 8	14 8	25 8	25 0	20 0	23 8	20 0	18 8	...	...	...	26 0	25 0	20 0	100 0	100 0	120 0	10 8	10 8	10 8	10 0	10 0	10 0
Etah	19 0	20 0	18 0	25 3	25 0	23 0	7 11	10 0	6 0	13 0	...	13 0	22 0	...	...	20 0	16 0	18 0	...	...	...	22 0	13 8	18 8	160 0	140 0	140 0	10 8	11 8	11 0	12 0	...	...
Jalaun	17 (	18 0	20 0	20 0	20 0	20 0	10 0	10 0	8 0	11 0	12 0	12 0	28 0	28 0	24 0	22 0	22 0	20 0	...	...	...	30 0	29 0	23 0	140 0	140 0	120 0	12 0	12 0	...	11 0	11 0	9 8
Jhánsi	21 3	21 5	23 10½	31 15	33 2½	28 0	8 0	8 0	8 0	15 0	15 0	14 0	28 0	28 0	26 4	...	...	19 6	...	...	...	28 0¼	27 14¼	25 12½	200 0	200 0	200 0	12 8	12 6½	9 8	11 8	11 6½	9 0
Lalitpur	20 8	21 0	29 8	37 0	37 0	35 0	11 0	11 0	10 0	13 0	13 0	12 0	32 0	32 0	42 8	26 0	26 0	26 0	...	...	...	30 0	33 0	45 0	160 0	140 0	160 0	11 0	11 0	...	11 0	10 10	8 12
Cawnpore	19 0	18 8	19 4	27 8	26 8	27 0	11 0	11 0	10 8	14 8	14 0	16 0	28 0	27 0	29 0	25 0	25 0	27 0	...	...	...	25 8	25 8	23 0	140 0	140 0	130 0	12 12	13 0	...	12 8	12 0	10 8
Fatehpur	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	No return received		
Bánda	17 8	18 0	20 0	21 0	21 4	20 0	8 0	9 0	10 0	14 0	14 8	13 8	34 0	33 0	21 0	30 0	30 0	21 0	...	...	...	33 0	34 0	25 0	160 0	160 0	180 0	12 8	12 8	...	12 0	12 0	9 8
Allahabad	17 8	17 8	17 12	25 4	25 8	25 8	12 0	12 0	11 0	16 0	17 0	17 0	32 8	32 0	27 8	31 0	30 0	26 0	...	...	...	25 2	25 0	23 10	150 0	180 0	160 0	12 0	12 0	...	11 0	11 0	...
Hamírpur	16 14	16 0	15 12	18 0	...	19 2	11 4	10 0	11 4	...	...	15 12	29 8	27 0	20 4	27 0	25 0	28 1	...	...	...	29 13	29 0	19 4	140 0	140 0	140 0	11 12	11 0	9 9	11 0	10 0	...
Jaunpur	18 5	19 0	21 3	28 15	30 5	32 7	7 1	7 1	7 12	15 8	15 8	15 5	...	...	...	19 12	19 12	16 15	...	...	...	24 0	24 0	29 10	120 0	120 0	141 4	9 11	9 11	...	9 9	9 9	8 15
Gorakhpur	18 14½	18 13	22 8	27 0	27 0	46 12¾	14 6½	13 8	15 5	19 13	18 0	23 6½	36 0	36 0	43 3	...	...	...	...	...	...	25 3	25 3	37 13	160 0	160 0	120 0	11 13	11 13	...	10 6½	10 6½	8 6½
Basti	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	No return received		
Azamgarh	16 4	17 15	20 10	24 6	27 5	36 14	11 9	11 9	8 14	17 11	17 11	17 7	...	...	42 1	...	...	...	...	...	...	22 14	22 14	29 8	181 0	181 0	147 8	10 8	10 8	7 14	10 0	10 0	9 3
Mirzapur	15 0	15 0	18 0	21 0	21 0	26 0	10 0	10 0	10 0	16 0	15 0	18 0	26 0	26 0	26 0	24 0	24 0	25 0	...	...	...	21 0	21 0	22 0	100 0	100 0	100 0	10 0	10 0	9 0	9 0	9 0	8 0
Benares	15 11¼	16 8	17 14	24 6	25 8	27 10½	11 6	11 6	12 12	15 11½	16 4	21 2	26 0	26 0	24 15	24 15	27 2	29 4	...	...	...	21 2	21 11	23 14	120 0	140 0	120 0	11 4	11 4	...	10 2	10 2	8 2½
Gházipur	18 0	17 6	19 10	27 11	27 11	38 10	10 15½	10 15½	10 15	16 1½	16 1½	17 6	25 12	25 12	36 5	21 14	21 14	31 8	...	...	...	25 12	25 12	28 15	130 0	130 0	154 8	11 0	11 0	10 0	9 10½	9 10½	8 11
Balia	16 4	16 4	19 7	27 8	27 8	37 8	10 0	10 0	10 0	15 0	15 0	21 4	...	...	...	...	...	...	...	...	...	25 0	25 0	32 8	100 0	100 0	125 0	11 4	11 4	9 6½	11 4	11 4	...
Pilibhít	18 12	18 13	22 0	27 8	28 0	37 8	16 1	15 0	15 0	18 4	17 9	17 8	32 0	25 0	...	...	...	...	...	...	...	19 1	18 12	22 10	150 0	150 0	150 0	12 8	12 12	12 12	11 8	11 12	12 0
Lucknow	17 13	17 4½	18 8	25 3	24 8	27 5½	6 0	6 0	6 0	15 8	14 11	17 4	24 8	23 8	25 0	24 0	28 14	25	...	...	...	21 9	21 6	20 12	110 0	110 0	130 0	10 8	10 8	9 0	10 0	10 0	8 8
Unáo	18 0	18 8	18 8	27 0	26 0	24 8	11 0	10 0	10 0	15 0	14 8	16 0	36 0	50 0	32 0	24 0	...	22	...	...	...	23 0	23 0	19 8	160 0	160 0	160 0	...	...	...	11 8	11 8	9 0
Bára Banki	18 0	17 8	18 12	24 0	25 0	28 0	11 0	11 0	9 0	16 0	15 0	20 0	36 0	30 0	40 0	20 0	20 0	20	...	...	...	22 8	22 0	25 0	130 0	130 0	150 0	12 0	12 0	12 0	10 0	10 0	9 0
Sitapur	19 9½	19 4	22 15	26 9½	27 0	30 0	8 0	8 0	8 0	18 12	18 2	21 1	...	...	21 0	20 0	20 0	25	...	...	...	21 6	21 0	25 12	160 0	160 0	160 0	11 8	11 8	...	10 8	10 8	10 0
Hardui	17 1	16 14	20 5	24 6	23 15	33 12	5 10	5 10	5 10	11 0	11 0	13 2	...	21 9	...	...	22 8	...	...	...	...	18 12	18 12	23 7	200 0	200 0	240 0	9 6	9 6	8 7	7 8	7 8	8 8
Kheri	19 0	19 0	24 0	25 0	25 0	34 0	8 0	8 0	9 0	20 0	16 8	18 8	...	28 0	...	...	...	...	...	...	...	18 0	19 0	25 0	160 0	160 0	200 0	11 0	11 0	10 0	10 0	10 0	8 8
Fyzabad	16 14	17 6	19 0	27 4	27 8	30 0	11 0	11 0	10 8	18 12	18 0	15 0	40 0	40 0	34 0	...	...	...	...	...	...	23 4	24 0	25 0	140 0	140 0	120 0	11 0	11 0	8 8	10 0	10 0	8 12
Bharaich	16 0	16 0	19 0	30 0	30 0	38 0	9 0	9 0	9 0	17 0	17 0	16 0	36 0	34 0	50 0	13 0	13 0	16	...	...	...	24 0	25 0	25 0	160 0	160 0	160 0	...	...	...	9 8	9 8	8 4
Gonda	20 4	19 12	22 10	28 0	29 8	42 0	16 4	16 0	17 0	18 12	18 2	19 8	40 0	36 0	62 0	24 0	24 0	32	...	...	...	26 12	27 2	27 14	240 0	240 0	200 0	11 4	11 4	...	11 0	11 0	9 0
Rai Bareli	19 0	19 8	19 2	26 0	26 0	21 0	...	...	...	16 8	16 8	18 8	25 0	24 0	...	20 0	20 0	...	...	...	...	19 12	20 4	18 8	160 0	160 0	160 0	...	...	...	9 0	9 0	8 0
Sultánpur	20 0	19 8	20 12	31 0	31 0	30 0	11 0	11 0	10 0	20 0	17 8	16 8	...	...	...	20 0	16 0	15	...	...	...	26 8	25 0	23 0	160 0	160 0	160 0	11 8	11 8	9 12	11 4	11 4	9 0
Partábgarh	19 4	19 1	20 14	28 12	29 13	31 2	18 4	16 7	18 10	19 12	17 15	21 10	...	...	...	28 0	28 0	...	...	...	...	21 4	21 13	21 2	200 0	200 0	200 0	11 0	11 0	11 0	10 4	10 10	8 8
Delhi, Gurgáon, Karnál, Hissar, Rohtak, Sirsa, Umballa, Ludhiána, Simla, Jullundur, Hoshiarpur, Kangra	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	No return received			

* [illegible] return were wrong, and should have been 10.

† Mandwa: Present 30 seers, past 33 seers, [illegible]

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT

QUANTITIES PER RUPE

DISTRICTS.	Wheat.			Barley.			Rice (best sort).			Rice (common).			Great Millet (Cholum, Jowar), *Holcus Sorgum.*			Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.*		
	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.
	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
[illegible]ritsar	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
[illegible]lkot																		
[illegible]dáspur																		
[illegible]ore [a]																		
[illegible]zepore [b]																		
[illegible]dránwála																		
[illegible]lpindi [c]																		
[illegible]lum																		
[illegible]t																		
[illegible]pur																		
[illegible]tan																		
[illegible]ng [d]																		
[illegible]tgomery																		
[illegible]ffargarh																		
[illegible]Ismail Khán																		
[illegible]Ghází Khán																		
[illegible] [e]																		
[illegible]																		
[illegible] [f]																		
[illegible]	18 12	18 4	20 0	...	...	...	9 8	9 8	9 4	16 0	16 0	14 4	26 12	26 12	29 4	...	...	...
[illegible]	18 12	18 4	20 0	...	...	...	10 0	10 8	10 0	21 4	21 4	17 0	38 0	22 8	24 0	...	...	...
[illegible]	18 8	19 0	20 8	...	...	...	...	...	...	13 0	13 0	15 0	24 0	24 0	31 0	...	...	...
[illegible]	16 8	18 8	20 4	...	...	...	8 12	8 12	8 12	14 12	14 12	11 12	23 0	23 0	30 0	...	...	...
[illegible]	17 0	17 0	25 0	...	...	...	15 0	15 0	15 0	28 0	27 0	27 0	...	...	...	...	...	...
[illegible]lpore	17 0	16 0	18 8	20 0	21 0	18 0	10 0	10 0	9 8	14 0	13 0	14 0	17 0	16 0	27 0	15 8	15 0	19 0
[illegible]or	18 8	18 8	34 8	...	...	...	8 0	8 0	8 0	9 0	9 0	9 0	...	...	...	...	...	...
[illegible]h	22 0	22 8	49 0	...	...	...	14 8	14 8	12 12	15 0	15 0	13 12	...	...	...	...	...	...
[illegible]	18 0	19 0	23 8	...	...	...	13 8	13 8	12 8	19 0	19 0	19 8	...	...	...	...	...	...
[illegible]	19 0	19 0	33 0	...	...	...	15 0	14 0	18 0	18 8	19 8	23 0	...	...	...	...	...	...
[illegible]	16 0	16 0	28 0	...	...	...	9 0	9 0	13 0	10 0	10 0	14 0	20 0	20 0	40 0	...	...	...
[illegible]wára	17 0	17 0	27 0	...	...	...	9 0	8 0	9 0	13 0	13 0	15 0	23 0	22 0	40 0	...	...	...
[illegible]gabad	15 7	15 7	17 8	...	...	...	4 8	4 8	4 4	11 4	11 4	9 8	27 4	28 10	27 8	27 4	23 10	17 8
[illegible]pur	16 0	15 8	18 12	...	...	...	10 0	10 0	10 0	13 0	12 8	11 0	...	...	...	...	...	...
[illegible]	16 0	16 0	16 0	...	...	...	...	...	...	12 0	12 0	11 8	30 0	30 0	45 0	25 0	25 0	31 8
[illegible]	28 0	27 0	34 0	...	...	...	20 0	20 0	22 0	40 0	40 0	42 0	...	...	...	...	...	...
[illegible]pur	22 12	22 12	26 0	...	...	...	35 0	35 0	34 0	44 0	44 0	49 0	...	...	...	...	...	...
[illegible]	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
[illegible]kan Division.																		
[illegible] Arakan																		
[illegible]oon																		
[illegible]																		
[illegible] Pegu Division.																		
[illegible] town and Han-																		
[illegible]thawaddy																		
[illegible]tharrawaddy																		
[illegible]me																		
[illegible]rrawaddy Division.																		
[illegible]nzada	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
[illegible]ein																		
[illegible]ngwa																		
[illegible]etnuyo																		
[illegible]nasserim Division.																		
[illegible]ein town and																		
[illegible]mherst																		
[illegible]																		
[illegible]i																		
[illegible]ngoo																		
[illegible]wgyin																		
[illegible]ween																		
[illegible]erabad	17 12	17 12	15 15	...	...	...	7 14	7 14	7 8	9 13	9 13	9 13	25 14	25 14	24 14	...	...	...
[illegible]	19 7	19 7	17 6	...	...	...	7 6	7 6	8 8	9 8	9 8	9 0	27 0	28 0	27 0	83 0	83 0	83 0
[illegible]ket	13 8	14 0	11 6	...	...	...	7 0	7 0	6 8	9 8	9 8	9 0	27 0	28 0	27 0	83 0	83 0	83 0
[illegible]	17 0	16 0	17 8	11 0	11 0	9 8	8 0	8 0	7 0	10 0	10 0	8 0	28 0	28 0	43 0	18 0	18 0	18 0
[illegible]	16 0	17 0	16 0	...	...	...	8 0	10 0	8 0	10 0	7 0	10 0	26 0	30 0	46 0	26 0	16 0	16 0
[illegible]	16 0	15 0	17 0	12 0	12 0	12 0	8 0	8 0	6 0	12 0	12 0	8 0	30 0	23 0	34 0	25 0	22 0	22 0
[illegible]	17 0	17 0	20 0	...	...	...	...	...	...	11 0	11 0	11 0	32 0	32 0	54 0	28 0	23 0	23 0
[illegible]	13 0	14 0	17 0	...	...	...	7 0	7 0	7 0	10 8	10 8	10 0	28 0	28 0	36 0	...	...	...
[illegible]	32 0	30 0	31 0	...	...	...	5 4	5 0	5 0	13 0	13 8	13 0	32 0	34 0	48 0	...	...	...

[a] Firewood falling. [b] Jowar rising.

A FOR THE 2nd HALF OF SEPTEMBER 1882—*continued.*

ARTS OF 80 TOLAHS.

DISTRICTS.	Millets, Ragi, (Kavaro, Verago, Cheena, Coraloo, Rági, Nagnee), *Panicum Miliaceum*, &c.		Gram.			Firewood.			Salt.						DISTRICTS.
									Wholesale.			Retail.			
	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	
	Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	
[illegible]															Amritsar
[illegible]															Siálkot
[illegible]															Gurdáspur
[illegible]															Lahore
[illegible]															Ferozepore
[illegible]															Gujránwála
[illegible]															Ráwalpindi
[illegible]															Jhelum
[illegible]															Gujrát
[illegible]															Shahpúr
[illegible]	...	...	...	...	...	...	...	...	...	...	...	No return received			Mooltan
[illegible]															Jhaung
[illegible]															Montgomery
[illegible]															Muzaffargarh
[illegible]															Dera Ismail Khán
[illegible]															Dera Ghází Khán
[illegible]															Bannu
[illegible]															Peshawar
[illegible]															Kohát
[illegible]															Házára
[illegible]	...	...	19 4	19 4	21 12	150 0	150 0	100 0	10 12	11 8	10 0	10 8	11 4	9 12	Nágpur
[illegible]	...	...	21 0	19 8	26 0	...	...	...	11 0	11 0	9 0	10 12	10 12	8 8	Bhandára
[illegible]	...	...	27 0	27 0	21 0	360 0	360 0	360 0	...	...	...	9 8	9 8	8 12	Chánda
[illegible]	...	...	24 0	24 0	20 4	125 0	125 0	135 0	12 4	12 4	10 12	12 0	12 0	10 8	Wardha
[illegible]	...	...	30 0	32 0	35 0	275 0	275 0	275 0	10 0	10 0	...	10 0	10 0	9 0	Bálaghát
[illegible]lpore	...	...	25 0	25 0	30 0	120 0	120 0	110 0	11 0	11 12	...	11 0	11 8	9 8	Jubbulpore
[illegible]	...	...	24 8	23 8	40 0	160 0	160 0	120 0	8 12	8 12	...	8 8	8 8	7 4	Sangor
[illegible]	19 8	...	34 0	35 0	63 0	200 0	200 0	200 0	9 12	9 12	6 12	9 8	9 8	6 8	Damoh
[illegible]	...	...	16 0	16 0	34 8	210 0	210 0	230 0	11 0	11 0	7 0	10 12	10 12	6 12	Seoni
[illegible]	0 28 8	30 0	35 0	35 0	70 0	256 0	256 0	256 0	...	...	...	9 8	9 8	6 8	Mandla
[illegible]	0 14 0	27 0	15 0	15 0	40 0	240 0	240 0	240 0	9 0	8 8	9 8	8 8	8 8	9 0	Betúl
[illegible]	0 18 0	30 0	20 0	21 0	36 0	200 0	200 0	200 0	10 0	10 0	...	9 0	9 0	7 8	Chhindwára
[illegible]	...	...	27 0	21 6	28 0	160 0	160 0	120 0	9 8	9 8	...	9 0	9 0	5 4	Hoshangabad
[illegible]	...	...	26 0	25 0	36 8	160 0	160 0	160 0	10 8	10 8	7 8	10 0	10 0	7 4	Narsinglipur
[illegible]	...	...	18 0	18 0	27 0	120 0	120 0	160 0	13 0	13 0	9 8	12 12	12 12	9 0	Nimár
[illegible]	...	...	32 0	30 0	28 0	64 0	64 0	60 0	9 8	9 6	8 2	8 13	8 12	7 12	Raipur
[illegible]	...	...	28 8	28 8	24 0	110 0	110 0	210 0	11 0	10 0	9 0	10 0	9 0	8 0	Sambalpur
[illegible]	...	...	...	...	...	...	...	...	...	...	...	No return received			Bilaspur
	...	...	...	...	...	...	...	...	...	...	...				
															Arakan Division.
															Akyab
															Northern Arakan
															Kyoukpyoo
															Sandoway
															Pegu Division.
															Rangoon town and [illegible]
															thawaddy
															Tharrawaddy
															Prome
															Irrawaddy Division.
	...	...	...	...	...	...	...	...	...	...	...	No return received			Henzada
															Bassein
															Thonegwa
															Thayetmyo
															Tenasserim Division.
															Moulmein town and
															Amherst
															Tavoy
															Mergui
															Toungoo
															Shwaygyin
															Salween
	...	28 15	18 4	18 4	20 11	125 0	125 0	135 0	10 14	10 11	9 8	10 6	10 3	9 1	Secunderabad
	...	...	20 9	20 9	22 8	116 14	116 14	116 14	†	†	†	10 12	10 12	9 5	Bolarum
	...	...	19 0	20 0	20 0	80 0	80 0	80 0	...	...	...	9 8	9 8	9 8	Chudderghat
	...	...	19 0	19 0	22 0	64 0	64 0	64 0	12 0	12 0	10 8	11 8	11 8	10 0	Amraoti
	...	...	19 0	19 0	22 0	64 0	64 0	64 0	11 0	11 0	9 0	10 0	10 0	9 0	Akola
	...	...	20 0	23 0	24 0	64 0	64 0	64 0	...	...	...	10 0	10 0	10 0	Ellichpur
	7 8	...	17 0	17 0	22 0	64 0	64 0	64 0	...	...	...	10 0	10 0	10 0	Buldána
	...	...	22 0	22 0	40 0	...	...	...	...	...	...	10 0	10 0	9 0	Wún
	...	...	20 0	20 0	22 0	100 0	100 0	100 0	...	...	...	8 0	8 0	8 0	Basim
	...	...	26 0	25 0	27 0	64 0	64 0	64 0	10 0	9 8	9 0	9 0	9 0	8 0	

[a] Barley and bajra rising. * No wholesale salt sold.
† Wholesale transactions are confined beyond limits of station.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT INDIA FOR THE 2nd HALF OF SEPTEMBER 1882—*concluded*.

QUANTITIES PER RUPEE OF SEERS OF 80 TOLAHS.

Districts.	Wheat.			Barley.			Rice (best sort).			Rice (common).			Great Millet (Cholum, Jowar), *Holcus Sorghum*.			Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata*.			Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Coraloo, Morhwa, Nuglee), *Panicum Miliaceum*, &c.			Gram.			Firewood.			Salt. Wholesale.			Salt. Retail.			Districts.
	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	
	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	
Bangalore	11 2	10 11	11 12	12 0	12 5	12 12	9 11	9 14	10 3	11 12	11 1	11 7	30 15	27 14	25 15	...	...	...	96 0	96 0	84 0	30 13	30 5	33 10	13 4	13 8	10 8	13 0	13 0	10 0†	10 8	10 8	10 8	Bangalore
Kolar	...	...	...	10 3	11 1	11 9	13 15	13 15	1 13	14 14	15 3	14 6	...	...	...	...	...	...	172 6	172 6	172 6	34 3	34 3	38 12	13 8	13 8	11 5	13 3	13 3	11 1†	11 8	12 0	10 8	Kolar
Tumkúr	14 0	14 0	15 0	13 0	12 8	12 0	12 0	12 0	12 0	13 0	13 0	13 8	...	...	...	...	...	...	340 0	340 0	340 0	39 0	39 0	43 0	12 0	12 8	10 8	11 8	12 0	10 0†	12 0	12 8	10 8	Tumkúr
Mysore	11 4	12 0	10 8	...	...	11 0	11 0	10 12	10 8	12 0	11 4	11 2	25 0	24 0	25 0	...	...	...	500 0	500 0	600 0	33 0	30 0	32 0	...	...	...	9 0	8 0	6 0†	9 0	8 0	6 0†	Mysore
Hassan	12 0	10 8	10 4	12 8	11 0	12 0	12 0	10 0	11 8	12 8	11 0	12 8	...	...	...	...	...	...	480 0	480 0	480 0	31 8	30 7	36 12	11 0	11 0	...	10 8	10 8	8 15†	10 8	10 8	8 15†	Hassan
Shimoga	13 10	13 10	12 10	14 11	14 11	14 11	11 9	11 9	10 12	13 10	13 10	12 14	31 8	29 6	34 10	...	...	...	480 0	480 0	480 0	23 0	23 0	30 0	...	...	...	11 0	11 0	9 0†	11 0	11 0	9 0†	Shimoga
Kadur	15 0	15 0	9 0	14 0	14 0	12 0	11 0	11 0	13 0	14 0	14 0	15 0	...	...	...	...	...	...	64 0	64 0	64 0	30 0	30 0	32 0	10 0	10 0	16 0	10 0	10 0	16 0†	10 0	10 0	16 0†	Kadur
Chitaldroog	14 0	14 0	14 0	16 0	16 0	16 0	11 0	11 0	11 0	13 0	13 0	12 0	40 0	40 0	40 0	28 0	28 0	28 0	100 0	100 0	100 0	30 0	30 0	32 0	10 0	10 0	16 0	10 0	10 0	16 0‡	10 0	10 0	16 0‡	Chitaldroog
Coorg	9 0	8 14	7 9	8 9	8 7	8 10	10 0	10 10	10 10	13 8	13 10	15 1	...	...	...	...	...	...	110 0	110 0	110 0	22 7	22 2	25 4	8 9	8 10	...	8 0	8 2	8 3	Coorg			Coorg
Jeypore	17 0	16 4	16 4	24 0	22 0	24 4	6 0	6 0	6 0	9 0	9 0	9 4	20 0	20 0	25 0	21 0	19 0	23 0	...	...	...	21 0	19 0	18 4	14 4	14 4	...	14 0	14 0	12 0	Jeypore			Jeypore
Kishengurh	17 8	17 0	17 8	26 0	24 8	27 0	9 0	8 0	8 8	11 0	10 0	9 0	22 8	24 0	26 8	20 0	20 8	21 0	...	...	...	21 0	21 8	26 8	...	...	...	16 0	16 0	12 8	Kishengurh			Kishengurh
Kerrowlee	18 0	17 13	16 0	25 0	22 8	20 0	13 0	12 8	11 8	14 0	13 8	13 0	25 0	22 8	18 0	25 0	19 10	17 7	...	...	...	25 0	22 8	17 8	14 1	13 14	...	14 0	13 8	10 8	Kerrowlee			Kerrowlee
Ulwur	19 12	19 1	17 15	28 12	26 13	22 14	9 0	9 0	8 0	12 8	11 14	12 4	25 9	23 8	23 4	24 14	19 5	19 14	...	...	...	25 10	24 3	18 8	15 13	15 13	...	15 6	15 6	12 8	Ulwur			Ulwur
Bhurtpore (City)	19 0	18 3	17 0	28 0	26 0	22 0	6 8	6 8	6 8	11 0	11 0	7 0	22 8	22 3	19 8	17 8	17 3	19 6	...	...	...	24 8	23 0	19 8	12 5	12 4	...	11 13	12 0	11 8	Bhurtpore (City)			Bhurtpore (City)
Ajmere	16 8	16 0	17 0	24 0	23 9	26 0	5 0	5 0	5 0	8 0	8 0	8 0	20 0	18 0	25 0	18 0	18 0	20 0	...	...	...	22 8	23 0	21 8	...	...	...	15 0	15 0	12 0	Ajmere			Ajmere
Deoli Cantonment	17 7	17 6	20 0	22 9	22 5	24 4	...	...	...	10 8	10 8	9 4	20 0	20 0	23 0	20 12	20 12	22 8	70 0	70 0	60 0	22 8	22 0	21 8	...	...	...	12 12	12 12	11 0	Deoli Cantonment			Deoli Cantonment
Erinpura	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	21 11	21 10	23 10	...	...	...	Rs. A. P.	Rs. A. P. per md.	Rs. A. P.	Erinpura			Erinpura
Sirohee	16 0	15 0	18 0	30 0	25 0	28 0	7 0	7 0	6 8	8 0	8 0	8 0	17 0	17 0	19 0	21 0	20 0	23 0	...	...	...	...	...	...	...	...	...	No return received			Sirohee			Sirohee
Abu	15 0	15 4	15 14	23 0	23 0	23 10	6 8	6 8	5 8	8 0	8 0	7 14	...	...	...	18 0	18 0	18 0	...	...	...	23 0	21 0	24 0	160 0	160 0	160 0	3 0	3 0	...	12 5	12 5	11 7	Abu
Anadra	17 0	17 0	17 12	26 8	26 0	27 8	7 0	7 0	6 0	9 0	9 0	8 8	...	...	...	20 8	20 0	20 0	...	...	...	21 8	21 4	16 8	160 0	160 0	160 0	3 8	3 8	...	11 8	11 8	10 8	Anadra
Hilly Tracts of Meywar	22 0	20 0	23 0	28 0	25 0	34 0	...	...	...	16 0	16 0	15 0	...	...	...	...	...	...	...	...	...	24 10	24 0	18 12	...	...	...	3 4	3 4	...	12 12	12 4	11 8	Abu Anadra
Meywar (Oodeypore)	14 7½	14 10½	15 10	19 8½	19 8½	20 5	10 2½	9 12½	8 9½	...	...	...	...	...	...	...	...	...	...	...	...	24 0	23 0	30 0	*	*	*	...	...	...	10 0	10 0	7 8	Hilly Tracts of Meywar
Bánswára (Meywar Agency)	21 14	21 4	21 4	...	...	...	8 12	8 12	7 8	18 12	18 12	16 4	...	...	...	...	...	...	...	...	...	S. Ch.	S. Ch.	S. Ch.									
Partábgarh („)	18 0	18 0	17 8	...	...	...	10 5	10 5	7 8	12 3	12 3	11 4	...	...	...	...	...	...	...	...	...	16 0	16 0	15 0	...	...	...	20 0	21 0	...	9 12¼	9 12¼	8 9½	Meywar (Oodeypore)
Marwar (Jodhpore)	16 9	16 9	...	22 8	22 8	...	6 4	6 4	...	7 8	7 8	...	22 8	25 0	...	20 0	21 4	...	...	...	...	35 0	35 0	33 12	...	...	...	...	...	...	11 4	11 4	9 6	Bánswára (Meywar Agency)
Jeysalmer	13 6	13 8	11 0	...	...	...	3 4	3 4	2 14	6 8	6 8	6 0	...	...	...	20 8	20 8	16 18	...	...	...	21 9	21 9	20 0	...	...	...	...	...	...	9 11	9 11	8 12	Partábgarh („)
Bundee	17 0	16 8	21 8	27 0	27 0	30 0	10 0	8 12	8 0	10 8	9 8	9 0	30 0	30 0	30 0	...	...	...	...	...	...	Rs. A. P.	Rs. A. P. per md.	Rs. A. P.										
Kotah	18 0	17 0	24 12	16 0	18 0	31 8	10 0	9 0	7 12	13 0	13 0	10 4	23 8	23 0	40 8	15 0	15 8	20 8	240 0	240 0	240 0	27 0	27 0	25 8	160 0	160 0	160 0	12 8	12 8	10 0	12 8	12 12	...	Jeysalmer
Tonk	14 4	13 11	18 6	22 4	23 4	22 10	7 0	7 0	7 7	9 0	9 9	9 8	24 4	25 4	24 6	21 6	21 4	19 12	240 0	240 0	240 0	30 4	30 4	30 4	160 0	160 0	160 0	12 4	12 6	10 8	11 8	11 14	...	Bundee
Jhallawar	14 2½	15 0½	21 4	15 15	15 14	27 14	...	...	...	10 2	10 2	8 13½	18 12	19 7½	28 5	15 13	14 9	18 8	160 0	160 0	100 0	21 12	22 8	20 1	160 0	160 0	100 0	12 4	12 6	10 8	11 8	11 14	...	Kotah
Shahpoora	16 1	16 1	20 4	20 3	20 4	28 4	10 5	10 2	10 8	14 2	13 12	15 0	17 9	17 8	27 0	16 12	17 0	20 0	...	...	...	17 15	19 7½	22 14	...	...	...	10 14	10 8	...	10 10	10 4	7 1	Tonk
Dholpur	18 11	18 8	17 4	28 1	27 4	21 6	10 2	9 2	7 14	12 6	12 6	11 13	25 8	24 7	21 1	27 9	24 0	19 14	160 0	160 0	160 0	19 14	19 8	23 0	...	...	...	13 4	13 4	10 10	13 0	13 0	...	Jhallawar
Indore	16 0	16 0	19 10	...	...	...	8 9	8 0	8 0	10 0	10 0	8 10	24 0	22 14	40 0	24 0	22 14	26 10	...	...	...	27 3	26 0	18 11	...	...	...	13 8	13 8	10 11	12 6	12	10 1	Shahpoora
Gwalior	17 2	16 5	15 4	20 9	20 10	18 12	7 13	7 13	6 14	10 1	10 1	9 13	22 7	21 0	18 4	21 11	20 11	28 8	100 0	100 0	...	18 13	18 7	22 5	...	...	...	12 5	12 0	...	...	...	5 12	Dholpur
Goona	20 12	20 4	26 8	19 0	19 0	21 0	9 0	9 8	9 8	10 0	10 0	10 0	25 0	23 0	40 0	16 0	16 0	21 0	109 8	109 8	91 4	24 3	22 7	15 10	...	...	...	11 8	11 8	...	11 14	11 14	10 1	Indore
Baghelkhand (Sutna)	20 15	21 0	21 0	35 0	32 0	30 0	8 7	8 0	7 0	18 15	18 0	19 13	35 12	32 0	27 13	27 12	24 0	18 0	...	200 0	...	25 4	25 0	32 0	...	...	...	11 8	11 8	...	11 0	11 0	9 0	Gwalior
																			...	160 0	...	30 0	30 0	26 0	...	...	...	12 2	12 4	...	11 10	11 10	10 12	Goona
																																		Baghelkhand (Sutna)

* Eight pies per bundle. † Sea Salt. ‡ Earth Salt.

DEPARTMENT OF FINANCE AND COMMERCE,
(*Statistical Branch.*)

D. M. BARBOUR,
Secretary to the Government.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

[TELEGRAPH.]

ABSTRACT OF FOREIGN TRAFFIC FOR THE MONTH OF JUNE 1882.

CLASS OF MESSAGES.	ROUTE. WEST. Via Teheran		Via Turkey.		Persian Gulf.		Via Suez.		EAST. Via Amur.		Via Madras.		Via Rangoon.		Native Burma.		Via Paumben.		TOTAL.	
	No.	Indian Value.	No.	Indian Value.	No.	Indian Value.	No.	Indian Value.	No.	Indian Value.	No.	Indian Value.	No.	Indian Value.	No.	Indian Value.	No.	Indian Value.	No.	Indian Value.
INDIAN.		Rs. A.		Rs. A.		Rs. A.		Rs. A.		Rs. A.		Rs. A.		Rs. A.		Rs. A.		Rs. A.		Rs. A.
. .	2,801	16,348 10	65	202 10	51	241 10	3,674	9,615 14	26	71 7	946	2,477 11	117	389 2	393	1,085 7	1,636	3,123 7	9,699	33,885 14
. .	2,009	10,432 12	103	325 7	54	235 5	3,621	12,854 2	7	16 9	918	2,811 6	121	418 10	...	...	1,595	3,123 13	8,428	30,218 0
TOTAL .	4,810	26,781 6	168	528 1	105	476 15	7,295	22,500 0	33	88 0	1,864	5,289 1	238	807 12	393	1,085 7	3,231	6,247 4	18,127	63,803 14
TRANSIT. East to																				
Madras .	80	915 0	1	2 10	6	24 10	4,413	17,579 4	...	...	...	...	...	...	...	...	...	...	4,509	18,511 8
Rangoon .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lahgha .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Paumben	311	693 15	...	...	...	...	206	614 3	...	...	...	...	...	...	...	...	...	...	417	1,308 2
West to																				
Madras .	1,998	8,468 3	67	239 10	3	7 2	2,349	8,768 4	2	2 10	...	...	...	...	...	...	...	...	4,419	17,475 13
Rangoon .	...	...	...	...	...	...	2	13 1	...	...	...	...	...	...	...	...	...	...	2	13 1
Lahgha .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Paumben	111	473 11	4	18 12	...	...	107	691 10	...	...	...	...	...	...	...	...	...	...	312	1,183 6
West to																				
Bombay and Karachi.	...	...	3	12 3	1	7 8	...	...	...	...	...	...	...	...	...	...	...	...	4	19 11
Karachi and Bombay.	...	...	...	...	2	2 4	...	...	...	...	...	...	...	...	...	...	...	...	2	2 4
East to																				
Paumben .	...	...	...	...	...	...	...	...	...	...	36	155 10	...	...	...	...	...	...	36	155 10
Others .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	36	139 5	36	139 5
TOTAL .	2,409	10,540 13	75	272 8	12	31 8	7,107	27,666 6	2	2 10	36	155 10	...	...	...	...	36	139 5	9,737	38,806 12
GRAND TOTAL ...																			27,864	1,02,613 10

ABSTRACT OF FOREIGN TRAFFIC WITH INDIA BY THE INDO-EUROPEAN AND RED SEA ROUTES FOR THE MONTH OF JUNE 1882.

ROUTE.		Number of Messages by each Route (exclusive of Transit). To India.	From India.	Total.	Percentage of ... To India.	From India.	Total.
Indo-European	*Viâ* Teheran	2,009	2,801	4,810	34·72	42·50	38·86
	„ Turkey	103	65	168	1·78	0·99	1·36
	Persian Gulf *viâ* Karachi	54	51	105	0·93	0·77	0·85
Red Sea	*Viâ* Suez	3,621	3,674	7,295	62·57	55·74	58·93
	Total	5,787	6,591	12,378	100·00	100·00	100·00

GOVERNMENT OF INDIA.

REVENUE AND AGRICULTURAL DEPARTMENT.

REPORTS ON THE STATE OF THE SEASON AND PROSPECTS OF THE CROPS FOR THE WEEK ENDING THE 24th OCTOBER 1882.

General Remarks.—As usual during this period of the season there has been no rain during the week under report in the Punjab, the North-Western Provinces and Oudh, Central India, Rajputana, Berar, and the Nizam's Territories. On the other hand, there has been rain throughout the Madras Presidency, the Mysore State, and Coorg. Assam and British Burma also have had moderately good rain. Slight showers have occurred in a few districts of Bengal, in two districts of the Central Provinces, and in the Southern Mahratta Country of Bombay.

Prospects are generally favourable throughout the country: standing crops are in good condition; harvest operations are in progress; and preparations for, and sowings of, *rabi* crops are advancing.

A little rain would be beneficial in a few places in Madras, in two districts in Oudh, in parts of the Central Provinces, and in two districts in Burma. In parts of the Bombay Presidency locusts are still causing some anxiety.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Madras—(Oct. 25th)		
Bellary ...	1·12 (one station)	Standing crops generally good; harvest dry crops, outturn average agricultural operations progressing.
Kurnool ...	1·52 (average of five stations).	More rain wanted in parts for dry crops; harvest early dry crops and indigo, yield average; agricultural operations progressing; cattle-disease in parts.
Ganjam ...	1·08 (average of eleven stations).	Standing wet and dry crops generally good; fever, small-pox, and cattle-disease continue; cholera in one taluk.
Kistna ...	·66 (average of seven stations).	Paddy affected slightly by grub in one taluk; fever and cattle-disease general; small-pox slight; harvest dry crops, yield below average; agricultural operations progressing.
Chingleput (Madras) ...	1·71 (average of ten stations).	Standing crops good where irrigated; harvest paddy and dry grains, outturn below average; agricultural operations progressing; slight fever, small-pox, and cattle-disease in parts.
Coimbatore ...	3·86 (average of sixteen stations).	Standing paddy and dry crops generally good; harvest paddy and dry grains, outturn average; fever, small-pox, cholera, and cattle-disease in parts.
Tanjore ...	2·24 (average of thirteen stations).	Standing crops good, except in parts of one taluk, where want of rain felt; harvest paddy and dry crops, yield below average.
Madura ...	2·09 (average of eight stations).	Standing crops fair; cholera in parts.
Malabar ...	1·74 (average of fourteen stations).	Sowing second crop progressing; small-pox, fever, and cholera in parts.
Travancore ...	2·23	Agricultural operations progressing; fever slightly prevalent. *General Remarks.*—General prospects good.
Bombay—(Oct. 25th)		
Kurrachee ...	.....	River at Kotri on 23rd, 8 feet 10 inches against 8 feet on corresponding date last year; fever increasing and prevalent in all talukas; harvesting of crops in progress; wheat, red rice, and *bajri* in Kurrachee 25, 36 and 40, in Sehwan 32, 48 and 56, in Ghorabari 20, 44 and 44, and in Sujawal 24, 48 and 52 lbs. per rupee respectively.
Hyderabad ...	.....	*Kharif* reaping nearly over; *rabi* operations in progress; small-pox still continues in Hyderabad and fever in ten talukas; cattle-disease in Dero Mohbat; wheat 26, *juari* 48, *bajri* 47, red rice 32, and white rice 22 lbs. per rupee.
Ahmedabad ...	.....	Reaping of rice, *bajri* and *juari* continues, other crops doing well; fever in Dholka, Viramgaum, Gogo, Parentej, and Dakhroli; cattle-disease in Sanand; wheat 28 and *bajri* 32 lbs. per rupee.
Baroda ...	.....	Harvesting of *kharif* in progress except in Amreli, where it has not been commenced; land being prepared for *rabi*; public health good; cattle-disease in parts of Kari division; *bajri* 34 and common rice 25¾ lbs. per rupee.
Surat ...	.....	*Kharif* harvest progressing; *juari* 38 and *nagli* 57 lbs. per rupee.
Násik ...	.....	Locusts on the move westward from all talukas now affected, *bajri* being cut hurriedly in consequence; *rabi* sowings save in few places retarded from fear of locusts; cholera in one village; *bajri* 31, wheat 22, and rice 27 lbs. per rupee.
Colaba (Bombay) ...	.....	Abnormal temperature 1° warm on 19th, 20th, 22nd and 23rd, *nil* on all other days; vapour in air normal; wind normal.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Bombay—*contd.*		
Poona ...	.....	Reaping of *kharif* and sowings of *rabi* crops progressing; damage by locusts continues but is not serious; 15 cholera cases in Sirur taluka, 5 deaths; *bajri* 48 and *juari* 61 lbs., in Poona *bajri* 43 and *juari* 52 lbs. per rupee.
Ahmednagar ...	.....	Reaping of *bajri* in progress in all talukas; sowing of *rabi* commenced throughout the district except in Akola and Kopergaon; locusts have now appeared in all the talukas except Jhamkhed, the least affected being Karjat and Sheogaon; cattle-disease in Jhamkhed; cholera has almost disappeared from the district; *bajri*—maximum 66 lbs. in Jhamkhed, minimum 42 in Kopergaon; *juari*—maximum 102 in Jhamkhed, minimum 51 in Kopergaon.
Sholapur ...	·02	Total rainfall 39·08; more rain wanted; *rabi* crops in good condition; cholera in one village of Sholapur taluka, 4 cases, 3 deaths; *bajri* 62 lbs. 9 tolas and *juari* 85 lbs. per rupee.
Dharwar ...	Rain at all stations except Bankapur and Hangal; maximum Hubli, 1·34.	Rice and cotton crops good; *juari* moderate owing to excessive moisture; sowings of late crops in progress in Navalgund and Gadag talukas; cattle-disease in two talukas; public health good; prices of food-grains as before.
Kanara ...	Karwar, ·81; Kumpta, ·25; Sirsi, ·40; Hallial, 1·80.	Total rainfall 108·13; harvesting rice around Karwar completed, continues on coast, and commenced above ghât; small-pox, 1 death, in Sirsi; fever in two talukas; common rice in Karwar 11 seers, in district average 13½ seers per rupee; weather cloudy and hot.
Rajkot ...	.....	Weather cooler; general health fair; cholera continues in Navanagar and Dhrol, and has reappeared but slightly in Gondal; fever in Navanagar, Dhrol, Gondal and Rajkot; *bajri* 26 and *juari* 32 lbs. per rupee.
		General Remarks.—Slight rain in the Southern Mahratta Country districts, weather fair elsewhere; harvesting of *kharif* and sowings of *rabi* in general progress; locusts continue in Násik and Ahmednagar, are disappearing from Khandesh and appearing in parts of Poona and Satara; fever and cattle-disease in many districts, slight cholera in some.
Bengal—(Oct. 25th)		
Chittagong ...	1·43	Weather seasonable; prospects of crops fair; transplanting of *amun* finished; prices steady; cattle-disease still prevails; general health good.
Dacca ...	·04	Prospects of crops good; jute harvest completed.
24-Pergunnahs (Calcutta)	Alipore *nil*	Prospects of late rice much improved by rain of preceding week; lands being ploughed for winter crops; price of common rice stationary; public health on the whole good.
Moorshedabad ...	6·91 for week ending 23rd.	*Aman* plants doing well; *aus* rice being harvested; sowing of *rabi* crops commenced in some parts; fever prevails in Gokuru, Rangamati, and Nowada.
Rajshahye ...	*Nil*	Prospects of *amun* crop and of cold weather sowings much improved; public health fair.
Burdwan ...	*Nil*	Bright sunny weather; mornings cool; late rice crop fairly good; recent rain very beneficial; fever prevalent.
Rungpore ...	*Nil*	Weather seasonable; prospects of crops good; public health good.
Bhagalpur ...	·49	Prospects improved by late rain.
Purneah ...	1·26	Fine weather set in; prospects of crops fair; fever very prevalent.
Patna ...	·34	Prospects of crops continue good; *rabi* sowings in progress; public health good.
Durbhunga ...	*Nil*	Rice prospects fair; *rabi* sowings progressing; prices stationary; health middling.
Hazáribágh ...	·10	Weather bright and seasonable; prospects of rice crop good; health generally good.
Cuttack ...	*Nil*	Fine dry weather; prospects of late rice crop excellent; public health good.
		General Remarks.—Slight rain fell in some of the reporting districts during the week; the general heavy rain of the preceding week has been very beneficial, while the high wind which accompanied it is said to have caused little or no damage to crops; prospects generally much improved, but a good crop of winter rice is not expected in several places owing to deficient supply of timely rain; sugarcane crop everywhere promising; ploughing and sowing of *rabi* crops proceeding vigorously; fever as usual at this season continues to be reported from some districts and there are cases of cholera in a few places, elsewhere public health good.
N. W. Provinces and Oudh—		
Benares (Oct. 24th)	No rain	*Rabi* sowings in progress; no sickness among men or cattle; prices steady.
Allahabad („ 25th)	No rain	*Rabi* sowings in full swing and doing well; prices stationary.
Gorakhpur („ 23rd)	.....	Weather fine; *rabi* sowings begun; prices steady.
Jhánsi („ „)	No rain	Prospects of *kharif* good; harvesting of minor grains in progress; sowing of *rabi* continues; fever somewhat prevalent; no cattle-disease; prices of grain and barley falling.
Agra („ 24th)	No rain	*Kharif* harvesting and *rabi* ploughings and sowings going on; sugarcane being irrigated; fever continues, but general health good; prices stationary.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
N. W. Provinces and Oudh—*contd.*		
Bareilly (Oct. 24th)	No rain	Weather seasonable; *kharif* excellent; rice and *bajri* mostly cut; *rabi* sowings going on favourably; cholera on the decrease; fever still prevails.
Meerut („ „)	No rain	Weather seasonable; health good; *bajri* and pulses being harvested; grain sown; prices stationary.
Kumaun („ „)	No rain	Rain wanted; *kharif* crops all cut; ploughing for *rabi* commenced; general health good; cattle-disease continues; prices unchanged.
Lucknow („ „)	No rain	Prospects of crops favourable; prices stationary; cholera disappearing, but fever continues; rain wanted for *mash* and for the *rabi* sowings generally.
Partabgarh („ „)	.....	Prices falling; *rabi* sowings nearly over; *bajri* harvest commenced; cattle-disease in Kunda tahsil; cholera has decreased slightly during the past week.
Sitapur („ „)	.....	*Mash* has somewhat suffered; cholera decreasing, but ague and fever in two tahsils; no cattle-disease; prices stationary; supplies ample.
Fyzabad („ „)	No rain	*Rabi* sowings progressing; autumnal fever prevalent; cattle-disease in part of district.
Rae Bareli („ 23rd)	No rain	Weather fine and seasonable; *rabi* operations going on; cholera still continues; fever prevailing; prices slightly rising.
Cawnpore („ 24th)	.....	*Kharif* harvesting and *rabi* sowings in progress; health good; prices nearly stationary.
Farukhabad („ „)	No rain	*Kharif* yield will not be good; *rabi* sowing in progress in irrigated lands; prices steady.
		General Remarks.—No rain during the week; rain wanted in Lucknow, Sitapur, and Kumaun; prices are rising in one and falling in four districts, elsewhere they are stationary; *kharif* harvest in progress; *rabi* sowings progressing; markets well supplied; cholera continues in Partabgarh, but is decreasing elsewhere; cattle-disease continues in four districts.
Punjab—(Oct. 24th)		
Delhi ...	No rain	Health good; prices of food-grains steady; average yield expected.
Hissar ...	No rain	Health good; prices stationary; crop prospects unchanged.
Umballa ...	No rain	Health good; prices of food-grains stationary; yield of crops expected to be below the average.
Jullundur ...	No rain	Health good; prices steady; crop prospects good.
Amritsar ...	No rain	Health good; prices stationary.
Lahore ...	No rain	Health good; prices stationary; state of crops good.
Ferozepore ...	No rain	Health good; prices steady; crop prospects good.
Sialkot ...	No rain	Health good; prices stationary; crop prospects good.
Rawalpindi ...	No rain	Slight fever still prevails in some parts of the district and cattle-disease has not yet disappeared from the Murree tahsil; prices of food-grains steady.
Peshawar ...	No rain	Fever prevalent; prices of food-grains slightly falling; crop prospects good.
Mooltan ...	No rain	Fever abating; prices of food-grains are generally stationary; price of Indian corn is falling.
Dera Ismail Khan ...	No rain	Slight fever prevails; prices steady; crop prospects good.
		General Remarks.—The health of the province continues to be generally good, though slight fever prevails in three or four districts, and cattle-disease has not yet disappeared from Rawalpindi district; the prices of food-grains are generally stationary and yield of crops on the whole expected to be good.
Central Provinces—		
Nagpur (Oct. 25th)	.....	Weather seasonable; *kharif* slightly injured for want of rain; fever prevalent; *rabi* sowings almost completed; few cases of cholera; prices steady.
Jubbulpore („ 24th)	.....	Weather clear and cool; reaping of *kharif* and *rabi* sowings continue; health good; prices stationary.
Saugor („ 23rd)	.....	*Kharif* crops being cut; *rabi* sowings are well forward; fever prevalent; prices steady.
Seoni („ 24th)	.....	Weather clear and cool; *rabi* sowings progressing; fever prevalent; prices slightly risen.
Hoshangabad („ „)	.....	Weather seasonable; *kharif* good; *rabi* sowings in progress; fever prevalent; wheat 15 seers per rupee.
Raipur („ 21st)	·09	Weather clear and cool; prospects of crops fair; fever prevalent; prices stationary.
Sambalpur („ 19th)	1·06	Weather clear and cool; prospects of *kharif* good; health good; rice 54 seers per rupee.
Khandwa ...	.....	Days warm, nights cool; *rabi* sowings continue; few cases of small-pox; prices stationary; wheat 16 seers per rupee.
		General Remarks.—Weather warm during the day, nights and mornings cool; prospects of *kharif* crops favourable, would be much improved by a little more rain; *rabi* sowings far advanced; fever generally prevalent; prices remain steady.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
British Burma— (Oct. 21st)		
Akyab ...	1·31	Total rainfall 197·29 inches; public health good in town and district; cattle-disease severe in one township; crop prospects good.
Rangoon ...	0·46	Total rainfall 98·56 inches; public health good; crops making progress.
Bassein ...	0·88	Total rainfall 119·32 inches; public health and condition of crops good.
Prome ...	·08	Total rainfall 48·78; public health good; more rain required in three townships to develop late plantings.
Amherst (Moulmein) ...	4·02	Total rainfall 197·37 inches; public health both in Moulmein and district good; a few deaths from cattle-disease in one township; state of crops good.
Toungoo ...	1·66	Total rainfall 87·43 inches; 9 deaths from cholera in district. *General Remarks.*—Few deaths from cholera in Kyoukphyoo, Tharrawaddy, Toungoo and Tavoy districts, elsewhere public health good; some cattle-disease in Akyab, Sandoway and Amherst; crops doing well generally, but more rain needed in parts of Tharrawaddy and Prome; harvest prospects good.
Assam—		
Gauhati (Oct. 24th)	1·20	Weather seasonable; lands being prepared for pulses and oilseeds; public health good.
Sylhet („ 25th)	2·50	Crops doing well; cholera reported from Sunámganj.
Cachar („ „)	*Nil*	Weather dry; reaping of *aus* crop nearly finished; prospects of *sali* crop and public health good; common rice 20 seers per rupee; ploughing for winter crops commenced.
Dibrugarh („ „)	2·43	Weather seasonable; prospects of *sali* paddy good; cattle-disease decreasing; public health good.
Mysore and Coorg— (Oct. 25th)		
Bangalore ...	·10	Crops in flourishing condition; prospects favourable.
Mysore ...	2·58	Crops in good condition; prospects good.
Mercara ...	6·06	The heavy downpours have caused injury on a few coffee estates by washing away the surface soil; rice crop doing well, save in parts of Kiggatnad where it has been attacked by caterpillars; *ragi* is being reaped in Nanjarajpatna and is coming into ear in the Yelsavirshime taluk; prices falling; cardamom picking proceeding, yield short. *General Remarks.*—Rain has been general throughout the Mysore State, but scanty towards the north and east; crops in good condition; prospects favourable; no material change in prices; public health good.
Berar & Hyderabad— (Oct. 25th)		
Amráoti ...	.....	*Kharif* crops in good condition; *rabi* sowings continued; prices—wheat 16, *juari* 28 seers per rupee.
Akola ...	.....	Prospects of crops favourable; *rabi* sowings continued.
Hyderabad ...	.....	Reaping of *kharif* and sowing of *rabi* crops in progress; sowing of *tabi* rice commenced in one taluka only; cattle-disease prevails in one taluka, otherwise public health good; prices—wheat 16½, coarse rice 10½, white *juari* 27½, yellow *juari* 32½, and *tur* 27 seers per current sicca rupee.
Central India States— (Oct. 25th)		
Indore ...	No rain	Prospects unchanged; the unusually hot sun in the daytime has dried up the grass earlier than usual, but public health is good.
Morar (Gwalior) ...	No rain	Health and prospects good.
Sutna ...	No rain	Prospects and health good.
Neemuch ...	No rain	Crops and public health good.
Goona ...	.....	Crops good; fever prevalent.
Bhopal ...	No rain	Weather clear; prospects good.
Agar ...	.....	Health and prospects good.
Nowgong ...	.....	Prospects and health good; prices stationary.
Manpur ...	.....	*Juari* and *tilli* crops in ear; sowing of wheat and gram commenced; opium fields are being prepared.
Rajputana—		
Abu (Oct. 25th)	.....	Clear weather; some fever; cold setting in.
Sirohi („ 22nd)	.....	Tanks, wells, health, and prospects good; weather seasonable.
Marwar („ 20th)	.....	About two months' water in tanks; wells almost full; health good; crops ripening; weather cloudless; nights close and unusually warm; winds low; prices stationary with tendency to fall.
Meywar („ 21st)	.....	Tanks and wells fair; health good; sowing operations commenced; more rain wanted to fill tanks.
Harowti („ „)	.....	*Kharif* crops being harvested; *rabi* sowings continue; weather seasonable; health good.
Jhallawar („ 18th)	.....	Weather seasonable; health and prospects good.
Ajmere („ 24th)	.....	*Kharif* being reaped; *rabi* sowing commenced; health good.
Jeypore („ „)	.....	Prices stationary; health fair.
Ulwur („ „)	.....	*Kharif* being harvested; *rabi* sowings continue; fever decreasing; prices steady.
Nepal—		
Katmandu ...	.....	No report received.

E. C. BUCK,
Secy. to the Govt. of India.

GOVERNMENT OF INDIA.

LEGISLATIVE DEPARTMENT.

ABSTRACT OF THE PROCEEDINGS OF THE COUNCIL OF THE GOVERNOR GENERAL OF INDIA, ASSEMBLED FOR THE PURPOSE OF MAKING LAWS AND REGULATIONS UNDER THE PROVISIONS OF THE ACT OF PARLIAMENT 24 & 25 VIC., CAP. 67.

The Council met at Government House, Simla, on Thursday, the 19th October, 1882.

PRESENT:

His Excellency the Viceroy and Governor General of India, K.G., G.M.S.I., G.M.I.E., *presiding*.
His Excellency the Commander-in-Chief, G.C.B., C.I.E.
The Hon'ble J. Gibbs, C.S.I., C.I.E.
Major the Hon'ble E. Baring, R.A., C.S.I., C.I.E.
Lieutenant-General the Hon'ble T. F. Wilson, C.B., C.I.E.
The Hon'ble C. P. Ilbert, C.I.E.
The Hon'ble Sir S. C. Bayley, K.C.S.I., C.I.E.
The Hon'ble T. C. Hope, C.S.I., C.I.E.
The Hon'ble C. H. T. Crosthwaite.
The Hon'ble W. C. Plowden.

ELEPHANTS PRESERVATION ACT, 1879, AMENDMENT BILL.

The Hon'ble MR. GIBBS introduced the Bill to amend the Elephants Preservation Act, 1879, and moved that it be circulated for the purpose of eliciting opinions thereon. He said that the Bill, as he had explained to the Council when he moved for leave to introduce it, was a purely technical one, and he need not now take up the time of the Council with further explanations about it. It was not proposed to refer it to a Select Committee, because it would be important first of all to elicit opinions from the Local Governments of the places to which the Bill applied.

The Motion was put and agreed to.

The Hon'ble MR. GIBBS also moved that the Bill and Statement of Objects and Reasons be published in the local official Gazettes in English and in such other languages as the Local Governments might think fit.

The Motion was put and agreed to.

NIZÁMAT ACT REPEAL BILL.

The Hon'ble MR. ILBERT introduced the Bill to repeal Act No. XXVII of 1854, and moved that it be referred to a Select Committee consisting of the Hon'ble Mr. Gibbs, Sir Steuart Bayley and the Mover. He said that he had stated on the last occasion when the Council met the objects with which the proposed Bill was prepared; he need now only say that the enacting part of the Bill was comprised within the limits of a single line.

The Motion was put and agreed to.

The Hon'ble MR. ILBERT also moved that the Bill and Statement of Objects and Reasons be published in the *Calcutta Gazette* in English and in such other languages as the Local Government might think fit.

The Motion was put and agreed to.

MADRAS FOREST ACT CONFIRMATION BILL.

The Hon'ble MR. ILBERT also moved for leave to introduce a Bill to confirm the Madras Forest Act. He said:—

"The reasons for which I ask leave to introduce the measure are these:—The Indian Forest Act of 1878 does not extend to the Presidency of Madras.

The Madras Government have power to extend it to their Presidency by notification; but they have come to the conclusion that this mere power of extension will not suffice, and that, to meet the circumstances of Southern India, special legislation is necessary. Accordingly, they have passed an Act which does for Madras what was done for British Burma by the Burma Forest Act of 1881; that is to say, the Act enacts the Indian Forest Act of 1878, with such changes as are necessary to adapt it to the Madras Presidency. But, in doing this, they have been compelled to embody in their measure certain provisions which, though modelled on provisions contained in the general Indian Forest Act, are inconsistent with provisions contained in certain other Acts of the Governor General in Council,—in particular, the Easements Act,—and therefore are beyond the competence of the local legislature to enact. Of course, we are anxious that the Madras Act should follow, as closely as possible, the lines of our own Act, and therefore we propose to confirm the Madras Act, so far as it purports to repeal or amend any general Act of the Governor General in Council.

"So much for this particular measure. But I should like to add a few words about the difficulty out of which the need for this measure has arisen, because it is a difficulty which is likely to recur.

"The legislative powers of the Local Governments are, as we all know, derived from section 42 of the Indian Councils Act, which is as follows:—

"'The Governor of each of the said Presidencies in Council shall have power at meetings for the purpose of making Laws and Regulations as aforesaid, and, subject to the provisions herein contained, to make Laws and Regulations for the peace and good government of such Presidency, and for that purpose to repeal and amend any Laws and Regulations made prior to the coming into operation of this Act by any authority in *India*, so far as they affect such Presidency: provided always, that such Governor in Council shall not have the power of making Laws or Regulations which shall in any way affect any of the provisions of this Act, or of any other Act of Parliament in force, or hereafter to be in force, in such Presidency.'

"Now, the effect of this section is, that the local legislatures have not the power to repeal or amend any Act of Parliament, and have not the power to repeal or amend any Act of the Governor General in Council, passed after the date on which the Indian Councils Act came into operation. Consequently, every Act which we pass, and which comes into operation in territories under local legislatures, operates, *pro tanto*, to circumscribe the powers of those legislatures. I am inclined to think that some of our Acts have had this effect to an extent not anticipated at the time when they were framed. Take, for instance, some of the important codifying Acts, such as the Contract Act, the Evidence Act or the Easements Act. The main objects of these Acts, I take it, was, not so much to alter the law, as to declare and define it—to make it clearer and more certain. But when you take a rule of common law and put it into an Act of the legislature, you alter its character and effect. As long as it is merely a rule of the common law, which says that 'the owner or occupier of the dominant heritage is entitled to enjoy the easement without disturbance by any other person,' you have a rule which, like other rules of the common law, can be repealed or altered by legislation; but directly you take that rule and put it into an Act of the Governor General in Council, as you have done by one of the sections of the Easements Act, you make a rule which can no longer be altered by the local legislatures. The consequence is that, whenever a local legislature wishes to give power to take away or to modify for any public purpose any right in the nature of an easement, it incurs a serious risk of running its head against an Act of the Governor General in Council. This is not an altogether satisfactory state of things. Of course, it is essential that we should have the power of legislating for the whole of British India; but we have not the least desire to encroach upon the province of local legislatures by passing Acts which are merely of local importance. And again, we do not want to be constantly placed in the position of being asked to do what I propose to-day that we should do; that is to say, to introduce special legislation for the purpose of removing technical difficulties of our own creation.

"It is much easier to see the difficulty than to devise a satisfactory remedy for it, because our powers, like the powers of the local legislatures, are entirely derived from, and limited by, Act of Parliament. When Parliament has said that a local legislature shall not have the power to repeal or amend an Act of the Governor General in Council, of course we cannot give it that power. But we have power to amend our own Acts; and it has occurred to me that possibly a partial remedy for the difficulty to which I have referred may be suggested by a provision which is to be found in the new Civil Procedure Code. The Civil Procedure Code extends to the whole of British India except the Scheduled Districts, but it contains, in section 4, a saving of certain local Acts. This saving is as follows:—

"'Save as provided in the second paragraph of section 3, nothing herein contained shall be deemed to affect the following enactments * * * * * * * or any law heretofore or hereafter passed under the Indian Councils Act, 1861, by a Governor or a Lieutenant-Governor in Council, prescribing a special procedure for suits between landholders and their tenants or agents,

"'or any law heretofore or hereafter passed under the Indian Councils Act, 1861, by a Governor or a Lieutenant-Governor in Council, providing for the partition of immoveable property.'

"The words to which I wish to call particular attention are "or hereafter passed,"—that is, the words which prevent the Act from affecting, not only past local Acts, but future local Acts. It has occurred to me that we might possibly, on the analogy of this section, amend such Acts as the Contract Act, the Evidence Act and the Easements Act, by enacting that their provisions shall not affect any Act hereafter passed by a local legislature for certain purposes. Those purposes would of course have to be very carefully considered and specified. The effect of such legislation would be to make it easier to extend the operation of such of these codifying Acts as have at present only a partial operation in India. The whole subject is involved in technical difficulties, and I call attention to it now for the purpose of inviting suggestion and criticism."

His Excellency THE PRESIDENT said:—"The question which has been raised by my hon'ble friend who has just spoken is undoubtedly important; it is also one of considerable difficulty, but well worthy of consideration. I should not be inclined to express any opinion on it myself at present and until I have had an opportunity of giving it fuller consideration. At the same time, I am much obliged to my hon'ble friend for having brought it to the notice of this Council, and, through the Council, to the notice of the public."

The Motion was put and agreed to.

PAPER CURRENCY ACT, 1871, AMENDMENT BILL.

Major the Hon'ble E. BARING presented the further Report of the Select Committee on the Bill to amend the Indian Paper Currency Act, 1871.

DEKKHAN AGRICULTURISTS' RELIEF ACT, 1879, AMENDMENT BILL.

The Hon'ble MR. HOPE moved that the Hon'ble Sir S. C. Bayley be added to the Select Committee on the Bill to amend the Dekkhan Agriculturists' Relief Act, 1879.

The Motion was put and agreed to.

The Council adjourned to Thursday, the 26th October, 1882.

D. FITZPATRICK,

SIMLA; *The 19th October, 1882.*

Secretary to the Government of India,

Legislative Department.

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SUPPLEMENT TO

The Gazette of India.

Nº 44.} CALCUTTA, SATURDAY, NOVEMBER 4, 1882.

OFFICIAL PAPERS.

A SUPPLEMENT *to the* GAZETTE OF INDIA *will be published from time to time, containing such Official Papers and information as the Government of India may deem to be of interest to the Public, and such as may usefully be made known.*

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GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

RAILWAY TRAFFIC.

RETURNS OF ACCIDENTS ON INDIAN RAILWAYS FOR THE SECOND QUARTER OF 1882.

No. 1040 R. T., dated Simla, the 19th October 1882.

RESOLUTION—By the Government of India, Public Works Department.

Read again—

Public Works Department Resolution No. 1300 R. T., dated 12th November 1881.
Public Works Department Resolution No. 725 R. T., dated 20th July 1882.

Read also—

Returns of accidents to trains, &c., on the open lines of railway in India for the quarter ended 30th June 1882.

OBSERVATIONS.—As compared with the corresponding quarter of the previous year, with an increase of 312 miles, or 3·24 per cent. in the open mileage, and of 308,460 miles, or 3·17 per cent. in the train mileage, the number of accidents to trains, rolling-stock, permanent-way, &c., shows an increase of 251 or 30·17 per cent. The numbers chiefly vary on the following railways:—

	Increase.	Decrease.
Eastern Bengal	14	...
South Indian	...	20
Great Indian Peninsula	114	...
Bombay, Baroda and Central India	21	...
Tirhoot	18	...
Muttra-Hathras	11	...
Rajputana-Malwa	18	...
Wardha Coal	38	...
Rangoon and Irrawaddy Valley	...	14
Punjab Northern	...	25
Indus Valley and Kandahar	52	...

2. The increase on the Eastern Bengal Railway mainly took place under "trains running over cattle on the line." The number of such accidents was 14 against 2.

3. Of the decrease of 20 accidents on the South Indian Railway, six were under "goods trains or parts of goods trains, engines, &c., leaving the rails," and 10 under "trains running over cattle on the line."

4. On the Great Indian Peninsula Railway the number of accidents from "goods trains or parts of goods trains, engines, &c., leaving the rails" increased from 12 to 42; the cattle accidents from 20 to 28; "slips in cuttings or embankments" from 4 to 20; cases of "fire in trains" from 9 to 61, and "other accidents" from 4 to 17. The accidents from failures of axles on this line diminished considerably, being only 1 against 8.

5. The increase on the Bombay, Baroda and Central India Railway occurred under several heads, the largest being under "miscellaneous accidents," which number 13 against 1.

6. On the Tirhoot Railway the number of "failures of machinery, springs, &c., of engines" rose from 5 to 16.

7. The whole of the increase on the Muttra-Hathras Railway took place under "broken rails," the number being 14 against 3.

8. On the Rajputana-Malwa Railway the accidents from "trains or engines travelling in the wrong direction through points" increased from 1 to 6; the cases of "trains running over cattle on the line" from 62 to 76, and the "miscellaneous accidents" from 2 to 37, while the number of "collisions between goods trains or parts of goods trains" decreased from 11 to 1, the number of accidents from "goods trains or parts of goods trains, engines, &c., leaving the rails" from 8 to 1, and the number of cases of broken rails from 11 to *nil*.

9. The increase on the Wardha Coal Railway was chiefly under "failure of machinery, &c.," "failure of tyres," and "fire in trains." The numbers of accidents under these heads rose from *nil*, 4 and 7 to 8, 14 and 23, respectively.

10. The decrease on the Rangoon and Irrawaddy Valley Railway principally took place under "trains running over cattle on the line" and "trains running over obstructions on the line." Under the former head there was 1 against 10, and under the latter *nil* against 3.

11. The number of accidents on the Punjab Northern Railway decreased by 25; 8 under "goods trains or parts of goods trains leaving the rails" and the remainder under other heads.

12. The large increase on the Indus Valley and Kandahar Railway was due to there being 63 cases of cattle accidents against 42, and 28 cases of "fire in trains" against 3.

13. The casualties resulting from accidents to trains, &c., were among passengers 1 killed and 9 injured, against 4 killed and 44 injured; and among servants 13 killed and 16 injured, against 1 killed and 13 injured. Of the casualties to servants 4 were killed on the Great Indian Peninsula Railway by a collision which took place on 1st June 1882 between a goods train and a pump truck which had been blown out of the station by a severe storm, and 1 killed and 5 injured on the Madras Railway by a wagon while being shunted getting away and colliding with an Inspector's trolly.

14. The following table exhibits the number of accidents under the different classes, and the number of persons killed and injured thereby:—

Description of accidents.	Number of accidents.	Number of passengers and others.		Number of servants.		Total.	
		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
Collisions between passenger trains or parts of passenger trains	1	...	...	...	...	...	...
Collisions between passenger trains and goods or mineral trains, engines, and vehicles standing foul of the line	11	...	...	...	...	...	...
Collisions between goods trains or parts of goods trains	28	...	...	3	8	3	8

Description of accidents.	Number of accidents.	Number of passengers and others.		Number of servants.		Total.	
		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
Collisions between light engines	2	...	...	...	...	...	...
Passenger trains or parts of passenger trains leaving the rails	10	...	4	...	...	...	4
Goods trains or parts of goods trains, engines, &c., leaving the rails	109	...	...	1	...	1	...
Trains or enginest ravelling in the wrong direction through points	14	...	...	...	...	...	...
Trains running into stations or sidings at too high a speed	1	...	...	...	...	...	...
Ditto over cattle on the line	378	...	1	...	...	...	1
Ditto „ obstructions on the line	43	1	2	2	5	3	7
Ditto through gates at level-crossings	13	...	...	1	1	1	1
The bursting of boilers or tubes, &c., of engines	16	...	...	2	...	2	...
The failure of machinery, springs, &c., of engines	71	...	...	...	...	...	...
Ditto of tyres	15	...	...	...	...	...	...
Ditto of wheels	1	...	...	...	...	...	...
Ditto of axles	12	...	...	...	...	...	...
Ditto of couplings	18	...	...	...	...	...	...
Ditto of tunnels, bridges. viaducts, culverts, &c.	2	...	...	...	...	...	...
Broken rails	16	...	...	...	...	...	...
The flooding of portions of permanent-way	13	...	...	...	...	...	...
Slips in cuttings or embankments	22	...	...	...	...	...	...
Fire in trains	168	...	1	...	...	...	1
Fire at stations, involving injury to bridges or viaducts	26	...	...	...	...	...	...
Other accidents	93	...	1	4	2	4	3
Total	1,083	1	9	13	16	14	25

15. The number of "goods trains or parts of goods trains, engines, &c., leaving the rails" increased from 74 to 109, of which 14 or 13 per cent. occurred on the Sind, Punjab and Delhi Railway, and 42, or 39 per cent., occurred on the Great Indian Peninsula Railway.

16. The number of "failure of tyres" was the largest on the Wardha Coal Railway, being 14 out of a total of 15.

17. There were 168 cases of "fire in trains" against 51. Sixty-seven per cent. of these accidents occurred on the Great Indian Peninsula, Wardha Coal, and Indus Valley and Kandahar Railways, there being 61, or 36 per cent., on the Great Indian Peninsula, 23, or 14 per cent., on the Wardha Coal, and 28, or 17 per cent., on the Indus Valley and Kandahar Railway.

18. The failures of machinery, &c., of engines were very numerous on the Indus Valley and Kandahar, Tirhoot and Rajputana-Malwa Railways, being 17, 16 and 12 respectively out of a total of 71.

19. Of the 378 cattle accidents reported, more than half occurred on the South Indian, Rajputana-Malwa, and Indus Valley and Kandahar Railways, the numbers being 52, 76 and 63 respectively.

20. Rails broke in 16 instances, of which 14 were reported on the Muttra-Hathras Railway.

21. The accidents from "slips in cuttings or embankments" numbered 22, of which 20 occurred on the Great Indian Peninsula Railway alone.

22. Under "fire at stations or involving injury to bridges or viaducts," the number of accidents rose from 8 to 26, of which 5 took place on the East Indian and 6 on the Sind, Punjab and Delhi Railways.

23. The miscellaneous accidents increased from 33 to 93, of which 17 occurred on the Great Indian Peninsula, 16 on the Bombay, Baroda and Central India, and 37 on the Rajputana-Malwa Railway.

24. The casualties to passengers from "causes other than accidents to trains, &c.," were—

	Killed.	Injured.
From falling between carriages and platforms	1	2
Falling on to the platform, ballast, &c., when getting into or out of trains	1	1
Whilst crossing the line at stations	1	2
By closing of carriage doors	...	1
Falling out of carriages during the travelling of trains	1	19
Other accidents	...	2
Total	4	27

And the accidents to servants in the employ of railways or of contractors whilst performing duties connected directly with transit of passengers and goods from "causes other than accidents to trains, &c.," were —

	Killed.	Injured.
During shunting operations	8	13
Falling off engines, vans, wagons, &c.	6	20
Coming in contact with overbridges, &c., during the travelling of trains	...	1
Getting on or off trains, engines, &c.	2	13
Whilst loading, unloading or sheeting	1	8
Whilst breaking, spragging or chocking wheels	...	1
Whilst working at cranes or capstans	...	1
Whilst working on the permanent-way or in sidings	...	2
Whilst working, crossing, or standing on the line	4	7
Whilst passing between vehicles	2	1
Whilst attending to the machinery of engines, cleaning them, &c.	...	1
Whilst attending to gates at level-crossings	2	2
Falling or being caught between vehicles and platforms	1	1
Falling off ladders, scaffolds, platforms, &c.	...	2
By falling of lamps, wagon doors, timber, weights, &c.	1	1
Whilst coupling or uncoupling wagons	2	11
Miscellaneous	...	23
TOTAL	29	108

25. Of "other persons" killed and injured by running trains, &c., 7 were killed and 1 injured whilst passing over line at level-crossings; 19 killed and 8 injured whilst trespassing on the line; 7 committed suicide; and 8 were killed, and one injured from miscellaneous causes.

26. The following table exhibits the total number of persons killed and injured from causes connected with the working of trains as compared with those in the previous corresponding quarter:—

	2ND QUARTER, 1881.		2ND QUARTER, 1882.	
	Killed.	Injured.	Killed.	Injured.
PASSENGERS.				
From causes beyond their own control	5	44	...	10
From misconduct or want of caution	6	37	5	26
SERVANTS.				
From causes beyond their own control	2	18	16	33
From misconduct or want of caution	50	74	26	91
OTHERS.				
Whilst passing at level-crossings	5	1	7	1
Trespassers, including suicides	36	7	26	8
Other persons	5	2	3	1
TOTAL	109	183	83	170

27. In addition to the above, 9 persons are reported to have been killed and 34 injured in yards, workshops, &c., and 72 passengers to have met death in carriages and at stations from causes unconnected with the working of trains.

RESOLUTION.—The attention of the Governments, Administrations and Officers concerned should be invited to the large number of accidents from "goods trains or parts of goods trains, engines, &c., leaving the rails" and "fire in trains" on the Great Indian Peninsula Railway, the increase under cattle accidents on the Rajputana-Malwa Railway, "failures of machinery, &c.," on the [illegible] "broken rails" on the Muttra-Hathras Railway, "failure of

tyres" and "fire in trains" on the Wardha Coal Railway, and "trains running over cattle" and "fire in trains" on the Indus Valley and Kandahar Railway.

The attention of the Madras Government should be invited to the fact that, owing to the late submission of some of the figures for tables Nos. 3 and 4 of the Madras and South Indian Railways, the general return has been left incomplete.

ORDER.—Ordered, that this Resolution be forwarded to the Governments, Administrations, and Officers noted in the margin for information, together with copies of the returns compiled.

The Governments of Madras, Bombay, Bengal, the North-Western Provinces and Oudh, and the Punjab.
The Chief Commissioners, Central Provinces, British Burma, and Assam.
The Resident at Hyderabad.
The Agents to the Governor General for Rajputana, Central India and Biluchistan.
The Director General of Railways.
The Consulting Engineers to the Government of India for Guaranteed Railways, Calcutta, Lahore and Lucknow.

Ordered also, that copies be forwarded to the Secretary of State for the information of Her Majesty's Government.

Ordered further, that this Resolution, with the Abstract Returns, be published in the Supplement to the *Gazette of India*.

FRED. FIREBRACE, *Major, R.E.*,
Under Secretary.

GENERAL TABLE

Persons reported during the Second Quarter of 1882 as KILLED or INJURED on the several RAILWAYS open for Traffic in INDIA, distinguishing between PASSENGERS, RAILWAY SERVANTS and OTHER PERSONS; and distinguishing also, in the case of the two former Classes, between ACCIDENTS happening from Causes beyond their own Control, and ACCIDENTS happening otherwise.

Mean Mileage open.	RAILWAYS.		PASSENGERS.						RAILWAY SERVANTS OR SERVANTS OF CONTRACTORS.						OTHER PERSONS.								TOTAL ALL CLASSES.	
			From Causes beyond their own Control.		From their own Misconduct or want of Caution.		Total.		From Causes beyond their own Control.		From their own Misconduct or want of Caution.		Total.		Whilst passing over Railways at Level-Crossings.		Trespassers and Suicides.		Miscellaneous not included in preceding Columns.		Total.			
			Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
GUARANTEED.																								
1,582¾	East Indian (including State Lines worked as Branches)	1881	...	2	1	19	1	21	...	9	4	14	4	23	2	...	10	1	1	...	13	1	18	45
1,595		1882	...	4	1	3	1	7	...	9	7	28	7	37	...	...	11	2	...	...	11	2	19	46
171¾	Eastern Bengal	1881	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	1	...
172¾		1882	...	...	...	...	...	...	...	1	2	1	2	2	1	...	3	1	...	...	4	1	6	3
547	Oudh and Rohilkhand	1881	...	...	...	...	...	...	...	...	1	7	1	7	...	...	1	1	1	...	2	1	3	8
547		1882	...	...	...	2	..	2	1	...	1	3	2	3	...	...	3	1	...	...	3	1	5	6
663¾	Sind, Punjab and Delhi	1881	4	20	...	6	4	26	...	2	5	8	5	10	...	...	...	1	...	...	...	1	9	37
(a) 663¾		1882	...	2	...	7	...	9	2	4	1	7	3	11	...	...	3	...	...	...	3	...	6	20
858	Madras	1881	...	1	...	1	...	2	...	...	2	2	2	2	...	...	4	...	...	...	4	...	6	4
858		1882	...	...	1	3	1	3	1	5	1	4	2	9	...	...	...	...	1	...	1	...	4	12
655	South Indian	1881	...	...	...	1	...	1	...	...	1	6	1	6	...	...	2	1	...	...	2	1	3	8
655		1882	...	...	...	...	...	...	..	1	...	3	...	4	1	1	...	1	...	...	1	2	1	6
1,448	Great Indian Peninsula	1881	...	5	...	2	...	7	...	1	13	10	13	11	1	...	4	...	...	...	5	...	18	18
1,450¼		1882	...	1	...	1	...	2	8	7	4	22	12	29	...	...	2	1	...	...	2	1	14	32
444	Bombay, Baroda and Central India	1881	...	14	4	...	4	14	...	...	9	8	9	8	1	...	1	...	...	...	2	...	15	22
460¼		1882	...	...	1	...	1	...	2	...	2	9	4	9	2	...	...	...	...	...	2	...	7	9
28	Calcutta and South-Eastern	1881	...	...	...	...	...	...	..	...	...	...	...	...	...	...	2	...	...	...	2	...	2	...
29		1882	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
274	Nalhati	1881	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
274		1882	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	Northern Bengal	1881	...	...	...	...	...	...	...	...	1	3	1	3	...	...	...	...	...	...	...	...	1	3
...		1882	...	...	...	1	...	1	1	1	...	2	1	5	...	...	...	...	...	...	...	...	1	6
STATE.																								
28	Tirhoot	1881	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	1	...
		1882	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	2	...	2	...
57	Patna-Gya	1881	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	2	...	2	...
57		1882	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
29	Muttra-Háthras	1881	...	...	...	...	..	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...
29		1882	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
86	Cawnpore-Farukhabad	1881	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	1	...	1	...	1	1
86½		1882	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	1	...	1
1,015½	Rajputana-Malwa System	1881	...	...	1	3	1	3	1	1	7	3	8	4	1	1	5	1	...	...	6	2	15	9
1,139½		1882	...	...	1	4	1	4	...	...	5	2	5	2	1	...	...	...	...	...	1	...	7	6
192½	Bhavnagar-Gondal	1881	...	...	...	...	...	...	...	...	2	1	2	1	...	...	1	...	...	...	1	...	3	1
194		1882	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
45	Wardha Coal	1881	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	1
45		1882	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...
64½	Nágpur-Chhattísgarh	1881	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
98		1882	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
161	Rangoon and Irrawaddy Valley	1881	...	...	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	2	..	2	...	3
161		1882	...	...	...	...	...	...	...	...	...	1	...	1	...	...	1	...	...	...	1	...	1	1
362½	Punjab Northern	1881	1	2	...	3	1	5	1	4	2	2	3	6	...	...	2	1	...	...	2	1	6	12
397		1882	...	1	...	4	...	5	...	...	1	5	1	5	...	...	...	2	1	...	1	2	2	12
640	Indus Valley and Kandahar	1881	...	...	...	2	...	2	...	...	2	7	2	7	...	...	1	1	2	...	3	1	5	10
660		1882	...	2	1	1	1	3	1	3	2	3	3	6	...	...	2	...	...	..	2	...	6	9
59½	Gaekwar of Baroda's	1881	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	1
59½		1882	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...
121	Nizam's	1881	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...
121		1882	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
58	Mysore	1881	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...
86		1882	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	1
...	Kaunia-Dhurla (Steam Tramway)	1881	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
32		1882	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	2	...	2	...
9,629	Total	1881	5	44	8				18	50	74	52	92	5	1	36	7	5	2	48	10	106	126	
9,681		1882																						

TABLE No. 2.

NUMBER of PERSONS reported during the Second Quarter of 1882, as KILLED or INJURED on the several RAILWAYS open for Traffic in INDIA, distinguishing between PASSENGERS, RAILWAY SERVANTS, and OTHER PERSONS; and classifying, as far as practicable, the Nature and Causes of the Accidents occasioning the Death or Injury.

PASSENGERS.

RAILWAYS.	From accidents to trains, &c. See Table No. 4. Killed.	Injured.	1.—From falling between carriages and platforms. Killed.	Injured.	2.—Falling on to the platform, ballast, &c., when getting into or out of trains. Killed.	Injured.	3.—Whilst crossing the line at Stations. Killed.	Injured.	4.—By closing of carriage doors. Killed.	Injured.	5.—Falling out of carriages during the travelling of trains. Killed.	Injured.	6.—Other accidents. Killed.	Injured.	TOTAL. Killed.	Injured.	TOTAL PASSENGERS. Killed.	Injured.
East Indian (including State Lines worked as Branches).	...	4	1	2	...	...	...	...	...	...	...	1	...	...	1	3	1	7
Eastern Bengal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Oudh and Rohilkhand	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	2	...	2
Sind, Punjab and Delhi	...	...	...	...	...	...	...	...	...	...	...	9	...	...	...	9	...	9
Madras	...	1	...	...	...	...	1	2	...	...	...	...	...	...	1	2	1	3
South Indian	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Great Indian Peninsula	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	2
Bombay, Baroda and Central India.	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	1	...
Calcutta and South-Eastern	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nalbáti	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Northern Bengal	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	1
Tirhoot	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Patna-Gya	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Muttra-Háthras	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cawnpore-Farukhabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rajputana-Malwa System	...	2	...	...	1	1	...	...	...	...	...	1	...	...	1	2	1	4
Bhavnagar-Gondal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Wardha Coal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nágpur-Chhattísgarh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rangoon and Irrawaddy Valley	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Punjab Northern	...	...	...	...	...	...	...	...	...	1	...	3	...	1	...	5	...	5
Indus Valley and Kandahar	1	1	...	...	...	...	...	...	...	...	...	2	...	...	...	2	1	3
Gaekwar of Baroda's	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nizam's	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mysore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
[illegible]-Dhuria (Steam Tramway)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
[illegible] 1882	1	9	1	2	1	1	1	2	...	1	1	19	...	2	4	27	5	36
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]	1	1	28	4	3	7	30	11	81

SERVANTS.

RAILWAYS.	From accidents to trains, &c. See Table No. 4. Killed.	Injured.	1.—During shunting operations. Killed.	Injured.	2.—Falling off engines, vans, wagons, &c. Killed.	Injured.	3.—Coming in contact with over-bridges, &c., during the travelling of trains. Killed.	Injured.	4.—Coming in contact, whilst shunting, with vehicles, &c., standing in adjoining lines. Killed.	Injured.	5.—Getting on or off trains, engines, &c. Killed.	Injured.	6.—Whilst loading, unloading or sheeting. Killed.	Injured.
East Indian (including State Lines worked as Branches).	...	...	3	4	2	3	...	...	...	...	...	5	...	4
Eastern Bengal	...	...	...	...	...	1	...	...	...	...	...	...	...	...
Oudh and Rohilkhand	...	...	1	2	...	1	...	...	...	...	1	...	...	...
Sind, Punjab and Delhi	2	3	...	2	...	1	...	...	...	...	1	2	...	...
Madras	1	5	...	...	1	1	...	...	...	...	...	...	...	...
South Indian	...	...	...	...	...	1	...	...	...	...	...	...	...	...
Great Indian Peninsula	8	7	...	1	...	2	...	1	...	...	...	5	...	1
Bombay, Baroda and Central India.	2	1	...	1	...	1	...	...	...	...	...	...	...	3
Calcutta and South-Eastern	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nalbáti	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Northern Bengal	...	...	1	1	...	3	...	...	...	...	...	...	...	...
Tirhoot	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Patna-Gya	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Muttra-Háthras	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cawnpore-Farukhabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rajputana-Malwa System	...	...	2	1	1	...	...	...	...	...	...	...	1	...
Bhavnagar-Gondal	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Wardha Coal	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nágpur-Chhattísgarh	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rangoon and Irrawaddy Valley	...	...	...	1	...	...	...	...	...	...	...	...	...	...
Punjab Northern	...	...	1	...	...	1	...	...	...	...	...	1	...	...
Indus Valley and Kandahar	...	...	...	...	2	4	...	...	...	...	...	...	...	...
Gaekwar of Baroda's	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nizam's	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mysore	...	...	...	...	...	1	...	...	...	...	...	...	...	...
[illegible]-Dhuria (Steam Tramway)	...	...	...	...	...	...	...	...	...	...	...	...	...	...
[illegible] 1882	13	16	8	13	6	20	...	1	...	...	2	[illegible]	[illegible]	[illegible]
[illegible]	1	13	5	16	4	10	1	3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

SERVANTS (continued). FROM CAUSES OTHER THAN ACCIDENTS TO TRAINS, &c.

RAILWAYS.	7.—Whilst breaking, sprag-ging or checking wheels. Killed.	Injured.	8.—Whilst working at cranes or capstans. Killed.	Injured.	9.—Whilst working on the permanent-way or in sidings. Killed.	Injured.	10.—Whilst walking along the line on the way home or to work. Killed.	Injured.	11.—Whilst walking, crossing, or standing on the line. Killed.	Injured.	12.—Whilst passing between vehicles. Killed.	Injured.	13.—Whilst attending to the machinery of engines, cleaning them, &c. Killed.	Injured.
East Indian (including State Lines worked as Branches).	...	...	...	...	...	1	...	...	...	2	1	...	...	1
Eastern Bengal	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Oudh and Rohilkhand	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sind, Punjab and Delhi	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Madras	...	...	...	...	...	...	...	...	...	1	...	...	...	...
South Indian	...	...	...	...	...	...	...	...	...	1	...	...	...	...
Great Indian Peninsula	...	1	...	1	...	...	...	...	2	2	...	...	...	...
Bombay, Baroda and Central India.	...	...	...	...	...	...	...	...	2	...	...	...	...	...
Calcutta and South-Eastern	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nalbáti	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Northern Bengal	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tirhoot	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Patna-Gya	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Muttra-Háthras	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cawnpore-Farukhabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rajputana-Malwa System	...	...	...	...	...	...	...	...	...	1	1	...	...	...
Bhavnagar-Gondal	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Wardha Coal	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nágpur-Chhattísgarh	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rangoon and Irrawaddy Valley	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Punjab Northern	...	...	...	...	...	1	...	...	...	...	...	1	...	...
Indus Valley and Kandahar	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gaekwar of Baroda's	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nizam's	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mysore	...	...	...	...	...	...	...	...	...	...	...	...	...	...
[illegible]-Dhuria (Steam Tramway)	...	...	...	...	...	...	...	...	...	...	...	...	...	...
[illegible] 1882	[illegible]	1	...	1	...	2	...	...	4	7	2	1	...	1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1	1	7	1	9	8	1	1	1	6

SERVANTS (continued).

RAILWAYS.	14.—Whilst attending to gates at level-crossings. Killed.	Injured.	15.—Falling or being caught between vehicles and platforms. Killed.	Injured.	16.—Falling off ladders, scaffolds, platforms, &c. Killed.	Injured.	17.—By falling of lamps, wagon-doors, timber, weights, &c. Killed.	Injured.	18.—Whilst coupling or uncoupling wagons. Killed.	Injured.	19.—Miscellaneous. Killed.	Injured.	TOTAL. Killed.	Injured.	TOTAL SERVANTS. Killed.	Injured.
East Indian (including State Lines worked as Branches).	1	...	...	...	...	1	...	...	...	3	...	13	7	37	7	37
Eastern Bengal	1	...	...	...	...	...	1	...	...	...	...	1	2	2	2	2
Oudh and Rohilkhand	...	...	...	...	...	...	...	...	...	...	...	...	2	3	2	3
Sind, Punjab and Delhi	...	...	...	...	...	...	...	...	...	1	...	2	1	8	3	11
Madras	...	...	...	...	...	...	...	...	...	2	...	...	1	4	2	9
South Indian	...	...	...	...	...	1	...	...	...	...	...	1	...	4	...	4
Great Indian Peninsula	...	...	...	...	...	...	...	...	2	4	...	4	4	22	12	29
Bombay, Baroda and Central India.	...	1	...	1	...	...	...	...	...	...	...	1	2	8	4	9
Calcutta and South-Eastern	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nalbáti	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Northern Bengal	...	...	...	...	...	...	...	...	...	...	...	1	1	5	1	5
Tirhoot	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Patna-Gya	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Muttra-Háthras	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cawnpore-Farukhabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rajputana-Malwa System	...	...	...	...	...	...	...	...	...	...	...	...	5	2	5	2
Bhavnagar-Gondal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Wardha Coal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nágpur-Chhattísgarh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rangoon and Irrawaddy Valley	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1
Punjab Northern	...	...	...	...	...	...	...	...	...	1	...	...	1	5	1	5
Indus Valley and Kandahar	...	1	1	...	...	...	...	1	...	...	...	...	3	6	3	6
Gaekwar of Baroda's	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nizam's	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mysore	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1
[illegible]-Dhuria (Steam Tramway)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
[illegible] 1882	2	2	1	1	...	2	1	1	2	11	...	23	29	108	42	124
[illegible]	1	...	...	2	1	...	2	2	6	8	3	11	51	79	52	92

OTHERS.

RAILWAYS.	Whilst passing over the line at level-crossings. Killed.	Injured.	Trespassers. Killed.	Injured.	Suicides. Killed.	Injured.	Miscellaneous. Killed.	Injured.	TOTAL OTHERS. Killed.	Injured.	TOTAL ALL CLASSES. Killed.	Injured.
East Indian (including State Lines worked as Branches).	...	...	6	2	5	...	...	...	11	2	19	[illegible]
Eastern Bengal	1	...	3	1	...	...	...	...	4	1	6	[illegible]
Oudh and Rohilkhand	...	...	2	1	1	...	...	...	3	1	5	[illegible]
Sind, Punjab and Delhi	...	...	2	...	1	...	...	...	3	...	6	[illegible]
Madras	...	...	...	...	...	...	1	...	1	...	4	[illegible]
South Indian	1	1	...	1	...	...	...	...	1	2	1	[illegible]
Great Indian Peninsula	...	...	2	1	...	...	...	...	2	1	14	[illegible]
Bombay, Baroda and Central India.	2	...	...	...	...	...	...	...	[illegible]	...	[illegible]	[illegible]
Calcutta and South-Eastern	...	...	...	...	...	...	...	...	...	...	...	...
Nalbáti	...	...	...	...	...	...	...	...	...	...	...	...
Northern Bengal	...	...	...	...	...	...	...	...	...	...	[illegible]	[illegible]
Tirhoot	...	...	1	...	...	...	1	...	2	...	2	[illegible]
Patna-Gya	...	...	...	...	...	...	...	...	...	...	...	...
Muttra-Háthras	...	...	...	...	...	...	...	...	...	...	...	...
Cawnpore-Farukhabad	...	...	...	...	...	...	...	1	...	1	[illegible]	[illegible]
Rajputana-Malwa System	1	...	...	...	...	...	...	...	1	...	7	[illegible]
Bhavnagar-Gondal	...	...	...	...	...	...	...	...	...	...	...	...
Wardha Coal	...	...	...	...	...	...	...	...	...	...	...	...
Nágpur-Chhattísgarh	...	...	...	...	...	...	...	...	...	...	...	...
Rangoon and Irrawaddy Valley	...	...	1	...	...	...	...	...	1	...	1	[illegible]
Punjab Northern	...	...	...	2	...	...	1	...	1	2	2	[illegible]
Indus Valley and Kandahar	...	...	2	...	...	...	...	...	2	...	6	[illegible]
Gaekwar of Baroda's	...	...	...	...	...	...	...	...	...	...	...	...
Nizam's	...	...	...	...	...	...	...	...	...	...	...	...
Mysore	...	...	...	...	...	...	...	...	...	...	...	[illegible]
[illegible]-Dhuria (Steam Tramway)	2	...	...	...	...	...	...	...	2	...	2	[illegible]
[illegible] 1882	7	1	19	8	7	...	3	1	36	10	83	[illegible]
[illegible]	5	1	30	7	6	...	5	2	46	10	[illegible]	[illegible]

TABLE [illegible]

[illegible] to Trains, Rolling-Stock, Permanent-way, &c., reported during the Second Quarter of 1882 as having occurred on the several Railways open for Traffic in India, distinguishing the different Classes of Accidents, and the Number of Passengers and others, and of Railway Servants, Killed or Injured in each Class of Accidents.

SEE ALSO TABLE No. 4.

	East Indian (including State Lines worked as Branches).							Eastern Bengal.							Oudh and Rohilkhand.							Sind, Punjab and Delhi.						
	No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.	
		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
1. Collisions between passenger trains, or parts of passenger trains	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...
2. Collisions between passenger trains and goods or mineral trains, engines and vehicles standing foul of the line	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...
3. Collisions between goods trains, or parts of goods trains	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	...	...	...	...	...	...
4. Collisions between light engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5. Passenger trains, or parts of passenger trains, leaving the rails	2	...	4	...	...	...	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...
6. Goods trains, or parts of goods trains, engines, &c., leaving the rails	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	14	...	...	...	...	...	...
7. Trains or engines travelling in the wrong direction through points	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...
8. Trains running into stations or sidings at too high a speed	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9. Trains running over cattle on the line	25	...	...	...	...	...	...	14	...	...	...	...	...	...	22	...	...	...	...	...	...	6	...	...	...	...	...	...
10. Ditto over obstructions on the line	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	...	2	3	2	3
11. Ditto through gates at level-crossings	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...
12. The bursting of boilers or tubes, &c., of engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8	...	...	...	...	...	...
13. The failure of machinery, springs, &c., of engines	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	...	...	...	...	...
14. Ditto of tyres	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15. Ditto of wheels	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16. Ditto of axles	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...
17. Ditto of brake apparatus	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18. Ditto of couplings	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...
19. Ditto of tunnels, bridges, viaducts, culverts, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20. Broken rails	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...
21. The flooding of portions of permanent-way	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22. Slips in cuttings or embankments	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23. Fire in trains	4	...	...	...	...	...	...	1	...	...	...	...	...	...	6	...	...	...	...	...	...	6	...	...	...	...	...	...
24. Fire at stations, or involving injury to bridges or viaducts	5	...	...	...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	6	...	...	...	...	...	...
25. Other accidents	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10	...	...	...	...	...	...
Total all Classes	58	...	4	...	...	...	4	19	...	...	...	...	...	...	29	...	...	...	...	...	...	69	...	...	2	3	2	3
Number of Passenger-miles	167,447,677							20,731,206							38,183,891							66,735,774						
„ of Servants employed	22,810							5,463							4,983							13,857						
Train-mileage of all descriptions	2,201,935							165,524							439,738							695,591						

Table No. 3.—Accidents to Trains, Rolling-Stock, Permanent-way, &c., reported during the Second Quarter of 1882, &c.,—*continued*.

SEE ALSO TABLE No. 4.

	Madras.							South Indian.							Great Indian Peninsula.							Bombay Baroda and Central India.							Calcutta and South-Eastern.						
	No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.	
		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
1. Collisions between passenger trains, or parts of passenger trains	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2. Collisions between passenger trains and goods or mineral trains, engines and vehicles standing foul of the line	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3. Collisions between goods trains, or parts of goods trains	2	...	...	1	5	1	5	1	...	...	...	...	...	...	12	...	...	2	3	2	3	1	...	...	...	...	...	...	...	...	...	...	...	...	...
4. Collisions between light engines	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5. Passenger trains, or parts of passenger trains, leaving the rails	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...
6. Goods trains, or parts of goods trains, engines, &c., leaving the rails	7	...	...	...	...	...	...	1	...	...	...	...	...	...	42	...	...	1	...	1	...	6	...	...	...	...	...	...	5	...	...	...	...	...	...
7. Trains or engines travelling in the wrong direction through points	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...
8. Trains running into stations or sidings at too high a speed	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...
9. Trains running over cattle on the line	20	...	...	...	...	...	...	52	...	...	...	...	...	...	28	...	...	...	...	...	...	3	...	...	...	...	...	...	11	...	...	...	...	...	...
10. Ditto over obstructions on the line	4	...	...	...	...	...	...	1	...	...	...	...	...	...	4	...	...	...	2	...	2	4	...	...	...	...	...	...	1	...	...	...	...	...	...
11. Ditto through gates at level-crossings	...	...	...	...	...	...	...	4	...	...	...	...	...	...	2	...	...	1	...	1	...	1	...	...	...	1	...	1	...	...	...	...	...	...	...
12. The bursting of boilers or tubes, &c., of engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	2	...	2	...	...	...	...	...	...	...	...
13. The failure of machinery, springs, &c., of engines	...	...	...	...	...	...	...	1	...	...	...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14. Ditto of tyres	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15. Ditto of wheels	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16. Ditto of axles	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17. Ditto of brake apparatus	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...
18. Ditto of couplings	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19. Ditto of tunnels, bridges, viaducts, culverts, &c.	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20. Broken rails	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21. The flooding of portions of permanent-way	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	...	...	...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	...	...	...
22. Slips in cuttings or embankments	...	...	...	...	...	...	...	...	...	...	...	...	...	...	20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23. Fire in trains	16	...	1	...	...	...	1	2	...	...	...	...	...	...	61	...	...	...	...	...	...	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24. Fire at stations, or involving injury to bridges or viaducts	1	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
25. Other accidents	...	...	...	...	...	...	...	1	...	...	...	...	...	...	17	...	1	4	2	4	3	13	...	...	...	...	...	...	...	...	...	...	...	...	...
Total all Classes	53	...	1	1	5	1	6	65	...	...	...	...	...	...	199	...	1	8	7	8	8	44	...	...	2	1	2	1	18	...	...	...	...	...	...
Number of Passenger-miles	(a)							(a)							95,922,636							55,977,164							1,826,214						
„ of Servants employed	(a)							(a)							21,495							5,822							180						
Train-mileage of all descriptions	(a)							(a)							2,606,859							528,140							11,471						

TABLE No. 3.—ACCIDENTS to TRAINS, ROLLING-STOCK, PERMANENT-WAY, &c., reported during the Second Quarter of 1882, &c.,—*continued.*

SEE ALSO TABLE No. 4.

	NALHATI.							NORTHERN BENGAL.							TIRHOOT.							PATNA-GYA.							MUTTRA-HATHRAS.						
	No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.	
		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
1. Collisions between passenger trains, or parts of passenger trains	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2. Collisions between passenger trains and goods or mineral trains, engines and vehicles standing foul of the line	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3. Collisions between goods trains, or parts of goods trains	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4. Collisions between light engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5. Passenger trains, or parts of passenger trains, leaving the rails	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6. Goods trains, or parts of goods trains, engines, &c., leaving the rails	...	...	...	...	...	...	...	7	...	...	...	...	...	...	2	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...
7. Trains or engines travelling in the wrong direction through points	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8. Trains running into stations or sidings at too high a speed	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9. Trains running over cattle on the line	3	...	...	...	...	...	...	8	...	...	...	...	...	...	1	...	...	...	...	...	...	8	...	...	...	...	...	...	...	1	...	...	...	...	...	...
10. Ditto over obstructions on the line	...	...	...	...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11. Ditto through gates at level crossings	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12. The bursting of boilers or tubes, &c., of engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13. The failure of machinery, springs, &c., of engines	1	...	...	...	...	...	...	...	...	...	...	...	...	...	16	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14. Ditto of tyres	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15. Ditto of wheels	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16. Ditto of axles	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17. Ditto of brake apparatus	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18. Ditto of couplings	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19. Ditto of tunnels, bridges, viaducts, culverts, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20. Broken rails	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	14	...	...	...	...	...
21. The flooding of portions of permanent-way	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22. Slips in cuttings of embankments	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23. Fire in trains	1	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24. Fire at stations, or involving injury to bridges or viaducts	...	...	...	...	...	...	...	2	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
25. Other accidents	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
TOTAL ALL CLASSES	5	...	...	...	...	...	...	25	...	...	...	...	...	...	26	...	...	...	...	...	...	12	...	...	...	...	...	...	15	...	...	...	...	...	...
Number of Passenger miles			642,260							7,737,848							4,403,097							4,235,664							1,798,700				
„ of Servants employed			175							1,672							1,025							504							105				
Train-mileage of all descriptions			10,023							141,468							64,034							38,668							10,788				

TABLE No. 3.—ACCIDENTS to TRAINS, ROLLING-STOCK, PERMANENT-WAY, &c., reported during the Second Quarter of 1882, &c.,—*continued.*

SEE ALSO TABLE No. 4.

	CAWNPORE-FARUKHABAD.							RAJPUTANA-MALWA STATE.							BHAVNAGAR-GONDAL.							WARDHA COAL.							NAGPUR-CHHATTISGARH.						
	No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.	
		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
1. Collisions between passenger trains, or parts of passenger trains	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2. Collisions between passenger trains and goods or mineral trains, engines and vehicles standing foul of the line	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3. Collisions between goods trains, or parts of goods trains	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4. Collisions between light engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5. Passenger trains, or parts of passenger trains, leaving the rails	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6. Goods trains, or parts of goods trains, engines, &c., leaving the rails	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	4	...	...	...	...	...	...	2	...	...	...	...	...	...
7. Trains or engines travelling in the wrong direction through points	...	...	...	...	...	...	...	6	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...
8. Trains running into stations or sidings at too high a speed	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9. Trains running over cattle on the line	11	...	...	...	...	...	...	76	...	1	...	...	...	1	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10. Ditto over obstructions on the line	...	...	...	...	...	...	...	9	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11. Ditto through gates at level crossings	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12. The bursting of boilers or tubes, &c., of engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13. The failure of machinery, springs, &c., of engines	...	...	...	...	...	...	...	12	...	...	...	...	...	...	...	...	...	...	...	...	...	8	...	...	...	...	...	...	1	...	...	...	...	...	...
14. Ditto of tyres	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	14	...	...	...	...	...	...	...	...	...	...	...	...	...
15. Ditto of wheels	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...
16. Ditto of axles	...	...	...	...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17. Ditto of brake apparatus	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18. Ditto of couplings	...	...	...	...	...	...	...	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...
19. Ditto of tunnels, bridges, viaducts, culverts, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20. Broken rails	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21. The flooding of portions of permanent-way	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22. Slips in cuttings or embankments	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23. Fire in trains	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	23	...	...	...	...	...	...	1	...	...	...	...	...	...
24. Fire at stations, or involving injury to bridges or viaducts	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
25. Other accidents	...	...	...	...	...	...	...	37	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
TOTAL ALL CLASSES	12	...	...	...	...	...	...	161	...	2	...	...	...	2	5	...	...	...	...	...	...	51	...	...	...	...	...	...	5	...	...	...	...	...	...
Number of Passenger miles			4,410,900							82,633,146							7,961,924							830,257							3,288,632				
„ of Servants employed			383							9,261							633							(a) 394							1,458				
Train mileage of all descriptions			34,561							1,024,727							98,781							23,017							55,666				

(a) Servants employed in colliery.

TABLE No. 3.—ACCIDENTS to TRAINS, ROLLING-STOCK, PERMANENT-WAY, &c., reported during the Second Quarter of 1882, &c.,—*continued.*

SEE ALSO TABLE No. 4.

	Rangoon and Irrawaddy Valley.							Punjab Northern.							Indus Valley and Kandahar.							Gaekwar of Baroda's.						
	No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.	
		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
1. Collisions between passenger trains, or parts of passenger trains	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2. Collisions between passenger trains and goods or mineral trains, engines and vehicles standing foul of the line	...	...	...	...	...	...	...	2	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...
3. Collisions between goods trains, or parts of goods trains	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...
4. Collisions between light engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5. Passenger trains, or parts of passenger trains, leaving the rails	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6. Goods trains, or parts of goods trains, engines, &c., leaving the rails	2	...	...	...	...	...	...	1	...	...	...	...	...	...	7	...	...	...	...	...	...	...	...	...	...	...	...
7. Trains or engines travelling in the wrong direction through points	...	...	...	...	...	...	...	2	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...
8. Trains running into stations or sidings at too high a speed	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9. Trains running over cattle on the line	1	...	...	...	...	...	...	16	...	...	...	...	...	...	63	...	...	...	...	...	...	1	...	...	...	...	...
10. Ditto over obstructions on the line	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	1	1	...	...	1	1	...	...	...	...	...	...
11. Ditto through gates at level-crossings	...	...	...	...	...	...	...	2	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...
12. The bursting of boilers or tubes, &c., of engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7	...	...	...	...	...	...	...	...	...	...	...	...
13. The failure of machinery, springs, &c., of engines	2	...	...	...	...	...	...	...	...	...	...	...	...	...	17	...	...	...	...	...	...	...	...	...	...	...	...
14. Ditto of tyres	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...
15. Ditto of wheels	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16. Ditto of axles	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17. Ditto of brake apparatus	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18. Ditto of couplings	...	...	...	...	...	...	...	2	...	...	...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	...	...
19. Ditto of tunnels, bridges, viaducts, culverts, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20. Broken rails	...	...	...	...	...	...	...	3	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...
21. The flooding of portions of permanent-way	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22. Slips in cuttings or embankments	...	...	...	...	...	...	...	5	...	...	...	...	...	...	28	...	...	...	...	...	...	...	...	...	...	...	...
23. Fire in trains	...	...	...	...	...	...	...	1	...	...	...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	...	...
24. Fire at stations, or involving injury to bridges or viaducts	...	...	...	...	...	...	...	4	...	...	...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	...	...
25. Other accidents	1	...	...	...	...	...	...																				
TOTAL ALL CLASSES	7	...	...	...	...	...	...	40	...	...	...	...	...	...	143	1	1	...	...	1	1	1	...	...	...	...	...
Number of Passenger miles			13,050,612						26,339,136							20,176,533							1,732,725				
„ of Servants employed			1,197						3,570							5,056							185				
Train mileage of all descriptions			137,677						257,698							476,963							18,065				

TABLE No. 3.—ACCIDENTS to TRAINS, ROLLING-STOCK, PERMANENT-WAY, &c., reported during the Second Quarter of 1882, &c.,—*concluded.*

SEE ALSO TABLE No. 4.

	Nizam's.							Mysore.							Kaunia-Dhubla (Steam Tramway).							Total all Railways.						
	No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.	
		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
1. Collisions between passenger trains, or parts of passenger trains	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...
2. Collisions between passenger trains and goods or mineral trains, engines and vehicles standing foul of the line	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	11	...	...	...	...	...
3. Collisions between goods trains, or parts of goods trains	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	28	...	...	3	8	3	8
4. Collisions between light engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...
5. Passenger trains, or parts of passenger trains, leaving the rails	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10	...	4	...	...	...	...
6. Goods trains, or parts of goods trains, engines, &c., leaving the rails	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	109	...	...	1	...	1	...
7. Trains or engines travelling in the wrong direction through points	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	14	...	...	...	...	...	...
8. Trains running into stations or sidings at too high a speed	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...
9. Trains running over cattle on the line	1	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...	378	...	1	...	...	...	1
10. Trains running over obstructions on the line	...	...	...	...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	43	1	2	2	5	3	7
11. Trains running through gates at level-crossings	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	13	...	...	1	1	1	1
12. The bursting of boilers or tubes, &c., of engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	16	...	...	2	...	2	...
13. The failure of machinery, springs, &c., of engines	3	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	71	...	...	...	...	...	...
14. Ditto of tyres	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	15	...	...	...	...	...	...
15. Ditto of wheels	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...
16. Ditto of axles	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	12	...	...	...	...	...	...
17. Ditto of brake apparatus	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18. Ditto of couplings	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	18	...	...	...	...	...	...
19. Ditto of tunnels, bridges, viaducts, culverts, &c.	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...
20. Broken rails	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	16	...	...	...	...	...	...
21. The flooding of portions of permanent-way	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	13	...	...	...	...	...	...
22. Slips in cuttings or embankments	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	22	...	...	...	...	...	...
23. Fire in trains	1	...	...	...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	...	...	...	168	...	1	...	...	...	1
24. Fire at stations, or involving injury to bridges or viaducts	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	26	...	...	...	...	...	...
25. Other accidents	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	93	...	1	4	2	4	3
TOTAL ALL CLASSES	6	...	...	...	...	...	...	12	...	...	...	...	...	...	3	...	...	...	...	...	...	1,083	1	9	13	16	14	25
Number of Passenger miles			6,096,159						2,742,677							194,904							635,089,735				
„ of Servants employed			649						690							167							101,734				
Train mileage of all descriptions			54,262						27,274							5,852							9,159,496				

TABLE

ACCIDENTS to TRAINS, ROLLING-STOCK, PERMANENT-WAY, &c., on the several RAILWAYS open for Traffic in INDIA during the and the Number of RAILWAY SER

	RAILWAYS.	1. Collisions between passenger trains, or parts of passenger trains.	2. Collisions between passenger trains and goods or mineral trains, engines and vehicles standing foul of the line.	3. Collisions between goods trains, or parts of goods trains.	4. Collisions between light engines.	5. Passenger trains, or parts of passenger trains, leaving the rails.	6. Goods trains, or parts of goods trains, engines, &c., leaving the rails.	7. Trains or engines travelling in the wrong direction through points.	8. Trains running into stations or sidings at too high a speed.	9. Trains running over cattle on the line.	10. Trains running over obstructions on the line.	11. Trains running through gates at level crossings.	12. The bursting of boilers or tubes, &c., of engines.	13. The failure of machinery, springs, &c., of engines.	14. The failure of tyres.	15. The failure of wheels.	16. The failure of axles.	17. The failure of brake apparatus.	18. The failure of couplings.	19. The failure of tunnels, bridges, viaducts, culverts, &c.	20. Broken rails.
GUARANTEED.	East Indian (including State Lines worked as Branches).	...	1	4	...	2	5	...	...	25	7	1	...	...	...	...	...	...	2	...	...
	Eastern Bengal	...	...	...	...	...	...	...	...	14	...	...	...	1	...	...	...	...	...	...	...
	Oudh and Rohilkhand	...	...	...	...	...	...	...	...	22	...	...	...	...	...	...	...	...	...	...	1
	Sind, Punjab and Delhi	1	1	4	...	2	14	1	...	6	3	1	8	3	...	...	2	...	1	...	...
	Madras	...	...	2	1	1	7	...	...	20	4	...	...	...	...	...	...	...	...	1	...
	South Indian	...	...	1	...	...	1	...	...	52	1	4	...	1	...	...	2	...	...	...	...
	Great Indian Peninsula	...	1	12	1	1	42	...	...	28	4	2	...	3	...	...	1	...	...	...	...
	Bombay Baroda and Central India	...	...	1	...	1	6	1	1	3	4	1	1	...	...	...	1	...	...	...	1
	Calcutta and South-Eastern	...	...	...	...	...	5	1	...	11	1	...	...	...	...	...	...	...	...	...	...
	Nalháti	...	...	...	...	...	...	...	...	3	...	...	...	1	...	...	...	...	...	...	...
	Northern Bengal	...	2	1	...	1	7	...	...	8	3	...	...	...	...	...	...	...	...	...	...
	Tirhoot	...	...	...	...	...	2	...	...	1	...	...	...	16	...	...	2	...	1	...	...
	Patna-Gya	...	...	...	...	...	2	...	...	8	...	...	...	1	...	...	...	...	...	...	...
	Muttra-Háthras	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	14
	Cawnpore-Farukhabad	1	...	...	...	...	...	...	...	11	...	1	...	...	...	...	...	...	...	...	...
	Rajputana Malwa System	...	2	1	...	1	1	6	...	76	9	...	...	12	...	...	4	...	8	...	...
STATE.	Bhavnagar-Gondal	...	...	...	...	...	...	...	...	5	...	...	...	...	...	...	...	...	...	...	...
	Wardha Coal	...	...	...	...	...	4	1	...	...	...	...	...	8	14	1	...	...	...	...	...
	Nágpur-Chhattísgarh	...	...	...	...	...	2	...	...	...	...	...	...	1	...	...	...	...	1	...	...
	Rangoon and Irrawaddy Valley	...	...	...	...	...	2	...	...	1	...	...	...	2	...	...	...	...	...	...	...
	Punjab Northern	...	2	1	...	1	1	2	...	16	...	2	...	...	...	...	...	...	2	...	...
	Indus Valley and Kandahar	...	1	1	...	...	7	2	...	63	4	1	7	17	1	...	...	...	3	...	...
	Gaekwar of Baroda's	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...
	Nizam's	...	...	...	...	...	...	...	...	1	...	...	...	3	...	...	...	...	...	...	...
	Mysore	...	...	...	...	...	...	...	...	1	3	...	...	2	...	...	...	...	...	1	...
	Kamáis-Dhuria (Steam Tramway)	...	1	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...
	TOTAL { 1882	1	11	28	2	10	109	14	1	378	43	13	16	71	15	1	12	...	18	2	16
	{ 1881	3	12	41	3	7	74	15	2	366	33	18	25	67	5	2	17	1	21	1	16

No. 4.

Second Quarter of 1882, distinguishing the different Classes of ACCIDENTS, the Number of PASSENGERS and OTHERS VANTS Killed or Injured thereby.

21. The flooding of portions of permanent way.	22. Slips in cuttings or embankments.	23. Fire in trains.	24. Fire at stations, or involving injury to bridges or viaducts.	25. Other accidents.	Total all Classes.	NUMBER OF PASSENGERS AND OTHERS. Killed.	NUMBER OF PASSENGERS AND OTHERS. Injured.	NUMBER OF SERVANTS. Killed.	NUMBER OF SERVANTS. Injured.	TOTAL ALL CLASSES. Killed.	TOTAL ALL CLASSES. Injured.	Mean miles of Railway open.	Number of Passengers carried.	Train mileage of all descriptions.	Passenger mileage.	PER MILE OPEN. Number of Passengers carried.	PER MILE OPEN. Train mileage of all descriptions.	PER MILE OPEN. Passenger mileage.	TOTAL PASSENGERS. PER MILLION OF PASSENGERS. Killed.	TOTAL PASSENGERS. PER MILLION OF PASSENGERS. Injured.	TOTAL PASSENGERS. PER MILLION OF PASSENGER MILES. Killed.	TOTAL PASSENGERS. PER MILLION OF PASSENGER MILES. Injured.
...	...	4	5	2	58	...	4	...	...	...	4	1,595	2,545,220	2,201,935	167,447,677	1,595	1,381	104,982	...	1·572	...	0·024
...	...	1	3	...	19	...	...	...	...	...	...	172¾	606,205	165,524	20,731,206	3,509	958	120,007	...	...	...	...
...	...	6	...	...	29	...	...	...	...	...	...	547	772,250	439,738	38,183,891	1,412	804	69,806	...	...	...	...
...	...	6	6	10	69	..	...	2	3	2	3	663½	1,210,487	695,591	66,735,774	1,824	1,048	100,581	...	...	...	...
...	...	16	1	...	53	...	1	1	5	1	6	858	(a)	(a)	(a)	...	...	...	...	...	...	...
...	...	2	...	1	65	...	...	...	...	...	...	655	(a)	(a)	(a)	...	...	...	...	...	...	...
4	20	61	2	17	199	...	1	8	7	8	8	1,450½	1,624,842	2,606,859	95,922,636	1,120	1,797	66,139	...	0·615	...	0·016
4	...	5	1	13	44	...	...	2	1	2	1	460¾	1,958,557	528,140	55,977,164	4,251	1,146	121,491	...	...	...	...
...	...	...	...	...	18	...	...	...	...	...	...	29	190,921	11,471	1,826,214	5,785	348	55,340	...	...	...	...
...	...	1	...	...	5	...	...	...	...	...	...	27½	28,888	10,022	642,260	1,058	368	23,569	...	...	...	...
...	...	...	2	1	25	...	...	...	...	...	...	233	163,971	141,468	7,737,848	702	607	33,210	...	...	...	...
...	...	2	2	...	26	...	...	...	...	...	...	85	125,441	64,034	4,403,097	1,476	753	51,801	...	...	...	...
...	...	...	...	1	12	...	...	...	...	...	...	57	125,084	38,668	4,235,664	2,193	678	74,310	...	...	...	...
...	...	...	...	...	15	...	...	...	...	...	...	29	93,200	10,788	1,798,700	3,214	372	62,024	...	...	...	...
...	...	...	...	...	12	...	...	...	...	...	...	86½	179,500	34,561	4,410,900	2,075	400	50,993	...	...	...	...
...	2	2	...	37	161	...	2	...	...	...	2	1,139½	1,461,518	1,024,797	82,633,146	1,283	899	72,517	...	1·368	...	0·026
...	...	...	...	...	5	...	...	...	...	...	...	194	185,572	98,781	7,961,924	957	509	41,041	...	...	...	...
...	...	28	...	...	51	...	...	...	...	...	...	45	32,989	23,017	880,257	733	511	18,450	...	...	...	...
...	...	1	...	...	5	...	...	...	...	...	...	98	164,225	55,666	3,288,632	1,676	568	33,557	...	...	...	...
1	..	...	...	1	7	...	...	...	...	...	...	161	403,521	137,677	13,050,612	2,506	855	81,060	...	...	...	...
3	...	5	1	4	40	...	...	...	...	...	...	397	535,922	257,698	26,339,136	1,350	649	66,345	...	...	...	...
1	...	28	3	4	143	1	1	...	...	1	1	660	421,074	476,963	20,176,533	638	723	30,571	2·375	2·375	0·049	0·049
...	...	...	...	...	1	...	...	...	...	...	...	59½	87,466	18,065	1,732,725	1,476	305	29,244	...	...	...	...
...	...	1	...	1	6	...	...	...	...	...	...	121	117,864	84,907	6,086,158	974	702	50,299	...	...	...	...
...	...	4	...	1	12	...	...	...	...	...	...	86	85,514	27,274	2,742,677	994	317	31,891	...	...	...	...
...	...	...	...	...	3	...	...	...	...	...	...	32	16,177	5,852	194,904	506	183	6,091	...	...	...	...
18	22	168	26	93	1,083	1	9	13	16	14	25	9,941½	13,135,808	9,159,496	635,089,735	1,321	921	63,879	0·076	0·665	0·002	0·014
6	6	51	8	33	832	4	44	1	13	5	57	9,629	14,818,093	9,708,334	719,775,910	1,539	1,008	74,751	0·27	2·97	0·003	0·025

(a) Figures not received.

GOVERNMENT OF INDIA.

DEPARTMENT OF FINANCE AND COMMERCE.

SUPPLEMENT TO THE STATEMENTS OF PRICES CURRENT OF FOOD-GRAINS FOR THE 1st AND 2nd HALVES OF SEPTEMBER 1882, PUBLISHED IN PAGES 1320, 1321, 1452, 1453, 1454 AND 1455 OF THE SUPPLEMENT TO THE "GAZETTE OF INDIA," DATED 14th AND 28th OCTOBER 1882.

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

Provinces.	Districts.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of last year.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of last year.	Rice. Best sort. Present fortnight.	Rice. Best sort. Past fortnight.	Rice. Best sort. Corresponding fortnight of last year.	Rice. Common. Present fortnight.	Rice. Common. Past fortnight.	Rice. Common. Corresponding fortnight of last year.	Great Millet (Cholum, Jowar), *Holcus Sorghum.* Present fortnight.	Great Millet (Cholum, Jowar), *Holcus Sorghum.* Past fortnight.	Great Millet (Cholum, Jowar), *Holcus Sorghum.* Corresponding fortnight of last year.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.* Present fortnight.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.* Past fortnight.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.* Corresponding fortnight of last year.	Lesser Millets, Ragi, &c. (Kavaru, Veragoo, Sawee, Cheena, Coraloo, Murhwa, Nuglee, &c.), *Panicum Miliaceum, Eleusine Coracana, &c.* Present fortnight.	Lesser Millets, Ragi, &c. (Kavaru, Veragoo, Sawee, Cheena, Coraloo, Murhwa, Nuglee, &c.), *Panicum Miliaceum, Eleusine Coracana, &c.* Past fortnight.	Lesser Millets, Ragi, &c. (Kavaru, Veragoo, Sawee, Cheena, Coraloo, Murhwa, Nuglee, &c.), *Panicum Miliaceum, Eleusine Coracana, &c.* Corresponding fortnight of last year.	Gram. Present fortnight.	Gram. Past fortnight.	Gram. Corresponding fortnight of last year.	Firewood. Present fortnight.	Firewood. Past fortnight.	Firewood. Corresponding fortnight of last year.	Salt. Wholesale. Present fortnight.	Salt. Wholesale. Past fortnight.	Salt. Wholesale. Corresponding fortnight of last year.	Salt. Retail. Present fortnight.	Salt. Retail. Past fortnight.	Salt. Retail. Corresponding fortnight of last year.
	1st half of September 1882.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.
British Burma.	ARRACAN DIVISION.																															
	Akyab	6 6	6 6	6 6	...	...	...	14 0	13 0	...	16 0	15 0	15 0	...	...	...	...	...	...	...	...	...	10 0	10 0	10 0	160 0	...	224 0	40 0	40 0	...	32 0	32 0	36 0
	Northern Arracan	...	...	...	...	...	...	10 0	...	9 0	11 0	...	10 0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8 0	...	36 0
	Kyoukpyoo	...	...	...	...	...	...	18 0	...	16 3	19 6	19 6	17 11	...	...	...	...	...	...	...	...	...	4 0	4 0	4 0	160 0	130 0	116 0	*a*	*a*	*a*	36 0	...	36 0
	Sandoway	...	...	...	...	...	...	22 14	22 14	27 7	26 13	26 3	17 1	...	...	...	...	...	...	...	...	...	...	...	21 1	469 11	469 11	320 0	...	...	...	28 6	28 6	28 6
	PEGU DIVISION.																															
	Rangoon town and Hanthawaddy	15 5	15 0	15 5	...	...	...	12 3	12 12	... 13	13 13	13 2	14 1	...	...	...	...	...	...	...	...	...	19 7	19 7	20 4	320 0	320 0	324 0	50 11	50 11	50 11	22 10	22 10	22 10
	Tharrawaddy	...	...	...	...	...	...	10 13	10 13	13 4	13 6	13 6	15 14	...	...	...	...	...	...	...	...	...	13 9	13 9	8 8	535 11	535 11	535 11	...	...	...	27 7	27 7	29 14
	Prome	12 2	12 2	12 2	...	...	...	12 3	12 3	11 3	17 2	17 0	17 2	...	...	...	...	...	...	...	...	...	13 13	15 9	15 9	139 11	139 11	139 11	29 9	29 9	32 4	18 10	18 10	18 10
	IRRAWADDY DIVISION.																															
	Bassein	...	...	...	...	...	...	16 3	14 12	11 5	18 7	16 5	12 12	...	...	...	...	...	...	...	...	...	15 11	15 0	14 4	211 8	181 15	157 6	35 7	35 7	30 4	29 7	30 2	24 12
	Henzada	...	...	...	...	...	...	14 5	14 5	11 15	19 8	19 8	15 10	...	...	...	...	...	...	...	...	...	...	...	...	183 8	183 8	183 8	29 9	29 9	32 4	29 9	29 9	29 10
	Thonegwa	...	...	...	...	...	...	10 12	10 12	10 12	14 11	14 11	18 6	...	...	...	...	...	...	...	...	...	22 7	16 0	13 7	184 8	184 8	184 8	37 5	44 5	39 6	35 7	30 6	35 7
	Thayetmyo	10 1	11 7	12 8	...	...	...	10 13	11 10	10 3	13 13	13 13	...	...	...	...	...	...	...	...	...	...	17 1	11 1	...	245 0	245 0	...	26 4	20 13	...	18 5	14 2	...
	TENASSERIM DIVISION.																															
	Moulmein town	10 0	10 0	10 0	...	...	...	12 10	12 10	12 3	20 4	20 4	...	...	...	...	...	...	...	...	...	...	11 1	11 1	...	220 0	220 0	...	47 7	47 7	...	35 8	35 8	...
	Tavoy	...	...	...	...	...	...	13 12	...	11 4	22 14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	399 3	...	...	24 2	...	...	16 1	...	...
	Mergui	...	...	...	...	...	...	17 5	...	15 6	21 12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	428 0	...	...	26 1	...	...	14 0	...	...
	Toungoo	...	...	...	...	...	...	18 5	18 5	16 0	21 5	21 5	...	...	...	...	...	...	...	...	...	...	12 9	12 9	...	24 0	24 0	...	30 12	30 12	...	18 12	18 12	...
	Shwaygyin	...	...	...	...	...	...	12 7	10 10	13 13	13 13	13 12	7 ...	...	...	...	...	...	...	...	...	...	...	...	...	250 0	250 0	...	32 3	32 3	...	18 4	18 14	...
	Salween	...	...	...	...	...	...	...	7 4	9 0	...	10 8	10 0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	36 0	*b*	*c*	...
	2nd half of September 1882.																															
Punjab.	Delhi	19 0	18 8	19 0	24 0	24 8	27 0	...	...	...	13 0	13 0	13 0	27 0	26 0	24 0	21 0	20 0	19 8	...	...	...	22 12	22 8	22 12	80 0	80 0	80 0	12 8	12 8	...	11 8	11 8	11 8
	Gurgaon	19 12	20 0	20 12	27 2	27 0	29 0	...	...	...	13 0	13 0	13 0	25 12	26 0	24 0	25 12	24 0	23 8	...	...	...	24 4	24 0	23 0	110 0	120 0	120 0	12 0	12 0	0	12 0	10 0	10 0
	Karnal	20 8	20 8	21 0	31 0	31 0	35 0	...	...	...	13 0	12 0	13 0	30 0	30 0	30 0	18 0	18 0	25 0	...	...	...	26 0	26 0	26 0	160 0	160 0	160 0	11 8	11 8	...	11 4	11 4	10 0
	Hissar	17 0	17 8	20 0	32 0	32 0	26 0	...	...	...	10 0	10 0	10 0	32 0	32 0	32 0	27 0	28 0	26 0	...	...	...	29 0	29 0	33 0	80 0	80 0	100 0	11 0	10 8	...	10 0	10 0	10 0
	Sirsa	17 8	17 12	21 8	24 0	25 0	25 0	...	...	...	9 0	9 0	12 0	24 0	25 0	30 0	23 0	25 0	24 0	...	...	...	23 8	25 0	28 0	100 0	100 0	100 0	11 5	11 1	...	10 12	10 5	10 8
	Umballa	22 8	21 0	21 0	38 0	39 0	35 0	...	...	...	12 0	12 0	12 0	38 0	40 0	30 0	32 0	32 0	29 0	...	...	...	27 0	38 0	34 0	120 0	120 0	120 0	11 0	11 0	...	10 8	10 8	9 0
	Ludhiana	25 0	24 0	20 0	37 0	34 0	30 0	...	...	...	12 0	12 0	12 0	40 0	38 0	30 0	23 0	20 0	24 0	...	...	...	29 0	27 12	23 8	140 0	140 0	160 0	13 13	13 12	...	13 12	13 8	11 0
	Simla	17 0	15 8	16 0	...	...	...	...	...	...	12 0	...	...	...	...	...	...	...	...	...	...	...	32 12	30 8	27 8	100 0	100 0	100 0	14 10	14 10	...	14 8	14 8	11 8
	Jullundur *d*	25 8	24 12	22 8	35 0	34 0	32 0	...	...	...	8 0	8 0	8 0	34 0	32 0	26 0	19 0	19 0	19 0	...	...	...	22 8	18 4	14 8	80 0	80 0	80 0	10 0	10 8	...	9 6	9 14	8 0
	Hoshiarpur	26 8	25 8	22 8	36 0	35 0	32 0	...	...	...	11 0	11 0	10 0	34 0	30 0	28 0	16 0	17 0	20 0	...	...	...	32 0	28 0	24 0	100 0	100 0	100 0	14 4	14 4	...	13 11	13 4	11 8
	Kangra *e*	24 0	24 0	22 0	40 0	40 0	34 0	...	...	...	15 0	15 0	14 0	...	...	...	...	...	...	...	...	...	28 0	28 0	24 0	100 0	100 0	100 0	14 0	13 12	...	13 8	13 8	11 8
	Amritsar	25 8	25 8	21 8	43 8	41 0	31 8	...	...	...	12 8	11 8	12 0	29 4	29 4	24 8	23 8	22 8	16 8	...	...	...	24 0	21 0	19 8	140 0	140 0	140 0	10 8	10 8	...	10 0	10 0	9 0
	Sialkot *e*	27 0	26 0	20 0	44 0	41 0	32 0	...	...	...	14 0	14 0	12 0	28 0	27 0	24 0	21 0	21 0	16 0	...	...	...	33 4	32 4	24 8	80 0	80 0	80 0	14 12	14 12	...	14 6	14 6	12 4
	Gurdaspur	30 0	30 0	23 0	42 0	40 0	28 0	...	...	...	16 0	16 0	12 0	28 0	24 0	16 0	14 0	14 0	13 0	...	...	...	26 0	25 8	19 0	130 0	130 0	100 0	14 12	15 0	...	14 0	14 0	12 4
	Lahore	25 0	24 0	20 0	48 0	38 0	29 0	...	...	...	11 0	11 0	10 0	30 0	32 0	23 0	24 0	24 0	14 0	...	...	...	31 0	31 0	22 0	120 0	120 0	120 0	13 8	13 8	...	13 0	13 0	10 8
	Ferozepore *e*	25 0	24 0	19 0	42 0	39 0	32 0	...	...	...	11 0	11 0	10 0	...	...	...	...	...	...	...	...	...	32 0	29 0	20 8	80 0	80 0	70 0	15 0	15 0	...	12 0	14 0	10 8
	Gujranwala *f*	27 0	26 0	20 0	45 0	45 0	32 8	...	...	...	14 0	13 0	13 0	35 0	22 0	20 0	25 0	20 0	14 0	...	...	...	36 0	34 0	27 0	80 0	100 0	100 0	12 0	13 0	...	12 0	13 0	11 0
	Rawalpindi	25 0	21 8	13 8	35 8	33 0	23 0	...	...	...	11 12	11 8	7 0	32 0	31 0	19 8	25 0	24 0	18 0	...	...	...	27 0	26 0	20 4	95 0	95 0	95 0	15 4	15 4	...	15 0	15 0	12 4
	Jhelum	24 0	23 8	16 12	35 0	32 0	24 0	...	...	...	10 0	10 0	8 0	26 0	25 0	19 12	25 0	24 0	17 0	...	...	...	25 0	23 4	18 0	90 0	95 0	52 0	14 6	14 12	...	14 4	14 8	12 2
	Gujrat	27 0	25 8	19 8	45 8	43 0	31 0	...	...	...	12 0	12 0	8 0	22 0	27 0	22 0	29 0	28 0	22 0	...	...	...	24 0	23 8	19 8	100 0	100 0	100 0	16 8	16 8	...	16 0	16 0	13 0
	Shahpur *g*	21 0	20 12	16 0	32 0	32 0	25 0	...	...	...	12 0	13 0	11 0	22 0	22 0	18 0	21 0	21 0	18 0	...	...	...	23 8	24 0	20 0	320 0	320 0	320 0	17 0	17 0	...	15 0	15 0	12 8
	Mooltan	17 0	17 0	14 0	29 0	29 0	20 0	...	...	...	10 0	10 0	9 0	30 0	30 0	20 0	24 0	24 0	14 0	...	...	...	23 8	23 8	17 0	90 0	90 0	80 0	15 0	14 12	...	14 8	14 8	12 0
	Jhang	19 4	20 0	15 8	33 0	31 0	26 0	...	...	...	10 0	11 0	9 0	25 0	20 0	15 0	20 0	18 0	16 0	...	...	...	22 8	22 0	17 8	200 0	200 0	200 0	15 2	15 4	...	15 0	15 0	12 8
	Montgomery *e*	20 0	20 0	15 8	24 0	24 0	20 0	...	...	...	5 8	5 8	5 8	8 20	20 0	0 ...	16 0	16 0	0 ...	...	...	...	28 0	26 0	18 0	200 0	200 0	200 0	12 0	12 0	...	11 0	11 0	10 0
	Muzaffargarh	18 8	18 8	15 0	26 0	26 0	21 8	...	...	...	7 0	7 0	5 0	18 0	18 0	14 0	18 0	18 0	14 0	...	...	...	19 0	19 8	15 0	120 0	120 0	100 0	*	*	...	12 0	12 0	11 8
	Dera Ismail Khan	20 10	19 3	16 15	28 8	27 8	28 12	...	...	...	9 1	9 1	7 8	32 4	30 6	30 0	27 4	25 1	22 8	...	...	...	24 13	24 0	25 5	100 0	100 0	100 0	55 0	55 0	...	53 0	53 0	50 0
	Dera Ghazi Khan	8 12	17 8	15 6	22 8	20 0	20 15	...	...	...	7 8	7 8	7 8	23 12	21 4	25 0	22 8	20 0	17 8	...	...	...	17 8	18 12	17 10	100 0	100 0	125 0	30 10	31 4	...	27 8	27 8	25 5
	Banu	30 0	30 10	19 6	42 2	42 8	35 10	...	...	...	10 0	10 0	6 9	35 0	35 0	20 0	33 12	30 0	22 8	...	...	...	30 0	30 10	31 14	80 0	80 0	80 0	120 0	120 0	...	100 0	100 0	80 0
	Peshawar	18 12	19 0	11 6	35 6	35 12	26 8	...	...	...	9 8	9 8	6 0	26 6	27 0	17 0	14 0	14 0	10 2	...	...	...	16 13	16 8	13 6	96 0	96 0	66 0	55 4	55 4	...	53 0	53 0	38 12
	Kohat	17 8	17 8	13 6	30 4	31 14	24 4	...	...	...	12 2	11 8	10 3	22 4	21 10	16 9	21 10	21 10	...	...	...	...	16 14	16 9	17 14	102 0	102 0	63 0	91 8	96 15	...	75 0	84 0	51 0
	Hazara	23 12	...	13 8	32 0	40 0	29 0	...	...	...	11 8	13 0	9 8	...	...	20 0	...	...	...	...	...	...	...	...	13 0	70 0	70 0	100 0	...	12 0	...	11 0	12 0	10 0
British Burma.	ARRACAN DIVISION.																															
	Akyab	6 10	6 6	6 6	...	...	...	14 0	14 0	15 4	17 0	16 0	17 0	...	...	...	...	...	...	...	...	...	10 0	10 0	10 0	160 0	160 0	224 0	40 0	40 0	...	32 0	32 0	40 0
	Northern Arracan	...	...	...	...	...	...	9 0	10 0	9 0	10 0	11 0	10 0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8 0	8 0	36 0
	Kyoukpyoo	...	...	...	...	...	...	18 0	18 0	17 4	19 8	19 6	18 12	...	...	...	...	...	...	...	...	...	4 0	4 0	4 0	160 0	160 0	160 0	0	*h*	*h*	36 0	36 0	36 0
	Sandoway	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	PEGU DIVISION.																															
	Rangoon town and Hanthawaddy	15 5	15 5	15 5	...	...	...	12 9	12 3	12 9	13 2	13 13	13 2	...	...	...	...	...	...	...	...	...	21 1	19 7	19 7	320 0	320 0	324 0	50 11	50 11	50 11	22 10	22 10	22 10
	Tharrawaddy	...	...	...	...	...	...	10 13½	10 13½	13 4	14 4½	13 6½	15 14	...	...	...	...	...	...	...	...	...	17 2½	13 9	8 8	535 11	535 11	535 0	...	...	...	27 7	27 7	29 14
	Prome	13 13	12 2	12 2	...	...	...	12 12	12 3	11 3	17 2	17 2	17 2	...	...	...	...	...	...	...	...	...	15 9	13 13	15 9	139 11	139 11	139 11	29 9	29 9	32 4	18 10	18 10	18 10
	IRRAWADDY DIVISION.																															
	Bassein	...	...	...	...	...	...	17 3	16 3	12 2	18 14	18 7	14 3	...	...	...	...	...	...	...	...	...	15 0	15 11	...	211 8	211 8	183 8	35 7	35 7	32 9	29 7	29 7	29 10
	Henzada	...	...	...	...	...	...	14 5	14 5	11 15	19 8	19 8	15 10	...	...	...	...	...	...	...	...	...	...	...	...	183 8	183 8	183 8	29 9	29 9	32 9	29 9	29 9	29 10
	Thonegwa	...	...	12 9	...	...	...	10 12	10 12	12 9	14 11	14 11	18 6	...	...	...	...	...	...	...	...	...	13 7	22 7	...	246 0	184 8	246 0	39 6	37 5	39 6	35 7	35 7	35 7
	Thayetmyo	10 1	10 1	12 8	...	...	...	10 3	10 13	10 3	13 13	13 13	13 13	...	...	...	...	...	...	...	...	...	17 1	17 1	15 13	245 0	245 0	245 0	26 4	26 4	25 6	18 15	18 15	18 15
	TENASSERIM DIVISION.																															
	Moulmein town	10 0	10 0	10 0	...	...	...	12 10	12 10	10 9	20 4	20 4	12 8	...	...	...	...	...	...	...	...	...	11 1	11 1	11 1	220 0	220 0	220 0	47 7	47 7	32 0	35 8	35 8	28 6
	Tavoy	...	...	...	...	...	...	13 12	13 12	12 6	22 14	22 14	17 15	...	...	...	...	...	...	...	...	...	...	...	...	395 3	399 3	399 3	24 2	24 2	24 2	16 1	16 1	16 1
	Mergui	...	...	...	...	...	...	17 5	17 5	17 5	21 12	21 12	21 12	...	...	...	...	...	...	...	...	...	...	...	...	428 0	428 0	0 ...	26 1	26 1	30 6	14 0	14 0	22 13
	Toungoo	...	...	...	...	...	...	18 5	18 5	18 5	21 5	21 5	21 2	...	...	...	...	...	...	...	...	...	12 9	12 9	11 5	24 0	24 0	24 0	30 12	30 12	30 15	18 12	18 12	18 12
	Shwaygyin	...	...	...	...	...	...	12 7	10 10	13 7	13 13	13 13	15 9	...	...	...	...	...	...	...	...	...	...	...	...	25 0	250 0	250 0	32 3	32 3	39 5	18 4	18 14	18 14
	Salween	...	...	...	...	...	...	7 4	...	...	10 8	...	9 0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	*b*	*b*	*b*

* No wholesale salt sold. *a* Rs. 48 per 100 maunds. *b* As. 2 per maund. *c* As. 2 per viss wholesale. *d* Gram falling. *e* Jowar falling. *f* Barley falling. *g* Jowar rising. *h* Rs. 40 r 100 maunds.

DEPARTMENT OF FINANCE AND COMMERCE,
(Statistical Branch.)

D. M. BARBOUR,
Secretary to the Government of India.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

RAILWAY TRAFFIC.

No. XXXVIII of 1882.

APPROXIMATE STATEMENT OF GROSS RECEIPTS AND EXPENSES OF INDIAN RAILWAYS.

Latest return received.	Railways.	Total mean length open.	Receipts for week ending 24th September 1881. Total.	Per mile open.	Total mean length open.	Receipts for week ending 23rd September 1882. Total.	Per mile open.	Total Receipts from 1st April to 24th September 1881. Total.	Per mile open per week.	Total Receipts from 1st April to 23rd September 1882. Total.	Per mile open per week.	Total Increase in 1882-83.	Total Decrease in 1882-83.
			₹	₹		₹	₹	₹	₹	₹	₹	₹	₹
	Guaranteed.												
23rd Sep. 1882	Eastern Bengal . .	172	1,59,255	926	172	1,90,197	1,106	24,25,356	554	24,82,871	574	57,515	...
23rd ditto .	Oudh and Rohilkhund	547	88,944	163	547	73,854	135	23,03,466	166	23,69,888	172	66,422	...
23rd ditto .	Sind, Punjab, and Delhi	676	1,79,152	265	676	1,72,039	254	41,41,881	242	44,03,901	259	2,62,020	...
23rd ditto .	Madras . . .	858	1,06,036	124	861	1,24,295	144	30,60,318	141	34,15,802	158	3,55,484	...
23rd ditto .	South Indian . .	655	66,313	101	655	69,686	106	18,75,406	113	18,80,388	114	4,982	...
23rd ditto .	Great Indian Peninsula	1,439	4,62,730	322	1,450	4,18,867	289	1,50,11,420	410	1,52,68,823	418	2,57,403	...
23rd ditto .	Bombay, Baroda, and Central India . .	444	1,14,098	257	461	70,327	153	45,58,888	406	47,29,489	407	1,70,601	...
	Total .	4,791	11,76,528	246	4,822	11,19,265	232	3,33,76,735	274	3,45,51,162	285	11,74,427	...
	State.												
30th Sep. 1882	East Indian . . .	1,504	10,04,213	668	1,507	7,12,772	473	2,03,60,545	535	2,06,47,349	545	2,86,804	...
30th Sep. 1882	Calcutta and South-Eastern . . .	28	3,716	133	33	3,020	91	72,858	103	90,944	116	18,086	...
[illegible]	ditto . Nalhati . . .	27	1,316	49	27	1,311	49	30,339	44	32,613	48	2,274	...
[illegible]	dit Northern Bengal. .	233	38,142	164	230	49,640	216	7,75,754	132	9,03,575	155	1,27,821	...
23rd	ditto . Tirhoot . . .	75	10,194	136	75	10,336	138	2,68,103	132	3,06,073	150	37,970	...
23rd	ditto . Patna-Gya . . .	57	22,360	392	57	8,968	157	2,42,318	168	2,12,362	148	...	29,956
23rd	ditto . Muttra-Hathras . .	29	2,853	98	29	2,819	97	68,140	92	56,821	78	...	11,319
23rd	ditto . Cawnpore-Furrakhabad	86	7,821	91	87	5,746	66	1,29,615	60	1,57,623	71	28,008	...
23rd	ditto . Dildarnagar-Ghazipur	12	563	47	12	632	53	18,889	62	21,118	69	2,229	...
23rd	ditto . Rajputana-Malwa .	1,016	1,64,845	162	1,117	1,51,568	136	38,86,877	151	48,43,427	172	9,56,550	...
30th	ditto . Wardha Coal . .	45	10,635	236	45	6,345	141	2,35,703	207	2,45,274	216	9,571	...
30th	ditto . Nagpur and Chhattisgarh . . .	53	3,479	66	98	4,569	47	1,34,911	90	2,60,368	106	1,25,457	...
23rd	ditto . Rangoon and Irrawaddy Valley . . .	161	22,628	141	161	20,132	125	6,42,821	158	6,47,928	160	5,107	...
23rd	ditto . Sindia . . .	75	5,797	77	75	4,191	56	1,36,148	71	1,46,203	77	10,055	...
23rd	ditto . Punjab Northern .	363	51,728	142	409	41,716	102	13,65,670	148	13,63,731	134	...	1,939
30th	ditto . Indus Valley and Kandahar . . .	660	1,20,100	182	660	68,916	104	22,23,790	133	20,19,739	121	...	4,051
23rd	ditto . Muttra-Achnera . .	...	...	...	23	1,542	67	...	...	32,255	55	32,255	...
	Total .	2,920	4,66,177	159	3,138	3,81,451	121	1,02,31,936	138	1,13,40,054	144	13,08,118	...
	Native States.												
23rd Sep. 1882	Bhavnagar-Gondal .	120	5,137	43	194	10,834	56	3,28,550	81	4,37,546	89	1,08,996	...
23rd ditto .	Nizam's . .	121	11,901	98	121	14,159	117	3,86,263	126	4,05,836	133	19,573	...
23rd ditto .	Mysore . . .	58	2,283	39	86	4,872	57	67,126	46	1,34,496	62	67,370	...
	Total .	299	19,321	65	401	29,865	74	7,81,939	92	9,77,878	97	1,95,939	...
	GRAND TOTAL .	9,514	26,66,239	280	9,868	22,43,353	227	6,47,51,155	267	6,75,16,443	272	29,65,288	...
	Gross Estimated Expenses .	...	...	...	..	...	...	3,20,25,460	132	3,29,30,387	133	...	...
	Net Receipts .	...	...	...	...	...	...	3,27,25,695	135	3,45,86,056	139	18,60,361	...

[illegible],
[illegible] October 1882.

FRED. FIREBRACE, *Major, R.E.*,
Under-Secretary.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

IRRIGATION OPERATIONS OF FASL KHARIF IN THE PUNJAB FOR 1882-83 UP TO 31st AUGUST 1882.

Canal Division.	Water distributed during August 1882. Depth in Canal at Regulating Gauge. Full supply.	Depth in Canal at Regulating Gauge. Actual throughout.	Gross Consumption, cubic feet per second. Estimated full supply.	Gross Consumption, cubic feet per second. Actual average throughout.	Navigation return canal. Principal items of Traffic. Up.	Navigation return canal. Principal items of Traffic. Down.	Land irrigated (approximate). Zila.	Area in acres.	Chief crops (approximate). Name.	Rainfall. During month.	Rainfall. Average.	Acres.	Remarks.
Bari Doab Canal. 1st Division	4·9	4·46	3,073·60	1,193	...	...	Gurdáspur	24,244	Cotton	6·05	7·14	17,139	The volume which entered the Bári Doáb Canal head was 2,894 cubic feet per second; of this 119 cubic feet per second passed out of the escapes; and the balance, 2,705 cubic feet per second, was issued to crops.
2nd Division, Main Branch, Lower	4·6	2·40		978	...	...	Amritsar	21,060	Rice	10·80	10·37	42,172	Compared with the corresponding irrigation of last year, there is an increase of 23,397 acres; but a decrease of 438 acres as compared with August 1880. The rainfall during the month was above the average.
2nd do., Lahore Branch	3·35	2·70		594	...	...	Lahore	9,914	Sugarcane	8·60	5·95	59,490	
								63,583	Others				
Total Bári Doáb Canal	...	...	3,073·60	2,765	...	...	.....	118,801	.....	...	...	118,801	
Corresponding period of last year	...	...	3,073·60	1,597·41	...	...	.....	94,804	.....	...	...	94,804	Compared with the corresponding irrigation of last year, there is an increase of 23,397 acres; but a decrease of 438 acres as compared with August 1880. The rainfall during the month was above the average.
Western Jumna Canal. Karnál Division	4·33	3·94	83		Karnál Division 191,144 lurries, bullocks, &c. Karnál Division 2,450 mds. fuel. Delhi Division 23,669 mds. timber.	...	Umballa	51,939	Cotton	13·03	10·92	1,844	The volume entering the Western Jumna Canal was 2,270 cubic feet per second, of which the following passed through the escapes:—
Delhi do.	5·70	4·57	632				Karnál	39,971	Rice	2·26	5·54	34,655	
Hánsi do.	9·00	8·68	1,190				Delhi	48,325	Sugarcane	3·50	6·10	32,189	
Do. Bulla Head	8·80	7·63	252				Rohtak	20,252	Others	2·05	3·70	34,845	
			2,546				Hissár	...	.....	...	3·80	31,461	c. ft. per second.
							Jhind	...	.....	16·80	1·70	24,533	Budha Khera Escape . 176
							Bikaner	...	.....	...	...	224	Escape in Delhi Division . 7
							Kalsia State	...	.....	...	...	736	Delhi Canal tail . . 90
Total Western Jumna Canal	...	...	2,546	2,057	...	191,144	.....	160,487	.....	...	...	160,487	Total . 213
Corresponding period of last year	...	...	2,546	1,041	...	246,233	.....	155,594	.....	...	...	155,594	As compared with the corresponding period of last year, there is an increase of 4,893 acres. There is an increase of 12,345 acres in sugarcane, and a decrease of 12,226 acres in cotton and others, a slight increase in rice and others.
Inundation Canals. Upper Sutlej Division	...	...	...	...	...	...	Lahore	18,600	Detail not obtainable for want of establishment.	...	...	...	The rainfall during the month was below the average in Karnal, Delhi, Rohtak and Hissar.
Lower Sutlej and Chenab	...	...	...	...	...	...	Montgomery	42,000		3·05	3·73	...	
Indus Canals	...	...	...	...	...	...	Mooltan	192,540		0·80	1·06	...	The supply in all the rivers has been good throughout the month. The Jhelum and Indus were in high flood at the beginning of the month but subsided rapidly. The rabfasl in Muzaffargarh during this and the previous month was heavier than has been known for 26 years; but the damage done to the crops by floods is less than was at first reported.
Muzaffargarh Canals	...	...	...	...	...	...	Dera Gházi Khan	151,733		0·20	2·34	159,080	
							Muzaffargarh	...		2·00	...		
Total Inundation Canals	...	...	...	...	...	...	.....	563,353	.....	...	...	563,353	
Corresponding period of last year	...	...	...	...	...	...	.....	744,433	.....	...	...	744,433	The falling-off on the Inundation Canals, as compared with last year, is due to the estimate of the corresponding month of that year having been too high.
Perennial Canals, Grand Total	...	...	...	...	...	...	.....	279,288	.....	...	...	279,288	There is an increase of 28,890 acres as compared with the corresponding period of last year.
Do. corresponding period of last year	...	...	...	...	...	...	.....	250,398	.....	...	...	250,398	

J. E. CATTON,
Offg. Asst. Secy. to Govt. Punjab P.W.D., Irrigation.

GOVERNMENT OF INDIA.

REVENUE AND AGRICULTURAL DEPARTMENT.

REPORTS ON THE STATE OF THE SEASON AND PROSPECTS OF THE CROPS FOR THE WEEK ENDING THE 31st OCTOBER 1882.

GENERAL REMARKS.—There has been no rain worth noticing during the week under report, except in the Madras Presidency and in British Burma and in the Chittagong district.

Harvest operations continue in some parts of the country, and have been completed or nearly so in others.

Standing crops in the Madras Presidency are generally good, but a little more rain is wanted in parts of some districts. In Coorg, in the Mysore State, in the Nizam's Territories, in Berar, in Assam, and in British Burma crops are in good condition. In the Punjab prospects of the harvest are good, but the yield is expected to be below average in the Umballa and Hissar divisions. In Bengal the rice crop in several places is not very satisfactory, owing to deficient supply of timely rain; sugarcane is doing well. In the Bombay Presidency locusts are injuring crops in parts of Poona and Satara districts. They are disappearing from Khandesh, Ahmednagar, and Násik.

The sowing of *rabi* crops in the Bombay Presidency has been completed in a few districts and is in progress in others. In the Nizam's Territories, in Berar, in the Central Provinces, in Rajputana and Central India, and in Bengal sowings are still in progress. In the North-Western Provinces and Oudh sowings are germinating well; rain is wanted in Kumaun and Sitapur for the sowings.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Madras—(Nov. 1st)		
Bellary ...	No rain	Standing crops generally good; harvest dry crops, yield average; agricultural operations progressing.
Kurnool ...	·06 (rainfall of one station).	More rain wanted for dry crops in one division; harvest early dry crops and indigo, outturn below average; agricultural operations progressing; small-pox and cattle-disease in parts.
Ganjam ...	·50 (average of eight stations).	More rain wanted; crops under channels and larger tanks good, but lost under small and rain-fed tanks; fever, small-pox, and cattle-disease [illegible].
[illegible] ...	·16 (average of three stations).	[illegible] affected by grub in one taluka, [illegible] and generally [illegible] below average; agricultural [illegible] progressing; small-pox and fever slight; cattle-disease [illegible].
Chingleput (Madras) ...	·87 (average of ten stations).	Standing crops good where irrigated, withering elsewhere for want of rain; harvest paddy and dry grains, yield below average; agricultural operations progressing; small-pox and cattle-disease slight in parts.
Coimbatore ...	1·21 (average of thirteen stations).	Standing crops good; harvest paddy and dry crops, yield average; fever, small-pox, cholera, and cattle-disease in parts.
Tanjore ...	·92 (average of ten stations).	Standing crops good, except in parts of one taluka; harvest paddy and dry grains, outturn below average.
Madura ...	1·35 (average of eight stations).	Standing crops fair; cholera in parts.
Malabar ...	2·40 (average of fourteen stations).	Harvesting first crops nearly over; sowing second crops progressing; small-pox, fever, and cholera in parts.
Travancore ...	1·18	Agricultural operations progressing; fever slightly prevalent.
		General Remarks.—No rain in Bellary; general prospects good.
Bombay—(Nov. 1st)		
Kurrachee ...	.....	River higher than on same date last year; slight fever prevails; 1 case small-pox in Sujawal taluka; wheat, red rice, and *bajri* in Kurrachee 24, 36 and 50, in Manjhand 26, 36 and 50, in Jati 30, 40 and 44, and in Tatta 24, 38 and 46 lbs. per rupee respectively.
Hyderabad ...	.....	*Kharif* reaping nearly completed; *rabi* operations in progress; small-pox in Hyderabad and Nawshahro, and fever in twelve talukas; north wind has set in; wheat 23, *bajri* 44, *juari* 48, red rice 32, and white rice 22 lbs. per rupee.
Ahmedabad ...	.....	Reaping of rice, *bajri*, &c., completed; sowing of wheat and gram commenced, other crops doing well; fever in Dholka, Viramgaum, Gogo, and Parentij; cattle-disease continues in Sanand; wheat 28 and *bajri* 32 lbs. per rupee.
Baroda ...	.....	Harvesting of *kharif* continues; *rabi* sowings commenced in Amreli; public health good; cattle-disease continues in parts of Kari division; *bajri* 33 and common rice 24½ lbs. per rupee.
Surat ...	.....	*Kharif* harvest progressing; *juari* 37 and *nágli* 58 lbs. per rupee.
Nasik ...	.....	Weather clear, nights cold; *bajri* being reaped; *rabi* sown, save where locusts remain; locusts have left in large numbers, but have alighted in Násik, Igatpuri, and Peint eating *bájri*, rice, and *nagli*, and also in west of Baglan and Kalwan; distress apprehended shortly in Chandore and northern talukas.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Bombay—*contd.*		
Colaba (Bombay) ...	.....	Abnormal temperature 1° warm on 25th and 26th, *nil* on 27th; 1° cool on 28th, 29th and 31st, and 2° cool on 30th; vapour in air in defect of normal; wind normal.
Poona ...	No rain	Slight damage by locusts continues; 18 cholera cases in Sirur taluka, 8 deaths; *bajri* 47 and *juari* 60 lbs. per rupee; in Poona *bajri* 43 and *juari* 52 lbs. per rupee.
Ahmednagar ...	No rain	Reaping of *bajri* in progress in all talukas; sowing of *rabi* almost completed throughout the district; locusts appear to be gradually leaving; cholera in Karjat, 25 attacks, 4 deaths, Sheogaon, 1 attack, 1 death; *bajri*—maximum 66 lbs. per rupee in Jamkhed, minimum 42 lbs. in Akola; *juari*—maximum 102 lbs. in Jamkhed, minimum 45 lbs. in Sangamner.
Sholapur ...	.....	No report received.
Dharwar ...	Slight rain in Hubli and Karajgi.	Rice and cotton crops good; early rice being harvested in some villages of western talukas; sowing of late crops in progress; slight cattle-disease in three talukas; public health good; rice minimum 21 and *juari* 58 lbs. per rupee.
Kanara ...	Hallial, ·35	Harvesting rice continues on coast and above Ghât talukas; small-pox in one and fever in two talukas; common rice at Karwar 11 seers, in district average 13½ seers per rupee; weather fair.
Rajkot ...	.....	Weather cool; general health fair; cholera continues in Dhrol but slightly; fever in Nawanagar, Dhrol, Gondal, Mengui, Lodhika, Bagasra, and Vasarad; *bajri* 28 and *juari* 34 lbs. per rupee.
		General Remarks.—Weather generally clear; harvesting *kharif* and sowing *rabi* completed in a few districts, in progress in the rest; locusts have almost disappeared in Khandesh and are leaving Násik and Ahmednagar, but continue doing injury in parts of Poona and Satara districts; fever and cattle-disease in many districts; slight cholera and small-pox in some.
Bengal—**(Nov. 1st)**		
Chittagong ...	1·24	Weather hot; prospects fair; *amun* plants flourishing; prices somewhat higher; cattle-disease still prevails; general health good.
Dacca ...	*Nil*	Weather becoming cooler; prospects of crops good.
24-Pergunnahs (Calcutta)	Alipore, *nil*	Prospects of late rice and sugarcane satisfactory; lands being prepared for winter crops; health of people generally good.
Moorshedabad ...	*Nil*	Prospects of crops favourable; *amun* crop doing well; lands being ploughed for winter crops; fever prevails here and there.
Rajshahye ...	*Nil*	Prospects of *amun* much improved; *rabi* crops being sown; fever prevalent.
Burdwan ...	*Nil*; 4·29 during preceding week.	Prospects of winter rice fair; state of *rabi* crops also better; fever prevalent.
Rangpore ...	*Nil*	Weather seasonable; prospects of crops good, but tobacco seedlings said to have suffered from late rain; public health good.
Bhagálpur ...	*Nil*	Prospects of crops fair.
Purneah ...	*Nil*	Prospects of crops fair; ploughing and sowing of cold weather crops going on; fever very prevalent.
Patna ...	*Nil*	Prospects of standing crops fair; *rabi* crops being sown; early sowings have germinated; public health good.
Durbhunga ...	*Nil*	Rice prospects fair; rain still required for rice on high lands; other crops good; prices stationary; public health middling.
Hazáribágh ...	*Nil*	Weather getting cool; prospects of rice crops good; sowing of *rabi* crops commenced; public health good.
Cuttack ...	*Nil*	Weather cloudy for the last three days; prospects of crops excellent; public health good.
		General Remarks.—There was some rain in Chittagong during the week, none in any of the other reporting districts; prospects generally much improved by the late general heavy rainfall, but rice crop in several places said to be not very satisfactory owing to deficient supply of timely rain; ploughing and sowing of cold weather crops progressing favourably, and *kalai* and other pulses already sown doing well; sugarcane generally promises a good crop; fever prevalent in some districts, and cases of cholera still reported from a few places, elsewhere public health good.
N. W. Provinces and Oudh—		
Benares (Oct. 31st)	No rain	Weather seasonable; *rabi* sowings progressing; rice crop good; no sickness among men or cattle.
Allahabad (Nov. 1st)	No rain	*Rabi* flourishing; prospects good; health on the whole very good for season.
Gorakhpur (Oct. 30th)	.....	Weather fine; *rabi* sowings in progress; active demand for labour; health good and prices stationary.
Jhánsi („ „)	.....	Prospects good; *kharif* harvesting and *rabi* sowing in progress; supplies sufficient; prices stationary; fever continues; no cattle-disease.
Agra („ 31st)	No rain	*Kharif* being harvested; *rabi* ploughings and sowings continue; sugarcane being irrigated; fever abating; general health good; prices stationary.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
N. W. Provinces and Oudh—*contd.*		
Bareilly (Oct. 31st)	.....	Weather seasonable; *rabi* prospects good; cholera dying out; fever still prevalent.
Meerut („ „)	No rain	Health good; *kharif* crops being harvested and cotton-picking commenced; barley and wheat being sown in Baghanat; prices stationary; export of wheat and oil-seeds recommenced from Meerut and Ghaziabad.
Kumaun („ „)	No rain	A fall now would benefit sowing of *rabi*; health good; cattle-disease still prevails; prices unchanged.
Lucknow („ „)	.....	*Rabi* sowings in progress; prices stationary; cholera almost disappearing, but fever prevalent.
Partabgarh („ „)	.....	Prices still falling; *bajri* harvest completed; newly sown crops coming on nicely; weather seasonable; cholera has abated considerably.
Sitapur („ „)	.....	Outturn of *mash* indifferent; *rabi* sowings in parts of Sidhauli hindered for want of sufficient moisture; slight cattle-disease in one tahsil; prices stationary.
Fyzabad („ „)	No rain	*Rabi* sowings in progress; weather fine; fever and cattle-disease in part of district; prices steady.
Rae Bareli („ 30th)	.....	*Rabi* ploughings and sowings in progress; cholera and fever continue; no cattle-disease; markets well supplied; prices stationary.
Cawnpore („ 31st)	No rain	*Kharif* harvest and *rabi* sowings progressing; health good; prices slightly fallen.
Farukhabad („ „)	No rain	*Rabi* sowings going on; *juari* and rice yield will be poor; prices steady; slight fever still continues.
		General Remarks.—No rain; rain wanted in Kumaun and part of Sitapur for the *rabi* sowings; *kharif* harvest nearly over; *rabi* sowings germinating well; markets well supplied; prices falling in three districts, elsewhere stationary; cholera continues in Rae Bareli, but is abating elsewhere; cattle-disease continues in four districts.
Punjab—**(Oct. 31st)**		
Delhi ...	No rain	Health good; prices stationary; prospects of yield continue to be good.
Hissar ...	No rain	Health good; prices rising; harvest prospects unchanged.
Umballa ...	No rain	Health good; prices stationary; yield of crops expected to be below the average.
Jullundur ...	No rain	Health good; prices stationary; crop prospects good.
Amritsar ...	No rain	Health good; prices steady.
Lahore ...	No rain	Slight fever prevalent; prices steady; crop prospects good.
Ferozepore ...	No rain	Health good; prices steady; crop prospects good.
Sialkot ...	No rain	Health good; prices stationary; harvest prospects good.
Rawalpindi ...	·10	Slight fever still prevails in some parts of the district; prices steady; harvest prospects above the average.
Peshawar ...	No rain	Fever decreasing; prices steady; harvest prospects good.
Mooltan ...	No rain	Fever abating; prices of food-grains are generally stationary; price of Indian-corn is rising.
Dera Ismail Khan ...	No rain	Fever not yet disappeared; prices steady; crop prospects good.
		General Remarks.—The health of the province has been generally good; slight fever prevails in the Rawalpindi, Mooltan, Dera Ismail Khan, and Peshawar districts, but in the Mooltan and Peshawar districts it is abating; the prices of food-grains are stationary, except in Hissar where they are rising; the crop prospects are generally good, but in Umballa and in the Hissar divisions it is expected that the yield will be below the average.
Central Provinces—		
Nagpur (Nov. 1st)	.....	Weather cloudy; *rabi* sowings completed; prospects good; fever and cholera prevalent; prices stationary.
Jubbulpore (Oct. 31st)	.....	Weather cool; *kharif* reaping and *rabi* sowings almost finished; wheat 20 and rice 14 seers per rupee.
Sangor („ 30th)	.....	*Kharif* being cut; *rabi* sowings almost finished; fever prevalent; prices steady.
Seoni („ 31st)	.....	Weather getting cold; *kharif* being reaped; *rabi* sowings progressing; fever prevalent; wheat 17 and rice 16½ seers per rupee.
Hoshangabad („ „)	.....	Weather seasonable; *kharif* fair; *rabi* progressing; fever prevalent; wheat 13 and rice 9 seers per rupee.
Raipur („ 28th)	.....	Weather clear and cool; rice doing well, *rabi* sowings going on; cattle-disease prevalent; prices stationary.
Sambalpur („ 26th)	.....	Weather clear and cold; prospects good; health good; rice 56 seers per rupee.
Khandwa („ 31st)	.....	Days warm and nights chilly; *rabi* sowings continue; cholera and small-pox prevalent; prices steady; rice 13 and wheat 16 seers per rupee.
		General Remarks.—Weather cloudy; mornings and nights cool and pleasant; *kharif* crops being reaped; *rabi* sowings in progress; prospects generally favourable; fever prevalent and cholera reported from a few districts.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
British Burma— (Oct. 28th)		
Akyab ...	1·49	Total rainfall 198·78 inches; public health good in town, but 10 deaths from cholera in district; cattle-disease in one township; crop prospects good.
Rangoon ...	2·13	Total rainfall 100·69 inches; public health good; crops making progress.
Bassein ...	1·81	Total rainfall 121·13 inches; public health and condition of crops good.
Prome ...	0·32	Total rainfall 49·10 inches; public health good; more rain has fallen and crop prospects are better.
Amherst (Moulmein) ...	2·11	Total rainfall 199·18 inches; public health and condition of crops good both in Moulmein and district; 24 deaths of cattle reported in one township.
Toungoo ...	0·76	Total rainfall 88·19 inches; 3 deaths from cholera in one township, otherwise public health good; 10 deaths from cattle-disease in one township.
		General Remarks.—Crop prospects are generally good; a few cases of cholera in Akyab; Tharrawaddy, Henzada, and Tavoy, and some deaths from cattle-disease in Amherst and Toungoo, otherwise public health and health of cattle generally good.
Assam—		
Gauhati (Oct. 31st)	*Nil*	Mornings cool and foggy; weather seasonable; prospects of crops favourable; public health good.
Sylhet (Nov. 1st)	*Nil*	Prospects of crops generally good; isolated cases of cholera in north and south of Sylhet and in the Sunamganj subdivisions.
Cachar („ „)	*Nil*	Weather warm; reaping of *aus* crop finished; state of *sali* crop and public health good; common rice 25¾ seers per rupee.
Dibrugarh („ „)	*Nil*	Weather seasonable; prospects of *sali dhan* good; cattle-disease decreasing; public health good.
Mysore and Coorg— (Nov. 1st)		
Bangalore ...	.....	Crops in good condition; prospects favourable.
Mysore ...	·10	Crops in good condition.
Kadur ...	·17	Rice-crop doing well; *ragi* being harvested in Nanjarajapatna and Yeluvershime taluks; coffee ripening fast; cardamom picking completed; public health and prospects good.
[illegible] ...	...	*General Remarks.*—Rain more or less in Colar, Tumkur, Mysore, Hassan, and Kadur districts; crops in good condition; prospects favourable; no material change in prices; public health good.
Berar & Hyderabad— (Nov. 1st)		
Amráoti ...	.....	*Kharif* crops good; *rabi* sowings nearly completed; rain wanted; wheat 16 and *juari* 28 seers per rupee.
Akola ...	.....	Prospects of *kharif* crops favourable; *rabi* sowings progressing.
Hyderabad ...	.....	Reaping of *kharif* and sowing of *rabi* crops in progress; *rabi* sowings continue in one taluk only; cattle-disease in one taluk; public health otherwise good; prices—wheat 16½, coarse rice 10½, white *juari* 27½, and yellow *juari* 32½ seers per current sicca rupee.
Central India States— (Nov. 1st)		
Indore ...	*Nil*	Weather seasonable; agricultural prospects continue favourable; health good.
[illegible]		
Gwalior (Gwalior) ...	.....	Health and prospects good.
Jaora ...	No rain	Health and prospects good.
Neemuch ...	.....	Crops and public health good.
Goona ...	.....	Crops good; fever prevalent; wheat 21 seers per rupee.
Bhopal ...	.....	Weather clear; prospects good.
Agar ...	.....	Health and prospects good.
Nowgong ...	.....	*Kharif* prospects good; prices stationary; health good.
Manpur ...	.....	Weather fair; sowings of *rabi* crops in progress; opium fields are being prepared; prices stationary.
Rajputana—		
Abu (Nov. 1st)	.....	Weather clear; fever diminishing; cold nights.
Sirohi (Oct. 29th)	.....	Tanks, wells, and health good; crops cut; cold nights, days very hot.
Marwar („ 27th)	.....	About two months' water in tanks; wells almost full; health good; crops being harvested; weather close; nights unusually warm and sultry; prices stationary.
Meywar („ 28th)	.....	Tanks and wells fair; health and crops good.
Harowti („ 29th)	.....	*Kharif* harvesting and *rabi* sowings in progress; tanks and wells full; weather seasonable; health good.
Jhalawar („ 25th)	.....	Health and prospects good; weather seasonable.
Ajmere („ 31st)	.....	Reaping of *kharif* crop completed; *rabi* sowings progressing; health good.
Jeypore („ „)	.....	Prospects favourable; prices firm; fever prevalent.
Ulwar („ „)	.....	Gram, barley, and wheat being sown; health fair.
Nepal— (Oct. 26th)		
Khatmandu ...	NW	Rice crop nearly harvested; splendid weather.

H. C. BUCK,
Secy. to the Govt. of India.

GOVERNMENT OF INDIA.

LEGISLATIVE DEPARTMENT.

ABSTRACT OF THE PROCEEDINGS OF THE COUNCIL OF THE GOVERNOR GENERAL OF INDIA, ASSEMBLED FOR THE PURPOSE OF MAKING LAWS AND REGULATIONS UNDER THE PROVISIONS OF THE ACT OF PARLIAMENT 24 & 25 VIC., CAP. 67.

The Council met at Government House, Simla, on Thursday, the 26th October, 1882.

PRESENT:

His Excellency the Viceroy and Governor General of India, K.G., G.M.S.I., G.M.I.E., *presiding*.
His Excellency the Commander-in-Chief, G.C.B., C.I.E.
The Hon'ble J. Gibbs, C.S.I., C.I.E.
Major the Hon'ble E. Baring, R.A., C.S.I., C.I.E.
Lieutenant-General the Hon'ble T. F. Wilson, C.B., C.I.E.
The Hon'ble C. P. Ilbert, C.I.E.
The Hon'ble Sir S. C. Bayley, K.C.S.I., C.I.E.
The Hon'ble T. C. Hope, C.S.I., C.I.E.
The Hon'ble C. H. T. Crosthwaite.
The Hon'ble W. C. Plowden.

PAPER CURRENCY ACT, 1871, AMENDMENT BILL.

Major the Hon'ble E. BARING moved that the further Report of the Select Committee on the Bill to amend the Indian Paper Currency Act, 1871, be taken into consideration. He said that he explained fully how this matter stood when he moved that the Bill should be referred back to the Select Committee. He had only now to add that the Select Committee had recommended that the provisions of the existing Currency Act regarding the issue of notes in exchange of bullion should be restored in the Bill. The only other alterations made in the Bill were of a purely formal nature.

The Motion was put and agreed to.

Major the Hon'ble E. BARING also moved that the Bill as amended be passed. He said that the Bill had been for a long time under consideration of the Council and of the public. No objection had been made to the Bill in its present form. The Select Committee had stated their opinion that no further alteration was necessary, and had recommended that the Bill as amended be passed.

The Motion was put and agreed to.

MADRAS FOREST ACT VALIDATION BILL.

The Hon'ble MR. ILBERT introduced the Bill to confirm the Madras Forest Act, and moved that it be taken into consideration at the next meeting of the Council. He said:—

"In moving for leave to introduce this Bill I described it as a Bill to confirm the Madras Forest Act, and that description was substantially, but not technically, accurate. Strictly speaking, it is a measure to amend certain general Acts so far as their provisions impede the operation of the local Act, and, as I am moving that the Bill be taken into consideration at the next meeting, I think I had better read it to the Council. It is entitled "A Bill to remove doubts regarding the Madras Forest Act, 1882," and runs as follows:—

"'Whereas doubts have arisen whether the Madras Forest Act, 1882, is consistent with certain Acts of the Governor General in Council, and it is expedient to remove those doubts; It is hereby enacted as follows:—

"'1. No enactment of the Governor General in Council shall affect, or shall be deemed to have at any time contained anything which would affect, the Madras Forest Act, 1882."

Enactments of the Governor General in Council not to affect the Madras Forest Act.

His Excellency THE PRESIDENT said:—

"As the purpose of this Bill, as is obvious, is simply to give full local effect to the provisions of the Madras Forest Act,—an Act passed by the Madras legislature, which has been fully considered by them, and which the public of Madras have also had an opportunity of considering during its passage through the Legislative Council of that Presidency,—I think there can be no objection, and indeed it is very necessary, that measures should be taken to pass this Bill through the Council as rapidly as possible. No one is more opposed than I am to any unnecessary suspension of the standing orders of the Legislative Council. It is a great security to the public against hasty and ill-considered legislation that those standing orders should be strictly observed, but in this case that necessity does not arise. The Madras Act is one that affects the Madras public only; they have had a full opportunity of considering it, and this measure is one of a purely formal character."

The Motion was put and agreed to.

AGRICULTURAL LOANS BILL.

The Hon'ble MR. CROSTHWAITE moved for leave to introduce a Bill to consolidate and amend the law relating to loans of money for agricultural improvements. He said:—

"The Council is aware that an Act was passed in 1871 for the purpose of enabling Government to make advances of money to the owners and tenants of land for the sole purpose of improving that land. After some eleven years' experience, it is universally admitted that the Act is a failure. The total advances under the Act for the whole of India do not come to more than four-and-a-half or five lákhs at the outside during the year, and the Famine Commission, in chapter 4 of the second part of their report, have called attention to this failure, and suggested that the Act should be amended, and the Local Governments might have more power to make the Act [illegible] the Act is worked elastic and suitable to local peculiarities. On the report of the Famine Commission, the Local Governments were asked to give their opinions on these suggestions. Those opinions have now been received, and are almost unanimous that the Act and the rules framed under it require simplification. The North-West Government are specially anxious that this should be done, and they have pressed it on the notice of the Government of India. In accordance with those opinions, the present Bill has been framed, on the principle of leaving everything that can possibly be thus left to rules to be framed by the Local Government. In the present case, I think this method of framing the Act is not open to objection, because the only interests concerned are those of the Government which advances the money, and it is presumed that in making the rules it will take precautions against loss. In thus amending the law we have also taken the opportunity of endeavouring to encourage the application of private capital to the improvement of land. We propose to follow the method which has been for a long time adopted in the English and the Irish Acts which have been passed for a similar purpose, the method, namely, of empowering companies whose articles of association, and the method of whose business, is approved by the Government to make advances to owners of land for the purpose of executing improvements. We propose that the Government of India should have the power to place conditions on those companies, to ensure that their business shall be carried on in a proper and reasonable manner; and, if those companies fulfil the conditions imposed upon them, the Bill is so drawn as to enable them to take advantage of its provisions for the recovery of the advances; in fact, their loans will be secured and will be recoverable in the same manner as if the money had been advanced by the Government.

"This is the Bill which I ask leave now to introduce, and I hope that the Council will give me permission to introduce it, because, although I think it is open to doubt whether it will lead to a very great extension of advances by Government, I think it is quite probable that it may open the door to private enterprise in the matter. For my own part, I fear that, until the causes which prevent people from improving their lands are removed, namely, in the case of tenants, the want of security that the profits which are derivable from

their improvements will not be appropriated by the landlord; I think that, until the provincial laws are altered in this respect, there is not much hope, so far as tenants are concerned, that they will take advances either from the Government or from private companies; but I think that, when this Bill is passed, we shall have done all we can in a direct way to make the system of advances popular."

The Hon'ble SIR STEUART BAYLEY said:—

"I have only a few remarks to make in confirmation of the proposals of my hon'ble friend, Mr. Crosthwaite, in connection with this Bill, which I quite agree with him in hoping the Council will give him permission to introduce to-day.

"He has told us of the origin of the Bill, but there was also another reason for bringing it in which he omitted to mention, which was a small technical omission, regarding the recovery of interest on loans, which was brought to our notice by one of the Local Governments. But, in reading the papers connected with the Bill, I was very much struck by the unanimity of all those consulted as to the fact of the old law having failed in accomplishing the objects with which it was established, though there was considerable difference of opinion as to the reasons of that failure: reasons were given of all kinds. Some gentlemen, I observe, actually stated that the agriculturists did not require loans for the improvement of their land; but that was not general. More commonly it was said that the dealings of the cultivator with officials in matters of this kind were exceedingly troublesome, that at every point he was thrown back, and that it took him an enormous amount of time, and caused him an unreasonable amount of trouble, to get his loan. That was, I think, very generally agreed. Another point was the excessive cost of the application in point of fees; another point was the high rate of interest; another was the shortness of the time within which he had to repay the amount, and there may have been other reasons given, but those were the main ones in regard to the Act as it stood. But the real reason, to my mind, which has prevented the old Act from having anything like [illegible] and I think every one will agree that it [illegible] raiyat, if he borrows from the Government, cannot also borrow from the money-lenders. It was a sermon on the old text that 'you cannot serve two masters.' The raiyat comes to the Government and he receives the loan, but, in order to receive it, he must hypothecate his land. Shortly afterwards he wants perhaps to borrow for some other purpose—for marriage, or to pay his revenue, or for any one of the thousand domestic purposes for which he requires money besides agricultural operations. He then goes to the village money-lender; the money-lender turns round upon him and says:—'No, you have already borrowed from the Government; the Government have been ruining my business by charging a lower rate of interest than mine; the Government have already got the first lien on your land, and now you can go to the Government for the other money that you want.' Well, when it comes to a choice, and the raiyat has to decide whether he should borrow from one of two competitors, —one of whom can only lend for one purpose, while the other can lend for all purposes,—there is very small doubt as to what he will do. He will [illegible] one who can lend for all purposes, and despise the other who can only lend for one purpose. That is, I think, the real reason which cuts at the root of any very extended usefulness of the Act as it at present stands. There remains the fact that, though this applies to the cultivators who are indebted, it does not apply to the cultivators who are not indebted. These may require loans for agricultural improvements, and to them the necessity for keeping on good terms with the village money-lender does not apply; but the great majority of cultivators—even those very well off—all over the country, must occasionally have to apply for loans for temporary purposes. Well, I suppose, the logical deduction from this would be—'Then why not give up the whole business and try and arrange a system of companies or banks conducted by private enterprise which shall take over from you the agricultural loans, and at the same time carry out the ordinary domestic and industrial loans which the raiyat wants at all times [illegible] in all parts of India?'"

"We have given a great deal of attention to this subject, with the assistance of my hon'ble friends, Major Baring, Mr. Crosthwaite and others; we have been practically working at it all the season; it has been thoroughly threshed out, and a scheme up to a certain point has been devised; but the more we worked at it, and the deeper we dug, the greater the difficulties and the more insuperable they seemed. We were met by these two main difficulties, in regard to Northern India especially,—first, that the raiyat in those parts has no transferable interest in his land which he can offer as security, and the only interest he can offer—his crops—are previously hypothecated to the landlord. These were the two points at which we stuck. We got pretty well on with the work, when it was brought to our notice that a gentleman in Bombay—Mr. (now Sir William) Wedderburn—was at work on a similar scheme, and he had the advantage of being in communication with certain bankers at Puna who were apparently willing to assist him in starting an experiment of the kind. It occurred to us that the experiment of an Agricultural Banking Society aided by Government should, in the first instance, if tried at all, be tried in a selected tract of country, and not thrown to be torn in pieces by the fortune or ill-fortune which might attend it under the varying conditions of different parts of India; and, when we came to consider to what tract of country we should apply it, it seemed to us that very obvious advantages existed in regard to the Dekkhan which did not exist in any other part of India. In the first place, the cultivator of the Dekkhan has a transferable interest in his land, and, in the second place, he has no landlord coming between him and the Government. Well, Sir William Wedderburn was good enough to come up to Simla, and we had various conferences with him, and the upshot of it all is that we propose now to consult the Government of Bombay on the possibility of introducing such a scheme into a selected area in the Dekkhan. In the meantime, the necessity remains for amending the existing law, not only on the small technical point which I have mentioned, but also on the various grounds given by Mr. Crosthwaite. We wish to amend the defects in procedure; we wish to simplify the procedure in every direction, to shorten the operations and various processes through which the raiyat has to go before he can get his loan; we wish for permission to reduce fees and stamp-duties; we wish to bring the interest down to the lowest point compatible with justice and fairness to the general taxpayer; and we wish to make the law as elastic as possible, and to leave as much as possible to be provided for by the rules of the various Local Governments.

"These are the objects with which the Bill is brought in, and I have no doubt that, in the hands of my hon'ble friend Mr. Crosthwaite, these objects will be attained. We have also provided experimentally—and these provisions will have to be very carefully considered in Select Committee when leave is given to introduce the Bill—for permission practically for the Government to make over, in any tract in which an agricultural bank may be started, its money-lending business for agricultural operations altogether. Such banks have not yet been started generally; but I was very much interested in having my attention recently called to a report in the Bengal Government Gazette by the Commissioner of the Presidency Division of Bengal, giving an account of an agricultural bank which has been started in Jessore. That bank is conducted entirely by Native managers, and it has been started by Native capital. It is principally concerned with deposits by agriculturists, but it has also a good deal of loan work. Naturally, you will ask, if an agricultural bank in Bengal can do loan work, why should we have been so much hampered with regard to the security of the land and the crops? The answer is given in the Commissioner's report on the bank. The bank lends only on the security of zamíndárís and patní taluqs, that is to say, on what is absolutely, or nearly absolutely, proprietary right, and does not descend to tenures. This, of course, limits to a certain extent the usefulness of the bank from our point of view, but still it is a very useful experiment, and I only hope the example will be followed freely and frequently in other parts of India."

His Excellency THE PRESIDENT said:—

"I have only to say, in regard to this Bill, that it is not a very large measure. I believe, however, that it will remove many of the difficulties which now prevent the practical employment of the existing machinery for Government loans for agricultural improvements, and that, as far as it has that effect, it will I cannot doubt, be beneficial to the agricultural community.

"The difficulties found to exist in India in this matter are not confined to India alone. We find also at home that loans of this description are not taken advantage of to the extent to which one might naturally suppose they would be, for very much the same reasons as those which have deterred agriculturists from availing themselves of them in this country,—namely, the difficulties created by the very strict rules which have been laid down for the guidance of applicants for loans of this description. These rules have been found to be unpalatable to English landholders, and I am not by any means surprised to find that they have had the same effect in this country. The main object of this Bill is to simplify those rules to the greatest possible extent, to enable them to be applied to the different parts of the country as varying circumstances require; and it is my earnest hope that, although the measure is not one of a very extensive character, it will effect a small and useful reform in the present system of loans for agricultural improvements."

The Motion was put and agreed to.

The Council adjourned to Thursday, the 2nd November, 1882.

SIMLA;
The 26th October, 1882.

D. FITZPATRICK,
Secretary to the Government of India,
Legislative Department.

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Nº 45.} CALCUTTA, SATURDAY, NOVEMBER 11, 1882.

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GOVERNMENT OF INDIA.

DEPARTMENT OF FINANCE AND COMMERCE.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT INDIA FOR THE 1st HALF OF OCTOBER 1882.

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

Provinces.	Districts.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholum, Jowar), *Holcus Sorghum.* Present fortnight.	Great Millet (Cholum, Jowar), *Holcus Sorghum.* Past fortnight.	Great Millet (Cholum, Jowar), *Holcus Sorghum.* Corresponding fortnight of 1881.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.* Present fortnight.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.* Past fortnight.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.* Corresponding fortnight of 1881.	Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Coraloo, Murnwa, Nuglee), *Panicum Miliaceum, &c.* Present fortnight.	Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Coraloo, Murnwa, Nuglee), *Panicum Miliaceum, &c.* Past fortnight.	Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Coraloo, Murnwa, Nuglee), *Panicum Miliaceum, &c.* Corresponding fortnight of 1881.	Gram. Present fortnight.	Gram. Past fortnight.	Gram. Corresponding fortnight of 1881.	Firewood. Present fortnight.	Firewood. Past fortnight.	Firewood. Corresponding fortnight of 1881.	Salt. Wholesale. Present fortnight.	Salt. Wholesale. Past fortnight.	Salt. Wholesale. Corresponding fortnight of 1881.	Salt. Retail. Present fortnight.	Salt. Retail. Past fortnight.	Salt. Retail. Corresponding fortnight of 1881.	Districts.	Provinces.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.		
	Ganjam	8 13	7 6	13 0	...	...	...	17 13	17 13	19 6	19 8	19 8	20 8	...	...	...	...	...	...	35 8	35 3	32 3	26 10	26 10	26 10	215 13	215 13	215 13	...	...	...	15 8	15 8	11 5	Ganjam	
	Vizagapatam	10 0	11 8	14 0	...	...	...	9 0	10 10	12 5	11 5	12 6	13 10	21 10	21 10	25 14	31 11	27 11	27 11	26 5	24 3	28 5	22 3	22 3	28 2	93 5	93 5	87 8	15 3	15 3	11 11	14 0	14 0	10 8	Vizagapatam	
	Godavery	11 11	11 11	11 11	...	...	...	13 14	13 14	13 14	18 0	18 0	17 0	30 11	30 11	26 14	...	...	...	29 2	29 2	36 6	25 3	25 3	33 10	194 6	194 6	194 6	14 10	14 10	12 8	14 10	14 10	12 8	Godavery	
	Kistna	13 11	12 11	13 11	...	...	...	16 3	15 11	17 0	16 13	16 5	17 14	25 0	24 14	28 10	...	...	...	30 14	32 5	40 11	22 3	22 11	29 10	130 0	130 0	145 13	15 11	16 0	13 2	15 3	15 11	12 14	Kistna	
	Nellore	11 11	12 10	12 3	...	...	...	15 13	15 13	14 13	17 0	17 0	...	28 13	28 13	26 14	...	...	28 11	32 13	32 13	30 14	22 0	23 2	25 3	140 0*	186 10	93 5	15 6	15 6	12 11	14 13	14 13	12 11	Nellore	
	Cuddapah	14 5	14 0	14 11	...	...	...	12 13	12 6	12 6	14 8	14 2	12 14	30 0	30 0	27 10	37 11	31 14	30 6	31 8	33 0	31 8	25 13	24 14	34 6	194 6	194 6	194 6	17 8	17 8	14 6	16 10	16 10	13 14	Cuddapah	
	Anantapur	13 6	13 6	11 8	...	...	...	12 13	12 13	13 11	14 0	14 0	15 2	31 14	30 14	30 14	18 13	18 13	18 13	31 0	31 0	34 14	31 5	31 5	35 13	...	...	...	14 5	14 5	11 14	14 5	14 5	11 14	Anantapur	
	Bellary	19 3	16 14	16 5	...	...	...	12 5	12 5	11 13	13 8	13 8	13 0	41 3	37 2	37 2	26 5	26 5	29 2	43 10	34 14	34 14	33 10	30 3	37 0	82 10	82 10	97 3	15 13	15 13	13 6	15 8	15 11	13 2	Bellary	
	Kurnool	12 11	12 2	11 6	...	...	...	11 0	10 10	10 10	11 6	11 6	11 6	34 14	34 3	31 8	20 10	21 3	26 3	...	...	...	24 11	24 11	24 11	178 13	178 13	198 5	14 13	14 13	12 8	14 6	14 6	12 2	Kurnool	
	Madras	10 13	10 8	9 13	...	...	...	12 14	13 5	13 5	14 5	15 2	14 8	23 0	23 13	23 0	25 0	25 0	28 13	28 0	28 0	27 11	25 0	25 0	29 3	87 8	86 5	81 6	16 11	16 11	14 6	16 3	16 3	13 14	Madras	
	Chingleput	...	...	...	...	...	...	13 8	14 3	15 0	14 0	14 11	16 10	...	...	...	...	...	...	27 6	27 6	27 6	25 0	25 0	26 8	92 5	92 5	77 13	17 5	17 5	14 5	17 0	17 0	13 14	Chingleput	
	North Arcot	9 11	9 11	10 3	...	...	...	14 6	15 0	15 14	17 5	17 5	16 14	34 10	33 11	29 2	29 11	28 14	28 2	37 10	35 14	33 5	25 10	24 10	30 8	140 0	140 0	140 0	15 6	15 6	12 11	14 13	14 13	12 5	North Arcot	
	South Arcot	8 10	8 10	9 6	...	...	...	15 11	15 11	13 14	17 2	16 3	14 6	30 3	33 10	30 3	37 0	33 14	29 5	35 0	31 13	28 10	29 5	28 6	26 8	201 11	201 11	201 11	19 5	19 5	15 5	18 14	18 14	14 13	South Arcot	
	Tanjore	9 8	9 8	10 5	...	...	...	15 13	15 13	12 6	20 14	...	18 6	33 6	33 6	27 0	37 11	37 13	31 14	39 5	36 8	33 3	27 2	26 3	28 0	194 6	194 6	194 6	16 10	15 16	13 5	16 2	15 10	13 5	Tanjore	
	Trichinopoly	9 10	9 10	10 10	...	...	...	14 13	14 6	13 11	15 8	14 14	14 8	28 0	28 0	28 0	25 6	27 14	29 3	32 11	31 6	31 6	30 0	30 13	30 0	97 3	97 3	97 3	17 13	17 13	13 13	17 0	17 0	13 0	Trichinopoly	
	Madura	11 11	11 11	11 11	...	...	...	14 11	14 11	12 13	16 0	15 3	13 14	35 10	35 10	32 6	32 5	31 10	30 14	37 3	33 5	32 8	31 2	30 5	30 5	121 8	131 3	126 6	17 13	17 13	14 8	16 13	17 5	14 0	Madura	
	Tinnevelly	8 0	8 0	9 8	...	...	...	15 14	15 6	11 2	19 3	15 13	12 8	...	...	...	...	...	...	...	...	...	28 8	27 5	22 0	70 0	81 10	81 10	18 5	18 11	14 13	17 13	18 3	14 5	Tinnevelly	
	Coimbatore	10 11	10 11	11 8	...	...	...	13 8	13 8	13 0	14 14	14 14	14 0	26 2	26 2	30 6	28 10	28 10	35 0	27 14	27 14	32 13	25 10	25 10	38 0	131 3	131 3	131 3	14 11	14 11	12 11	14 10	14 10	12 3	Coimbatore	
	Nilgiris	9 3	8 8	9 14	...	...	...	9 10	9 10	9 10	11 8	11 8	12 0	28 2	20 13	21 10	21 0	19 10	20 5	19 10	20 3	20 3	19 14	20 11	23 3	161 13	161 13	121 8	11 0	11 0	9 3	11 14	11 14	9 3	Nilgiris	
	Salem	11 0	10 11	11 14	...	...	...	14 0	14 0	13 10	15 10	15 10	14 11	33 18	30 14	30 14	29 8	27 13	28 11	30 13	30 13	31 10	34 0	34 8	34 8	151 10	151 10	151 10	19 2	19 2	15 0	18 0	18 0	12 14	Salem	
	South Canara	8 10	8 10	8 13	...	...	...	8 11	9 11	9 11	10 3	10 11	15 11	...	...	...	...	...	...	17 10	17 10	21 2	19 3	20 3	20 3	116 6	116 6	109 5	16 13	15 8	12 2	15 13	14 11	11 3	South Canara	
	Malabar	9 6	7 3	10 8	...	...	...	14 10	14 10	15 6	15 0	15 0	16 3	...	...	...	...	...	...	21 14	21 14	28 6	22 11	22 11	29 6	121 8	121 8	121 10	13 8	13 8	10 13	12 10	12 10	9 14	Malabar	
	Bombay	10 0	10 0	10 9	18 0	18 4	21 12	8 13	8 11	8 12	14 7	14 1	13 13	20 0	20 0	25 7	17 10	17 5	18 3	22 10	23 0	18 14	18 2	17 0	18 8	59 9	58 8	61 7	14 6	14 6	12 9	12 9	12 9	12 9	Bombay	
	Ahmedabad	14 0	14 0	14 8	...	...	23 0	8 8	8 0	7 0	9 0	8 8	10 0	19 0	18 8	23 0	17 0	17 0	19 8	...	...	...	19 8	20 0	19 0	80 0	80 0	80 0	16 8	16 8	13 4	16 0	16 0	13 0	Ahmedabad	
	Kaira	13 5	13 5	13 14	22 14	22 14	26 10	10 0	10 0	9 2	16 0	16 0	14 9	20 0	20 0	20 0	16 0	16 0	19 0	...	...	...	18 13	18 18	17 12	80 0	80 0	80 0	...	...	...	16 0	16 0	12 13	Kaira	
	Surat	12 8	12 8	13 1	7 11	7 11	12 4	8 3	8 3	6 13	8 12	8 12	8 5	15 9	15 9	18 13	14 14	14 14	14 0	...	...	...	16 0	16 0	17 4	80 0	80 0	80 0	13 9	13 9	10 11	13 9	13 9	10 11	Surat	
	Broach	13 5½	13 5½	15 3¾	...	...	...	11 1	11 1	8 14½	12 9	12 9	12 4¾	16 9½	16 9½	20 0	15 4	15 4	17 12½	...	...	...	16 0	16 0	18 13	106 0	106 0	106 0	12 13	12 13	12 13	12 13	12 13	12 13	Broach	
	Tanna (Salsette)	9 12	10 5	10 5	...	...	...	9 0	8 3	8 2	11 4	10 0	11 4	18 10	18 10	18 10	15 0	15 4	17 12½	25 11	25 11	25 11	14 15	14 15	15 10	71 1	71 1	71 1	14 5	14 5	11 7	13 13	13 13	13 13	Tanna (Salsette)	
	Colába (Alibág)	8 8	8 8	9 0	...	...	...	7 8	7 8	8 0	14 8	14 8	15 0	...	...	...	...	...	...	...	...	...	12 8	12 8	15 0	120 0	120 0	110 0	13 0	13 0	12 0	12 0	12 0	11 8	Colába (Alibág)	
	Khandesh (Dhulia)	14 2	14 2	15 14	...	...	...	7 4	7 4	7 4	10 15	10 15	10 15	18 11	17 13	34 0	15 5	15 6	27 0	...	...	...	12 9	13 0½	25 15	140 0	140 0	140 0	14 2	14 2	11 10	14 0	14 0	11 8	Khandesh (Dhulia)	
	Násik	14 4	14 4	14 5	...	...	...	7 7	7 7	7 7	12 0	12 0	11 12	...	...	28 0	18 6	18 6	22 9	27 9	27 9	27 8	15 8	15 8	23 0	128 0	128 0	114 0	14 8	14 8	11 11	14 4	14 4	11 8	Násik	
	Ahmednagar	13 4	14 6	14 11	...	...	...	9 11	9 11	8 9	12 0	12 0	10 9	27 6	26 13	39 14	32 8	31 7	29 12	...	...	...	16 5	17 3	23 4	91 5	91 5	106 6	14 9	14 9	11 9	14 7	14 7	11 7	Ahmednagar	
	Poona	12 10	12 10	11 8	...	...	...	11 0	11 0	8 9	12 4	12 4	11 0	26 2	26 2	30 7	20 11	20 11	20 11	...	...	...	14 15	16 2	18 6	68 0	68 0	76 0	11 15	13 1	11 6	11 11	12 13	11 2	Poona	
	Sholápur	13 5	13 9	15 6	...	...	...	10 7	10 7	10 7	11 15	11 12	11 13	30 10	35 12	37 15	26 14	27 2	29 6	...	...	...	16 0	18 4	21 7	80 0	80 0	98 0	13 8	13 8	12 0	12 8	12 8	11 12	Sholápur	
	Kaládgi (Bagalkot)	23 0	22 12	17 12	15 0	15 0	11 0	6 12	6 12	7 14	8 14	9 0	10 14	42 0	45 0	27 12	37 0	39 0	25 12	...	...	...	11 12	11 12	15 12	130 0	130 0	112 0	12 0	12 0	10 0	11 12	11 12	9 12	Kaládgi (Bagalkot)	
	Satara	12 1	12 1	12 1	...	...	...	8 3	8 14	8 14	10 0	10 12	10 0	25 14	26 10	27 15	22 0	22 0	25 14	...	...	...	13 10	14 5	14 15	116 8	116 8	116 8	12 6	12 6	10 3	11 10	11 10	9 7	Satara	
	Belgaum	19 0	19 0	16 0	14 0	14 0	11 0	10 0	10 0	11 8	10 8	10 8	12 0	28 7	30 0	28 0	27 8	26 13	26 0	39 0	37 8	34 0	21 8	11 8	13 8	75 0	75 0	65 0	13 8	13 8	10 0	12 8	13 0	9 0	Belgaum	
	Dharwar (Hubli)	24 0	24 0	19 0	...	...	...	13 0	12 0	12 0	16 0	15 0	14 0	33 0	34 0	30 0	23 0	23 0	24 0	34 0	35 0	22 0	10 0	10 0	13 0	80 0	80 0	80 0	9 13	9 8	8 0	9 0	9 0	8 0	Dharwar (Hubli)	
	Ratnágiri	9 4	10 9	8 9	...	...	...	8 9	7 13	10 11	15 9	14 2	15 9	18 3	18 3	20 13	14 11	14 11	15 0	21 2	21 2	21 2	14 0	14 0	16 13	120 0	120 0	130 0	11 10	11 10	10 6	11 10	11 10	10 6	Ratnágiri	
	Kanara (Karwar)	10 8	10 8	10 0	...	...	...	8 0	8 0	8 8	11 0	10 11	17 0	16 0	14 0	20 0	14 0	13 5	11 8	16 0	20 0	22 0	13 0	13 0	12 0	213 5	213 5	213 5	13 5	11 8	...	12 0	10 8	10 0	Kanara (Karwar)	
	Pánch Mahals (Godhra)	11 6	11 6	11 6	...	...	...	11 6	11 6	11 6	15 0	15 0	15 0	32 0	32 0	32 0	16 0	16 0	24 0	23 0	23 0	32 0	32 0	32 0	26 10	200 0	200 0	200 0	16 0	16 0	...	15 4	15 4	11 6	Pánch Mahals (Godhra)	
	Aden	8 0	8 0	8 0	...	...	...	7 0	6 3	6 3	8 0	7 0	7 0	11 3	11 3	9 5	5 9	5 8	0 8	...	...	...	9 5	9 5	9 5	65 5	65 5	65 5	...	...	...	32 0	32 0	32 0	Aden	
	Asirgarh	14 8	13 10	15 0	...	...	...	10 4	10 8	10 0	12 0	12 2	12 0	24 7	24 13	45 0	22 0	22 0	30 0	...	...	...	16 0	17 3	26 0	160 0	160 0	160 0	11 4	11 9	10 0	11 4	11 9	10 0	Asirgarh	
	Baroda	10 5	10 9	10 9	14 6½	14 2	14 14	9 10	9 6	7 7	12 0	11 11	10 14	20 9	17 10	...	16 7	16 7	16 0	...	...	...	16 7	16 2	16 9	83 10	83 10	75 0	14 11	14 11	12 0	14 10	14 10	12 0	Baroda	
	Disa	15 8	15 8	15 8	...	...	...	6 6	6 6	6 6	8 11	8 11	8 6	17 8	19 4	22 1	19 0	18 8	21 0	...	...	...	20 4	19 4	15 12	137 8	137 8	137 8	13 8	13 8	10 8	13 0	13 0	10 0	Disa	
	Nimach	16 0	16 0	18 8	17 8	17 8	22 0	9 8	9 8	8 0	11 0	10 0	9 0	23 0	23 0	26 0	18 0	18 0	23 0	...	...	...	19 8	19 8	18 0	160 0	160 0	140 0	...	...	...	11 12	11 9	9 8	Nimach	
	Nasirabad	16 8	16 8	17 12½	25 0	23 10	26 1½	6 0	6 0	6 0	7 0	7 0	7 0	24 0	23 13	29 0	17 0	16 0	23 0	...	...	...	24 8½	23 10	22 11½	70 0	73 5½	70 0	†16 6	†16 6½	...	16 0†	16 0†	12 8†	Nasirabad	
	Rajkot	13 4	13 10	17 0	...	...	...	6 8	6 8	5 8	11 0	11 0	10 0	16 0	16 0	25 12	13 4	13 0	20 0	...	...	...	16 8	16 12	23 12	70 0	70 0	70 0	†55 0	†55 0	†45 0	48 0†	48 0†	...	Rajkot	
	Upper Sindh Frontier	14 0	13 4	12 0	26 0	25 0	16 0	11 4	11 4	9 0	20 0	20 0	13 0	37 1	33 8	33 0	29 0	27 8	...	40 0	40 0	...	18 4	18 0	16 8	160 0	160 0	160 0	‡12 12	‡12 4½	‡10 5	12 8½	12 0†	10 0‡	Upper Sindh Frontier	
	Karachi	12 5	12 5	10 5	21 0	20 0	19 0	9 8	9 8	8 9	16 0	18 0	12 0	23 0	23 0	21 0	29 0	29 0	19 0	11 0	11 0	11 0	17 0	17 0	14 0	105 0	105 0	105 0	17 13	17 13	14 3	17 0	17 0	14 0	Karachi	
	Haidarabad (Nakur)	16 0	14 0	12 0	26 0	26 0	18 0	12 0	14 0	11 0	14 0	20 0	16 0	30 0	32 0	26 0	26 0	28 0	19 0	24 0	24 0	...	17 0	14 0	10 0	320 0	480 0	320 0	14 0	14 0	11 0	14 0	14 0	11 0	Haidarabad (Nakur)	
	Shikarpur	13 6½	13 2½	11 12½	24 8	25 6	18 0	12 8	12 4	11 4	18 15	20 4	18 10	30 2	32 0	25 2	27 2	30 8	21 9	11 0	11 0	9 8	18 0	19 0	18 0	240 0	260 0	250 0	13 0	13 8	11 2	12 12	13 0	11 0	Shikarpur	
	Thar and Parkar (Umarkot)	18 0	18 0	14 13	...	...	...	...	...	...	12 15	12 12	14 7	...	...	...	22 12	22 12	22 10	...	...	...	...	...	...	160 0	160 0	160 0	11 5	11 5	9 10	11 5	11 5	9 10	Thar and Parkar (Umarkot)	
	Western Districts.																												Prices per md. of 40 seers.						*Western Districts.*	
																													Rs. A. P.	Rs. A. P.	Rs. A. P.					
	Burdwan	13 4c	13 4	13 8	40 0	40 0	30 4	24 0	25 2	28 4	26 4	27 0	30 0	...	...	...	...	...	...	...	...	...	28 8	21 0	23 0	120 0	120 0	100 0	2 14 6	2 15 0	...	14 8	13 8	10 0	Burdwan	
	Bancoorah	13 8b	13 8	14 0	15 0	15 0	16 0	21 0	21 0	24 0	27 0	27 0	34 0	...	...	...	...	...	...	...	...	...	18 0	18 0	20 0	240 0	240 0	320 0	3 1 0	3 1 0	...	13 0	13 0	9 0	Bancoorah	
	Beerbhoom	13 4c	13 4	15 0	...	...	...	17 0	16 8	22 8	21 0	21 0	29 0	...	...	...	...	...	...	...	...	...	19 8	19 0	21 0	160 0	160 0	180 0	3 5 0	3 1 3	...	12 0	12 0	9 0	Beerbhoom	
	Midnapore	13 0d	13 0	13 8	...	...	...	21 0	21 0	20 0	25 0	25 0	27 0	...	...	...	...	...	...	...	...	...	18 0	18 0	19 0	150 0	155 0	160 0	2 14 0	2 14 0	...	14 0	13 5	9 8	Midnapore	
	Hooghly	16 0e	20 0	14 0	...	...	...	10 0	10 0	10 0	20 0	20 0	20 0	...	...	...	...	...	...	...	...	...	20 0	20 0	23 0	120 0	120 0	100 0	2 14 0	2 14 0	3 12 0	13 9	13 9	9 0	Hooghly	
	Howrah	13 0	13 4	15 8	...	23 0	...	14 8	15 8	16 0	17 8	17 12	20 0	...	...	...	...	...	...	...	...	...	20 0	21 0	22 8	80 0	80 0	80 0	2 12 0	2 14 0	3 14 0	13 0	12 13	10 8	Howrah	

a In the subdivisional retail prices of salt are as follow :—Culna 15 seers, Cutwa 13-4 seers, and Kaneegunge 14 seers.
b In the interior retail prices of salt are as follow :—Raipore 13 seers, Onda and Indas 16 seers, Mejia, Bishenpore, and Kotulpore 13 seers.

* The Collector attributes the rise in the price of firewood to the recent rains which resulted in the ryots who dealt in firewood directing their attention to cultivation.
† sambhur salt. ‡ In common use.
c In the interior retail prices of salt range from 9 to 14 seers.
d Divisions retail prices of salt are as follow :—Ghattal 14-12 seers and Contai 11 seers.
e Divisions retail prices of salt are as follow :—Serampore 13 seers and Jehanabad 13-8 seers.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT INDIA FOR THE 1st HALF OF OCTOBER 1882—*continued.*

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

Provinces.	Districts.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholum, Jowar), *Holcus Sorgsum.* Present fortnight.	Great Millet (Cholum, Jowar), *Holcus Sorgsum.* Past fortnight.	Great Millet (Cholum, Jowar), *Holcus Sorgsum.* Corresponding fortnight of 1881.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.* Present fortnight.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.* Past fortnight.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.* Corresponding fortnight of 1881.	Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Coraloo, Murhwa, Naglee), *Panicum Miliaceum, &c.* Present fortnight.	Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Coraloo, Murhwa, Naglee), *Panicum Miliaceum, &c.* Past fortnight.	Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Coraloo, Murhwa, Naglee), *Panicum Miliaceum, &c.* Corresponding fortnight of 1881.	Gram. Present fortnight.	Gram. Past fortnight.	Gram. Corresponding fortnight of 1881.	Firewood. Present fortnight.	Firewood. Past fortnight.	Firewood. Corresponding fortnight of 1881.	Salt. Wholesale prices per maund of 40 seers. Present fortnight.	Salt. Wholesale prices per maund of 40 seers. Past fortnight.	Salt. Wholesale prices per maund of 40 seers. Corresponding fortnight of 1881.	Salt. Retail. Present fortnight.	Salt. Retail. Past fortnight.	Salt. Retail. Corresponding fortnight of 1881.	Districts.	Provinces.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. A. P.	Rs. A. P.	Rs. A. P.	S. Ch.	S. Ch.	S. Ch.		
	Central Districts.																															*Central Districts.*	
	Calcutta	13 5	13 11	14 0	24 8	26 14	32 0	10 0	10 0	8 0	20 0	20 0	16 0	...	...	...	...	...	...	...	...	...	2 10 0	2 10 0	...	14 9	14 9	10 0	Calcutta	
	24-Pergunnahs	13 5[f]	13 5	13 5	20 0	20 0	38 0	10 8	10 8	10 0	17 0	17 8	20 0	...	...	...	...	...	...	...	...	...	3 0 0	2 14 0	...	13 5	13 14	10 0	24-Pergunnahs	
	Nuddea	13 5[g]	14 4	16 0	24 10	26 0	35 8	15 4	16 0	16 0	20 0	19 0	21 5¼	...	...	16 0	...	...	...	...	...	...	3 0 0	3 0 0	...	11 10½	11 10½	10 0	Nuddea	
	Khoolna	...[h]	...	...	...	...	...	16 0	16 0	...	22 0	22 0	...	...	...	...	...	...	...	160 0	160 0	...	3 2 0	3 2 0	4 0 0	11 0	11 0	...	Khoolna	
	Jessore	10 0[i]	13 0	13 12	...	...	...	16 0	16 0	20 0	21 4	21 4	29 0	...	...	...	...	...	...	120 0	120 0	110 0	3 0 0	3 0 0	4 4 0	11 8	11 8	8 0	Jessore	
	Moorshedabad	16 0[j]	16 0	16 0	...	...	...	14 6	15 0	15 0	21 4	21 4	26 0	...	...	...	...	...	...	120 0	120 0	120 0	2 15 0	3 0 0	...	12 0	12 0	9 0 to 10 0	Moorshedabad	
	Dinagepore	13 4[k]	13 4	14 0	14 0	14 0	20 0	20 0	19 8	16 8	26 0	24 0	27 8	...	...	...	...	...	...	160 0	160 0	180 0	3 3 6	3 3 6	...	12 0	12 0	8 12	Dinagepore	
	Rajshahye	13 8[l] to 14 4	13 8 to 14 4	15 0 to 18 0	32 0	32 0	45 0	16 13¼	13 8 to 16 0	15 0 to 16 8	17 4 to 28 12	18 8 to 24 0	24 12 to 26 4	...	...	...	...	...	...	240 0	240 0	240 0	3 2 0	3 2 0	...	12 12	12 12	9 6	Rajshahye	
	Rungpore	16 0[m]	16 0	15 0	...	...	...	14 0	15 0	15 0	20 0	23 0	20 0	...	...	...	...	...	...	130 0	130 0	120 0	3 5 3	3 5 3	...	11 8	11 8	8 12	Rungpore	
	Bogra	17 8	18 12	19 8	...	...	...	18 0	18 0	18 12	26 4	27 3	30 0	...	...	...	...	...	...	67 8	48 12	67 8	3 1 4	3 5 4	...	12 0	12 0	8 10	Bogra	
	Pubna	17 4[n]	18 0	18 0	...	...	...	9 4	10 0	9 0	22 8	24 0	26 8	...	...	...	...	...	...	200 0	200 0	200 0	3 0 0	3 1 0	4 2 0	12 12	12 0	9 12	Pubna	
	Darjeeling	8 0[o]	8 0	8 0	8 0	8 0	8 0	5 0	5 0	5 0	12 0	12 0	10 0	...	...	...	...	...	...	160 0	160 0	160 0	4 8 0	4 8 0	...	8 0	8 0	5 0	Darjeeling	
	Jalpáiguri	10 0[p]	10 0	9 0	20 0	20 0	...	14 0	14 0	12 4	20 0	20 0	18 0	...	...	...	...	...	...	128 0	128 0	64 0	3 4 0	3 4 0	...	11 0	11 0	9 0	Jalpáiguri	
	Eastern Districts.																															*Eastern Districts.*	
	Dacca	13 12[q]	13 5	13 5	40 0	32 0	35 8	22 10	22 0	26 0	26 8	30 0	29 0	...	...	...	...	...	...	101 0	106 8	106 8	2 14 0	2 14 0	...	13 5	13 5	10 0	Dacca	
	Furreedpore	20 0[r]	20 0	27 0	37 8	37 8	30 0	20 8	21 0	8 0	22 0	22 0	25 0	...	...	...	...	...	...	120 0	120 0	...	3 2 0	3 2 0	...	12 0	12 0	9 8	Furreedpore	
	Backergunge	...[s]	...	...	...	...	...	18 0	19 0	21 0	23 0	23 0	28 8	...	...	...	...	...	...	100 0	100 0	100 0	2 15 0	2 15 0	...	13 0	13 0	8 8	Backergunge	
	Mymensingh	11 8[t]	11 8	13 0	...	...	...	26 8	20 0	24 0	27 8	26 0	25 0	...	...	...	...	...	...	...	...	...	3 2 0	3 3 0	...	13 0	12 8	9 12	Mymensingh	
	Tipperah	11 8[u]	11 8	13 0	...	...	...	19 4	21 5	26 0	27 12	31 8	36 0	...	...	...	...	...	...	...	...	...	3 2 0	3 2 0	...	12 8	12 8	9 12	Tipperah	
	Chittagong	9 0[v]	9 0	11 4	...	...	...	14 0	12 8	16 0	22 8	22 8	28 0	...	...	...	...	...	...	...	...	...	3 2 0	3 2 0	...	12 8	12 8	9 12	Tipperah	
	Noakholly	...[w]	...	...	...	...	...	22 0	22 0	21 0	26 0	26 0	25 0	...	...	...	...	...	...	160 0	160 0	160 0	2 14 0	2 14 0	...	13 0	13 0	10 0	Chittagong	
	Chittagong Hill Tracts	...	...	...	...	...	...	13 5	13 5	16 0	16 0	17 12	17 12	...	...	...	...	...	...	...	...	...	3 2 0	3 2 0	...	10 0	10 0	8 0	Noakholly	
	Hill Tipperah	10 0	10 0	10 0	...	...	...	20 0	21 0	20 0	28 0	28 0	28 0	...	...	...	...	...	...	320 0	320 0	320 0	4 0 0	3 4 0	...	9 0	10 9	8 0	Chittagong Hill Tracts	
	Behar.																															*Behar.*	
	Patna	22 0	22 0	24 0	28 0	28 0	40 0	14 0	14 0	14 0	22 8	22 8	22 0	...	...	...	...	...	...	14 0	14 0	9 0	...	...	...	11 0	10 0	8 0	Hill Tipperah	
	Gya	18 0	17 0	20 8	23 8	24 0	38 0	12 8	12 0	12 8	19 0	17 8	22 8	...	...	...	...	...	...	28 0	28 0	28 0	3 4 0	3 4 0	...	10 8	10 8	9 10	Patna	
	Shahabad	16 8[x] to 18 0	16 0 to 17 8	16 0 to 18 0	26 0	25 8	36 0	17 0	17 0	20 0 to 21 0	18 0 to 19 0	18 0 to 19 0	22 0 to 23 0	...	...	...	...	...	...	180 0	180 0	160 0	3 4 0	3 5 0	...	11 8	11 8	9 0	Gya	
	Durbhunga	14 0[y]	14 0	15 0	30 0	30 0	35 0	13 0	14 0	13 0	16 0	17 0	17 0	...	...	...	...	...	...	100 0	120 0	140 0	3 1 0	3 1 0	...	12 8	12 8	10 0	Shahabad	
	Mozufferpore	16 0[z]	16 0	17 0	40 0	40 0	40 0	12 0	12 0	12 0	17 0	17 0	18 0	...	...	...	...	...	...	160 0	160 0	160 0	3 10 0	3 10 0	...	11 0	11 0	8 8	Durbhunga	
	Sarun	16 8	16 8	16 8	28 0	28 0	40 0	10 0	10 0	10 0	21 0	19 8	22 0	...	...	...	...	...	...	140 0	140 0	140 0	3 3 0	3 4 0	...	12 0	12 0	9 0	Mozufferpore	
	Chumparun	17 0[a1]	18 0	21 0	32 0	36 0	50 0	14 0	12 0	14 0	21 0	18 0	28 0	35 0	34 0	39 0	...	...	...	160 0	160 0	160 0	3 3 0	3 4 0	...	11 0	11 0	9 0	Sarun	
	Monghyr	17 13[a2]	17 13	17 13	36 12	31 8	42 0	15 12	15 12	14 11	17 13	17 13	21 0	...	...	...	...	...	...	...	...	...	3 5 0	3 6 0	...	11 8	11 8	8 8	Chumparun	
	Bhágalpur	15 2[a3]	15 2	14 6	35 5	37 14	46 0	17 11	17 11	17 11	19 9	20 3	20 8	...	...	...	...	...	...	151 8	151 8	126 4	2 14 0	2 14 6	...	12 10	12 10	9 7	Monghyr	
	Purneah	14 0[a4]	14 0	16 0	...	...	50 0	18 0	20 0	21 0	20 0	24 0	30 0	...	...	...	...	...	...	160 0	160 0	120 0	3 12 0	3 12 0	...	10 12	10 12	8 0	Bhágalpur	
	Maldah	17 0	17 0	16 0	...	...	...	20 0	16 0	15 0	22 0	22 0	25 0	...	...	...	...	...	...	200 0	120 0	120 0	3 8 0	3 8 0	...	11 0	12 0	9 0	Purneah	
	Sonthal Pergunnahs	13 0	13 0	11 4	...	...	...	16 0	16 0	21 0	22 0	22 0	25 0	...	...	...	...	...	...	200 0	200 0	200 0	3 4 6	3 4 0	...	11 4	11 4	8 0	Maldah	
	Orissa.																															*Orissa.*	
	Cuttack	15 12	14 7	17 1	...	...	...	15 12	15 12	15 12	26 4[b]	26 4	24 15	...	...	...	...	...	...	160 0	160 0	160 0	2 12 0	2 12 0	3 12 0	14 0	14 0	10 0	Sonthal Pergunnahs	
	Pooree	9 0[z5]	10 4	13 2	...	...	...	19 0	20 0	20 0	25 0	25 0	25 0	...	...	...	...	...	...	120 0	105 0	128 0	2 12 0	2 12 0	...	13 4	13 4	11 0	Cuttack	
	Balasore	14 0[z6]	14 0	13 0	...	...	...	25 0	25 0	22 0	28 0	28 0	32 0	...	...	...	...	...	...	120 0	120 0	128 0	3 2 0	3 2 0	3 12 0	12 12	12 12	9 8	Pooree	
	Chota Nagpore—South-Western Frontier Agency.																															*Chota Nagpore—South-Western Frontier Agency.*	
	Hazaribagh	13 0[z7]	13 0	18 0	18 0	17 0	...	10 0	10 0	13 0	18 0	19 0	22 0	...	...	...	...	...	...	240 0	240 0	240 0	3 8 0	3 8 0	...	11 0	11 0	8 0	Balasore	
	Lohardugga	14 0[z8]	14 0	16 0	20 0	20 0	24 0	20 0	20 0	22 0	22 0	22 0	24 0	...	...	...	...	...	...	120 0	120 0	140 0	4 2 0	4 2 0	...	9 0	9 0	7 0	Hazáribágh	
	Singbhoom	20 0	20 0	24 0	28 0	28 0	40 0	36 0	36 0	32 0	40 0	40 0	36 0	...	...	...	...	...	...	180 0	180 0	160 0	3 12 0	4 0 0	...	9 0	8 12	6 0	Lohardugga	
	Manbhoom	13 0[z9]	12 0	13 8	...	...	...	17 0	18 0	22 0	31 0	28 0	34 0	...	...	...	...	...	...	120 0	120 0	160 0	3 6 9	3 12 0	...	10 8	10 12	8 8	Singbhoom	
		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Manbhoom	

* In the interior retail price of common rice varies from 31-8 to 39-6 seers per rupee.

f In the sub-divisions retail prices of salt are as follow :—Baraset and Bussirhat 13 seers, Diamond Harbour and Barripore 10-8 seers, Barrackpore 12-12 seers, and Dum-Dum 12 seers.

g In the sub-divisions retail prices of salt are as follow :—Kooshtea and Bongong 13 seers, Meherpore 10-4 seers, Chooadanga 12 seers, and Ranaghat 13-10 seers.

h In Bagirhat sub-division retail price of salt is 11 seers per rupee.

i In the sub-divisions retail price of salt is 12 seers per rupee.

j In the sub-divisions retail prices of salt are as follow :—Lalbagh 11 seers, and Jungypore and Kandi 11-8 seers.

k In the sub-divisions retail prices of salt are as follow :—Raigunge 9 seers and Nitpore 12 seers.

l In Nattore retail price of salt is 12 seers per rupee.

m In the sub-divisions retail prices of salt are as follow :—Nilphamari 12 seers and Gaibanda 11 seers.

n In Serajgunge sub-division retail price of salt is 14 seers per rupee.

o In the sub-divisions retail prices of salt are as follow :—Kurseong 8 seers and Silligori 10 seers.

p Retail price of salt at Fallacotta in Alipore sub-division is 10-8 seers per rupee.

q In the sub-divisions retail prices of salt are as follow :—Manickgunge 12 seers, Moonsheegunge 10 seers 5½ chittacks, and Naraingunge 13-8 seers.

r In the sub-divisions retail prices of salt are as follow :—Goalundo 10 seers, Madaripore 13 seers, and Bhanga and Gopalgunge 12 seers.

s In the sub-divisions retail prices of salt are as follow :—Patuakhali 10-10 seers, Perozepore 11 seers, and Bhola 9 seers.

t In the sub-divisions retail prices of salt are as follow :—Kishoregunge 10-10 seers, Attea 12 seers, Jamalpore 11 seers, and Netrokona 12-5 seers.

u In the sub-divisions retail prices of salt are as follow :—Brahmunberiah 12-8 seers and Chaudpore 12 seers.

v Retail price of salt at Kumeriah 10 seers, Hathazaree 11 seers, and Cox's Bazar 12 seers.

w In the interior retail prices of salt range from 8 to 12-12 seers.

x In the sub-divisions retail prices of salt are as follow :—Buxar 11-8 seers, Sasseram 11-13 seers, and Bhabuah 10-12 seers.

y In the sub-divisions retail prices of salt are as follow :—Tajpore 11-8 seers and Madhubani 12 seers.

z In the interior retail prices of salt range from 10 to 12-5 seers.

a1 In the interior retail prices of salt range from 10 to 12-12 seers.

a2 In the sub-divisions retail prices of salt are as follow :—Begusarai 12 seers and Jamui 12-5 seers.

a3 In the sub-divisions retail prices of salt are as follow :—Banka 11 seers, Mudehpoora 10-8 seers, and Soopole 10 seers.

a4 In the sub-divisions retail prices of salt are as follow :—Kissengunge 10 seers, and Ranigunge in Arrareah sub-division 10 seers.

z5 In the sub-divisions retail prices of salt are as follow :—Khurda sub-division retail price of salt 13 seers per rupee.

z6 In Bhadrak sub-division retail price of salt 11 seers per rupee.

z7 Retail prices of salt at Chatra 10 seers and at Khurruckdiha 12 seers.

z8 Retail prices of salt at Daltongunge 10-13 seers per rupee.

z9 Retail price of salt at Burrabazar and Jhalda 10 seers, and at Govindpore 12 seers.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT INDIA FOR THE 1st HALF OF OCTOBER 1882 —*continued*.

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

Provinces.	Districts.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholum, Jowar), *Holcus Sorghum*. Present fortnight.	Great Millet (Cholum, Jowar), *Holcus Sorghum*. Past fortnight.	Great Millet (Cholum, Jowar), *Holcus Sorghum*. Corresponding fortnight of 1881.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata*. Present fortnight.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata*. Past fortnight.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata*. Corresponding fortnight of 1881.	Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Coraloo, Murhwa, Nuglee), *Panicum Miliaceum, &c.* Present fortnight.	Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Coraloo, Murhwa, Nuglee), *Panicum Miliaceum, &c.* Past fortnight.	Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Coraloo, Murhwa, Nuglee), *Panicum Miliaceum, &c.* Corresponding fortnight of 1881.	Gram. Present fortnight.	Gram. Past fortnight.	Gram. Corresponding fortnight of 1881.	Firewood. Present fortnight.	Firewood. Past fortnight.	Firewood. Corresponding fortnight of 1881.	Salt. Wholesale. Present fortnight.	Salt. Wholesale. Past fortnight.	Salt. Wholesale. Corresponding fortnight of 1881.	Salt. Retail. Present fortnight.	Salt. Retail. Past fortnight.	Salt. Retail. Corresponding fortnight of 1881.	Districts.	Provinces.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. A. per maund.	Rs. A. per maund.	Rs. A. per maund.	S. Ch.	S. Ch.	S. Ch.		
Assam.	Sylhet	No return received																															Sylhet	Assam.
	Cachar																																Cachar	
	Goálpárá																																Goálpárá	
	Gáro Hills																																Gáro Hills	
	Kámrúp																																Kámrúp	
	Darrang																																Darrang	
	Nowgong																																Nowgong	
	Sibságar																																Sibságar	
	Lakhimpur																																Lakhimpur	
	Khási & Jaintiá Hills																																Khási & Jaintiá Hills	
	Nága Hills																																Nága Hills	
N.-W. Provinces.	Dehra Dún	No return received			...		...	...		...	...		...	...		...	...		...	...		...	...		...			...			...			Dehra Dún	N.-W. Provinces.
	Saháranpur	20 15½	20 7	19 6½	32 4	31 3	37 12	10 12	9 11	7 9	13 15½	12 14½	14 0	30 11	32 4	32 5	25 13	23 10	27 0	...	...	...	129 0	129 0	150 8	12 1	12 1	10 0	11 13	11 13	10 0	Saháranpur	
	Muzaffarnagar	19 12	19 12	19 4	30 13	28 11	35 5	6 9	6 9	6 9	14 5	14 5	13 4	33 0	33 0	26 6	24 6	24 6	19 15	...	...	...	132 0	132 0	132 0	11 10	11 13	9 14	11 4	11 4	...	Muzaffarnagar	
	Meerut	19 0	19 8	20 0	27 0	27 0	30 0	6 0	6 0	5 8	15 0	15 0	13 0	27 0	27 0	25 0	23 0	21 0	20 0	...	...	...	110 0	110 0	110 0	12 0	12 0	10 0	11 8	11 8	9 8	Meerut	
	Bulandshahr	20 12	19 10	20 6	24 0	25 8	29 0	6 0	6 0	6 0	10 5	10 5	11 0	25 8	24 0	26 0	23 0	20 0	24 0	...	...	...	140 0	150 0	110 0	12 4	11 12	10 4	...	...	...	Bulandshahr	
	Aligarh	18 4	18 8	18 4	23 0	24 0	24 8	7 0	6 8	6 0	12 8	13 0	15 0	24 0	25 0	21 0	23 8	23 8	21 8	...	...	...	140 0	140 0	140 0	13 0	12 8	...	12 4	11 8	...	Aligarh	
	Kumaun	No return received																															Kumaun	
	Garhwál																																Garhwál	
	Bijnor																																Bijnor	
	Moradabad	19 6	19 11	20 5	23 2	23 2	28 2	9 6	9 6	8 2	14 6	13 2	15 0	26 4	26 4	26 4	18 2	18 2	23 12	...	...	...	137 8	137 8	125 0	12 0	12 12	...	11 14	11 14	10 15	Moradabad	
	Budaun	17 13½	18 0	19 10	22 3	23 1	27 14	9 9½	9 9½	6 0	17 11	18 0	16 3	...	...	...	21 9½	...	21 10	...	...	...	192 0	192 0	192 0	11 1½	10 12½	9 10	10 8	10 7½	10 10	Budaun	
	Bareilly	16 14	17 3	17 8	21 14	21 4	23 12	8 2	8 2	7 8	15 0	14 6	13 12	25 0	25 0	25 0	23 13	21 4	20 0	...	...	...	125 0	125 0	125 0	11 14	11 14	...	11 4	11 4	9 11	Bareilly	
	Sháhjáhánpur	18 8	19 2	19 4	24 8	25 0	27 12	9 4	9 4	8 0	19 8	19 12	17 8	...	...	...	...	...	...	...	...	...	160 0	160 0	160 0	12 10	12 8	10 8	10 12	10 12	9 0	Sháhjáhánpur	
	Tarái Pergunnahs	22 0	22 0	22 8	32 0	32 0	35 0	10 0	10 0	10 0	17 0	15 0	15 0	...	...	...	...	...	...	...	...	...	120 0	120 0	120 0	12 0	12 0	...	11 8	11 8	...	Tarái Pergunnahs	
	Muttra	17 12	17 8	17 12	25 8	24 0	23 0	...	...	7 0	14 0	14 0	14 0	24 0	24 0	21 0	24 0	23 0	31 0	...	...	...	140 0	140 0	140 0	14 0	14 0	...	12 0	12 0	10 0	Muttra	
	Agra	17 4	17 8	18 0	25 0	25 0	23 0	6 0	6 0	6 2	14 0	14 0	13 8	26 0	26 0	20 0	24 0	25 0	25 0	...	...	...	100 0	100 0	100 0	12 8	12 8	11 0	12 0	12 0	10 8	Agra	
	Farukhabad	17 2½	17 8	17 13	22 0	22 3½	24 14	6 13	6 13	6 2	14 4	13 6½	15 8	24 5	24 8	...	22 5½	22 12	22 0	...	...	...	156 8	156 8	156 12	12 0	11 14½	9 11	11 8½	10 14	9 11	Farukhabad	
	Mainpuri	18 8	18 8	17 0	23 0	24 0	21 0	5 0	5 0	5 0	10 0	11 0	12 0	...	...	...	...	...	...	...	...	...	160 0	160 0	160 0	12 0	12 0	...	11 0	11 0	9 9	Mainpuri	
	Etáwah	18 8	19 0	16 8	22 8	25 8	22 0	6 0	6 0	6 0	14 8	14 8	14 8	27 0	25 8	20 0	24 0	23 8	18 8	...	...	...	190 0	190 0	190 0	12 0	12 0	...	11 0	11 0	10 0	Etáwah	
	Etah	19 1	19 0	17 12	24 8	25 3	20 0	8 11	7 11	6 0	13 8	13 0	12 0	23 0	22 0	...	22 0	20 0	18 0	...	...	...	140 0	140 0	140 0	12 12	12 8	...	11 0	11 0	9 8	Etah	
	Jalaun	17 8	17 0	19 0	20 0	20 0	20 0	10 0	8 0	10 0	12 0	11 0	12 0	28 0	28 0	24 0	22 0	22 0	20 0	...	...	...	150 0	150 0	150 0	12 0	12 0	...	11 0	11 0	...	Jalaun	
	Jhánsi	21 10½	21 3	24 2	30 15½	31 15	29 2½	8 0	8 0	8 0	15 0	15 0	15 0	28 0	28 0	32 0	...	...	19 0	...	...	...	200 0	200 0	200 0	12 8	12 8	9 12	11 8	11 8	9 4	Jhánsi	
	Lalitpur	20 8	20 8	27 8	35 0	37 0	34 0	11 0	11 0	9 0	13 0	13 0	13 0	28 0	32 0	38 0	26 0	26 0	28 0	...	...	...	160 0	160 0	160 0	11 0	11 0	...	11 0	11 0	9 8	Lalitpur	
	Cawnpore	18 0	19 0	20 12	26 0	27 8	27 8	11 0	11 0	11 0	15 0	14 8	16 0	28 0	32 0	38 0	26 0	26 0	28 0	...	...	...	150 0	140 0	130 0	12 12	12 12	...	12 8	12 8	10 8	Cawnpore	
	Fatehpur	16 10	16 10	17 8	24 8	24 4	22 8	12 12	13 8	12 0	19 0	16 0	19 2	27 0	28 0	29 0	27 0	25 0	26 0	...	...	...	200 0	200 0	200 0	10 4	10 4	...	10 0	10 0	9 4	Fatehpur	
	Bánda	17 8	17 8	18 0	22 0	21 0	22 0	9 0	8 0	10 0	16 0	14 0	15 8	33 0	34 0	23 0	30 0	30 0	22 0	...	...	...	181 0	181 0	147 8	12 0	12 0	...	12 0	12 0	9 8	Bánda	
	Allahabad	17 2	17 8	17 8	25 0	25 4	23 8	11 8	12 0	11 0	18 0	16 0	19 0	31 0	32 8	28 0	30 0	30 0	22 0	...	...	...	140 0	140 0	140 0	11 4	11 12	9 9	10 0	11 0	...	Allahabad	
	Hamírpur	15 14	16 14	16 0	18 0	18 0	22 8	10 0	11 4	10 2	...	...	16 5	27 0	29 8	23 14	27 2	27 0	21 6	...	...	...	120 0	120 0	141 4	9 11	9 11	...	9 9	9 9	8 15	Hamírpur	
	Jaunpur	19 0	18 5	20 7	29 10	28 15	31 12	7 12	7 1	7 12	15 8	15 8	16 15	...	...	...	19 11	19 12	19 13	...	...	...	160 0	160 0	120 0	10 6½	11 13	...	9 9½	10 6½	8 6½	Jaunpur	
	Gorakhpur	18 14½	18 14½	20 13½	27 0	27 0	46 12½	14 6½	14 6½	14 6½	21 9½	19 13	21 9½	34 3	36 0	50 6½	...	...	...	...	...	...	140 0	140 0	140 0	9 8	9 8	9 7	9 0	9 0	7 0	Gorakhpur	
	Basti	18 8	18 0	21 0	28 0	28 0	40 0	16 0	16 0	13 8	20 0	20 0	17 0	...	...	...	...	...	...	...	...	...	181 0	181 0	147 8	10 8	10 8	7 14	9 13	9 13	9 3	Basti	
	Azamgarh	17 11	16 4	20 10	24 6	24 6	32 9	10 9	11 9	10 5	14 12	17 11	17 7	...	...	...	...	...	...	...	...	...	100 0	100 0	100 0	10 0	10 0	9 0	9 0	9 0	8 0	Azamgarh	
	Mirzapur	15 0	15 0	17 0	20 0	21 0	25 0	10 0	10 0	10 0	16 0	16 0	18 0	27 0	26 0	26 0	24 0	24 0	24 0	...	...	...	...	...	...	...	...	...	...	...	...	Mirzapur	
	Benares	No return received			...		...	...		...	...		...	...		...	...		...	...		...	24 7½	25 12	29 10	130 0	130 0	154 8	10 15½	11 0	9 1	10 5	9 10½	8 6	Benares	
	Gházipur	18 0	18 0	19 5	26 6½	27 11	37 8	10 15½	10 15½	10 15	15 7	16 1½	19 5	25 12	25 12	30 10	23 3	21 14	30 4	...	...	...	100 0	100 0	125 0	11 4	11 4	9 6	11 4	11 4	...	Gházipur	
	Balia	16 8	16 4	19 6	25 0	27 8	38 12	10 0	10 0	10 0	15 0	15 0	21 4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	No return received			Balia	
	Pilibhít	No return received			...		...	...		...	...		...	...		...	...		...	...		...	...		...			...			...			Pilibhít	
Oudh.	Lucknow	17 12	17 13	18 4	25 2½	25 3	26 12	6 0	6 0	6 0	16 5½	15 8	18 0	24 8	24 8	26 8	24 0	24 0	24 0	21 11	21 9	19 8	110 0	110 0	130 0	10 8	10 8	9 0	10 0	10 0	8 8	Lucknow	Oudh.
	Unáo	18 0	18 0	18 0	25 0	27 0	24 0	11 0	11 0	10 0	15 0	15 0	16 0	23 0	36 0	32 0	25 0	24 0	22 0	24 0	23 0	17 8	160 0	160 0	160 0	...	...	...	11 8	11 8	9 0	Unáo	
	Bára Banki	18 0	18 0	19 0	25 0	24 0	28 0	11 0	11 0	9 0	18 0	16 0	19 0	35 0	36 0	35 0	20 0	20 0	20 0	22 0	22 8	25 0	180 0	180 0	140 0	12 0	12 0	11 0	10 0	10 0	9 0	Bára Banki	
	Sitapur	19 8	19 9½	21 10	25 4	26 9½	29 12	8 0	8 0	8 0	21 0	18 12	19 6	...	...	20 5	20 0	20 0	20 0	21 6	24 0	24 0	160 0	160 0	160 0	11 8	11 8	...	10 8	10 8	9 8	Sitapur	
	Hardui	17 1	17 1	20 5	23 7	24 6	33 12	5 10	5 10	5 10	10 0	11 0	13 2	...	...	...	20 0	20 0	20 0	19 4	18 12	23 7	200 0	200 0	240 0	9 6	9 6	8 7	7 8	7 8	8 8	Hardui	
	Kheri	19 0	19 0	22 8	25 0	25 0	34 0	8 0	8 0	9 0	18 0	20 0	18 0	44 0	...	45 0	...	...	...	18 0	18 0	23 0	160 0	160 0	200 0	11 0	11 0	11 0	11 0	11 0	8 9	Kheri	
	Fyzabad	17 2	16 14	18 0	26 12	27 4	38 0	11 0	11 0	10 8	19 6	18 12	15 0	35 0	40 0	35 0	...	...	...	22 4	23 4	24 0	140 0	140 0	120 0	11 0	11 0	8 12	10 0	10 0	8 9	Fyzabad	
	Bharaich	17 0	16 0	19 0	29 0	30 0	38 0	12 0	9 0	9 0	18 0	17 0	16 0	52 0	36 0	50 0	13 0	13 0	16 0	23 8	24 0	24 0	160 0	160 0	160 0	...	...	...	10 0	10 0	8 4	Bharaich	
	Gonda	19 12	20 4	23 4	28 0	28 0	41 0	16 4	16 4	16 4	19 4	18 12	20 8	44 0	40 0	63 0	24 0	24 0	31 0	25 8	26 12	27 8	240 0	240 0	200 0	11 8	11 4	...	11 4	11 0	9 0	Gonda	
	Rai Bareli	18 12	19 0	18 12	27 8	26 0	21 8	...	...	...	17 4	16 8	19 0	24 0	25 0	...	28 8	20 0	35 0	20 0	19 12	18 0	160 0	160 0	160 0	...	...	...	9 0	9 0	8 0	Rai Bareli	
	Sultánpur	20 0	20 0	21 0	31 0	31 0	31 8	11 0	11 0	11 0	20 0	20 0	22 0	...	...	...	23 8	20 0	31 4	25 0	26 8	23 0	160 0	160 0	160 0	11 8	11 8	9 12	11 4	11 4	9 4	Sultánpur	
	Partábgarh	18 11	19 4	19 4	28 1	28 12	29 8	17 4	18 4	18 0	18 10	19 12	20 4	...	...	...	20 0	20 0	17 0	19 15	21 4	19 3	220 0	200 0	220 0	11 0	11 0	9 12	10 4	10 4	8 12	Partábgarh	
																		28 0	...															
Punjab.	Delhi	20 0	19 0	18 0	26 0	24 0	27 0	...	...	...	13 0	13 0	13 0	28 0	27 0	26 0	23 0	21 0	31 0	23 8	22 12	21 12	85 0	80 0	80 0	12 8	12 8	...	11 8	11 8	11 8	Delhi	Punjab.
	Gurgáon	20 0	19 12	20 8	28 0	27 2	29 0	...	...	...	13 0	13 0	13 0	28 0	25 12	23 8	27 0	25 12	23 8	25 0	24 4	23 0	120 0	110 0	140 0	12 0	12 0	...	12 0	12 0	10 0	Gurgáon	
	Karnál (*a*)	20 0	20 8	20 0	31 0	31 0	35 0	...	...	...	13 0	13 0	13 0	35 0	30 0	30 0	20 0	18 0	25 0	26 8	26 0	26 8	160 0	160 0	160 0	12 0	11 8	...	11 8	12 0	10 0	Karnál (*a*)	
	Hissar	17 8	17 0	20 0	33 0	32 0	27 0	...	...	...	10 0	10 0	10 0	34 0	32 0	33 0	28 0	27 0	28 0	30 0	29 0	31 0	80 0	80 0	80 0	12 0	11 0	...	11 8	10 0	10 0	Hissar	
	Rohtak	18 0	17 8	21 8	25 0	24 0	24 0	...	...	...	9 0	9 0	9 0	26 0	24 0	28 0	24 0	23 0	26 0	25 0	23 8	26 0	100 0	100 0	100 0	11 4	11 5	...	11 3	10 12	10 8	Rohtak	
	Sirsa (*b*)	23 0	22 8	20 0	43 0	38 0	32 0	...	...	...	12 0	12 0	12 0	44 0	38 0	30 0	35 0	32 0	30 0	38 8	37 0	34 0	120 0	120 0	120 0	11 8	11 0	...	11 0	10 8	10 0	Sirsa (*b*)	
	Umballa (*a*)	24 0	24 8	21 4	33 0	32 0	34 0	...	...	...	13 0	12 0	13 0	36 0	32 0	25 0	26 0	26 0	22 0	30 0	29 0	27 0	140 0	140 0	160 0	13 11	13 13	...	13 8	13 12	11 8	Umballa (*a*)	
	Ludhiána	23 0	25 0	21 8	37 0	37 0	34 0	...	...	...	12 8	12 0	13 0	40 0	40 0	32 0	25 0	23 8	15 0	31 0	32 12	27 0	100 0	100 0	100 0	14 10	14 10	...	14 8	14 8	11 8	Ludhiána	
	Simla	...	17 0	16 0	...	25 0	...	...	...	...	...	12 0	...	...	...	...	...	...	...	20 0	22 8	18 8	80 0	80 0	80 0	10 12	10 0	...	10 1	9 6	8 8	Simla	
	Jullundur	No return received			...		...	...		...	...		...	...		...	...		...	...		...	...		...	...		...	...		...	...		Jullundur	
	Hoshiárpur (*c*)	27 8	26 8	22 0	40 0	36 0	30 0	...	...	...	11 0	11 0	10 0	35 0	34 0	28 0	16 0	16 0	20 0	30 0	28 0	24 0	100 0	100 0	100 0	14 0	14 0	...	13 8	13 8	11 8	Hoshiárpur (*c*)	
	Kangra	24 0	24 0	22 0	40 0	40 0	34 0	...	...	...	15 0	15 0	14 0	...	...	...	...	...	...	24 0	24 0	19 8	140 0	140 0	140 0	10 8	10 8	...	10 0	10 0	9 0	Kangra	

a Jowar falling. b Barley, jowar falling. c Barley falling.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT INDIA FOR THE 1st HALF OF OCTOBER 1882 —*continued.*

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

Provinces.	Districts.	Wheat.			Barley.			Rice (best sort).			Rice (common).			Great Millet (Cholum, Jowari), *Holcus Sorghum.*			Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.*			Lesser Millets, Ragi, &c. (Kuvaru, Varagu, Sawee, Cheena, Cornioo, Murwa, Nagnee), *Panicum Miliaceum, &c.*			Gram.			Firewood.			Salt. Wholesale.			Salt. Retail.			Districts.	Provinces.
		Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.		
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.		
Punjab—*continued.*	Amritsar	25 8	25 8	23 0	43 8	43 8	33 0	...	...	...	14 8	12 8	11 4	31 4	29 4	28 0	23 8	23 8	19 0	...	...	...	35 4	33 4	25 0	80 0	80 0	80 0	14 12	14 12	...	14 6	14 6	12 12	Amritsar	Punjab—*continued.*
	Siálkot (*a*)	29 0	27 0	20 0	50 0	44 0	33 0	...	...	...	14 0	14 0	14 0	34 0	28 0	24 0	25 0	21 0	17 0	...	...	...	27 0	26 0	20 0	130 0	130 0	120 0	15 0	14 12	...	14 8	14 0	12 0	Siálkot (*a*)	
	Gurdáspur	30 0	30 0	24 0	45 0	42 0	28 0	...	...	...	16 0	16 0	12 0	28 0	28 0	20 0	14 0	14 0	13 0	...	...	...	31 0	31 0	23 0	120 0	120 0	120 0	13 8	13 8	...	13 0	13 0	10 8	Gurdáspur	
	Lahore	26 0	25 0	21 0	48 0	48 0	29 0	...	...	...	13 0	11 0	10 0	30 0	30 0	23 0	27 0	24 0	16 0	...	...	...	32 0	32 0	23 0	80 0	80 0	70 0	15 0	15 0	...	14 0	12 0	10 0	Lahore	
	Ferozepore	25 0	25 0	19 0	42 0	42 0	30 0	...	...	...	11 0	11 0	11 0	...	...	...	...	...	...	...	...	...	37 8	36 0	28 0	90 0	80 0	80 0	12 4	12 0	...	15 0	15 0	12 0	Ferozepore	
	Gujránwála (*b*)	26 12	27 0	20 0	50 0	45 0	32 8	...	...	...	14 0	14 0	13 0	35 0	35 0	20 0	25 0	25 0	14 0	...	...	...	28 4	27 0	20 4	95 0	95 0	95 0	15 4	15 4	...	15 0	15 0	12 0	Gujránwála (*b*)	
	Ráwalpindi (*c*)	23 12	22 0	14 4	37 0	35 8	24 4	...	...	...	14 0	11 12	7 8	40 0	32 0	21 0	33 0	25 0	18 0	...	...	...	24 4	25 0	18 0	85 0	90 0	40 0	14 8	14 6	...	14 4	14 4	12 0	Ráwalpindi (*c*)	
	Jhelum (*b*)	25 0	24 0	17 12	39 8	35 0	24 8	...	...	...	10 0	10 0	8 0	27 0	26 0	21 0	26 0	25 0	...	...	...	...	25 8	24 0	19 0	160 0	160 0	90 0	16 0	16 8	...	15 8	16 0	13 0	Jhelum (*b*)	
	Gujrát (*c*)	28 8	27 0	20 12	46 0	45 8	32 8	...	...	...	12 0	12 0	8 0	36 0	32 0	21 0	33 0	25 0	18 0	...	...	...	25 12	25 8	20 12	100 0	100 0	82 0	...*	...*	...	15 0	15 0	12 8	Gujrát (*c*)	
	Shahpúr (*c*)	22 12	21 0	16 0	32 0	32 0	26 0	...	...	...	12 0	12 0	11 0	28 0	22 0	18 0	28 0	21 0	18 0	...	...	...	23 0	23 8	19 8	320 0	320 0	320 0	17 0	17 0	...	...	16 0	14 0	Shahpúr (*c*)	
	Mooltan	17 4	17 0	14 4	30 0	29 0	20 8	...	...	...	10 0	10 0	8 0	30 0	30 0	21 0	24 0	24 0	17 0	...	...	...	24 0	23 8	19 0	90 0	90 0	80 0	14 8	15 0	...	14 4	14 8	12 4	Mooltan	
	Jhang (*d*)	19 12	19 4	15 12	36 0	33 0	27 0	...	...	...	10 0	10 0	8 12	22 0	25 0	14 0	20 0	18 0	...	...	...	...	23 12	22 8	17 0	200 0	200 0	200 0	15 0	15 2	...	14 12	15 0	12 0	Jhang (*d*)	
	Montgomery (*b*)	21 0	20 0	15 8	30 0	24 0	20 0	...	...	...	5 8	5 8	5 8	... 20	0 ...	... 16	0 ...	...		...	...	...	31 0	28 0	18 0	200 0	200 0	200 0	13 0	12 0	...	12 0	11 0	10 8	Montgomery (*b*)	
	Muzaffargarh (*e*)	18 8	18 8	16 0	26 0	26 0	22 0	...	...	...	7 0	7 0	5 0	18 0	18 0	14 0	22 0	18 0	16 0	...	...	...	20 0	19 0	16 0	120 0	120 0	100 0	...*	...*	...	12 8	12 0	11 0	Muzaffargarh (*e*)	
	Dera Ismail Khán (*e*)	20 8	20 10	16 14	27 10	28 0	25 8	...	...	...	9 3	9 1	7 8	37 1	32 4	34 5	27 15	27 4	25 0	...	...	...	22 15	24 13	23 12	100 0	100 0	100 0	58 0	55 0	...	55 0	53 0	50 0	Dera Ismail Khan (*e*)	
	Dera Gházi Khán	18 12	18 12	15 5	23 12	22 8	20 0	...	...	...	7 8	7 8	7 8	26 4	23 12	25 0	23 12	22 8	17 0	...	...	...	18 2	17 8	16 13	100 0	100 0	125 0	31 14	30 10	...	28 2	27 8	25 0	Dera Ghazi Khan	
	Bannu (*e*)	30 10	30 0	19 6	45 0	42 2	30 10	...	...	...	10 0	10 0	6 14	45 0	35 0	25 0	34 6	33 12	25 0	...	...	...	30 0	30 0	31 14	80 0	80 0	80 0	120 0	120 0	...	100 0	100 0	80 0	Bannu (*e*)	
	Peshawar	19 0	18 12	10 15	36 10	35 6	26 8	...	...	...	9 8	9 8	7 9	28 4	26 6	19 0	15 12	14 0	20 12	...	...	...	17 10	16 13	13 6	96 0	96 0	70 0	58 8	55 4	...	56 0	53 0	51 0	Peshawar	
	Kohát (*f*)	18 8	17 3	13 12	29 5	30 4	25 8	...	...	...	13 0	12 2	10 3	28 0	22 4	16 5	29 5	21 10	...	...	...	...	20 6	16 14	19 2	102 0	102 0	63 12	96 15	91 8	...	81 0	75 0	51 0	Kohát (*f*)	
	Házára (*b*)	25 8	23 12	...	41 0	32 0	28 8	...	...	...	12 0	11 8	...	...	...	...	...	...	...	...	...	...	...	...	14 0	70 0	70 0	100 0	...	...	...	11 0	11 0	10 4	Házára (*b*)	
	Nágpur	17 12	17 0	15 0	...	...	...	9 12	9 8	9 4	17 4	16 0	15 0	25 12	26 12	28 8	...	...	...	...	...	...	18 4	19 4	22 0	150 0	150 0	100 0	10 12	10 12	10 0	10 8	10 8	9 12	Nágpur	
	Bhandára	19 0	18 12	20 0	...	...	...	10 0	10 0	10 0	22 8	21 4	16 4	22 0	23 0	24 12	...	...	...	...	...	...	21 0	21 0	25 0	...	...	...	11 0	11 0	9 4	10 12	10 12	9 0	Bhandára	
	Chánda	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	No return received			Chánda	
	Wardha	18 12	18 8	20 8	...	...	...	8 12	8 12	8 12	14 12	14 12	11 12	23 0	23 0	30 0	...	...	...	...	...	...	24 0	24 0	20 8	125 0	125 0	130 0	12 4	12 4	10 12	12 0	12 0	10 8	Wardha	
	Bálaghát	18 0	17 0	25 0	...	...	...	15 0	15 0	15 0	28 0	28 0	27 0	...	...	...	...	...	...	...	...	...	30 0	30 0	35 0	275 0	275 0	275 0	10 0	10 0	...	10 0	10 0	9 0	Bálaghát	
	Jubbulpore	17 8	17 0	19 0	27 0	20 0	19 0	11 0	10 0	9 0	15 0	14 0	14 0	25 0	17 0	26 0	16 0	15 8	17 4	...	...	...	26 0	25 0	31 0	120 0	120 0	110 0	11 10	11 0	...	11 4	11 0	9 4	Jubbulpore	
	Saugor	20 0	18 8	34 0	...	...	...	9 0	8 0	8 0	10 0	9 0	9 0	...	...	...	...	...	...	...	...	...	25 0	24 8	39 0	160 0	160 0	120 0	8 12	8 12	...	8 8	8 8	7 4	Saugor	
	Damoh	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	No return received			Damoh	
	Seoni	17 8	18 0	23 0	...	...	...	12 8	13 8	14 0	19 0	19 0	19 0	...	...	...	...	...	...	...	...	...	16 0	16 0	35 0	220 0	210 0	230 0	11 8	11 0	7 0	11 0	10 12	6 12	Seoni	
	Mandla	20 0	19 0	30 0	...	...	...	15 8	15 0	15 8	20 0	18 8	21 8	...	...	...	...	...	...	...	...	...	35 0	35 0	70 0	256 0	256 0	256 0	...	...	...	9 8	9 8	6 8	Mandla	
	Betúl	15 0	16 0	28 0	...	...	...	9 0	9 0	13 0	10 0	10 0	14 0	20 0	20 0	40 0	...	...	...	25 0	25 0	35 0	15 0	15 0	40 0	240 0	240 0	240 0	9 0	9 0	9 8	8 8	8 8	8 0	Betúl	
	Chhindwára	17 0	17 0	26 0	...	...	...	9 0	9 0	10 0	13 0	13 0	15 0	23 0	23 0	38 0	...	...	...	15 0	15 0	27 0	20 0	20 0	36 0	200 0	200 0	200 0	10 0	10 0	9 0	9 0	9 0	8 0	Chhindwára	
	Hoshangabad	15 7	15 7	17 12	...	...	...	4 8	4 8	4 0	11 4	11 4	9 8	23 10	27 4	...	23 10	27 4	17 8	18 0	18 0	28 0	23 10	27 0	30 0	160 0	160 0	120 0	9 8	9 8	...	9 0	9 0	6 0	Hoshangabad	
	Narsinghpur	16 0	16 0	19 8	...	...	...	10 0	10 0	9 8	13 0	11 8	...	...	...	...	26 0	26 0	37 8	...	...	...	26 0	25 0	31 0	160 0	160 0	160 0	10 8	10 8	7 8	10 0	10 0	7 4	Narsinghpur	
	Nimár	16 0	16 0	16 0	...	...	...	...	...	...	12 8	12 0	11 8	30 0	30 0	45 0	24 15	25 0	34 0	...	...	...	19 0	18 0	27 0	120 0	120 0	160 0	13 0	13 0	9 8	12 12	12 12	9 0	Nimár	
	Raipur	28 8	28 0	32 0	...	...	...	21 0	20 0	21 0	41 0	40 0	42 0	...	...	...	...	...	...	...	...	...	31 0	32 0	28 0	64 0	64 0	60 0	9 0	9 0	7 4	8 8	8 13	7 0	Raipur	
	Sambalpur	21 0	22 12	27 0	...	...	...	35 0	35 0	34 0	44 0	44 0	47 0	...	...	...	...	...	...	...	...	...	24 0	28 8	26 0	110 0	110 0	250 0	11 0	11 0	9 0	10 0	10 0	8 8	Sambalpur	
	Biláspur	45 0	49 0	81 0	...	...	...	48 0	54 0	68 0	68 0	84 0	81 0	...	...	...	...	...	...	...	...	...	...	...	...	220 0	220 0	220 0	...	...	...	8 0	7 0	6 0	Biláspur	
	Arakan Division.																																			*Arakan Division.*	
	Akyab	6 6	6 10	6 6	...	...	...	14 0	14 0	15 0	17 0	17 0	17 0	...	...	...	...	...	...	...	...	...	10 0	10 0	11 0	180 0	160 0	210 0	40 0	40 0	...	32 0	32 0	40 0	Akyab	
	Northern Arakan	...	...	...	...	...	...	9 0	9 0	9 0	10 0	10 0	10 0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8 0	8 0	...	Northern Arakan	
	Kyoukpyoo	...	...	...	...	...	...	18 0	18 0	17 8	19 8	19 8	19 0	...	...	...	...	...	...	...	...	...	4 0	4 0	4 0	160 0	160 0	160 0	g	g	g	36 0	36 0	48 0	Kyoukpyoo	
	Sandoway	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	No return received			Sandoway	
	Pegu Division.																																			*Pegu Division.*	
	Rangoon town and Hanthawaddy	15 5	15 5	16 4	...	...	...	12 9	12 9	13 2	13 2	13 2	16 4	...	...	...	...	...	...	...	...	...	21 1	21 1	12 4	320 0	320 0	324 0	50 11	50 11	50 11	22 10	22 10	22 10	Rangoon town and Hanthawaddy	
	Tharrawaddy	...	...	...	...	...	...	10 13¾	10 13¾	13 4	14 4¼	14 4¼	15 14	...	...	...	...	...	...	...	...	...	17 2¾	17 2¾	8 8	535 11¼	535 11¼	535 11	...	...	...	22 5¼	27 7½	29 14	Tharrawaddy	
	Prome	10 6	13 13	12 2	...	...	...	13 7	12 12	13 7	17 2	17 2	17 2	...	...	...	...	...	...	...	...	...	12 7	15 9	15 9	139 11	139 11	139 11	29 9	29 9	29 9	18 10	18 10	18 10	Prome	
	Irrawaddy Division.																																			*Irrawaddy Division.*	
	Henzada	...	...	...	...	...	...	14 5	14 5	14 5	19 8	19 8	19 9	...	...	...	...	...	...	...	...	...	...	...	...	183 8	183 8	183 8	29 9	29 9	32 4	29 9	29 9	29 10	Henzada	
	Bassein	...	...	...	...	...	...	15 15	17 3	...	18 1	18 14	...	...	...	...	...	...	...	...	...	...	13 8	15 0	...	241 3	211 8	...	31 15	35 7	...	29 7	29 7	...	Bassein	
	Thonegwa	...	...	...	...	...	...	11 9	10 12	12 9	17 7	14 11	21 0	...	...	...	...	...	...	...	...	...	14 15	13 17	11 13	184 8	246 0	246 0	37 5	39 6	44 5	35 7	35 7	39 6	Thonegwa	
	Thayetmyo	10 15	10 1	12 8	...	...	...	10 3	10 3	10 3	13 13	13 13	13 13	...	...	...	...	...	...	...	...	...	17 1	17 1	15 13	245 0	245 0	245 0	26 4	26 4	25 6	18 15	18 15	18 15	Thayetmyo	
	Tenasserim Division.																																			*Tenasserim Division.*	
	Moulmein town and Amherst	12 2	10 0	10 0	...	...	...	12 2	12 10	11 8	15 5	20 4	14 15	...	...	...	...	...	...	...	...	...	12 2	11 1	11 1	220 0	220 0	220 0	32 5	47 7	32 0	22 12	35 8	28 6	Moulmein town and Amherst	
	Tavoy	...	...	...	...	...	...	13 12	13 12	12 6	22 14	22 14	17 5	...	...	...	...	...	...	...	...	...	...	...	...	399 3	399 3	399 3	24 2	24 2	24 2	16 1	16 1	16 1	Tavoy	
	Mergui	...	...	...	...	...	...	17 5	17 5	16 4	21 12	21 12	21 12	...	...	...	...	...	...	...	...	...	...	...	...	428 0	428 0	428 0	26 1	26 1	30 6	14 36	14 36	22 13	Mergui	
	Toungoo	...	...	...	...	...	...	16 0	18 5	21 2	18 5	21 5	21 5	...	...	...	...	...	...	...	...	...	12 9	12 9	11 5	24 0	24 0	24 0	30 12	30 12	26 7	18 12	18 12	18 12	Toungoo	
	Shwaygyin	...	...	...	...	...	...	12 7	12 7	14 3	13 13	13 13	19 3	...	...	...	...	...	...	...	...	...	...	...	...	250 0	...	250 0	32 3	32 3	37 4	18 4	18 14	22 10	Shwaygyin	
	Salween	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	No return received			Salween	
	Secunderabad	17 12	17 12	15 15	...	...	...	7 14	7 14	7 2	9 13	9 13	9 13	25 14	25 14	25 14	...	...	31 6	...	...	29 9	18 0	18 4	20 11	125 0	125 0	135 0	10 14	10 14	9 9	10 6	10 6	9 2	Secunderabad	
	Bolarum	19 7	19 7	11 8	...	...	...	7 6	7 6	8 11	9 6	9 8	9 13	29 9	29 9	30 4	...	...	...	...	...	...	19 7	20 9	18 3	116 14	116 14	116 14	...	...	...	10 12	10 12	9 0	Bolarum	
	Chudderghat	13 8	13 8	11 8	...	...	...	7 0	7 0	7 0	9 0	9 8	9 12	26 0	27 0	27 0	33 0	33 0	34 0	...	...	...	18 0	19 0	21 0	80 0	80 0	80 0	...	...	...	9 8	9 8	9 0	Chudderghat	
	Amraóti	16 0	17 0	18 0	11 0	11 0	9 8	8 0	8 0	7 0	10 0	10 0	8 0	26 0	29 0	42 0	18 0	18 0	19 0	...	...	...	21 0	19 0	22 0	70 0	64 0	64 0	12 0	12 0	10 8	11 8	11 8	10 0	Amraoti	
	Akola	16 0	16 0	16 0	...	...	...	8 0	8 0	8 0	12 0	10 0	10 0	26 0	26 0	46 0	19 0	19 0	19 0	7 8	7 8	7 8	20 0	20 0	24 0	64 0	64 0	64 0	11 0	11 0	9 0	10 0	10 0	9 0	Akola	
	Ellichpur	16 0	16 0	17 0	14 0	12 0	12 0	10 0	10 0	6 0	12 0	12 0	8 0	28 0	30 0	31 0	25 0	25 0	26 0	...	...	...	17 0	17 0	21 0	64 0	64 0	64 0	...	...	...	11 0	11 0	9 0	Ellichpur	
	Buldána	18 0	17 0	21 0	...	...	...	...	...	...	11 0	11 0	11 0	32 0	32 0	54 0	28 0	28 0	40 0	...	...	...	22 0	22 0	40 0	...	...	...	...	...	...	10 0	10 0	9 0	Buldána	
	Wún	18 0	13 8	17 0	...	...	...	9 0	7 0	7 0	12 8	10 8	10 0	31 8	28 0	36 0	...	...	...	...	...	...	27 0	20 0	22 0	100 0	100 0	100 0	...	...	...	11 8	8 0	8 0	Wún	
	Basim	21 0	21 0	20 0	...	...	...	5 4	5 4	5 0	13 0	13 0	13 0	36 0	32 0	48 0	...	...	...	...	...	...	26 0	26 0	26 0	64 0	64 0	64 0	9 8	10 0	8 8	9 0	9 0	8 0	Basim	

(*a*) Barley, bajra, and jowa falling.

(*b*) Barley falling.

(*c*) Bajra and jowar falling.

* No wholesale salt sold.

(*d*) Bajra rising.

(*e*) Jowar falling.

(*f*) Jowar and firewood falling.

(*g*) Rs. 40 per 100 maunds.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT INDIA FOR THE 1st HALF OF OCTOBER 1882 —*concluded.*

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

Provinces.	Districts.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholum, Jowar), *Holcus Sorghum.* Present fortnight.	Great Millet (Cholum, Jowar), *Holcus Sorghum.* Past fortnight.	Great Millet (Cholum, Jowar), *Holcus Sorghum.* Corresponding fortnight of 1881.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.* Present fortnight.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.* Past fortnight.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.* Corresponding fortnight of 1881.	Lesser Millets, Ragi, &c., (Kavaru, Veragu, Sawee, Cheena, Coraloo, Murhwa, Nuglee), *Panicum Miliaceum, &c.* Present fortnight.	Lesser Millets, Ragi, &c., (Kavaru, Veragu, Sawee, Cheena, Coraloo, Murhwa, Nuglee), *Panicum Miliaceum, &c.* Past fortnight.	Lesser Millets, Ragi, &c., (Kavaru, Veragu, Sawee, Cheena, Coraloo, Murhwa, Nuglee), *Panicum Miliaceum, &c.* Corresponding fortnight of 1881.	Gram. Present fortnight.	Gram. Past fortnight.	Gram. Corresponding fortnight of 1881.	Firewood. Present fortnight.	Firewood. Past fortnight.	Firewood. Corresponding fortnight of 1881.	Salt. Wholesale. Present fortnight.	Salt. Wholesale. Past fortnight.	Salt. Wholesale. Corresponding fortnight of 1881.	Salt. Retail. Present fortnight.	Salt. Retail. Past fortnight.	Salt. Retail. Corresponding fortnight of 1881.	Districts.	Provinces.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.		
Mysore	Bangalore	11 7	11 2	12 2	12 11	12 0	13 3	10 1	9 11	11 0	11 3	11 2	11 15	32 1	30 15	32 6	...	...	...	96 0	96 0	84 0	13 4	13 4	10 8	13 0	13 0	10 0†	Bangalore	Mysore.
	Kolar	...	...	...	11 2	10 3	12 0	13 10	13 15	1 13	14 14	14 14	14 1	...	...	...	...	...	...	172 6	172 6	172 6	13 8	13 8	11 1	13 3	13 3	11 1†	Kolar	
	Túmkúr	14 0	14 0	14 0	13 0	13 0	14 0	12 8	12 0	12 0	13 8	13 0	13 8	...	...	...	...	...	...	340 0	340 0	340 0	12 8	12 0	9 8	12 0	11 8	9 0†	Túmkúr	
	Mysore	11 4	11 4	10 8	...	...	11 0	11 0	11 0	10 0	12 0	12 0	10 8	25 0	25 0	25 0	...	...	...	78 0	78 0	84 0	8 4	8 4	7 4	8 0	8 0	7 2†	Mysore	
	Hassan	12 0	■ 0	11 0	12 0	12 8	11 8	12 0	12 0	11 0	13 0	12 8	12 0	...	...	...	...	...	...	500 0	500 0	600 0	...	...	...	9 0	9 0	■ 8†	Hassan	
	Shimoga	13 10	13 10	12 11	16 13	14 11	13 11	11 9	11 9	10 8	13 10	13 10	13 10	33 10	31 8	31 0	...	...	...	480 0	480 0	480 0	11 0	11 0	...	10 8	10 8	8 15†	Shimoga	
	Kadur	15 0	15 0	9 0	14 0	14 0	12 0	11 0	11 0	12 0	14 0	14 0	15 0	...	...	...	...	...	...	64 0	64 0	64 0	...	...	...	11 0	11 0	9 0†	Kadur	
	Chitaldroog	16 0	14 0	14 0	18 0	16 0	16 0	12 0	11 0	11 0	13 0	13 0	12 0	48 0	40 0	40 0	28 0	28 0	28 0	42 10	40 10	45 5	8 0	10 0	16 0	8 0	10 0	16 0‡	Chitaldroog	
Coorg	Coorg	9 3	9 0	7 10	8 2	8 9	8 13	10 2	10 0	10 14	14 0	13 8	15 4	...	...	...	...	...	...	20 4	20 4	22 14	22 12	22 7	24 13	110 0	110 0	110 0	8 7	8 9	...	8 7	8 0	8 3	Coorg	Coorg.
Rajpootana.	Jeypore	17 0	17 0	16 0	24 0	24 0	23 0	6 0	6 0	6 0	9 0	9 0	9 8	20 0	20 0	24 0	21 0	21 0	21 0	...	...	...	21 8	21 0	19 0	...	...	...	14 4	14 4	...	14 0	14 0	12 0	Jeypore	Rajpootana.
	Kishengurh	17 8	17 8	17 8	26 0	26 0	27 0	9 0	9 0	8 8	10 0	11 0	9 0	26 0	22 8	26 8	21 4	20 0	21 0	...	...	...	21 8	21 0	26 8	...	...	...	...	...	...	16 0	16 0	12 8	Kishengurh	
	Kerrowlee	18 8	18 0	16 0	27 10	25 0	20 8	13 0	13 0	12 8	14 4	14 0	13 8	26 12	25 0	19 0	26 4	25 0	17 8	...	...	...	27 8	25 0	17 8	...	...	...	14 1	14 1	...	14 0	14 0	10 0	Kerrowlee	
	Ulwur	20 11	19 12	18 2	31 7	28 12	24 0	9 0	9 0	8 0	12 8	12 8	12 4	27 0	25 9	22 12	27 10	24 14	20 2	...	...	...	27 6	25 10	18 12	...	...	...	15 13	15 13	...	15 6	15 6	12 8	Ulwur	
	Bhurtpore (City)	19 0	19 0	17 8	28 0	28 0	21 8	6 8	6 8	6 8	11 0	11 0	7 0	22 8	22 8	21 0	17 8	17 8	17 8	...	...	...	24 8	24 8	19 0	...	...	...	12 5	12 5	...	11 13	11 13	11 8	Bhurtpore (City)	
	Ajmere	16 8	16 8	17 0	24 0	24 0	26 0	5 0	5 0	5 0	8 0	8 0	8 0	22 0	20 0	24 0	19 0	18 0	22 0	70 0	70 0	60 0	...	...	...	15 0	15 0	11 0	Ajmere	
	Deoli Cantonment	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	23 0	22 8	23 0	...	...	...	13 8	...	...	13 4	...	...	Deoli Cantonment	
																							21 11	21 10	23 10				Rs. A. P.	Rs. A. P. per md.	Rs. A. P.					
	Erinpura	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	No return received				Erinpura	
	Sirohee																																		Sirohee	
	Abu																																		Abu	
	Anadra																																		Anadra	
	Hilly Tracts of Meywar	22 0	22 0	24 0	30 0	28 0	35 0	...	...	...	18 0	16 0	17 0	...	...	...	...	...	...	...	...	...	24 0	24 0	32 0	*	*	*	...	...	...	9 0	10 0	8 8	Hilly Tracts of Meywar	
	Meywar (Oodeypore)	14 7½	14 7½	16 6½	20 5	19 8½	21 14	10 2½	10 2½	7 13	...	...	...	...	...	...	...	...	...	...	...	...	16 0½	16 0½	16 4½	200 0	200 0	200 0	S. Ch. 9 15½	S. Ch. 9 15½	S. Ch. ...	S. Ch. 9 12¼	S. Ch. 9 12½	S. Ch. 9 6	Meywar (Oodeypore)	
	Bánswára (Meywar Agency)	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	No return received				Bánswára (Meywar Agency)	
	Partabgarh („)																																		Partabgarh („)	
																													Rs. A. P.	Rs. A. P. per md.	Rs. A. P.					
	Marwar (Jodhpore)	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	No return received				Marwar (Jodhpore)	
	Bikaneer																												S. Ch.	S. Ch.	S. Ch.				Bikaneer	
	Boondee	17 0	17 0	21 0	27 0	27 0	30 0	10 0	10 0	8 0	10 10	10 8	9 0	28 0	30 0	30 0	...	...	...	...	...	...	28 0	27 0	23 8	160 0	160 0	160 0	12 8	12 8	9 8	12 4	12 0	...	Boondee	
	Kotah	18 4	18 0	23 8	14 0	16 0	31 8	10 0	0 0	8 0	13 4	13 0	10 8	25 0	23 8	37 0	15 0	15 0	17 8	...	...	...	27 8	26 8	26 8	240 0	240 0	240 0	12 12	12 8	...	12 4	11 12	9 4	Kotah	
	Tonk	14 9	14 4	18 4	22 6	22 4	21 7	7 0	7 0	7 8	10 0	9 0	9 6	24 7	24 4	23 6	21 4	21 4	21 15	...	...	...	22 2	21 12	19 5	160 0	160 0	100 0	12 6	12 4	10 8	11 12	11 8	...	Tonk	
	Jhallawar	14 2¼	14 2¼	21 4	15 15	15 15	27 14	...	...	...	10 2	10 2	8 13½	19 8	18 12	28 4	17 15	15 18	18 3½	...	...	...	20 8	17 15	22 14	...	...	...	10 14	10 14	...	10 10	10 10	7 11	Jhallawar	
	Shahpoora	16 14	16 1	20 8	21 12	20 3	28 12	11 12	10 5	10 0	14 8	14 2	15 0	18 6	17 9	27 0	18 4	16 12	20 0	...	...	...	21 0	19 14	21 0	120 0	160 0	160 0	13 14	13 4	11 4	13 10	13 0	...	Shahpoora	
	Dholpur	18 11	18 11	16 13	28 11	28 1	20 4	10 2	10 2	8 1	12 6	12 6	11 14	24 6	25 8	19 11	28 2	27 9	19 11	...	...	...	27 9	27 3	18 14	...	...	...	13 3	13 3	10 11	12 6	12 6	10 1	Dholpur	
	Indore	16 13	16 0	19 10	...	...	...	10 0	8 9	8 0	12 0	10 0	8 10	28 3	24 0	40 0	33 14	24 0	40 0	...	...	...	17 12	18 13	24 0	100 0	100 0	100 0	12 0	12 5	...	...	...	5 6	Indore	
	Gwalior	17 7	17 2	15 14	20 9	20 9	18 4	7 13	7 13	6 14	10 1	10 1	10 5	23 5	22 7	18 12	22 7	21 11	17 0	...	...	...	24 10	24 3	15 10	109 8	109 8	100 6	...	...	...	11 14	11 14	10 1	Gwalior	
	Goona	21 0	20 12	27 0	20 0	19 0	21 0	9 0	9 0	9 8	9 8	10 0	10 0	26 0	25 0	38 0	16 8	16 0	21 9	...	...	...	25 0	25 4	34 0	200 0	200 0	200 0	12 10	11 8	...	12 0	11 0	9 8	Goona	
	Baghelkhand (Sutna)	20 5	20 15	20 0	35 0	35 0	30 0	8 0	8 7	7 0	21 0	18 15	21 0	32 8	35 12	28 0	29 14	27 12	18 0	...	...	...	30 14	30 0	26 0	160 0	160 0	160 0	12 8	12 2	...	11 12	11 10	10 8	Baghelkhand (Sutna)	

* Eight pies per bundle. † Sea Salt. ‡ Earth Salt.

DEPARTMENT OF FINANCE AND COMMERCE,
(*Statistical Branch.*)

D. M. BARBOUR,
Secretary to the Government of India.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

RAILWAY TRAFFIC.

No. XXXIX OF 1882.

APPROXIMATE STATEMENT OF GROSS RECEIPTS AND EXPENSES OF INDIAN RAILWAYS.

Latest return received.	Railways.	Total mean length open.	Receipts for week ending 1st October 1881. Total.	Per mile open.	Total mean length open.	Receipts for week ending 30th September 1882. Total.	Per mile open.	Total Receipts from 1st April to 1st October 1881. Total.	Per mile open per week.	Total Receipts from 1st April to 30th September 1882. Total.	Per mile open per week.	Total Increase in 1882-83.	Total Decrease in 1882-83.
			₹	₹		₹	₹	₹	₹	₹	₹	₹	₹
	Guaranteed.												
30th Sep. 1882	Eastern Bengal . .	172	1,80,771	1,051	172	2,00,105	1,163	26,06,127	573	26,66,710	593	60,583	...
30th ditto .	Oudh and Rohilkhund	547	1,03,125	189	547	74,806	137	24,06,591	167	24,44,851	171	38,260	...
30th ditto .	Sind, Punjab & Delhi .	676	2,00,665	297	676	1,80,395	267	43,42,546	244	46,22,380	261	2,79,834	...
30th ditto .	Madras . . .	858	1,63,334	190	861	1,45,765	169	32,23,651	143	35,64,386	158	3,40,735	...
7th Oct. 1882	South Indian . .	655	77,010	118	655	75,250	115	19,52,417	113	19,56,470	114	4,053	...
30th Sep. 1882	Great Indian Peninsula	1,439	4,34,074	302	1,450	4,18,867	289	1,54,45,494	407	1,56,82,665	417	2,37,171	...
30th ditto .	Bombay, Baroda and Central India . .	444	1,31,994	297	461	1,22,192	265	46,90,882	402	48,47,309	402	1,56,427	...
	TOTAL .	4,791	12,90,973	269	4,822	12,17,380	252	3,46,67,708	274	3,57,84,771	284	11,17,063	...
	State.												
30th Sep. 1882	East Indian . .	1,504	11,34,746	754	1,507	7,86,221	522	2,14,95,291	543	2,14,50,224	543	...	45,067
30th ditto .	Calcutta and South-Eastern . . .	28	2,640	94	33	7,723	234	75,498	102	98,703	121	23,205	...
30th ditto .	Nalhati . . .	27	1,627	60	27	1,376	51	81,966	45	83,969	48	2,003	...
30th ditto .	Northern Bengal .	233	50,361	216	233	46,990	202	8,26,115	136	9,50,565	156	1,24,450	...
30th ditto .	Tirhoot . . .	75	11,355	151	75	10,720	143	2,79,458	134	3,18,234	150	38,776	..
30th ditto .	Patna-Gya . . .	57	10,360	182	57	17,425	306	2,52,679	168	2,30,233	154	...	22,446
7th Oct. 1882	Muttra-Hathras . .	29	2,204	76	29	2,960	102	70,344	92	60,066	79	...	10,278
7th ditto .	Cawnpore-Furrakhabad	86	6,776	79	87	6,132	70	1,36,391	60	1,66,719	73	30,328	...
30th Sep. 1882	Dildarnagar-Ghazipur.	12	893	74	12	641	53	19,782	62	21,759	69	1,977	...
30th ditto .	Rajputana-Malwa .	1,016	1,83,250	180	1,117	1,44,759	129	40,70,137	152	49,79,998	170	9,09,861	...
7th Oct. 1882	Wardha Coal . .	45	7,149	159	45	13,561	301	2,42,853	205	2,58,846	220	15,993	...
7th ditto .	Nagpur & Chhattisgarh	53	3,774	71	98	5,199	53	1,38,686	90	2,66,036	104	1,27,350	...
30th Sep. 1882	Rangoon and Irrawaddy. Valley . .	161	22,298	138	161	18,007	112	6,65,119	157	6,65,935	158	816	...
30th ditto .	Sindia . . .	75	6,424	86	75	5,166	69	1,42,573	72	1,51,786	77	9,213	...
30th ditto .	Punjab Northern .	363	39,535	109	409	49,371	121	14,05,206	149	14,14,137	134	8,931	...
30th ditto .	Indus Valley and Kandahar . . .	660	1,09,717	166	660	78,130	118	23,33,507	134	21,18,920	123	...	2,14,587
30th ditto .	Muttra-Achnera .	...	...	...	23	1,292	56	...	...	33,802	56	33,802	...
	TOTAL .	2,920	4,58,363	157	3,141	4,09,452	130	1,06,90,314	139	1,17,69,708	143	10,79,394	...
	Native States.												
7th Oct. 1882	Bhavnagar-Gondal .	193	5,448	28	194	12,965	67	3,33,998	81	4,50,250	88	1,16,252	...
7th ditto .	Nizam's . . .	121	11,842	98	121	18,925	156	3,98,104	125	4,29,258	135	31,154	...
23rd Sep. 1882	Mysore . . .	58	4,292	74	...	...(a)	...	(b)67,126	46	(c)1,34,265	62	67,139	...
	TOTAL .	372	21,582	58	315	31,890	101	7,99,228	90	10,13,773	95	2,14,545	...
	GRAND TOTAL .	9,587	29,05,664	303	9,785	24,44,943	250	6,76,52,541	269	7,00,18,476	271	23,65,935	...
	GROSS ESTIMATED EXPENSES .	...	...	...	...	...	...	3,35,63,195	133	3,41,81,404	132	...	...
	NET RECEIPTS .	...	...	...	...	...	...	3,40,89,346	136	3,58,37,072	139	17,47,726	...

(a) Return not received.
(b) Total receipts from 1st April to 24th September 1881.
(c) Total receipts from 1st April to 23rd September 1882.

SIMLA,
The 6th November 1882.

FRED. FIREBRACE, *Major, R.E.,*
Under Secretary.

No. XL OF 1882.

APPROXIMATE STATEMENT OF GROSS RECEIPTS AND EXPENSES OF INDIAN RAILWAYS.

Latest return received.	Railways.	Total mean length open.	Receipts for week ending 8th October 1881. Total.	Per mile open.	Total mean length open.	Receipts for week ending 7th October 1882. Total.	Per mile open.	Total Receipts from 1st April to 8th October 1881. Total.	Per mile open per week.	Total Receipts from 1st April to 7th October 1882. Total.	Per mile open per week.	Total Increase in 1882-83.	Total Decrease in 1882-83.
			₹	₹		₹	₹	₹	₹	₹	₹	₹	₹
	Guaranteed.												
7th Oct. 1882	Eastern Bengal . .	172	1,60,819	935	172	2,02,124	1,175	27,66,946	586	28,68,834	614	1,01,888	...
7th ditto .	Oudh and Rohilkhund	547	69,671	127	547	66,811	122	24,76,263	166	25,11,662	169	35,399	...
7th ditto .	Sind, Punjab, and Delhi	676	2,20,031	325	676	1,84,748	273	45,62,578	247	48,07,128	262	2,44,550	...
7th ditto .	Madras . . .	858	1,17,394	137	861	1,15,188	134	33,41,045	142	36,79,574	159	3,38,529	...
7th ditto .	South Indian . .	655	67,591	103	655	64,749	99	20,20,007	113	20,22,171	114	2,164	...
7th ditto .	Great Indian Peninsula	1,439	4,05,228	282	1,458	4,39,700	302	1,58,50,723	403	1,61,22,365	409	2,71,642	...
7th ditto .	Bombay, Baroda, and Central India . .	444	1,42,989	322	461	1,35,125	293	48,33,872	399	50,60,786	404	2,26,914	...
	TOTAL .	4,791	11,83,723	247	4,830	12,08,445	250	3,58,51,434	274	3,70,72,520	283	12,21,086	...
	State.												
7th Oct. 1882	East Indian . .	1,504	6,50,526	433	1,507	7,59,524	504	2,21,45,818	539	2,22,09,748	543	63,930	...
7th ditto .	Calcutta and South-Eastern . . .	28	1,979	71	33	2,870	87	77,477	101	1,01,573	110	24,096	...
14th ditto .	Nalhati . . .	27	741	27	27	1,473	55	32,707	44	35,442	48	2,735	...
7th ditto .	Northern Bengal. .	233	34,268	147	230	52,950	230	8,60,383	137	10,03,363	159	1,42,980	...
14th ditto .	Tirhoot . . .	75	7,481	99	75	10,172	136	2,86,939	131	3,28,406	149	41,467	...
14th ditto .	Patna-Gya . . .	57	7,390	130	57	17,044	299	2,60,069	167	2,47,277	160	...	12,792
14th ditto .	Muttra-Hathras . .	29	1,821	63	29	2,231	77	72,165	91	62,297	79	...	9,868
14th ditto .	Cawnpore-Furrakhabad	86	5,684	66	87	4,683	54	1,42,076	60	1,71,402	72	29,326	...
7th ditto .	Dildarnagar-Ghazipur	12	473	39	12	550	46	20,254	62	22,309	68	2,055	...
7th ditto .	Rajputana-Malwa .	1,016	1,92,788	190	1,117	1,49,075	133	42,62,927	153	51,29,073	169	8,66,146	...
7th ditto .	Wardha Coal . .	45	5,726	127	45	9,631	214	2,48,580	202	2,68,575	220	19,995	...
7th ditto .	Nagpur and Chhattisgarh . . .	53	6,139	116	98	4,486	45	1,44,824	92	2,70,574	102	1,25,750	...
7th ditto .	Rangoon and Irrawaddy Valley . . .	161	20,816	129	161	21,458	133	6,85,935	156	6,89,855	158	3,920	...
14th ditto .	Sindia . . .	75	6,226	83	75	4,655	62	1,48,798	72	1,56,441	76	7,643	...
7th ditto .	Punjab Northern .	363	55,527	153	409	54,194	133	14,60,732	147	14,63,331	133	2,599	...
7th ditto .	Indus Valley and Kandahar . . .	660	1,37,123	208	660	81,929	126	24,70,630	137	22,00,849	123	...	2,69,781
7th ditto .	Muttra-Achnera .	...	...	...	23	1,127	49	...	...	34,929	55	34,929	...
7th ditto .	Kaunia Dharla Tramway	21	987	47	32	1,890	59	(e) 14,177	52	40,474	46	26,297	...
	TOTAL .	2,941	4,85,169	165	3,160	4,20,368	133	1,11,88,673	139	1,22,26,170	142	10,37,497	...
	Native States.												
7th Oct. 1882	Bhavnagar-Gondal .	192	11,533	60	193	11,244	58	3,45,531	79	4,61,773	88	1,16,242	...
7th ditto .	Nizam's . . .	121	11,510	95	121	20,247	167	4,09,614	124	4,51,120	137	41,506	...
23rd Sep. 1882	Mysore . . .	58	3,347	57	...	(a)	...	(b) 67,126	46	(c)1,29,069	57	61,943	...
7th Oct. 1882	Jodhpur . . .	...	...	...	19	875	46	...	...	(d) 8,451	29	8,451	...
	TOTAL .	371	26,390	71	333	32,366	97	8,22,271	89	10,50,413	92	2,28,142	...
	GRAND TOTAL .	9,607	23,45,808	244	9,830	24,20,703	246	7,00,08,196	267	7,25,58,851	269	25,50,655	...
	GROSS ESTIMATED EXPENSES .	...	...	...	...	...	...	3,48,11,692	133	3,54,51,591	132	...	...
	NET RECEIPTS .	...	...	...	...	...	...	3,51,96,504	134	3,71,07,260	137	19,10,756	...

(a) Return not received.
(b) Total receipts from 1st April to 24th September 1881.
(c) Total receipts from 1st April to 23rd September 1882.
(d) Total receipts from 24th June to 7th October 1882.
(e) Total receipts from 9th July to 8th October 1881.

SIMLA,
The 6th November 1882.

FRED. FIREBRACE, *Major, R.E.,*
Under-Secretary.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

IRRIGATION BRANCH.

IRRIGATION OPERATIONS IN BENGAL FOR 1882-83.

Areas leased for irrigation up to end of August 1882.

Circle.	District.	Canal.	Supply of Water in the Canals. Estimated full discharge in cubic feet per second.	Average full discharge in cubic feet per second through out the month.	Estimated discharge utilised.	Five-year leases. Leased in August 1882.	Five-year leases. Leased up to end of August 1882.	Five-year leases. Total, inclusive of unexpired leases of previous years.	Three-year leases. Leased in August 1882.	Three-year leases. Leased up to end of August 1882.	Three-year leases. Total, inclusive of unexpired leases of previous years.	Annual leases. Leased in August 1882.	Annual leases. Leased up to end of August 1882.	Rabi. Annual leases. Leased in August 1882.	Rabi. Annual leases. Leased up to end of August 1882.	Rabi. Three-year leases. Leased in August 1882.	Rabi. Three-year leases. Leased up to end of August 1882.	Rabi. Three-year leases. Total, inclusive of unexpired leases of previous years.	Sugarcane. Leased in August 1882.	Sugarcane. Leased up to end of August 1882.	Grand Total. Kharif.	Grand Total. Rabi.	Grand Total. Sugarcane.	Grand Total. Total.	Grand total of the corresponding month of previous years.	Rainfall. Inches during the month.	Rainfall. Inches during 1882-83.	Rainfall. Average of the ten previous years of the same period.	Remarks.
			c. ft.	c. ft.	c. ft.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Ins.	Ins.	Ins.	
Orissa	Cuttack	Kendrapara Paramoondee High Level, Section I	1,269	790·10	...	...	...	40,061	...	...	13,607	...	1,034	70	2,333	...	...	796	8	139	53,684	12,065	68	65,817	50,210	1·65	18·65	26·59	
		Taldanda Section II	1,042	336·20	...	...	...	11,272	...	...	796	...	6,556	...	...	...	...	...	...	...	12,065	...	12,217	12,046	0·52	18·65	26·59	
		Matchgong High Level, Section II	1,300	288·65	...	...	...	13,587	...	...	626	...	8,918	8	67	...	...	632	...	...	14,213	1,069	8	15,290	14,022	1·65	18·65	26·34	
			650	578·00	...	...	...	10,076	...	...	6,197	...	100	18	336	...	...	6,197	26	77	11,069	31,906	96	43,071	32,005	1·65	18·65	26·19	
			727·16	383·00	0·00	...	...	26,269	...	...	1,176	...	2,806	...	619	...	...	1,176	...	41	1,389	...	96	1,476	1,412	7·19	7·08	27·92	
	Total of the month		...	...	...	...	...	100,488	...	...	28,334	...	19,474	96	3,355	...	...	8,801	34	276	125,823	3,906	276	130,005	117,299	15·00	81·10	83·00	
	Total of the corresponding month of previous year		...	...	...	...	...	100,673	...	17	11,129	...	30,541	...	5,351	...	...	8,801	34	246	111,702	5,351	246	117,299	...	9·82	42·51	102·39	
South-Western	Midnapore	Midnapore Panchkoorah	875	790·10	...	68	10,700	80,987	...	...	466	...	...	...	...	...	...	...	...	...	80,987	11,940	...	92,927	90,495	12·09	44·74	39·87	
	Howrah		300	270	...	72	1,646	11,940	...	...	...	...	...	...	...	...	...	...	...	...	11,940	...	...	11,940	13,367	6·90	32·59	39·98	
	Total of the month		...	...	...	130	12,406	92,927	...	...	466	...	...	...	...	...	...	...	...	...	92,927	...	...	92,927	103,862	18·99	77·33	79·85	
	Total of the corresponding month of previous year		...	...	...	287	102,767	...	...	—194	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Rose	Shahabad	Western Main.	4,348	2,229	...	205	1,549	1,948	...	...	...	...	1,034	...	...	...	...	...	...	...	1,220	5,750	...	6,970	4,874	10·68	18·65	26·59	
		Buxar	1,226	569	...	296	3,599	6,192	...	...	...	...	6,556	...	...	...	...	...	...	...	3,141	21,339	...	24,480	15,671	13·28	26·34	28·49	
		Arrah	1,660	1,196	...	2,054	...	48,415	...	...	...	...	8,918	...	...	...	...	...	...	...	4,525	66,066	...	70,591	50,238	7·19	26·19	27·92	
	Patna and Gya	Eastern Main. Patna	1,406	963	...	...	88	214	...	...	...	...	100	...	...	...	...	...	...	35	1,285	16,756	...	18,076	9,356	...	...	...	
	Total of the month		...	...	...	2,645	16,388	59,193	...	...	...	...	2,806	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Total of the corresponding month of previous year		...	...	...	3,295	21,638	26,660	...	...	6,986	...	6,176	...	...	...	...	...	...	...	...	80,293	...	80,293	80,263	42·61	102·39	91·98	
	Grand total of the month		...	...	...	2,775	26,789	252,609	...	...	23,334	...	19,474	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Grand total of the corresponding month of previous year		...	...	...	3,295	21,765	231,010	...	17	18,220	...	6,176	...	...	...	...	...	...	...	...	301,454	...	301,454	301,454	64·90	204·83	175·60	
			...	...	...	...	...	...	...	272	...	...	32,780	...	5,351	...	3,906	...	3,906	276	14,083	...	5,351	14,083	...	88·72	270·91	181·46	

CALCUTTA,
The 5th October 1882.

G. F. E. S. NEILL, *Major, M.S.C.,*
Asst. Secy. to the Govt. of Bengal in the P. W. Dept.

* This return includes all the rabi area for 1882-83. The decrease, as compared with last year, is due to many channels on the Kendrapara having been entirely closed for the speedier completion of drainage cuts. The demand for canal water for kharif lands was continuous throughout the month.

GOVERNMENT OF INDIA.

HOME DEPARTMENT.

LOCAL SELF-GOVERNMENT IN MADRAS.

No. 1532, dated Ootacamund, the 20th October 1882.

From—C. G. Master, Esq., Chief Secretary to the Government of Madras,

To—The Secretary to the Government of India, Home Department.

With reference to your letter, dated 31st May 1882, No. 830, I am directed to forward, for submission to His Excellency the Viceroy and Governor General in Council, the accompanying copy of a report by the Committee appointed in this Presidency to consider the question of local self-government, containing their preliminary observations on the subject, together with the remarks passed by this Government thereon.

Extract from the Proceedings of the Government of Madras, Financial Department, No. 1531, dated the 20th October 1882.

Read again the following paper :—

G. O. No. 597, dated 29th June 1882.

Read also the following paper :—

From R. S. Benson, Esq., Secretary to the Committee on Local Self-government, to the Chief Secretary to the Government of Madras, No. 193, dated Ootacamund, the 17th October 1882.

Order thereon by the Government of Madras.

The paper recorded above contains the preliminary observations of the Committee (consisting partly of Europeans and partly of Natives) to which was entrusted the duty of reporting upon the views and instructions of the Government of India in their bearing on the question of local self-government in the Madras Presidency, after full communication alike with the officers of this Government and with the most authoritative exponents of indigenous South Indian opinion.

Resolutions—30th September 1881, No. 3353; 10th October 1881, No. 3515; 18th May 1882, No. 17—747-59: in letter—31st May 1882, No. 930; 30th June 1882, No. 2078.

2. It is gathered from the Resolutions of the Government of India that the points as to which the Governor General in Council is chiefly anxious are—

(1) that in the larger towns and more advanced rural districts election should be the rule, not the exception;

(2) that in such towns and districts the Chairman should usually not be an official.

3. The sketch which the Committee have submitted indicates the mode in which the elective franchise has been extended to the larger towns* in this Presidency; and although the privilege may have been sometimes abused and sometimes neglected, there is no reason on the whole to complain of the working of representative institutions in the rural municipalities.

* Trichinopoly. Madura. Bellary. Tanjore. Salem. Calicut. Negapatam. Kumbakonam. Ootacamund. Cuddalore. Tinnevelly. Mangalore.

4. The report further shows that, though in the districts the elective system has not yet been tried, the working of the Local Fund Boards, as at present organised, has been decidedly good.

5. The Government regard with much satisfaction the very great progress that has been made in recent years, and believe that such progress would not have been so great if the maxim *festina lentè* had not guided the action heretofore taken; but at the same time they are far from thinking that the hour has not come for a decided, although cautious, advance along the whole line in the direction of the further development of local liberties.

6. It would be easy to find not merely conservative, but very advanced liberal, authority for the doctrine that "if a principle, however progressive it may appear, can compromise all that has been acquired, it should not be enunciated." Nothing, however, could be further than this from the proposals now under consideration. What this Government are asked to do is only to build higher upon old lines. The Right Hon'ble the Governor in Council finds, therefore, no difficulty in agreeing to the first of the leading principles mentioned above. He is prepared to increase the number of towns in which the municipal body is elected, and to introduce election into the more advanced rural districts tentatively at first, but in the full belief that it will soon be possible to increase the number of Local Fund Boards which are not nominated, but elected.

7. As to the second leading principle, the Collector has hitherto been the President of all Municipalities and Local Fund Boards, wielding, in the former case, often a merely nominal authority; for it is clear that in most Municipal Boards the people have virtually managed their own affairs. His Excellency in Council considers that it will be perfectly safe to go beyond the suggestions on this point now submitted to him in the report read above, and to affirm the principle that in the larger towns, as well as in the more advanced rural districts, the Chairman should not usually be an official.

8. Though, however, the Collecter may, in most cases, cease to be the President or even a member of the Municipalities and Local Fund Boards in his district, none the less will it be his duty to act as the adviser and guide of all these organisations, and to report for the orders of Government every case in which he thinks that the action of any of them may be likely to lead to seriously injurious effects.

9. The Government of India, as His Excellency the Governor in Council apprehends, are by no means desirous of leaving a number of bodies, many of which must in the nature of things be inexperienced, to find their own way through the pitfalls and mazes of local administration without help; but there is a wide difference between keeping people in leading strings and emancipating them from all control, the whole difference in fact which is usually found between the treatment of childhood and adolescence. Occasions may of course arise in which local circumstances or peculiar conjunctures may require a different arrangement, and the Government therefore have reserved to themselves the power of directing their representative to assume the presidency of any local organisation; but the occasions for such a step will, it is believed, be always rare; and as the practical education of the people in the management of their own local affairs will continually advance, this power may at length, it is hoped, be permitted to fall into desuetude.

10. There can be no doubt that, as the prosperity and intelligence of the country increase, demands will be made upon the administration which it will be quite impossible to supply through direct official agency; and it will be more and more necessary to relieve the highly paid and elaborately trained European Superintendents of work which can be, if not at first as well, at least very tolerably, done by less trained and often unpaid ability. His Excellency the Governor in Council finds in this consideration a strong argument in favour of the views of the Government of India, altogether apart from the duty of advancing the political education of the people,—a duty to which he is far from omitting to attach importance.

11. The Committee have noticed another principle to which the Government of India have called special attention, *viz.*, that the administrative unit of Local Government in rural districts should be smaller than it has been. The suggestion will, of course, be considered more in detail when the Committee have had time to elaborate their recommendations; but meanwhile His Excellency in Council desires to remark that he is in no way disinclined to admit the principle, regard of course being had to the nature of particular tracts of country and the diffusion of elementary education within the same.

12. In thus recording his observations on the most salient points connected with this important question for the guidance of the Committee in their further deliberations, the Right Hon'ble the Governor in Council would further remark that the powers reserved in the 17th paragraph of the Resolution* of the Government of India are absolutely necessary to the safety of the changes which are to be made. For a long time to come such acts as the raising of loans, the imposition of taxes in other than duly authorised form, the alienation of municipal property, or interference with any matters involving religious questions or affecting the public peace, will require to remain under the control of the executive authority. With these safeguards there is not, in His Excellency's opinion, any doubt of the success of the suggested experiments in this part of India.

* No. 17—747-59, dated 18th May 1882.

13. The Committee are thanked for their most useful labors, and requested to continue them with a view to laying before Government a further exposition of their views and draft Acts practically applying them, regard being had to the principles affirmed in this order.

No. 1773, dated Simla, the 6th November 1882.

From—A. MACKENZIE, Esq., Secretary to the Government of India, Home Department,

To—The Chief Secretary to the Government of Madras.

I am directed to acknowledge the receipt of your letter No. 1532, dated the 20th ultimo, forwarding a copy of a preliminary report by the Committee appointed under the orders of the Government of Madras to consider the question of local self-government in the Madras Presidency, together with the remarks passed by His Excellency the Governor in Council thereupon.

2. In reply, I am to convey the thanks of the Governor General in Council to the Government of Madras for the important steps which are being taken by them with a view to carrying out in the Madras Presidency the policy of the Government of India, as laid down in the Resolution of the 18th May 1882.

DESTRUCTION OF WILD ANIMALS AND VENOMOUS SNAKES IN BRITISH INDIA.

No. $\frac{48}{1780-90}$.

Extract from the Proceedings of the Government of India in the Home Department (Public),—under date Simla, the 8th November 1882.

Read—

Resolution of the Home Department, No. 48—1585-95, dated the 4th October 1881, reviewing the reports on the results of the measures adopted for exterminating wild animals and poisonous snakes in British India during the year 1880.

Read also the following letters from the Local Governments and Administrations submitting returns for the year 1881, and reports of special measures adopted in some cases :—

From the Government of Madras, No. 261A., dated the 4th March 1882.
From the Government of Madras, No. 757, dated the 17th July 1882.
From the Government of Bombay, No. 2279, dated the 19th June 1882.
From the Government of Bengal, No. 429, dated the 18th September 1882.
From the Government of the North-Western Provinces and Oudh, No. 1920, dated 2nd June 1882.
From the Government of the North-Western Provinces and Oudh, No. 2480, dated 22nd July 1882.
From the Government of the Punjab, No. 1727, dated the 30th August 1882.
From the Government of the Punjab, No. 1974, dated the 7th October 1882.
From the Chief Commissioner of the Central Provinces, No. 1139-65, dated the 6th April 1882.
From the Chief Commissioner, British Burma, No. 780-98, dated the 21st March 1882.
From the Chief Commissioner, Coorg, No. 1750-110, dated the 28th January 1882.
From the Chief Commissioner, Assam, No. 722, dated the 17th May 1882.
From the Resident at Hyderabad, No. 185, dated the 29th April 1882.
From the Chief Commissioner of Ajmere and Merwara, No. 127, dated the 21st February 1882.

RESOLUTION.

The statement appended to this Resolution shows in detail for each province the number of persons and cattle killed by wild animals and snakes, and the number of wild animals and snakes destroyed, with the rewards paid for their destruction during the year 1881, as compared with the previous year. The figures are summarised in the following tables :—

Number of human beings and cattle killed.

	Persons killed						Cattle killed					
	By wild animals.		By snakes.		Total.		By wild animals.		By snakes.		Total.	
	1880.	1881.	1880.	1881.	1880.	1881.	1880.	1881.	1880.	1881.	1880.	1881.
Madras	223	238	1,182	1,064	1,405	1,302	8,667	8,668	227	270	8,894	8,938
Bombay	136	141	972	1,024	1,108	1,165	4,537	2,398	89	191	4,626	2,589
Bengal	1,295	1,367	10,064	9,268	11,359	10,635	14,567	8,423	1,248	154	15,815	8,577
North-Western Provinces and Oudh.	561	470	4,723	5,010	5,284	5,480	8,140	7,971	221	317	8,361	8,288
Punjab	42	27	681	744	723	771	7,986	4,063	78	69	8,064	4,132
Central Provinces	289	248	991	985	1,280	1,233	3,711	2,929	39	26	3,750	2,955
British Burma	32	34	149	135	181	169	978	898	194	150	1,172	1,048
Coorg	*Nil*	*Nil*	3	*Nil*	3	*Nil*	219	191	*Nil*	*Nil*	219	191
Assam	234	211	211	189	445	400	3,269	2,802	57	16	3,326	2,818
Hyderabad Assigned Districts ...	24	18	125	197	149	215	3,560	3,013	383	836	3,943	3,849
Ajmere-Merwara	4	3	49	54	53	57	216	264	*Nil*	*Nil*	216	264
Total ...	2,840	2,757	19,150	18,670	21,990	21,427	55,350	41,640	2,536	2,029	58,386	43,669

Number of wild animals and snakes destroyed and amount of rewards paid.

	Wild animals.				Snakes.			
	Destroyed.	Rewards.	Destroyed.	Rewards.	Destroyed.	Rewards.	Destroyed.	Rewards.
	1880.		1881.		1880.		1881.	
		Rs. A. P.		Rs. A. P.		Rs. A. P.		Rs. A. P.
Madras	1,284	16,579 10 0	1,429	20,251 5 0	*Nil*	*Nil*	*Nil*	*Nil*
Bombay	1,717	4,775 1 0	1,367	4,965 13 0	177,078	6,922 3 6	2,07,113	6,214 0 0
Bengal	4,783	24,841 10 6	4,213	23,316 3 0	23,201	3,733 3 6	19,282	3,430 5 0
North-Western Provinces and Oudh	2,024	7,205 4 0	3,037	8,434 14 0	1,029	10 2 0	1,142	56 5 3
Punjab	1,389	4,715 0 0	1,411	4,856 3 0	9,126	635 5 0	22,279	1,587 4 0
Central Provinces	1,408	17,887 8 0	1,351	15,842 0 0	866	336 6 0	1,493	562 8 0
British Burma	639	3,468 0 0	1,059	4,260 8 0	997	2 0 0	2,090	27 0 0
Coorg	26	140 0 0	15	215 0 0	58	*Nil*	16	4 0 0
Assam	541	7,022 10 0	1,176	7,552 2 0	202	*Nil*	300	34 0 0
Hyderabad Assigned Districts ...	167	1,590 0 0	216	2,156 0 0	158	23 14 0	332	45 8 0
Ajmere-Merwara	8	13 0 0	5	*Nil*	61	*Nil*	21	*Nil*
Total ...	14,886	88,327 11 6	15,279	90,850 0 0	2,12,776	11,663 2 0	2,54,968	11,960 14 3

2. The above figures show a decrease during the year under review, as compared with the previous year, both in the number of persons and of cattle killed, and, on the other hand, an increase in the number of wild animals and snakes destroyed. The total number of persons killed during the year was 21,427 against 21,990 in the year 1880. As was the case in the previous year, the mortality which occurred in Bengal and in the North-Western Provinces and Oudh, in which Provinces the deaths amounted respectively to 10,635 and 5,480, was far greater than in other Provinces. Of the total number of deaths, 18,670 resulted from snake-bite and 2,757 were caused by wild animals; the figures for the previous year being 19,150 and 2,840 respectively. The number of persons killed in Bengal (747) and in the North-Western Provinces and Oudh (208) by wild animals other than those specifically named in the returns was considerable. In future returns the animals which came under the general head "Other Animals," and which cause in all Provinces a very large proportion of the mortality, should be specified in a footnote with the number of deaths caused by each kind.

3. The total number of cattle killed decreased from 58,386 to 43,669. This result is chiefly due to the exclusion from the Bengal return of sheep and goats, of which a large number (6,463) were included in the figures for the year 1880. There has, however, been a marked decrease in the number of cattle killed by wild animals and snakes in the Bombay Presidency, the figures for the years 1880 and 1881 being 4,626 and 2,589 respectively. In the Punjab also the number of cattle killed was considerably less than in the preceding year, but in this Province, as in the case of Bengal, the decrease appears to be due to the exclusion of sheep and goats from the returns of the year 1881.

4. The number of wild animals destroyed was 15,279 against 14,886 in 1880. The number of tigers, leopards, bears and wolves destroyed was 1,557, 3,397, 991 and 4,538, respectively, as compared with 1,689, 3,047, 1,100 and 4,243 in the preceding year; and the number of human beings killed by these animals respectively amounted to 889, 239, 75 and 256 against 872, 261, 108 and 347 in the year 1880.

5. The total amount of rewards paid during the year was Rs. 1,02,811. Of this sum, Rs. 90,850 were awarded for the destruction of wild animals, the remainder, Rs. 11,961, being paid for the destruction of snakes. Of the latter amount,

Rs. 6,214 were paid in the Bombay Presidency, Rs. 3,430 in Bengal, Rs. 1,587 in the Punjab, and Rs. 562 in the Central Provinces. In the other Provinces the payments for the destruction of snakes were nominal, while in the Madras Presidency no rewards are given on this account.

6. In the review of the returns for the year 1880, a hope was expressed that endeavours would be made to induce men belonging to the shikari class to devote themselves specially to the work of destruction in districts which are more than usually infested with wild animals, and Local Governments were authorised to make special arrangements for the experimental employment of such men. From the present reports it appears that the Government of Madras has decided that the employment of a paid corps of shikaris is undesirable, as the cost of supervision would be excessive, while the employment of such a corps would discourage local shikaris. On this point the Governor General in Council desires to remark that where local shikaris exist, it is very desirable that every encouragement should be held out to them; and that in such cases it is preferable to trust to fixed, certain and prompt payments according to results as the most effective way of inducing the shikaris to devote themselves to the work. At the same time certain tracts of country exist in which the special and temporary employment of men from outside may be very useful and expedient, and the reports show that the adoption of this plan has in some cases been followed by satisfactory results. For instance in the Fatehpur District in the North-Western Provinces, the entertainment of a body of special shikaris resulted in the destruction of a considerable number of wolves with which that district was infested. In Dinagepore, in the Lower Provinces also, professional hunters were engaged during the closing month of the year for the destruction of tigers. In the Central Provinces the ravages committed by tigers in the Balaghat and Seoni Districts necessitated the offer of enhanced rewards for their destruction, and the District Officer of Seoni has endeavoured to organise a special expedition of shikaris for the purpose of hunting down the animals, and has provided the shikaris with ammunition. Licenses under the Arms Act appear to have been more freely given than hitherto to persons who require arms for protecting themselves and their cattle and [illegible] kept in view by Local [illegible] every possible facility [illegible] such licenses in districts in which wild beasts are more than usually [illegible]

7. As regards the destruction of venomous snakes, special measures have been adopted in some Provinces, of which it appears desirable to give a brief account in case they may be considered suitable for adoption elsewhere. In Bengal a scheme has been sanctioned by the Local Government in the case of the Patna Division, under which persons destroying snakes can obtain certificates from certain selected planters vouching for the poisonous nature of the snakes destroyed. The production of such a certificate entitles the holder to secure from the local authorities the reward offered whenever he finds an opportunity of applying for it. As observed by the Government of Bengal, this concession will probably be found to add much to the convenience of persons claiming rewards, and to act as an inducement towards the destruction of poisonous snakes. The expediency of extending the scheme will be considered by the Local Government when the results of the current year's operations are known. In the North-Western Provinces and Oudh the Lieutenant-Governor and Chief Commissioner has sanctioned the entertainment tentatively in each district of those Provinces of a staff of Kanjars, or men of similar caste who trap and kill reptiles, for the systematic destruction of venomous snakes. These men will receive pay at the rate of Rs. 2 per mensem, together with an additional reward of two annas for every venomous snake in excess of 20 destroyed by each man during any month. A gang of snake-hunters is also to be employed at each tahsili, and, if the measure proves successful, it is proposed that similar gangs should be eventually appointed to each police circle or other local area. It appears to the Governor General in Council that a plan for the destruction of snakes, such as that initiated in the North-Western Provinces and Oudh, is

likely to prove far more efficacious than the mere offer of rewards, although it is true that unless such operations are confined to towns and villages and their neighbourhoods, where it is believed that the largest number of deaths occur from snake-bite, they will probably be very costly. His Honour the Lieutenant-Governor of the Punjab has issued a circular to Commissioners and Superintendents in the Punjab, drawing attention to the matter with a view to the adoption of measures for destroying snakes by a system of rewards to be granted by District Committees and Municipalities. Casts and lithographed pictures of the more common species of deadly snakes have already been supplied to the police stations in some districts, and Deputy Commissioners have been requested to suggest to Municipal and District Committees the desirability of procuring similar means of reference for the purpose of testing applications for rewards. In British Burma the Chief Commissioner, with a view to encourage village snake-hunts in the rice plains, has arranged to grant sums varying from Rs. 10 to Rs. 20, according to the number of houses, in aid of a feast or *pweh* at the end of the annual hunt to every village which successfully carries out such an undertaking.

8. On the whole, the results recorded during the year under review appear to the Government of India to be more satisfactory than those of the previous year. The Governor General in Council is glad to notice that the question of taking measures to reduce the lamentable loss of life which is at present caused by wild animals and venomous snakes is receiving the earnest consideration of Local Governments and Administrations, and His Excellency in Council will await with interest the reports showing the results of the special measures which have been adopted in some Provinces. It is clear that much still remains to be done; but if sustained efforts are made and well considered plans adopted for the extermination of wild beasts and deadly snakes, His Excellency in Council believes that the number of deaths from these causes will in course of time be materially reduced.

ORDER.—Ordered, that this Resolution, with the appended table, be forwarded to Local Governments and Administrations for information and guidance, and that it be published in the Supplement to the *Gazette of India*.

...owing the results of the measures adopted in British India with the view of exterminat... ...nd animals and venomous snakes during the year 1881.

3						4																										5
MBER OF CATTLE KILLED BY						NUMBER O... F IALS AND SNAKES DESTROYED AND AMOUNT OF REWARD PAID FOR THEIR DESTRUCTION.																												
Bears.	Wolves.	Hyenas.	Other animals.	Snakes.	Total number of cattle killed.	Elephants.	Amount of reward.			Tigers.	Amount of reward.			Leopards.	Amount of reward.			Bears.	Amount of reward.			Wolves.	Amount of reward.			Hyenas.	Amount of reward.			Other animals.	Amount of reward.			Snakes.	Amount of reward.			Total number, excluding snakes destroyed.	Total amount of reward, including snakes.			REMARKS.
							Rs.	A.	P.		Rs.	A.	P.	C	Rs.	A.	P.		Rs.	A.	P.		Rs.	A.	P.		Rs.	A.	P.		Rs.	A.	P.		Rs.	A.	P.		Rs.	A.	P.	
8	1,871	83	607	227	8,894	...	...	...	...	136	4,385	12	0	750	10,985	0	0	121	699	0	0	34	96	0	0	104	409	0	0	139	4	14	0	...	...	...	...	1,284	16,579	10	0	
65	1,709	149	203	270	8,938	...	...	...	...	189	5,965	2	0	837	12,766	15	0	140	802	12	0	26	90	0	0	166	621	0	0	62	5	8	0	...	...	...	...	1,429	20,251	5	0	
10	2,887	30	139	89	4,626	...	...	...	...	77	1,617	0	0	184	1,809	0	0	17	153	0	0	298	1,116	0	0	7	...	...	...	1,134	80	1	0	177,078	6,922	3	6	1,717	11,697	4	6	Bombay.
...	928	98	162	191	2,589	...	...	...	...	61	1,248	0	0	244	2,450	0	0	21	156	0	0	213	1,046	0	0	11	...	...	...	787	65	13	0	207,113	6,214	0	0	1,367	11,179	13	0	
28	1,777	1,262	2,821	1,248	15,815	...	...	...	...	724	14,332	8	0	925	3,675	0	0	218	475	0	0	763	4,859	0	0	344	689	8	0	1,809	810	11	0	23,201	3,733	3	6	4,783	28,574	14	6	Bengal.
...	428	258	778	154	8,577	...	...	...	...	640	11,211	13	0	981	3,776	4	0	14...	323	12	0	808	5,960	12	0	278	525	0	0	1,269	518	10	0	19,282	3,430	5	0	4,213	25,746	8	0	
77	1,715	618	534	221	8,361	...	...	...	...	78	862	0	0	326	1,529	0	0	37...	1,007	8	0	1,667	3,023	12	0	462	841	8	0	19	31	8	0	1,029	10	2	0	2,924	7,305	6	0	North-Western Provinces and Oudh.
...	1,375	139	682	317	8,288	...	...	...	...	82	846	0	0	372	1,762	8	0	34...	975	0	0	1,829	4,341	6	0	258	472	8	0	748	37	8	0	1,142	56	5	3	3,037	8,491	3	3	
13	2,417	58	18	78	8,064	...	...	...	...	50	325	0	0	98	685	8	0	31	...	...	...	1,194	3,686	8	0	15	18	0	0	...	...	...	...	9,126	635	5	0	1,389	5,350	5	0	Punjab.
9	1,787	265	6	69	4,152	...	...	...	...	1	15	0	0	138	840	8	0	8	...	...	...	1,238	3,972	3	0	3	...	...	...	26	28	8	0	22,279	1,587	4	0	1,411	6,443	7	0	
1	41	44	271	39	3,750	...	...	...	...	223	10,950	0	0	475	4,442	0	0	22...	980	0	0	244	1,034	0	0	216	481	8	0	...	...	...	...	866	336	6	0	1,408	18,223	14	0	Central Provinces.
15	33	38	223	26	2,955	...	...	...	...	195	9,370	0	0	445	4,002	0	0	19...	892	0	0	259	1,088	0	0	254	488	0	0	1	2	0	0	1,493	562	8	0	1,351	16,404	8	0	
1	...	...	56	194	1,172	3	...	...	...	78	1,335	0	0	62	459	0	0	...	255	0	0	...	...	...	...	...	...	...	...	447	1,419	0	0	997	2	0	0	639	3,470	0	0	British Burma.
...	18	...	30	150	1,048	2	200	0	0	81	1,380	0	0	63	599	0	0	...	305	0	0	...	...	...	...	...	...	...	...	867	1,776	8	0	2,990	27	0	0	1,059	4,287	8	0	
...	...	...	...	...	219	...	...	...	...	14	125	0	0	10	15	0	0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	58	...	...	...	26	140	0	0	Coorg.
...	...	...	...	...	191	...	...	...	...	6	155	0	0	7	60	0	0	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	16	4	0	0	15	219	0	0	
...	115	...	40	57	3,326	...	...	...	...	273	5,822	8	0	160	755	0	0	...	440	0	0	...	...	...	...	...	...	...	...	41	5	2	0	202	...	...	...	541	7,022	10	0	Assam.
			E																										F												
	...	...	108	16	3,818	...	...	...	...	289	6,021	0	0	192	913	8	0		556	8	0	...	...	...	...	...	...	...	...	619	61	2	0	300	84	0	0	1,178	7,526	2	0	
...	2,554	164	25	383	3,943	...	...	...	...	34	525	0	0	52	660	0	0		10	0	0	43	215	0	0	36	180	0	0	...	...	...	...	158	23	14	0	167	1,613	14	0	Hyderabad.
5	1,689	126	85	836	3,849	...	...	...	...	12	210	0	0	116	1,522	8	0		5	0	0	43	198	8	0	44	220	0	0	...	...	...	...	332	45	8	0	216	2,201	8	0	
...	130	...	...	...	216	...	...	...	...	2	...	...	...	5	10	0	0	...	...	...	...	...	...	...	...	1	3	0	0	...	...	...	...	61	...	...	...	8	13	0	0	Ajmere.
...	101	1	2	...	264	...	...	...	...	1	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	21	...	...	...	5	...	...	...	
8	8,076	1,078	2,279	2,029	43,669	2	200	0	0	1,557	36,421	15	0	3,397	28,693	3	0	36	2,...	0	0	4,536	16,696	13	0	1,014	2,326	8	0	3,780	2,495	9	0	254,968	11,960	14	3	15,279	102,810	14	3	
13	13,507	2,279	4,511	2,536	55,386	3	...	...	...	1,689	40,279	12	0	3,047	25,024	3	0	1,1...	4,019	8	0	4,243	14,030	4	0	1,215	2,622	8	0	3,589	2,351	4	0	212,776	11,663	2	0	14,886	99,990	14	0	

E
3 Buffaloes, 105 Other animals } 1881.

B
893 Cheetahs, 2,410 Leopards } 1880.

C
130 Cheetahs ... Rs. 2,091 0 0
620 Leopards ... 8,902 0 0 } 1880.

F
555 Boars ... Rs. 53 2 0
64 Other animals ... 8 0 0 } 1881.

A. MACKENZIE,
Secretary to the Government of India.

1		2											
Province.		Number of persons killed by											
		Elephants.	Tigers.	Leopards.	Bears.	Wolves.	Hyenas.	Other animals.	Snakes.	Total number of persons killed.	Elephants.	Tigers.	Leopards.
				A									B
Madras ...	1880 ...	7	108	44	6	...	...	59	1,182	1,405	...	2,795	3,303
	1881 ...	3	135	47	1	...	...	52	1,064	1,302	...	3,328	3,214
Bombay ...	1880 ...	...	30		...	15	...	71	972	1,108	...	965	506
	1881 ...	...	11		...	12	...	95	1,024	1,165	...	731	423
Bengal ...	1880 ...	7	359	151	47	53	4	674	10,064	11,359	...	4,222	4,[illegible]
	1881 ...	20	378	137	40	41	4	747	9,268	10,635	87	3,791	2,[illegible]
North-Western Provinces and Oudh.	1880 ...	6	3[illegible]	8	17	265	4	226	4,723	5,284	...	1,412	3,6[illegible]
	1881 ...	8	[illegible]	8	7	192	2	208	5,010	5,480	...	1,244	4,[illegible]
Punjab ...	1880 ...	...	[illegible]	2	3	8	...	19	681	723	...	36	5,241
	1881 ...	...	3	...	3	4	1	16	744	771	...	24	1,992
Central Provinces ...	1880 ...	...	55	32	16	5	2	79	991	1,280	...	2,385	969
	1881 ...	2	166	15	10	2	1	52	985	1,233	...	1,602	1,018
British Burma ...	1880 ...	...	16	1	3	...	...	12	149	181	...	781	140
	1881 ...		12	1	...	...	...	17	135	169	1	720	129
Coorg ...	1880 ...	...	...	...	...	...	...	...	3	3	...	146	73
	1881 ...	...	...	...	...	...	...	...	...	...	...	37	154
								D					
[illegible] ...	1880 ...	[illegible]6	151	...	16	...	...	41	211	445	...	1,971	1,143
	1881 ...	[illegible]2	131	4	13	3	...	38	189	400	...	2,274	405
[illegible]rashad Assigned Districts.	1880 ...		7	3	1	1	1	11	125	149	...	549	[illegible]
	1881 ...		7	4	1	2	...	4	197	215	...	709	386
[illegible]mere-Merwara ...	1880 ...		1	...	...	...	...	3	49	53	...	77	9
	1881 ...	...	...	...	...	...	...	3	54	57	...	86	124
Total for 1881 ...		58	[illegible]9	239	75	256	8	1,232	18,670	21,427	88	14,496	15,281
Total for 1880 ...		46	[illegible]	261	108	347	11	1,195	19,150	21,990	...	15,339	19,732

A

5 Cheetahs } 1880.
39 Leopards }

D

1 Buffalo } 1881.
37 Other animals }
3 Buffaloes } 1880.
38 Other animals }

GOVERNMENT OF INDIA.

REVENUE AND AGRICULTURAL DEPARTMENT.

REPORTS ON THE STATE OF THE SEASON AND PROSPECTS OF THE CROPS FOR THE WEEK ENDING THE 7th NOVEMBER 1882.

GENERAL REMARKS.—There has been light rain in the Madras Presidency, the Mysore State, and in British Burma. In Coorg heavy showers have been injurious to the rice crop coming into flower. In the Nizam's Territories, in the Central Provinces, in Bengal, and in Assam slight rain has fallen in a few districts.

Harvest operations are still in progress in parts of the Madras Presidency, Mysore, Bombay Presidency, Central Provinces, North-Western Provinces and Oudh, Central India, Rajputana, and Punjab.

Standing crops are on the whole in good condition throughout the country. More rain would, however, be beneficial in parts of the Madras Presidency, of the Deccan and Kaladgi, and in two districts in Oudh.

Sowings of *rabi* crops are still in progress in the North-Western Provinces and Oudh, in the Punjab, and in Rajputana and Central India, and have been nearly completed in Bengal, Central Provinces, Bombay Presidency, Berar, and the Nizam's Territories.

In the Bombay Presidency locusts are now leaving Násik and Ahmednagar, but are doing damage in Poona and Satara.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Madras—(Nov. 8th)		
Bellary ...	·47 (average of four stations).	Standing crops generally good; harvest dry grain, yield average.
Kurnool ...	·52 (average of four stations).	More rain wanted for dry crops; harvest early dry crops generally above, and indigo below, average; cattle-disease in parts.
Ganjam ...	2·49 (average of sixteen stations).	More rain wanted; standing crops, dry, grains and sugarcane thriving; fever, small-pox, and cattle-disease continue; cholera in one division.
Kistna ...	1·93 (average of thirteen stations).	Standing crops paddy affected by grub in two talukas, harvest dry grains, outturn below average; fever and cattle-disease prevail; water over the anicut 3 feet.
Chingleput (Madras) ...	·96 (average of eleven stations).	Standing crops good under river channels, elsewhere generally withering from want of rain; harvest paddy and dry grains, outturn below average; cattle-disease in parts.
Coimbatore ...	·68 (average of ten stations).	Standing crops good; harvest wet and dry grains, outturn average; fever, small-pox, and cattle-disease in parts; a few cases of cholera.
Tanjore ...	1·11 (average of eleven stations).	Standing crops good except in parts upland where they suffer from want of rain; harvest wet and dry grains, outturn below average.
Madura ...	·19 (average of two stations).	Standing crops fair except in one taluk; cholera in parts.
Malabar ...	·90 (average of seven stations).	Second crop progressing; small-pox and cholera slight in parts.
Travancore ...	·25	Agricultural operations progressing; fever exists. *General Remarks.*—General prospects good.
Bombay—(Nov. 8th)		
Kurrachee ...	No rain	River on 6th 7¼ feet against 7 feet on same date last year; fever in all talukas; 1 case small-pox in Sakro taluka; wheat, red rice, and *bajri* in Kurrachee 24, 36 and 41, in Kotri 30, 32 and 50, in Mirpur Botoro 23, 48 and 48, and in Sakro 16, 36 and 48 lbs. per rupee respectively.
Hyderabad ...	.....	*Kharif* reaping nearly completed; cotton picking in progress; *rabi* sowing continues; small-pox in Hyderabad; cattle-disease in two and fever in four talukas; wheat 25, *bajri* 44, *juari* 48, red rice 32, and white rice 22 lbs. per rupee.
Ahmedabad ...	.....	Sowing of wheat and gram continues, other crops doing well; fever in Dholka, Viramgaum, Gogo and Parantej; cattle-disease continues in Sanand; wheat 29 and *bajri* 34 lbs. per rupee.
Baroda ...	.....	*Kharif* harvesting and *rabi* sowings continue; cholera re-appeared in Amreli; cattle-disease in parts of Kari division; *bajri* 33 and common rice 24½ lbs. per rupee.
Surat ...	.....	*Kharif* harvest progressing; *rabi* sowing commenced; standing crops healthy; *juari* 38½ lbs. and *nagli* 60 lbs. per rupee.
Násik ...	.....	Locusts disappearing except in Dangi villages; *bajri* nearly all reaped; much *rabi* sown and doing well, but retarded in eastern parts; health good; fever in west of Násik taluka; wheat 22, *juari* 44, *bajri* 36, and rice 26 lbs. per rupee.
Colaba (Bombay) ...	.....	Average abnormal temperature 2° cool; vapour in air in defect of normal, except on 3rd when it was in excess of normal; wind normal.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Bombay—*contd.*		
Poona ...	.....	Reaping of *kharif* and sowing of *rabi* crops nearly completed; locusts beginning to move off; damage considerable in western districts, slight in centre, east untouched; *bajri* 47 and *juari* 61 lbs. per rupee; in Poona *bajri* 43 and *juari* 52 lbs. per rupee.
Ahmednagar ...	.....	Rain urgently wanted; reaping of *bajri* approaching completion; sowing of *rabi* completed; locusts gradually disappearing; cholera continues in Karjat; *bajri*—maximum 66 lbs. per rupee in Jamkhed, minimum 45 lbs. per rupee in Kopergaon; *juari*—maximum 96 lbs. per rupee in Jamkhed, minimum 45 lbs. per rupee in Sangamner.
Sholapur ...	.....	Rain wanted; *bajri* 60 lbs. 22 tolas and *juari* 80 lbs. 27 tolas per rupee.
Dharwar ...	No rain	Weather cloudy; harvesting of early rice, *bajri*, and *juari*, in progress; sowing of gram, wheat, and other *rabi* crops finished in some parts and progressing in others; sugarcane damaged by too much rain; cotton and other crops good; foot-and-mouth disease among cattle in three talukas; general health good; prices as before.
Kanara ...	.....	Rice harvest completed in Karwar taluka, continues in other talukas; sugarcane and garden produce thriving; slight small-pox in Sidapur; fever in two talukas; common rice at Karwar 11 seers, in district average 13½ seers per rupee.
Rajkot ...	.....	Nights cool; general health fair; slight cholera in Nawanagar, Junagad, Gondal, and Dhrol talukas; fever in Nawanagar, Dhrol, Gondal, Mengui, Bagasra, and Vasarad; *bajri* 28 and *juari* 35 lbs. per rupee.
		General Remarks.—Harvesting *kharif* and sowing *rabi* completed in some districts, in progress in the rest; rain urgently wanted for *rabi* in parts of Deccan and in Kaladgi; locusts leaving Násik and Ahmednagar and doing damage in Poona and Satara districts; fever and cattle-disease in some districts; slight cholera and small-pox in a few.
Bengal—(Nov. 8th)		
Chittagong ...	1·3	Weather cloudy with occasional rain, unfavourable to winter crops; prices steady; cattle-disease still prevails; general health good.
Dacca ...	·56	Harvesting of rice commenced; sowing of winter crops in progress.
24-Pergunnahs (Calcutta)	1·93	Prospects of late rice and sugarcane satisfactory; lands being prepared for winter crops; price of common rice stationary; general health good; isolated cases of cholera reported from some villages in Diamond Harbour sub-division.
Moorshedabad ...	·85	Prospects of crops favourable; sowing of winter crops commenced; fever prevails here and there.
Rajshahye ...	·53; Nattore, ·85	Prospects of crops favourable; fever general; cholera in Nattore sub-division.
Burdwan ...	3·28	Late rain has somewhat depressed prospect of a good *amun* crop; prospects of winter crops fair; public health pretty fair.
Rungpore ...	*Nil*	Weather seasonable; prospects of crops good; public health good.
Bhagálpur ...	*Nil*	Prospects of crops good; *rabi* sowings progressing.
Purneah ...	*Nil*	Prospects of crops fair; sowings of cold weather crops progressing; fever bad.
Patna ...	*Nil*	*Rabi* sowings going on; *rahar*, *juari*, and mustard growing splendidly; cutting of sugarcane continues; public health good.
Durbhunga ...	*Nil*	Rice prospects fair; *rabi* sowings progressing; prices stationary; public health middling; fever reported both from north and south.
Hazáribágh ...	*Nil*	Weather cloudy; cutting of upland rice going on; sowing of *rabi* crops continues; cattle-disease reported; public health good.
Cuttack ...	1·94	Late rice ripening; *rabi* crops doing well; public health good.
		General Remarks.—Rain fell in many districts during the week, it was not very considerable in any part and did little or no harm to the crops; *amun* rice and sugarcane generally doing well, but the latter crop will be short in several places owing to scanty rainfall in July and August; cultivation for *rabi* crops progressing favourably and the crops already sown are growing well; fever prevalent in several districts, particularly in Nuddea where deaths are said to be increasing; cases of cholera still reported from some districts.
N. W. Provinces and Oudh—		
Benares (Nov. 7th)	No rain	Weather seasonable; *rabi* sowings in progress; no sickness; prices steady.
Allahabad („ 8th)	No rain	*Rabi* prospects excellent; *kharif* crops being harvested; prices stationary; health good on the whole.
Gorakhpur („ 6th)	.....	Weather fine; *rabi* sowings in progress; late *kharif* promising; prices stationary.
Jhánsi („ „)	.....	*Rabi* sowings in progress; newly sown crops germinating; *kharif* harvesting continues; a fall of rain now would benefit the *rabi* crops greatly.
Agra („ 8th)	No rain	*Kharif* being harvested; *rabi* sowings continue; sugarcane being irrigated; fever abating; general health good; prices stationary.
Bareilly („ 7th)	.....	Prospects good; cholera ceased; fever still prevalent.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
N. W. Provinces and Oudh—*contd.*		
Meerut (Nov. 7th)	No rain	Health good; *kharif* harvest nearly over, outturn good; *rabi* sowings continue; markets well supplied; wheat and oil seeds exported to Calcutta; prices stationary.
Kumaun („ „)	No rain	Wheat mostly sown; general health good; cattle-disease continues; prices unchanged.
Lucknow („ „)	No rain	Outturn of *mash* poor; *kharif* harvest and *rabi* sowings in full swing; rain wanted for *do-fasli* lands; cholera dying out; fever prevalent.
Partabgarh („ „)	.....	Prices stationary; *moth* and *urd* being harvested; mornings cool; cholera continues in two tahsils; slight cattle-disease in Partabgarh tahsil.
Sitapur („ „)	No rain	Rain is much wanted in Sidhauli; *rabi* sowings not completed; cattle-disease decreasing; prices stationary.
Fyzabad („ „)	No rain	*Rabi* sowings going on; weather fine; fever and cattle-disease in part of tahsil Akbarpur.
Rae Bareli („ „)	.....	Weather seasonable; *rabi* sowings in progress; *juari* yield poor; fever and cholera still continue; markets well supplied; prices steady.
Cawnpore („ „)	No rain	*Rabi* sowings nearly completed; *kharif* outturn expected to be average; health good; prices nearly stationary.
Farukhabad („ „)	No rain	*Rabi* sowings nearly completed; prices steady; fever decreasing.
		General Remarks.—No rain; rain wanted in Lucknow and parts of Sitapur; *kharif* harvest and *rabi* sowings progressing; prices stationary; cholera continues in Rae Bareli and Partabgarh, but is disappearing elsewhere; cattle-disease continues in four districts.
Punjab—(Nov. 7th)		
Delhi ...	No rain	Health good; prices steady; average yield expected.
Hissar ...	No rain	Health good; prices stationary; harvest prospects unchanged.
Umballa ...	No rain	Health good; prices stationary; *rabi* sowings in progress.
Jullundur ...	No rain	Health good; prices stationary; average outturn of crops expected.
Amritsar ...	No rain	Health good; prices steady.
Lahore ...	No rain	Health good; prices steady; crop prospects good.
Ferozepore ...	No rain	Health good; prices steady; crop prospects good.
Sialkot ...	No rain	Health good; prices stationary; *rabi* sowings progressing.
Rawalpindi ...	No rain	Slight fever still prevails; prices steady; *rabi* sowings in progress
Peshawar ...	No rain	Fever prevalent; prices stationary; *kharif* crops being reaped.
Mooltan ...	No rain	Fever abating; prices of food-grains steady.
Dera Ismail Khan ...	No rain	Fever prevalent; prices steady; crop prospects good.
		General Remarks.—The health of the province generally good; slight fever still prevails in the Rawalpindi, Dera Ismail Khan, and Peshawar districts; the crop prospects are generally good.
Central Provinces—		
Nagpur (Nov. 8th)	·77	Weather clear and cool; *rabi* injured in some places for want of rain; fever prevalent; prices slightly risen.
Jubbulpore („ „)	.....	Weather seasonable; reaping of *kharif* crops and *rabi* sowings almost completed; rice 16 and wheat 18 seers per rupee.
Saugor („ 6th)	.....	*Rabi* sowings finished; young crops progressing favourably; fever prevalent; prices steady.
Seoni („ 7th)	.....	Weather cloudy; *kharif* reaping and *rabi* sowings approaching completion; fever prevalent; wheat and rice selling at 17½ seers per rupee.
Hoshangabad („ „)	.....	Weather seasonable; *rabi* sowings progressing; fever and small-pox prevalent; wheat 15 and rice 9 seers per rupee.
Raipur („ 4th)	1·19	Weather cloudy and rainy; *rabi* sowings going on; fever and cattle-disease prevalent; wheat 30 and rice 38 seers per rupee.
Sambalpur („ 2nd)	·65	Weather close and warm; fever increasing; rice 56 seers per rupee.
Khandwa („ 7th)	.....	Days warm, nights cold; *rabi* sowings continue; cholera and small-pox prevalent; prices steady; rice 13 and wheat 16 seers per rupee.
		General Remarks.—Slight rain in some districts; weather clear and pleasant; *rabi* sowings approaching completion; reaping of *kharif* crops going on; fever still reported; prices steady.
British Burma—(Nov. 4th)		
Akyab ...	0·68	Total rainfall 199·46; public health and health of cattle both in town and district good.
Rangoon ...	0·77	Total rainfall 101·46; one death from cholera, otherwise public health good; crops making progress.
Bassein ...	3·33	Total rainfall 124·46; public health good; slight cattle-disease in two townships; condition of crops good.
Prome ...	0·95	Total rainfall 50·05; one case of cholera in town, otherwise public health good; crops progressing well, although but a slight yield is expected; several showers last week have been most beneficial; reaping of *koukyan* paddy commenced.
Amherst (Moulmein) ...	3·42	Total rainfall 202·90; four deaths from cholera reported from district, otherwise public health good both in Moulmein and district; no cattle-disease; crops ripening and in good condition.
Toungoo ...	2·66	Total rainfall 9·85; eight deaths from cholera and one death from small-pox in the district.
		General Remarks.—Public health generally good; a few cases of cholera in Kyoukphyoo, Tavoy, Henzada and Tounghoo; crop prospects good; rains nearly over.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Assam—		
Gauhati (Nov. 8th)	No rain	Weather seasonable; mornings foggy; prospects of crops and public health good.
Sylhet („ „)	0·03	*Sali* paddy not likely to be a full crop; *amun* paddy promises well; cholera increasing.
Cachar („ „)	·65	Weather cloudy and still unseasonably warm; prospects of *sali* crop good; common rice 25¾ seers per rupee; two cases of cholera reported from Katigora.
Dibrugarh („ „)	*Nil*	Weather seasonable; prospects of crops good; cattle-disease decreasing; public health good.
Mysore and Coorg— (Nov. 8th)		
Bangalore ...	3·96	Crops in good condition; *ragi* harvested in parts; prospects favourable; pasturage ample.
Mysore ...	·74	Wet and dry crops in good condition; prospects and public health good.
Mercara ...	·44	The heavy showers are injurious to the rice crop coming into flower; *ragi* harvest over in Naujarajapatna and is proceeding in Yeluvershime, yield short; prices falling owing to good prospects in Mysore; season feverish. *General Remarks.*—Reports in regard to crops, prospects of season, and public health are favourable from all parts: agricultural operations continue active; prices easy—rice 11 to 15 seers and *ragi* 35 to 40 seers per rupee.
Berar & Hyderabad— (Nov. 8th)		
Amráoti ...	.....	*Kharif* crops in good condition; *rabi* sowings completed; rain wanted; prices—wheat 16 and *juari* 28 seers per rupee.
Akola ...	.....	Crops progressing favourably; *rabi* sowings continue.
Hyderabad ...	·28	Total rainfall from 1st January 30·31; reaping of *kharif* and sowing of *tabi* in progress; cattle-disease prevails in two taluks; no sickness; prices—wheat 16¾, common rice 11, white *juari* 28¼, yellow *juari* 33¼, and *tur* 25½ seers per current sicca rupee.
Central India States— (Nov. 8th)		
Indore ...	.....	Weather seasonable; health good; prospects of crops good; prices steady.
Morar (Gwalior) ...	No rain	Health and prospects good; weather seasonable.
Sutna ...	No rain	Health and prospects good.
Rutlam ...	.....	No report received.
Neemuch ...	No rain	*Kharif* harvest has been good; *rabi* being sown; health good.
Goona ...	.....	Crops good; health fair; wheat 22 seers per rupee.
Bhopal ...	.....	Weather cool; health and prospects good.
Agar ...	No rain	Prospects good.
Nowgong ...	No rain	Prospects and health good; prices steady.
Manpur ...	.....	Sowing of *rabi* crop continues; *juari* nearly ripe; prices stationary.
Rajputana—		
Abu (Nov. 8th)	.....	Weather clear, cold set in; ague and fever prevail.
Sirohi („ 5th)	.....	Tanks, wells, and health good; crops cut; nights cold.
Marwar („ 3rd)	.....	About two months' water in tanks, wells most full; some fever prevails; crops being cut; days quite clear and nights still close, little wind; prices stationary.
Meywar ...	.....	No report received.
Harowti (Nov. 4th)	.....	*Kharif* crops being harvested; *rabi* sowings still unfinished; weather seasonable; health good.
Jhallawar („ 1st)	.....	Health and prospects continue good; weather seasonable.
Ajmere („ 7th)	.....	*Kharif* crops reaped; *rabi* sowings progressing; health good.
Jeypore ...	.....	No report received.
Bhurtpore (Nov. 7th)	.....	Prospects favourable; prices stationary; fever prevalent.
Ulwur („ „)	.....	*Rabi* sowing continues; *kharif* being harvested; health fair.
Nepal (Nov. 2nd)—		
Katmandu ...	No rain	State of agricultural prospects good; beautiful weather.

ABSTRACT SHOWING THE RESULT OF EMIGRATION FROM THE PORT OF CALCUTTA DURING THE MONTH OF MAY 1882.

No. I.—As to age and sex.

[There was no emigration to the Colonies.]

No. II.—As to places whence emigrants come to Calcutta for embarkation.

[There was no emigration to the Colonies.]

No. III.—As to caste and religion.

[There was no emigration to the Colonies.]

ABSTRACT SHOWING THE RESULT OF EMIGRATION FROM THE PORT OF CALCUTTA DURING THE MONTH OF JUNE 1882.

No. I.—As to age and sex.

	Fiji.				Natal.				Total.		Grand Total.	Remarks.
	Males.	Females.	Total.	Proportion of women to men.	Males.	Females.	Total.	Proportion of women to men.	Males.	Females.		
Under 2 years ...	8	8	16	4276 women to every 100 men.	5	6	11	3483 women to every 100 men.	13	14	27	
From 2 to 10 years ...	21	10	31		12	5	17		33	15	48	
„ 10 „ 20 „ ...	99	47	146		81	26	107		180	73	253	
„ 20 „ 30 „ ...	203	81	284		180	62	242		383	143	526	
„ 30 „ 40 „ ...	9	5	14		6	3	9		15	8	23	
„ 40 „ 50 „ ...	...	...	...		...	2	2		...	2	2	
Above 50 „ ...	...	...	...		...	...	...		...	...	...	
Grand Total ...	340	151	491	...	284	104	388	...	624	255	879	

No. II.—As to places whence emigrants come to Calcutta for embarkation.

	Fiji.			Natal.			Total.		Grand Total.	Remarks.
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.		
Orissa	...	...	...	...	...	...	...	...	...	
Western Bengal	...	1	1	...	...	...	...	1	1	
Central „	...	...	...	...	...	...	...	...	...	
Eastern „	...	...	...	...	...	...	...	...	...	
Behar	5	2	7	44	22	66	49	24	73	
North-Western Provinces ...	161	76	237	153	60	213	314	136	450	
Oudh	109	61	170	66	20	86	175	81	256	
Central India	14	8	22	11	1	12	25	9	34	
Punjab	48	3	51	6	1	7	54	4	58	
Nepal	2	...	2	1	...	1	3	...	3	
Mixed, Madras and Bombay, &c. ...	1	...	1	3	...	3	4	...	4	
Grand Total ...	340	151	491	284	104	388	624	255	879	

No. III.—As to caste and religion.

	Fiji.			Natal.			Total.		Grand Total.	Remarks.
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.		
Brahmins, high caste	90	26	116	52	18	70	142	44	186	
Agriculturist (Hindus) ...	72	31	103	83	20	103	155	51	206	
Artisans (Hindus) ...	7	2	9	14	2	16	21	4	25	
Low castes (Hindus) ...	119	50	169	73	33	106	192	83	275	
Musulmans	52	42	94	62	31	93	114	73	187	
Christians	...	...	...	...	...	...	...	...	...	
Grand Total ...	340	151	491	284	104	388	624	255	879	

Memo.

	Male.	Female.	Total.
1. Hindus	510	182	692
2. Musulmans	114	73	187
3. Christians	...	...	...
Total ...	624	255	879

CULTIVATION OF THE JAPAN PEA IN INDIA.

No. 63*A*.

Extract from the Proceedings of the Government of India in the Revenue and Agricultural Department, dated Simla, the 2nd November 1882.

Read the following papers regarding the Japan pea :—

Extract from the Proceedings of a Meeting of the Agricultural and Horticultural Society of India held on the 2nd September 1881.

JAPAN PEA.

Read a letter from Captain J. F. Pogson, forwarding an extract from an American paper (*Mississippi Patron*) respecting a prolific pea raised in Japan, and suggesting that steps be taken towards obtaining a quantity of this variety for trial in India, which was agreed to.

The following is the extract alluded to :—

"Mr. T. E. Martin and Mr. R. T. Rutledge, both American progressive farmers, state that the "Japan Pea" is the most productive as well as good food that they have ever grown for all kinds of stock; horses, cattle, sheep, and hogs will eat the peas, stems, and leaves, if harvested before fully matured and cured like other hay, with as much relish as they do corn. Then there is no pea for the table—it is soaked in water the night before cooking—that has a more exquisite flavour. They grow on a stout bushy stalk from two to three feet high, somewhat resembling the cotton plant. The main stalk, as well as the branches of the limbs, are literally loaded with small pea-pods, filled with little yellow peas, similar in colour, size, and flavour to the English garden pea."

As regards cultivation, they state: "But the way to get the greatest yield is to plant in hills two and a half feet each way, allowing but one stalk to the hill to remain after the first working. That will give you 6,960 stalks to the acre, and on ordinary land, cultivated the same as corn, will average at the lowest estimate a pint of shelled peas to the stalk, or a fraction over 108¾ bushels per acre. I doubt not that with high cultivation and good soil it would be an easy matter to double that yield, besides there is no other crop that will yield more hay to the acre. In fact, I know of no crop so remunerative as the Japan pea. It is a sure cropper, as clearly demonstrated by my experience with this season's crop. Neither wet nor dry weather materially interferes with the quantity or quality of the yield."

Paper on the Soy Bean by Edward Kinch, F.I.E., F.C.S., &c., Professor of Chemistry, Royal Agricultural College, Cirencester.

THE SOY BEAN.

This bean, sometimes known as the Japan pea and China bean, is the seed of the *Soja hispida*, Miquel—(*Glycine hispida*, Moench; *Dolichos Soja*, Linne; Siebold; *Glycine Soja*, Jaquin)—a plant of the natural order Leguminosæ, sub-order Papilionacæ, and tribe, Phaseolæ. Its natural habitat appears to be China and Japan; it also grows in Mongolia, and in India in the Himalayas, and within the last few years it has been cultivated experimentally in several European countries. This bean is worth more than a passing notice, as it is the vegetable which approaches most nearly in its proximate chemical composition to animal food. This will be seen later on.

There are a great number of varieties of the soy bean known, which differ to some extent in the shape, size, and especially in the colour of the seed, and in a few minor particulars, but which seem to vary comparatively little in chemical composition. Dr. C. O. Harz has classified the principal varieties as follows :—

Group I.	*S. hispida platycarpa.*	
(1)		*olivacea.*
(2)		*punctata.*
(3)		*melanosperma.*
(a)		*vulgans.*
(b)		*nigra.*
(c)		*renisperma.*
(d)		*rubro-cincta.*
(4)		*platysperma.*
(5)		*pervula.*
Group II.	*S. hispida tumida.*	
(6)		*pallida* (Roxburgh).
(7)		*castanea.*
(8)		*atrisperma.*

These names sufficiently indicate the nature of the variety as far as the seed is concerned.

The soy bean is extensively cultivated in the north of China, whence it is exported to the southern provinces; it is here pressed for the sake of its oil, and the residual cake largely used as food for man and beast, and also as a manure.

In Japan it is known by names signifying THE bean, and from it are made not only soy but a paste, known as *miso*, which is in constant request at nearly every meal, *tofu* or bean cheese, and other foods used to a less extent. This bean cheese is also well known in China, and is obtained by extracting the legumin from the beans with water and precipitating it with brine. An analysis of it is given below.

These foods are most valuable additions to the dietary of the Oriental nations, and especially of the Japanese, who use so little animal food; they tend to supply the deficiencies of the staple food, rice, in nitrogenous matter, fat, and also in mineral constituents.

The Buddhist priests, who are strictly forbidden the use of animal food, consume considerable quantities of these beans, principally in the form of *miso*.

The soy bean first attracted attention in Europe in the year 1873, when specimens from Japan, from China, and from India were shown at the Vienna International Exhibition. Dr. Forbes Watson, Reporter on the products of India, called attention to it in the catalogue of the exhibits of the India Museum. Since then numerous experiments have been made on the European continent on its growth, and also feeding experiments with the bean and its straw on different kinds of animals have been prosecuted. Such experiments have been carried on by Woolling and Wein at Munich; by Haberlandt, Lehman, Harz, Stahel, Zimmerman, Siewert, Wieske, and others at various stations in Germany, Austria, and Hungary; and experiments have also been made in France and in Italy.

The proximate chemical composition of some of the different varieties, grown in different places, is now given and compared with the composition of some other foods of vegetable and animal origin :—

Percentage composition of the soy bean.

	Pale Yellow.				Brown.	Round black.	Long black.
	Japan.	China.	Germany. &c.	India.			
Water	11·3	9·0	9·5	12·0	9·3	11·2	12·7
Nitrogenous matter ...	37·8	32·0	34·5	36·0	35·1	33·0	35·6
Fat	20·9	18·0	18·0	18·0	17·8	17·2	14·2
Carbohydrates ...	24·0	32·0	28·5	30·0	28·6	29·7	28·5
Fibre	2·2	4·0	4·5		4·5	4·2	4·4
Ash	3·8	5·0	5·0	4·0	4·7	4·7	4·4
	100·0	100·0	100·0	100·0	100·0	100·0	100·0

It has been shown by Levallois (*Comptes Rendus*) that the soy bean contains a special variety of sugar, in many of its properties resembling mellitose; this constitutes about ten per cent. of the soluble carbohydrates. Of the nitrogenous matters nearly all is in the form of albuminoids; a small quantity, about ·1 per cent., appears as a peptonelike body, and about ·1—·2 per cent. is non-albuminoid.

Percentage composition.

	Peas.	Beans.	Lupins.	Lentils.	Lean Beef.	Fat Mutton.
Water	14·0	14·8	12·2	12·5	72·0	53·0
Nitrogenous matter ...	23·0	24·0	28·3	25·0	19·0	12·0
Fat	1·7	1·6	5·0	1·8	4·0	32·0
Carbohydrates ...	53·8	49·5	36·4	54·6		
Fibre	5·0	7·0	14·1	3·6		
Ash	2·5	3·1	4·0	2·5	5·0	3·0
	100·0	100·0	100·0	100·0	100·0	100·0

These analyses show the greater richness of the soy beans in nitrogenous matter and in fat than the common bean and pea, and that, when the water is equalised, it more nearly approaches meat in proximate composition. The only leguminous seed, of common occurrence, which contains more oil than this bean, is the earth nut or ground nut *Arachis hypogæ*, which is now so largely cultivated abroad for its oil and its cake. In order to compare the soy bean straw with hay and with other straws of like nature, the following average analyses are given :—

	Meadow hay.	Bean straw.	Pea straw.	Lentil straw.	Soy bean straw.	Soy bean hulls.
Water	14·0	16·0	15·0	14·5	11·3	10·2
Nitrogenous matter	8·2	10·0	7·0	14·1	7·8	6·0
Fat	2·0	1·0	2·0	2·0	2·2	1·5
Carbohydrates	39·8	34·5	34·0	26·4	41·6	43·0
Fibre	30·0	34·0	38·0	36·6	24·9	31·0
Ash	6·0	4·5	4·0	6·4	12·2	8·3
	100·0	100·0	100·0	100·0	100·0	100·0

A special variety of the soja hispida is cultivated in some parts of Japan as a fodder crop, and cut just as the pods are fully formed. The hay made from this is much relished by horses, cattle, and sheep. A sample of a crop grown on the Imperial College of Agriculture Farm, Komaba Tokiyo, gave on analysis :—

Water	15·0
Nitrogenous matter	19·8
Fibre	35·9
Ash	6·8
Carbohydrates and fat	22·5
	100·0

It will be seen that this hay exceeds even lentil straw in the amount of nitrogenous matter it contains.

The following are means of various analyses made in Japan of food products obtained from the soy bean, and which are largely consumed there :—

Percentage composition.

	White *miso*.	Red *miso*.	Bean cheese.	Frozen bean cheese.
Water	50·7	50·4	89·0	18·7
Nitrogenous matter	5·7	10·0	5·0	48·5
Fat	24·4	18·9	3·4	28·5
Carbohydrates			2·1	2·6
Fibre	12·6	8·2		
Ash	6·6	12·5	·5	1·7
	100·0	100·0	100·0	100·0

The ash of the miso consists mainly of common salt which is added in the process of manufacture.

The ash of the soy bean was found, as a mean of several samples, to have the following percentage composition. The composition of that of the straw is also given :—

	Soy bean ash.	Straw ash.
Potash	44·5	15·4
Soda	1·1	2·2
Lime	5·6	44·2
Magnesia	9·1	15·4
Ferric oxide	·8	·8
Chlorine	·2	·2
Phosphorus pentoxide	32·7	9·4
Sulphur trioxide	6·0	6·4
Silica		5·5
	100·0	99·5

The crop takes from the soil a large amount of the valuable mineral constituents, phosphoric acid and potash, as well as a large amount of nitrogen.

The results of the German and Austrian experiments show that where the temperature is not too low, the results of the harvest as compared with that of ordinary beans or peas is exceedingly satisfactory.

The kinds most suited for cultivation there are the yellow, brown, round black, and long black varieties, *i.e.*, *pallida*, *castanea*, *atrosperma*, and *melamosperma*, especially the first three named. They require a vegetation time of about 150 days, during which the average temperature must be about 58°F. (14·3C.), and the sum of the heat (the average temperature multiplied by the number of days) about 2,100°C. They may be sown in the beginning of May, and harvested the end of September or even the beginning of October.

The seeds should not be sown deeply, not more than 1 to 1½ inches deep, and about 18 plants to the square yard may be left after weeding and thinning out. The plants grow to a small bush about 2½ feet high, and produce pods with two, three, and occasionally four or even five seeds. The most suitable soil is a peaty soil, or one containing a good deal of organic matter, and the next most favourable is a calcareous soil. Nitrate of soda has been found to be a good manure for the crop in Germany, and also potash salts, especially potassium sulphate. Ammonium sulphate did not give so good a return as the same amount of nitrogen in the form of nitrate; on soils poor in organic matter it would probably be better to supply the nitrogen in some organic combination, such as rape cake, shoddy, and the like. Phosphoric acid, especially as dicalcic phosphate, was a help on some soils.

Field experiments made by myself on this crop in Japan showed that wood ashes had a good effect, and that anything like an excess of nitrogen in the manure was very harmful to the yield of grain : in that country the plants are often sown on the dividing ridges between the plots of paddy and without any manure. The yield of seed and straw in the German experiments compares very favourably with that of beans and peas grown under the same conditions : from 2,000 to 3,000 lbs. of seed and 5,000 to 10,000 lbs. of straw per acre have been obtained.

Feeding experiments with the produce have been made with pigs, sheep, oxen, and milk cows, and with very good results. The bean is a most excellent addition to other foods, especially such as are deficient in nitrogenous matter and fat. The digestion co-efficients of the nitrogenous matters, of the fat, and of the total non-nitrogenous matter in the soy bean, and also in the cake left after its pressure for oil, closely approximate to 90 in each case. As a mean of two direct experiments with soy bean straw, the digestion co-efficients were found to be as follows : Nitrogenous matter 60·8, fat 62·2, fibre 33·6, and non-nitrogenous extractive matters 69·0. The huds are rather less digestible.

The albuminoid ratio in the beans is about 1 : 2·3, in the straw 1 : 8·1, in the huds about 1 : 20, and in the cake 1 : 1·3.

An analysis of the cake shows :—

Percentage composition.

Water	13·4
Nitrogenous matter	40·3
Fibre	5·5
Carbohydrates	28·1
Fat	7·5
Ash	5·2
	100·0

In good condition it would be a valuable addition to our feeding cakes, but it is too highly valued in the East to enable it to be imported to any extent at a profit.

The soy bean plant has considerable power of resisting unfavourable climatic influences as cold, drought, and wet; and appears to be particularly free from insect attacks, and indeed from all parasites; this last, if it continues, is by no means a slight advantage. The soy beans are eagerly bought by the natives of Southern Italy, an almost vegetarian race. That they are easily digested I can speak from experience, having frequently used them on my table cooked after the manner of haricots. Taking into account the great richness of these beans in valuable food constituents, their easy digestibility, the value of the straw, and the great probability of some variety being able to be acclimatized without great trouble, this *soja hispida* is worth consideration. The bean would form an exceedingly useful addition to the food of the poorer classes, as a substitute for a portion of the animal food which in the kitchens of the labouring classes is so wastefully cooked. One use it has already found, not altogether to be commended, *viz.*, after roasting, as an adulterant of, and substitute for, coffee.

We have procured seeds of several varieties direct from Japan, and of one variety from Germany, and these are now being cultivated in the Botanic Garden. They were sown rather late, and the month of June has not been favourable to their growth, but some of the varieties promise fairly.

No. 1853, dated 11th October 1882.

From—J. R. REID, Esq., Offg. Secy. to Govt., North-Western Provinces and Oudh,
To—The Secy. to the Govt. of India, Revenue and Agricultural Department.

In reply to your letter No. 119-A. and H., dated the 18th February last, I am directed to submit, for the information of His Excellency the Governor General in Council, a copy of the letter noted on the margin, containing a report on the cultivation of the Japan pea in the Mussoorie and Chajuri gardens.

From Superintendent, Botanical Gardens, North-Western Provinces and Oudh, No. 2406, dated 20th September.

No. 2406, dated Saharanpur, 20th September 1882.

From—J. F. DUTHIE, B.A., F.L.S., Superintendent, Government Botanical Gardens, North-Western Provinces and Oudh,
To—The Director, Department of Agriculture and Commerce, North-Western Provinces and Oudh.

In reply to your No. 1227A., dated 1st instant, I have the honour to forward a report received from the Native Overseer on the cultivation of the "Japan pea" at Mussoorie and Chajuri. This plant appears to be nothing more than an improved variety of a commonly cultivated hill pulse called "bhat" (glycine soja) or soy bean.

About three years ago I received seed of the same plant from the Director of the Oriental Museum in Vienna, together with high recommendations regarding its value as a source of food, an opinion borne out by the very large proportion of nitrogenous substances contained in the seed (see Baden-Powell's Punjab Products, Volume I, page 243).

Three pounds of seed were sent to the Overseer for sowing in both gardens.

At the Mussoorie garden one pound was sown on the 12th March last, and not a single seed germinated.

Cultivation at Chajuri.

Weight of seed	2 lbs.
Dates of sowing	28th February and 6th March 1882
Area of ground	36 feet × 12 feet.
Weight of manure	12 maunds.
Proportion of seed which germinated	About half.
Date on which the ripe seed was collected	25th July 1882.
Weight of seed produced	2 lbs. 12 oz.

OBSERVATIONS.—The Government of India desires that the cultivation of the Japan pea should be extended in this country, and in this view it is suggested that further experiments should be made in suitable places. A fresh supply of seed will be procured from Japan for distribution to such Local Governments and Administrations as may wish to try the experiment.

The Government of Madras.	The Chief Commissioner, British Burma.
„ Bombay.	„ Assam.
„ Bengal.	„ Ajmere.
„ North-Western Provinces and Oudh.	„ Coorg.
„ Punjab.	The Secretary for Berar to Resident at Hyderabad.
The Chief Commissioner, Central Provinces.	

ORDER.—Ordered, that a copy be forwarded to the Local Governments and Administrations noted in the margin for information.

Ordered also, that a copy be forwarded to the Honorary Secretary, Agricultural and Horticultural Society of India, with a request that the Government of India may be informed whether the Society would like to try any experiment with the Japan pea.

Ordered also, that a copy of the papers be published in the Supplement to the *Gazette of India*.

E. C. BUCK,
Secretary to the Government of India.

GOVERNMENT OF INDIA.

LEGISLATIVE DEPARTMENT.

THE CENTRAL PROVINCES LOCAL SELF-GOVERNMENT BILL.

No. 810, dated the 15th July, 1882.

From—D. FITZPATRICK, Esq., Secretary to the Government of India, Legislative Dept.,
To—The Chief Commissioner of the Central Provinces.

I AM directed to forward for your opinion, and that of all Commissioners and Deputy Commissioners in the Central Provinces, a provisional draft of a Bill to make better provision for local self-government in the Provinces under your administration.

2. The Bill was introduced as a Bill to provide for the levy of rates on land in the Central Provinces, and in that form it was seen and approved by you when you were in Calcutta.

Since that time the publication of the Government of India Resolution No. $\frac{17}{747-759}$, dated 18th May, 1882, on the subject of local self-government, has altered the aspect of the case. It has been necessary to revise the Bill to bring it into accordance with the main lines of the scheme laid down by Government.

As it is the first piece of legislation in which the views set forth in the abovenamed Resolution are embodied, more importance attaches to it than if it was a measure connected with the Central Provinces only. On this account it is thought expedient to subject the draft to your criticism before republishing it in the Gazette in ordinary course.

3. I am to observe that the Bill is in the form of a provisional draft, and that criticism should be directed to the substance of the measure rather than to the wording or form of the Bill.

4. Attention is particularly requested to the following points:—

(1) The formation of local administrative areas.
(2) The constitution of local administrative bodies.
(3) The relations of those bodies to each other.
(4) The conduct of business by them.
(5) Their duties.
(6) The control to be exercised over them by the executive officers and by the Local Government.
(7) The funds to be assigned to and placed under the control of the local administrative bodies.
(8) The power to be given to them of providing funds by additional taxation.
(9) The appropriation of local funds.
(10) The question of giving allowances to members of local bodies.

I am to take up these points in the order in which they are enumerated above.

5. *First*, as to the formation of the local administrative areas (section 3 of the draft). In accordance with the opinion of the Member in charge of the Bill, the village has been taken as the basis of the scheme, and the areas for administrative purposes are to be formed by aggregating the villages in circles, and the circles in groups. In forming the circles and groups, regard will be had to community of interests in such matters as roads, ferries, dispensaries, schools, and the like.

The Government of India wishes you to consider, not only whether this is the best system to adopt for the Central Provinces, but whether it is expedient to formulate it in the Act rather than to leave it to be provided for by rules.

The Member in charge of the Bill is strongly of opinion that, in the case of the Central Provinces, the basis of village-representation should be laid down by law. He considers that the only way in which vitality can be given to a scheme of self-government is by engrafting it on some living indigenous institution. The village is the natural unit in all Indian administration, and it is the only remaining seat of political life. He wishes this fact to be recognised and established in the law.

6. *Secondly*, the constitution of the local bodies (section 4) naturally follows the lines laid down in section 3. Each group of villages (which may or may not correspond to one of the revenue-subdivisions of a district) is to have its local Board. The representatives of the village-circles will form the chief element of the Board. The method of their election or appointment is left to rules to be framed by you (section 30). To them will be added members of the mercantile classes or professions, appointed or elected in such manner as may be prescribed by rule (section 30); and such persons, if any, as the Chief Commissioner may from time to time appoint. In this last class may be included such officials, or non-official persons, as the Chief Commissioner may think it necessary to add to the Board. It has not been thought necessary to make *ex officio* members. It may be that in some places the Board, constituted of classes (*a*) and (*b*), may be strong enough to walk alone; and in that case you need not exercise the power given to you under clause (*c*) of section 5. In other cases the representative Board may require strengthening, or influential men may have been left out, whose presence on the Board appears to you expedient. With the exception of the numerical limit placed on the number of nominated members,—a limit that is obviously necessary—it is intended to give the Local Administration as much discretion as possible.

The formation of the District Council is similar to that of the local Board, representatives of the larger areas—the groups—taking the place of representatives of circles.

Here, again, I am to ask you to consider, not only whether the scheme is suitable, but also whether you think it expedient to formulate it in the law.

7. *Thirdly*, as to the relations of local Boards to each other and to the District Council (sections 10 to 16). The normal constitution contemplated in the draft is that by which the local Boards shall be subordinated to the District Council. In a Province like that administered by you, this will perhaps be the necessary relation of the two bodies for some time to come. Section 14, however, provides for a case in which a local Board is capable and desirous of independent action. You will have the power to declare any Board independent, in which case, by clause (4), section 21, it will have complete control over its share of the District Fund.

Section 14 as drafted does not give the Chief Commissioner power to recall the independence thus given to a local Board. It may perhaps be necessary to give you this power.

Provision has been made in sections 15 and 16 for the joint action of several local Boards and of several District Councils for the prosecution of a common object.

In all these matters, the Government of India is desirous of leaving as much room as possible for the natural development of local varieties, which will arise from the teachings of experience and the differences in the condition and character of the people.

8. *Fourthly*, with regard to the conduct of business. Section 30 gives the Chief Commissioner power to make rules on the more important matters, while section 18 gives the Councils and Boards as much freedom as possible in managing their affairs, subject, however, to the rules framed by you. The appointment of a Chairman is regulated by the law (section 17). You will observe that the appointment is to be by election, subject to approval by you in the case of a District Council, and by the Commissioner in the case of a local Board.

On this point the Bill as at present framed leaves less discretion to the Local Government than was contemplated by the Resolution of 20th May last. Your criticism on these provisions is invited.

9. *Fifthly*, as to the duties of the Boards and Councils. Section 9 enumerates the matters which it appears expedient to place under the control and administration of these bodies. I am to ask that the list may be carefully examined, and that you will say if there are any matters which have been omitted or which ought to be more prominently mentioned, and if there are any included which it is expedient to leave out. You will observe that the matters which local bodies may administer and control (section 9) have been distinguished from those to which the District Fund may be devoted (clause (3), section 21).

10. *Sixthly*, the subject of control requires careful consideration. The intention of the draft is to guard against any undue interference on the part of the District Officers with the management by the local bodies of the business entrusted to them, while at the same time the authority of that officer, as the representative of the Executive Government, and his power to prevent mischief, is maintained. You will be able to say whether this intention has been sufficiently carried out by clause (5), section 22, as regards finance, and by sections 26 and 27 as regards general business. Sections 28 and 29 provide for cases of default or abuse of powers by local bodies, and give the Chief Commissioner ample powers of dealing with delinquent Councils or Boards. In England, analogous powers for the supersession of local administrative bodies are vested in the Local Government Board and the Education Department.

11. *Seventhly*, the heads of income which can be assigned to the District Fund are specified in section 21. The District Council should, as far as possible, be entrusted with the management of the sources from which this income is derived. This principle will not apply to the rates named in clause (*a*) of section 21, but it may apply to the heads of income mentioned in clauses (*b*) and (*c*). The management of pounds and ferries should certainly form part of the business of the local Boards, and the income from the pounds and ferries under the management of a Board or Council should belong to that Board or Council. Under the present law, the Chief Commissioner has the power to assign to each district from the provincial surplus accruing from these sources such sums as he may think fit. It should be considered whether any amendment of the law is necessary.

12. *Eighthly*, the very important question arises whether any, or what, powers should be taken of raising rates for local purposes. It is believed that the local bodies in the Central Provinces will have but scanty funds at their disposal, and that they will depend almost entirely on the supplies which you may from time to time assign to them from Provincial revenues. The Government of India is of opinion that, in order to give stability to local finance, these assignments should, as in the case of assignments to Provinces, be made for fixed periods of years.

If the proposed measure succeeds, the District Councils will, in all probability, feel the want of funds. Should this want be foreseen and provided for by the present Bill, or should legislation be deferred until the demand arises?

In the present Bombay and Madras District Committees Acts (Bombay Acts III, 1869, and II, 1871; Madras Act IV, 1871) certain powers of taxation are vested in the Government.

If any provision for raising funds is to be embodied in the present measure, it would probably take the shape of empowering the District Councils to suggest taxation, in forms and under limits to be laid down in the law, and of enabling the Government to act on such suggestions. For example, they might be allowed to suggest the establishment of tolls on highways maintained by them, or the imposition of market-dues necessary for the maintenance of market-places, and the like. The power of sanction would rest with the Government, and the form and limit of the toll or due would be laid down in the law.

I am to ask for your careful consideration of this matter.

13. *Ninthly*, you should consider how far it may be possible or expedient to limit and specify, more precisely than under the existing system, the purposes to which funds raised from a particular source or from a particular area may be appropriated. Under the Bill the District Fund may be applied towards all or any of the purposes mentioned in section 9 or in section 22 (3); but by section 30 (*d*) power is given to the Chief Commissioner to make rules as to the apportionment of the fund between general and special purposes, and the appropriation of funds raised in a particular area to purposes of that area. The principles on which such rules should be framed will require careful consideration.

14. *Tenthly*, the question has arisen whether any allowances should be given to the Members of local Boards and District Councils. In some cases the representatives of village-circles or groups will not be wealthy men, and it is important that they should not be deterred by unwillingness to incur the necessary expense from punctual attendance at all Board or Council meetings. The mukaddams or village-headmen will, it is understood, be remunerated by the village under the provisions of the Central Provinces Revenue Act, and it may not be necessary to give them any additional remuneration for attendance at the local Board. But those who are appointed to the District Council may have long distances to travel; and it may be just and expedient to pay them travelling allowance or a fee for each attendance at the Council.

At the next settlement of the land-revenue it may perhaps be possible to put the position of village-headman on a more substantial basis, and to follow the Panjáb practice of attaching some valued privileges to the post. Meanwhile, it must be understood that whatever charges it is proposed to incur for this purpose must be met from the District Fund. Your advice on this matter will be looked for.

15. In conclusion, I am to draw your attention to two matters. *First*, no definite position has been assigned to the Commissioner of the Division in the draft. It is difficult to give him any definite functions which ought not more properly to belong to the Deputy Commissioner. But it is to be understood that he will exercise the same authority and control over the Deputy Commissioner in the discharge by that officer of his duties under this Act as he exercises over him in other matters. *Secondly*, it is thought possible that the Act may be inapplicable to some of the wilder parts of the Central Provinces. Section 31, therefore, gives you the power to except from any of the provisions of the Act such districts or portions of districts as may be in your opinion unfit for self-government.

No. III.

THE CENTRAL PROVINCES LOCAL SELF-GOVERNMENT BILL, 1882.

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No. III.

Provisional draft of a Bill to make better provision for local self-government in the Central Provinces.

WHEREAS provision has been made by the Central Provinces Land-revenue Act, 1881, for the appointment of executive headmen, or mukaddams, for the several villages in the territories administered by the Chief Commissioner of the Central Provinces; and

Preamble.

Whereas provision has been made in the settlement-records of the districts in those territories for the levy of rates for the maintenance of roads, schools and the district post, and it is proposed that the Government shall, from time to time, assign certain sums, or the income accruing from certain sources, for expenditure on objects tending to promote the welfare and improvement of the inhabitants of each of those districts;

It is hereby enacted as follows:—

Preliminary.

1. This Act may be called the Central Provinces Local Self-government Act, 1882. It shall extend only to the territories for the time being administered by the Chief Commissioner of the Central Provinces; and it shall come into force on the day of 1882.

Short title. Local extent. Commencement.

2. "Assistant Commissioner" includes an Extra Assistant Commissioner in any district where there is no Assistant Commissioner.

Definitions.

"Financial year" means the year commencing on the first day of April.

"Rate-payer" means any person liable to pay any rate leviable for the maintenance of roads, schools or the district post under any settlement made before the passing of this Act.

"Village" includes any tract of land which, at the last settlement of that land, has been recognized as a village, or which the Chief Commissioner may, from time to time, declare to be a village for the purposes of the Central Provinces Land-revenue Act, 1881.

Formation of Local Administrative Areas.

3. *(1)* The Chief Commissioner shall, by order, for the purposes of the local self-government of each district, aggregate the several villages thereof in circles, and the circles in groups.

Aggregation of villages in circles and groups for purposes of local self-government.

(2) In forming the circles and groups regard shall be had to the community of interests for purposes of this Act between the several villages comprised in each circle, and between the several circles comprised in each group.

(3) There shall be excluded from the circles and groups formed under this section such portions of the district as are for the time being included in the limits of a military cantonment or of a town having a municipal committee.

(4) The Chief Commissioner may, from time to time, by order, vary any order made under this section.

Constitution of Local Administrative Bodies.

4. There shall be established a local board for each group of circles, and a district council for each district.

Establishment of local boards for groups and of district councils for districts.

5. The local board for a group of circles shall consist of—

Constitution of local board.

(*a*) representative members, one for each circle, being the headman of a village within that circle;

(*b*) representatives of mercantile classes or professions, resident within the area comprised in the group, and chosen by or on behalf of those classes or professions; and

(*c*) such person or persons, if any, not exceeding in number *one-third* of the board, as the Chief Commissioner may from time to time appoint.

6. The district council of a district shall consist of—

Constitution of district council.

(*a*) representatives of groups of circles within the district, one for each group, being a member of and selected by the local board for that group;

(*b*) representatives of mercantile classes or professions, resident within the district, and chosen by or on behalf of those classes or professions; and

(*c*) such person or persons, if any, not exceeding in number *one-third* of the council, as the Chief Commissioner may from time to time appoint.

7. *(1)* A person who has been convicted of an offence punishable with imprisonment, or has been made a bankrupt, shall be disqualified for being elected or appointed a member of a local board or district council.

Disqualification for being member of board or council.

(2) If a member of such a board or council is convicted of such an offence, or is made bankrupt, his office shall thereupon become vacant.

8. Every district council shall be a body corporate by the name of the district council of its district, and shall have perpetual succession and a common seal, with power to acquire and hold property, both moveable and immoveable, to transfer any moveable property, and, with the previous approval in writing of the Deputy Commissioner, any immoveable property, held by it, and to contract and to do all other things necessary for the purposes of its constitution.

Incorporation of district council.

Duties of District Councils and Local Boards.

9. The following matters shall, subject to such exceptions as the Chief Commissioner may, from time to time, make by order, be under the control and administration of the district council and of the local boards within the areas of their jurisdictions:—

Matters to be administered by board and council.

(*a*) The construction, repair and maintenance of roads and other means of communication.

(*b*) The construction and repair of school-houses, hospitals, dispensaries, lunatic asylums, markets, rest houses, saráís and other public buildings.

(*c*) The supply, storage and preservation from pollution of water for drinking and cooking purposes.

(*d*) The construction and repair of public wells and tanks, or water-works, and the supply of water therefrom.

(*e*) The planting and preservation of trees on public ground.

(*f*) The establishment and maintenance of relief-works in time of famine or scarcity.

(*g*) Any other local works or measures likely to promote the health, comfort or convenience of the public.

(*h*) The visiting and management of hospitals, dispensaries, markets and schools.

(*i*) The maintenance of any building or property vested under this Act in the district council.

Relations of Local Board to District Council.

10. A local board shall not incur expenses or undertake liabilities to any amount exceeding the limit imposed by the district council of its district.

Limits on expenditure of local board.

11. Every local board shall submit annually to the district council of its district a statement of the requirements, and an estimate of the probable expenditure, of the board for the coming financial year, and a report of its proceedings, and an account of its receipts and expenditure for the past financial year, and shall also submit to the council such other reports, if any, as the council may, from time to time, require.

Periodical reports, estimates and accounts by board to council.

12. A district council may, by a majority of *two-thirds* of its whole number, reverse or vary any resolution of a local board for an area within its district.

Power for council to reverse or vary resolution of board.

13. *(1)* If a local board makes default in performance of any duty imposed on it by or under this Act, the district council may, by order in writing, fix a period for the performance of the duty.

Power for council to provide for execution of works in default of board.

(2) If the duty is not performed within that period, the council may appoint some person to perform it, and may provide for the expenses of and incidental to its performance out of the funds appropriated to or for the purposes of the local board.

14. *(1)* The Chief Commissioner may, from time to time, by notification in the local official Gazette, declare any local board established under this Act to be an independent board.

Power to declare local boards independent.

(2) A local board so declared shall thereupon within its area have the powers and perform the duties of a district council under this Act, and shall cease to be under the control of the district council.

Joint Committees.

15. *(1)* A local board may, from time to time, concur with any other local board or boards for an area in the same district, in appointing, out of their respective bodies, joint committees for any purpose in which they are jointly interested, and in delegating to any such committee any power which might be exercised by either or any of the local boards, and in framing and modifying regulations as to the proceedings of any such joint committee.

Joint committee of two or more local boards.

(2) If any dispute arises between two or more local boards acting under this section, the decision thereon of the district council of their district shall be final.

16. *(1)* A district council may, from time to time, concur with any other district council or district councils, in appointing, out of their respective bodies, joint committees for any purpose in respect of which they are jointly interested, and in delegating to any such committee any power which might be exercised by any or either of the district councils, and in framing and modifying regulations as to the proceedings of any such joint committee.

Joint committee of two or more district councils.

(2) If any dispute arises between two or more district councils acting under this section, the decision thereon of the Chief Commissioner shall be final.

Conduct of Business.

17. *(1)* Every district council and local board shall, from time to time, elect one of its members to be chairman for one year at all meetings at which he is present.

Chairman.

(2) If the chairman so elected dies, resigns or becomes incapable of acting, the council or board shall elect another of its members to be chairman for the period during which the person so dying, resigning or becoming incapable would have been entitled to continue in office, and no longer.

(3) An election under the foregoing provisions of this section shall not be valid until it is approved, in the case of the chairman of a local board by the Commissioner of the division, and in the case of the chairman of a district council by the Chief Commissioner.

(4) If the chairman is absent from any meeting, the members present shall appoint one of their number to be chairman thereat.

18. *(1)* Every district council and local board may, from time to time, make regulations as to the time and place of its meetings, the conduct of proceedings at meetings, and the appointment, powers and proceedings of committees :

Regulations as to meetings and proceedings.

(2) Provided that every regulation made under this section must be consistent with this Act and with any rules made by the Chief Commissioner under this Act.

Officers and Servants.

19. *(1)* Every district council may employ and pay a clerk and such other officers and servants as may be necessary and proper for the efficient execution of its duties.

Employment of officers and servants.

(2) A local board may employ such officers and servants, if any, and may assign to them such reasonable remuneration, as the district council of its district thinks requisite and sufficient.

(3) In the case of an officer lent by the Government, the council or board may contribute to his pension and leave allowances in accordance with the rules for the time being in force.

(4) If, in the opinion of the Deputy Commissioner,

(*a*) the number of persons employed by a council or board under this section, or the remuneration assigned by the council or board to those persons, or to any particular person, is excessive, or

(*b*) any such person is unfit for his employment—

the council or board shall, on the requirement of the Deputy Commissioner, reduce the number or remuneration, or, as the case may be, dismiss the unfit person :

Provided that the council or board may appeal against any such requirement to the Chief Commissioner, whose decision shall be final.

Vesting of Property.

20. The Chief Commissioner may, from time to time, by notification in the official Gazette, direct that any property, moveable or immoveable, which is vested in Her Majesty and is situate in the Central Provinces, shall vest in any district council, and thereupon that property shall vest in that council for the purposes of this Act, subject to all debts, liabilities and obligations (if any) affecting that property.

Power to vest property in district council.

Finance.

21. *(1)* There shall be formed for each district a fund to be called the district fund, and there shall be placed to the credit thereof—

Constitution, custody and application of district fund.

(*a*) the net proceeds (after deducting the expenses of collection) of all rates levied under settlement-records in that district for the maintenance of roads, schools or the district post ;

(*b*) all sums assigned, from time to time, by the Chief Commissioner for expenditure on local works in that district, under section eighteen of the Cattle Trespass Act, 1871, section 5 of the Central Provinces Additional Rates Act, 1878, section seventeen of the Northern India Ferries Act, 1878, or any enactment amending any of those Acts ;

(*c*) all such rents and profits accruing from nazul property in that district as the Chief Commissioner may, from time to time, direct to be paid to the district council ;

(*d*) all sums contributed to the fund by the Government or private persons ; and

(*e*) all sums received by the district council, in the execution of this Act.

(2) The district fund shall be vested in the council and the balance standing to the credit of the fund shall be kept in the Government treasury of the district.

(3) The district fund shall be applied to payment, in whole or in part, of the charges and expenses incidental to the several matters specified in section nine and also to the following purposes :—

(*a*) the maintenance of the district post;

(*b*) the payment of school inspectors and normal school teachers appointed and controlled by Government and employed in the district, and the provision of scholarships and prizes for schools in the district ;

(*c*) the payment of subordinate medical officers appointed by Government and employed in the district ; and

(*d*) the expenses attending the audit of the accounts of the district council and of the local boards within the district.

(4) When a local board has been declared independent under section fourteen, such portion of the district fund as belongs to or accrues within the area under the board shall be set apart and placed at its disposal, and shall, for the purposes of this Act, be treated as a separate district fund.

Annual estimates of income and expenditure.

22. *(1)* Every district council shall appoint a finance committee consisting of not less than *three* of its number.

(2) Every district council shall, on or before the prescribed day in each year, hold a meeting at which the finance committee shall submit to the council an estimate of the income and expenditure of the council for the next financial year, in such form as the Chief Commissioner may, from time to time, by rule prescribe.

(3) The district council shall consider the estimate, and may provisionally approve of it with or without modification.

(4) The district council shall, on or before the prescribed day, cause copies of the estimate as provisionally approved by it to be sent to the Deputy Commissioner.

(5) If the Deputy Commissioner signifies in writing to the district council his disapproval of the estimate with respect to any proposed expenditure on salaries, works or otherwise, appearing to the Deputy Commissioner to be unnecessary or excessive, or with respect to any particular or particulars appearing to the Deputy Commissioner to be erroneous, defective or improper, the district council shall consider the matter and either modify the estimate or refer it through the Deputy Commissioner to the Chief Commissioner, whose decision shall be final.

(6) The district council shall, on or before the prescribed day in each year, hold a meeting for the purpose of further considering the estimate and any objections or suggestions which may have been made with respect thereto by the Deputy Commissioner or any other authority or person, and of finally approving the same with the modifications (if any) necessary under clause (5) of this section, and with any other modifications it may think expedient.

(7) "Prescribed day" for the purposes of this section means such day as the Chief Commissioner may, from time to time, by rule prescribe.

Annual accounts and audit.

23. Accounts of the receipts and expenditure of every district council shall be made up to the last day of every financial year in such form as the Chief Commissioner, from time to time, prescribes, and shall be examined and audited as soon as may be after the end of each financial year by such persons as the Chief Commissioner, from time to time, appoints in this behalf.

Inspection of estimates and accounts.

24. The district council shall cause a copy of every estimate provisionally or finally approved by it under this Act, and of every account made up under the last foregoing section, to be kept at their office ; and any rate-payer may at all reasonable times inspect any such estimate or account.

Publication of abstract of accounts.

25. An abstract of every annual account of a district council, showing the income of the district fund under each head of receipts, the charges for establishment, the works undertaken, the sums expended on each work, and the balance, if any, of the fund remaining unspent, shall be prepared by the district council in such form as the Chief Commissioner, from time to time, prescribes, and published annually in the English and Vernacular local official Gazettes.

Control.

Deputy Commissioner's power of supervision.

26. *(1)* The Deputy Commissioner of a district shall have power to supervise the proceedings of the district council and of every local board or joint committee for an area within the district, and in exercise of that power may (among other things)—

(*a*) enter on and inspect any immoveable property occupied by the council, board or committee, or any work in progress under its direction;

(*b*) call for and inspect any document in the possession or under the control of the council, board or committee for the purposes of this Act; and

(*c*) require the council, board or committee to furnish such statements, accounts and reports as he thinks fit.

(2) Where a joint committee is appointed by the district boards of several districts, the Deputy Commissioner of any of those districts may exercise a like power in respect of the proceedings of that committee; but if any difference arises between two or more Deputy Commissioners acting under this clause, it shall be referred to the Chief Commissioner, whose decision shall be final.

Power to suspend execution of orders, &c.

27. *(1)* If, in the opinion of the Deputy Commissioner, the execution of any order or resolution of a district council, local board or joint committee, or the doing of any act which is about to be done or is being done in pursuance of or under cover of this Act, is likely to cause injury or annoyance to the public, or to any class or body of persons, or to lead to a breach of the peace, he may, by order in writing, suspend the execution or prohibit the doing thereof within his district.

(2) When a Deputy Commissioner makes any order under this section, he shall forthwith forward to the Chief Commissioner, through the Commissioner, a copy of the order, with a statement of the reasons for making it, and it shall be in the discretion of the Chief Commissioner to rescind the order or to direct that it continue in force with or without modification, permanently or for such period as he thinks fit.

Power to provide for performance of duties in default of district council.

28. *(1)* When the Chief Commissioner is informed, on complaint made or otherwise, that a district council has made default in performing any duty imposed on it by or under this Act, the Chief Commissioner, if satisfied after due inquiry that the district council has been guilty of the alleged default, may, by an order in writing, fix a period for the performance of that duty.

(2) If that duty is not performed within the period so fixed, the Chief Commissioner may appoint some person to perform it, and may direct that the expense of performing it, with a reasonable remuneration to the person appointed to perform it, shall be forthwith paid by the district council.

(3) If the expense and remuneration are not so paid, the Chief Commissioner may issue a warrant directing the person having the custody of the balance of the district fund to pay the expense and remuneration, or as much thereof as is possible, from that balance.

Power to supersede council or board in case of default or of abuse of powers.

29. *(1)* If a district council or local board persistently makes default in performance of the duties imposed on it by or under this Act or otherwise by law, or exceeds or abuses its powers, the Chief Commissioner may, with the previous approval of the Governor General in Council, by an order published, with the reasons for making it, in the official Gazette, declare the council or board to be in default, or to have exceeded or abused its powers, and supersede it for a period to be specified in the order.

(2) When a district council or local board is so declared to be in default, or to have exceeded or abused its powers, the following consequences shall ensue:

(*a*) All members of the council or board shall, as from the date of the order, vacate their offices as such members.

(*b*) All powers and duties of the council or board may, during the period of supersession, be exercised and performed by such person or persons as the Chief Commissioner, from time to time, appoints in that behalf.

(*c*) All property vested in the council shall, during the period of super-session, vest in Her Majesty.

(*d*) On the expiration of the period specified in the order, the council or board shall be re-established by the appointment or election of new members.

Rules.

Power for Chief Commissioner to make rules as to district councils and local boards.

30. The Chief Commissioner may, from time to time, make, and alter, rules consistent with this Act—

(*a*) as to the qualifications, mode and time of election or appointment, term of office, and remuneration and allowances (if any) of members of district councils and local boards;

(*b*) as to the conduct of proceedings of district councils and local boards, including the fixing of a quorum, the formation of committees and the delegation of powers to such committees;

(*c*) as to the appointment and payment of auditors of the accounts of district councils and local boards;

(*d*) as to the apportionment of the district fund between the general purposes of the district and the purposes of particular parts of the district, and the appropriation of funds raised in a particular area to purposes of that area; and

(*e*) generally, for the guidance of district councils, local boards and Government officers in all matters connected with the administration of this Act.

Exceptional Provision.

Power under special circumstances to except districts from operation of Act.

31. If the circumstances of any district or part of a district are, in the opinion of the Chief Commissioner, such that any of the provisions of this Act are inapplicable thereto, he may, by order, except the district or part from the operation of those provisions, and thereupon those provisions shall not apply to the excepted district or part until applied thereto by a subsequent order of the Chief Commissioner.

Supplemental and Temporary Provisions.

Confirmation and recovery of existing rates.

32. *(1)* All rates for the maintenance of roads, schools or the district post, for the payment of which provision has been made in any settlement-record previous to the passing of this Act, shall be deemed to have been legally imposed, and shall be recoverable as if they were arrears of land-revenue payable directly to Government and due on the land in respect of which they are payable.

Account of receipts and charges to be kept by Deputy Commissioner.

(2) An account of the gross receipts and of the charges (if any) of collection of all such rates in each district shall be kept by the Deputy Commissioner of that district, and shall be annually rendered by him to the district council of that district.

Powers of Chief Commissioner with respect to rates.

33. The Chief Commissioner may, from time to time, by notification in the official Gazette,

(*a*) prescribe in what instalments, and at what times, the rates referred to in the last foregoing section shall be payable, and make rules for their collection by village-officers or others; and

(*b*) exempt any land from liability to pay the whole or any part of any such rate, and vary or cancel any such exemption.

Penalty on member, officer or servant being interested in contracts made with council, board or committee.

34. If any member, officer or servant of a district council, local board or joint committee appointed under this Act is directly or indirectly interested in any contract made with that council, board or committee, he shall be deemed to have committed an offence under the Indian Penal Code, section 168.

Publication of rules and orders.

35. All rules and orders made by the Chief Commissioner under this Act shall be published in the local official Gazette.

Time for councils and boards coming into existence.

36. The several district councils and local boards under this Act shall come into existence at such time as the Chief Commissioner, by order, appoints in that behalf.

Saving of rights of existing officers.

37. Nothing in, or done under, this Act shall prejudicially affect the rights of any officer appointed before the passing of this Act, as to tenure of office, salary or pension.

No. $\frac{371.2}{217}$, dated the 29th September, 1882.

From—L. FRASER, Esq., Offg. Secy. to the Chief Commissioner, Central Provinces,

To—The Secretary to the Government of India, Legislative Department.

I AM directed to acknowledge receipt of your letter No. 810, dated 15th July last, forwarding, for the opinion of the Chief Commissioner and of all Commissioners and Deputy Commissioners in this Province, a "provisional draft of a Bill to make better provision for local self-government in the Central Provinces." I am accordingly to forward copies of letters received from all Commissioners and Deputy Commissioners giving expression to their opinions on the Bill: these are grouped together according to the Revenue Divisions from which they have been written. The Deputy Commissioners of Nágpur, Hoshangábád and Narsinghpur have also been called on to work out on paper for their districts the scheme contemplated by the Bill. This has been done for these districts and for the district of Wardha; and a copy of all the papers bearing on this exemplification of the probable working of the proposed Act is also appended for the information of Government.

2. I am now to submit the following observations by the Chief Commissioner on the proposed Bill. In accordance with the direction contained in the third paragraph of your letter under reply, these remarks will deal with the substance of the measure rather than the wording or form of the Bill. In the first place, then, I am to say that the Chief Commissioner cordially accepts the principles on which this Bill is based, and heartily concurs in the desire of the Government of India to do all that can be done to extend self-government "as an instrument of political and popular education." This is a subject in which he has taken considerable interest in the past, although the sphere of operation has been very limited.

3. District fund committees have hitherto been little more than bodies of respectable native gentlemen with whom the Deputy Commissioner and other local officers might take counsel for the public good. They have been assembled at head-quarters and have not been in any way representative of the district generally; but their main use has been as exponents of Native opinion in regard to measures which the local officers have had under contemplation. With Municipal Committees the case has been very different. The system of appointment of members of these Committees by election has now been in operation for years: it is now the system generally followed. In many places it is, of course, more or less of a farce; but in some it is very far from being so. The members of some municipalities, duly elected by the people themselves, are distinctly representative: that is, they represent their constituents in ideas, caste and local interests. They are elected for this purpose; and they carry it out.

4. The position of member of Committee is now looked on as one of some importance: a curious illustration of this has only recently occurred, in the presentation to the Chief Commissioner of a numerously signed petition impugning the fairness of the election of a member for a ward in the city of Nágpur. Further, considerable interest in the work of the Committee has been evinced by its members in some municipalities. In the last Administration Report (1880-81) the Chief Commissioner was able to write (p. 61):—"The Divisional reports attest the existence in many municipalities of a keen interest which extends in some to the supervision of much executive work. The Nágpur divisional report is silent on this subject, but the district reports confirm the opinion already formed by the Chief Commissioner, that the elective body of Nágpur, Wárdha, and Hinganghát take a prominent part in municipal matters. The three municipalities of the Chhattísgarh Division are administered by Committees, the Native members of which understand and appreciate their share of power and responsi-

bility. This was specially illustrated during the year in the town of Bilaspur. In the Jabalpur division, the Committees which meet most regularly and exercise a real control over municipal expenditure are those of Jabalpur, Murwara, Seoni and Mandla. It is in certain municipalities of the Narbada Division that the zeal and energy of municipal elected members is most favourably mentioned. Thus in the Hárda Municipality each member has continued to perform special duties for which he is specially responsible, and conservancy and water-supply, education and public works, are mentioned as branches of municipal administration which have thus been especially supervised. In Hoshangábád and Burhanpur also this system of distribution of work exists."

5. A further step can now be recorded in the Hárda municipality: the duties of Secretary are performed by each member in turn in monthly rotation. This shows how experienced they have become in Municipal administration, and the real assistance that may be expected from men like them. Some time ago the Chief Commissioner expressed his desire to remove all officials from the membership of Municipal Committees wherever such a measure could be safely introduced at once. The Commissioner of the Narbada Division promptly recorded his opinion that the election by certain Committees of their own Presidents and Vice-Presidents, and the removal from them of the official element, would be a perfectly safe measure and attended with many advantages. The Commissioners of the Jabalpur and Chhattísgarh Divisions also expressed their belief that the measure might be tentatively introduced in certain municipalities with very good hope of its proving successful. The Commissioner of the Nágpur Division did not report so favourably on the subject; but the Chief Commissioner believes that the measure may be tried in a few of the municipalities of that division also. He is having the experiment tried in selected municipalities throughout the province.

6. All this is mentioned here not only to show that some measures have been already adopted in a comparatively small way to educate the people in self-government, and to inculcate a spirit of self-reliance among them, but also to show that these measures have been very fairly successful. The success that has been achieved in this comparatively narrow sphere goes very far, in the opinion of the Chief Commissioner, to show that much of the pessimist opposition to the far more extensive and bolder policy now inaugurated is founded on prejudice, and on ignorance of the capacity of the Natives of this country to meet responsibility when they find that it really rests upon them. The Chief Commissioner admits freely that in few, if any, parts of this Province will self-government be introduced without the possibility of very serious blunders at first, and the necessity for anxious watchfulness for some time to come; but he is strongly of opinion that there is little or no advantage in delaying the initiation of this policy. Let such a system as is sketched in the Bill be introduced prudently and gradually; let its operation be anxiously watched but not unduly interfered with; let the spirit of self-reliance and self-respect be carefully fostered,—and the Chief Commissioner is convinced, from such experiences as are recorded above, that this policy will prove an efficient "instrument of political and popular education." To delay the initiation of a policy of education is only to prolong the period of incapacity.

7. Turning now to the consideration of the Bill itself, I am to devote special attention to the points enumerated in the fourth paragraph of your letter under reply. *First*, then, as to the formation of the local administrative areas, the Chief Commissioner is of opinion that the village should be taken as the basis of the scheme, and that this fact should be clearly laid down by law. The executive headman, or mukaddam, resident as he must be (section 137 of the Central Provinces Land-revenue Act, 1881) in the village, may not always be in full accord with all the raiyats, but is undoubtedly as a rule the best representative of the village interests: he is therefore best fitted to give his vote for, or serve as, a member of the Local Board. And the principle that every village should be more or less directly represented is one which forms so much the essence of the policy now projected, that it should, in the Chief Commissioner's opinion, find its place in the law which enunciates that policy.

In respect to the formation of circles and groups, the Chief Commissioner holds undoubtedly that regard should be had (section 3, clause 2) "to the community of interest for purposes of this Act between the several villages

comprised in them"; but he is doubtful of the expediency of laying this down in the law. It is enough to prescribe (as is done in section 3, clause 1) that the Chief Commissioner shall form these circles and groups: it is clear that he must do this on some principle; and the principle suggested in the draft Bill is the principle he would undoubtedly follow, as far as possible. There is no real advantage, therefore, in prescribing it, and it might lead to complications and unnecessary difficulties. The formation of the circles and groups by the Deputy Commissioners of Hoshangábád and Nágpur in the schemes appended to this letter has been conducted, in the case of the former district, by adopting the old sub-divisions wherever possible, and in the case of the latter, by adopting the present police circles. In both cases, divisions already well known to the people, and originally made from considerations of community of interest and of administrative expediency, have been rightly adopted. But cavilling objection might no doubt easily be taken in the case of individual villages to their inclusion within the limits of any particular circle or group. It is well, the Chief Commissioner thinks, to formulate the principles and character of the system projected, but not to tie the hands of local officers too tightly in regard to the working out of details.

9. *Secondly*, the Chief Commissioner considers that the provisions regarding the constitution of the local administrative bodies, contained in the proposed Bill, are suitable, and that they should be formulated in the law. He considers that the chief element of the Local Board should be the representatives of the village circles; that the mercantile classes should also be represented, and that, when and so long as there is need, a small proportion of the members should be appointed by the Chief Commissioner himself. He considers that all this should be laid down in the law; but that details regarding the method of the election and appointment of members should be left to the rules to be framed under the law. For his own part, the Chief Commissioner believes very strongly in the possibility of educating the people up to a full appreciation and a ready exercise of the privilege of election. In most parts of the Province, indifference must be expected for some time to come; but the progress that the system of popular election has made in some municipal towns shows that this indifference would soon yield before patient and earnest efforts to foster a spirit of self-reliance and self-help.

10. *Thirdly*, the relations of Local Boards to each other and to the District Council fall to be considered. The subordination of the Local Boards to the District Council is rightly the normal constitution contemplated by the draft Bill; and the Chief Commissioner believes that the case would very rarely indeed occur, when it would be expedient to exercise the powers conferred on him by section 14, and declare a Local Board independent of the Council. The Chief Commissioner, however, is of opinion that the functions of the District Council should mainly consist in deliberation and control, and that executive functions should chiefly belong to the Local Boards. If both have executive functions there may be friction; and the very constitution of the District Council renders it rather an unsuitable executive body. It would tend to the further extension of the scheme of self-government, and to the further development of those qualities which it is meant to foster, were executive functions mainly to belong to the Local Boards. Besides this, if the District Council had simply to deliberate on broad questions of income and expenditure, to initiate schemes for the public advantage, to exercise general supervision and control over the work of the Local Boards, and to perform other duties of a similar character, its meetings would not require to be very frequent; and there might be some hope of their being fairly well attended by members from a distance. The Chief Commissioner would suggest for consideration how far this view of the matter might be embodied in the proposed legislation. It seems anomalous that the subordinate Boards should have no possible relation to the District Council, except either complete subordination within the same sphere of executive duties or complete independence. The Chief Commissioner would rather see the Local Boards realising full responsibility to the District Council but exercising full independence in regard to executive details. I am to add that the Chief Commissioner considers that it is quite necessary to confer on him the power of withdrawing the independence granted by him to any Local Board under section 14.

11. *Fourthly*, with regard to the conduct of business, the provisions of the Bill have the Chief Commissioner's approval. Perhaps the most important points in connection with this part of the subject is the appointment of chairman to any of these local bodies. This is to be made by election. All the part in the matter to be taken by Government is that the approval of the Commissioner is required in the case of the Local Board, and that of the Chief Commissioner in the case of a District Council, to give validity to such an election. The Chief Commissioner desires no further discretion. There can be little doubt that when a high official sits as member in any of those local bodies, it is fitting that he should preside; but there can be equally little doubt that so long as that body is weak enough to require his presence, it will desire that he should preside. And the normal state of matters ought to be that the members should themselves choose the gentlemen who is to preside over their deliberations. All that the Chief Commissioner would desire is the power in case of necessity to veto any unworthy or unwise appointment: this is reserved to him in the Bill as drafted. I am here to say also that the Chief Commissioner thinks that the Bill rightly gives to him, and not to an officer of inferior position, the power to approve of the appointment of a chairman of the District Council; for it will add dignity to that appointment to have its approval notified in the Local Gazette.

12. *Fifthly*, the Chief Commissioner has nothing to add to the list of duties to be performed by these local bodies. He would observe, however, that the management of pounds and ferries is mentioned in the eleventh paragraph of your letter under reply as a matter which "should certainly form part of the business of the Local Boards." But it is not mentioned in section 9 of the Act. The Chief Commissioner would certainly include this among the duties of the Boards. There are several other duties which he thinks they may often show themselves most capable of performing, and which are indicated in the letters of some Deputy Commissioners; but the performance of these it will be best to request as a favour from the local bodies fit to perform them than to prescribe by legal enactment for all.

13. *Sixthly*, the subject of control has received careful consideration from the Chief Commissioner; and he is perfectly satisfied with the provisions of the draft Bill. The object being, as it is, to foster self-reliance and self-help, constant interference and dictation must be deprecated. The power to be reserved is that of general supervision and of occasional check: this is done in the sections of the Bill bearing on the subject.

Under the power vested in him in section 5 (*c*), the Chief Commissioner might appoint officials to be members of the local bodies so long as their presence there was necessary. But the object to be kept in view is to separate completely between the functions of district officers and those of the local bodies; and as soon as any local body showed capacity for independence the official element would be removed. Assistance would no doubt always be given in the way of unofficial advice and suggestions to members of the local bodies, so as to enable them to perform their duties more successfully and efficiently. But the sooner official interference is limited in the manner indicated in the Bill, the better. Even at the first, it would probably be found necessary in very few cases indeed to have the Deputy Commissioner a member of the Board or Council. His subordinates might necessarily at first be there; but his own influence might be exercised from without, in the manner contemplated by the Bill, from the very outset. Under no other plan would the powers and responsibilities of these bodies be real. The plan thus formulated in the Bill commends itself to the Chief Commissioner as enabling Government to exercise all necessary control.

14. *Seventhly*, the heads of income assigned to the District Fund under section 21 are explicit and full enough, except that there is no clear provision under clause 1 (*d*) for voluntary grants from Municipalities. Such grants are pretty frequently made with very good cause to the District Funds to assist in the execution of works in which the Municipality is interested. There are small funds not mentioned in this section, but indicated by some Deputy Commissioners in their letters hereto appended, which might be made over to District Funds. But these would be better made over by the Local Government on its own motion; and this is provided for by clause 1 (*d*). All that it is necessary to enact by law in this respect seems to the Chief Commissioner to be included in section 21 of the Bill.

15. *Eighthly*, the very important question, whether any, or what, powers should be taken of raising rates for local purposes, now falls to be considered. The Chief Commissioner admits at once that one of the greatest difficulties in the way of making this measure a practical success is the want of funds. This is shown in the reports of the Deputy Commissioners of Hoshangábád and Nágpur on the manner in which the scheme contained in the Bill would be applied to their districts. The funds properly belonging to any one district would hardly stand division among several Local Boards; but these funds would of course be considerably supplemented by grants from Provincial Revenues and from other sources. Still the want of funds would be felt as soon as work was earnestly taken up. The necessity for raising increased funds would pretty soon become apparent; and the propriety of allowing the District Council to raise funds, or at all events to point out the need and suggest the means of meeting it by taxation as is now done by municipalities, seems to the Chief Commissioner unquestionable. But he would not advocate any provisions being contained in the present Bill for this purpose. At the outset, such provisions might be viewed with suspicion; and the whole scheme might only be regarded as an elaborate attempt to increase taxation without attracting much attention. It would be better to wait until the scheme had vindicated itself a little, and until the need for increased taxation was felt. The introduction of such provisions then would not only not throw odium on the scheme of self-government, but might even tend to popularize taxation.

16. *Ninthly*, the appropriation of funds to special works or to the requirements of certain local areas would best be regulated by rules to be framed under section 30. It is difficult to formulate in the law principles which would sufficiently regulate this appropriation without too much limiting discretion in individual cases. The general principle would be, in the Chief Commissioner's opinion, that money raised within any local area ought ordinarily to be expended within that area by the body vested with local control. But the charges incurred in the performance of the duties of the District Council would have to be met from the general funds of the district; and the execution of works affecting the district as a whole, or more than one sub-division, would necessitate power to allocate funds within certain limits being vested in the District Council. It would probably be found enough to provide generally in the Bill that funds could not be diverted from the control of the Local Board within whose area they were collected without the sanction of the Chief Commissioner, all details being left to the rules. It is doubtful whether even this provision is required.

17. *Tenthly*, the question of the grant of allowances to members of Local Boards and District Councils has been raised. The Chief Commissioner is of opinion that it would be well to remunerate them, (1) because it would tend to make the office of member more popular, and (2) because it would establish a claim on the energetic services of the members which they would thoroughly understand.

The Chief Commissioner does not think that the remuneration granted to mukaddams under the Central Provinces Revenue Act, 1881, should be held to cover the performance of the duties of member of a Local Board also. For these are special duties. A small remuneration, in the coveted form perhaps of a remission of revenue on a limited portion of his *sír*-land, or of the land in his cultivation, might be made to any mukaddam serving on a Local Board. The Chief Commissioner believes that it is proposed to give honorary titles to members of the District Council: this would be sufficient remuneration in their case, and it might perhaps be confined to the Chairman and Vice-Chairman. But the Chief Commissioner would propose that power should also be given to him to include in the rules framed under section 30 a rule to provide for the payment by the District Council of travelling allowance at certain rates to any member coming from a distance who should apply for it.

18. In concluding your letter under reply, you refer the Chief Commissioner to two points. "*First*, no definite position has been assigned to the

Commissioner of Division in the draft." The Chief Commissioner concurs with your observations regarding the difficulty of giving that officer any definite functions, but does not think it well to leave his position to be settled on the basis of a vague understanding. The fact that certain functions are expressly given to the Commissioner in the Bill, (*e.g.*) section 17 (3), will probably be held by implication to exclude him from the performance of others, unless they also are provided for. It might be enough to enact that the Commissioner shall exercise the same authority and control over Deputy Commissioners in the discharge of their duties under this Act, as he exercises over them in the ordinary revenue-administration of the country. Or the matter might be mentioned as one to be provided for by the rules to be framed under section 30. In any case, all mention of it should not be omitted.

19. "*Secondly*, it is thought possible that the Act may be inapplicable to some of the wilder parts of the Central Provinces"; and section 31 accordingly gives power of excepting any district or portion of a district from its provisions, if necessary. The exercise of this power will certainly be required; it is right, therefore, that the power should be reserved; and the Chief Commissioner thinks that this will be sufficient to meet the requirements of the case.

20. The Chief Commissioner has now followed you through your letter under reply and has discussed the main provisions of the Bill. It meets with his general approval; and he will lend his most cordial assistance in carrying out any such measure. He has very little, if any, sympathy with the view that the development of a spirit of self-reliance and of a power of self-government among the people of India would be a dangerous measure. On the contrary, he hopes and believes that it would interest leading and influential men in the stability of institutions in which they would play a real and honourable part.

21. Neither does the Chief Commissioner believe that this boon will not be appreciated by the people. There is no doubt that such views as are quoted by the Commissioner of the Nágpur Division are held by some members of the Native community. But this is due, in the first place, to misconception of the object and terms of the measure, as is seen from the Commissioner's own remarks; and, in the second place, to the very want of that political education which this measure is intended to afford. I am to add that the views quoted in that letter are not the views generally held by the majority of Natives of education and position. The public of Nágpur, though this is the seat of the Local Government, is not representative of the best thought and spirit of the Central Provinces. The influence of the corrupt and effeminate Native Court has been very demoralizing. The Chief Commissioner therefore does not regard the views quoted by the Commissioner as being representative of enlightened Native opinion throughout the Province. He believes that this Bill will generally be received as a boon, and as the proof of confidence in the people and regard for their interests on the part of Government.

22. It would be unwise at once to thrust self-government in all its fulness on a people unaccustomed to its exercise. But the Bill does not necessitate this. The areas under Local Boards would be as small as possible, so as to secure both local knowledge and local interest on the part of the members; but they need not be made too small at first. When funds increase and capable men become more common, they could be further reduced in extent. But a beginning could at once be made in decentralization. Similarly, appointment of members by election may have to be gradually introduced; and the appreciation of the privilege may want fostering; but all this is possible under the terms of the Bill. Again, the withdrawal of the official element at once may not be possible in most cases. But the Bill provides for this being gradually done. In a word, the Bill contains provisions for a scheme of complete self-government; but it also contains provision for the gradual education of a backward people up to that scheme. The Government of India may rest assured that, should such a measure as this Bill become law, it will be patiently and carefully, but also boldly and loyally, applied; and the Chief Commissioner is persuaded that he will have the cordial co-operation of all local officers in carrying out the aims of Government.

D. FITZPATRICK,
Secretary to the Government of India.

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SUPPLEMENT TO

The Gazette of India.

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OFFICIAL PAPERS.

A SUPPLEMENT *to the* GAZETTE OF INDIA *will be published from time to time, containing such Official Papers and information as the Government of India may deem to be of interest to the Public, and such as may usefully be made known.*

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GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

Railway Construction.

REPORTS ON THE RECONNAISSANCES FOR A RAILWAY BETWEEN VIZAGAPATAM AND RAIPUR.

No. 966 R.-C., dated Simla, 2nd November 1882.

RESOLUTION—By the Government of India, Public Works Department.

READ the following papers:—

(1) Reports on the reconnaissances lately made under the orders of the Government of Madras for a railway between Vizagapatam and Raipur.

(2) Letter from the Government of Madras, Public Works Department, No. 2367 W., dated 30th September 1882, and note by Consulting Engineer for Railways, Madras.

(3) Letter from the Government of Madras, Public Works Department, No. 2682 W., dated 16th October 1882.

(4) Extract from a letter, No. 943 R.-C., dated 27th October 1882, from the Government of India, to the Government of Madras, Public Works Department.

(5) Index.

ORDER.—Ordered, that this correspondence be published in the Supplement to the *Gazette of India* for information.

By order,

W. S. TREVOR, *Colonel, R.E.,*
Secretary.

No. 2366 W., dated 13th September 1882.

RESOLUTION—By the Government of Madras, Public Works Department.

READ the following papers:—

Letter from Mr. Nordmann, dated 16th November 1881, No. 14 R.

Letter from Chief Commissioner, Central Provinces, Public Works Department, dated 16th November 1881, No. 9059.

Letter from Mr. Nordmann, dated 26th November 1881, No. 19 O.
" " " 4th December " " 20 B.
" " " 6th January 1882, " 24 R.
" " " 14th " " " 27 R.
" " " 25th February " " 38 K.
" " " 30th March " " 60 W.
" " " 14th April " " 72 W.
" " " 18th " " " 74 W.

I.

INTRODUCTION.

Preparations for the Expedition.—In the Council held at Stonehouse, Ootacamund, on the 8th September 1881, which I had been asked to attend, it was settled that I should undertake the reconnaissance, and that Mr. Sub-Engineer Cormac should be attached to the party as my Assistant. Shortly afterwards I was supplied with maps and other information, while in G. O., No. 2294 W., dated 16th September, instructions were issued for my guidance.

2. *Tents and Stores.*—Tents were telegraphed for by the Secretary to Government in the Public Works Department, all over India; but time pressing, they could not be supplied sufficiently early for the expedition.

The Quartermaster-General's Department was indented on for tents, and it was believed that department would furnish the required number; but at the last moment it declined to supply any tents, as all available canvas—so it was stated—would be required for the troops to move into camp, in case cholera, which was flying about, should break out seriously at one or more military stations. I was therefore directed to procure what tents I required from those available at the Central Jails of Coimbatore and Vellore. Accordingly I left Coonoor on the 9th October, and proceeded first to Coimbatore and then to Vellore, where I selected such tents as seemed most suitable for the purpose in view, namely, combining lightness in weight with due protection from sun and rain, and reasonable comfort.

3. I had been decided that two complete sets of tents should be supplied for the expedition, so that one set should always be a day's march ahead, both in order to secure expedition in movement and a good sanitary condition of the party.

4. The number of tents selected—twenty—at first sight seems large; but it has to be borne in mind that two sets of tents were provided for every purpose, namely, one set for to-day's and one for to-morrow's camp; so that no one in camp should at any time be without shelter. This precaution was the more necessary, seeing that the expedition started in the face of the impending north-east monsoon and had to march through a country which has not the best reputation in the matter of malarious fever and its accompaniments.

5. The tents selected were—

(1) *For the Executive Engineer and his Assistant.*

	lbs.	lbs.
2 Bengal Sleeping Páls 12′ × 12′, each weighing		222=444
1 Hill tent 12′ × 12′, weighing		300
1 Bath-room for do.		30
1 Double-fly Bechoba 11′ × 11′		220
1 Bath-room for do.		30=580

(2) *For the Hospital Assistant and the Writer.*

1 Single-fly Bechoba 10′ × 10′		135
1 Rowty 9′ × 12′		93=228

(3) *For the Revenue Subordinate.*

	lbs.	lbs.
2 Cabul Páls 6′ × 7′		80=160

(4) *For the Police Guard, Stores and Baggage.*

2 French "tentes de troupe" 18′ × 14′		90=180

(5) *For Lascars and other Camp-followers.*

6 Cabul Páls 7″ × 8′		80=480
(6)—1 Small Sholdari for cooking in bad weather		55=55
(7)—1 Necessary Tent		30=30
(8)—2 Camp tents 7′ × 6′ for sundry purposes		60=20

Total 20 tents, weighing=lbs. 2,277.

NOTE.—Two of each kind of Nos. 6 and 7 were not available at short notice.

6. The tents having been selected, there was a further week's delay in Madras, since all the tents could not be got ready for shipment by the British India steamer of the 13th October to Vizagapatam. This week was utilized by me in Madras in seeing the heads of the Government Departments concerned and ensuring the timely despatch of all the stores, scientific instruments, &c., that had been ordered to be supplied. Some of these had been already sent on by the steamer of the 7th. On the day (20th October) when I embarked at Madras for Vizagapatam, some of the tents from the Vellore Central Jail had not arrived at Madras.

For these I had to wait a week at Vizagapatam, where I arrived on the 23rd.

7. The week at Vizagapatam was made use of in unpacking, examining and repacking the tools, stores, instruments, &c., supplied; in pitching the new tents and making pegs for them (as most of the tents had come without pegs); in engaging a crew of tent lascars; observing aneroid, studying the maps, &c. I also conferred with the Master Attendant about the aneroid readings at sea level which are to be daily sent to me in camp for ascertaining altitudes in the country traversed.

8. There was a burst of the north-east monsoon and somewhat heavy rain at Vizagapatam on the 31st October and 1st November, after which the weather cleared up.

I left Vizagapatam for Vizianagarum on the 2nd November.

9. *The tract of country between Vizagapatam and Párvatipuram* was not reconnoitred, as it is well known to the Department of Public Works officers, and the levels are all on record.

This portion was therefore dawked over.

10. At Vizianagarum, which is 184 feet above sea level, I saw the Acting Agent, who gave me some useful information about such parts of the Jeypur country as are personally known to him; also His Highness the Maharajah, who seemed greatly interested in the success of the project and kindly lent me four of his elephants to carry tents and other camp equipage all the way to Raipur and back.

11. From Vizianagarum I telegraphed to the Secretary to the Commissioner of the Central Provinces, giving him my proposed route with the probable dates of arrival at places, and asked him to instruct the Rajah of Kálahundy and the Zemindars of Patna, Kariál and others to attach some responsible person to my camp to aid in procuring guides, camp supplies, coolies, &c.

12. I left Vizianagarum for Párvatipuram on the 7th November; the height of the latter place above sea level was ascertained to be 395 feet.

13. *From Párvatipuram to Ryaguddah.*—On the 12th November the reconnoitring party started on its march from Párvatipuram to Ryaguddah, one camp having been sent ahead the previous day. On the 12th began the regular reconnaissance, the taking of measurements, observations, notes, &c. The weather had been fine hitherto; but now there were signs of impending rain.

14. The whole camp train consisted of 20 tents as before specified,
4 Elephants for carrying tents, &c.,
12 Attendants on do.,

40 Pack bullocks for carrying small tents, stores, medicines, instruments, camp equipage, baggage, &c.,
13 Men, attending bullocks,
10 Bullocks to carry food and kit of the bullock men,
3 Men attending on these bullocks,
1 Hospital Assistant,
1 Hospital servant,
1 Camp Writer,
18 Lascars,
6 Private servants,
3 Ponies,
3 Horse-keepers,
3 Grass-cutters;

Total 61 men, with 20 tents, 4 elephants, 50 pack-bullocks and 3 ponies; besides a daily varying number of coolies to carry instruments and sundries, and sometimes to relieve or assist elephants or bullocks in case of need; or carry the improvised dhoolies.

15. The Dewán to His Highness the Maharajah of Vizianagarum had informed me that the elephants—which were not large ones—should not carry more than 500 lbs. each. However, to this the mahouts generally objected on the journey, on the plea of the elephants being sick and sore, which they not unfrequently were. Two additional elephants were kindly lent to the party for a time, one by the Rajah of Bisemkattak, the other by the Manager of the Bindra Noagarh Estate.

But even with this assistance a number of tents and nearly all stores and baggage had to be carried by bullocks.

The elephants, in addition to the tents, had to carry some of the mahouts and their kit, and generally a number of sick camp followers who were unable to march.

16. The pack bullocks were engaged for the whole journey from Párvatipuram to Raipur and back. This proved a very effective arrangement, as thereby a certain amount of carriage could always be depended upon; while if we had relied upon coolies only, we should in many places have been unable to obtain the number required, and thus the party would have been delayed in the jungles.

WALTAIR,
18th April 1882.

K. F. NORDMANN,
Executive Engineer.

II.

No. 14-R, dated Ryaguddah, 16th November 1881.

From—K. F. NORDMANN, Esq., Executive Engineer on Special Duty,
To—Colonel R. H. SANKEY, C.B., R.E., Secy. to Govt., Public Works Dept., Madras.

In continuation of my letter No. 12-P, of the 12th instant, I have the honor to report that the reconnoitring party left Párvatipuram on the 12th and arrived at Ryaguddah,* a distance of 30 miles and 6 furlongs, on the 14th instant, having satisfactorily attended to all necessary measurements, observations, the taking of notes, &c.

* Distance of Ryaguddah from Vizagapatam 116 miles and 6 furlongs.

2. The weather, which had been fine up to the 12th, assumed a monsoonish appearance on the night of that date. It was cloudy on the 13th and 14th, with slight drizzling rain; yesterday, the 15th, the clouds gathered in a threatening manner; there was a heavy shower in the afternoon, and steady and continuous rain last night.

3. The track, which is passable for carts in the dry weather, from Párvatipuram to this, crosses the Narrainputnum river in the seventh mile, and then enters the valley of the Nágavully (or Chicacole) river, in which it runs up to Ryaguddah, keeping always within half a mile or so of the river bank. On both sides of the track are low ridges of hills. The valley is from one to three miles wide. The track is almost level, the longitudinal slope of the valley being very gradual.

4. The cross section is mostly flat; in some places the ground is undulating and cut up by ravines and large gullies caused by erosion, but generally it is level or nearly so. There is very little rock, and there are no difficulties in the way of a road or railway.

5. The soil, as a rule, is very fertile, though frequently of a light description. There is a good deal of jungle along the track, but less jungle than cultivation. The latter consists chiefly of dry crops, and there is also some paddy and sugarcane.

6. Villages are about a mile apart, and, on the whole, the country is sparsely populated; there is room for a greater population.

7. The hill ridges limiting the valley of the river are well wooded with trees and shrubs, and patches of cultivation are to be seen on the hill sides. The ippa tree grows here, besides tamarind, mango, jack, mathi, black wood, yégi, cashewnut, acacias, &c.

8. The dry-crops consist of six different oil seeds (as per margin); three fibrous plants (ganja or Indian hemp and two kinds of flax); cholum, maize or Indian-corn, horse-gram, green-gram, ragi, combu, and three or four other kinds of food grains (gantalu sámalu údalu, and korralu).

Gingelly.
Two kinds of lamp oil.
Castor oil.
Oil from mustard seed.
Oil from the ippa tree seeds.

9. Of vegetables, the people cultivate yam, pumpkin, cucumber, water-melon, plantain, brinjal, bhírkai, bendakhai (hybis-cus), &c.; tobacco is also largely grown.

10. Of minerals, there are kunkur, limestone and iron ore. The ore is smelted at Jummadahpettah, 10 miles south of Ryaguddah. Along the whole route there is kunkur limestone to be found, and suitable clay for brick-making. Building-stone will have to be quarried in the parallel hill ridges confining the valley of the river. The prevailing rock is gneiss, frequently studded with patches of quartz, and sometimes with red garnets.

11. The traffic I met is chiefly carried on bullocks. I saw paddy and hides coming from Ryaguddah, Bengal gram from Kálahundy, rice from Sumbulpoor; all going to Párvatipuram.

12. The Ooria people and language begin about 8 miles north of Párvatipuram.—There are some Khónd villages.

13. The drainage encountered between Párvatipuram and Ryaguddah is of an ordinary description; the large streams to be bridged are the Narrainputnum river in the seventh mile, 250 feet wide and 14 feet deep in flood; a stream in the sixteenth mile, 150 feet wide and 5 feet deep; and the river near Ryaguddah, 425 feet wide with a maximum depth of 22 feet.—The streams, as a rule, have sandy or gravelly beds; no rock for foundations, except in one or two cases, being visible near the crossings. There is a good rocky bridge site for the Ryaguddah river.

14. I am preparing a continuous section of the country as I march along, which will be accompanied by a narrative descriptive of all prominent features and of the particular heads alluded to in paragraph 12 of G. O., No. 2294 W., dated 16th September last, as well as by sections of large streams.

15. The height of Párvatipuram above sea level is 395 feet; that of Ryaguddah I have not yet been able to calculate accurately, as the last aneroid readings from Vizagapatam have not yet reached this.* The aneroid here reads on an average 29·35, showing Ryaguddah to be about 700 feet above sea level.

* Just received; altitude 687 feet.

16. I have not got the maps (scale one mile to the inch) of the country between Párvatipuram and Ryaguddah.

17. The health in camp has so far been good, except that the Hospital Assistant and the Writer have had a slight attack of fever.

18. The Revenue subordinate (paragraph 15 of the above quoted Government Order) has not yet joined my camp; it having been found difficult to engage a suitable man willing to go, and able to speak English, Telugu, Oriya, and Hindustani; I have this day written to the Agent to the Governor at Vizagapatam and requested him to endeavour to supply a man with all or most of the qualifications named.

19. I leave this to-morrow for Bisemkattak, Ombadóla, Asurgor and Bógor; while Mr. Cormac marches *viâ* Singapore to Bondesor, and thence to Dádpur and Bógor. We propose to meet first at Lonjigar, to complete the section of the line from Singapore to Ombadóla; and then at Bógor, where I expect to be about the 1st proximo.

20. I shall thank you to inform me whether it is desired that I should march from Jalbal (seven miles south-east of Nára) northwards to *Onki* about 20 miles, and back. If I do not hear from you about this in time, I shall make this march.

21. I request that two fresh perambulators may be sent for me to Raipur, to await my arrival there, as my perambulators shew signs of weakness and may be out of order and unserviceable by the time I arrive at Raipur.

22. I beg that letters may, till further notice, be addressed to "Ryaguddah, care of Sub-Magistrate, to be forwarded."

III.

No. 9059, dated Nagpur, 16th November 1881.

From—The Secretary to the Chief Commissioner, Public Works Dept., Central Provinces,
To—The Secretary to the Government of Madras, Public Works Department.

I am desired by the Chief Commissioner to forward, for the consideration of the Madras Government, the accompanying copy of letter No. 6812, dated 10th instant, from Commissioner, Chattisgarh Division (with enclosures), with reference to the reconnaissance, ordered by the Government of India, of the country between Vizagapatam and Raipur for a line of railway.

IV.

No. 6812, dated 10th November 1881.

From—Colonel C. B. Lucie Smith, Commissioner, Chattisgarh Division,
To—The Secretary to the Chief Commissioner, Public Works Dept., Central Provinces.

I have the honor to acknowledge the receipt of your letter, No. 7084, dated 1st September last, with its enclosures, and to say, after careful inquiry, that the project of taking the Vizagapatam-and-Raipur Railway west of the Mahánadi is doubtless feasible, but appears hardly advisable; because such a line must necessarily pass through a stretch of difficult country in the feudatory State of Kankér, which would entail a cost of construction that would probably more than counterbalance the gain obtained by avoiding the Mahánadi, while the line would lie altogether apart from the existing trade route.

2. The natural line I should judge to be that followed at present by the Brinjári traffic from Vizagapatam, which passes through Parvatipuram, Koontipenta, and Singapore, and crosses the Kálahundy border, 24 miles, as the crow flies, S.S.E. of Bhavánipatnam (called "Bondesor" on the maps). In this distance of 24 miles the only obstacle is the Músa ghát, which is, as the crow flies, about 12 miles S.S.E. of Bhavánipatnam. From Bhavánipatam the road runs to the western border of Kálahundy, and then in a generally N.N.W. direction to a point about two miles east of Arang, where it strikes the Raipur and Sumbulpur road.

3. With ordinary surface repairs the whole road from Bhavánipatnam to Raipur is easy for wheeled traffic during the open season, and it lies through fertile and for the most part well-cultivated country, as will be seen from the accompanying extract from notes recorded by me when marching along this route with carts in February and March last. I have estimated its present length at 179 miles, but probably by straightening the line in places the distance may be reduced to about 165 miles, and of this distance only some 35 miles are in feudatory territory.

4. Looking at the proposed railway from the Central Provinces point of view, there can, I think, be no question, but that the line most calculated to open out this division is the one I have sketched, and I should judge that the Vizagapatam authorities are in its favor. I have therefore written to Mr. Nordmann at Bhavánipatnam recommending it to his attention.

Statement of Stages from Bhavánipatnam to Raipur.

No.	Stage.	Remarks.
1	Bondesor or Bhavánipatnam to Nandol.	Came out here *en route* through Kariar to Raipur, distance about 12 miles; road fair for the wheeled traffic of the country; soil sandy running into brown and black; rice, tilli, peas, pulses, wheat and chenna grown; country fairly cleared, and the following villages passed through:—Singjerram, Pukjori, Barjola, Tiljori, Kharra, Tekri, and Atangura. Met many small country carts taking rice to to-day's bazaar at Bhavánipatnam. Nandol has a fair encamping ground on the bank of the Sogora river, which has clear water.
2	Nandol to Daspur	Distance about 10 miles; road good; in many places raised and generally aligned and planted with roadside trees; country generally well cleared and cultivated with rice, pulses, some chenna and sugarcane; high and picturesque hills clothed with forest and bamboos until the Tel river is reached, where the hills open out; soil sandy running into black and brown; passed through or near Kendupati, Omatola, Makartola, Bondagaon, Poondah, Farangaon, Omta, and Daspur; good shade at Daspur, but the grove is close to sugarcane fields and a bunded nullah; passed several nice groves on road.
3	Daspur to Golamunda.	Distance about 9 miles; came through Dumerbahal, Valuchua Kholiakani to Golamunda; soil black the first half and sandy the second half; a fair amount of cultivation, chiefly rice and castor; a few teak trees appear near Golamunda; a mango tope here with fair shade, but not a nice encamping ground. There is a Kálahundy Police post here.
4	Golamunda to Nandgaon.	Distance about 9 miles; past the Kariar frontier near Dhungiamunda for three-fourths of the way black soil and afterwards sandy; country fairly cleared, road rough on the Kariar side; came through Tumra, Dhungiamunda and Cholna to Nandgaon, which is a good encamping ground, having pleasant shade and clear water from the river near.
5	Nandgaon to Lorka	Distance about 9 miles; road easy, although not always properly marked out; country well cleared and fairly cultivated; soil sandy and black; villages poor looking and very dirty; teak about; passed through Borgaon, Gondabahali, Gomargura, Kampur and Ankapur to Lorka; rice, chenna, tilli and castor chiefly grown; good shade at Lorka, but too close to village, and tank water fair.
6	Nandgaon to Polsodar.	Distance about 9 miles; soil chiefly black; small jungle and high grass with few clearings; passed through Khirmal and Lanji to Polsodar; fair shade and fair water, but a good deal shut in.
7	Polsodar to Kolinga.	Distance about 6 miles; soil sandy and black; not much cleared country; small jungle; road fair, but narrow; passed through Domjer. Kolinga has a large clearing and a good place for encamping with abundant shade; water from the river near.
8	Kolinga to Rojona	Distance about 6 miles; road good; soil sandy; crossed the Under river twice; passed some clearings belonging to Chichali and Dhargaon, otherwise the whole distance was through forest chiefly of large trees of all descriptions except teak and sal-rojona; has a fair extent of cleared land, with fair shade, and clear water from the Under river.
9	Rojona to Kisima	Distance about 9 miles; soil black and sandy; country fairly cleared, but not much cultivation; small open jungle; passed through or near Belgaon, Agarom, Bila, Bandanpali to Kisima; villages all small, but many have good mango groves; good shade at Kisima, but encamping place too low.
10	Kisima to Torbor	Distance about 9 miles; road good; small jungle the whole way; soil at first black, afterwards sandy, open clearing at Torber, and clear water but no shade.
11	Torbor to Tarnot	Distance about 12 miles; road good for the first half and then rocky and stony and over broken ground by the hills; soil of the first half chiefly black; only one village Limdi passed through; country has once been fairly cleared, but now has retrograded.

Statement of Stages from Bhavánipatnam to Raipur—continued.

No.	Stage.	Remarks.
12	Tarnot to Sarabong	Distance about 7 miles; soil chiefly sandy; road good; country cleared, but not much cultivation. There are several tanks here and some sugarcane cultivation; villages passed through this morning were Jilmila, Rothipali and Malibata.
13	Sarabong to Tendubarra.	Distance about 6½ miles; road fair; no running water in the Jong river; passed through Pathalghutkuri; the whole distance from this village to Tendubarra under forest, but not unpleasantly dense; soil sandy chiefly; no teak and only sál here and there. Tendubarra has a fairly good clearing and fair water, no shade Tendubarra is an high tableland, probably 1,400 or 1,500 feet above the sea. There is a good clear water from a kutcha well here.
14	Tendubarra to Bodrabanda.	Distance about 11 miles; road good; soil hard, red loam, no stones and only slightly rocky in one or two places; descents and ascents easy, nullahs not troublesome; in fact as good a country road as one would wish, and this is the road the Kariar Amlah induced Mr. Fisher not to travel over in 1873 and which they tried to induce me not to take. It should be widened and improved and will make a capital cart-road at all seasons; passed Sirgidi, a small hamlet of Kariar, and a little way beyond entered the Khalsa of Raipur and passed through Charbati and Koknajer to this. There is some shade here and clear water from a kutcha well; all country over forest, but neither teak, sál nor bamboos to bo seen.
15	Bodrabanda to Karti	Distance about 11 miles; soil sandy; country well cleared; road fair, but heavy in some places from sand; rice and some sugarcane grown. Karti has a good encamping ground and has a Police station-house.
16	Karti to Mahasamund.	Distance about 9 miles; soil at first black, afterwards sandy and then gravelly; country fairly cleared with mowah trees about; road fair and apparently much travelled by carts. Mahasamund is a large village on a gravelly rise, with fair shade at a pleasant distance from the village; rice, sugarcane, ulsi, and chenna grown.
17	Mahasamund to Paragaon (2 miles east of Arang).	Distance about 8½ miles; country cleared throughout; soil brown and yellow and laterite; crossed the Mahánadi by the Gorari ghât. The river here is much narrower than by the Arang crossing. Executive Engineer is making a branch road to this crossing from the Raipur and Sumbulpur road.
18	Paragaon to Nuagaon.	At Paragaon the Raipur and Sambulpur road is struck, and the whole distance from Paragaon to Raipur is by that road. About 2 miles from Paragaon, Arang, which has a considerable trade with Kálahundy, is reached, and from Arang to Nuagaon the distance is about 12 miles: country cultivated throughout.
19	Nuagaon to Raipur.	Distance about 12 miles; country cultivated throughout.

Note.—The total distance from Bhawánipatnam to Raipur by this route is about 179 miles, but I should judge that by straightening the line in places the total distance may be reduced to about 165 miles.

C. B. LUCIE SMITH,
Commissioner, Chattisgarh Division.

V.

No. 19-C, dated Ombadola, 26th November 1881.

From—K. F. Nordmann, Esq., Executive Engineer on Special Duty,

To—The Secretary to Government, Public Works Department.

In continuation of my letter No. 14 R., dated Ryaguddah, 16th instant, giving an account of the *reconnaissance* from Párvatipuram to Ryaguddah, I have the honor herewith to forward an extract from my diary from the 17th instant up to date; from which it will be seen that there has been no difficulty so far which could in the least obstruct a road or railway. A cart came with the camp to Bisemkattak, and might have come further.

2. The route travelled over has been, practically, almost a level; at least, the gradual ascent from the coast is a very easy one.

There has been nothing like a ghât or sudden and steep ascent in the way, so far; all has been plain sailing, and the people here say there is no ghât either, between this and Asurgor; this I will see to-morrow, and report on from Bôgor.

3. *Cooly labor and material* for work (such as building stone, clay for bricks, timber, &c.) are nearly everywhere available.

4. *The country* is, on the whole, well populated and cultivated, and might even be called rich; certainly, when its natural resources come to be developed, it may look forward to a very prosperous future.

5. *The people and their chiefs* are friendly disposed, and there has been no difficulty, so far, regarding guides, camp supplies, coolies, &c.

6. Along the entire route a great deal of *grain and other produce* is grown, much of which is now sent by pack bullocks to Parvatipuram, where it is bought up by merchants and distributed over the country; all this will go to swell the *traffic* of the railway. Besides this local traffic, there is a regular through-traffic from Raipur, Sumbulpur and intermediate places, to Parvatipuram.

7. I met Mr. Cormac, according to previous arrangements, at *Lonjigar* on the 24th. He had come over ground as high as 1,603 feet, half way between Singapore and Lonjigar, while I have not yet encountered a greater altitude than 1,346 feet.* Mr. Cormac marched back on the 25th to Chôthopoor (5 miles north of Singapore); thence he proceeds over the Músa ghât (near Kúndrú) to Bondesôr, Dádpúr and Bôgor. I leave this for the last-named place to-morrow *viâ* Asurgor.

* Except at *Lonjigar* which is 1,396 feet.

8. *Readings of aneroid and thermometers* are taken at every mile, or so, along the route, or at every change of gradient, or remarkable feature of the ground, and at every stream. The "battery" of three aneroids, in a case, is registered regularly at 11 A.M. and 4 P.M. in each camp, so that the heights of all halting-places can be readily ascertained and the others interpolated. It is not feasible to read the "battery" at 10-30 A.M., as we never reach the camp before eleven, having started with daylight. All the original records of every reading, whether made on the coast or on the march, will be carefully preserved, for future reference if necessary.

9. *The longitudinal section of the country* traverfed cannot be conveniently prepared on the march, partly because all spare time, when the daily march is over, is occupied with packing, unpacking and general camp duties, and partly because the aneroid readings at the coast are not at hand when wanted, but come in a week or so after date, and will arrive still more irregularly later on. For the same reason, the altitudes now reported, and arrived at by simple methods without tables are, although very nearly accurate, strictly only approximate; the final altitudes will be given in the *section* which I shall prepare at Raipur, where I intend to make a halt of ten or twelve days to bring up arrears of reports, accounts, &c., and refit the expedition for the journey southwards.

10. This part of the reconnoissance I propose to carry out in two divisions; one party proceeding from Raipur, *viâ* Dhamtari and Kankér, to Raigarh; while the other marches *viâ* Rájim to Noagarh and up the valley of the Sondor river, to Raigarh.

11. *The monsoon* has, on the whole, been merciful to the party; only one tent has been blown down; the people say the rains are over, the cold weather has commenced, and that there will be no more rain, although last night heavy clouds came up again from the north-east, but they have passed on.

12. *The health in camp* is satisfactory; the Hospital Assistant has recovered from his attack of fever; there are only a few slight cases of cold and fever.

13. I send, by parcel post, three specimens of *quartz* (which I have had pulverized for convenience in transit), two from Gowdugooda and one from

Kordáband. Both places are between this and Bisemkattak. I should be glad if the specimens could be chemically analyzed and assayed, to see if they contain any valuable metal.

14. So far the special *tappal* despatched by the Sub-Magistrate frem Ryaguddah, has arrived in camp pretty regularly twice a week. How it will be beyond Bôgor, remains to be seen.

I request that all orders, &c., despatched after receipt of this, may be addressed to "*Arang, Central Provinces, to await arrival,*' where I hope to be about the 20th proximo.

P. S.—I must apologize for the indifferent calligraphy and the numerous corrections, &c., in this letter and accompanying extract from notes; the only writer I have been able to engage for the tour is but an indifferent office hand.

VI.

Extract from Notes of Reconnaissance between Bisemkattak, Ombadóla and Lonjigar, 17th to 25th November 1881.

From Ryaguddah to Bisemkattak.—Distance 29 miles 4 furlongs 191 yards.

It had been arranged that while I marched *viâ* Bisemkattak and Ombadóla to Bôgor on the Tél Nadi (which is a tributary of the Mahánadi), Mr. Cormac was to proceed *viâ* Singapore, Bondesór and Dádpôr, likewise to Bôgor, where our camps were to be rejoined. Meanwhile we were to meet, *en route*, at Lonjigar; I coming from Ombadóla, and Mr. Cormac from Singapore, so as to complete the section of the line from Singapore to Ombadóla. Accordingly I left Ryaguddah on the 17th November for Bisemkattak, while Mr. Cormac started on the 18th for Singapore. His own report on his march, with sections, &c., will follow.

17th November, Ryaguddah to Gingerabádi.—Distance 8 miles 2 furlongs.—Rise 49 feet.—Marched through a fine, level, upland country; light soil, well cultivated with extensive dry crops and some paddy. No jungle in this part of the valley, which is formed by two parallel ranges of hills, about 3 miles apart. Saw scarcely an acre of uncultivated land for several miles. The couutry is easy to travel over; there is a bandy track to which the Local Fund Board are doing some repairs.* Met some rice coming from Patna and Kálahundy, going to Parvatipuram. There are good topes for camping along the whole route; good water is almost everywhere to be found in the small hill streams.

* But the grant is too small to do much good.

In the third mile there is some broken and irregular ground at the large village of *Comellypettah*, 5½ miles from Ryaguddah; the *Naganully river* has to be crossed below its junction with a smaller affluent. The river in flood is 363 feet wide with a maximum depth of 15 feet. The bed is sandy, the low banks are flooded in the heavy rains, there is no rock for foundations visible.

To the north of this river the level upland valley continues as before; there is some jungle, but still much dry cultivation, with numerous fine mango, tamarind, fig, ippa and other trees growing in the fields. *Tree planting* is largely attended to by the people, and the trees are fenced in and cared for.

Topes occur frequently. The names of villages I passed are Kulliagoodah, Kotapettu, Prodiguda, Comellypettah, Jugganaidupetta.

Near *Gingerabádi* a number of rocky hillocks are dotted over the valley. The rock is gneiss. There is a swampy pond, fed by hill drainage and covered with lotus flowers, near the village; the road passes below the pond. The *water* here is not very good. The fine upland valley now becomes narrower, the ground more uneven, the extent of jungle greater.

The soil here is rich, of a dark brown color, almost black. There is a good deal of *paddy cultivation*.—It rained in the afternoon and at night.—Thermometer 80 to 85° F.; height of Gingerabádi above sea level 736 feet.

18th November. Gingerabádi to Ballingy.—Distance 10 miles 4 furlongs 123 yards.

Rise 40 feet. Thermometer 74 to 86° F.; height of Ballingy above sea level 1,136 feet.—Started as usual at 6 A.M.

The sky was covered with clouds, the atmosphere moist, the low hills were wrapped in mist.

Jungle and cultivation, both wet and dry, alternate along the track.

The soil varies, being sometimes sandy, then clayey, loamy, some black. The track is smooth and level, and the country studded with small hillocks, 100 to 200 feet high, some rocky, some with patches of cultivation, the latter chiefly castor-oil and cholum.

In the third mile the track leads for some distance along a gently sloping hill side. There is more jungle and less cultivation. Some *rock* is met with; gneiss mixed with quartz and conglomerate and containing occasionally red garnets (yerra kallu).

Trees abound in the cultivated fields, such as ippa, fig, tamarind, blackwood, matti, mango, and jack; fine old banyan trees, with far spreading leafy roofs supported on root

pillars dropped from the branches; and others. The soil is mostly light, but seems to grow anything.

In the fourth mile there is some uneven and broken ground on both banks of a *stream** which when in flood is 350 feet wide, with a maximum in depth of 15 feet.

* 3 miles 3 furlongs 110 yards.

The bed is sandy, there is no rock visible near the crossing; one bank is high, the other low (alternately) and flooded.

The river lies in a deep bed. The *traffic* I met consisted largely of Bengal gram (chenna) from Kalahundy, going to Párvatipur. On the northern bank the ground rises rapidly from the river bed, and is covered with light jungle.

In the fifth mile near the village of *Gújelpádu*, there is some undulating ground, but offering no obstacle. Small *kunker* limestone is here scattered over the surface, and there is a tank near the village. At the sixth mile is the village of *Sunta Baddigáum*, at the foot of a low ridge covered with jungle. The valley here is only a mile and a half wide; the western ridge rocky. The track continues smooth and level over light soil, as before. Wet and dry cultivation, paddy, sugarcane, ragi, gram, linseed (sersá), gingelly, rape, mustard, cholum, cumbu, castor-oil, and tobacco, &c., date and sago palms.

In the seventh mile is a *stream*, 130 feet wide and 10 feet deep in flood, with ill-defined banks, bed sandy with gravel, no rock visible.

Country hilly, track undulating, partly along hill side, more jungle than cultivation. The sandy path descends slightly to *Báthpúram*, eighth mile.

In the ninth mile another *stream*, 112 feet wide and 8 feet deep in flood. Banks alternately high and low, one bank flooded. Bed, hard soil with small stones and gravel; no rock near. For some distance through hilly jungle over broken ground; no cultivation; kunker, limestone on the surface. Then flat country again, with patches of dry crops and numerous trees; *some good timber, viz.*, teak, matti, and blackwood.

The sides of the hill ridges forming this valley are now wooded, and partly cleared for cultivation.—Clouds threatening ahead; rain at night.—One of the Vizianagram *elephants* was sick and sore, and refused to work; some of the tents had to be carried by pack bullocks and coolies.

There is a *thatched bungalow at Ballangy* belonging to the Bisemkattak Rajah, who had sent a Kotwal to meet me here to act as guide and procure supplies, coolies, &c. The village is a very small one, but the surrounding country is well populated, little hamlets lie hidden in nooks and corners.

19th November, Ballangy to Bisemkattak.—Distance 10 miles 2 furlongs.

Rise 18 feet. Thermometer 74 to 84° F.; height of Bisemkattak above sea level 1,114 feet.

Distance of Bisemkattak from Vizagapatam, 146 miles 4 furlongs.

Low clouds and mist. The ground along the track *rises steadily*; there is much jungle and little cultivation; the valley becomes narrower. The path runs along the foot of the eastern ridge, where very slight hill side cutting would be required for a road or railway. This ridge is covered with dense jungle and forest; the soil is good and the vegetation luxuriant, which shows there must be ample moisture; *coffee* ought to thrive here. The ridge on the left is more rocky, the alluvium on its eastern aspect partly worn away by the north-east monsoons of ages. The hill sides are cleared in patches, whereon grow the castor-oil plant and cholum.

A mango tope in the third mile; country again flat, the two parallel ridges only about a mile apart; they rise here up to 500 feet. Very few patches of cultivation along the route.

At 3 miles and 3 furlongs a *stream*, width and depth in flood, respectively, 85 feet and 8 feet. Banks well defined, bed stony, but no solid rock apparent.

The track now runs across the slope of the western ridge; very slight hill side cutting wanted for the road. At the fourth mile a small but deep *nullah*: bridge, of 10 feet span, 15 feet high, required.

The ground is uneven, cut up by gullies. Some of the peaks of the *Niámgiri hills* come in sight. Soil brown clay mixed with sand; jungle. Another *stream*, smaller than the last, near the village of *Baliapodor*. The track here changes again to the slope of the eastern ridge, on which there is some rock cropping out along the track. The ground is irregular, but not difficult, for a road. At 4 miles and 6 furlongs there is a bifurcation of tracks, one line leading to Bisemkattak, the other to Bárigudа and Tikirapara.

Near Satikóna is the summit level of the track, so far, 1,346 feet above sea level; from here the ground descends to Bisemkattak. I met some *carts with rice*, from Tikirapara, going to Parvatipuram. The cart-men complained that the Sakal (Dhoby) of Bariguda charged them one anna for each cart as a toll; hence they came by this track instead of the easier one by Bariguda.

Aneroid read 28·72.

Altogether I have not met very much *traffic* along this line up to this, perhaps 150 bullocks a day. The Brinjarries seem to prefer the route by Singapore to and from Raipur, on account of the open and level ground to be found along that route.

There is much cultivation round the village of *Satikóna*. From here begins a steady descent along the slope of the eastern hill range. At 6½ miles the track passes through a *saddle*, thence the descent continues towards *Matakeri* and *Batugada*.

There is light jungle and but little cultivation. Soil ordinary reddish clay with sand. The path bends to the eastward to get round the Bisemkattak hill.

Bisemkattak is a little way out of the straight line to Tikirapara, but being a place of some importance it would seem correct to take the rail to Bisemkattak and have a station there.

The path continues through jungle, with occasional clearings and sparse cultivation, over level ground along the foot of the hill, to *Bisemkattak*, which is situated in the midst of hills and jungle, with a considerable extent of dry crops and paddy fields. To the west rise nearly up to 5,000 feet the peaks of the beautiful *Niámgiri hills* (the nearest only 5 miles from here); a range some 20 miles long by 5 miles in width, covered with jungle and forest.

If the rail is taken here, these hills may in time become a local *sanitarium* as well as a resort of planters. *Coffee, tea, and cinchona* should thrive on the slopes.

There was *heavy rain* on the night of the 19th; one of my tents was blown down and damaged. It rained on the 20th during the day, and again very hard at night. The monsoon seemed full upon us. I despatched a camp to Kodáband *en route* to Ombadóla.

20th November, halted at Bisemkattak.—The Tát Rajah (who pays tribute to the Rajah of Jeypur) was so civil as to call upon me. He speaks Ooriya and some Hindustani. He expressed himself highly pleased with the prospect of a railway, and offered all assistance in his power to the reconnoitring party. He has been reigning for the last seven years. His people promptly furnished guides, coolies, camp supplies, &c., and he was also good enough to lend me one of his elephants to accompany the party as far as the Tél Nadi, to relieve the Vizianagram elephants, one of which has a sore on the shoulder, seems much fatigued, and is unable to carry its proper load.

I returned the Rajah's visit within an hour, and he asked me to inform the Government that he had done all he could in furthering the expedition, which I have much pleasure in herewith bringing to notice.

The Rajah sent a Kotwal with me to assist my camp on the road. The Police Inspector, an Ooriya man, also offered to accompany me, which offer I accepted; his beat extends as far as Ombadóla, and he made himself very useful in camp and on the march.

The Hospital Assistant still suffered from fever at Bisemkattak, but has since been free from it. He brought a cart to this place all the way from Parvatipuram, but sent it back from Bisemkattak, as it has become difficult (though not impossible) to take the cart further. Being sick, he has now moved onwards in an improvised dooly.

The general health in camp is satifactory.

From Bisemkattak to Ombadóla. **Distance 23 miles 7 furlongs.**

Distance of Ombadóla from Vizagapatam 117 miles 3 furlongs.

21st November, Bisemkattak to Kordáband, **12 miles. Rise 38 feet. Thermometer 69 to 77° F; height of Kordáband above M. S. L. 1,192 feet.**

A fine morning, the clouds rising, the sky gradually cleared up, a cool northerly breeze set in, and it seemed as if the monsoon had passed on southwards for good. There was also a change in the temperature; it suddenly became cooler.

In the first mile a *stream* was crossed, 100 feet wide when in flood and 6 feet deep; bed, sandy shingle; no rock; gently sloping banks.

After passing through half a mile of *paddy fields*, the track lies through dense jungle, between two low ranges of hills. The soil is light clay, mixed with sand, and sometimes stony, very little rock.

The villages passed were *Puttamunda, Goutakal, Gordigaon;* a small *stream* (at 3½ miles) near the latter, requiring a bridge of 10 feet span, 5 feet high. Some dry cultivation near the villages; otherwise dense jungle.

Two furlongs further a larger *stream near Goilkóna*, 25 feet wide by 5 feet deep; rock for foundation. Some paddy-fields here. Near the fourth mile the village of *Bondiguda* with *extensive paddy-fields*. Further on *Burchiguda;* dry cultivation in the midst of jungle.

Junction with track from Satikóna to Tikirapara. At 5½ miles the village of *Depaguda*, with *hundreds of acres of rice cultivation*, all by means of little channels taken off from the hill streams. Then some open ground, not cultivated. *Stream* 25 feet wide and 6 feet deep; high banks; no rock; bed, sand with shingle. Some paddy and *sugareane*.

Village of *Dendra*.—Track goes on through jungle; low hill range on the left, with a few patches of clearing. Very little traffic along this route, which may be owing to the monsoon. Some carts were loading rice in the fields; the crop is just being cut.

At 7¼ miles, *Tikirapara*.—A large double village, *viz.*, for Paiks and Khonds, 100 houses. Tank, wet and dry cultivation. A hundred bullocks, with Bengal gram, from Kalahundy to Parvatipuram.

Numerous trees have died in this part of the country, which may be owing to the effect of the droughts of late years; some men said the trees had been ringed preparatory to being felled for timber and so killed, but I saw the rings only in very few instances.

At 9½ miles a *stream* requiring three spans of 30 feet each, height 10 feet; bed, shingle, no rock. Banks low and flooded; jungle; village of *Jomaraguda;* some dry cultivation.

Chellanalla village, 10th mile. Fine tope for camping.

11th mile.—Small *nullah*, waterway required 10 feet wide, 5 feet high; jungle here and there cleared.

12th mile.—*Kordáband*, dry and wet cultivation; fine tope, good water. The Sub-Magistrate of Gúnpúr had sent a peon here to attend my camp.

Height of Kordáband above M.S.L. 1,192 feet.

Good camping ground. Tank; thatched bungalow; rich dark soil. *A quartz reef;* sample powdered and sent with the report. No mercury in camp for experiments.—Cold at night. Thermometer 55 to 60° F.

22nd November, Kordáband to Ombadóla.—The monsoon seems to have passed southwards, for good. The night at Kordáband was cold, the sky clear, the morning crisp; not a cloud. Passed through extensive rice-fields to a small *stream* in the first mile; good banks, firm bed, no rock; bridge required, 10 feet span, 5 feet high. Two furlongs further another similar *stream*.

1 mile 3 furlongs.—Village of *Kutubadi*; thermometer at 7 A.M. 57° F.; jungle and dry cultivation; hills on both sides; good tree jungle; soil moderately rich.

One furlong further, small *stream* like the two last; *quartz* in the ridge on the left.

Village of *Doikal*.—Sugarcane, rice and dry cultivation.

3 miles 2 furlongs. *Panimunda stream*.—Three 30-feet spans required, greatest depth in flood 9 feet; rock for foundation. There is a crude *anicut* made here by the villagers who have utilized for this purpose a rocky ledge extending across the bed of the stream; from the anicut a considerable irrigation channel is led off.

3 miles 7 furlongs. A *quartz reef* near the village of *Gauduguda*.*

* Specimen sent with report.

Two furlongs further a *stream*, with stony bed and high banks; bridge required, 23 feet wide, 6 feet high; undulating country hills on both sides, tree jungle, patches of dry cultivation.

5 miles 3 furlongs.—Another *quartz-reef* near *Sivapodro*. The track then passes over a small ghât about 50 feet high (the railway would round the hill or be cut through it) to the village of *Dombisi*.

A small *stream*, 14 feet wide, 4 feet deep in flood. The jungle here is a *forest of large trees*, containing some good *timber*, especially matti (Telegu, madhi chettu).

A small *nullah*, coming from swamps and paddy-fields on the risng ground to the left, 8 feet wide, 3 feet deep in flood.

6 miles 6 furlongs 187 yards.—Two villages close together of the name *Mudirikuppa*, one for Khónds, the other for Paiks or Gaudus; hilly undulating ground; jungle, with some cultivation

7 miles 2 furlongs.—*Streams*, 60 feet wide, 8 feet deep in flood; good banks, no rock.

The track, after leaving *Bod Mudirikuppa*, passes through a *gorge* with dense jungle; some hill side cutting required, then flat ground again. In the gorge I picked up some rich *magnetic iron ore*, and some *ore of antimony*.

8 miles 5 furlongs.—Village of *Chumakonti* (Khónd). The railway here should follow the course of the *Bongsdara* river.

9 miles 3 furlongs.—Village of *Peddagoodak* on the left, *Rdinigooda* in front.

10 miles 67 yards.—Cross the *Bongsdara river* above its junction with Ombadóla river; rock for foundation, gneiss studded with quartz; kunker, limestone on the spot; width of stream 210 feet, greatest depth in flood 15 feet; banks flooded.

11 miles 7 furlongs.—*Ombadóla*.—Extensive rice-fields, fine country, well populated, studded with topes and trees and surrounded by hills, so that it is difficult to obtain a view; height of Ombadóla above M. S. L 1,196 feet.

23rd November, halted at Ombadóla.—Heavy dew at night, mist in the morning. Thermometer at 6 A. M. 53° F.; in the day up to 80°.

The old Amin of Ombadóla, who is under the Rajah of Bisemkattak, came to see me and expressed himself pleased with the prospect of a railway. I despatched a camp to *Lonjigar* with one elephant, five bullocks and ten coolies. The Police Inspector from Bisemkattak with some of his men, two of my Policemen, and the Ombadóla Amin's son accompanied the party.

I had to sleep in the Dresser's Rowty, as my tent that was blown down and damaged at Bisemkattak was being mended. There is a blacksmith at Ombadóla who, in the most primitive manner, forged thin iron bands out of a thick bar of country pig iron; but there was no carpenter in the place to help in mending the broken poles.

24th November, Ombadóla to Lonjigar.—Distance 12 miles. Heavy dew at night and in the early morning; clear sky in the day; thermometer 6 A.M. 55° F. Through paddy-fields and jungle; track frequently invisible.

1 mile 1 furlong.—*Stream* 126 feet wide, 9 feet deep in flood. Bed sandy and gravelly, no rock, banks low and flooded. Enter jungle, some sheet rock, gneiss with quartz veins, village of *Kutrikupa*, a few huts, with some dry and garden cultivation.

I have noticed so far a singular absence of *game* in these parts. I have not seen, between Párvatipúram and this, a single snipe, partridge, jungle fowl, hare, pig or deer; but jackals are numerous, and bear, pig, sambur, cheetahs and tigers are said to be in the denser jungle on the hills.

2 miles 158 yards.—Village of *Kutrapali*; high and dry ground, little cultivation, some cotton, oil-seeds, beans, and ragi; then jungle again. Passed the *boundary between the Jeypur and Kalahundy estates*.

Village of *Dhorabetta*.—A few small patches of paddy in the jungle, irrigated by little rills led from springs or small hill streams. Joined the *track leading from Lonjigar to Raipur vid* Kutegu, Topi, Kindera, Prokribund, and Sigriguppa; another small nullah.

4 miles 1 furlong.—*Village of Bijelkadu*; some dry crops and paddy in the midst of jungle.

4 miles 7 furlongs.—Village of *Toral*; a little beyond, abundance of gneiss rock which can be quarried for building stone.

7 miles 1 furlong.—Good camping ground in a *tope*; again jungle.

7 miles 2 furlongs.—*Stream* near the village of *Nangelbeda*, 34 feet wide, 9 feet deep in flood; good banks, gravelly bed, no rock near crossing. Half a mile further a small *nullah* with rocky bed. *Kunker limestone* is found on the surface in many places along this day's route,—jungle again; then a shallow *stream*, 26 feet by 4 feet; sandy bed, low banks, no rock; then an irrigation channel led off the stream through some deep cutting.

Village of *Batuguda*.—The hard clay in the bed of the channel has been worn by the water into the outward appearance of laterite, but there is no laterite here.

Village of *Chatterpore*.—Clear water in the small hill streams.—This part of the country is but sparsely inhabited, and there is ample room in these jungles for *immigrants*. The *soil* is good enough for paddy, sugarcane and all ordinary dry crops; water from streams and springs is plentiful; trees, shrubs and grass grow luxuriantly; the paddy and ragi crops look very fine, although the rainfall has not been ample this year.

9 miles 6 furlongs.—Another village of *Batuguda*; some dry cultivation, then again jungle. Here begins a *dense jungle and forest of young trees*, the latter 15 to 20 years old; soil varying, sometimes light and sandy, sometimes heavy clay. Small *nullah*, 6 feet wide by two feet deep.

11 miles 1 furlong.—*Nullah* 15 feet wide and 4 feet deep in flood, high banks, stony bed, no rock visible, which, however, is not far below the surface here. The sand in this stream contains shining yellow mica dust.

12 miles.—*Lonjigar*, at the foot of a hill upwards of 3,000 feet high, part of the Niámgiri, range; large village, sorrounded by hills; 100 houses (mud huts, thatched), ample fields, gardens and trees; a tank under construction; *soil* dark, rich clay, some nearly black There are weavers, blacksmiths and goldsmiths in the village; no carpenter, just as at Ombadóla. The old headman of the village was very civil, brought offerings of rice, fruit, &c., and said he was glad that there was a chance of a good road or railway being made in these parts. He also said that there had been no white man at Lonjigar since the Surveyors were here, some eighteen years ago.

The Rajah, who is tributary to Bondesor, has gone to Raipur; his two sons called upon me, one 25 and the other 18 years of age. The younger one can read and write Ooriya, the elder has no education. They speak Ooriya and a little Hindustani; the elder is a Shikari and told me he had shot five *tigers*. There are *man-eaters* here, and people are occasionally carried off.—Here I met Mr. Cormac who had come up from Singupore according to arrangements made at Ryaguddah.

The report on his march from Ryaguddah will, I hope, be sent from Bôgor.

The greatest height he has come over between Singapore and this is 1,603 feet; thermometer 52° F. at night.

The people at Lonjigar, as well as at Ombadóla and along the track between the two places, were quite civil, giving correct information and showing the way readily when asked. Nor were they shy; neither men, women, nor children ran away at our approach, as they sometimes do on the Jeypur Hills. The men have a martial look about them.—Height of Lonjigar above M.S.L. 1,396 feet.

25th November; *return to Ombadóla*, while Mr. Cormac marched back to Chothopoor (on the way to Singapore); whence he is to go on to Bondesor, Dádpúr, and Bôgor.

The people say the *monsoon* is over, there will be no more rain, and that the cold weather has set in. However, on the evening of the 25th, heavy clouds were coming up again from the north-east, and it was a warm evening in consequence; but the clouds have gone off southward.

OMBADOLA,
26th November 1881.

K. F. NORDMANN,
Executive Engineer on Special Duty.

VII.

No. 20 B., dated Bôgor, 4th December 1881.

From—K. F. NORDMANN, Esq., Executive Engineer on Special Duty,
To—The Secretary to Government Madras, Public Works Department.

I HAVE the honor herewith to forward the report and "notes" on the progress of the *reconnoissance* from Ombadóla to Bôgor, and from Ryaguddah *vid* Singapore, Bondesor and Dádpúr, in continuation of my letter No. 19-O, dated 26th ultimo (from Ombadóla) and its enclosures. The country traversed is described in detail in the notes.

2. The route from Ombadóla northwards has continued to prove an easy one. The only approach to anything like a *ghát* is a decline which begins on the *summit level*,* 3 miles and 5 furlongs north of Ombadóla. Thence the present track descends by varying, but chiefly easy gradients to the 7th

*87 feet above Ombadóla and 1333 feet above M.S.L.

mile, with a total fall of 220 feet in 3 miles and 3 furlongs, or about 1 in 80. The descent, along the track, at first is rather steep immediately below the summit; but there is no need for such a rapid descent, as there is room to take the line on higher ground along the hill side and so reduce the gradient which need not exceed 1 in 100, if the northern foot of the descent is thrown out as far as the 8th mile from Ombadóla, which is quite practicable. *This is all there is like a ghát on this line.*

3. Mr. Cormac coming from Bondesor joined me here (Bôgor) on the 1st instant. I submit, in original, his report on his march, and an approximate longitudinal section of the country travelled over by him. The altitudes given in his section, though nearly correct are strictly only approximate, as he has only two detached aneroids which read differently from mine (and a thermometer), and had not the "battery" to refer to which came with my camp. Moreover the aneroid readings on the sea coast are wanting to complete the exact calculations. A revised section will have to be prepared when those readings are all received. For this reason I defer, as I have already reported in my last letter, sending the section of my route till I have all the sea coast readings. I hope to send the correct sections from Raipur; meanwhile the approximate altitudes, which are very nearly accurate, are indicated in the notes.

4. It will be seen from Mr. Cormac's report and section that the Singapore-Bondesor route, which passes over the Músa ghát a mile north of Kúndrú, ascends to an altitude of 2,048 feet, and had a considerable ghát to descend on the northern slope; while the highest point reached on the Ombadóla route does not exceed 1,346 feet, near Satikóna, with (practically) no ghát, or only a faint approach to one. Hence, other considerations on both lines being equal, the Bisemkattak-Ombadóla line must be considered preferable, for a railway, to that *viâ* Singapore and Bondesor. Nor is it advisable to take the line from Ryaguddah, *viâ* Singapore and Lonjigar, to Ombadóla, since there is a ghát to cross, 1,603 feet high, between Singapore and Lonjigar (at Tirmui).

5. At Dádpúr Mr. Cormac crossed the trade and old military routes which lead from Chicacole to Kamptee, one *vid* Bateli, Mukuli, Dádpúr, Junágar, Kankér, Wáirágar and Umber (No. 44 in the Quartermaster-General's route book); and the other *vid* Junágar, Karial, Arang, &c. (No. 45 in the same book).

1. From Bondesor *vid* Dádpúr to Bôgor.
2. From Bondesor *vid* Turkel and past Ojarar to Badbeng.
3. From the Músa ghát *vid* Junágar, Daspúr and Manjhér to Karial; or
4. From Manjhér *vid* Borgáon and Polsodar to Kúmúna or
5. From Manjhér *vid* Borgáon, Binapur and Balda to Torbor.

6. The short cuts marginally indicated, which might be obtained by using the Músa ghát, would scarcely compensate for the inconvenience and extra cost that would be caused by that ghát; the less so since those short cuts would have to cross several formidable rivers, besides passing through some otherwise difficult country.

7. Bôgor is 628 feet above M.S.L., 205½ miles from Vizagapatam, and about 160 miles from Raipur by the route *vid* Kúmúna, Nara, and Arang. There is a good bridge site for the Tél Nadi near Bôgor, with rock visible in the bed on the northern bank, and extending most probably across the river, not very deep below the sandy bed. This bed is rather treacherous; in trying to cross this morning, my horse sank with me up to the girths into the quicksand. The water is sufficiently low to permit fording. In heavy monsoons the banks are flooded on both sides; hence considerable embankments will be required in order to have the bridge, as it ought to be, at least 30 feet above the deep bed.

8. The last letters and papers I have received are dated the 13th November. I despatch this post to Bisemkattak by the Tát Rajah's elephant which returns from here according to agreement; thence the packet is to be forwarded by the beat constable to Ryaguddah. I scarcely expect to receive any further tappal until I reach Arang. I write to Ryaguddah and Vizagapatam to redirect to Raipur. I request that all letters may, till further notice, be addressed to "Raipur, C.P., to await arrival."

9. Fever begins to prevail in the camp.

10. We leave this to-morrow for Karial, Kúmúna, &c.

VIII.

Extract from Notes of Reconnoissance, Ombadóla to Bôgor, 26th November to 3rd December 1881.

26th November, Ombadóla.—Went out and examined the lay of the country with reference to the proposed railway.

Traffic.—Thirty pack bullocks from Maringi and Kurpáni, without loads, going to the Nandapúr taluk of Jeypur, *viâ* Kálahundy, to bring down grain, &c.

A hundred and ninety pack bullocks coming from Kálahundy, going to Párvatipúram, with rice, gingelly and mustard seeds, Bengal gram and paddy.

Cooly labor.—This is at present very cheap, there being so little demand for it; except for agricultural operations when the laborers are paid in kind, coolies can be had at 1½ annas per day. If there were a heavy and steady demand for labor, as on a line of road or railway, the daily rate would doubtless be higher.

Artizans.—These are very scarce at Ombadóla. I could get a jungle blacksmith to repair my broken tent poles, but there was no carpenter in the place. Weavers there are, but no tailors or chucklers; anything required in this line by the well-to-do people of Ombadóla has to be procured from Párvatipúram.

27th November, Ombadóla.—Sunday. Dew at night and in the morning. Thermometer at 6 A. M. 55° F. Fine day. Despatched one camp 10 miles ahead to Sorigura *en route* to Bôgor.

From Ombadóla to Bôgor; 28th November, Ombadola to Sorigura.—11 miles 5 furlongs 176 yards. Descent from Ombadóla to Sorigura 269 feet; distance of Sorigura from Vizagapatam 182 miles. Height of Sorigura above M. S. L. 927. Thermometer 6 A. M. 60°.

Through paddy-fields and jungle; at 5th furlong a *stream*, 35 feet wide, 7 feet deep in flood, good banks, gravel bed. Planted topes alternating with jungle and dry crops. Village of *Kumrabal*; small *stream* 10 feet × 4 feet; jungle.

Bijapúram.—Jungle and dry cultivation.

Ishapur.—Jungle and dry cultivation. The road, if so it may be called, is here a broad and well-beaten bullock track leading through jungle.

At 3 miles 5 furlongs 153 yards from Ombadola the *summit level* is reached by a steady and gentle ascent without a ghât or anything approaching a ghât. The summit level is 1,383 feet above M. S. L. and 87 feet above Ombadóla; a rise of 1 in 226 from the latter place.

From this summit begins the descent northwards. A small stream requiring a 6 feet culvert; gneiss rock with quartz and felspar; jungle.

4 miles 2 furlongs.—Village of *Bánpúr*. Dry and wet cultivation, undulating ground.

4 miles 5 furlongs 197 yards.—A *stream* 30 feet wide, 10 feet deep in flood, banks high, rock for foundation on one bank, broken ground, stony soil. A furlong further another small *stream* 9 feet × 3 feet, much rock about here; soil, clay with some kunker; jungle. The easy decline continues.

5 miles 3 furlongs.—Village of *Peramara.*—*Traffic.*—Ninety bullocks from Binka to Párvatipúram with paddy. The ground is irregular, broken and undulating, but there is no obstacle to road or railway.

Three furlongs further a small *stream* needing a 6 feet culvert; some paddy-fields. Hill ridges to the right and left of the track, 3 to 4 miles apart, the hills rising upwards of 2,000 feet above this, well-wooded, fit for coffee, tea and cinchona.

7 miles 176 yards.—Village of *Boreguda.* Some dry cultivation in the midst of jungle. *Traffic.*—Pack bullocks from Párvatipúram going northwards to bring grain.

The fall from the summit level to this is 220 feet in 3 miles 3 furlongs, or about 1 in 80. But this gradient can be eased by keeping on higher ground and throwing the foot of the descent a mile further out, whereby a gradient of 1 in 100 for a distance of 4½ miles may be obtained. *This represents all there is, on this side, in the shape of a ghât.* It is only the present *track* that descends somewhat rapidly (as the section will show) from the summit, but there is ample room, by taking the line on higher ground along the hill side, for an easier descent. The ground is, on the whole easy, and there will not be much hill side cutting required.

8 miles 1 furlong, the country now becomes flat again, the village of *Dengen* on the right. *Kárgati* on the left; near the latter a large pond or *tank* with wet fields under it; some dry cultivation surrounded by jungle, ground irregular and undulating, and cut up by gullies; soil, red clay.

9 miles 2 furlongs.—*Boundary* between the Bisemkattak (Jeypur) and Kálahundy estates, marked by heaps of stones where the line crosses the track. Dense jungle of trees and shrubs; matti wood plentiful; stony soil.

Sigriguppa, the first village in Kálahundy territory; mud and thatch bungalow without windows. From here 4 tracks branch off, *viz.*, to Lonjigar, Bondesor,* Asurgor and Ombadóla. *Forest* of large trees; some good *timber*, especially matti, but little undergrowth.

* *Viâ* Santpúr and Dádpúr.

10 miles 3 furlongs.—*Stream*, waterway 20 feet × 5 feet, high banks, gravel bed. The hill range on the left rises up to nearly 3,000 feet, and is well wooded; small *nullah* 10 feet × 5 feet; abundance of kunker limestone about.

11 miles 50 yards.—*Stream* 25 feet × 6 feet, stony bed, good banks, no rock visible; all jungle, no cultivation.

11 miles 5 furlongs 176 yards. *Soriguro.*—A few huts in a small clearing in the midst of a dense jungle. A kind of wild ginger grows here, the people use it medicinally to heal sores.

29th November, Sorigura to Asurgor.—Distance 10 miles 6 furlongs. Height of Asurgor above M. S. L. 699'; descent from Sorigura to Asugor 228 feet. Distance of Asugor from Vizagapatam 192 miles 7 furlongs. Heavy due in the morning; thermometer at 6 A. M. 57° F. An armed man, sent from Lonjigar to my camp for assistance and carrying sword and hunting knife, led the way.

The track runs alongside of the *Sandul stream* through a dense *forest* of good timber trees, old and young; matti abundant, some yégi, sál and blackwood. An ample stock of timber for railway sleepers, &c.; soil, virgin.

1 mile 6 furlongs 117 yards. Crossed an affluent of the Sandul *stream*, 160 feet wide and 16 feet deep in flood; bed shingle and sand, banks high and low alternately, the lower side flooded in the rains. All virgin jungle and forest here, without a patch of clearing or cultivation for more than a mile. Here I heard the first jungle cock in these parts.

Village of *Padmara*, with a large pond or *tank*; country flat; soil, light clay with sand. In the third mile the jungle becomes lighter; some paddy-fields and dry cultivation; *trees*-ippa, matti, fig, tamarind mango, stunted date, gooseberry and other jungle trees.

Village of *Poremalla.*—Heavy soil; enter jungle again.

4 miles 1 furlong.—An irrigation *tank* newly constructed or repaired by the people of Bákel, a village a mile further north.

4 miles 7 furlongs 114 yards. *Bákel.* A largish village, wet and dry cultivation, paddy and sugarcane, horsegram, ragi, mustard, and gingelly; low hill ridges, east and west, 2 to 3 miles apart.

Olisirka.—The people's swamies or worshipping places here consist of a stump or block of wood let perpendicularly into the ground with its top rudely carved; scrub jungle, much stunted date, long coarse grass; dark clayey soil.

6 miles 2 furlongs. *Talagaon.*—Wet and dry cultivation. The villagers here possess more *cattle* than I have so far seen since Ryaguddah; the village pig is not wanting, nor the pariah dog. I have seen no donkeys for some time, nor dhobies. There is a good deal of open ground around this village; then scrub jungle again. The villagers here understand Hindustani, besides Ooriya.

Half a mile further a pond or *tank*; irrigation is carried on under it as well as round its margin on three sides. Country comparatively open; *good ground for a large camp*; good grass, plenty firewood, water from the Sandul river close by, ample straw and grain, other supplies procurable. The large village of *Norola* to the right; heavy dark soil, no stone or rock.

Sorgigura.—Wet and dry cultivation, numerous cattle.—There are *carts* here with solid wooden wheels, 4 feet diameter, made of three segments; wooden axles.

8th mile.—Nearing the village of *Mandel*, a *tank*, gardens of sugarcane, rice-fields, a few young trees planted, fenced in and taken care of. The village is of a good size and there is much cultivation all round; soil nearly black; country open. From here leads a track to Bhavánipatnam (which is the popular name used about here for Bondesor.)

10 miles 6 furlongs. *Asurgor.*—This village has been of some importance in former times, but is now insignificant. There is a large *tank*. The village is situated in a rectangular enclosure of earthen ramparts (an old fort) about one-third of a mile square, with a moat round it that can be filled from the tank. In the moat some paddy is cultivated, and red and white lotus flowers grow extensively. A fine *mango tope* for camping, south-west of the old fort, just under its ramparts and near the moat. Near this tope will be the most suitable site for the future railway station.

Trees.—Tamarind, wild fig, ficus religiosa, mango. yégi, ippa, sál, matti, the wild silk cotton tree and other jungle trees; also several kinds of acacia, among them the tree (I forget the name) of which the bark is used in the south for the manufacture of arrack.—I have met no sandalwood as yet in the jungles.

30th November. Asurgor to Bógor.—Distance 12 miles 4 furlongs. Height of Bógor above M. S. L. 628. Fall from Asurgor to Bógor 71 feet. Distance of Bógor from Vizagapatam 205 miles 3 furlongs; from Raipúr about 165 miles.

The Police Inspector and the Kotwal from Bisemkattak, who had accompanied the party so far and been very useful, the one in arranging for supplies and coolies and the other in acting as guide, returned from here. A Sowár mounted and armed and a minor official, sent by the Officiating Dewán of Bondesor to assist the camp, joined this morning.

Thermometer 6 A.M. 58° F.

Crossed the *Sandul river*, 19 feet deep and 170 feet wide in flood. Three 50-feet spans required. Rock for foundations of piers and abutments; gneiss mixed with quartz and conglomerate; kunker limestone near the spot.

Enter light jungle, with fields of dry cultivation here and there; soil, heavy clay, nearly black.

Village of *Borgáon.*—Open country around, extensive wet and dry cultivation, the former under a *tank*. There are no sluices in the bund of the tank; the water is lifted up by picotas into wooden troughs laid across the bund and so let into the fields below the tank. There I

saw wild geese and duck, some cranes, plover, white gulls, and the first brace of snipe since Parvatipuram. *Cattle* are numerous about here.—Rice is packed for carriage in bags (about a cubic yard in capacity) made of straw ropes worked together in a manner similar to rattan basket work.

Village of *Sétirpalli*.—Some cotton was being cleaned here by the ordinary hand-machine (Chúrka). A tope of young mango trees, about 5 years old, is being attended to; extensive rice-fields; dry crops: gram, cotton, ragi, gingelly, castor-oil, mustard, chillies, beans, gourds, pumpkins, and tobacco.

Trees.—Bhér, ippa, tamarind, mango, jack; fig; soil, lighter than before, more sand in it.

Village of *Bólaspúr*, with a *tank*. Then jungle again with a few patches of wet and dry cultivation; some rock. From here tracks lead to Bánpúr (N.E.) and Dádpúr (S.W.)

4th mile.—A small *stream* requiring a bridge 18 feet span × 9 feet high; sandy bed, good banks; jungle again.

Domsilát.—Half a dozen huts in the jungle, with a few fields; then dense jungle on light soil; the sand on the track shining with small particles of quartz and feldspar, and dust of mica and pyrites.

Torla.—Five huts in a small clearing surrounded by jungle.

Six miles 7 furlongs, crossed the *Dhéron stream*, 65 feet wide between the banks which are 7 feet high and occasionally flooded to a further depth of 7 feet for some distance. Total width 162 feet, depth 14 feet. The railway would keep on the right bank of the stream, near *Kokormal*, and cross a mile to the east of *Kandel*.

Korlakuta.—A dozen huts in a jungle clearing, with a few fields; then jungle; much kunker limestone is here lying about the surface.

Kandel.—A dozen huts in a large clearing in the jungle. A few rice-fields and some dry crops.

The *river* to be crossed a mile east of Kandel is 245 feet wide and 16 feet deep in flood, when the low banks which are about 8 feet high are covered to a further depth of 8 feet for some distance. The bed is sandy, no rock visible. Five 50-feet arches, crown 20 feet above deep bed, will be required. A few fields cultivated; then jungle again; soil, light clay with sand.

Dammermurra.—A few huts in a small cleared space surrounded by jungle. A crude "still" for the manufacture of alcoholic liquor from the flowers of the ippa tree was at work here. There are very few fields about the place; jungle again.

Limpora.—Some open ground and a few fields; some sugarcane, then light jungle. A small *nullah* 11 feet × 4 feet. A *tank* with rice-fields under it; then *Bógor*, 12 miles 4 furlongs.

1st December.—*Bógor*. Thermometer 6 A.M. 47° F.

Mr. Cormac arrived from Bondesor; all well in his camp, except one lascar and one mahout who have fever. Mr. Cormac's report and notes of reconnaissance taken during his march, as well as a section of the country gone over by him, accompany this. We are busy with accounts, reports, maps, observation of instruments, calculations of altitudes, &c., and with general camp duties. The weather is fine; the nights are cold.

Fever begins to prevail in the camp; the Dresser, the Hospital Servant, the Writer, one Police Constable, three Lascars and several servants are laid up with it.

There is much white and reddish *quartz* about here; my camp stands on a bed of gneiss and quartz. A hill near this consists of the same minerals. There is also some porphyritic granite, with feldspar in large crystals, thickly scattered over the surface in white blotches, often rectangular in shape. The quartz is full of shining specks, white and yellow, leaflets that can be detached with a pen-knife, probably mica and pyrites, as well as glistening grains of some metal, and little nodules of peroxyde of iron embedded in the quartz. I will forward from Raipur a few samples, both pulverized and solid, for chemical analysis and assay, if it be considered worth while to have this done.

Despatched a messenger, one of the men from Bondesor, to the Zemindar at Kariál to see about arrangements for supplies, coolies, &c., *en route* to that place, as nothing seems to have been arranged so far by the Kariál people, and without their authority nothing is to be had.

2nd December, Bógor. Thermometer 6 A.M. 49° F.

Occupied with office duties, as yesterday.

3rd December, Bógor. Thermometer 6 A.M. 49° F. Went out to examine the *Tél river* and find a suitable crossing. The bed is treacherous and will in some places not support the weight of horse and man.

No *tappal* received in camp for more than a fortnight.

BÓGOR,
4th December 1881.

K. F. NORDMANN,
Executive Engineer on Special Duty.

IX.

MR. CORMAC'S REPORTS.

18th November, camp Comellypettah; height 703 feet above M.S.L.

Distance from Ryaguddah, 5 miles 2 furlongs 176 yards.

At one-eighth mile crossed a river (50 feet × 9 feet) with stony bed, banks not well defined. Passed a Khónd village (Santally) 1¼ miles from Comellypettah; from that village the country is broken by ravines; low jungle prevails and continues to Coormpettah, a large village principally of Telugu people.

The country here is well cultivated, soil light and sandy, the hills on the west are well wooded, and are about one mile distant. Camped at Dorabada, where there is a large area under wet cultivation. The track to this point runs about one mile from the hills and parallel with them. There is a good camping ground beyond the village and a well of good drinking water. The land in the vicinity is fully cultivated and well irrigated; the villages round about, as well as this, are peopled with immigrants from the Kurupam taluk near Parvatipuram.

19th November, camp Dorabada; height 835 feet above M.S.L.

Distance from Comellypettah, 7 miles.

Difference in altitude + 132 feet.

Passed along the foot of the hills to the west of the valley through well cultivated land (chiefly dry cultivation), the ground having a slight inclination to the east. About 3 miles from Dorabada the track crosses several deep ravines and much broken ground with patches of dry cultivation here and there. At 7¼ miles from Dorabada the track runs parallel with the Nágavully river, and crossing a large stream (138 feet × 8 feet, banks not well defined, bed stony) at 8½ miles distance, enters upon a fine open valley where there is a good camping ground and good drinking water near the village of Shikárpoy; there is a large sugarcane plantation at this place, and the country round about is well cultivated; the rice crop which covered a large area has been harvested.

20th November, camp Shikárpoy; height above M.S.L. 992 feet.

Distance from Dórabada, 9 miles 1 furlong.

Difference of altitude + 157 feet.

The track from this village runs nearly parallel with the Nágavully river up to Singapore; the river valley is about 2 miles across, and the cross section is almost level. Fully two-thirds of the valley is under cultivation, chiefly dry crops. Four streams, one requiring a span of 15 feet, one of 16 feet, and two of 20 feet were crossed up to 3¼ miles from Shikárpoy. Here a large stream requiring a span of 30 feet was met with; the banks of this stream are not well defined, and the bed is stony.

The village of Narainpoorum (4 miles) possesses a small pucka *temple*, the first seen since leaving Ryaguddah. At 4¼ miles distance a stream requiring a span of 40 feet was crossed, banks not well defined, and bed sandy; and at 5¼ miles another stream requiring a span of 80 feet, bed rocky, banks well defined.

At Singapore crossed the Nágavully, requiring a bridge of three openings of 40 feet each; bed sandy, banks not well defined. The *produce* (which is much in excess of local requirements) of the country generally from Ryaguddah to Singapore is rice, ragi, cholum, sugarcane, horse-gram, green-gram, gingelly, linseed, and hemp. The *trade* chiefly consists of the food-grains named previously and gingelly, castor-oil, hemp, linseed and hides; the track followed by me is the trade route from Junágar and Bondesor. In the forests the timber chiefly found is jack, yégi, matti, ippa, mango, and blackwood.

At Singapore ordinary smiths and carpenters are obtainable, their hire being 4 and 5 annas per day, ordinary cooly hire is 1½ annas per man per day; this is generally paid in kind. The country is but sparsely populated, and there is space for a large number of immigrants, especially north and east of Singapore.

22nd November, camp Singapore; height above M.S.L. 997 feet.

Distance from Shikárpoy, 7 miles 2 furlongs.

Difference of altitude 5 feet.

Passed through the town of Singapore by the fort of the Rajah, a space enclosed by a mud wall about 12 feet high and 6 feet thick with a thatched coping; the buildings inside being of mud and thatched.

Beyond the town the country is open and under dry cultivation; over a large area the stumps of sál trees are still standing.

The track runs along the watershed of the San and Bodo rivers, until the San is crossed near Palkonianah; the banks of the stream which flows at the bottom of a deep ravine are not well defined, the bed is sandy, span required 70 feet × 10 feet.

At 4-3-190, track to Bondesor diverges.

At 5¼ miles distant from camp another stream flowing at the bottom of a ravine is crossed, the bed is rocky, and banks not well defined; between these two streams lies the village of Palkonianah, round which there is a large area of dry cultivation. After crossing the stream the track enters dense jungle, and crosses several smaller streams, entering a clearing of about 6 acres near Tirmui, where there is a good camping ground and good water; the jungle is very thick, and it was with difficulty that the elephants passed through it.

Here see section from Palkonianah to Loujigar.

23rd November, camp Tirmui; height above M.S.L 1,602 feet.
Distance from Singapore, 10 miles 5 furlongs.
Difference of altitude + 605 feet.

On leaving camp, entered dense junge which continued for 3½ miles, when the village of Narraindong was reached; the country from this place is well cultivated and under sugarcane, and rice quite up to Lonjigar, where a halt was made. Just before entering Lonjigar, the Bongsdara was crossed, banks are well defined, and the bed stony, requiring a span of 40 feet × 12 feet. The *forest* abounds with sál, yégi, matti, jack, mango, ippa, and blackwood trees; the soil is rich loam, except at the small ghâts where it is rocky. The track is evidently not much used, and probably only the produce of the south of the Lonjigar valley is conveyed by this route.

The country from Singapore to Lonjigar is very thinly populated, and there is ample room for a large number of immigrants. The crops produced are chiefly rice, ragi, gram and sugarcane. There is a good *camping ground,* and good water obtainable.

26th November, camp Palkonianah; height above M.S.L. 1,158 feet.
Distance from Singapore, 4 miles 4 furlongs.
Difference of altitude 161 feet.

Skirted the side of a hill, through jungle, for five-eighths of a mile, passing south of the village of Chothopoor which is surrounded by wet cultivation; and at 1¼ miles passed through low jungle with a small patch of dry cultivation on the south.

At 1⅝ miles crossed low ground under paddy cultivation and entered the village of *Moondeegoodah*; here met hides coming from Junágar.

At 2⅜ miles joined the regular track of the Brinjarries from Singapore; this track lies on the watershed of the Bodo and the San rivers and has a very gradual ascent.

At 2½ miles distance crossed the *San river* (banks well defined, bed sandy, and requiring a waterway of 60 feet × 10 feet), passed up the valley (about half a mile broad and with an almost level cross section) of a small stream up to a low saddle, skirted the side of a hill, crossed a second saddle and entered upon a wide open valley (well cultivated) in which stands the village of Bijepur. The ascent to this is very gradual and might be made practicable for carts at a small cost. The track continues along the valley (ascent very gradual) which is broad and open and nearly level across up to spot marked *Nisanpur* on the map, where the camp was pitched. Up to this the country from Bijepur is well cultivated, both wet and dry, the dry being chiefly lamp-oil seeds. The soil is a sandy, reddish clay, camping ground good and good water procurable. The hills on each side of the valley are well wooded, and several topes of large mango trees were passed.

27th November, camp near Kundru; height above M.S.L. 1,757 feet.
Distance from Palkonianah, 9 miles 4 furlongs.
Difference of altitude + 599 feet.

Left camp, proceeding up the valley of the Kundru stream, which is crossed several times by the track (but which may be avoided) through dense jungle (which had to be cut to permit the passage of the elephants) to the head of the *Músa ghât,* which is 2,047 feet above mean sea level.

With the exception of the last furlong, the ascent is so gradual that the track may be made practicable for wheeled traffic for a small outlay, and no difficulty will be experienced in the last furlong. From the ghât head, on the Bondesor side, the gradient is very steep for 1⅛th miles to the foot, whence it runs with a gradual descent for four miles through dense jungle to the camping ground. Good water is procurable, and the camping ground is good.

Owing to the heavy jungle, it was not possible to see much; but from what was observed of the hills, the difficulties attending the opening out of a good ghât road, with a gradient of 1 in 22, will be very slight, as apparently little more than earthwork will be necessary.

28th November, camp Majigaon; height above M.S.L. 915 feet.
Distance from near Kundru, 6 miles 6 furlongs.
Difference of altitude 842 feet.

Left camp along the valley of the Patna river which was crosssd about 5 miles distant, and proceeded nearly parallel with the course of the Simli Jor which was crossed near *Beheragura,* about 9½ miles from last camp; all this distance was traversed through dense jungle, passing only two small patches of cultivation.

The village of Beheragura stands in an open piece of ground, but there is very little cultivation near it, and it has the appearance of being almost deserted. From thence the track continues through low jungle quite up to Bondesor, where there is an excellent camping ground; good drinking water has to be brought from a distance.

Between the foot of the *Músa ghât* and Beheragura there is a large area of land available for immigrants; the soil is good and fertile.

In the forest one matti tree was measured and found to be 13 feet in circumference, 6 feet above the ground; there is sál, jack, yégi, ippa and mango in any quantity, and also small bamboo.

Limestone is procurable (nodular kunker) in abundance; iron is found and worked in Bondesor, nearly every person met being armed with an axe of local manufacture.

The *climate* is said to be unhealthy, but with so much jungle this may be expected; the working season would be from November to July; the country would be difficult to travel in during the remainder of the year on account of the rains.

The chief *trade* is in rice, gingelly, Bengal gram and linseed; this is chiefly exported from Junágar, the route to that place diverges to the west about 9 miles south of Bondesor.

Fully 600 Brinjarries pack-bullocks were met from Junágar this day with rice and Bengal gram, and about 200 (empty) on their way to the same place.

A few *bricklayers,* carpenters and stone-cutters, live at Bondesor, and are said to receive 8 annas each per day; judging from the description of the buildings in the town, very few have been employed, as only two tiled houses were seen, besides the house of the Rajah, which is of brick in clay, but is incomplete.

The jail is a wattle-and-daub structure with a thatched roof; the prisoners (about 90) are employed in making roads; a few also make carpets.

A kind of cloth resembling Tassa silk is manufactured in this part of the country.

It was ascertained that rice is being sold in Bondesor at 50 seers per rupee, and at Singapore only 32 miles distant at 12 seers per rupee; this fact shows the necessity for improved means of communication between the two places.

The Acting Dewán of Kalahundy was exceedingly attentive and gave every assistance in his power; without his help it would have been very difficult to obtain supplies, as the villages passed are small and do not possess any bazaars.

30th November, camp Bondesor; height above M.S.L. 279 feet.
Distance from Majigaon, 11 miles 3 furlongs.
Difference in altitude 186 feet.

Proceeded through the town of Bondesor, emerging from it at three-fourths of a mile from starting point. From limit of town to 2 miles passed through wet cultivation and thence through a well-cultivated country to Bijepur, 5¾ miles distant from Bondesor. From this place the country has a most deserted appearance, land previously cultivated having been abandoned.

At 7¼ miles passed through the village of *Dádpúr,* consisting of about 200 thatched houses and with a small area under cultivation near the village. The country is partially cleared of jungle where not cultivated, and heavy jungle is not seen except on the hills.

At 3¼ miles beyond Dádpúr crossed a small ghât through thick jungle, and at 4½ miles crossed a river with sandy bed and well-defined banks, requiring a waterway of 80 feet × 15 feet. There is a good *camping ground* and good water at Komári; country more or less rocky.

1st December, camp Komári; height above M.S.L. 558 feet.
Distance from Bondesor, 13 miles 5 furlongs.
Difference of altitude 171 feet.

On leaving Komári, passed through patches of cultivated land, surrounded by partially clear jungle; the appearance of the country here gives the impression that it has been more populous, but has been deserted, there being traces of cultivation all along.

At 2½ miles crossed a stream with stony bed, and banks not well defined, requiring a waterway of 50 feet × 6 feet.

Up to 3¼ miles passed through country covered with long grass, *at Jujrang,* (3¼ miles) where patches of cultivated land and partially cleared jungle continued to 5½ miles, up to the village of *Uthekela,* round which also is some cultivated land.

At 8¼ miles passed the village of Boria, on high ground; open country all round, and wet cultivation to east.

At 9½ miles crossed a *river, the Ret Noi,* with sandy bed and well-defined banks, requiring a waterway of 250 feet × 15 feet.

At 13 miles 2 furlongs reached *Bógor*; height above M.S.L. 628 feet.

Along the last five miles of this journey a tolerably level road was traversed, without any surface covering of gravel or metal, but with side drains and recently planted avenue trees at intervals; this road runs from Bondesor to Sumbulpoor, and is said to be fairly practicable for carts.

Bógor,
4th December 1881.

J. CORMAC,
Sub-Engineer.

K. F. NORDMANN,
Executive Engineer on Special Duty.

X.

No. 24R., dated Raipúr, the 6th January 1882.

From—K. F. NORDMANN, Esq., Executive Engineer, on Special Duty,
To—The Secretary to the Government of Madras, Public Works Dept.

Submits Report of Reconnaissance from 5th to 30th December, with Sections.—I have the honor herewith to submit the report on the reconnaissance from Bógor to Raipúr (5th to 30th December 1881), together with an extract from my notes taken *en route.*

The sections will follow in a few days, *i.e.,* as soon as all the aneroid observations, taken on the coast up to date, have been received. I request that all the altitudes, entered in my previous reports, may now be corrected according to the figures given in the sections, which are final and accurate.

2. *March from Bógor to Onki.*—The party crossed the Tél Nadi near Bógor on the 6th December, and marched along the left bank of the Sunder river, *viâ* Bodkapodór, Badbeng, Túkla, Kariál, Kolinga, Kúmúna to Torbor, thence across a low watershed and through some very dense jungle, *viâ* Kandamuri, Sialjóri and Jalbal, into the valley of the Jong river, and along its right bank to Onki.

3. *From Jalbal to Raipúr.*—Returning from Onki to Jalbal, the reconnaissance was continued *viâ* Nara, Súarmál, Kopli, Batrapáli, Telibanda, Umarda, Mahásamund, Kharóra and Belsóra to Gorári, where the Mahánadi was crossed; thence to Arang, where I halted a few days to give the people and cattle some rest, and then along the Sumbulpoor road to Raipúr, the distance of which from Vizagapatam by this route is 372 miles.

4. *Crossing of the Mahánadi.*—Gorári is the best place to cross the Mahánadi about here, as the banks are well defined, and the river is not so wide as in the adjoining reaches above and below.

There is a still better crossing near Lound, some 50 miles north-east of Arang, but it is too far away from this line.

5. *General character of the line.*—The ground traversed all the way from Bógor to Onki, and from Jalbal to Raipúr has been, practically, almost level; that is to say, the slopes have been very easy, and the gradient need never exceed 1 in 100. Bógor is 628 feet and Raipúr 962 feet above sea level.

The greatest elevation reached between the two places is at Bagbáhra, *viz.*, 1,084 feet; while Onki is 899 feet above mean sea level. The entire route is perfectly easy, there is no obstacle of any sort for either road or railway, and there are only three large rivers to be crossed, named the Tél Nadi, the Jong and the Mahánadi.

6. *Building materials, labour, soil, wet and dry crops.*—Building materials, such as stone, timber, clay and sand, limestone and iron, are abundant; and labour is to be had to such an extent as the somewhat sparsely populated jungles will admit.

The soil is rich throughout; rice and sugarcane, besides the ordinary dry crops, are grown along the whole line; the irrigation expedients for the wet crops being of the most primitive kind, yet quite sufficient.

7. *Recommends that the line viâ the Músa Ghât and Bondesór be finally rejected.*—I have already recommended (in my letter No. 20B., dated 4th December 1881, paragraphs 4 to 6,) that the line *viâ* Bondesór may be rejected for the purposes of the proposed railway, owing to the obstructions offered by the Músa Ghât; likewise the Lonjigar line, on account of the high elevation attained, (upwards of 1,600 feet) at Tirmui.—Hence, if the railway is to be taken east of the Noagarh Hills, the Ombadóla line seems the best.

8. *A line from Asurgor to Sónpoor and Sumbulpoor.*—It is apt to strike any one looking at the map that, having arrived at Asurgor, this line seems naturally to trend in a northerly direction to Sónpoor and Sumbulpoor (crossing the Tél Nadi near Turla), rather than to Onki or Raipúr. Asurgor is about 125 miles from Sumbulpoor, nearly the same distance from Onki, and 180 miles from Raipúr; so that by joining the Chattisgarh line at Sumbulpoor or Onki, instead of Raipúr, a saving of 55 miles could be effected. But, so long as it is not definitely settled whether the railway from Nandgáon (the present terminus of the Nagpúr-Chattisgarh line) is to come to Raipúr at all and cross the Mahánadi twice, at Arang and Sumbulpoor, or to go to Bélaspur without crossing the river, it seems premature to discuss the merits of a line from Asurgor to Onki or to Sumbulpoor.

9. *The route recommended by the Commissioner of the Chattisgarh Division.*—As regards the route travelled over by the Commissioner, Colonel Lucie-Smith (alluded to in the papers which accompany G. O. No. 3025 W., dated 5th December 1881), that portion of it from Bondesór to Polsodar may now perhaps be left out of consideration, since the railway is not intended, I think, to cross the Músa Ghât, and consequently will not touch Bondesór. From Polsodar to 5 miles north of Torbor, a distance of about 30 miles, the route traversed by the Commissioner coincides with my line; as does also that portion from Mahásamund to Raipúr, another 30 miles.

The only part of the route, where his line deviates from mine, is that between Tarnot and Mahásamund, about 45 miles; his line going from Torbor *viâ* Limdi, Tarnot, Sarabong, Tendubarra, Sirgidi, Bodrabanda, Kamaria and Karti, while mine (which may be 5 miles longer than the former) proceeds *viâ* Sialjóri, Jalbal, Nara, Súarmál, Bagbáhra Patrapáli, Telibanda and Umarda to Mahásamund.

10. *Objections to the above route.*—Although the line travelled over by the Commissioner may be unobjectionable for an ordinary cart road, yet for the purposes of a railway there are two obstructions in the way. These are a small ghât 2 miles south of Tarnot, between that place and Góbra, and a heavier ghât at Sirgidi, where Colonel Lucie-Smith says that he had attained an altitude of 1,500 feet. These two small ghâts, I consider, offer sufficient grounds for rejecting that line for a railway, when an easier line without any ghât is available by making a slight détour.

I was informed of the Tarnot and Sirgidi line by the Rajah of Kariál (as mentioned in my notes dated 9th December), but from the description I heard of it I did not consider it a suitable line for a railway, and hence did not reconnoitre it.

11. *Faulty Tappal arrangements at Ryaguddah, and delay in receipt of telegram, dated 1st December.*—If I had received G.O., No. 3025 W., dated 5th December 1881, and your telegram, dated 1st December, in time, I should nevertheless have examined this line; but the tappal arrangements made at Ryaguddah were very faulty.

No letters or papers reached me for nearly six weeks, *i.e.*, from 14th November to 23rd December, on which date the printed Government Order, alluded to, containing your telegram, was delivered to me. This was the first intimation I had of the despatch of that telegram. A copy of the telegram, posted at Madras on the 1st, which had been to Ryaguddah and thence returned to Vizagapatam, reached me only on the 26th December at Arang. I had then left Bondesór, 150 miles behind me; and, looking to the work still to be done between this and the hot weather, and the uncertain state of the health of my establishment, I thought I should not be doing the right thing if I turned back, or sent Mr. Cormac back, the more so since I had already pronounced against the line in question.

12. *Consultation with the Chief Commissioner, Central Provinces, and the Commissioner, Chattisgarh Division.*—I went to see the Chief Commissioner of the Central Provinces, Mr. Morris, who was here on tour, and the Commissioner of the Chattisgarh Division, Colonel Lucie-Smith, as soon as I reached Raipúr on the 30th, and explained my views with regard to the Músa Ghât and the route *viâ* Tarnot and Sirgidi; and I believe both these gentlemen agree with me that, although the latter route may be very suitable for a road, it is objectionable for a railway, on account of considerable ascents and descents and the high altitude attained, while there is an easier route running parallel to it which is but very little longer.

13. *Readiness of Native Chiefs to forward the post.*—I do not know who is to blame for the faulty tappal arrangements at Ryaguddah. I believe the Sub-Magistrate there had orders from the Collector of Vizagapatam to forward the post after me, and I instructed him to despatch a post twice a week; but he only did so until I reached Ombadola, not after that; although the Tát Rajah at Bisemkattak and the Zamin at Ombadola were quite prepared and willing to send letters to follow me as far as Kárial; while the Bondesór Ráni would have sent them on to Raipúr, if necessary. A Bondesór Policeman actually walked 120 miles through the jungle in four days and brought me a letter (*vide* "Notes," dated 20th December), which had been sent by the Commissioner of Chattisgarh Division *viâ* Sumbulpoor, and had been delayed *en route*.

14. *Traffic along the route.*—On the whole I have not met much bullock traffic on the route traversed; but this may be owing to the season, just after the monsoon, when the crops have only just been harvested. However, from my own recollection, the traffic from Raipúr, Nagpúr, and Bustar, *viâ* Jeypur and Potinghy, and down the several ghâts in that direction, is very much heavier than by this route.

15. *Acknowledgment of assistance rendered to the party.*—I have to record my obligations to the Jeypur Rajah's Amins at Ryaguddah and Ombadola, the Tát Rajah at Bisemkattah and his Kotwal; the Police Inspector of Bisemkattah; the headmán of Bógor village; the Ráni of Bhavanipatnam (Bondesor), her Dewán and other officials; the Rajah of Patna; the Rajah of Kariál and his most obliging police officers; and the zamindars of Nara and Súarmál, for their readiness to assist the reconnoitring party in every way, with information, guides, coolies, camp supplies, &c. Without their willing aid it would have been very difficult indeed to traverse those wilds. Even so it was sometimes very trying work to push on, without unnecessary delay, through almost trackless jungles, with such a large camp, the sick having to be carried in improvised dhoolies; but we managed to push through without losing a man, and attended to our survey. Mr. Sub-Engineer Cormac has given me most valuable assistance during the whole journey, and the Hospital Assistant, P. V. Ramaswamy Naidu, has looked well after the sick.

16. *Another set of Ordnance Maps asked for.*—I beg to request that another set of ordnance maps (scale 4 miles to the inch), comprising the sheets containing Raipúr, Sumbulpoor, Jeypur, Vizagapatam and the intermediate country, may be mounted in one large map on rollers (similarly as I have had the first set mounted), so that I may on my return mark thereon the lines traversed and the exact location of the proposed Railway by the several routes; since the map with me is somewhat the worse for wear, and I have only been supplied with one set of maps, but not with the duplicates, as mentioned in paragraph 8 of G.O. No. 2294 W., dated 16th September 1881.

17. *Two more Aneroids wanted.*—I also request that two fresh aneroid barómeters may be sent to Nárangpur, to await my arrival there, as two of my aneroids have become unreliable.

18. *Letters how to be addressed.*—Letters despatched after the 15th instant should likewise be addressed to "Nárangpur, care of the Postmaster, to await arrival." I have made arrangements for letters to be sent after me from Raipúr as far as Noagarh.

19. *Proposed details of reconnaissance from Raipúr southwards.*—The reconnoitring party will leave Raipúr in a few days, as soon as all the office work that has to be done is disposed of. Mr. Cormac's party will march *viá* Dhamtari and Kankéir through a corner of Bustar, *viá* Banskót to Omorkót, while I shall proceed *viá* Rajim, Kopra, Paregáon and Noagarh to Raigarh and Omorkót; thence we march together to Nárangpur where I expect to be about the 8th February, reaching Kuraputi about the 14th idem. At Kuraputi I propose to halt a week or ten days to bring up arrears of reports, sections, &c.

20. *The Revenue Subordinate not yet joined.*—A Revenue Subordinate (as provided for in paragraph 15 of G.O. No. 2294 W., dated 16th September 1881) has not yet joined the reconnoitring party.

The Agent at Vizagapatam states, under date the 2nd December, that he has been unable to find a qualified gumastah, and that he has telegraphed to the Agent in Ganjam to send me a man who knows the necessary languages.

Nothing further has been heard on the subject.

Meanwhile I have had to employ two inferior men, one from Párvatipuram, the other from Ryaguddah, who between them share the pay intended for the qualified gumastah; one of these men is attached to Mr. Cormac's party and one to my own.

XI.

Extract from Notes of Reconnaissance from 5th to 30th December 1881.—Bógor to Raipúr, distance 166 miles.

Bógor, 5th December 1881.—Thermometer 6 A.M., 48°; 10-30, 65°; 4 P.M., 77°. Despatched one camp ahead.

Received a letter from the Officiating Dewán of Bondesor, saying that a parwána (order) from Sumbulpoor, dated 14th ultimo, to render assistance to the party, had reached him only on the 1st December, and that Her Highness the Maharáni had directed him to send orders along the route to Kariál accordingly.

The Dewán sent a specimen of a metallic ore, found near Bondesor, containing antimony and graphite; he also sent some rose-coloured stones (probably spinel rubies) found near

Manjhér. Among the fruit, vegetables, pastry, &c., politely sent by the Maharáni of Bondesor, were some very delicate leafy cake of the finest texture, some sweet large yellow oranges with loose coats, besides tomatoes, radishes, kholl-kohl, yam, spinage, and large brinjals the size of melons.

The Dewán and the young Rajah's tutor are the only English-speaking persons in Bondesor. The Rani and her officers and policemen have been most attentive in providing camp supplies, guides and coolies.

From Bógor to Kariál.—Distance 38 miles, 3 furlongs.—*December 6th, Bógor to Bodkapodór.*—8 miles, 7 furlongs. Thermometer 6 A.M., 50°; 11 A.M., 77°; 4 P.M., 78°.

1 mile, 5 furlongs; bank of the Tél Nadi.—We had to wade through the river, as the sand was too soft and yielding for riding. The river from bank to bank is 1,560 feet wide and 20 to 25 feet deep between the banks; but these are flooded in heavy monsoons to a further depth of 5 feet at least, so that the bridge would have to be quite 35 feet above the deep bed. On one bank there is rock visible which probably extends across the river not very deep below the sandy bed.

2 miles, 7 furlongs, village of Móhda.—Wet and dry cultivation.

Soil.—Heavy clay, with some sand and some gravel.

Crops.—Cotton, gram, gingelly, lamp-oil, castor-oil, ragi, mustard, tobacco, vegetables, paddy and sugarcane.

Dungripara.—Some dry cultivation; country open.

Gontaballi.—Like most of the villages here, built upon a high and dry site. The ground is somewhat undulating; the open country with its scattered trees has a park-like appearance; there is a little light scrub jungle; good grass land.

Serka.—Fine, open country; high and dry ground; hard soil; many trees about.

6 miles, 106 yards.—A stream flowing into the Sunder river. This stream is not marked on the map. It is 9 feet deep and 50 feet wide in flood; high banks and sandy bed; no rock visible.

Open grass country, with some trees and shrubs, and some cultivation. Half a mile further, the large village of *Udepúr*.

There is a peculiar *temple* here, and another at Gurár, a little further on. The structure is built of stone in the shape of a flask with broad stopper; or a lime kiln with a crown or cap,* about 20 feet high, with the greatest diameter 8 feet, and a door 2 feet × 5 feet. The top ornament, resembling the stopper or cap, is a single flat stone carved at the edges, about 5 feet in diameter and a foot thick.

7 miles, 3 furlongs. Gurár.—Large village; fine tanks; sugarcane, rice and dry crops; much garden cultivation by means of numerous *wells*, 3 feet in diameter, 15 to 20 feet deep, worked by a kind of picota; the mouth of the well mostly unprotected. Soil, light.

8 miles, 7 furlongs, Bodkapodór.—Good camping ground. Light sandy soil.

A rich metallic *ore* crops out in masses above the surface, containing much pyrites, mica, iron; and to all appearance copper, antimony, bismuth, arsenic, traces of silver, and probably gold. Specimens will be sent from Raipur.—Height of Bodkapodór above mean sea level, nearly the same as Bógor, *viz.*, 618 feet.

Distance of Bodkopodór from Vizagapatam 214 miles; from Raipur about 151 miles. The country is better cultivated here; the villages are larger, and there is less jungle about than I have met hitherto since leaving Ryaguddah; the people are more civilized too, they stipulated for payment for labour, supplies, &c., beforehand, whereas further south they were satisfied with what they received, and frequently did not ask for payment, sometimes even refused it when proffered.

December 7th.—Bodkapodór to Sorman.—Distance 11 miles, 7 furlongs. Thermometer 6 A.M., 53°; 11 A.M., 81°; 4 P.M., 79°. In the first mile a *stream*, from which a small irrigation channel is taken off. Bed sandy, one bank high, the other low, alternately; no rock visible; greatest width and depth in flood 110 feet and 9 feet respectively.

2 miles, 7 furlongs, 116 yards. Kuland.—A large village, with extensive cultivated fields, both wet and dry.

The country open, no jungle here; a *mango tope* near the village; also two tanks, one large, the other smaller. The country here looks prosperous, and the people (who are dressed to some extent) look well-to-do.

Almost all the ground, except the hill sides, is cultivated; there is scarcely any waste land to be seen in the plain.

After this the ground rises and becomes undulating; there is less cultivation, and some light scrub jungle.—At 4 miles 2 furlongs, there is a sheet rock composed of a kind of conglomerate with metallic lustre and traces of iron and copper.

Kunkur limestone is found all over the country.

The railway line from Bógor should hug the northern bank of the Sunder river, keeping an average distance of half a mile or so from it, as the ground further north rises rather rapidly towards the hills and is undulating and in places somewhat irregular.

Gondergura.—Village with a large tank; rocky hillocks dotted about.

5 miles, 2 furlongs, 144 yards.—A stream with perpendicular banks, 8 feet high, and sandy bed; no rock. Width and depth in flood 110 feet and 7 feet, respectively.

* Somewhat like the tomb-stones in the cemetry of Scutari.

Village of *Daíton*, small; little cultivation; some jungle; hilly and undulating ground; soil, dark clay.

7 miles, 4 furlongs. Village of Itchegáon.—Wet and dry fields; soil, dark clay with some sand. Open, flat country.

Then a *tank*.—Then the Village of *Porsasora*, with tank and tope; light soil; good camping ground.

All the villages about here are built on rising ground. Ground slightly undulating.

9 miles, 3 furlongs. Bálbeng.—Large village; there are *weavers* here.

11 miles, 7 furlongs. Sorman.—A small place, at the foot of a hill; supplies scanty. Much wet cultivation in the lower grounds towards the river. Height of Sorman above mean sea level 638 feet. Distance from Vizagapatam 226 miles 2 furlongs; from Raipúr about 139 miles.

A Policeman from *Bishapatnam* (on the map called Sindikola) 2 miles from here, belonging to the Patna Zemindar's establishment, came to see about supplies, &c.—Much fever in camp; ten to twelve people more or less laid up with it; some have to be carried on the elephants and in dhoolies.

One of the large tents from Coimbatore (that had been blown down in the rains at Bisemkattak, had one pole and the ridge piece broken and was temporarily repaired at Ombadola) got out of order again, and the ridge piece required further repair before the tent could be pitched.

8th December.—Sorman to Tukla.—Distance 10 miles 1 furlong. Thermometer, 6 A.M., 52°; 11 A.M., 78°; 4 P.M., 77°.

1 mile, 6 furlongs. Bishapatnam.—Large village belonging to the Patna Zemindar.

Police station.—Open country, well cultivated; dark clayey soil, rock cropping up in several places; gneiss, decayed near the surface; and conglomerate.

3 miles, 7 furlongs, 125 yards. Sáleburut.—Large village with broad fields; a tope, good camping ground.

5½ miles. Jholop.—Wet and dry fields; large gardens with wells; tank, top and camping ground; soil gravelly.

A remarkable hill of *white quartz* half a mile south of the village; also quartz in large masses cropping out in several places; the village stands on quartz; the large reef, of which these outcrops evidently form part, runs form north to south.

6 miles, 7 furlongs. Boslar.—Some cultivation, and some waste land with light scrub jungle.

8 miles, 1 furlong. The Búsan stream with low banks and sandy bed; width between banks 145 feet, depth 6 feet, which depth during high floods, when the banks are overtopped, increases to 13 feet; the width during such floods is not easily ascertainable; the country around is then flooded by water of the Sunder river which is quite near.

10 miles, 130 yards. Tukla.—Large village with tank and topes; open flat country, good camping ground for a small army; light soil; water from wells, tank and river. Supplies procurable.

Two officials, sent by the Zemindar of Karial, were here to attend to camp supplies, &c.

Height of Tukla above mean sea level 686 feet; rise from last camp 48 feet.

Distance of Tukla from Vizagapatam 236 miles, 2 furlongs; from Raipur about 129 miles.

The people here speak Maráthi, Hindí, and Ooriya.

There are many *weavers* in Tukla and the neighbouring village of Risga, making a coarse cotton cloth; as well as *Tassa silk*, which sells here for about 6 annas a yard.

December 9th.—Tukla to Kariál.—Distance 7¼ miles. Kariál is the largest village met with since Párvatipúram; it is said to have 400 houses and about 2,000 inhabitants.

The Zemindar or Rajah of a large estate resides here.

Thermometer, 6 A.M., 52°; 11 A.M., 72°; 4 P.M., 77°.

1 mile, 183 yards. Risga.—Large village where Tassa silk is manufactured; open country; wet and dry fields; topes and trees; then some scrub jungle. The railway must continue to keep near the river bank, as far as San Doil, as the ground to the north of the river is high and irregular.

2½ miles. Pokansor.—Wet and dry cultivation as before; black soil; numerous cattle.

3¼ miles. Bóro Doil.—Soil, rich dark clay. Then *San Doil*; some light jungle.

At 5 miles 3 furlongs, a *large tank*, near the *village of Ránipur*, constructed by the Rajah of Kariál, upon springy ground; the drainage from the hills being excluded. The tank is for drinking water only; there is no irrigation from it.

It measures about 500 feet square and is 6 feet to 9 feet deep.—Here the Rajah's son, a fine young man of 24 years, richly dressed, with a younger brother, and a retinue of a dozen armed men, some well mounted and in becoming native costume, and some on foot in red coats of the 16th Regiment, met us and escorted us into the town.

7 miles, 4 furlongs. Kariál.—Distance from Vizagapatam 243 miles, 6 furlongs, 116 yards; from Raipur about 122 miles.

In the afternoon we visited the Rajah Padmanabha Singh, who is a polite and pleasant elderly gentleman, somewhat infirm. His son had come to camp to invite and escort us. The Rajah has horses and elephants and keeps 40 sepoys; there is a small menagerie, in which besides other animals a large tiger is kept. The Rajah's house is in the native style, not an

imposing edifice; near it is a small flower garden after the English pattern. There is only one person here who speaks English: a Baboo from Calcutta, who is tutor, Secretary, Interpreter, Gumastah, &c.

The last European who has been here was the Deputy Commissioner from Raipur, eight months ago; he is again expected in February. The Commissioner is said to be on his tour from Raipur, *viá* Sumbulpoor, to Bondesor, where the Rani has received notice of his visit.

The Rajah Padmanabha Singh expressed himself pleased with the prospect of a railway through his country.

Trades and manufactures.—There are carpenters, blacksmiths, and weavers (both of cloth and silk) in Kariál; also jewellers, gold and silver smiths, tailors, dhobies, and barbers; but no shoemakers; saddlery, shoes, boots, sandals, &c., have to be procured from Raipur by those who use them.

There are good sized donkeys here, the first I have seen for a long time; also crows, which are not found in the small villages in the jungle I have passed through.

Cattle are numerous, and a good many ponies are seen about here. There is a local *Post Office* belonging to the Rajah's establishment. Letters are said to take ten days to reach Raipur; one man takes the post right through.

The ordinary traffic route to Raipur lies *viá* Kumuna, Torbor, Tarnot (here called Khóla), Sarabong, Sirgidi, Charbati, Kamaria, Kárti (Police Station and local Post Office), Mahásamund; Gorári, and Arang.

By this route it is reckoned an eight days' journey from here to Raipur, at the rate of 15 miles a day, or about 120 miles; by the proposed railway line it will be but little (perhaps 5 miles) more.

The railway cannot conveniently follow the ordinary traffic route, because the latter crosses two ghâts, one 2 miles south of Tarnot, and the other near Sirgidi.

Height of Kariál above mean sea level, 802 feet.—Rise from Tukla, 116 feet.

Distance of Kariál from Vizagapatam 243 miles, 6 furlongs; from Raipur about 125 miles.

10th December.—Kariál.—Thermometer, 6 A.M., 52°; 11 A.M., 68°; 4 P.M., 78°.

I despatched one camp to Tikali, 12 miles ahead. In the afternoon the Rajah Padmanabha Singh (who succeeded his elder brother on the Musnud some sixteen years ago) and his son came on an elephant to visit me. We had some friendly conversation; the Rajah again expressed himself pleased with the prospect of a railway, and asked whether Kariál would be a station, where the station would be located, &c. His son asked questions about the fate of the unfortunate Rajah of Pooree, who was tried and imprisoned last year and who is a friend of this family. The Rajah ordered his officials to pay every attention to the wants of the expedition.

The ridge pole of the large Coimbatore tent, which had been broken and repaired at Bisemkattak and Sorman and was again in want of repair, was here renewed during the night by the Rajah's order. There are ten to twelve fever cases in the camp.

The large Vizianagram elephant has sore elbows from kneeling down on stony ground when being loaded and unloaded.

Kariál is prettily situated and presents a fine oriental picture, especially when viewed from the west. The Rajah's modest palace, with its enclosure and small cupolas, the adjoining sheets of water, with date and cocoanut palms along their banks surrounded by green fields, form a pleasing scene.

11th December.—Kariál to Tikali.

Distance 11 miles, 7 furlongs. Thermometer . . { 6 A.M., 60°. / 12 noon, 87°. / 4 P.M., 81°.

Outside of Kariál the jungle begins again, chiefly low scrub jungle with scarcely any cultivated fields for more than 2 miles. At 2½ miles the village of *Chindagura*, with extensive garden cultivation, mostly castor oil and tobacco; a few fields, both dry and wet. They have good cattle here, especially fine black buffaloes of large size. At the 3rd mile a *stream* 25 feet × 6 feet; soil swampy, banks not well defined.

3 miles, 4 furlongs. Tonkpali.—Very little cultivation; some mangoes trees, the first seen for the last hundred miles or so. Then jungle again, which in some parts is very heavy.

5 miles, 5 furlongs. Kódpéj.—Much garden cultivation; castor-oil, mustard, curry vegetables, beans, pumpkins, hybiscus, gourds, and tobacco; in the fields Indian-corn, millet, cholum, and cotton; iron is manufactured here. Then some heavy jungle. A small nullah requiring a culvert 5 feet × 5 feet.

7 miles, 1 furlong. Nuapára.—A stream 20 feet × 6 feet close to the village is dammed up and utilized for rice-fields. Gardens and fields. Jungle again. Kunkur limestone everywhere abundant.

8 miles, 192 yards. Borgáon.—There is a small furnace at work here for smelting iron ore; the ore used is a brown hæmatite; it is pulverized before being put into the furnace and then smelted with charcoal. There are also potters making pots and chatties in this village.

A quartz reef crops out near it; indeed quartz is found in many places along the whole route travelled over, and much of it seems to be more or less auriferous.

The soil here is light and contains much gravel. The railway should keep near the river bank, because the ground to the east is high and undulating. Light scrub jungle and high grass. Some matti wood and stunted teak.

In the 9th mile three small *streams*, averaging 12 feet in width and 5 feet in depth. Light jungle.

Shardéra.—Light jungle; swampy ground; some rice-fields; a field with hemp or nara.

10 miles, 5 furlongs. Kolinga.—The low Noagarh hills visible on the left are well wooded; so also are the hills around this village.

11 miles, 7 furlongs. Tikali.—A few huts in a jungle clearing.—Half the lascars are laid up with fever; also several servants and some of the men belonging to the pack bullocks.

The Rajah of Kariál sent me some flowers from his garden, the first garden flowers I have seen since Párvatipúram.

Height of Tikali above mean sea level 761 feet; fall from Kariál 41 feet.

Distance of Tikali from Vizagapatam 255 miles, 5 furlongs; from Raipur about 115 miles.

Fair camping ground; drinking water from the river. No wells; they have been very rare along the entire route, so far.

12th December.—Tikali to Kúmúna.

Distance 10 miles, 3 furlongs. Thermometer { 6 A.M., 60½°. 11 A.M., 80°. 4 P.M., 81°.

Hilly jungle, stony soil with gravel, much quartz all about.

1 mile, 6 furlongs, 112 yards. *Stream* 30 feet × 10 feet, high banks, rock for foundation.

Village of Lámipani; a little cultivation. Jungle, with much stunted teak.

3rd mile.—A *stream* 26 feet × 6 feet; much rock in the bed; ledges of stratified gneiss dipping at an angle of 45°, with conglomerate and quartz, extend across the stream. Jungle, rocky and stony soil. In the 4th mile, two small *streams*, one 6 feet × 4 feet, the other 10 feet × 5 feet. Hilly jungle.

4 miles, 4 furlongs, 128 yards.—Village of Jalkusum.—The railway here should keep close to the bank of the river; soil, dark and rich. A small stream, 15 feet × 5 feet, with a rocky bed.

5 miles, 7 furlongs, 115 yards.—Stream 36 feet × 9 feet; rocky bed, high banks; jungle. Here we join the Brinjarries' track from Raipur to Kariál, Dádpúr, &c.

6 miles, 6 furlongs. Dumribahal.—Met some 300 pack bullocks carrying gingelly seed from Raipur to Párvatipúram, Pallakonda and Nowpauda, whence they intend to bring up salt. Less jungle, and some cultivation.

7 miles, 5 furlongs. Bilinjar.—Tope, gardens and fields; tank; wet and dry cultivation. Jungle again on hilly ground, some very dense jungle through which a broad track 20 to 30 yards wide has been cleared for some distance.

10 miles, 3 furlongs. Kúmúna.—A large village, with a stone temple. Kúmúna was formerly the capital of the Kariál estate, and the late Rajah lived here; it was abandoned as a residence in favor of Kariál owing to a severe outbreak of cholera, from the effects of which the Rajah died.

Height of Kúmúna above mean sea level 857 feet; rise from Tikali 96 feet.

Distance of Kúmúna from Vizagapatam 266 miles; from Raipur about 105 miles.

13th December.—Kúmúna to Torbor. Thermometer { 6 A.M., 52°. 12 noon, 88°. 4 P.M., 80°.

Distance 12 miles, 2 furlongs, nearly all through jungle. The Kariál estate on this side consists of little else than jungle, with scarcely any inhabitants. The soil is rich almost throughout; there are hundreds of square miles that might be made to produce fine crops of wheat if the country were colonised.

At the 7th furlong, crossed the *Gurmai stream*, 60 feet wide, 15 feet deep, just below its junction with a smaller stream; one bank high, the other low, alternately; bed sandy, no rock; jungle on rich dark soil.

Site of the village of Gursor which has been deserted (so it is said) on account of the Brinjarries having troubled the inhabitants too much for labour and supplies. Open country; grass land with some light jungle.

Village of Kisana; some dry and wet cultivation.

Site of the village of Tókapára, deserted; jungle, grass 5 to 7 feet high; no track; rich, dark soil.—Here I saw the first partridge on this trip.

4 miles, 5 furlongs, 171 yards. Kurisor.—A small village; some wet and dry cultivation; soil, rich clay, nearly black.

5 miles, 3 furlongs. Stream, 36 feet × 7 feet, high banks, sandy bed, no rock.

The ruins of an old tank. The country bears evidence of having been more thickly populated in times past. Grass jungle, the grass 6 to 8 feet high; track barely visible; ground full of holes owing to the cracking and bursting of the dry black soil.

Koirbari.—A few huts. Some open ground, with a little cultivation; then dense jungle.

8th mile. Jondramura.—A deserted village, the people having left owing, it is said, to a severe outbreak of cholera eight months ago; one or two small huts remain standing and are inhabited; fine jungle all round.

9 miles, 6 furlongs. Manikgura.—A few huts in a small clearing in the jungle; good jungle around.

12 miles, 2 furlongs. Torbor.—A good-sized village, with a large tank, and ample fields and gardens; rich, dark soil; jungle all round. A camp of Brinjarries was here with 300 bullocks carrying rice; they have come from Itaipur and are on their way to Párvatipúram (which they say it will take them a month to reach); thence they go to Nowpauda for salt; good camping ground; supplies available.

Drinking water from tank and river, no wells. A vaccinator (a Mussulman) has lately arrived here from Raipur. He has experienced some difficulty in procuring supplies, as he had orders, so he said, to obtain all he wanted without payment.

Height of Torbor above mean sea level 949 feet; rise from Kúmúna 92 feet.

Distance from Vizagapatam 278 miles, 3 furlongs; from Raipur about 93 miles.

14th December.—Torbor to Sialjóri. Thermometer { 6 A.M., 52°. 11 A.M., 82°. 4 P.M., 80°.

Exposed to the sun at noon, 115°.

Distance 11 miles, 5 furlongs, 175 yards.

1 mile, 1 furlong.—*Stream,* 26 feet × 6 feet; low banks, sandy bed, no rock. Tree and scrub jungle with a few fields here and there, soil hard and gravelly; then some heavy and dense jungle.

A track 20 to 30 yards wide has been cleared through the densest parts of the jungle, and leads evenly over hard and high ground without much change of gradient.—Another small *stream,* 12 feet × 3 feet; low banks, gravelly bed; some rice-fields about.

The railway should be kept on the lower ground to the west; jungle light; soil, dry and hard.

Two small *streams* close together, each 6 feet × 3 feet.

4 miles, 183 yards, *a stream,* 50 feet × 10 feet; crossed below the junction with a smaller stream; one bank high, the other low; bed sandy; some rock for foundations.—Some *sál* trees about here; much *quartz.* Light scrub jungle with a few patches of cultivation.

Small *nullah,* 6 feet × 3 feet. 5 miles, 2 furlongs, a large pool in the fields, near a small village, Daldalli.

Some cotton grown here and a good deal of rice; high ground; dark soil.

6 miles. Nuapára, in a large clearing; high ground; dark soil; wet and dry fields. Thin scrub jungle.

Village of Kandamuri.—The custom of the villagers in these parts is to bring tobacco to approaching strangers (everybody smokes here), sometimes they bring buttermilk besides.

8 miles, 4 furlongs, 113 yards. Sámbarsingi.—From here leads a track to Tarnot (Khóla). There are three *tombs* here on the roadside, where the headmen of the village are buried; the graves are marked by heaps of stones. The common people are buried in the jungles, or else burnt. *Iron* is manufactured at Sámbarsingi. The place was probably named after the sambur, which seem to be plentiful here, to judge from the traces they leave. Open country, then light jungle. A small *stream,* 10 feet × 4 feet.

9 miles, 6 furlongs. Kajurbara.—Undulating ground; the line of rail should keep a mile further to the east; soil, dark rich clay.

A fine hill ridge, the Ganda-Mardan hills, 3,000 feet high, 6 to 8 miles long with a plateau on top, a mile broad, larger than Rámandroog, lies 15 to 20 miles to the east.

Two small *streams,* close together, each 12 feet ×, 4 feet; no rock.

There is some *game* in these jungles and in the low hills to the west. The traces of bear, sambur and bison are frequently seen. A small cheetah was brought in that had been killed in a fight with a larger one near the village, where both were hovering about the cattle.

11 miles, 6 furlongs. Sialjóri.—The line of rail should run about a mile to the east of this.

Height of Sialjóri above mean sea level 1,047 feet; rise from Torbor 98 feet.

Distance from Vizagapatam 290 miles; from Raipur about 82 miles.

15th December.—Sialjóri to Birumál, on the line to *Onki.* Thermometer { 6 A.M., 56°. 11 A.M., 78°. 4 P.M., 86°.

Exposed to the sun at 4 P.M., 86°.

Distance 10 miles, 7 furlongs.

In the first mile a small *nullah* 8 feet × 3 feet; some thin jungle, then open country.

1 mile, 4 furlongs. Paraskol.—A good-sized village which seems to have moved a mile eastwards since the map was made. Villages here sometimes shift their site.—Some Brinjarries belonging to these parts were buying gingelly seed in order to take it to Párvatipúram and Junágar and the Músa ghát. High ground, hard soil; jungle.

The railway should be 1½ miles to the east of the straight line from Sialjóri to Jalbal; the ground to the east is not so high, and more even; but the jungle is very dense. Many traces of sambur and some of bison; soil hard; a long stretch of trackless jungle; near Jalbal it becomes lighter. *Stream* 10 feet × 5 feet; no rock visible.

Emerging from the jungle we come upon the village of *Jalbal,* 5 miles, 2 furlongs. Here the rail to Raipur will turn north-westwards to Nara; but we now continue our northerly march towards Onki to explore the ground in case the rail should be taken there. Open

ground round Jalbal, some wet and dry fields; in the gardens are chillies, beans, pumpkins, hybiscus, castor oil and tobacco. South of the village the soil is chiefly light, to the north mostly heavy and black. The higher ground is generally of light soil, the lower parts are swampy; but the undulation of the ground is very slight.

A small *tank*, breached; a *stream* 9 feet × 3 feet used for irrigation comes through the breach, muddy bed and banks.

Gúchapali, the site of the deserted village; the inhabitants are said to have left 20 years ago on account of cholera; there is no trace of the village left, except the fields, which are still partly cultivated.

Kóduméra, a mile to the left; light soil, open country, good camping ground.

Small *nullah*, 12 feet × 5 feet.

D ripali, small village; some iron furnaces here; the ore worked is of two kinds, hæmatite and bog ore. Here is also a *weaver's* loom. Country somewhat open. Sál trees are found in the surrounding jungle. Light soil, brown clay with sand. Then dense jungle of shrubs and small trees. Level ground.

10 miles 7 furlongs. Birumál in a jungle clearing, a mile in diameter; soil hard; good camping ground, except that the only drinking water available, *viz.*, from the tank or dammed-up-stream, is inferior; but wells could easily be dug in the fields, the water being not far below the surface. There are no wells in these villages. The line of rail should be half a mile to the east of this, where the ground is more even.

Height of Birumál above mean sea level 1,013 feet; fall from Síaljóri 34 feet.

Distance of Birumál from Vizagapatam 301 miles.

16th December.—Birumál to Amúndi. Thermometer { 6 A.M. 47°. 11 A.M. 80°. 4 P.M. 77°.

Exposed to the sun at 3 P.M. 102°.

Distance from Birumál to Amúndi 12 miles 3 furlongs.

Height of Amúndi above mean sea level 918 feet; fall from Birumál 95 feet.

Distance from Vizagapatam 313 miles 3 furlongs.

In the first mile a *nullah*, 15 feet × 5 feet, dammed up in several places so as to make it spread over the adjoining fields on both banks which are cultivated with rice; hence the ground on both sides is very swampy and difficult to get across, even at this season when the rice crops have been harvested; then jungle.

Pára, a Brinjarri village which has been here for the last three years only; the people of Gyran would not allow the Brinjarries to live in their village from fear that cholera might be introduced by that wandering tribe, so the Brinjarries had to build a village of their own.

1 mile, 4 furlongs, 192 yards. Gyran.—A largish village in the midst of an extensive jungle clearing; further on the jungle is light; soil, dark, stiff clay.

2 miles, 4 furlongs. Séndebutta.—A new village, only six years old, not marked on the map; rich, dark soil; there are some weavers here; then jungle again, not very dense; ground gently undulating. Large clearings alternating with stretches of jungle; soil, lighter on rising ground, and heavier in the hollows which are mostly swampy.

3 miles, 4 furlongs. Bavankéla.—Black soil; extensive rice-fields. Small *nullah* 10 feet × 4 feet, converted into wet fields; then some undulating ground with light jungle.

Stream 20 feet. × 5 feet used for irrigation, muddy bed and banks.

5 miles, 6 furlongs. Village of Bisora.—Another *stream* dammed up in several places in the manner in vogue here, and converted into swamps for rice cultivation. Then jungle of trees and scrub, on light sandy soil; the jungle soon becomes dense and contains numerous *sál trees*; after a mile of this the bush becomes thinner again. The soil continues chiefly light (with black patches here and there) and the ground slightly undulating till past the 8th mile. At the beginning of the 9th mile a small muddy *stream*, 10 feet × 4 feet, used for irrigation.

9 miles, 210 yards. Village of Beltikri.—Open country around, the jungle clearing measuring about a mile in diameter. A mile beyond Beltikri, a *nullah* 20 feet × 8 feet, with swampy bed and steep banks.

11th mile. Balésar, an ordinary small village with gardens and fields; then sál jungle.

12 miles, 3 furlongs. Amúndi, surrounded by jungle containing numerous sál trees, which abound in this part.

Country open; good camping ground; drinking water from the Jong river. Supplies available; soil, dark clay; quartz and kunkur limestone found along the whole route; gneiss continues to be the prevailing rock formation.

Iron ore (hæmatite) is smelted at Amúndi. The villagers have a number of crude carts with solid wooden wheels, drawn by black buffaloes; cattle numerous.

The greater part of the country traversed from Karial up to this (mostly jungle, and much of it virgin soil), would, I believe, produce good wheat crops with very little cultivation.

No difficulties exist with regard to the railway, the country being practically flat, well watered and wooded, though sparsely peopled.

17th December, Amúndi to Onki and back to Amúndi. Thermometer { 6 A.M. 43½°. 12-30 P.M. 86½°. 4 P.M. 78½°.

Distance 6 miles, 7 furlongs.

Height of Onki above mean sea level 899 feet. *Fall from Amúndi 19 feet.* Explored both banks of the *Jong river*; crossed over to *Cheruda* on the left bank, thence went to *Nilasar*. (The "Cheruda" marked on the map on the right bank, a mile north of Amúndi, does not exist, and the people say there never was such a place on the right bank.) Fine jungle; soil black, full of cracks, fissures and holes; then scrub jungle and high grass. Some people have come here all the way from Rájim to cut grass and take it away for thatching, &c. The grass is very long and strong, and is used for making mats, fences, verandah screens, and for thatching roofs.

Nilasar is a small collection of mud hovels in the midst of sál jungle; thence I went to *Belanger* on the right side of the river; jungle of scrub and grass; soil, dark and rich; a kind of *hemp* is grown here, called "son" in Hindi and janam nara in Telugu.

The nullah near Belanger is 50 feet wide and 15 feet deep; one bank is 15 feet high, the other low and subject to inundation during floods. There is rock for foundations. A stretch of coarse grass jungle; the grass 10 feet high, and upwards; then some sál jungle, and irregular ground. A small *nullah* 6 feet × 3 feet; light soil, hard and stony.

Two small *streams* each 15 feet × 5 feet, beds and banks muddy; then good tree jungle with ippa, sál and matti; ground flat again, soil light.

Marched over some very holy ground; black soil with wide and deep cracks and fissures, and deep holes where the ground has subsided from the rain. These holes occur every few yards, and, covered with grass as they are, it is difficult to avoid putting one's foot into a hole. It is impossible to ride over this ground.

6 miles 7 furlongs. Onki.—A small collection of miserable hovels in a howling wilderness, jungle all round; soil, stiff dark clay. The people of the village at sight of us ran away, but returned again by-and-by.—Returned to Amúndi on the right bank *viâ Belanger* and *Parsoda* (the latter two miles north of Amúndi); crossed two small streams, 20 feet × 5 feet each, dammed up and converted into swamps for rice cultivation; and a larger stream 45 feet × 8 feet, a mile north of Amúndi, with high banks, sandy bed, and no rock.

Reached Amúndi at 12-30 P.M., having travelled 14 miles 3 furlongs since 6 A.M., taking observations, making notes, &c.; the temperature during this time having varied between 43° and 90°.

Straw about here is plentiful and cheap; it is left in the rice-fields to rot and manure the ground; only the ears of the paddy, with a short length of straw, being cut out in harvesting.

There is a remarkable scarcity of *mosquitos* in these jungles. I have only seen one small *snake* since leaving Párvatipúram, and met no *scorpions* or *centipedes*; *white-ants* are not plentiful. I have seen no *hares* nor *rabbits*, no wild *pig* nor *deer*, except a tame one in a village; very few *jungle fowl*, no *pea fowl*, no *bustard*; *pigeons* are numerous; *partridge*, *quail* and *snipe* scarce. There are *ducks*, and other water fowl on some of the tanks; also cranes, storks, plovers, and white gulls and paddy birds; some Java sparrows, minas, parroquets, a few swallows; crows are scarce in the small villages in the jungles; jackals everywhere plentiful. Gum, dyes and resin (sál) are to be obtained from several jungle trees.

There is a pretty *orchid* growing on some young ippa trees, with a red flower like honeysuckle.

Distance of Onki from Vizagapatam 320 miles 2 furlongs.
" from Raipur about 70 miles.
" from Sumbulpoor about 100 miles.

18th December, returned from Amúndi to Birumál, distance 12½ miles. Thermometer { 6 A.M. 43½°. 11 A.M. 74°. 4 P.M. 78°.

The sick whom I had left behind in the camp at Birumál had improved during their two days' halt there.

19th December, returned from Birumál to Jalbal, thence to Nara.

Distance travelled 14 miles 6 furlongs, *viz.*, Birumál to Jalbal 5 miles, 6 furlongs.

Jalbal to Nara 9 miles. Thermometer { 16 A.M. 40°. 11-30 A.M. 91°. 4 P.M. 80°.

There was some *hoar frost* on the ground in the morning, between Birumál and Jalbal.

Resumed march to Nara, where we left off on the 15th. After leaving Jalbal, some light jungle was passed through, on light clayey soil.

1 mile, 2 furlongs, 94 yards.—Village of Salia; country rather open, very little jungle about.

Wet and dry fields, and garden cultivation; some laterite was seen cropping out.

2 miles 1 furlong, 108 yards. Chanabeda.—A tank, gardens and fields. Plantains in the gardens, the first seen since Bisemkattak. Country open, trees and shrubs about.

2 miles, 6 furlongs, 71 yards. Stream 35 feet × 10 feet, sandy bed, banks low and flooded. Then a swamp at this season dry, except in the lowest part.

3 miles, 2 furlongs, another swamp,—with a *stream* running through it about 30 feet × 8 feet; the bed is muddy and irregular and has several branches; swamp extends close up to Amseri.

3 miles, 4 furlongs, 149 yards, village of Amseri on high ground, with a tank and wet and dry fields. Near the village is a small hillock through which a *quartz reef* runs. Then

light jungle with some swampy patches. Then high ground with light jungle on hard soil, followed by a gentle descent, with another stretch of swamp partly cultivated.

5 miles, 4 furlongs, 109 yards. Kopathora.—Gardens and fields; tame pigeons are kept in many of these villages, and on the trees are found large blue, green and grey pigeons in a wild state.

No bustard seen, very few partridges, scarcely any snipe.

6 miles, 6 furlongs. Mogravali.—With a tank and the usual cultivation. Met a large herd of Brinjarri bullocks carrying wheat to Párvatipúram.

Village of Kurrumura, small, not marked on the map.

8 miles, 2 furlongs, the Jong stream, 600 feet wide, depth in flood 16 feet; irregular, sandy bed with small islands, low banks subject to floods, no rock visible. This river is the boundary of the Karial estate.

9th mile. Nara.—Large village, the head-quarters of a zemindar who owns twelve villages. The old zemindar is 84 years of age and infirm; his sons and his dewan came to the camp and attended to our wants; guides, coolies and supplies were promptly furnished. There is a good encamping ground at Nara, good water to be had from tanks and the river; there are also some wells in the gardens.

In the village are weavers and iron smelters, no carpenters.

The Police Officers of the Karial Rajah, who had accompanied the camp up to this and been very useful, returned from here.

Height of Nara above mean sea level 1,010 feet; fall from Birumál 3 feet, from Sialjóri 37 feet.

Distance of Nara from Vizagapatam 304 miles 3 furlongs; from Raipur about 62 miles.

20th December.—Nara to Bagbahra.—Distance 10 miles, 5 furlongs. Thermometer { 6 A.M. 41½°. 11 A.M. 80°. 4 P.M. 80°.

Passed through some paddy fields and uncultivated swamps, crossed two small streamlets requiring culverts, then a fine tank near the village of *Bendravan*, 1 mile, 4 furlongs. No jungle here, all cultivation, both wet and dry.

2 miles, 4 furlongs, village of Ukra; much wet cultivation. Then thin scrub jungle.

A small village, named Lámi; jungle again, with a few isolated patches of fields.

4 miles, 1 furlong, 153 yards. Kandajori stream 250 feet wide, 16 feet deep, sandy bed with some rock; banks low, and flooded in the rains. The rock is gneiss, with quartz and felspar in veins and patches.

The railway need not cross this nullah if the Jong river is bridged a mile below Nara.

4 miles, 5 furlongs, 155 yards. Kumakan.—A large village; the zemindar of Súarmal lives here, who owns 80 villages. This village has two tanks and a large swampy place in a shed; a new building is being constructed of stone; beyond the village, a *nullah* 20 feet × 4 feet.

3 miles, 7 furlongs, 94 yards. Kulia.—With extensive fields; black soil; then some high ground with thin jungle on light soil. A tank; jungle again; small nullah 6 feet × 3 feet.

8 miles, 2 furlongs. Púluari.—A few huts in a small jungle clearing; soil, dark clay with sand.

8 miles, 7 furlongs, 133 yards. Kopli.—A large village where a new tank is being constructed by the zemindar of Súarmal, Umra Sing, who met me outside the village with his two little sons and a large following, and accompanied me to *Bagbahra*. He was most attentive to the wants of the party and asked that the Government might be informed of this fact. He seemed very energetic and intelligent, and was pleased with the prospect of a railway through these parts.

A letter from the Commissioner of Raipur, dated the 9th November, and addressed to me at Bondesor, was brought to me only to-day by a Policeman from Bondesor who had walked 120 miles in four days.

Height of Bagbahra above mean sea level 1,083 feet; rise from Nara 73 feet.

Distance of Bagbahra from Vizagapatam 315 miles; from Raipur about 55 miles.

21st December.—Bagbahra to Telebanda. Distance 12 miles, 6 furlongs, 204 yards. Thermometer { 6 A.M. 52°. 11 A.M. 87°. 4 P.M. 89°.

Some rice fields in the lower grounds; then jungle; a small streamlet with rocky bed; irregular ground, slightly hilly; jungle of brushwood and trees for nearly 4 miles on varying soil, mostly rich dark clay. In the jungle (3rd mile) *Pendri*, the site of a deserted village which the people are said to have left on account of want of good water; dense jungle. At the end of the 3rd mile a *nullah* 25 feet × 5 feet, sandy bed, low banks, no rock. Further on, two small nullahs 10 feet × 4 feet each; a third 8 feet × 3 feet; undulating ground.

5 miles, 5 furlongs, 79 yards.—Patrapali, with fine garden cultivation, and wells; maize, hemp, onions, garlic, spinage, beans, pumpkins, chillies, brinjals, plantains, castor-oil, mustard, sugarcane, tobacco, &c., are grown here. Met 200 Brinjarries' bullocks carrying gingelly seed and wheat to Párvatipúram.

6 miles, 5 furlongs, 203 yards. A shallow *nullah* 100 feet × 6 feet, low banks, sandy bed; all jungle again. Another *nullah* close to the former, 50 feet × 4 feet, with low banks and sandy bed. Some paddy swamps; then the village of *Kasibara* at 7 miles, 5 furlongs, wet and dry fields, and gardens with wells; jungle again; a small *nullah* 8 feet × 3 feet.

9 miles, 3 furlongs. A *stream* 60 feet × 5 feet with sandy bed and low banks, near the site of *Aoraibabri*, a deserted village. Black soil, full of cracks, fissures and holes; scrub jungle with swamps, uncultivated. Two small swampy streamlets 5 feet × 2 feet. More swampy ground; then another. *Kasibara*, a large village at the end of the 12th mile; gardens with wells and extensive fields. The water in the wells is 6 to 10 feet below the surface; *laterite* is found here.

A Superintendent of Vaccination from Raipur and a vaccinator were in the village.

12 miles, 6 furlongs, 204 yards. Telibanda, small village. A Head Constable from *Karti*, which has a Police station and Post office, came here to assist the camp. A Munshi, sent on the 12th November by the Deputy Commissioner of Raipur to meet the party at Karial, turned up here only to-day (having been to Karial and missed me) and made himself useful in procuring supplies, &c.

Height of Telibanda above mean sea level 1,022 feet; fall from Bagbahra 61 feet.

Distance of Telibanda from Vizagapatam 327 miles, 7 furlongs, 117 yards; from Raipur about 46 miles.

December 22nd.—Telibanda to Mahasamund.—Distance 11 miles, 6 furlongs, 124 yards. Thermometer, 6 A.M., 47°; 11 A.M., 80°; 4 P.M., 80°.

Passed over extensive rice fields, now nearly dry, the crop having been gathered. Then jungle on slightly undulating ground.

2 miles, 6 furlongs. Mámubancha, a large village with much cultivation around.

Then an uncultivated swamp, with a small *stream*, 10 feet by 4 feet, running through the deepest part; muddy bed and banks.

8 miles, 7 furlongs.—The site of Pathripali village, now deserted; no sign of former cultivation; jungle all around. The people are said to have been engaged in illicit dealings with timber and spirits, hence they were driven from the village. All jungle. Some laterite is seen cropping out.

4 miles, 170 yards. Sikli nullah, 25 feet by 8 feet; sandy bed, good banks, no rock. Then some clearing with cultivation. Soil black, full of holes. Small *nullah*, 6 feet by 3 feet.

5 miles, 190 yards. Arand, a considerable village, with fields and gardens. Wells in the latter; water about 10 feet below the surface, and said to be good.

6 miles, 3 furlongs. Umarda, a small village with a tank.

7 miles, 1 furlong.—A *stream* 15 feet by 6 feet, with laterite rock for foundations. Light clayey soil; jungle.

7 miles, 6 furlongs, 120 yards.—Stream 10 feet by 4 feet; laterite, gravel in the bed. Jungle on both sides. Then a swamp; beyond that two small villages, *Murmár* and *Kamári*. Then two small nullahs, 9 feet by 3 feet.

There is much laterite about here; the prevailing rock formation is still gneissic, which ceases at the Mahánadi.

9 miles, 1 furlong.—The village of *Pathripali*, where a blacksmith is at work with rude implements and contrivances.

A small *stream*, 4 feet by 3 feet, then a larger one 12 feet by 4 feet.

10 miles, 3 furlongs, 189 yards.—Pitiajor, small village.

11 miles, 6 furlongs, 124 yards.—Mahásamund, a large place, said to contain 400 houses and over 1,000 inhabitants. Carpenters and blacksmiths here. A survey station and a temple are prominent objects. The soil consists chiefly of laterite; water is good. Encamping ground high and extensive. A tank; topes and trees about. Here is the beginning of a cart-road marked out by side drains, leading to Arang; and here also the track from Tarnot (*vid* Tendubara, the Sirgidi Ghat, Kamaria and Karti) joins our line.

Height of Mahásamund above mean sea level, 915 feet; fall from Telibanda 107 feet.

Distance of Mahásamund from Vizagapatam 339 miles, 6 furlongs; from Raipur 34 miles.

December 23rd. Mahasamund to Arang.—Distance 10 miles, 2 furlongs. Thermometer, 6 A.M., 44°; 11 A.M., 79°; 4 P.M. 75°.

Marched along a cart track, partly lined out and roughly made. All fields; no jungle.

1 mile, 3 furlongs. Kharóra, a large village with much wet cultivation; good topes; a tank.

3 miles, 5 furlongs. Belsóra, a *large village* like the former. Country level and open, well cultivated; no jungle.

At the sixth mile, near the bank of the Mahánadi, the village of *Gorari*. Here is some solid kunkur rock; also stratified limestone rock, similar to that at Cuddapah and Kurnool.

Then cross the Mahanadi River, 2,040 feet wide and 25 feet deep during great floods which spread close up to the village of Gorári, covering the ordinary banks near the river's edge to a depth of 10 feet.

The ordinary floods, contained between the banks, and not overflowing them, run about 15 feet deep.

The bridge will require to be 30 feet to 35 feet above the deep bed. The low water at present is 260 feet wide and little more than 2 feet in depth. The bed is sandy; on the eastern bank and in the bed is limestone rock; on the west bank none is visible, but it will probably be found not far below the bed.

A quarter of a mile from the west bank is an irrigation canal taken off from the river.

7 miles, 6 furlongs. Paragáon, with a suburb occupied by potters. Soil, clay and laterite; mostly cultivated; little waste land; no jungle.

Here we join the main road from Raipúr to Sumbulpoor; a new road is being made to Gorári.

Ninth mile, a nullah, 20 feet by 6 feet; high banks, stony bed (limestone).

10 miles 2 furlongs. Arang.—Good encamping ground.

Fine tope, good water from wells and tanks. Post office, police station and school here; also a travellers' bungalow, a dispensary, and a fine temple.

Distance of Arang from Vizagapatam 350 miles; from Raipúr 23 miles.

Height of Arang above mean sea level 942 feet; rise from Mahásamund 27 feet.

December 29th. Arang to Hasaud.—Distance 13 miles 4 furlongs. Thermometer 6 A.M., 55°; 11 A.M., 75°: 4 P.M., 78°.

First mile, village of Bihiar.—Open, flat country, well cultivated; black soil.

2 miles 6 Furlongs. Rasni, an ordinary village, with tope and tanks; sugarcane and rice-fields.

5 miles 2 furlongs. Tappal hut.—The ground here is gently undulating; soil laterite; the whole of the country, so far as the eye can reach, is cultivated; little waste land; no jungle; firewood is scarce; no hills.

Trees are few and far between, but each village has one or more topes and tanks; some have wells.

7 miles 2 furlongs. Kulhán stream, 50 feet wide and 10 feet deep in flood; high perpendicular banks; bed gravelly, no rock visible.

10 miles 2 furlongs. Náogáon, a small village, with a police station, temple, tope and tank; soil in some parts red, in others black; ample fields, dry and wet. Here I met the first *wheat* fields along this route: there were none east of this.

13 miles 4 furlongs. Hasaud, a large village, with tanks, topes, wells and extensive cultivation. Soil, light brown clay. Good encamping ground.

Distance of Hasaud from Vizagapatam 363 miles 4 furlongs; from Raipúr (east end) 8¼ miles.

Height of Hasaud above mean sea level 969 feet; rise from Arang 27 feet.

December 30th. Hasaud to Raipúr.—The country is flat and well cultivated, with both wet and dry crops.

2 miles, 1 furlong. Sirikheri, village with tope and tank.

3 miles 5 furlongs, 185 yards. Jora, similar to the last, with much wet cultivation; black soil.

5 miles. Labhandih, similar to the last two villages; black soil. A *stream* 40 feet by 8 feet, with high banks, and limestone rock in the bed.

Half a mile further a smaller stream, 15 feet by 6 feet; banks and bed of black soil.

Much wheat and linseed are grown about here.

6 miles 6 furlongs 130 yards. Village of Telibanda or Kurwatoli; with a fine tank, and tope of mhowa trees.

8 miles 1 furlong 80 yards. East end of Raipúr Cantonment, near the Deputy Commissioner's Court.

The distance of Raipúr from Vizagapatam by the route marched over is 371 miles 5 furlongs 211 yards.

Altitude of Raipúr above mean sea level 962 feet.—I went at once to see the Chief Commissioner of the Central Provinces, Mr. Morris, B.C.S., who was here on tour; and the Commissioner of the Chattisgarh Division, Colonel Lucie-Smith; both officers are going into camp to-morrow, *en route* to Bélaspur.

RAIPÚR,
6th January 1882.

K. F. NORDMANN,
Executive Engineer, on Special Duty.

XII.

No. 27R., dated Raipúr, 14th January 1882.

From—K. F. NORDMANN, Esq., Executive Engineer, on Special Duty,

To—The Secretary to Government of Madras, Public Works Department.

In continuation of my letter No. 24R., dated 6th instant, I have the honor to inform you that I have this day posted to your address a tin case, containing the longitudinal section of the country traversed by the reconnoitring party, from Párvatipuram to Raipúr, and the cross sections of all streams exceeding 30 feet in width.

2. I have despatched one camp this day, and leave Raipúr to-morrow for Rájim, whence I march up the valley of the Pairi, and then up the Sondor river passing Noagarh, then up to Raigarh, Omorkót, Nárangpur and Kuraputi.

3. Mr. Cormac follows *viá* Dhamtari, Kankér and Banskót to Omorkót, where we expect to meet about the 1st of February; reaching Kuraputi about the 14th idem.

4. From all the information I have been able to collect, I see no necessity for examining a line leading from Dhamtari up the valley of the Silári to Sihóa and Borái, which was travelled over and reported on, in 1876, by Colonel Francis, then Executive Engineer at Raipúr. This line goes over some very high, rough and uneven ground, and seems in every respect inferior, for the purpose of a Railway, to either the line up the Sondor river, passing near Noagarh, or the line *viá* Dhamtari, Kankér and Banskót.

5. I beg that letters may be addressed to "*Nárangpur* viâ *Kuraputi, to await arrival.*"

XIII.

No. 38 K., dated Kuraputi, 25th February 1882.

From—K. F. NORDMANN, Esq., Executive Engineer, on Special Duty,

To—The Secretary to Government of Madras, Public Works Department.

In continuation of my letter No. 27 R., dated Raipúr, the 14th ultimo, I have the honor to submit* herewith my Notes of Reconnaissance of the country between Raipúr and Kuraputi *viá* Rájim, Kópra, Bourka, Noagarh, up the Pairi and Sondor rivers, then *viá* Háthgaon, Raigarh, Omorkót and Nárangpur to Kuraputi, a total distance, by the straightest and easiest route, of 217⅛ miles.

*A. Executive Engineer's Notes of Reconnaissance from Raipúr *viá* Rájim up the Sondor River to Nárangpur.
B. Do. do. from Nárangpur to Kuraputi *viá* the Mádeoputi Ghât.
C. Mr. Cormac's Diary from Raipúr *viá* Dhamtari and Kankér to Omorkót.
D. Do. do. from Pupogáon to Kuraputi *viá* Jeypur.
E. Do. do. Report No. I-O, dated 1st February 1882.
F. Reports by Colonel Francis on routes from Raipúr *viá* Dhamtari and Sihóa towards Raigarh.

2. I left Raipúr on the 15th ultimo and marched through a well-cultivated country *viá* Khandwa to Rájim, where I crossed the Mahánadi river, which is there 1,900 feet wide between the banks and 20 feet deep when in flood. From Rájim I marched up the right bank of the Pairi river. The ground traversed is on the whole very favourable for the construction of a Railway. The country is fully cultivated as far as Kópra and some miles beyond, and the gradients are generally light.

3. Near Bourka there will be some hill-side cutting required, for upwards of a mile along the steep and stony banks of the Pairi river. This part of the work, although insignificant in itself, may be reckoned among the heaviest that will have to be done on this line, which is a remarkably easy one throughout.

4. Near Karti I crossed the Pairi river, here 1,530 feet wide and 18 feet deep, and then passed over some high ground, culminating at the head of the Urtúli Ghât to Noagarh. The Urtúli Ghât is a steep ascent of about 120 feet, over which the present track passes, but which would be circumvented by a regular road or a Railway line. Thence I marched up the right bank of the Sondor river *viá* Baltema and Tumaribahal to Karkú, and, crossing the Bag river, to Risgaon, Gourgaon, and Háthgaon.

5. There is no need for taking the road over the Urtúli Ghât to Noagarh, which is a very small place, although the head-quarters of a zemindar; as the line can be taken entirely up the right bank of the Sondor river from Karti *viá* Benkura and Karka to Baltema. At Risgaon I fell in with the Brinjarri traffic from Jeypur and Kuraputi; the trade route leading from Raigarh *viá* Háthgaon, Gourgaon and Risgaon to Sihóa, and thence to Dhamtari.

6. The sections, which will be submitted in a few days, show that the ascent up to Háthgaon (1,870 feet above mean sea level) is a very gradual one. From Háthgaon begins the final ascent on to the Jeypur plateau. There is a total height of 220 feet to be overcome, which, distributed over 5 miles, gives a gradual rise of 44 feet per mile, or 1 in 120. This route is quite practicable for a railway throughout, no regular ghât or steeper gradient than 1 in 100 being required; while the line passes through many miles of magnificent forest on virgin soil in a country full of promise, containing all the elements of future prosperity, where hundreds of square miles of the most fertile ground are waiting for the plough.

7. The Goláriah nullah, a mile to the east of Háthgaon, offers the greatest facility for taking a road up to the Jeypur plateau by a light gradient. The work will be quite easy; the jungle is dense, but there is only a small amount of hill-side cutting or ghât work required, very little heavy embanking and bridging, and as little rock blasting.

8. The whole country passed through from Bourka to Háthgaon is covered with forest and jungle. Villages are few and far between, especially in the upper course of the Sondor river; but the soil being good and well drained, the agricultural capabilities of the country are unlimited, and only wait for development.

9. The highest elevation reached on the Jeypur plateau, near its edge, was 2,100 feet above mean sea level, at Koliapodor; the distance traversed from Raipúr to Omorkót 143 miles.

10. At Omorkót I met Mr. Cormac on the 31st January, who had marched from Raipúr through the rich grain country of Dhamtari *viâ* Dargahan to Kankér, then up the valley of the Hatkul river to Banskót in Bustar, thence *viâ* Paorbel, Gurjinga and Bakúda to Omorkót, total distance 150½ miles. This line is 13 miles longer than the route I traversed, *i.e.*, *viâ* Rájim and up the Pairi and Sondor rivers; but the former also proved easy, as shown by Mr. Cormac's report (hereto appended) and his sections (which will follow), except in that part of the Hatkul valley between Chiprail and Siduwan, where for 4 miles a regular ghât road will have to be constructed along the hill-side at an average gradient of 1 in 40. The highest level reached by Mr. Cormac near the edge of the plateau was 2,146 feet near Siduwan.

11. Having carefully compared the two lines above described, I am of opinion that for the Railway the shorter line up the Sondor river should be chosen, while the route marched over by Mr. Cormac should be laid out as a road, *i.e.*, from Dhamtari *viâ* Kankér to Raigarh; and other feeders should be constructed to connect Dhamtari, Kankér, and Sihóa with the line of rail.

12. From Raigarh *viâ* Omorkót and Nárangpur to Ránigar, at the foot of the Mádeoputi Ghât, a distance of 90 miles, the line leads through a rich and beautiful upland country with fertile soil, and fine forest and jungle, at an average elevation of 1,900 feet; the surface in most parts level, in others diversified by hillock and swamp; much of the latter cultivated with rice, the whole offering no obstacles but every facility for the construction of a line of rail.

13. Whether this line west of the Noagarh Hills or the eastern line *viâ* Ryaguddah and Ombadóla is chosen for the Railway, I would recommend a specially important feeder that should be made in either case, *viz.*, a road between Nárangpur and Ryaguddah, leading from the former place up the Indrávati river to Jagannathpur and Kurmeli, then up the valley of the Golagad river to Maribata and down the valley of the Ryaguddah river to Ryaguddah, a distance of 65 miles. This is an easy and natural line of ghât, and the summit level near Maribata is not more than 2,700 feet above the sea.

14. And whichever of the two lines is selected for the Railway, whether that east or west of the Noagarh hills, I consider that the other line should be made into a good cart road with bridges, &c., complete, to be passable at all seasons.

15. The following lines would seem to be foremost among those required to be constructed as Railway feeders, in case the line of rail is taken from Raipúr *viâ* Rájim, Kopra, Karti, Baltema and Háthgaon to Raigarh, Omorkót, &c.:—

(1) Raipúr *viâ* Dhamtari and Dargahan to Kankér.
(2) Kankér *viâ* Salabat, Siduwan, and Banskót to Raigarh.
(3) Kankér to Jagdalpur in Bustar.
(4) Kankér *viâ* Sihóa and Sankra to the nearest Railway Station, say Tumaribahal.
(5) Sihóa viâ Borai to Banskót (on the Kankér-Raigarh line).
(6) Sihóa to Dhamtari.
(7) Dhamtari *viâ* Achota to Kopra or Panduka (to be continued to Chura and Nara).
(8) Noagarh to the nearest Railway Station.
(9) Jeypur to Malkangiri.
(10) Jeypur to Jagdalpur.
(11) Jagdalpur, Kotpad, Nárangpur.
(12) From Omorkót westwards *viâ* Amrati and Bamini to the Baordhig river.

(13) Nárangpur, *viâ* Jagannathpur, Kurmeli, and Maribata to Ryaguddah (*vide* paragraph 13 above).

16. In case the Railway is constructed east of the Noagarh hills, *i.e.*, *viâ* Párvatipuram, Ombadóla, Bógor, Karial, Nara, &c., the lines of road chiefly required to be constructed as feeders would appear to be the following:—

(1) Torbor, Tarnot, Tendubara, Kamaria, Karti, Mahásamund.
(2) Sankra (on the road from Raipúr to Sumbulpoor) *viâ* Onki to Nara.
(3) Nara, Chura, Panduka, Dhamtari.
(4) Karial to the teak forest on the Udet river.
(5) Patna to Torbor.
(6) Patna to Bógor.
(7) Asurgor to Sónpoor on the Mahânadi *viâ* Turla and Bamini.
(8) Ryaguddah *viâ* Singapore and the Músa Ghât to Bondesor, Dádpur and Bógor.
(9) Bondesor *viâ* Nandol, Daspur, and Manjhér to Karial.
(10) Daspur to Déobhog, and up the valley of the Tél river.
(11) Singapore to Ombadóla *viâ* Lonjigar.
(12) Báliguda *viâ* Tumriband to Ombadóla.
(13) Párvatipuram to Kurupám, Butelly, and Goonipur.
(14) Godairy to Bisemkattak.
(15) Ryaguddah to Nárangpur *viâ* Loddah, Maribata, Kurmeli, and Jagannathpur (*vide* paragraph 13 above).

17. When the Madras Government in 1875 proposed to make a road from the head of the Potinghy Ghât through the Jeypur country *viâ* Nárangpur, Omorkót and Raigarh to the Central Provinces, the then Executive Engineer, Colonel Francis, at Raipúr, placed himself in communication with me at Potinghy, and, under orders from the Nagpur Government, that officer explored the country within his charge with a view to finding the best line of road to connect Raipúr with our proposed road through the Jeypur country. I have obtained through the Executive Engineer at Raipúr a copy of Colonel Francis' report, which I beg to append to these papers. From this report it will be seen that the several routes explored by Colonel Francis are unsuitable, on account of the hilly nature of the country, for the purposes of a Railway; but one of the routes, viz., that from Raipúr *viâ* Dhamtari, Kukrel, Dokal, Gatásili, Burgudi, and Borái will do very well for an ordinary road to act as a feeder to the Railway.

18. From Pupogaon, 17 miles south of Nárangpur, I sent Mr. Cormac to Jeypur, and thence up to Kuraputi by the new road, to report on the lay of the country and take a section* of the ghât leading up to Kuraputi; while I marched *viâ* Cheptaamb and Ránigar up the old Mádeoputi Ghât, in which direction, *i e.*, up the Kuradi nullah, the easiest line for a Railway to the Kuraputi plateau is to be found; the gradients on this line will not exceed 1 in 75. The Railway Station for Kuraputi would in this case be near a village called Dengagura, about 2⅛ miles east by north of Kuraputi, and 400 feet lower than the latter place. Kuraputi itself, being near the edge of the higher plateau, is not easily accessible for a Railway from below, except by means of steep gradients. From Dengagura the line would gradually ascend to Dumriput, and thence go on *viâ* Chikapár towards Sálúr. This section of the road will form the subject of a separate report when the reconnaissance of that part of the country and of the ghât portion of the line has been completed. I leave Kuraputi in a few days to undertake this the last section of the reconnaissance.

* Report and section appended.

19. As regards the general question of the location of the proposed line of Railway, *i. e.*, whether it should go east or west of the Noagarh hills, it seems too early to discuss the subject until the most difficult part of line now being explored, *viz.*, the ghât leading from the 3,000 feet plateau to Sálúr, has been carefully considered by the light of figures and otherwise. But I may, perhaps, even at this stage of the investigation, be permitted to make a few observations bearing on the question, and I therefore submit the following points for consideration:—

(1) The economical importance of the country to be developed is probably equal on both sides of the Noagarh hills, except perhaps that, looking to the rich and fertile rice and wheat pro-

ducing country of Dhamtari, the balance would appear to incline in favour of the western line which taps that great grain country.

(2) The development, likewise, of the natural resources of the Jeypur State in the direction of the western route may be considered a pressing necessity, and the Railway on this line would lead all through Madras territory to within 100 miles of Raipúr. Of the present grain and salt traffic, between Chattisgarh and the coast, the major portion passes undoubtedly along the western route, as cannot fail to be observed by any one who travels over both routes.

(3) For military and political reasons the western line also may be thought the more important of the two, bearing in mind the desirability of bringing the Railway near Jeypur and Bustar, where there have been from time to time outbreaks of rebellion which may occur again in future.

(4) The engineering difficulties on both lines are much the same, but the cost of the western line would be somewhat enhanced on account of the ghâts which have to be surmounted at an altitude of over 3,000 feet, while on the eastern line the greatest elevation reached is only 1,346 feet. The item of bridging would probably be more costly on the eastern than on the western line, the former crossing a greater number of formidable streams than the latter.

(5) As regards length, the western line will be from 20 to 30 miles shorter than the eastern, the saving in distance varying between the two figures named according to the gradient that may be accepted for the ghât portion of this route. With a gradient of 1 in 57 the saving in distance would amount to about 24 miles. But the shorter line would not be on that account much less expensive than the longer one, since the 25 or 30 miles of ghât work would cause extra outlay on the shorter line and so nearly assimilate its cost to that of the longer one. The relative cost of the two lines would roughly stand about thus :—

		£
Cost of eastern line, 372 miles, at £5,000 per mile	.	1,860,000
Cost of western line . { 320 miles, at £5,000 per mile		1,600,000
{ 30 „ at £8,000 „	.	240,000
		1,840,000

(6) Finally, if Vizagapatam is to be improved as a port, it will be very advantageous in many respects to be able to send indigenous coal to the port, and for this purpose a Railway from the Godávari coal-fields to Vizagapatam would eventually have to be constructed. Now, if the Raipúr Railway at present under discussion is taken west of the Noagarh hills, it will answer for a certain distance the purposes of the coal traffic from Chanda to Vizagapatam, as well as the grain traffic from Raipúr to Vizagapatam. In fact, part of the line from the port of Vizagapatam to the coal-fields will virtually be made by taking the Raipúr Railway west of the Noagarh hills. This western line will therefore save so much future outlay on a separate Railway which would have to be constructed from the port to the coal-fields, and it will answer the combined purposes of the Chanda-Vizagapatam coal traffic and the Raipúr-Dhamtari-Vizagapatam grain traffic.

Taking the whole distance from Vizagapatam to Chanda to be 450 miles, then about one-third of this distance, *i.e.*, nearly 150 miles, would actually be made by taking the Raipúr Railway west of the Noagarh hills. And, possibly, we may not have to go as far as Chanda or Wuróra for coal, since there is every likelihood of coal being ere long discovered in the valley of the Kolâb river between Jeypur and Bustar, and in the Malkangiri Taluk of Jeypur. This will constitute a strong argument in favor of the Railway being brought near these parts.

20. Observations regarding natural resources, produce, labor, soil, climate, seasons, manufactures, trade, population, &c., along the routes explored have been recorded from time to time in my Notes of Reconnoissance, as directed in paragraph 12 of G. O., No. 2294 W., dated 16th September 1881; the following is a summary of the observations recorded under these heads :—

(1.) BUILDING MATERIALS PROCURABLE; MINERALS AND METALS FOUND.—Materials, such as timber, building stone, clay for bricks, sand, limestone, iron, &c., are equally available on both lines. The rock formation is chiefly gneissic, except west of the Mahánadi, where sandstone and limestone rock prevail. Nodular kunkur limestone and different iron ores abound along both routes, except that kunkur is scarce on the Jeypur plateau. Quartz veins and reefs were found in many places; also some rubies and garnets. Traces of lead, graphite, antimony, arsenic, copper, silver and gold were met in several localities indicated in the notes. The soil is more or less fertile throughout on both lines, and varies from black cotton to light sandy loam. I scarcely saw any very poor soil anywhere.

(2.) CHARACTER AND AMOUNT OF LABOR AVAILABLE.—Local labor will, on the whole, not be found sufficient for the work on the railway, especially in the more sparsely populated parts, where both skilled and unskilled labor must be imported from other parts. The unskilled labor available will, as a rule, be found of a superior description, quite equal to the best in the Madras Presidency.

(3.) RATES OF SKILLED AND UNSKILLED LABOR.—The rates for unskilled labor are at present low along both routes, averaging 1½ to 2 annas per man per diem, paid mostly in grain, not coin; but these rates will in time, with large works going on, and a great demand for labor, very likely increase to 3 or 4 annas per diem.

Skilled labor will have to be brought from a distance to most parts of the work. The indigenous skilled laborers available, such as carpenters, blacksmiths, iron smelters, masons, &c., are of inferior quality, and very scarce besides on both lines. The rates of wages for such (inferior) skilled labor as there is at present are naturally low, say 2 to 4 annas per diem, paid generally in grain. When skilled labor is hereafter brought to the works from other parts, the rates to be paid in coin will be rather in advance of those prevailing in the more settled parts of the southern country.

(4.) CAMPING GROUNDS, DRINKING WATER, &c.—The country may be said to be equally salubrious on both sides of the Noagarh Hills, and good camping grounds are to be found near most of the principal villages; while wholesome drinking water can generally be obtained from the numerous streams and rivulets encountered on both lines. But where the only water available is from swamps or tanks, as is the case in many places, it is of course of inferior quality, and, especially when beginning to dry up, undoubtedly dangerous if used for drinking purposes. Wells, however, could easily be dug along both routes, the water being almost everywhere found close to the surface.

The forests contain a fair number of wild animals and game, such as tigers, cheetas, bear, bison, buffalo, nilgai, pig, sambhur and deer. There are no elephants. Pea fowl, jungle fowl, partridge, &c., are met.

(5.) CLIMATE AND WORKING SEASONS.—The climate along the several routes naturally varies in some measure; the lines explored between Vizagapatam and Raipur passing through 3½ degrees of latitude, while the elevation varies from sea level up to 1,346 feet on one line and over 3,000 feet on the other. But, allowing for the change of temperature due to an elevation of 3,000 feet on the upper Jeypur plateau, the climate may be said to be much the same on the both lines; and on the whole it is a very favourable climate for carrying out large works during the greater part of the year.

The working seasons are also nearly alike on the rival lines, both being but lightly affected by the two monsoons; practically there is nothing to prevent work being carried on throughout the year, save for a month or so during the

first violent burst of the north-east monsoon and for some time afterwards, when the jungles are very unhealthy, say from the end of October to the beginning of December. The hot weather is rather favourable for ordinary outdoor labor here as elsewhere in Southern India. The indigenous labor available will not suffer from fever, dysentery, &c., to the same extent as imported labor would.

(6.) CULTIVATION AND MANUFACTURES; FORESTS.—Detailed notes on the prevailing cultivation, in different parts along the several routes explored, have been given in my reports submitted from time to time. About one-fifteenth of all the country marched through, south and east of the Mahánadi, may be said to be under cultivation; the rest is chiefly jungle and forest, with some pasturage and waste land, but there is not much of the last.

West of the Mahánadi, however, and for some distance eastwards from its right bank, between Gorári and Achtôa, and in the whole of the Dhamtari Taluk the country is fully cultivated, and there is little or no jungle.

The finest forests on the eastern line were found between Bisemkattah and Asurgor, then along the Sunder or Under river in the Karial estate, and between Kúmúna and Telibanda; while there is an extensive teak forest 15 to 20 miles south-west of Karial.

On the western route I marched through some magnificent forests, along the course of the Sorul or Sonder River, from Karti up to Raigarh. There is fine and uninterrupted *forest* (not merely *jungle*) from Paraga to Noagarh, a distance of 16 miles, with not a village among the whole line.

From Noagarh to Nárangpur, and further south, is beautiful forest all the way, sometimes primeval forest, on rich virgin soil. Now and then the tall forest relieved by common jungle, or small clearings for cultivation, and divided by occasional belts of swampy ground, partly cultivated, through which the drainage of the country passes. The number of villages is small and the population sparse. Hundreds of square miles of the most fertile soil are waiting for the plough. This description of country continues up to the foot of the Mádeoputi Ghát leading to the upper Jeypur plateau (Kuraputi).

The useful timber trees chiefly found in the forests are sál and matti, but there are also blackwood, yégi and some other kinds. Teak is rather scarce in these jungles, except in special localities, such as the teak forest near Karial noted above. Of fruit and other useful trees, jack, fig, gooseberry, tumica, mango, tamarind, margosa, and variety of acacias are everywhere found. The mhowa or ippa tree abounds in all the country travelled through, north of Ryaguddah and west of Potinghy, but its wood is not useful for timber.

The sheep and cattle met with were on the whole not numerous, and of a very ordinary breed. Country ponies are to be had at Ráipur, Rajim, and Sónpur, where cattle fairs are periodically held.

The crops, which are much the same east and west of the Noagarh hills, consist of several kinds of rice, sugarcane, ragi, two or three kinds of gram, millets, oilseeds, wheat (this last chiefly west of the Mahánadi), tobacco, chillies, mustard, garden vegetables, &c. The quantity of rice grown along both lines, sometimes by means of primitive and inexpensive methods of irrigation, and sometimes dependent upon a few seasonable showers of rain only, is very large, and shows what could be done in this direction by a more numerous and civilized agricultural population. Irrigation is carried on partly by small river and spring channels, or under rudely-constructed tanks; and partly along the sides of nullahs, when the banks are cut down, the ground levelled and small flat valleys created; as well as in swamps, which are to some extent drained and then converted into rice-fields.

The average price of rice at Raipur and Dhamtari in December and January was one rupee for 60 seers, and of wheat one rupee for for 45 seers.

Several kinds of oil, coarse sugar, ghee, and alcoholic liquor distilled from the flower of the ippa or mhowa tree are largely manufactured.

Tassa silk and coarse cotton cloths are made at Risga near Tukla in the Karial estate, also near Dhamtari, and in some other places. The tassa silk-worm feeds upon the leaves of sál and matti trees.

Glass bangles and some rough lacquered ware are manufactured at Nárangpur.

Skilled workers in leather and iron, as well as gun-makers, brass-workers, goldsmiths and jewellers, are rare.

(7.) TRADE AND TRADE ROUTES.—The chief products carried from Chattisgarh, Jeypur, and Bustar to the coast are rice, wheat, gingelly-seed, linseed, Bengal-gram, horse-gram, turmeric, ginger, dammer, arrowroot, soapnuts, marknuts, myrabolams or gallnuts, hides, beeswax, honey, horns, hoofs, iron, and lac (the product of an insect). The chief imports carried from the coast to the interior are salt, saltfish, cloths, opium, spices, glass bangles, &c.

Trade is almost exclusively carried on by means of pack-bullocks belonging to the wandering tribes of the Brinjaries, and the chief routes frequented by them are the following:—

I. From the several salt-pans on the coast to Sálúr and Párvatipúram.
II. Párvatipúram *viá* Ryaguddah, Bissemkattah, and Ombadóla to Santpúr, Dádpúr, and up to the Tél Nadi and Mahánadi to Sónpoor and Sumbulpoor.
III. Párvatipúram *viá* Narrainputnum, Letchmipuram, Dasmatpur, Girliguma to Nárangpur.
IV. Ryaguddah *viá* Singapore and the Músa Ghât to Bondesor (Bhawánipatnam).
V. Músa Ghât *viá* Junágar and Déobhog to Noagarh and Rájim.
VI. Bondesor *viá* Daspúr, Manjhér, Karial, Torbor, Tarnot, Sirgidi, Karti to Arang and Raipur.
VII. Sálúr, Kuraputi, Nárangpur, Omórkot to Kánkér and Dhamtari.
VIII. Omórkot, Raigarh, Risgaon, Machka, Sihóa to Dhamtari.
IX. Kankér to Bustar.
X. Bustar to Jeypur.
XI. Jeypur, Sogaru, Padawa, down the Galikonda Ghât to Kasipuram.
XII. Jeypur to Malkangiri and Moet.

(8.) POPULATION AND LAND AVAILABLE FOR IMMIGRANTS.—The people in the jungles are almost wild, and live in a semi-barbarous state, partly by the chase. They are mostly miserably poor, and dwell in small huts built of sticks and thatch. The small garden plots and spaces round their huts are fenced in with stakes as a protection against wild animals. Their agricultural operations are of the most primitive kind, and they have barely enough to subsist on. In the more civilized parts, in the large villages and towns, and in the well-cultivated tracts, such as the Dhamtari Taluk for instance, the people are comparatively well-to-do; they live in better houses, and have enough to live on and to spare for export.

There are large tracts of the best soil, now covered by jungle and forest, which offer a very promising field for immigrants. Such tracts are to be found in the zemindaries of Karial, Patna, Bodosamar, Nara, and Súarmal, in the Noagarh and Kankér estates, as well as in Kálahundy, Jeypur, and Bustar.

21. I have much pleasure in recording my obligation to the authorities of the Central Provinces and to the Manager of the Bindra-Noagarh Estate, as well as to the Rajahs of Kankér, Bustar, and Jeypur, for the ready assistance rendered to the reconnoitring party in the matter of guides, coolies, camp supplies, &c.

22. As the expedition is drawing to a close, I request your authority to hand over all Government tents, tools, stores, instruments, &c., belonging to my party, to the charge of the Executive Engineer at Waltair. Unless I receive other orders, I propose to embark at Vizagapatam for Madras by the first steamer in April. Till then I beg that all communications may be addressed to me at Waltair.

Ordered to store them at Vizagapatam. 7th March.

NOTE.—I must ask your indulgence for the inferior caligraphy of this letter, and for all corrections, erasures, &c., as my writer is not very efficient.—K. F. N.

XIV.

A.

Extract from Executive Engineer's Notes of Reconnoissance from Raipur to Nárangpúr via Rájim, Bindra-Noagarh, Háthgaon and Omorkót, 185 miles, 4 furlongs. January 15th to February 5th, 1882.

January 15th, 1882. Raipur to Khandwa en route to Noagarh. Height of Raipur above M.S.L. 963 feet. Distance 14 miles, 2 furlongs, 137 yards. Thermometer 6 A. M., 55° F.; 11 A.M., 79°; 4 P.M., 79°.

Thermometer and aneroid readings.

55°
29·3 w

Just outside the cantonment limits limestone rock is seen cropping out on the surface; an irrigation channel crosses the road.

60°
29·34

58°
29 38

At the 3rd mile is the village of *Lalgaon* with a tank; then *Deopuri*. The soil is laterite.

5 miles, 0 furlong, 187 yards. Dumurtuli, village with tank and tope. Soil laterite covered with brown clay. Extensive wet and dry cultivation; but most of the crops have been harvested, except wheat and linseed. There is some waste land about here, but little compared to the extent of cultivation. The laterite soil is occasionally varied by black clay, full of cracks and fissures in its present dry state.

60°
29·38

7th mile. Two culverts required, each with one vent 3 to 4 feet square. The general *drainage* is of an ordinary description; besides the bridges, noted as required in the report, about 4 to 5 culverts with vents, each 2 to 3 feet square, are wanted per mile.

68°
29·37

8 miles, 2 furlongs. Village of Mana, with tank and tope, gardens and wells; soil light brown clay.

68°
29·35

10th mile. The village of Nembhora half a mile to the right; a fine tank by the roadside There is much iron-stone gravel about; also some red sandstone and a kind of coarse clay slate.

72°
29·32

11 miles, 6 furlongs, 178 yards. Uparwara, village with tope, tank, gardens and wells. A stream (Taivar nullah), 20 feet by 7 feet, with clay and gravel in the bed, and well-defined banks; no rock visible. Fields of rice (harvested) and wheat (growing). Then a gentle rise in the ground; half a mile further a swamp, with a stream, 6 feet by 4 feet. Laterite soil.

76°
29·36

78°
29·34.

13 miles, 5 furlongs. A stream called Ghatóriah, 15 feet by 6 feet, with perpendicular banks; bed laterite gravel.

14 miles, 2 furlongs, 137 yards. Khandwa, village with tank, tope, gardens and extensive fields. Soil laterite. Height above mean sea level 1,001 feet. Rise from Raipur 38 feet. *A good made road* runs from Raipur to this and further too, but it becomes gradually more and more neglected the further it goes. *Avenue trees* have been planted by the roadside, but they are not prospering owing to the manner in which they are protected, *i.e*, about a cubic yard of earth is being heaped round the base, whereby the tree is deprived of the necessary moisture, and the roots grow above ground in the earth heaped round the tree.

80°
29·29

January 16th. Khandwa to Rájim. Distance 11 miles, 2 furlongs, 118 yards. Thermometer 6 A.M., 57°; 11 A.M., 75°; 4 P.M., 80°. In the first mile occurs a small *stream* (Chittar. nullah) 10 feet by 5 feet, in black soil, with muddy bed and high banks; a road bridge is about to be built here, for which red sandstone is being collected. The country is nearly all cultivated; there is very little waste land; the soil is mostly black; the chief crops are rice, wheat (ghóún), linseed (alsi), and Bengal-gram (chenna).

2 miles, 4 furlongs, 160 yards. Kolhán nullah, 20 feet by 10 feet, banks well defined; bed sandy with gravel. The village of Thanond lies half a mile to the right; there is large tope near it; most of the villages here have fine topes; otherwise there are few trees about.

3 miles, 4 furlongs. On the summit of some gently rising ground a cross road running north and south. Topes and trees begin to occur more frequently than before, and there is some waste land about. Two small tanks by the roadside and a young mango tope; extensive rice fields.

5 miles, 3 furlongs, 154 yards. Sunderkhera, a large village with topes and tanks and extensive wet and dry fields. Soil chocolate coloured, with small stones and gravel (red sandstone); numerous mhówa trees about. The minor drainage required for the road is of an ordinary description, four to five culverts per mile, each 2 to 3 feet square, would suffice.

7 miles, 1 furlong. Parsáda, a large village with a tope. Babul trees plentiful especially by the roadside. Near the village is a nullah 35 feet wide and 8 feet deep, with gravelly bed and steep banks; no rock visible; soil black. A little further on two small tanks by the roadside. Linseed (alsi) is largely grown about here.

8 miles, 5 furlongs, 180 yards. Village of Ghónt; a nullah 15 feet wide by 10 feet deep, with steep banks and soft bed, in black soil.

10 miles, 1 furlong, 175 yards. Paragáon, a large village, with extensive groves of mango and tamarind trees and several tanks. Laterite rock is seen cropping out. Here the Mahánadi is crossed, about a mile above Noapára.

The river is 1,908 feet wide between the banks, but in floods the northern or left bank, which is low (about 15 feet high), is inundated; the southern or right bank is 25 to 30 feet high. The low water in the deep bed at present is 1 to 1½ feet deep and 200 feet wide, the bed is sandy, but there is laterite rock on both banks. There is an island, with a temple, just below the junction with the Pairi river. The temple is dedicated to Kolésa Mahadéo.

11 miles, 2 furlongs, 112 yards. Camp on southern bank of Mahánadi in a fine tope near a temple, on the out-skirts of the town of *Rájim* where a zemindar lives. There is an Imperial Post Office, a Police station and a vernacular school here. The temple is considered a very holy one. The priests have in their possession three copper plates, joined by a copper ring with a seal; the plates are rectangular, measuring 12 by 9 inches, one-eighth of an inch thick, and bear an inscription in the Páli language; they are said to be very ancient and to contain the title deeds of the temple property. General Cunningham of the Archæological Survey has seen them and I believe taken a copy of the inscription.

Rájim is 917 feet above mean sea level. Fall from Khandwa 84 feet.

Distance from Raipur 25 miles and 5 furlongs. I halted two days at Rájim to dispose of some office work, as this is the last Post Office I shall meet until I get to Nárangpur.

January 19th. Rájim to Kopra. Distance 10 miles, 1 furlong, 206 yards. Thermometer 6 A.M., 49°; 11 A.M., 75°; 4 P.M., 79°.

Mean aneroid reading at Kopra 29·23. Passed through the town of Rájim and its fine topes; then over some waste land with black soil, the ground full of cracks and fissures.

The country is open; topes, fields and villages are seen in all directions. The crops are chiefly wheat, linseed and Bengal-gram.

2 miles, 2 furlongs. Village of Chobebandha, with gardens, wells, topes, and fields; the latter mostly wet. The village of Sindhori was left half a mile to the right. Black soil.

4 miles, 2 furlongs. Baronda, on high ground, with light soil and some red gravel. Fields gardens, tank and tope. The castor-oil plant, sugarcane, tobacco, and garden vegetables are grown. A spring channel (called Damahúa nullah) beyond the village requires a small bridge, 10 feet by 5 feet.

There are numerous wells about here, near the bank of the Pairi river, by means of which vegetables are cultivated. The water in the wells is about 8 feet below the surface. The village of *Chichond*, with a mango tope, was left a quarter of a mile to the east.

The river Pairi here is very broad and shallow, has a very gentle fall and inundates the country on its right or eastern bank. In the 6th mile is a shallow sandy *nullah* which is subject to floods from the river, and requires a waterway of 45 feet by 4 feet.

6 miles, 2 furlongs. Kuraskera, with several mango topes and extensive gardens. In the latter are found chillies, brinjals, castor, onions, garlic, beans, pumpkins, mustard, tobacco, and sundry vegetables. Soil light loam.

6th mile. Túra, a small village, with gardens, topes and several small tanks. The soil continues of a light description. Half a mile beyond the village a young *mango tope* is being reared. In the 9th mile is another and larger plantation of young mango trees, which are protected by basket work fences and seem well attended to.

10 miles, 1 furlong, 206 yards. Kopra, a large village with extensive fields, gardens and topes on high ground and light soil.

The Noagarh hills and jungles are seen looming in the distance.

Kopra is 931 feet above mean sea level. Rise from Rájim 14 feet.

Distance of Kopra from Raipur 35 miles, 7 furlongs.

January 20th. Kopra to Bourka. Distance 12 miles. Thermometer 6 A.M., 49°; 11 A.M., 82°; 4 P.M., 78°.

The soil south of Kopra is alternately black and light; there are large rice fields; wheat is becoming scarcer; some waste land is seen, and some land lately reclaimed from the jungle.

At 1½ mile a *stream* is crossed, called Bhór nullah 10 feet by 5 feet, with high banks and soft bed. The route lay along the bank of the Pairi river, which is here broad and shallow, and has very little fall. At 2½ miles the village of *Surkunda* with a tope, gardens and well, and numerous cattle. Sugarcane and plantations are grown. Then begins *jungle*, as yet of a light description; a tank is passed; the village of *Pandúka*, where there is a Police station, is left to the east. I did not go by the bandy track to Pandúka, as I wished to keep along the river bank where the railway should be made; the bandy track crosses a small ghát near Bourka. The soil is mostly black and much cut up by cracks, fissures and holes.

Traffic.—Several large gangs of Brinjarri bullocks were met, carrying rice and wheat southwards.—In the fourth mile a *tank*. Then the *village of Kutéra* (4 miles, 1 furlong). Some light jungle about here; and sandstone rock is seen cropping out. In the 5th mile begins the regular *jungle* again, and gradually becomes denser. A small stream is crossed, 9 feet by 4 feet, with good banks and hard bed, a tributary of the Pairi river. Soil light. At 5½ miles occurs a large *plantation* of *sugarcane* on the river's bank. Near this a stream, flowing into the Pairi, 25 feet wide and 8 feet deep in flood, with steep banks and a good hard crossing. Here the *gneiss formation* begins again; no more limestone rock or sandstone; much gneiss rock is seen cropping out; kunker nodules lying on the surface; there are some patches of cultivation in the jungle.

At the 6th mile are large rice fields on rather high ground in the jungle, rudely cultivated without visible means of irrigation, by rain water most likely, in the wet weather; they are now dry.

6 miles, 4 furlongs. The village of Kúkda. Some rice fields. Thin scrub jungle all round. Light clayey soil with sand. Some laterite is seen cropping out, but the prevailing rock is gneiss. In the 8th mile much rock occurs along the bank of the river, and the jungle becomes very dense. A few patches of swampy soil are met with, roughly cultivated. The route continues along the river's bank; the soil is alternately stony and swampy; some high rocky ground to the left. Jungle dense.

9th mile. A nullah, 12 feet by 5 feet, with steep banks and soft crossings; close by two smaller nullahs 7 feet by 4 feet each, another 9 feet by 4 feet, and a fifth 12 feet by 5 feet; the last four with stony crossings.

9 miles, 3 furlongs. Páhpur, the site of a deserted village, belonging to Bourka; a few huts are left standing; there are very few signs of cultivation about; the place looks an unmitigated wilderness. At 9½ miles, two small nullahs close together, each 9 feet by 4 feet; the ground here is broken, and the soil stony and rocky, the jungle dense, the grass high. The rocky hill side rises from the bed of the river; and some hill side cutting for about a mile would here be required for the road.

11th mile. A nullah, in a swamp, 25 feet by 6 feet. Banks ill defined; bed sandy.

12th mile. Bourka, a small village in a jungle clearing, a swamp partly cultivated, surrounded by rocky hills well wooded.

Mean aneroid reading at Bourka 29·21, height above mean sea level 992 feet. Rise from Kopra 61 feet. The place is spelt Bourka on the map, but the people pronounce it Bárka.

Distance of Bourka from Raipur 47 miles, 7 furlongs.

21st January. Bourka to Dongriga. Distance 9½ miles. Thermometer 6 A.M., 43°F.; 11 A.M., 80°; 4 P.M., 80°.

The rough bandy track, such as it is, leads from here over some gently rising flat ground, with hilly jungle on both sides, which offers no obstacles to road or railway. Some rude rice cultivation in a swamp on sloping ground is met.

The low hill ridges accompanying the track on either side are well wooded; the soil is hard and gravelly, much nodular kunkur limestone lies about on the surface. A little further on, the track leads for some distance along the slope of the ridge on the left, from which much drainage descends that crosses the road and will require a culvert, 3 feet to 4 feet square, per furlong. There is not much rock here; what there is, is gneiss decomposed on the surface, and conglomerate. Near the end of the 2nd mile the line runs close to the bank of the Pairi river which is here shallow and broad, with but little fall, and overflows its banks.

2 miles, 1 furlong. Stream 10 feet by 4 feet; low banks and sandy bed. The track is cleared of jungle to a width of 15 to 20 yards, and the surface has been roughly improved for cart traffic in the dry weather.

At 2½ miles, two streams, not far apart, each 10 feet by 4 feet.

At 3½ miles a large clearing in the jungle with some cultivation. Not far from this is the village of *Kárti,* on the other side of the river. *Kurubata* lies to the left, with a tank and extensive rice fields.

4 miles, 5 furlongs. Village of Malga, situated on the hill side, somewhat above the general level of the country.

5th mile; cross the Pairi river, here 1,530 feet wide. The bed is sandy and there is no rock visible. The northern bank is not well defined, low and subject to inundation during floods; the southern bank is steep and rises 12 feet above the bed.

The high floods are said in some years to rise 6 to 8 feet above this bank and to submerge the country up to the village of *Manjarkata, which is at 6 miles, 1 furlong.* On the southern banks of the river the jungle is largely cleared, some apparently quite lately, and the ground is well cultivated. The village of *Chikli* is left on the right.

Rice, sugarcane, Bengal-gram, linseed, castor-oil and tobacco, besides vegetables, are grown; wheat is no longer met. The soil is mostly black. A small tank (bhandhárbúla) is near the track. Some sheet rock (gneiss) appears above the surface.

7 miles, 1 furlong. Village of Amdi, with some cultivated fields; then jungle again; the country here is quite flat. At 7½ miles a small nullah, 12 feet by 5 feet.

7 miles, 6 furlongs, 149 yards. A larger nullah 55 feet wide, with low perpendicular banks, 4 feet high, which are said to be covered by extraordinary floods to a further depth of 3 feet. The water-way required to be provided to pass such floods is more than twice that contained between the banks.

8th mile. The village of Paraga, where the Manager of the Noagarh estate lives; the young Rajah, a minor, being in school at Raipur. There is a Police station at Paraga. Some good gardens are here; an avenue of young mango trees has been planted and is taken care of.

From Paraga to Noagarh, a distance of 15 miles, there is uninterrupted jungle, without a single village. The villages that once existed have been deserted.

A swamp is met near Paraga; then the jungle begins, through which a track has been cleared 15 to 20 yards wide, and the surface has been improved for cart-traffic. There is much sheet rock about (gneiss) and some conglomerate, called Choári in Hindustani.

8 miles, 5 furlongs. A shallow nullah, 20 feet by 4 feet, with low banks and sandy bed.

9 miles, 3 furlongs, 105 yards. Dongriga, the site of a deserted village, near the Bamni Dévi rock (which looks like a ruined castle). There are no traces of cultivation left; the jungle

grows all round the place, which is said to have been deserted by the villagers on account of the numerous wild animals about here.

The mean aneroid reading at Dongriga is 29·04 feet.

Height above mean sea level 1,130 feet.

Rise from Bourka 138 feet.

Distance of Dongriga from Raipur 57 miles, 2 furlongs, 126 yards.

January 22nd. Dongriga to Noagarh. Distance 13 miles, 1 furlong. Thermometer 6 A.M., 46° F.; 11 A.M., 86°; 4 P.M., 80°.

In the first furlong the *Dongriga nullah* is crossed, 35 feet wide and 7 feet deep in flood, with a sandy bed, but rock for foundations near; the banks are about 5 feet high and well defined, they are flooded in the rains.

The track through the jungle continues to be cleared to a width of from 15 to 20 yards, and is made passable for carts. The soil is alternately swampy and stony, and embankments will be required in several places. The ground level is slightly undulating, the drainage ordinary, mostly from left to right. The jungle is small but dense, there is no large timber in the first mile.

1st mile, a shallow stream, 12 feet by 3 feet. At 1 mile, 3 furlongs, 146 yards, Tírnai nullah, a stream 35 feet wide at bottom and 5 feet deep, with low banks, sloping at 1 in 30, and sandy bed; no rock. There are some tall forest trees here in the jungle, matti (sája) and sál (sarái) predominating. Some rock is seen near the surface, chiefly gneiss; much quartz is lying about in fragments.

The soil is alternately hard and gravelly, then sandy or clayey loam. Much tall young timber, chiefly sál; fine straight poles.

1 mile, 7 furlongs. A stream 9 feet by 3 feet. Ground undulating.

2 miles, 6 furlongs, 54 yards. Bugai nullah, a stream 35 feet wide with irregular sloping banks and sandy bed; rock for foundation near at hand; the rock is a kind of decayed gneiss called "Darraputtar" in Hindi. Then some rising ground and stony soil.

3 miles, 1 furlong. A small drainage channel 6 feet by 4 feet, flowing to the left. In the same mile there are several more small drainages like the above, all leading from right to left. There is no cultivation here; all jungle and tall grass, upon a hard but fertile soil. Ample space for agricultural operations.

4 miles, 1 furlong, 40 yards. Aneroid reading 29·06. *Korihardi nullah,* a shallow stream with low irregular banks and sandy bed; probable section in flood 25 feet by 3 feet. There was a village of *Karihardi* here, some twenty years ago, which, the people say, has been deserted on account of the depredations of wild animals. The ground continues to rise gently; the jungle is tall, with little underwood, but high grass; the soil is hard and gravelly. Further on the ground undulates again, and some hill-side cutting will be required for the road; but not much. Good matti timber is abundant.

In the 5th mile is the Mogni nullah draining to the right, and measuring 16 feet by 4 feet.

The jungle here is hilly and stony, and the ground irregular. The track leads over the *Urtuli Ghát,* a small ascent, about 120 feet in perpendicular height. The track is taken straight up the hill-side, while the new road or railway should keep lower either to the right or left where there is enough room for a gradient of 1 in 100. Much quartz is lying about the surface; reefs of it, and large veins in gneiss rock, occur in several places about here.

5 miles, 5 furlongs, 187 yards. Head of the Urtula Ghát.—Aneroid reading 28·93. From here the track descends again; but, as before stated, the rail need not be taken up so high as this. Further on, the ground becomes flat again, only now and then gently undulating. Some grassy plots—pretty glades—are seen here and there in the jungle; they are swampy in the rains, I suspect.

Aneroid 28·95.

7 miles, 4 furlongs. Near the deserted village site of *Joba;* with patches of grassy swamp, now dry.

8th mile, a nullah draining to the right, 5 feet by 3 feet; black soil. Then some gently rising ground.

8 miles, 4 furlongs; a nullah, 6 feet by 4 feet, in stony soil.

9 miles, 1 furlong, 172 yards. Summit of low rise. Descent very gradual from here; the cleared track through the jungle continues, but only 10 yards wide; the surface improvements become scarcer.

Aneroid 28·95.

Some broken and irregular ground; stony; a small drainage culvert required 3 feet square; another 7 feet by 3 feet.

10 miles, 1 furlong, 152 yards. Teregi nullah, 15 feet wide and 9 feet deep, in soft soil, with steep banks; no rock. Much young sál-wood grows here, good straight poles, 50 feet high and 1 foot in diameter. The jungle consists largely of sál; there are also many matti trees. No bamboo is seen about here.

Aneroid 29·03.
Thermometer 72°.

11 miles, 2 furlongs, 170 yards. Kasoni nullah, 20 feet by 4 feet; sandy bed, but rock for foundations at hand.

Aneroid 29·01.
Thermometer 80°.

11 miles, 5 furlongs. A nullah 12 feet by 5 feet, in a swamp. Then again good, hard soil. Some undulating ground, involving cutting and embankments, and occasional hill-side cutting; but only on a small scale.

12 miles, 5 furlongs, 110 yards. *Harpali nullah,* 25 feet by 7 feet, sandy bed; steep banks; rock for foundations. Here the track to *Kusmi* branches off to the south-west. Much sheet rock (gneiss) cropping out between this and Noagarh.

Aneroid 28·97.
Thermometer 84°.

13 miles, 1 furlong, Noagarh, a small village, containing about 40 mud huts, besides the Zemindar's buildings (which are also of mud, timber and thatch); situated at the foot of a rocky hill which has a temple. The village and its fields are placed in a confined, ill-ventilated space, on irregular ground, with rocks and swamps about, and three or four stagnant tanks.

11-30 A.M.
Aneroid 28·96.
Thermometer 85°.

There is no need for bringing the railway to Noagarh; it can be taken over lower and better ground between this and the river Sondor, some 4 or 5 miles west of Noagarh; or better still, entirely along the river, *i.e.*, within half a mile or so of the bank.

January 23rd. *Halted at Noagarh,* and despatched one camp ahead to Balétma, which is on the Sondor river.

The mean reading of the aneroid battery at Noagarh is 28·82; height above mean sea level 1,314 feet.

Rise from Dongriga 184 feet. Distance of Noagarh from Raipur, 70 miles, 3 furlongs, 154 yards.

January 24th. *Noagarh to Baltéma.* Distance 10 miles, 6 furlongs, 131 yards. Thermometer 6 A.M., 57°; 11 A.M., 78°; 4 P.M., 82°.

Detached Aneroid 28·95.

Returned to the *Harpali nullah,* where the *track to Kusmi* branches off.

From here the ground becomes somewhat irregular and the jungle is pretty dense; the soil as a rule is light and sandy, rather stony, occasionally rocky; the drainage is of an ordinary description and runs from left to right. The track leads up and down, but mostly up-hill at easy gradients. Some hill-side cutting would be required, but not much.

Detached Aneroid 28·94.

At 1 mile, 2 furlongs, 165 yards, the summit level of the rise is reached.

1 mile 4 furlongs. *Murgi nullah,* 15 feet by 4 feet. Much young sâlwood and high grass.

2 miles, 1 furlong, 168 yards. *Teregi nullah,* 15 feet by 7 feet; the same that was crossed on the 22nd at a lower part of its course. Here is an abundance of *quartz,* white, pink, red and black, scattered about the surface. The soil is hard and gravelly. Both the Murgi and Teregi nullahs flow from left to right, have steep banks, a rapid fall and sandy beds with stones.

2 miles, 6 furlongs. *A clear spot* in the jungle, somewhat swampy; the sight of the deserted *village of Bardul,* said to have been left by the people 10 years ago on account of the numerous wild animals about. But this is scarcely a satisfactory explanation; there must be some other cause for this and other villages in these parts being deserted. Not a vestige of a house remains at Bardul, and scarcely any sign of cultivation, except the jungle clearing. The ground here is no longer hilly, but flat.

3 miles, 5 furlongs. *Satigat nullah,* 60 feet wide at bottom, 8 feet deep; bed sandy, with gravel and loose stones. Banks high, and sloping at an angle of about 45°. The soil here is light sandy loam, on which grows the ordinary jungle and some tall grass. The track has been cleared of trees and bushes, 5 to 6 yards wide, and is passable for carts.

In the 4th mile is a large area of deserted fields in the jungle which have apparently not been cultivated for some years; this belongs to the village of Kusmi.

4 miles, 2 furlongs, 190 yards. *Kusmi nullah,* 60 feet by 8 feet, of the same size and nature as the Satigat nullah in the 4th mile.

4 miles, 4 furlongs. *A small drainage channel,* 6 feet by 2 feet.

A temple of Máta Dévi, i.e., a rude mud-and-thatch hut, surrounded by wooden palisades as a protection against intruders, both men and animals. Then another small streamlet, 6 feet by 2 feet.

5th mile. *Village of Kusmi,* consisting of about 25 huts, containing 60 people, in a large jungle clearing, with extensive wet fields on rich soil; a small tope and a good herd of cattle. Then jungle again, at first light scrub, then dense with young sâl and some matti trees. Soil, light sandy loam; a few masses of gneiss rock showing above the surface. On the left, about a mile off, is a hill, marked on the map 2,366 feet high, or about a thousand feet above this village. Between this and the 7th mile four larger culverts are required, averaging 7 feet by 3 feet.

7 miles, 5 furlongs. *Village of Boirga,* six huts in a small jungle clearing, enclosed by palisades as a protection against wild animals. Very little cultivation, although the soil is good. There are signs of sámbhur, bison, and wild pig about. Next to the village is a swampy glade: a grass plot in the jungle, on black soil, which will be difficult to pass in the rains. Two furlongs further a track, *i.e.*, a foot-path, branches off to the right, leading to Amaróra, through a young sâl forest 10 to 15 years old, with tall grass. The path we follow is very slender, sometimes scarcely visible, but the grass and brushwood along it have been cleared a little by the party sent on yesterday.

9 miles, 2 furlongs. *Kolbóra nullah,* 15 feet wide at bottom, 4 feet deep; banks sloping at an angle of 30°; sandy bed, but rock for foundations at site. The rock is gneiss (in Hindi Gaunha). All jungle, no cultivation. Ground slightly undulating.

9 miles, 5 furlongs. *Budra nullah,* 35 feet wide, 6 feet deep; steep banks; sandy bed, no rock.

Tall grass, 7 to 10 feet high.—A swampy glade; then again jungle of young sâl trees, with scrub and brushwood. Indeed, for the last 40 miles of this march the country has been one uninterrupted jungle, except at the few miserable villages met.

10 miles, 4 furlongs. *Amajóri nullah,* 25 feet wide, greatest depth 5 feet.

One bank high, the other low and flooded; bed sandy, no rock visible.

10 miles, 6 furlongs, 131 yards. *Baltéma,* a wilderness with eight miserable huts, built of sticks and thatch, inhabited by about 20 people all told, most of whom had run away last night at the approach of the advance camp; no signs of cultivation to be seen.

Mean reading of aneroid battery at Baltéma 28·83; height above M.S.L. 1,295 feet.

Fall from Noagarh 19 feet. Distance of Baltéma from Raipur, *viâ* Noagarh, 81 miles, 2 furlongs, (deducting 1 mile for the distance, from Harpali nullah to Noagarh, travelled over twice). But along the Sondor river—where the railway should go, instead of *viâ* Noagarh—the distance is only 75 miles and 2 furlongs—Baltéma has a reputation for tigers. The Manager of the Bíndra-Noagarh estate, who was most solicitous for our welfare, furnished each tent in camp and each horse with a guard of two jungle men to keep the tigers off. Firewood was plentiful, and the guards slept peacefully, roasting themselves within a few inches of the blazing fires. No tiger came.

January 25th. *Baltéma to Tumaribahál*—Distance 12 miles. Thermometer 6 A.M., 50°; 11 A.M., 84°; 4 P.M., 84°.

Passed through low scrub jungle, with young sâl trees and tall, thick grass over rich, dark soil that must be swampy in the rains. In the first half-mile crossed two small drainage channels, 5 feet by 3 feet; the ground in parts uneven.

1 mile 2 furlongs. *Pendra,* a village partly deserted, and rebuilt on another site. Soil reddish, sandy loam with gravel. Then three small nullahs, 5 feet by 3 feet: the ground still uneven.

1 mile 6 furlongs. A small stream, 10 feet by 4 feet, with clear water running in it.

2 miles, 2 furlongs. The present village of *Pendra* in a new clearing.

2 miles, 4 furlongs. *María nullah,* 10 feet by 3 feet; uneven and broken ground.

2 miles, 6 furlongs. *Parsá páni nullah,* 15 feet by 4 feet. Much quartz about here.

3 miles 70 yards. *Jámun nullah,* 9 feet by 3 feet. A little further on a 3-foot culvert is required.

3 miles, 5 furlongs. *Pulbhari nullah,* 25 feet by 4 feet; perpendicular banks, sandy bed; some rock for foundations near.

3 miles, 7 furlongs. *Serai nullah,* 12 feet by 4 feet. Sâl jungle and tall grass. Traces of bison, sámbhur, pig and bear.

4 miles, 2 furlongs. *Jarr nullah,* 20 feet by 5 feet, with steep banks and rocky bed.

The track (which is barely visible) here crosses a number of spurs running out from the hills on the left.

4 miles, 3 furlongs, a small drainage channel, 4 feet by 2 feet. Ground uneven; a succession of spurs; soil hard and stony. The railway should keep close to the river's bank. A hill covered with fragments of quartz, near the right bank of the Sondor, about opposite the village of *Jounra* which is on the left bank.

4 miles, 5 furlongs. *Small nullah,* 4 feet by 2 feet. The soil is quartz gravel.

4 miles, 7 furlongs. *Chickla ki nullah,* 15 feet by 3 feet; rocky bed. The rock is gneiss, with patches and veins of pink quartz, alternating with conglomerate.

5th mile, small nullah, 8 feet by 3 feet.

5 miles, 2 furlongs. *Gobra,* a deserted village; the ten huts, built of sticks and thatch, remain standing, (the walls are made of sâlwood poles placed perpendicularly in the ground; they are 4 feet high at the sides and 8 feet up to the ridge pole; sometimes the spaces between the sticks are closed with mud, but not always. There is only one opening: a door 4 feet by 2 feet.) The people are said to have left about four months ago on account of sickness. No clearing or traces of cultivation near.

5 miles, 3 furlongs. A 3-foot culvert required.

Soil stony: quartzose, gneiss, and conglomerate.

5 miles, 7 furlongs, 205 yards. *Gógor nullah,* 8 feet deep, 60 feet wide; steep banks, level, sandy bed with some rock; a good bridge site is available 2 furlongs higher up the stream which there flows over solid rock between steep rocky banks.

The jungle about here is dense and looks very wild; there is, besides the trees and bushes, tall coarse grass of two kinds, some with thick round stems, some with long flat leaves; the slender path is barely visible.

6 miles, 5 furlongs. *Kátipára,* site of a deserted village said to have been left three years ago. Good, fertile soil.

Here is the boundary of the Noagarh estate. We now pass into the Sihóa Iláqa of the Dhamtari Táhseel.

The country is flat again and the ground even. At the 7th mile a marshy glade in the sâl jungle. A little further on the soil is sandy clay with fine gravel.—Some uneven ground again.

7 miles, 4 furlongs. Two culverts required, 4 feet by 3 feet.—Then some sheet rock (gneiss). Fine young forest, chiefly sâl.

8 miles, 3 furlongs, 110 yards. *Burrpani nullah,* 10 feet by 4 feet. Wild jungle and tall grass.

In the 9th mile two small nullahs, 5 feet by 3 feet. Ground flat, sometimes swampy.

9th mile. *Múra Córa nullah,* 10 feet by 4 feet. Grand old forest, chiefly of sâl and matti; but little brush and underwood.

10 miles, 3 furlongs, 170 yards. *Junction of Dhour* and Sondor rivers.

Cross the Dhour 100 yards above the junction 65 feet wide, 9 feet deep in flood, steep banks, sandy bed, no rock.

10 miles, 6 furlongs. *Tenai,* three or four small huts of sticks and thatch in a jungle clearing. There are signs that the place has been better inhabited formerly. A 4-foot oulvert required.

11th mile. Signs of former rice-fields in a clearing; soil dark and swampy.

12 miles, Tumaribahál, a small village of a dozen huts, with some gardens and a few rice-fields. Castor, pumpkins, beans, hybiscus, chillies, brinjals and tobacco are grown near the huts. Young mango trees have been planted and are fenced in by upright sâl poles, 6 inches thick and 6 feet high, being let into the ground and forming a circle round the tree 3 feet in diameter. This is a very effective protection and gives the young trees enough light, air and moisture. The village is near the right bank of the Sondor river, which is here 150 feet wide and 10 feet deep in flood, and has regular and steep banks, and a sandy bed with rock here and there. A very good encamping ground on the river bank, in an old clearing planted with young mango trees.

The mean reading of the aneroid battery at Tumaribahál is 28·66. Height above mean sea level 1,441 feet.

Rise from Baltéma 146 feet.

Distance of Tumaribahál from Raipur 93 miles. 2 furlongs.

January 26th. *Tumaribahál to Risgáon.* Distance 10 miles, 5 furlongs, 170 yards. Thermometer 6 A.M., 48°; 11 A.M., 87°; 4 P.M., 84°.

The track leads along the bank of the Sondor, through stately jungle.

In the 6th furlong *Mudibabal,* a deserted village; a few sticks left standing; the people are said to have moved their village to another site.

First mile, a few solitary ploughed fields in the jungle. Ground flat; soil light and soft; sandy clay; jungle thin with some clearings and natural grass plots. A watercourse, 5 feet by 3 feet, in a small swamp, just outside the village of *Kasrór.*

2 miles, 4 furlongs, 152 yards. *Kasrór,* four huts containing about twenty inhabitants; a few fields, no gardens. A blacksmith is in the village. The people here still speak Chattisgarhi, a dialect of Hindi.—High hills to the left, a peak is marked 2,445 feet on the map.

3 miles, 100 yards. *Kámunkór nullah,* 15 feet by 4 feet; steep banks, soft bed. Tall rank grass, then forest of sâl; ground slightly undulating.

3 miles, 2 furlongs. *Kauribahár nullah,* 15 feet by 5 feet. Soil, light sandy clay.

4 miles, 194 yards. *Tél Dhorigi nullah,* 20 feet by 5 feet; steep banks; bed, hard soil and gravel.

4 miles, 4 furlongs, 160 yards. *Bórpodór village,* fifteen huts with sixty inhabitants: rice-fields and gardens; some date-palms; south of the village the *Katasaru nullah,* 25 feet by 5 feet, partly dammed up and converted into rice-fields.

5 miles, 2 furlongs. *Kunnár nullah,* 20 feet by 5 feet, with clear running water; rocky bed; banks sloping at an angle of 45°. Then some undulating ground with young sâl jungle.

5 miles, 7 furlongs. *Jhurra nullah,* 15 feet by 5 feet. Underwood and grass very thick; no track; some people have to go ahead to clear a path; slow progress.—Small drainage channel, 6 feet by 3 feet.

6 miles, 6 furlongs. *Káser nullah,* 12 feet by 5 feet, a stony watercourse with rocky bed. A good deal of rock about here, and the ground somewhat undulating; a high hillock to the left, half a mile distant.

7th mile. *Urai nullah,* 8 feet by 3 feet. Undulating and stony ground.

7 miles, 3 furlongs, 146 yards. *Lafni nullah,* 18 feet by 5 feet, with a rocky bed. Much quartz in small fragments about the surface.

7 miles, 7 furlongs. *Kissi nullah,* 15 feet by 4 feet

8th mile; a small ploughed field, quite solitary in the jungle.

8 miles, 3 furlongs, 100 yards. *Karha,* a small village containing five huts with 25 people: some fields and gardens. The people here speak Ghóndi besides Chattisgarhi. A man addressed me as "Máprábu," instead of Jíhó or Máharáj, as hitherto.

8 miles, 6 furlongs; cross the *Bag nullah* (near its confluence with the Sondor), 50 feet wide, 9 feet deep; steep banks, sandy bed, no rock. Brinjarris with gingelly-seed going to Párvatipuram; others with salt coming from Sálúr. The latter said they had been 25 days from Sálúr and would take 10 or 12 days more to reach Dhamtari.

(Risgáon is in the regular trade route from Sálúr and Párvatipuram to Dhamtari and Raipur).

They go from Risgáon, *viá* Kálgád, Sankra, Ránigáon, Malleri, Sirsída, Sihóa, Sémra, Birgúdi, Gatigáon, Gatásili, Dókal, Bunbugowd, Kukrel, Bhoina, Achóta and Koliari to Dhamtari. But this route is not suitable for a railway on account of the irregular ground it passes over.

10 miles, 5 furlongs, 170 yards. *Risgáon,* 15 huts with 60 people. Fields, gardens and a tamarind grove. The camping ground is small and too near the village, also near a swamp; but the headman (or Malgúzár) said the place was healthy.

Mean reading of aneroid battery at Risgáon 28·53.

Height above mean sea level 1,569 feet.

Rise from Tumaribahál 128 feet.

Distance of Risgáon from Raipur, 104 miles.

January 27th. *Risgáon to Háthgáon.*—Distance 8 miles, 7 furlongs. Detached aneroid 28·63. Thermometer 6 A.M., 44°; 11 A.M., 77°; 4 P.M., 82°.

There had been heavy dew at night, and it was a crisp, cold morning. This day we had to ascend some of the last steps to the Jeypur plateau, to which the valley of the Sondor river has been gradually leading up. The track in the first furlong lay through a swamp drained by a nullah, 20 feet by 5 feet. The jungle at starting was light, with some swampy ground in places. At the 7th furlong is the site of the deserted *village of Kursudi,* said to have been abandoned on account of depredations and exactions committed by the Brinjarris. The sâl jungle around is pretty, with occasional grassy glades; there are some young teak trees in the jungle; the soil is light sandy loam, except in the swamps and glades where it is dark, stiff clay.—All jungle.

Aneroid 28·61.

2 miles, 4 furlongs. *A small drainage* 6 feet by 3 feet; half a mile further three more nullahs like the last. The ground is slightly undulating and steadily rising, but gently. Aneroid 28·57.

3 miles, 5 furlongs, 117 yards. *Paudripáni nullah,* 10 feet by 4 feet. Fine tall jungle, and forest trees; aneriod 28·58.

3 miles, 6 furlongs, 150 yards. *The track crosses the Soreá river,* 65 feet wide at bottom, 10 feet deep in flood; sandy bed with some rock; one bank low and and flooded, the other high and steep. This river need not be crossed by the railway which should keep on the right bank.

4 miles, 1 furlong. *The site of Gourgáon,* a deserted village; the people are said to have left on account of Brinjarris, and settled in another place away from the beaten track. A number of young mango trees are planted on the site, and fenced in by upright sâlwood poles, 5 to 6 feet high. The soil is rich clay. Aneroid 28·57. The country here is flat; hills are seen in front and to the right. There are some rice fields, belonging to Gourgáon, which have not apparently been cultivated for some time.

4 miles, 4 furlongs, 145 yards. *A deep nullah,* 15 feet by 5 feet; in clayey soil. Then low scrub jungle and coarse long grass.

At 5 miles, 1 furlong, the track crosses the Soroá river again; but the railway would remain on the right bank, as explained *supra.* Along this right bank the railway should be taken up to Samrathdéi and Dindandi, towards Kóliapodór and Raigarh.—Here is fine old forest, with large matti and sâl trees, also some teak. The ground is undulating and irregular for some distance; then it becomes flat again. The soil is rich. Sâl jungle continues.

At the 7th mile we leave the Central Provinces and *enter Jeypur territory.* Aneroid 28·47.—A drove of pack-bullocks, from Sálúr to Dhamtari, with salt.

7 miles, 4 furlongs; a small drainage to the left, 8 feet by 3 feet. Then some undulating ground.

8 miles, 6 furlongs; a swamp with black soil. Forest of matti and sâl.

8 miles, 7 furlongs. *Háthgáon,* a small village containing five huts and about 25 people, who are not so miserably poor as in some of the villages met along the route for several days past. There is quite a flock of small children, and the headman is building himself a new and roomy hut. The people here speak Ooriya and Ghóndi, the latter a dialect of Chattisgarh Hindi; but they understand Hindustani well enough.—No arrangements had been made here by the Jeypur agency for supplies, &c., for the party; and the Manager of the Bindra-Noagarh estate continued to afford his assistance.

Detached Aneroid 28·39.

No ghât, except the small Urtúli Ghât (on the 22nd) which can be circumvented, has been encountered on this route so far, and no sudden changes of level; the ascents have been gradual and easy, the undulations of the ground but slight; nothing to constitute an obstacle to the railway. The gradient need nowhere exceed 1 in 100. The jungles are magnificent, the soil is good; but villages are few and far between and the population is exceedingly sparse. There are hundreds of square miles of good forest land in the Bindra-Noagarh estate that might be colonized with advantage alike to the colonists and to the administration.

The mean reading of the aneroid battery at Háthgaon was 28·22.

Height above mean sea level 1,870 feet.

Rise from Risgáon 301 feet in 9 miles; about 1 in 150 or 33⅓ feet per mile.

Distance of Háthgáon from Raipur 113 miles.

January 28th. *Háthyáon to Raigarh.*—Distance 11 miles. Detached aneroid at 6 A.M. 28·38. Thermometer 6 A.M., 50°; 11 A.M., 86°; 4 P.M., 81°.

On leaving the village the track crosses a swamp and some rice fields; then through high grass and jungle, chiefly sâl. There is a steady ascent which can be eased by keeping along the Golária nullah to the left. In the first mile we rise about 40 feet, the aneroid at the end of it reading 28·34. Then come repeated ascents and descents (but not very steep or high) which, combined, the Brinjarries call the *Paramári Ghât.*

At 1 mile, 4 furlongs, 109 yards, the aneroid reads 28·24; then we descend again; then another rise; then down and up again. On the last summit (at 2 miles 57 yards) the aneroid reads 28·23. After that we go down once more and cross the *Kurudádodi nullah*, 10 feet by 3 feet; at 2 miles, 1 furlong, 165 yards. Then ascend again. From here a track branches off to the right to Kósampur; there is some rock about.

At 3 miles, 2 furlongs, another summit is reached where the aneroid reads 28·19, showing a total rise from Háthgáon of 200 feet; from here the track leads steadily downwards. The jungle consists of tall matti and sâl trees.

At 3 miles, 6 furlongs, the Mongosáriah (or Golária) nullah is met (25 feet by 5 feet) where the aneroid reads 28·27, showing a rise from Háthgáon of only 100 feet in 3½ miles. This is the nullah along the banks of which the trace should be taken down to the Soroá river (*vide* notes on the 27th, at 5 miles 1 furlong).

From here begins another gentle ascent, and then come a few slight undulations with two swampy glades draining to the left into the Golaria; until at 5 miles 4 furlongs we arrive finally on the Jeypore plateau, and the flat country stretches far away to the south. Met 300 pack-bullocks, taking salt from Sálúr to Raipur.—At the edge of the plateau (aneroid 28·16) there is some dense, young sâl jungle, with a thick undergrowth of stunted dates and other bushes and tall grass, the whole forming a tangle almost impenetrable. Then begins a long swampy glade, partly cultivated, about half a mile wide, and extending southwards for miles, bordered with sâl jungle east and west; the Poragora hills looming in the distance, where there is said to be good black-wood timber and iron stone.

6th mile. Village of Kúruberra. Aneriod 28·16. Soil, dark clay.—We are now in the campaign country of Jeypur.

7 miles, 3 furlongs. Kóliapodór, with twenty houses and about 100 inhabitants. The homesteads have large compounds enclosed by fences of upright stakes; there are some vegetable gardens. The people here speak Ooriya. The track leads along the eastern edge of the great swampy glade, through low scrub jungle and young sâl.

At 8 miles, 6 furlongs, where the aneroid reads 28·18, the swamp is crossed; the country continues flat, while swamp and jungle occur alternately along the track. The soil gradually becomes lighter and harder as we get away from the large swamp.

At 11 miles, 100 yards, Raigarh; with a fine mango tope, good encamping ground and the remains of an old mud fort. Here are about 40 houses, containing 150 people; all Hindus, no Mussulmans or Ghónds.

The detached aneriod reads 28·16; while the mean reading of the battery is 27·98. Height above mean sea level 2,101 feet. Rise from Háthgáon 231 feet. Distance of Raigarh from Raipur 124 miles.

The Manager of the Bindra-Noagarh estate, who had accompanied the party up to this and made himself very useful, returned from here.

The Amin of Omorkót was here to look after supplies, &c.

Halted at Raigarh on the 29th.

January 30th. Raigarh to Béra. Distance, 11 miles 4 furlongs. Thermometer 6 A.M., 55° F.; 11 A.M., 81°; 4 P.M., 83°.

Near the village a tank bund is crossed or rather a dammed-up swamp; then begins the jungle again. There is a well trodden track; the soil is hard brown loam, with laterite cropping out in places; also some gneiss rock. Then jungle and swamp, the latter cultivated in places, alternate. The jungle is chiefly sâl; some of the swamps must be nearly impassable in the rainy season.

At 3 miles, 2 furlongs, the site of Kumli, now deserted. The villagers are stated to have moved to another spot on account of the Brinjarri traffic along the track troubling them. Here is a tank which is said to be never dry, and a temple to the goddess Mátá. There is a large swamp near, which has been cultivated. Then jungle again, young sâl and scrub.

In the 5th mile we pass into a fine forest of old and young trees, chiefly matti and sâl, with some black-wood and yégi, and very little underwood. The forest continues for miles, interrupted here and there by grassy glades, which are swampy in the rains. The soil is fertile and the lay of the ground easy for a road. The track leads for several miles through beautiful forest over level ground, on a water-shed and encounters very little drainage. Here is some of the finest forest I have seen on this expedition; it has apparently never been touched by the hand of man and might be called primeval.

In the 7th mile the ground is slightly undulating: the soil in the lower parts is rich, dark clay; on the higher ground light brown and sandy.

In the 10th mile the ground descends gently towards Béra; the soil is sandy loam. At 10 miles, 4 furlongs, we emerge from the great forest and enter small jungle. At 10 miles, 5 furlongs is a large clearing where the village of *Béra* formerly was.

The people are said to have shifted to another site, not far from this, some years ago, when the Police was first introduced here. There are extensive rice fields; a ledge of gneiss rock shows above the surface in two places.

11 miles, 4 furlongs. *Béra* has about 15 huts and 40 inhabitants. It is situated near the Tél Nadi, which is here 40 feet wide and 8 feet deep between the steep and soft banks, subject to floods which inundate the swamp on both sides. The drainage encountered on this day's march was very little, as the track led for the most part along the ridge of a low water-shed, from which the country falls away in scarcely perceptible slopes to the right and left.

All glades and swamps, along which the drainage runs, will of course require embankments with culverts or small bridges. There is a good encamping ground on the old site of Béra and a smaller one on the bank of the Tél Nadi, in a loop formed by the river, by the side of the track.

The mean reading of the aneroid battery at Béra is 28·15.

Height above mean sea level 1,967 feet. Fall from Raigarh 134 feet. Distance of Béra from Raipur 135 miles, 4 furlongs.

January 31st. Béra to Omorkót. Distance 7 miles, 4 furlongs. Thermometer 6 A.M., 48°; 11 A.M., 77°; 4 P.M., 81°. In the first furlong the Tél Nadi is crossed, 40 feet by 8 feet between the banks, which are subject to floods, for some distance, to a further depth of at least 3 feet. Then jungle and high grass; some rising ground; a drainage channel flowing to the left, about 4 feet by 2 feet. At the 5th furlong is the summit of the rising ground, about 12 feet above the starting point; then two small nullahs, 5 feet by 3 feet.

Stately primeval forest of grand old trees; dead trunks are lying about where they fell years ago, some quite decayed, apparently never touched by man. Ground slightly undulating. At 2 miles, 2 furlongs, a glade draining to the left. Embankment required, with a culvert, 6 feet by 3 feet.

3 miles, 1 furlong. Burja; two small villages containing together about 50 houses and 150 people. The large farm yards are fenced in with palisades as a protection. South of the village common jungle again: no longer the fine old forest.

At 3 miles, 5 furlongs, a large swamp, more than a square mile in area; partly bunded up and converted into a tank, with extensive fields under it belonging to Burja. The tank might be improved and irrigation extended. From this swamp flows a nullah called Bakuli. Then thin scrub jungle, on light sandy loam. At the 4th mile another swamp and a clearing in the jungle; then low scrub jungle again.

5 miles, 3 furlongs; a clearing and swamp; then light jungle with some fields; then a ploughed swamp. It is mostly good, rich soil between Béra and Omorkót, classed as No. 1 by the Revenue Surveyors.

7 miles, 3 furlongs. Bhaskel nullah. Steep banks; hard bed; no rock; 40 feet wide between the banks, which are 8 feet high and covered during great floods to a further depth of 3 feet, for some distance.

7 miles, 4 furlongs. Omorkót, a considerable village with a Police station, and the head-quarters of an Amin. Here I met Mr. Cormac who had marched from Raipur *viá* Dhamtari and Kankér. His own report on his reconnaissance accompanies these notes.

Mean reading of aneroid battery 28·12. Height above mean sea level 2,021 feet. Rise from Béra 54 feet.

Distance of Omorkót from Raipur *viá* Rajim and Háthgáon 143 miles;* *viá* Dhamtari and Kankér, 150 miles. Good camping ground in tope; good water from the Bhaskel nullah. Halted at Omorkót on the 1st February.

February 2nd. Omorkot to Bijepur.—Distance 12 miles, 4 furlongs. Thermometer 6 A.M., 52°; 11 A.M., 86°; 4 P.M., 79°. The track enters the jungle at once; there is some rock; the soil is light sandy loam. In the 2nd mile the village of *Dongrigura;* with a small irrigation channel called Júnapáni.

At the 3rd mile a swamp with some cultivation; rich, dark soil all around.

4 miles, 1 furlong, the village of Sána Borondi; then across a swamp, past a newly planted mango tope. Then a tank near the village of Bóro Borondi.

5 miles, 1 furlong. Bóro Borondi, with some vegetable gardens, and a wooden temple (*i. e.*, merely a rude framework) to the goddess Bhíma (Káli?)

There is also a sacred swing, with numerous sharp nails driven through the seat from below; on these nails good and holy persons are said to be able to sit without injury, and some do so at great festivals. But none of my people would try it.

6 miles, 3 furlongs, 124 yards. Ndgi river; steep banks and gravelly bed; no rock; 80 feet wide and 15 feet deep. This river should be bridged a mile to the east of the present track, to avoid crossing twice as the track does. Some laterite cropping out here.

7th mile, Dodra village. Fine tope and two tanks. Extensive rice fields. Numerous cattle. Then light jungle and clearings alternately.

9 miles, 4 furlongs, village of Tétargáon. Then a swamp. Further on, the ground is gently undulating.

10th mile. The village of Bokra to the right. Scrub jungle; another swamp. Then small sâl jungle.

11 miles, 6 furlongs. Chatagura village. Then some low swampy ground.

11 miles, 8 furlongs; cross the Chatringi river, 45 feet by 12 feet; in soft sandy soil. Then a swamp again.

12 miles, 4 furlongs. Bijepur, with a splendid old tope of different kinds of trees, but chiefly mango and fig. The village is very insignificant now, but Bijepur is said to have been once a great place and the residence of a Rajah.

Mean reading of aneroid battery 28·14. Height above mean sea level 1,955 feet.

Fall from Omorkót 66 feet.

Distance of Bijepur from Raipur 155 miles, 5 furlongs.

* NOTE.—By avoiding Noagarh and keeping along the Sondor river this distance is reduced to 137 miles.

February 3rd. Bijepur to Dabgaon—Distance 10 miles, 6 furlongs. Thermometer 6 A.M., 52°; 11 A.M., 75°; 4 P.M., 77°.—We enter sâl jungle; at 1 mile, 4 furlongs cross a swamp; then sâl jungle again, with occasional glades, each glade or swamp requiring an embankment and one or more culverts. The soil varies from dark, stiff clay to light, sandy loam; with red soil and gravel here and there.

In the 4th mile a large swamp, partly bunded up for cultivation.

4 miles, 2 furlongs; passed village of *Nakjor*.

At 5 miles, 2 furlongs; a swamp, with a drainage requiring a culvert 9 feet by 4 feet.—All small sâl jungle.

6 miles, 3 furlongs. Belari nullah, 35 feet by 15 feet. Steep soft banks; sandy bed; no rock.

7 miles, 4 furlongs. A swamp about 100 yards across. From here a path is cleared through the jungle 8 to 10 yards wide; the surface has been smoothed, and side drains cut. Fine sâl forest again. Then some undulating ground, where cuttings and embankments will be wanted; but nothing on a large scale. A nullah 9 feet by 3 feet.

8 miles, 7 furlongs, a swamp, with soft black mud. Then jungle again, soil, sandy loam.

9 miles, 4 furlongs, a deep swamp, where a considerable embankment and a bridge, 20 feet by 10 feet, will be wanted to let the drainage pass through.

10 miles, 6 furlongs. Dabgaon, with 30 houses and 100 inhabitants; a police station. Good encamping ground in a mango tope. Water fair.

Mean reading of aneroid battery 28·12.

Height above mean sea level 1,983 feet, rise from Bijepur 28 feet.

Distance of Dabgaon from Raipur, 166 miles, 3 furlongs.

February 4th. Dabgaon to Páparhandi.—Distance 11 miles. Thermometer 6 A.M., 51°; 11 A.M., 75°; 4 P.M., 77°.

3 furlongs, 106 yards. Ongi nullah, 60 feet by 14 feet, both banks subject to flooding; sandy sides and bed; no rock. A rude foot-bridge, well above high water, has been provided for this and some other large nullahs.—All jungle.

2nd mile. Village of Moideri, on somewhat irregular ground; large rice fields. Other crops: gram, ragi, mustard, castor, tobacco, and garden vegetables.

Then a *swamp* requiring an embankment with a culvert, 10 feet by 4 feet. Fine sâl forest again.

3rd mile, a drain, 5 feet by 3 feet required.

4th mile, some undulating ground.

5 miles, 2 furlongs. Barigura village. Then jungle again.

6 miles, 6 furlongs. Jelabahal village. Then a swamp.

7 miles, 1 furlong. Basni nullah, 90 feet wide and 12 feet deep; sandy bed; ill defined, soft banks; no rock.

A temporary foot-bridge is laid from bank to bank. In the 8th mile, a swamp; drain 10 feet by 5 feet required. Then some rising ground. All sâl jungle. Good medium soil, classed as No. 2 by the Revenue Surveyors.

10 miles, 6 furlongs. Turi nullah, 90 feet wide 12 feet deep. Sandy bed; low, soft banks, flooded; no rock. Then cross a swamp 400 yards wide.

11 miles. Páparhandi.—About 100 houses and 400 people. Fine tope for camping; good water from Túri nullah. Magnificent old banyan trees, with far-spreading branches supported by numerous root pillars. An *old fort* overgrown with jungle. A fine *temple* of Siva, built of stone resembling Chunár sandstone. A fair is held here weekly. There are some sugar-mills at work. The Sub-Magistrate of Nárangpur came here to meet the party.

Mean reading of aneroid battery 28·21.

Height above mean sea level 1,922 feet.

Fall from Dabgaon 61 feet.

Distance of Páparhandi from Raipur 177 miles, 3 furlongs.

February 5th. Paparhandi to Nárangpur. Distance 8 miles, 193 yards. Thermometer 6 A.M., 52°; 11 A.M., 72°; 4 P.M., 78°.—From Páparhandi I detached a small party this morning to go up the valley of the Indrábati, and then up the Golagad river to Maribata, to ascertain by the aneroid the height of the saddle between the sources of the Golagad and Ryagudda rivers; as this valley would seem to offer a favorable line for connecting Ryagudda with Páparhandi and for ascending the Jeypur plateau from the former place by an easy ghât.

The long-promised Revenue Subordinate, in the person of N. Páni Grâhi, Head Clerk Special Assistant Agent's Office, Kuraputi, joined the party here at last.

The track leads through fine tree jungle, and then crosses a swamp, where a masonry drain 10 feet by 5 feet is required. After that the ground rises slightly and the soil becomes red. 1 mile 4 furlongs, another swamp; drain 10 feet by 5 feet required. Another stretch of jungle on rising ground, and then a swamp again. Then a long gentle rise, and then descent to swamp.

2 miles, 6 furlongs, a long winding swamp cultivated. Scrub jungle all round.

3rd mile. Gantat River, 60 feet by 14 feet; soft bed and banks. In the 4th mile a swamp, with rising ground and jungle on both sides; a similar one in the 5th, and another in the 6th mile.

7th mile. Village of Májigura, with a good mango tope. Some laterite. From here a fine avenue, consisting of a treble row of mango trees, about fifty years old, leads to Nárangpur.

8 miles, 193 yards. Nárangpur, with a Sub-Magistrate's Court, a Mulki Post Office, and a Police Station; the Jeypur Rajah's Amín also lives here, who politely came out on an elephant some miles to meet me. Nárangpur contains some 650 houses, with from 3,000 to 4,000 inhabitants. It has four tanks and some fine topes. There are carpenters, blacksmiths, and weavers here. Tasser silk is made, also lacqueredware and glass bangles.

The mean aneroid reading is 28·24.

Height above mean sea level 1,918 feet.

Fall from Páparhandi 4 feet.

Distance of Nárangpur from Raipur *viâ* Rajim and Háthgáon 185 miles, 4 furlongs.

The Jeypur Rajah's Dewán at Nárangpur was very obliging, and afforded all necessary assistance to the party.

NÁRANGPUR,
10th February 1882.

K. F. NORDMANN,
Executive Engineer, on Special Duty.

NOTE.—The heights, which had been originally only approximately calculated, *i. e.*, without reference to the aneroid readings at the sea-coast, have now been corrected by means of the latter, and are correct.—K.F.N.

XV.

B.

Extract from Executive Engineer's Notes of Reconnaissance from Nárangpur to Kuraputi viâ Boriguma and the old Madeoputi Ghât, 38 miles. February 13th to 16th, 1882.

February 13th. Nárangpur to Porli.—Distance 8 miles, 5 furlongs. Thermometer 6 A.M., 61°; 11 A.M., 83°; 4 P.M. 85°.—After passing southwards through the town of Nárangpur, extensive rice-fields were crossed; then some jungle, consisting chiefly of mango trees; then another expanse of paddy flats.

Height of Nárangpur above M.S.L. 1,918 feet.

In the 1st mile is *Bagabukli*, a small village.

At 1 mile, 4 furlongs, *a nullah*, 25 feet by 8 feet, with muddy banks and bed. The prevailing soil is reddish loam, and there is some laterite showing above the surface. At 1 mile, 5 furlongs, the northern bank of the *Indrábati* is reached; the bank is soft and steep, the bed sandy. There was from 2 to 3 feet of water in the river, which has a lively current. The water to be crossed was 220 feet wide, while the river in flood is 465 feet wide and 24 feet deep in the deepest part; the highest floods, which overtop the banks, are said to add 4 feet more to that depth. A ferry is here, consisting of a platform resting on three canoes. Then follows some light jungle with patches of dry cultivation, Bengal-gram, dholl, tobacco, &c.; then more rice-fields. Soil sandy loam. A nullah, 10 feet by 6 feet; then paddy-fields. The soil on the higher ground is brown clay.

In the 3rd mile jungle again; the ground rises; prevailing soil laterite gravel.

At 3 miles, 5 furlongs, the summit of the rising ground is reached; after that there is a gentle slope down to a rice flat at the 4th mile. From here the ground continues level for some distance; another swamp is crossed at 4 miles, 6 furlongs; then comes a short rise; the jungle continues.

At 5 miles, 3 furlongs, we are again on a summit, about 60 feet above the last swamp. The jungle here consists of small scrub; soil red gravel. At the 6th mile a small water-course 7 feet by 3 feet, is crossed. Then a descent to a narrow swamp, and rising ground again on the other side; jungle continues.

At 6 miles, 6 furlongs, the track once more reaches a summit, this time on the shoulder of a small hill. The soil here is brown clay, the jungle light. Then begins a descent. Near the 8th mile the track crosses a paddy flat.

At 8 miles, 5 furlongs, the village of *Porli* is reached, containing about 30 houses and 120 people. Paddy and several kinds of gram, besides garden produce, are cultivated here. There is a good encamping site, well shaded, on the high ground north of the swamp adjoining the village; but the drinking water is of indifferent quality.

Mean reading of aneroid battery at Porli 28·18.

Height above M.S.L. 1,873 feet.

Fall from Nárangpur 45 feet.

Distance of Porli from Raipur 194 miles, 2 furlongs.

February 14th. Porli to Pupogáon. Distance 8 miles, 6 furlongs. Thermometer 6 A.M., 62°; 11 A.M., 84°; 4 P.M. 87°.—Marched over a cultivated swamp, through which a stream flows, 30 feet by 10 feet, with steep soft banks; then over rising ground, after which jungle and swamp occur alternately. The soil on the higher grounds is sandy loam; in the swamps stiff, dark clay.

In the 2nd mile some undulating ground; a long glade to the left, extending north and south, and indicating the direction of the future railway.

2 miles, 2 furlongs. *Village of Kondra,* with a fine mango tope and wet fields.

3 miles, 1 furlong. *Jilimili,* with a tope.

4th mile. *Boriguma,* with upwards of 100 houses; a travellers' bungalow built of mud walls, with a thatched roof. There is a *temple* with some old tanks about a mile west of Boriguma near Gondaguda. The temple is dedicated to Pátálésworo (Siva), and contains some very ancient carvings, amongst them a figure of Bhoirawan, the husband of Káli. It is said that a large town stood here in remote times.

4 miles, 6 furlongs. *Village of Dulaguda.*—Beyond, swamp and jungle. Soil heavy clay. Then a small ascent, followed by a fall of the ground, and a narrow swamp.

At 5 miles, 6 furlongs, the foot of another gentle ascent; then some undulating ground.

7 miles, 1 furlong; on the summit of the sloping ground, near *Satrela* village, a tope. Then down to a swamp, and up-rising ground again beyond. This is the general character of the country about here: low ridges with easy slopes clad with jungle and forest, alternating with swampy flats partly cultivated.

8 miles, 6 furlongs. *Pupogáon,* a middle-sized village. There is much quartz about here. Fine encamping ground on a high site west of the road, but the water obtained from the tanks is indifferent. Wells could easily be dug in the lower ground, where the water is not far below the surface.

Mean reading of aneroid battery 28·09.

Height above M.S.L. 1,981 feet.

Rise from Porli 108 feet.

Distance of Pupogáon from Raipur 203 miles.

February 15th. *Pupagáon to Ránigar.* Distance 7 miles. Thermometer 6 A.M., 65°; 11 A.M., 80°; 4 P.M., 86°.—The road leads through light jungle, over stiff brown clay; ground slightly rising.

At 1 mile, the summit of the ascent is reached, about 40 feet above the starting point. There are patches of dry cultivation, chiefly red and black gram, in the jungle. Then comes a downward slope, and at the foot of it a small swamp converted into fields. Thence rise again.

In the 2nd mile is the village of *Kumárput,* with some wet and dry fields, and many mhówa trees around. The kenda tree (Telegu, tumica) is found here, on the fruit of which mixed with honey and a kind of white clay the poorer Ooriya people live to a great extent in the hot weather when they have nothing else to eat.

Further on the village of *Kebbedy*; with gardens containing dholl, the castor plant cholum, tobacco, brinjals, plaintains, &c.

From here the road descends to the Telingiri river at 2 miles 6 furlongs. The water at present is from a foot to 18 inches in depth and 90 feet wide, but during floods it is 160 feet wide and 12 feet deep. The banks are of soft clay, alternately high and low; the bed is sandy, but firm.

Near this is Chept-amb, an old village-site, where a weekly fair is held, although there is no village now.

South of the river are rice-fields on high sloping ground, not irrigated except by the rain-fall direct. Mhówa trees abound in this part.

At 4 miles, 3 furlongs; *Bóriput,* with some date palms and fields of gram, dholl, ragi, paddy, wheat and flax.

Iron is made at Nawa Bóriput, not far from here; but no limestone has yet been found. Soil, dark brown clay. Hills on both sides of the road.

Traffic.—In two hours this morning I met upwards of a thousand pack bullocks, some carrying salt from Sálúr to Chattisgarh; others rice, wheat, and Bengal-gram from the latter to the former place; again, others going empty to Kotpad to buy rice there and sell it at Sálúr. One gang was returning empty *vid* Kankér to Raipur; they had been engaged in taking rice from Kotpad to Sálúr.

The ground now becomes irregular and in parts rocky; the road is cut out of the hill-side; and I saw coolies at road repairs, the first thing of the kind since leaving Raipur.

At 6 miles, 1 furlong, a nullah, 15 feet by 6 feet, is crossed, which flows into the Telingiri river. There is hilly jungle all around.

At 7 miles, *Ránigár,* a small village of five or six huts, on the high northern bank of the Telingiri river. Soil red clay.

Mean reading of aneroid battery 28·04.

Height above M.S.L. 2,017 feet.

Rise from Pupogáon 36 feet.

Distance of Ránigar from Raipur 210 miles.

From Pupogáon I despatched Mr. Cormac's party to Jeypur to examine the intervening country and the ghât leading from Jeypur to Kuraputi; his report accompanies these papers.

I marched to Ránigar and thence up the old *Mádeoputi Ghât,* which seems to offer fewer obstacles and easier gradients for a railway than other lines. But the railway should not follow the old ghât too closely, especially in its lower course; the line should rather be taken entirely along the adjoining valley of the *Kuradi nullah,* which offers the most gradual ascent of all available lines.

February 16th. *Ránigar viá Mádeoputi to Kuraputi.*—Distance 13 miles 4 furlongs. Thermometer 6 A.M., 63°; 11 A.M., 87°; 4 P.M., 80°.—The road crosses the Telingiri river again, which is here 150 feet wide and 12 feet deep in flood, with soft high banks and hard sandy bed. There is rock 200 yards higher up. The low water at present is only a foot in depth and 70 feet wide. The railway would not cross here, but keep on the right bank and go up to Palkam, cross the Telingiri above its junction with the Kuradi, and thence up the latter to Kendra, Giliput and Mádeoputi.

The old ghât is sometimes cut into the hill-side, sometimes it goes along a piece of flat ground on the high river bank; in other places straight up a steep incline. There is jungle the greater part of the way. A number of small hill streams cross the road.

At 1 mile from Ránigar the roads bifurcate, the new one on the right going to Kuraputi, the old track on the left to Mádeoputi. A good deal of traffic still passes by this ghât, although the greater part goes up the new road to Kuraputi.

Near the village of *Dakra* the track crosses the Telingiri river again. The ground is uneven, the hill-side stony; there is good jungle with fine sál and matti trees. In the first 2½ miles the ascent is 80 feet. The village of Músaput is passed, and then the Telingiri is crossed again at 2 miles 6 furlongs. The hill-sides are partly cultivated, chiefly with castor. The *banddna* tree grows here, with fine purple flowers. The wood, which is very tough, is used for ploughs, yokes, and buildings.

4 miles, 2 furlongs. *Village of Bandakatra.*—Ten houses, with gardens containing mango and jack trees, plantains, &c.; in the fields are gram, dry paddy, gingelly, tobacco, flax, and castor. The total ascent up to this is 130 feet, *i.e.*, at the rate of 30 feet per mile. After passing Bandakatra the track leaves the valley of the Telingiri and, leading up a steep ascent, crosses over into the Kuradi valley.

At 5 miles, 4 furlongs, the total ascent amounts to 270 feet, *i.e.*, at the rate of about 50 feet per mile from Ránigar.

5 miles, 7 furlongs. *Village of Panasput.*—The total ascent up to this is 330 feet.

At the 6th mile is a *tank* for drinking water, about 150 feet square. Soil red sandy loam, with gravel here and there.

At 6 miles, 6 furlongs, a mango grove.

7 miles, 4 furlongs. *Mádeoputi,* with 30 houses, tamarined and mango topes. The rise from Ránigar to this is 450 feet, or about 53 feet per mile. We are now on the upper plateau; there is no jungle, but much dry cultivation.

8 miles, 6 furlongs. *Muchra village,* near the Kuradi stream. A mango tope. Rise from Mádeoputi 20 feet.

9 miles, 7 furlongs. *Village of Mastiput* on the bank of the Kuradi, Rise from Muchara 40 feet. From here the railway should continue to follow up the course of the Kuradi nullah towards Dumriput. The railway station for Kuraputi should be near *Dengagura,* 2½ miles east by north of Kuraputi, which latter is nearly 500 feet above Dengagura.

The mean reading of the aneroid battery at Mastiput is 27·61.

Height above M.S.L. 2,350 feet.

Rise from Ránigar 503 feet, or 50 per mile.

Distance of Mastiput from Raipur 220 miles.

From Mastiput I went across country *vid* Chinder to Kuraputi, a distance of 3½ miles. Total distance of Kuraputi from Raipur 223½ miles.* Height above M.S.L. 2,900 feet. The aneroids in the battery being graduated only up to 27·50, do not show heights above 2,500 feet.

KURAPUTI,
18th February 1882.

K. F. NORDMANN,
Executive Engineer, on Special Duty.

The heights, which had been originally only approximately calculated, *i.e.*, without reference to the aneroid readings at the sea-coast, have now been corrected by means of the latter, and are correct.—K.F.N.

XVI.

C.

MR. CORMAC'S Diary of Reconnaissance from Raipur to Omarkot in Jeypur *viá* Dhamtari and Kankér, 16th to 31st January 1882. Distance 150½ miles.

Raipur, 16th January 1882.—Left camp at Raipur at 6 A.M., passing through the town along the main road, and emerged from it at a distance of *1 mile 180 yards* from camp.

At *1 mile, 5 furlongs, 166 yards* the Rajim road branches off to the east. Passed the rifle range of the Native Infantry Regiment stationed at Raipur and the village of Bhatagaon at *2 miles, 5 furlongs, 166 yards,* and crossed a stream (20 feet by 6 feet) with sandy bed and well-defined banks of clay; stream is bridged.

At *3 miles, 4 furlongs 130 yards,* passed the village of Boria Khoord; here there is a fine tank surrounded by two rows of large tamarind trees; cultivation now commences, there being a large area here under linseed and wheat.

* NOTE.—By avoiding Nosgarh and keeping along the Sondor river, the distance is reduced to 217½ miles.

At *5 miles, 3 furlongs, 200 yards,* crossed a stream (24 feet by 8 feet) with clayey bed and ill-defined banks; the country all along is fully cultivated; soil black clay, full of holes and fissures.

At *7 miles, 1 furlong*, crossed a stream (60 feet by 8 feet) with sandy bed and well-defined banks; up to this all streams are bridged.

At *8 miles, 5 furlongs, 96 yards,* passed the village of Amdul, the land near which is all under linseed cultivation.

At *10 miles, 2 furlongs, 200 yards,* there is a large well and a good camping ground, but no shade of any sort.

At *11 miles, 6 furlongs, 170 yards,* crossed an unbridged nullah (50 feet by 9 feet) with sandy bed and well-defined banks; reaching camp near the village of Kolur at a distance of *11 miles, 7 furlongs, 71 yards, from Raipur,* good drinking water procurable, but no good spot for camping.

Kolur, 17th January 1882. Distance from Raipur 11 miles, 7 furlongs.—Left Kolur at 6 A.M., passing through country fully cultivated, and crossed a stream (48 feet by 8 feet) at 1 mile, 1 furlong, 140 yards from camp. Passed the village of Khorpa at *1 mile 5 furlongs;* Bhutgaon at *2 miles, 3 furlongs, 200 yards;* Rakhi at *3 miles, 7 furlongs, 190 yards;* and Kuchna at *6 miles, 2 furlongs, 170 yards.* Country slightly undulating, and cultivated to the fullest extent; good topes near each village, and tanks in very good repair.

At *7 miles, 4 furlongs* crossed a stream with sandy bed and well-defined banks (89 feet by 14 feet), and passed the village of Kanamuka, reaching camp at Silturra at 9-30 A.M.; distance from Kolur *9 miles, 2 furlongs.* Camping ground not good; there are a few stunted acacia trees which give no shade; good water not procurable.

Silturra, 18th January 1882. Distance from Raipur 21 miles, 1 furlong.—Left Silturra at 6 A.M., passing through well-cultivated country.

At *1 mile, 3 furlongs,* passed the villages of Singdehi on the east and Supela on the west; country nearly flat, and studded with small acacia trees.

At *2 miles, 7 furlongs,* crossed a stream with sandy bed and well-defined banks (33 feet by 7 feet); some castor-oil tree cultivation on right bank.

At *4 miles,* passed the village of Bhukara, with about 300 huts; a school-house and police station here; laterite rock surface of about 2 acres; on leaving passed a string of 41 camels going to Dhamtari for lac. Passed the village of Kusmurra at *7 miles 4 furlongs, 110 yards,* and reached camp at Gujra at 9-40 A.M.; distance from Silturra *8 miles 4 furlongs, 156 yards.* Gujra is a small village of about 80 huts, and has four large tanks of water unfit, however, for drinking purposes; there is a small tope of recently planted mango trees; no good site for camping.

Gujra, 19th January 1882. Distance from Raipur 29 miles, 6 furlongs.—Left Gujra at 6 A.M, passing the village of Doma at a distance of 1 mile. Passed through country cultivated to the fullest possible extent, leaving the villages of Kurmatarave, Demar, Arjuni and Buthena, and reached the town of Dhamtari at a distance of *8 miles, 5 furlongs, 70 yards* from Gujra; camp on the opposite side of the town at *9 miles, 7 furlongs, 125 yards;* total distance from Raipur *39 miles, 4 furlongs, 138 yards.* Dhamtari is a large town with about 5,000 houses and a population of 14,000 or thereabouts. There is a school-house, hospital, police station-house, and Tahsildar's Cutcherry; there are several large tanks and splendid mango and tamarind topes which surround the town, and some garden cultivation. Labor is available here to a large extent; hire as follows: coolies one and-a-half annas each (men); smiths, carpenters, and bricklayers at from three to five annas per day; good clay is procurable for bricks as well as limestone. The chief produce of the country is rice; wheat, linseed, several descriptions of gram and ragi are also cultivated and exported in considerable quantities; lac also forms a large item in the export trade, as I met 16 carts laden with it leaving Dhamtari. Tobacco, chillies, pumkins, calabashes, brinjals and several other descriptions of vegetables are cultivated in gardens. The mango, custard-apple and bora fruit are procurable in the season; and plantains are to be had at all times, and are largely cultivated.

Dhamtari, 21st January 1882. Distance from Raipur 39 miles, 5 furlongs, 138 yards.—Left camp at Dhamtari at 6 A.M., through fine mango topes for half a mile; then through wet cultivation up to the village of Roodree, *2 miles, 115 yards* from Dhamtari. After passing this village entered jungle with patches of cultivation here and there; the track here runs along the left bank of the Mahánadi, past the villages of Murradeo (*3 miles, 5 furlongs, 70 yards*) and Gangrel (*5 miles, 4 furlongs, 120 yards*), crossing this river at *6 miles, 3 furlongs, 57 yards,* and reaching the village of Kokri at *7 miles, 2 furlongs,* from Dhamtari. Near this village there is a large quantity of stratified gneiss rock cropping out, suitable for building purposes. The track continues up the valley of the Mahánadi (on the right bank) up to *8 miles, 4 furlongs, 68 yards,* where it turns up the valley of the Dorki Naddi, which it crosses at *10 miles, 4 furlongs.* The valley is about 2 miles in width, with an almost level cross section; on each side there is a low ridge of hills thickly wooded with good trees, principally ippa and matti, and a few teak trees.

At *11 miles, 1 furlong, 55 yards,* passed the village of Lamkeni, round which there is a large area of cultivated land; soil sandy.

At *12 miles, 4 furlongs, 180 yards,* reached camp at Dargahan where there is a police station-house. There are several good camping grounds near the village, and good drinking water is procurable from a well; distance from Raipur *52 miles, 2 furlongs, 98 yards.*

Dargahan, 22nd January 1882. Distance from Raipur 52 miles, 2 furlongs, 98 yards.—Left camp at Daraghan through wet cultivation until reaching the village of Sunghola at *7 furlongs* distance. This village is situated on rocky ground, and has a good tank below it; there is some garden cultivation near the village, principally tobacco and castor-oil trees.

At *1 mile, 4 furlongs, 58 yards,* reached the village of Bhirawun, a small hamlet at the foot of some hills.

At *2 miles, 4 furlongs, 140 yards,* passed the village of Mogragahan, round which there is a large area of wet cultivation and numbers of ippa trees. There is some sugarcane cultivation in the valley of a small stream crossed at *3 miles, 3 furlongs, 100 yards,* and a sugarcane-mill at work; the ground is swampy at this place.

At *4 miles,* entered the Kankér State near the village of Alva, which is fenced all round as a protection against wild animals. There is a little cultivation near the village in low-lying ground.

At *6 miles, 3 furlongs, 80 yards,* entered light jungle, with plenty of good-sized ippa and matti trees; quartz and gneiss rock cropping up in all directions.

Reached the village of Charima on high ground at *7 miles, 5 furlongs, 80 yards,* after crossing two streams; there is a little cultivation near the village, which stands in the midst of jungle; kunkur limestone is found near the village.

Reached camp near the village of Polawai at *10 miles, 2 furlongs, 84 yards;* near the village is a large tank of fairly good water and a good camping ground; soil all along sandy red clay. Distance from Raipur *62 miles, 4 furlongs, 182 yards.*

Polawai, 23rd January 1882. Distance from Raipur 62 miles, 4 furlongs, 182 yards.—Left Camp at Polawai at 6-15 A.M. and passed through uncultivated country and some swampy land, reaching the village of Sawada at *7 furlongs and 186 yards.* There are numbers of young mango trees planted near the village, and there is about 1 square mile of wet cultivation.

At *1 mile, 4 furlongs, 70 yards,* crossed a stream (40 feet by 7 feet) with clayey bed and banks; there is wet cultivation from this up to the village of Kurna, which is a collection of miserable mud hovels. Distance from Polawai *2 miles, 150 yards.*

Reached the Mahánadi at *2 miles, 3 furlongs, 125 yards;* there is no rock visible in the sandy bed of the river; the banks are clay and well defined. From this the country is uncultivated; ippa trees very plentiful.

Crossed the Makree River at *7 miles, 60 yards* (150 feet by 12 feet); bed sandy, and well-defined, banks of clay; passed the village of Berawai at *7 miles, 2 furlongs, 190 yards,* where there is some little cultivation.

Reached the town of Kankér at *9 miles, 7 furlongs,* and crossed the Dúhd River at *10 miles 1 furlong;* bed sandy, and banks of clay, well defined (115 feet by 8 feet); passed the Rajah's house and a temple on the west, and encamped beyond the town. Distance from Polawai *10 miles, 7 furlongs.* Total distance from Raipur *73 miles, 4 furlongs.*

The Rajah's house and the temple, which stand at the foot of a rocky hill, are built with brick in chunam; kunkur limestone is found here, but little or no labor is to be had, there being only two bricklayers, two smiths, and one carpenter in the town.

The chief produce of the country is rice; ragi, green-gram, horse-gram, Bengal-gram, black-gram, and dholl are also cultivated, and a very poor kind of plantain, as well as the usual country vegetables.

Kankér 25th January 1882. Distance from Raipur 73 miles, 4 furlongs.—Left camp at Kankér at 6 A.M. through small jungle with thick undergrowth; this continued up to *2 miles, 7 furlongs,* where the Hutkul River was crossed (167 feet by 15 feet); sandy bed and well-defined banks of clay. Observed much kunkur limestone near the crossing; beyond the river the ground is somewhat broken, and further on slightly undulating.

At *3 miles, 6 furlongs,* crossed a smaller stream (40 feet by 9 feet) with sandy bed and well-defined banks of clay.

At *4 miles, 210 yards,* reached the village of Kongera, a small cluster of miserable huts and with about 6 acres of cultivated land near. There is a small area of garden cultivation consisting of tobacco and castor-oil trees.

Continued through dense jungle up to *5 miles, 6 furlongs,* where the Amordorgi river was crossed (40 feet × 10 feet); the banks of this stream above the crossing are well defined, the bed is sandy.

Traversed jungle till the village of Aravail was reached at *7 miles, 4 furlongs, 210 yards.* There is a large area of sugarcane, tobacco, and plantain cultivation in the gardens, as also castor-oil trees; the clearing near the village is extensive. No sál trees were met with up to this, but beyond, this was almost the only description seen.

At *8 miles, 2 furlongs, 174 yards,* crossed the Hatkul river again (117 feet × 14 feet); higher up the stream, the bed and banks are rocky and the cross section somewhat less. The bed is sandy at the crossing, and one bank rocky, the other clay.

Crossed a small stream (10 feet × 6 feet) with rocky bed, and reached camp in a small clearing in the forest at *9 miles, 4 furlongs, 135 yards.* There is an abundance of good timber here, chiefly sál. There is no good camping ground, but good water is obtainable from the Hatkul river, 1 furlong distant. Distance from Raipur *83 miles 147 yards.*

Camp in the forest near Salabat, 26th January 1882. Distance from Raipur 83 miles 147 yards.—Started from camp at 6 A.M. to the Hatkul river, distance *1 furlong, 100 yards*; passed up the valley in the bed of the stream, for *1 mile*, then up the right bank to Chiprail; *2 miles* from camp.

Aneroid reading 28·80.

Continued up the course of the stream, sometimes on the right bank and sometimes on the left, and latterly through dense bamboo jungle, through which the sun could only be seen at intervals, to *7 miles 2 furlongs*, at the junction of two large streams; passed some very large sized matti trees in the forest and also sál; from this place the guides desired to take me across to Chiklidi, but I decided to continue up the bed of the stream until I should reach the plateau, and proceeded accordingly. Up to this no obstacles were met with to hinder the construction of a first-class road or railway, the cross section of the ground being almost level. Here, however, some difficulties were encountered; the banks of the stream were precipitous; above, the hills came sloping down at an angle of 45°, and the jungle was impenetrable. I had therefore to move up the bed of the stream, frequently crawling over the rocks, which were as slippery as glass, on my hands and knees; the perambulator could not run over such rocks, and was therefore carried for about 2 miles, which occupied two hours to get over. There is much quartz rock in the bed of the river, of a pink color, and gneiss of various colours, black or nearly so, slate colored, and reddish; this last being studded with crude garnets.

Aneroid reading 28·67.

At *9 miles* (about) the junction of the small stream from Siduwan was reached, and a small path found, along which the perambulator was again started; and leaving the river bed, passed through sál jungle for *2 miles, 2 furlongs, 110 yards*, when Siduwan was reached. This is a fairly large village, surrounded by a substantial fence of strong stakes, about 6 feet in height; there is a large clearing, and extensive wet cultivation near the village; the camping ground is not good, there being no shade; and good water is not procurable.

Aneroid reading 28·40.

Aneroid reading 28·14.

Total distance from Raipur *94 miles, 3 furlongs, (about)*.

Siduwan, 27th January 1882. Distance from Raipur 94 miles, 3 furlongs (about).—Left camp at 6 A.M. through dense sál jungle, with few trees of any size; thick undergrowth of date shrubs about three feet high.

At *2 miles, 4 furlongs, 82 yards*, crossed a stream (80 feet × 7 feet) with well-defined banks of clay and sandy bed, and reached the village of Korgaon at *2 miles, 7 furlongs, 104 yards*. There is a tolerably large clearing round the village; a small area of wet and some garden cultivation; soil sandy brown clay.

At *5 miles, 130 yards*, reached the village of Kalgoan through sál jungle. There are large boulders of gneiss near the village; continued through sál jungle to the village of Kajrau, where there is a large area of wet and garden cultivation: tobacco, plantains and some country vegetables.

Crossed the Baordhig river at *10 miles, 210 yards*; bed sandy, banks clay, and well-defined.

Crossed another stream at *10 miles, 5 furlongs, 90 yards*, and reached the village of Liagaon at *11 miles, 3 furlongs*. This is the largest village passed since entering the Bustar State. There are a number of carts lying about the village. The area under wet cultivation is large, and there are several small gardens.

Crossed a large stream at *12 miles, 5 furlongs* (82 feet × 18 feet) with sandy bed and well-defined banks of clay, and reached camp at Banskot, after crossing a swamp near the village, at 11-30 A.M.; distance *14 miles, 3 furlongs*.

Banskot is a small village in a clearing in the jungle, and has but a small area of wet cultivation in the swamp close by.

Banskot, 28th January 1882. Distance from Raipur 108 miles, 6 furlongs.—Left camp at Banksot at 6 A.M., passing through sál jungle with small date shrub undergrowth.

Crossed swampy ground under paddy cultivation and entered the village of Dodra at *2 miles, 4 furlongs, 136 yards*; a small village in a small clearing in the jungle.

At *4 miles, 2 furlongs, 110 yards*, reached the village of Simora, a small village in a clearing in the jungle with some wet cultivation near.

Crossed a stream (22 feet × 12 feet) with well-defined banks of clay and sandy bed, and passed through the village of Tumda, the largest village passed this day. There is an extensive area of wet cultivation; and sugarcane, castor-oil trees, and plantains in gardens; two iron smelting furnaces at work in the village. Passed the small village of Kudi at *7 miles, 1 furlong* n a small clearing in the jungle; and passing through some jungle entered a fine sál forest at *9 miles, 2 furlongs*; this continued for about one mile; numbers of trees measuring 14 feet in girth, 4 feet above the ground. Reached camp at Paorbel, a small village in a clearing in the ungle; camping ground not good, and good water not procurable; distance 11 miles 160 yards.

Paorbel, 29th January 1882. Distance from Raipur 119 miles, 6 furlongs, 207 yards.—Left Paorbel at 6 A.M. through dense sál jungle with but few trees of any size.

At *1 mile, 1 furlong, 180 yards*, passed through a small village, also called Paorbel, where there is a splendid camping ground, fine mango and fig trees, giving grateful shade. There is some garden cultivation, plantains, castor-oil trees, and cholum near the village.

Again entered sál jungle and crossed a stream (20 feet by 7 feet) with sandy bed and clay banks at *2 miles*, continued through sál jungle up to the village of Odepur at *3 miles 6 furlongs, 200 yards*; some garden cultivation, consisting of tobacco, plaintains, castor-oil trees, and cholum; some wet cultivation in low swampy land near the village.

After crossing this swamp, again passed through sál jungle to the village of Mohundi at *6 miles*; another small village of the same name lies 2 furlongs further on; a stream with rocky bed and well-defined banks of clay flowing between the two. In the latter village there is an iron-smelting furnace at work, and near each there is some wet cultivation; tobacco, cholum, castor-oil trees, and plantains are largely cultivated in gardens. Passed through sál jungle until reaching camp at Gurjinga at *9 miles, 6 furlongs, 180 yards* from Paorbel. This is a small village in a clearing in the jungle surrounded by a fence of stakes; part of the enclosure is under tobacco, cholum, plantains, and castor-oil tree cultivation; camping ground not good, and water abominable.

Gurjinga, 30th January 1882. Distance from Raipur 129 miles, 5 furlongs, 167 yards.—Left camp at 6 A.M. through sál jungle, passing through a belt of good forest. Many trees (sál) measuring 11 feet in girth, 4 feet above the ground; soil sandy red clay.

At *1 mile, 5 furlongs, 100 yards*, crossed a stream (18 feet by 8 feet) with sandy bed and well-defined banks of clay; and a second stream at *2 miles, 2 furlongs*, with rocky (gneiss) bed and banks at the crossing, and for some distance up stream (58 feet by 9 feet).

At *3 miles 2 furlongs* crossed a third stream (40 feet by 8 feet), and at *4 miles, 2 furlongs, 160 yards*, a fourth stream (20 feet by 8 feet), both streams having rocky beds and banks. Reached the village of Kurulubahal at *5 miles, 4 furlongs*; here there is an excellent camping ground, a large clearing and good shade from mango and fig trees. There are also some fine ippa trees here, and good water is procurable; an extensive area is under wet cultivation just outside the village; some garden cultivation also; soil quartz gravel.

At *6 miles, 6 furlongs, 145 yards*, passed the small village of Serapur in a small clearing in the jungle. Proceeded through alternate belts of sál jungle, and abandoned clearings covered with grass 5 and 6 feet high, to the village of Bakuda; distance *11 miles, 6 furlongs, 200 yards*. Camping ground not good; no shade; good water is procurable.

Bakuda, 31st January 1882. Distance from Raipur 141 miles, 4 furlongs, 147 yards.—Left camp at Bakuda at 6 A.M. through sál jungle. Crossed the Dumabal river at 5 *furlongs, 100 yards* (90 feet by 12 feet), with sandy bed and well-defined banks of clay; after passing through a belt of sál forest, crossed the Patibal river at *2 miles, 1 furlong* (18 feet by 10 feet); the bed and banks of the river are rocky. After passing a very large area, recently under wet cultivation, entered the village of Bámini at *3 miles, 6 furlongs, 110 yards*; here there is an excellent camping ground in a fine large mango tope, and good shade. There are several good gardens with caster-oil trees, plantains, and tobacco cultivation.

At *4 miles, 7 furlongs*, crossed a stream (18 feet by 9 feet) with sandy bed and well-defined banks of clay; there is much rock above the crossing.

At *5 miles*, reached the village of Barhona, a small village in a clearing, castor-oil and plantain trees in gardens, and fine mango and tamarind trees outside the village.

Crossed a stream at *5 miles, 7 furlongs* (18 feet by 12 feet) with sandy bed and clay banks, and reached the village of Birondi at *6 miles, 2 furlongs, 130 yards*; here there are gardens with sugarcane, plantains, castor-oil trees and tobacco, and a large area of wet cultivation. There are some fine mango and tamarind trees south of the village, and good water is procurable from the stream.

At *7 miles, 4 furlongs, 100 yards*, passed the village of Kochtiamo, where there is a tank and an irrigation channel about a quarter of a mile long; the village is small, but there is a large area under wet cultivation.

At *8 miles, 7 furlongs*, reached camp at Omorkót, a large village with a large area of wet and dry cultivation; tobacco, castor-oil trees, and plantains in gardens, and several descriptions of country vegetables. There is a police station-house here and a force of 18 Police Constables and 1 Head Constable. The camping ground is in a fine tope, where there is good shade; good water is procurable from the river at hand.

Total distance from Raipur *150 miles, 3 furlongs, 202 yards.*

OMORKOT,
1st February 1882.

J. CORMAC,
Sub-Engineer.

XVII.

D.

MR. CORMAC's Diary of Reconnoissance from Pupogaon *viá* Jeypur to Kúraputi, 15th and 16th February 1882. Distance 24 miles.

15th February 1882. Pupogaon, 1,981 feet above M.S.L.—left camp at 6 A.M. over waste land, passing the village of Pupogaon at *3 furlongs, 160 yards*, where there is a tank of good drinking water and a large number of fine mango and tamarind trees giving good shade. After leaving the village, passed through a considerable area of swampy paddy-fields, and crossed a stream (30 feet by 8 feet) with muddy bed and clay banks which are not well defined.

At *1 mile, 6 furlongs, 184 yards*, passed the village of Dangragaon, a small cluster of wretched huts with a small area of paddy-fields.

At *3 miles, 1 furlong*, passed the village of Dondasanogoda on the left; on right sál jungle with jack and ippa trees; soil sandy; a large area of rice-fields just beyond the village.

At *4 miles, 2 furlongs, 200 yards,* crossed a stream (40 feet by 11 feet) with well-defined banks and muddy bed, and then through paddy-fields to the village of Randapali, which was passed at *4 miles, 7 furlongs, 94 yards.* There are only 10 houses in the village, which has a tank of good drinking water and several fine topes of mango and tamarind trees.

At *6 miles, 2 furlongs,* crossed the Potra stream (120 feet by 14 feet) with well-defined clay banks and sandy bed; a fine tope of mango trees on the left bank; on each side of the stream there is a wide area of rice-fields.

At *7 miles,* reached the village of Umerigaon with 60 houses and several fine mango topes; a blacksmith was at work in a small shed making knives. At this village I was met by the Dewan of the Maharajah of Jeypur. Here I joined the road from Boriguma to Jeypur. Crossed a stream in swampy ground (18 feet by 8 feet) and, passing over rising ground uncultivated, crossed a second stream (12 feet by 8 feet); small scrub jungle to the right and paddy-fields to left. In the swampy places the road is in embankment about 2 feet high; the streams are not bridged. Crossed high ground, along the road, and then turned eastward along a roughly-made narrow road, crossing several small streams leading into a large tank covering an area of upwards of half a square mile; tank on the right, and a halting bungalow on the left; then through a fine mango tope, and past a second large tank, to the camping ground in a mango tope, outside the town of Jeypur. Distance traversed *10 miles, 4 furlongs.* There is a good bungalow here for travellers, and good drinking water; there are large topes of fine mango trees covering a very large area and giving good shade, which make excellent camping grounds. There are about 2,500 houses in the town and 8,000 inhabitants; about 20 houses are tiled and one terraced, the remainder being thatched.

The Maharajah of Jeypur resides in the town; a palace of brick and stone is now being constructed in the enclosure, which contains a number of small dirty buildings, and the Maharajah's present residence and offices. There are a Sub-Magistrate, an Inspector of Police, and 15 Constables in the town; there is an Elementary School maintained by the Maharajah.

The produce of the taluk consists of rice (sold at 30 seers per rupee in Jeypur), ragi, green-gram, dholl, Bengal-gram, wheat (in the Kotpad Taluk), and linseed. Sâl, jack, ippa, tamarind, matti and mango trees (especially the latter) are abundant. There are some silk-weavers in the town, who procure the cocoons of the tasser-worm from Kotpad. About 30 goldsmiths, 30 carpenters, and ten smiths reside in the town; but no bricklayers, these being brought up from Sálúr when required; stone-cutters are obtained from the Ganjam district. Kunkur limestone is obtained from Jaganathapuram, a village about 3 miles distant from Jeypur. The town lies in a hollow, near the foot of the hills; the site does not seem a healthy one. The unhealthy season is in July and August, after the commencement of the rains.

The adjacent hills are gneiss; laterite is also found in abundance.

16th February 1882. Jeypur, 1,955 feet above M.S.L.—Left camp at 6 A.M. through mango topes, and joined the road from Jeypur to Kúraputi at *5 furlongs.* Travelled along the road from this place, with small scrub jungle on both sides (ground side-lying and rocky), crossing some small streams, to *2 miles,* when a large stream (63 feet by 14 feet) with rocky bed and well-defined banks was crossed. This spot is only 24 feet higher than the starting point of this day's march, and up to *2 miles, 4 furlongs, 70 yards,* the rise is inconsiderable; from here, however, to *3 miles, 2 furlongs, 160 yards,* there is a rise of 348 feet, the gradient being 1 in 12; in the next half mile there is a descent of 84 feet; then a continuous rise to *5 miles, 1 furlong* of 622 feet, the gradient being 1 in 11⅓; a fall of 84 feet follows in the next half mile, and then an ascent by a gradient of 1 in 40 to *6 miles, 3 furlongs, 160 yards.*

The village of Bogepodor, which was passed here, lies some distance away to the right. Crossed undulating and hilly country, with some good timber trees about, and a small area of sâl jungle about a mile distant. The country is cleared of jungle up to the village of Damiguda at *11 miles, 2 furlongs, 110 yards;* this is a small village of about 20 houses, with a small area of cultivated land near; a stream lies between the village and the road.

At *12 miles,* reached the saddle overlooking Kúraputi (height 2,999 feet) and descended to the town of Kúraputi at a gradient of 1 in 12; passing through the station along the road, reached camp near the quarters of the Special Assistant Agent at *13 miles, 3 furlongs.*

KURAPUTI,
19th February 1882.

J. CORMAC,
Sub-Engineer.

XVIII.

E.

No. I-O, dated Omorkót, the 1st February 1882.

From—Sub-Conductor J. CORMAC, Sub-Engineer,

To—K. F. NORDMANN, Esq., Executive Engineer, on Special Duty.

I BEG to inform you that, in obedience to your orders, I left Raipur on the 16th ultimo for Omorkót *viâ* Dhamtari and Kankér.

2. The road from Raipur to Dhamtari is gravelled for about half a mile outside Raipur, after which there is simply a cart-track, without any surface covering; it has been so worm by traffic that in some places the level is lower than that of the adjacent fields; avenue trees have been planted all along, but are not now in a very healthy condition; margosa trees, which give little or no shade, compose the avenue for quite 15 miles.

3. The line is bridged for the first 10 miles, and for this distance the soil is generally sandy; beyond it is black cotton soil, full of holes and fissures; and during the rains the road will be almost, if not quite, impracticable for carts.

4. No large streams are crossed between Raipur and Dhamtari, and the country is almost level; it is dotted over at present with large stacks of rice straw, which testify to the abundance of the crop recently cut.

5. The grains chiefly cultivated are rice, wheat, linseed, Bengal-gram, green-gram, and ragi; rice is now being sold at Dhamtari at 55 seers and wheat at 40 seers per rupee.

6. The chief exports are rice, wheat, linseed and lac. I met 16 carts leaving Dhamtari laden with the latter, and passed 40 camels going there for loads of the same; this lac is the product of an insect, the *Coccus ficus,* which deposits its eggs upon certain trees, and covers them with a reddish resinous substance which is lac, and intended as a protection to the eggs.

7. Some native cotton cloths are manufactured at Dhamtari and tasser-silk cloths at a village 20 miles distant; the tasser silk-worm being found in all the sâl jungles in this part, feeding upon the leaves of the sâl and the matti.

8. There is no systematic irrigation, the crops being dependent on the seasonable fall of rain; there are numerous tanks kept in admirable repair by the ryots at their own expense; these are, however, generally used for drinking purposes, and are not situated so as to be of much use for irrigation.

9. The soil is very fertile, and the country passed through is cultivated to the fullest possible extent; there are but few small patches of uncultivated land to be seen.

10. There are good topes of fine mango trees near the villages, but no other timber was seen except a few unhealthy-looking acacias, dotted over the country near Dhamtari; firewood is scarce and dear.

11. Dhamtari was reached on the 19th ultimo. The town has a population of about 14,000 inhabitants and about 5,000 houses, chiefly mud huts; there is a tahsildar's cutcherry, post office, police station-house, and hospital in the town, which is surrounded with magnificent topes of mango and tamarind trees; there are several fine tanks near the town.

12. Limestone is procurable near Dhamtari, and a fair supply of labor; cooly-hire being one and-a-half annas per day per men; and for such bricklayers, carpenters and smiths as are to be had there, from three to five annas per day.

13. Leaving Dhamtari on the 21st ultimo I crossed the Mahánadi river twice and the Makri and Duhd rivers, reaching Kankér on the 23rd; the latter river divides the town of Kankér into two portions.

14. There is a good and easy cart track all the way from Dhamtari to Kankér; and as the soil is more sandy, the line will not be so difficult in the wet weather as between Dhamtari and Raipur.

15. The country between Dhamtari and Kankér is jungly, only one-third (or thereabouts) of the whole area being under cultivation; so, as far as I could learn, the Kankér State produces little more than is required for consumption within its own limits, and the exports are inconsiderable.

16. The grains chiefly cultivated are rice, wheat, green-gram, Bengal-gram, horse-gram, and ragi.

17. Mango and ippa (mhowa) trees abound; the spirit distilled from the flowers of the latter tree is sold in the villages at one anna per quart; a few teak trees were also met with, but none of any size.

18. The hills, which run almost parallel with the track for about 14 miles from Dhamtari, are well wooded, chiefly with ippa, matti, and bora trees; a deal of care is given to the planting of mango trees, several topes of young trees having been passed on the way.

19. The villages in the Kankér State are small, and, generally speaking, composed of miserable mud hovels; the town of Kankér is a little better in this way, the huts being somewhat larger, and possessing a temple and house belonging to the Rajah, built of brick in chunam; the villages are all fenced in as a protection against wild animals.

20. The camp at Dargáhan was twice alarmed in the night by a cheetah, and the foot-prints of one of these animals and of a tiger were observed for a distance of 2 miles along the track traversed; wild buffaloes are said to be numerous here, though none were seen by me.

21. The country near Kankér is hilly, chiefly rocky hills of gneiss with low jungle. Kunkur limestone is found at several places, and was seen near Charima and Kankér. There are two bricklayers, two smiths, and one carpenter in the latter town, their hire being two and-a-half annas per day; cooly-hire one anna per day.

22. I left Kankér on the 25th and passed up the valley of the Hatkul river through dense jungle, with fine matti trees here and there, and thick undergrowth, meeting with sâl trees on entering the Buster State.

23. I camped the same night in the jungle; and having sent on my baggage the next day *viâ* the Tél Ghât to Siduwan on the plateau, I started up the valley of the Hatkul river, passing Chiprail, making my way, where the jungle on the banks was impenetrable, in the bed of the stream; there was no path, but the perambulator was run for 7 miles (5 beyond Chiprail) and the barometer showed a rise in this distance of only 130 feet.

24. From this point the perambulator could not travel, and had to be carried; the banks were covered with dense undergrowth, quite impenetrable, and were in some places precipitous;

so that I had to make my way up the bed of the stream, climbing at times, on my hands and knees, the rocks being as slippery as ice in several places; about 2 miles were covered in this manner, the aneroid showing a rise in that distance of 270 feet; a path was then found, and the perambulator started along it, measuring 2½ miles to camp with an ascent of 260 feet; this was the highest point reached, and the approximate height above mean sea level was 2,050 feet.

25. From Siduwan the country commenced to fall, and continued to do so until Omorkót was reached.

26. The villages passed are composed, generally speaking, of a few miserable huts, built near water-courses, and fenced round with stout stakes placed closely together, about 6 feet high, inside which is some garden cultivation: tobacco, castor-oil trees, plantains, and the usual native vegetables. The villages are usually about 3 miles apart, with alternate belts of sâl forest and abandoned clearings intervening.

27. The area cultivated is certainly not more than one-twentieth of the whole, so that there is ample room for a large number of immigrants; this remark applies to the whole country from Kankér to Omorkót.

28. Good camping grounds were observed at Paorbel, Kurulubahal, Bamini, and Omorkót; near the other villages passed all trees have been cleared, and there is no shade. The water-supply on the plateau is not good; and as there are no means of storage, there must be a scarcity in the dry season.

29. Several belts of fine sâl forest were passed through; some trees measuring 11 feet in girth, 4 feet above the ground.

30. The soil in the hollows and swampy places is black clay, and in the portions at a higher level sandy reddish clay.

31. The country is sparsely populated, and all labor will have to be imported; the clay found everywhere is suitable for bricks; and stratified gneiss, suitable for building purposes, is found in several places; kunkur limestone is found here and there, and will, I believe, be found all over the plateau if searched for; there is an abundance of good sâl wood in Bustar and Jeypur.

XIX.

F.

Reports by Colonel A. FRANCIS, late Executive Engineer, Raipur Division.

Report on the Road from Raipur to Dhamtari.

THE total length of this road from the cantonment boundary is 38 miles.

Soil.—Of these only 8 are moorum, sandy loam or laterite; the remaining 30 are black cotton, very deep; and at least 10 miles of these 30 are under water from 6 to 16 inches deep for from four to five months during the rains, owing to the road being on the same level or a little lower than the rice fields which are on both sides.

Masonry Works.—The first six miles and a quarter are bridged with seven drains and bridges; the waterway of five of these is too little, and the approaches have been breached.

These breaches have been now sloped down to allow high floods to pass over. It would be an improvement to rivet both sides of these slopes with a masonry wall, as then a foot of good broken stone could be rammed between them, and a causeway would be formed that would remain hard even after rain.

Nullahs and Rivers.—Between the last bridge built and the village of Bhukara, a distance of 18 miles, there are ten nullahs, all of good size, from 15 to 60 feet broad, and which have all soft and swampy bottoms, and offer considerable obstruction to traffic up to the end of January, and even when the bottoms become dry and hard, yet from the very steep slopes leading to them they detain heavily laden carts for hours.

Improvements required.—These nullahs should have causeways; and instead of the raised causeways, such as have been built on the Belaspur and Sumbulpoor road, it would be both better and cheaper to build walls, level with the bed of the stream and running up the approaches as far as high-water mark, on the up and down stream sides, and then fill in between them a foot of hard road metal well consolidated.

There is but little scour, and it would stand well; the raised causeways become very slippery and covered with green moss.

From Bukara to Dhamtari there is only one causeway required, but that one, though not large, will have to be carefully constructed, as it is in one of the submerged lengths; and in the rains the first intimation a traveller has that there is a nullah is finding the water above his saddle flaps. A raised causeway with hand rails above high water level, and with openings for the bottom water to pass through, would probably be the best for this. All the approaches to these nullahs require being brought to a proper slope, which could easily be done.

The map shows that the Karun river runs with the road on the west side at a distance varying from 1 to 3 miles; the road runs north and south nearly, and the drainage is from east to west.

The country is very flat, and the road running across the drainage has suffered very much from the scouring of its side ditches; in some places they are 8 feet deep.

These side ditches have been dug between the road and avenue, and should be filled and dug outside the avenue, or, better still, omitted altogether, as, owing to the light nature of the soil, the smallest stream of water cuts deeply in a few hours until the harder subsoil is reached.

To convert the present road into a bridged road for all weathers would be very expensive, as on an average the whole 30 miles of black soil would have to be embanked about 3 feet to lift it 1 foot above high-water mark.

Eleven streams would have to be bridged, all of which, owing the proximity of the Karun river, rise and overflow their banks when that river is in flood; besides these eleven bridges numerous small 3-feet drains would be required.

The present state of the road shows how dangerous it is to carry the water from one nullah to another along the sides of the road.

Report on the Road from Dhamtari towards Raigarh as far as the Boundary of the Central Provinces.

First Stage, from Dhamtari, to Kukrel, Distance 8½ Miles.

STARTING from the new Tasilee, the main street of Dhamtari is broad for a short distance; it then contracts into a narrrow lane, the houses having encroached on it, until there is only about 9 feet left; and this in the rains is knee-deep in water. After getting clear of the town there is a mere track to the Achota Ghât; across the Mahánadi river the road requires marking out.

The soil is very sandy and heavy, but there is moorum in the vicinity, and a good road could be made at a small expense. The road could also be made good up to the Tasilee with very little damage to the houses, as by a little care in lining, it would be chiefly compound walls and outhouses that would be taken down.

The distance from the town to the river is 2½ miles. The banks of the river require but little sloping; the north bank especially is easy; the south requires a little done to make an easy slope. A memorandum of probable expense will be given at the end, as more easily noted than is scattered through the report.

After crossing the river the cart track is well defined; the soil is sandy for the first half mile; jungle open. The soil then changes to good moorum up to the village of Bhoina, which is 4⅜ miles from Dhamtari, where the soil becomes a sandy loam, varying from hard to very sandy, and continues with little change to Kukrel.

The two nullahs on the road are easy, with hard bottoms, with stone at hand for causeways, if considered necessary; but unless the traffic increases very considerably, the causeways will not be required.

Water is procured from a nullah which, though indifferent in quality, is sufficient now; later there must be some scarcity.

The Malguzars of this place are Baboojee Huddut and Jinyars; they appear well-to-do, and informed me they held other 34 villages; they have an elephant and good ponies, but professed entire ignorance as to the road beyond their own village.

From Kukrel to the village of Bunbugowd, about 1½ miles, the track is good and easy; and water is here also procured from the nullah below the village. After passing this the line of road as marked on the map, Sheet No. 1 of the Ganjam and Orissa Topographical Survey, runs over rocks and stones; to avoid this the cart track turns to the village of Komda. A glance at the map will show that the line runs along a watershed; and up to the borders of Bustar near Burgudee the tracks are well chosen in this respect, avoiding nullahs and cross drainage; and the points passing from one watershed to another are wonderfully well chosen.

Second Stage, from Kukrel to Dokal, Distance 10½ Miles.

The whole length by the old track is 8 miles to Dokal from Kukrel, but the cart track is a mile and-a-half longer; still it is to be preferred for a fair weather road.

The jungle is of the same description as to Kukrel: tall trees without much girth, only fit for poles, with no underwood. The grass has mostly been burnt. The headman of Dokal is Mithoo Naik, who gave a good deal of information willingly. He is a very intelligent old Brinjarri; he has dug a tank and built a temple, and possesses about 100 head of cattle.

Third Stage, from Dokal to Gatasili, Distance 10 Miles.

From Dokal there are three tracks, but only No. 1 is good for carts; the second is at present impassable except for foot-passengers and pack animals; the third, an empty or lightly laden cart can pass with difficulty. No. 1 goes by Parwari, Donora, Palgaon, and on to Gatasili, a very roundabout track, but easy; the extra length is 3 miles.

The second is that shown in sheets Nos. 1 and 3 of the Ganjam and Orissa Topographical Survey, and the only difficulty is at the crossing of the Silari river. Should this line be taken—and it is the best of the three—a proper crossing must be traced, which is not difficult.

The present crossing is taken straight down the face of the hill on to a low spur, and then, turning on the spur, nearly straight to the river; this point on the spur should be retained, and the slope worked from it upward along the side of the hill where any desired gradient can be worked out; and downwards, first keeping a little way along the side of the hill, till sufficiently low, and then bending round by the left to the river. A trial trace should be first

made, 3 feet wide; there will not be much blasting; most of the rock is detached boulders. For approximate expenditure, see memorandum at the end.

The third line leaves Parwari on the left and runs by Attakolee to Gatasili. The crossing of the river is easier than in No. 2, but the nullahs that have to be crossed are a little larger, and it approaches Gatasili from the wrong side of the tank through swampy ground; and notwithstanding easier crossing and less clearing of jungle required, will not be so satisfactory in the end. The track is here, as elsewhere, generally about 8 feet broad; in places it is much more, even 30 feet, and looks like a road; but this is only for very short distances. Up to Dokal the road may compare favorably with the road from Busna to Buruankera on the Sumbulpoor road; and after this crossing is made and jungle cleared, &c., the road on to Gatasili will be equally good. There are in this stage six nullahs to cross, besides several smaller drainage channels; but all have hard bottoms, and can have easy slopes to their banks.

The ground near Parwari looks as if it would be very swampy in the rains and up to November.

Fourth Stage, from Gatasili to Burgudee in Bustar Territory, Distance 9¾ Miles.

From Gatasili to Burgudee the road is everywhere passable; where there is jungle the trees are thicker together, but still there is very little valuable timber, and open spaces are more frequent than in the second and third stages. There are four nullahs in this stage; the one nearest Burgudee will be the longest, and it is the only one that has a bad bottom.

The detour taken by the road here is necessary, for on examination of the ground to the right, with a view to cutting off this bend, it proved to be very swampy, and a long and heavy embankment would be necessary; besides the nullahs here would have to be bridged, as it is very muddy and holds water to the end of the hot weather. The road crosses the boundary of Bustar near the 9th mile from Gatasili, and the town of Burgudee belongs to Bustar.

The Sihoa road turns just before reaching Burgudee, from which Sihoa is about 4 miles. Several of the villages marked on the map have been deserted. Gatigaon remains; Kongera and Paklupara have disappeared; but a village in these parts means a few huts made of sticks without mud walls, and very imperfectly thatched.

Burgudee is the best-to-do village on the line; gram and other supplies are procurable. There was a difficulty about guides here, and a peon had to be sent down to Belargaon to bring up a guide, the headman of Burgudee steadily refusing to give any guide. When guides had been procured from Belargaon, he then gave one who knew the country well, though for four hours he had declared not a man in the village knew the road to Borai.

Fifth Stage, from Burgudee to Borai, Distance 19½ Miles. From Borai to the Boundary, Distance 3 Miles. Total Distance from Dhamtari to Boundary 61 Miles.

From Burgudee hills are visible on both sides, and also in front; the road here is very undefined; apparently it is cultivated in the rains, and the traffic picks out a path in the dry weather. Up to this point there passed on an average 12 carts and 30 foot-passengers a day and 60 head of pack cattle every other day.

From this point carts cease; only ten pack cattle pass in three days and about 15 foot passengers. At Keontipara, ¾ of a mile from Burgudee, the Mahánadi is crossed; this is also the boundary of Bustar. From this the line is in Kalsa; the road runs by Bamka to Belargaon; this latter is a very straggling village. Three nullahs are passed, and the ground will be swampy until late in November. After the road is fairly opened, an embankment will be needed here and causeways; but the whole of this 3 miles require lining out; probably a better crossing could be found for these nullahs.

The country changes from Belargaon; the hills draw close to the road; the jungle is thicker and the trees are of better size. The track continues fair after passing Belargaon; but 7½ miles from Burgudee the road runs round a very steep hill, marked A on the trace; this is rocky, with a nullah on the right, and will have to be worked out. The whole road from Burgudee should be relined and straightened, the jungle cleared, and nullahs sloped; the general direction cannot be altered on account of the ground.

The road from this point is only a foot-path, though four carts came down with the camp with only one breakage. 12½ miles from Burgudee the Chita river is crossed for the first time; during the day an attempt was made to see if the road could be turned round this river and be brought down the left bank on the line shown by red dots B B B; but the ground is very difficult, and the expense of making even a 12-foot track through it would be great. To ascertain the feasibility properly, a trial trace should be cut; but the natural difficulties (rock and ravines) appear to be too great for a line of road the traffic on which can never be anything but very small. Crossing the Chita river, the road gets a little better, and the path is more defined; for merely a fair weather road the fact of crossing the river twice is of little consequence, as the crossings can be made very easy.

Towards the top of the ascent the brushwood commences and becomes thicker as you proceed. Before reaching Borai it is thick; the trees along this portion of the road are larger; several fine sál trees were seen. The jungle becomes more open; after reaching Borai it ceases, fields and low hills replacing it. About 2 miles of jungle have been cleared on this line of road before reaching Borai, but the trees have been cut too high up, and the stumps are rather long and sharp; but still it renders the track easier. From Borai, Baniadi village is visible; and between

this and Hatmoli is the boundary dividing the Central Provinces and Jeypur. This line runs through fields, and should be embanked from 1½ to 3 feet high. The nullah is a very troublesome one, and as there is plenty of timber lying and rotting within 3 miles, I would suggest a good substantial well-put-together wooden bridge; the only cost would be the carriage and labor. Care should have to be taken to clear all grass from its vicinity early in November to prevent its being burnt; and a bridge could be put up that would last for 20 years.

From the boundary Raigarh is about 15 miles; from thence to Nárangpur is 65 miles; the road is not yet in hand on this section. From Nárangpur to Kúraputi there is a dry-weather cart road, distance 36 miles. Potinghy Ghât is 28 miles from this, and Sálúr 24 miles beyond Potinghy. This would fix Potinghy, which is not marked on any of my maps, at about 18° 50′ north and 83°12′ 30″ east. Sálúr is well known; it is 66 miles from Calingapatam 52 miles from Bimlipatam, and 66 from Vizagapatam; the new ghât commences 4 miles from Sálúr and is 20 miles in length. The distances given are by the road, not straight across country; the ghât is not expected to be finished till 1878, by which time the rest of the road may probably be somewhat advanced. In looking at the Ganjam and Orissa Topographical Survey it appeared likely that a line from Borai, leaving Hathma to the left, up to Gorawan would probably be easier than the Chita river route; although if this line should be decided on, owing to the swampy nature of the ground near Kaunkera and Mainpur, it will still be advisable to run the road by Borai, joining into the Chita river road on the ground just above the village.

Returning from Borai to Dhamtari the first stage had to be any place where water was to be found, as there are no villages on the line. The spot selected was Birpani, just at the junction of the roads from Hathma and Kosmi to Gorawan. It takes its name from a large bir tree.

First Stage, on return from Borai, by Hathma to Birpani 10½ miles. From Border to Borai, 3 Miles, Total 13½ Miles.

The first 7 miles are easy; the proper line would be somewhere between the two red-dotted lines, but the jungle is too thick to decide without cutting a trial trace.

The next 4 miles, after crossing the Dhamtari border, present as many difficulties in the way of rock-cutting and clearing as the Chita river route, though only one nullah of any size is crossed up to this point.

There is a thick bamboo jungle for these last 4 miles, with rocky hillocks on both sides of the path; and the line is exactly that shown in the map, with the drainage sometimes from right to left and sometimes from left to right.

Second Stage, from Birpani to Borsidonga, 6½ Miles.

The nullah is crossed immediately after leaving Birpani, and long slopes with some rock-cutting will be required. Bamboo jungle continues as before up to the place where the road for Amgaon turns off; here it ceases; open jungle commences, the country becomes more and more clear, and the soil changes from good to black cotton. From this point up to Borsidonga will be wet and swampy until January. Any line can be taken here; the carts drive all over the country. From Borsidonga hills are visible on all sides, from 1 to 5 miles distance.

Third Stage, from Borsidonga to Jamgaon, 9¾ Miles.

From Borsidonga up to Deklaond there is no defined road, but carts drive over the country in any direction they wish, making a detour to avoid any difficulty. The ground is usually black, and will be swampy till late; it is quite dry now.

The Mahánadi is crossed near Déokot, and is about 250 feet broad. There is no jungle, only pollard trees. At Deklaond a road joins from Bamka, and from this point there is a well-defined route; the pollard trees continue, and soil changes to hard sandy loam. There are after this about 2 miles of uncut jungle, open and with no large trees. Passing this, the trees have again all been lopped; and on to Jamgaon the country continues the same, with here and there short distances of swamp, or what would be swamp in the rains and cold weather.

Fourth Stage, from Jamgaon to Madgadaian 9½ Miles.

From Jamgaon the track continues good and well defined; country open; trees are lopped as before; a river about 100 feet broad is crossed, near which is a narrow belt of uncut jungle; the soil is black cotton with a few yards of hard kunkur now and then. The small drainage channels would be troublesome if there were any traffic. All the large nullahs have good sandy bottoms and easy slopes. There is a little cultivation at the village of Bansoli; after this there is a mile of very good road, and then three chains of swamp, after which for 3 miles the road is good, running through open jungle; and the soil improves and continues good up to a small drainage channel which has a soft bottom, on the other side of which is black soil until the nullah is reached, on the bank of which is the village of Madgadaian.

Fifth Stage, from Madgadaian to Themli, 9 Miles.

This march is a difficult one. Carts can go, but nullahs are numerous. The road is shut in with rocky hills, and so confined that one large nullah is crossed four times; six other

nullahs are passed, and everywhere the track is sandy and heavy, except where it is rocky. There are about 2½ miles of rocky track on which a good deal of labor would be required to make it easily passable, and the line is one that would not be chosen if there was the slightest possibility of the road being bridged or much improved.

Sixth Statge, from Themli to Dhamtari, 8 Miles. Total from Border to Dhamtari 56¼ miles.

From Themli the road crosses the Silari river, and is shut in for about 1½ miles between the river and a ridge of rock ; the hill then recedes from the river, and the track runs through cultivation and waste to the Mahánadi, which is crossed at Rodree ferry. The track up to this point is very heavy. After crossing the river, there is half a mile of good hard soil, and then alternately sand and swampy ground, to the town of Dhamtari.

Summary.

From the above it will be seen that there are two tracks, one by Kokrel, Dokal, Gátasili, Burgudee and Borái, 61 miles in length, and the other by Themli, Madgadaian, Jamgáon, Bursidonga, Birpáni and Borái, 56¼ miles.

The first runs, with exception of 1¾ miles, entirely through country belonging to the Raipur district and under the Tasilee of Dhamtari ; it is now used by carts as far as Burgudee, offers no great obstacles, and up to this point can be improved, to any extent that may be considered advisable, by a corresponding expenditure. The soil on the whole is favorable, and the only heavy work is that detailed from Burgudee to the boundary, 22¼ miles. This road is also linked by a fair cart track to Sihóa from Burgudee ; and what cart traffic there is, follows this line.

The second line is through a much more open country, and the soil is generally unfavourable, swampy and heavy ; and it would be a good month longer than the first route in becoming dry. The last two stages from Madgadaian to Themli and Dhamtari is also very difficult, and could not be taken for anything but a fair-weather road. The distance is 4¾ miles shorter than the first route ; but owing to the heaviness of soil, carts would take longer to traverse the shorter distance ; it also runs for half its length through Kankér territory, and the Sihóa carts would have to follow the first route as far as Bamka before being able to join into this track.

Under these circumstances the first appeared the best, and a memorandum of expenditure required to open it for a cart track, 15 feet wide, is appended.

DRUG,
18th March 1876.

A. FRANCIS, *Lieut.-Colonel,*
Executive Engineer, Raipur.

XX.

No. 60 W., dated Waltair, the 30th March 1882.

From—K. F. NORDMANN, Esq., Executive Engineer, on Special duty,

To—The Secretary to Government, Madras, Public Works Department.

Adverting to my letter, No. 38-K, dated 25th ultimo, with which I submitted my report on the reconnaissance from raipúr to Koraput, I have the honor herewith to forward* the longitudinal sections (specified below) of the routes traversed, as well as cross sections of streams.

* In two registered covers.

14 longitudinal sections of the line from Raipúr viâ Dhamtari, Kankér and Banskót to Omorkót (150 miles).

2 longitudinal sections from Pupagáon *viâ* Jeypur to Kuraputi (24 miles).

21 longitudinal sections of the line from Raipúr *ávi* Rájim, Noagarh, Háthgáon, Omorkót, Nárangpur, Ránigar, Mádéoputi to Kuraputi (218 miles).

27 cross sections of streams, exceeding 30 feet in width, on the route *viâ* Rájim, Noagarh, &c.

2. The above sections have been unavoidably delayed, owing to the want of tracing cloth, which has since been received. One set had been prepared at Kuraputi, but was spoilt and had to be done over again.

3. Revised sections of the line from Ryaguddah *viâ* Singapore, the Músa Ghât, Bondesor and Dádpúr to Bôgor, promised in paragraph 3 of my letter, No. 20-B, dated 4th December 1881, are under preparation and will shortly follow.

4. The final report, and drawings belonging to the last section of the reconnaissance, viz., the crossing of the Jeypur plateau and the descent down the Eastern Ghâts, are now in hand, and will be submitted from here before I embark for Madras.

XXI.

No. 72 W., dated Camp Waltair, the 14th April 1882.

From—K. F. NORDMANN, Esq., Executive Engineer, on Special duty,

To—The Secretary to Government, Madras, Public Works Department.

As promised in paragraph 3 of my letter No. 20-B., dated 4th December 1881, and paragraph 3 of my letter No. 60-W., dated 30th March 1882, I have the honor herewith to submit 11 revised longitudinal sections of 95 miles of country reconnoitred by Mr. Sub-Engineer Cormac, in November last, between Ryaguddah, the Músa Ghât, Bondesor and Bôgor.

2. The altitudes have now been corrected, with reference to the aneroid observations at the sea coast, which had not come to hand when the original calculations were made ; and I beg that the heights on the original sections and in the reports, may be corrected according to the figures now furnished, which can be relied upon as correct.

3. As already intimated by a telegram, dated the 10th instant, I have been unable to finish the report and sections for the last portion of the reconnaissance, and to wind up the affairs of the reconnoitring party before this ; but I hope to do so by the end of the week, and intend to embark for Madras by the steamer of the 19th instant.

4. I shall thank you to instruct me whether I am to proceed to Ootacamund with my maps, field books and other papers, to give personally such further information, regarding the country reconnoitred, as the Government may desire to have.

5. Please address letters to me, till further notice, to *Madras—General Post Office*—to *await arrival.*

XXII.

No. 74 W., dated Camp Waltair, the 18th April 1882.

From—K. F. NORDMANN, Esq., Executive Engineer, on Special duty,

To—The Secretary to Government, Madras Public Works Department.

IN continuation of my letter No. 38-K., dated Kuraputi, 25th February 1882, wherewith I forwarded my report on the reconnaissance of the country between Raipúr and Kuraputi *viâ* Omorkót, I have the honor herewith to submit my notes on the last section of the reconnaissance, *viz.*, from Kuraputi across the Jeypur plateau and down the Eastern Ghâts to Sálúr ; together with 17 sheets of longitudinal sections* of the country traversed, illustrating the most practicable lines for a railway across the plateau and down to the plains ; and three cross sections of streams.

* In a separate cover.
Enclosures 3.
1 Book of Section.
1 "Notes."
1 Appendix A.

2. In paragraph 5 of G. O. No. 2294 W., dated 16th September 1881, I was directed to ascertain the best of the alternative routes, (1) from Párvatipúram *viâ* Ryaguddah, east of the Noagarh hills, to Raipúr ; and (2) from Sálúr over the Jeypur plateau and through Noagarh, west of the above hills, to Raipúr.

3. All my papers on the subject are now before the Government. I have already, in my letter above quoted (paragraphs 19 and 20 to which I beg to refer), made an impartial, preliminary comparison between the two routes ; and reviewing the whole circumstances again, I find a difficulty in arriving at a verdict as to which of the routes is the better.

4. Out of upwards of a thousand miles of country reconnoitred, two routes distinctly present themselves as (to my mind) equally eligible ; and the Government, with my notes, reports and sections, &c., before them, will be able to choose the route that seems to answer those purposes best which the

Government have chiefly in view in this matter. These routes are laid down in detail on my maps, and they lie as follows:—

(*1.*) *East of the Noagarh Hills.*—Párvatipúram (395 feet), Ryaguddah (687 feet), Bisemkattak (1,154 feet), Ombadóla (1,196 feet), Asurgor (699 feet), Bôgor (628 feet), (cross the Tél Nadi); then following the course of the Sunder river *viâ* Tukla (686 feet), Kariál (803 feet), Kúmúna (857 feet), Torbor (949 feet), Sialjóri (1,047 feet), Jalbal, Nára (1,010 feet), Súarmál, Patrapáli, Telibanda (1,022 feet), Mahásamund (916 feet), Gorári (cross the Mahánadi), Arang (952 feet), to Raipúr (963 feet); distance 372 miles.

This is the route which was recommended to me by Colonel Shaw-Stewart, R.E. It is a very excellent route and by far the best to be found in that direction. It encounters scarcely any ghât work (except a little, north of Ombadóla), and its summit level is not more than 1,346 feet above mean sea level.

(*2*) *West of the Noagarh Hills.*—From Sálúr (570 feet) up the ghâts to Merialpád Saddle (3,250 feet), thence along the Upper Jeypur plateau (averaging 3,000 feet) to Chikapar and Dumriput; down to Mádéoputi (2,500 feet); then following the course of the Kuradi Nallah downwards to Ránigar (2,018 feet); from there across the Jeypur Champaign country (averaging 2,000 feet elevation) to Nárangpur (1,918 feet), Paparhandi (1,922 feet), Dabgaon (1,984 feet), Bíjepur (1,955 feet), Omorkót (2,021 feet), Béra (1,967 feet), Raigarh (2,101 feet), to the edge of the Jeypur tableland near Kóliapodor (2,100 feet); thence following the drainage downwards *viâ* Dindandi and Gourgáon to Risgáon (1,569 feet); from there along the banks of the Sorul or Sondor river *viâ* Tumaribahál (1,441 feet), Baltema (1,295 feet), Benkura to Karti; there cross the Pairi river, then following this river *viâ* Bourka (992 feet), and Kopra to Rájim (958 feet), there cross the Mahánadi, and then *viâ* Uparwára to Raipúr (963 feet). The length of this line will vary from 356 to 343 miles, according to the gradients which may be accepted for the ghât portion.

5. On the western line the ghâts are to be encountered, with a summit level of 3,250 feet (Merialpád Saddle). The ghâts have been carefully explored with the result that six practicable lines have been found, *viz.*, five different lines to connect the Upper Jeypur plateau (having an average elevation of 3,000 feet) with the plains near Sálúr; and one line to connect the Upper Jeypur plateau with the lower plateau (which has an elevation of 2,000 feet).

6 The following are the different ghât routes, which have been described in detail in my "Notes" (11th and 12th March, and "*Résumé*")—*Vide* Sections, Sheet No. 17:—

(*a*) From Merialpád Saddle to Páchipenta Saddle, *viâ* Chandka, and Súnki valley, to the foot (4 miles north-west of Sálúr). Gradients varying from 1 in 50 to 1 in 75. Length 29 miles. Probable cost, at £10,000 per mile, £290,000.

(*b*) From Merialpád Saddle *viâ* Merialpád cutting (on the new Potinghi Ghât), Bittrah valley, Lávidy Saddle, High Súnkipenta, Súnki valley and Páchipenta Saddle, to foot. Gradients varying from 1 in 50 to 1 in 125. Length 32 miles. This is the longest route of all, and has the easiest gradients. Cost, at £10,000 per mile, £320,000.

(*c*) From Merialpád Saddle *viâ* Merialpád cutting, Bittrah valley, Lávidy Saddle, Chandka, head of Súnki valley, and Páchipenta Saddle, to foot. Gradients from 1 in 50 to 1 in 92. Length 29 miles. Cost, at £10,000 per mile, £290,000.

(*d*) From Merialpád Saddle to Merialpád cutting; 2½ miles; gradient 1 in 92. From Merialpád cutting *viâ* the proposed Wondranghy viaduct and Ródavalsa tunnel, to foot; gradient 1 in 50; length under 23 miles; total length 25⅓ miles. Cost, at £10,000 per mile (besides £50,000 extra for tunnel and viaduct), £300,000.

(*e*) From Merialpád Saddle to Merialpád cutting, as before, 2½ miles; gradient 1 in 92. From Merialpád cutting *viâ* the proposed Wondranghy viaduct and Ródavalsa tunnel, to foot; gradient 1 in 35; length 10 miles; total length 19 miles. This is the shortest practicable line, and has the heaviest gradients. Cost, at £10,000 per mile (besides £50,000 extra for tunnel and viaduct), £240,000.

The railway would traverse the upper plateau between the Merialpád Saddle and the Limka Saddle (near Dumriput), a distance of 33 miles.

(*f*) From Limka Saddle, which is 2,880 feet above mean sea level, *viâ* Mádéoputi and the Kuradi valley to the foot of the hills near Ránigar; an easy descent of 862 feet which in a length of 14 miles can be accomplished at an average gradient of 1 in 85. Probable cost, at £8,000 per mile, £112,000.

7. The total distance from Vizagapatam to Raipúr by the eastern or Párvatipúram route is 372 miles. By the western route, *viâ* the Jeypur hills, the distance would vary according to the gradients adopted for the ghâts.

By the longest ghât line, *vide* (*b*), paragraph 6 *supra*, the distance would be 356 miles, or 16 miles less than along the eastern route *viâ* Párvatipúram.

By the shortest line, *vide* (*e*), paragraph 6 *supra*, the distance would be 343 miles, or 29 miles less than by the eastern route.

8. The total probable cost of a narrow gauge line for each of the two routes (east and west of the Noagarh hills) would stand thus:—

A.—East of the Noagarh Hills.

	£
372 miles at £5,000	1,860,000
Add for some heavy work north of Ombadóla (5 miles at £2,000)	10,000
Add for bridges	30,000
TOTAL	1,900,000

The item of bridging is heavier on this line than on the other.

B.—West of the Noagarh Hills.

	£
Raipúr to foot of upper plateau at Ránigar, 204 miles, at £5,000	1,020,000
Ghât from Ránigar to Limka Saddle, 14 miles, at £8,000	112,000
Limka Saddle to Merialpád Saddle along the upper plateau, 33 miles, at £6,000	198,000
Ghât from Merialpád Saddle to foot in the plain (4 miles north-west of Sálúr) by the longest route (*b*), 32 miles, at £10,000	320,000
Foot to Sálúr and Vizagapatam, 73 miles, at £5,000	365,000
TOTAL	2,015,000

Or, Raipúr to foot of upper plateau at Ránigar, 204 miles, at £5,000	1,020,000
Ghât from Ránigar to Limka Saddle, 14 miles, at £8,000	112,000
Limka Saddle to Merialpád Saddle along the upper plateau, 33 miles, at £6,000	198,000
Ghât from Merialpád Saddle to foot by the shortest route (*e*), 19 miles, at £10,000	190,000
Add for Tunnel and Viaduct	50,000
Foot of hills to Vizagapatam, as before, 73 miles, at £5,000	365,000
TOTAL	1,935,000

9. As regards the gauge on which the new railway is to be constructed, it is, I submit, a matter for consideration whether a narrow-gauge line will fully answer the requirements of the great traffic, partly already existing and partly to be further stimulated and developed by the railway. It has to be considered that this railway will tap a large tract of country, about equal to France in size,

and with a population of some forty millions. But if, for reasons of present economy, the line is made a narrow-gauge one, I would strongly advocate that, in view of future requirements, all the bridges at least be built sufficiently strong to carry the additional weight consequent upon a broad-gauge line; in case the gauge should have to be eventually changed, as will most likely be the case.

10. If the railway is made by the eastern route *viâ* Párvatipúram, Ombadóla and Asurgor, the line would seem naturally to trend in a northerly direction, and might be continued from the last-named place *viâ* Banpur to Turla, there cross the Tél Nadí, then proceed along the left bank of the river *viâ* Bamini to Sónpoor, and thence along the western bank of the Mahánadi, *viâ* Binka, to Sumbulpoor, crossing the Mahánadi there.

This subject has been alluded to in my letter No. 24R., dated Raipúr, 6th January 1882, paragraph 8.

11. In case the railway should be taken from Raipúr to Sumbulpoor direct, along the old trunk road, crossing the Mahánadi twice, namely, at Gorári and Sumbulpoor, the line from Vizagapatam need not go to Raipúr at all, but might from Jalbal be taken north, *viâ* Onki, along the eastern bank of the Jong river, and there join the line from Raipúr to Sumbulpoor; whereby about 55 miles of railway would be saved.

There need be no objection, on the score of economy, to crossing the Mahánadi twice, as above mentioned; for, if the line from Raipúr is taken north of the Mahánadi, by Belaspur, &c., the amount of drainage encountered there would considerably exceed that south of the Mahánadi *plus* the double crossing of the latter. This is accounted for by the numerous large tributaries entering the Mahánadi from the north between Arang and Sumbulpoor.

12. It is not advisable to take the line from Singapore *viâ* Lonjigar to Ombadóla, as there is much hilly ground (a small ghât in fact) encountered between Singapore and Lonjigar, and an altitude of 1,608 feet (at Tirmuí) has to be overcome.

13. The route from Ryaguddah *viâ* Singapore, the Músa Ghât, Bondesor and Dádpúr to Bógor, has been carefully examined and must be considered objectionable for a railway, owing to the Músa Ghât, the head of which is 2,048 feet above mean sea level; while, by taking the route *viâ* Bisemkattak and Ombadóla, this ghât can be avoided.

14. The route mentioned* by Colonel Lucie-Smith, *viz.*, from the Músa Ghât *viâ* Nandól, Daspúr and Lorka, to Polsodár on the Sunder river (where it would meet my line from Kariál to Kúmúna), naturally shares the fate of the Músa Ghât, and must be rejected for the purposes of the railway if the ghât is rejected. But, with a view to opening out that part of the country, an ordinary cart-road should be made along Colonel Lucie-Smith's line, as well as from the Músa Ghât southwards *viâ* Singapore to Ryaguddah. This road would serve as a feeder to the railway if the latter is taken along the eastern, or Ombadóla route.

* *Vide* G. O. No. 3025W., dated 5th December 1881.

15. Similarly, the line recommended from Torbor (where it leaves my line) *viâ* Limdi, Tárnot, Sárábong, Tendubarra, Sirgidi, Bodrabanda, Kamaría and Kárti to Mahásamund (where it joins mine again), although a very good one for an ordinary road, has this drawback for a railway, that the line encounters two small ghâts (near Tárnot and Sirgidi) with an elevation of upwards of 1,500 feet; while the route *viâ* Jalbal, Nára and Súarmál, which is very little longer, meets no such obstacles; and its summit level is about 400 feet lower.

This subject has been reported on in my letter No. 24R., dated Raipúr, 6th January 1882, paragraphs 9 to 11.

16. The line from Raipúr *viâ* Dhamtari and Kankér to Omorkót, or Raigarh, is 13 miles longer than that *viâ* Rájim, along the Pairi river, through the Bindra-Noagarh Estate, and then up the Sorul or Sondor river. It would no doubt be desirable to take the rail *viâ* Dhamtari, which is situated in the very heart of a rich grain-producing country. But, besides being a long one, this line would encounter some difficult ghât work in the Hatkul valley, south-east of Kankér; while the grain country is also tapped by the Rájim line, although not to the same extent as it would be *viâ* Dhamtari.

This line has been discussed in my letter No. 38K., dated Kuraputi, 25th February 1882, paragraphs 10 and 11.

17. The lines examined and reported on by Colonel Francis, between Dhamtari, Sihóa and Borái, must be considered, on account of the hilly nature and irregular configuration of the country, as not eligible for the purposes of a Railway, when there are other and better lines. But the easiest of that officer's route (that *viâ* Kukrél, Dókál, Gatásili and Burgudi) should be opened as an ordinary cart-road; when it would act as a feeder to the Railway.

I have submitted a copy of Colonel Francis' report, with my letter No. 38K., dated 25th February 1882, paragraph 17.

18. Altogether, the reconnoitring party has travelled upwards of 1,100 miles, as specified in the margin.*

	Miles.
* Vizagapatam to Raipur *viâ* Párvatipuram and Ombadóla	372
Raipur to Vizagapatam *viâ* Kuraputi	356
Ryaguddah *viâ* Músa Ghât and Bondesor to Bógor	100
Raipur *viâ* Dhamtari and Kankér to Omorkót	150
Nárangpúr to Maribatta	50
Pupagáon *viâ* Jeypur to Kuraputi	24
Jalbal to Onki and back	50
Singapore *viâ* Lonjigár to Ombadóla and back	40
Total	1,142

G. O. No. 2294W., dated 16th September 1881 (paragraph 9) requires the longitudinal section of one line only; but, as I collected all the necessary material in the shape of measurements, observations, field notes, &c., I have submitted sections of nearly all the lines examined (with cross sections of streams); so that there are now before Government longitudinal sections of 900 miles of the country traversed, with the heights determined by the aneroid at about 900 places which are, on an average, a mile apart.

19. The perambulators used were by Elliot Brothers, of London.

The party was supplied with 11 aneroids, *viz.*, 5 by E. J. Dent, 3 by T. Cooke and Sons, 2 by L. Casella, and 1 by Negretti and Zambra; which were compared, and set, at the Public Works Stores in Madras, before being despatched. Of these, six that read best together were formed into two batteries of three each; one battery being kept and observed by the Master Attendant at Vizagapatam, while the other was registered in camp by myself daily at 11 A.M. and 4 P.M.

The other aneroids were carried about on the march and registered at every mile, at every stream, and at every change of level in the ground.

For calculating the altitudes, the hypsometrical tables of Major Morant, R.E., were used.

20. I cannot close this report without bringing to the special notice of Government the good services of my Assistant, Mr. J. Cormac, Sub-Engineer, who throughout the whole expedition has shown the most praiseworthy zeal, has been indefatigable in the discharge of his duties, and rendered me very valuable assistance; combining, as he did, great intelligence with arduous work and perseverance under difficulties. Two hundred and fifty miles of the country explored were reconnoitred by him alone, and I have submitted his own original notes and reports on these. I should be glad if the Government would acknowledge his good services by granting him a step in promotion, namely, from the 2nd to the 1st grade of Sub-Engineers.

21. I enclose an Appendix (1 A), containing a description of the preparations for the expedition, which Appendix I beg may be placed at the head of such of my papers as are to be printed in connection with the Reconnaissance.

22. The tents, stores, instruments, &c., have been handed over to the Executive Engineer, Vizagapatam Division, in accordance with memorandum No. 567C., dated 8th March 1882, from the Chief Engineer.

XXIII.

Notes of Reconnaissance of the Eastern Ghâts from Kuraputi to Sálúr, 6th to 16th March 1882.

6th March, Kuraputi to Chikapár.—Having finished the report on the reconnaissance from Raipur to Kuraputi, and the sections appertaining thereto,

the survey party left Kuraputi on the 6th March 1882 to undertake the last portion of the work, namely, across the Jeypur plateau and down the Eastern Ghâts to Sálúr.

From Kuraputi I first proceeded to *Mastiput*, a distance of 3½ miles, and took up the proposed Railway line there, where I had ceased work on the 16th of February. Mastiput is 214 miles from Raipur.

The aneroid battery, which had been of no use at Kuraputi, here began to work again, Mastiput being 2,520 feet above mean sea level. The aneroids in the battery, being figured only up to 27·50, could not be registered at an elevation exceeding 2,500 feet.

Marching from Mastiput towards *Dumriput*, a stream was crossed at the 2nd furlong, measuring 25 feet × 6 feet, in flood. At 1 mile 1 furlong is the village of *Dengagura*, which is conveniently situated for the future Kuraputi Railway station: a valley leading from here to Kuraputi, along which a hill-side road could be easily and cheaply made to connect the two places which are 2½ miles apart.

The track proceeds along the bank of the Kuradi nullah; there is some low scrub jungle about; the soil is hard and light.—Low hills on the left.

At 1 mile 2 furlongs a *stream*, 25 feet × 8 feet.

The ground then becomes somewhat irregular, and some cutting and embanking will be required.

At 2 miles 5 furlongs a small stream, 8 feet × 5 feet; the ground is hilly and irregular, and rather stony.

At 2 miles 6 furlongs the *Kuradi nullah* (25 feet × 8 feet) is crossed again by the track; there is some hilly jungle about; no cultivation.

The hill side is stony, occasionally rocky; the soil brown clay mixed with sand.

There is a rise from Mastiput up to this of 150 feet or 1 in 97.

The road about here would be mostly in hill-side cutting, and some rock blasting required, but not much.

In the 4th mile a *stream* is crossed, 15 feet × 5 feet.

At 3 miles 6 furlongs the track leads over a *saddle*, 360 feet above the starting point.

The soil is light clay, rather stony.

At 4 miles a *stream*, 25 feet × 9 feet; then another, 18 feet × 7 feet.

At the 5th mile there is some dry cultivation; no jungle.—Soil brown clay.

Before joining the high road from Kuraputi to Potingi, the village of *Nigamangura* is reached, where there are some paddy-fields. A stream, 25 feet × 7 feet, is crossed; and at 5 miles 6 furlongs the high road is joined.

The village of *Dumriput* was passed, and at 6 miles 7 furlongs the *Karandi stream* was reached, 30 feet × 9 feet, with soft clayey banks and muddy bed.

Then another stream, 14 feet × 5 feet.

At 7 miles 7 furlongs 143 yards the day's work was brought to a close, to be resumed to-morrow.

The party at this point left the high road to proceed to the site of the old Chikapár bungalow where the camp had been pitched.

As regards the fitness for a Railway of the line traversed to-day from Mastiput to Chikapár bridge, distance 8 miles, the section shows that, up to 1 mile 1 furlong 92 yards, the maximum gradient required would be 1 in 155; thence to 2 miles 6 furlongs 47 yards, 1 in 76; and up to the saddle, 1 in 25.*—From the saddle, by which the line enters on the Jeypur plateau (averaging 3,000 feet in elevation), there is a gentle descent of 101 feet in 4 miles 1 furlong and 90 yards. This descent includes some undulating ground which has to be negociated in detail; but there is nothing serious in the way of cutting or embanking required, and a good line could be easily laid out.

* Or, an average gradient of 1 in 55; but, by taking the line from Rénigar *above Mastiput*, this gradient could be considerably eased.

7th March, Chikapár to Dóliámb.—Distance 9 miles 3 furlongs.

We joined the public road where work was left off yesterday, and marched towards Potingi.

At the 2nd furlong the *Karandi stream* was crossed, over which there is a temporary timber bridge. The banks of the stream are steep and soft, the soil

is tenacious clay, the bed sandy and muddy alternately; there is no visible rock near for foundations.

Some dry cultivation along the route; no jungle.

At 2 miles 7 furlongs the road passes over a *saddle* not far from the village of *Kakkigám*.

A drainage channel 12 feet × 4 feet is crossed.

The prevailing soil is stiff clay.

At 4 miles 5 furlongs the old Police station at *Semligura* was passed.

At 5 miles 7 furlongs a *stream*, 30 feet × 8 feet, with steep, soft banks and sandy bed; no rock near for foundations.

Some wet and dry cultivation; no jungle. The soil here is brown clay; some laterite rock occurs near the road, a few feet below the surface.

7 miles 70 yards; *stream* 24 feet × 8 feet, with steep, clayey banks. Some light scrub jungle.

At 8 miles 6 furlongs, the village of Márliput was passed.

At 9 miles 143 yards a *stream*, 45 feet × 7 feet; bed, clay and shingle; soil, red clay; some laterite; the banks are sloping; the bed during floods is large and well defined; there is a distinct channel in the centre where the water at present runs about 4 feet deep.

At 9 miles 3 furlongs the camp near *Dóliámb* was reached, where there is both wet and dry cultivation. Jungle on the hill side.

To-day's march lay entirely along the 3,000 feet pleateau; the ground undulates considerably; but a good and easy line for the Railway can be obtained by keeping along the low ground as much as possible, and generally following the course of the longitudinal valleys leading in the direction of the proposed line.

Some high embankments would be required, but not much cutting. The soil is easy, the drainage to be crossed moderate, and there is not much rock.

8th March, Dóliámb to Dókrigát Saddle, 11 miles 4 furlongs. Dókrigát Saddle to Merialpád camp, 7 miles 6 furlongs. Total distance 19 miles 2 furlongs.—Continued along the public road for some distance from Dóliámb.

At 1 mile 4 furlongs 187 yards a *stream* was crossed, 25 feet × 10 feet, with steep clayey banks; bed, sand with shingle.

Some dry cultivation.

Prevailing soil, stiff clay.

Here we left the road and marched towards the village of *Kundili*, at the third mile, where ample wet cultivation was seen.

Beyond the village, the track passed over a tank bund.

At 3 miles 5 furlongs, a *stream* flowing into the Koláb was crossed, 35 feet × 9 feet, with steep clayey banks, and firm bottom; no rock visible. The ground here is somewhat undulating.

The track follows the course of the river just crossed; there are hills on both sides; the slopes are cultivated.

At 4 miles 5 furlongs the village of *Temba* was passed; Dusra was left on the right, on the other side of the stream. We then passed along a narrow valley where some hill-side cutting for the road would be required.

The main path leading from Potingi to Nandapur was met.

At 5 miles 5 furlongs a *stream*, 25 feet × 8 feet, flowing into the stream last crossed.

At 5 miles 8 furlongs, the *village of Kitajóla Dusra* was reached. Here are some dry fields, chiefly with ragi; and some gardens with castor-oil and plantain trees. Hills and jungle around.—In the 7th mile the last-mentioned stream was again met, and then its course followed up along the narrow valley, where some hill-side cutting would be required for the road.—Much dry cultivation around.

7 miles, 4 furlongs.—Near the *village of Déo Potingi*; at least *one* of the villages of that name: there are several.

We passed between *Déo Potingi* and *Sargigura*.

At the 9th mile the last stream was crossed once more. The soil here is red clay. There is some dry cultivation. Thin scrub jungle and stunted date grow all around. Some hill-side cutting for the road required.

At 9 miles 6 furlongs, passed through another *Déo Potingi* which seems to be the chief of the several villages of that name about here.

Then the path led through a *gorge*, where much hill-side cutting would be needed.

A small irrigation channel, coming from the head of the gorge (the Dókrigát Saddle) and flowing towards Déo Potingi, is led along the hill-side.

Beyond the gorge there is some flat ground again, breaking into irregular features here and there.

At 11 miles 4 furlongs, we arrived in the *Dókrigát Saddle*, having come at a steady ascent (about 300 feet) all the way from the village of Kundili.

The height of this saddle above mean sea level is 3,190 feet.

The track through the saddle is a short cut from Kundili to Merialpád; the easier but somewhat longer route lies along the valley of the Koláb river, further west.

From Dókrigát Saddle the lower ground to the south is overlooked wherein the village of *Pukeli* lies, to which the track descends rapidly from the saddle. But a gradual descent on an easy gradient can be obtained by keeping along the hill-side to the east, instead of descending at once.

Having no topographical maps of this part of the country, on the scale of one mile to the inch, and the ordnance map being incomplete for these parts, *as it does not show the hills* (the chief feature here), I had under-estimated the distance from Dóliámb to Merialpád, and sent the camp ahead to the latter place, along the main road *viâ* Potingi and then down the new ghât. So that from Dókrigát Saddle (which I left at 11 A.M.) I had to march across country, over hill and dale, through the jungle, to Merialpád.

We marched along the hill-side, passed through the *village of Sangamgure*, and at the 13th mile got into another *saddle* connected with the last by a ridge, and about 90 feet lower.

At last we reached the camp at Merialpád at 2-30 P.M., the thermometer in the aneroid box showing 105° F.; having marched 21 miles since 6 A.M., taking observations, notes, &c., and never halted.

Merialpád is near the edge of the 3,000 feet plateau, and is at the natural head of all lines of communication that can be brought up from the Sálúr plains to the plateau, in this direction.

The *Merialpád Saddle*, 3,250 feet above mean sea level, a mile to the west of the village, is the natural ghât head for all ghât lines converging here.

If it should be decided to take the Railway over the Jeypur plateau, there is nothing, encountered in this day's march, to form any obstacle or difficulty. No gradients steeper than 1 in 70 need be used; the amount of hill-side cutting required is by no means formidable, while scarcely any rock is met.

9th March, Potingi.—Inspected the new ghât, as far as Potingi, and confirmed my previous impression based upon careful examination of the country, some years ago, that this portion of the line should not be used for the Railway; the proper ghât head being at Merialpád and not at High Hadmári. Indeed, if Potingi had not been, chiefly with reference to Mr. Turner's Taudevalsah Ghât, made an obligatory point, nine years ago, when the new ghât was traced by me, this ghât would have entered upon the plateau at Merialpád, and not at Hadmári or Potingi. Thus the new ghât would have been 4 miles shorter than it is at present, and its head 250 feet lower.

It is a matter for consideration whether it is, even now, too late to change the upper part of the new ghât by abandoning that portion north of the Merialpád cutting (where the shaft was sunk), tracing thence into the Merialpád Saddle, taking the road from that to Pukeli; and thence either *viâ* Dókrigát Saddle and Déo Potingi, or else along the valley of the Koláb, towards Kundili, near which village the main road to Kuraputi would be joined. This would do away with Potingi as a station on the main road; the fertile Koláb valley would be opened out; and Pootapád, Pukeli and Kundili would then become important points on the new road.

10th March, Merialpád to Dókrigát Saddle.—This march was undertaken to obtain a complete longitudinal section of the line between the Merialpád and Dókrigát Saddles, which are nearly on the same level.

We first worked into the Merialpád Saddle, which is 2½ miles from the camp, and 3,250 feet above mean sea level.

From this saddle to Dókrigát Saddle (3,190 feet above mean sea level) the distance is 7 miles 6 furlongs. At 1 mile 1 furlong, we arrived opposite the village of *Sanduka*, which is on the other side of the valley. The track leads along the hill-side on the left; the soil is light; there is no rock visible. Some dry cultivation, and a little jungle. The ground is alternately flat and side-lying; hill-side cutting would be required in places.

At 1 mile 7 furlongs, a small *nullah* was crossed, 10 feet × 4 feet; 160 yards further another nullah, 15 feet × 4 feet. Here the track changes from the left to the right side of the valley. Patches of jungle and dry cultivation occur alternately.

At 2 miles 5 furlongs the last *stream* is crossed again, and the track changes back to the left side of the valley.

The ground here is rather irregular.

At 3 miles 5 furlongs a small *nullah*, 12 feet × 4 feet. Hilly jungle.—Soil, brown clay.

The longitudinal section here shows a considerable dip, because the track descends unnecessarily low; the road would avoid this dip by crossing the valley somewhat higher up.

At the 4th mile the track passes through the *Pukeli Saddle*, and then descends towards the village of *Pukeli*. But the saddle can be circumvented by following the course of the nullah last crossed.

We passed a small hamlet belonging to Pukeli, and called *Pukeliguda*, situated on a gently sloping hill-side.

There is some dry cultivation near this village.

At 5 miles 6 furlongs the village of *Pukeli* was passed *en route* to the *Dókrigát Saddle*. There is extensive wet and dry cultivation near the village. Half-a-mile north of Pukeli a stream is crossed, flowing into the Koláb river.

From here the line may either follow the course of the Koláb river to Kundili, or be taken up into the Dókrigát Saddle; but the former is the easier line for a railway. In case the road is taken through Dókrigát Saddle, the ridge on the eastern side will take the line from the saddle down towards Pukeli at a maximum gradient of 1 in 70.

From Dókrigát Saddle we returned to Pukeli, a distance of 2 miles, where the camp had been pitched.

The distance marched to-day was as follows:—

	M.	F.	Y.
Merialpád Camp to Merialpád Saddle	2	4	0
Merialpád Saddle to Dókrigát Saddle	7	6	92
Dókrigát Saddle to Pukeli Camp	2	0	42
TOTAL	12	2	134

The march to-day was chiefly through a broad valley; some intricate ground was passed over near Pukeli, but nothing was encountered that could be considered a serious obstacle to tracing a suitable line for a railway.

11th March. Pukeli to Merialpád viâ Pútapár.—Distance 9 miles 6 furlongs.

We marched back from Pukeli to Merialpád Saddle along the route described yesterday.

From Merialpád Saddle we followed the Brinjarri track leading into the old and new ghâts between Lávidy and Pútapár. The track is an easy one and leads chiefly along a gently sloping hill-side.

The railway should descend the hill-side at 1 in 75 from Merialpád Saddle, keep above the present ghât and above Lávidy Saddle, pass Chandk a and enter the valley of the Súnki river not far from Páta Lávidy. It would then cross the Súnki valley, as high up the stream as may be found convenient, and proceed along the southern slope of the valley into the *Páchipenta Saddle*, *i. e.*, the head of the old Páchipenta ghât, south of the Súnki stream.

Or, another line could be run as follows:—

From Merialpád Saddle into the Bittra valley; then through a cutting, to be made in the low ridge near Volagah; along well-wooded hill-sides into Lávidy Saddle; thence either *viá* High Súnkipenta, or *viá* Lávidy and Chandka, into the Súnki valley; across the Súnki stream, and into Páchipenta Saddle, as before.

From Páchipenta Saddle, which is 2,213 feet above mean sea level, there is a descent of 1,443 feet to accomplish, and there is a length of 14 miles of hill-side available to get to the foot of the hills (4 miles north-west of Sálúr); so that a line could be traced at a gradient of 1 in 50, which gives a fall of 105 feet per mile. Much heavy rock would be encountered on these last 14 miles, and a number of large stone revetments would have to be built.

The work on the plateau, *i.e.*, above Páchipenta Saddle, would be rather easy compared to that on these 14 miles; the outer (southern) face of the ridge being very stony.

From the foot of the hills an easy descent of 1 in 100, for 4 miles, takes the line into Sálúr, which is 569 feet above mean sea level, 100 feet above Rámabhadrapúram, and 175 feet higher than Párvatipuram.

12th March, Bittra Valley line.—Went to reconnoitre the Bittra valley and to refresh my memory about its features which I had very carefully examined in 1873, 1874 and 1875.

The submit level of this line is also the Merialpád Saddle. The road can be taken down from that saddle, along easy hill-sides, by a gradient of 1 in 50 to the site of the proposed viaduct, 1,500 feet long, 1,622 feet above mean sea level, and 150 feet above the bed of the Wondranghy stream; there we should have to pierce the Ródavalsa ridge by a tunnel 2,000 feet long, and emerge on the southern face of the ridge at the same elevation, *i.e.*, 1,622 feet above mean sea level, or 852 feet above the foot of the hills (which is 4 miles north-west of Sálúr). To accomplish this descent at a gradient of 1 in 50, would require a length of about 8 miles which is available on the same hill-side along which the new Potingi Ghât is being made, and along which the railway from Páchipenta Saddle would come down.

As in the case of the latter, so also here, a considerable amount of rock would have to be blasted, and a number of heavy stone revetments to be built, on these 8 miles.

13th March, Merialpád to Dóbata.—Went along the new ghât, as far as Lávidy Saddle; thence along the cattle track leading to Lávidy, Chandka, and Súnki. Passed the village of Páta Lávidy. Then entered the valley of the Súnki stream, followed its course downwards to Súnki, and returned by the old ghât to High Súnkipenta, and thence by the new ghât to the camp at Dóbata, just under Lávidy Saddle.

14th March, Dóbata to Súnki.—Proceeded along the new ghât to Súnki, crossed the Súnki stream (which contained very little water) and ascended the old ghât to its summit level on this side (Páchipenta Saddle). Fixed the height of the latter (2,213 feet), and explored the hill-side with a view to the location of the line of rail, in case it should be decided to bring the line here.—Then returned to the camp at Súnki.

15th March, Súnki to Ródavalsa.—Marched along the new ghât, as far as the cutting on Ródavalsa Saddle.

Thence descended the steep hill-side into the rocky bed of the Wondranghy stream, and examined the sites of the proposed viaduct and tunnel.

Fixed altitudes, &c., and then returned to the camp on Ródavalsa Saddle, which saddle is 2,001 feet above mean sea level.

16th March, Ródavalsa to Sálúr.—Went along the new ghât to the foot, and then along the new line of road being constructed from the foot to Sálúr. There I closed the field work of the last section of the Reconnaissance.

Résumé.

As the result of my exploration of the ghâts, on this occasion as well as in previous years, I have arrived at the conclusion that the routes above mentioned (side notes for 11th and 12th March), and described as accurately as they can be without actual levels, &c., having been taken, represent the shortest and most practicable lines (subject to modification in details) that can be found for a railway ghât from Sálúr to the Jeypur plateau. Other lines may be possible, but those here specified offer a minimum of obstacles and difficulties.

These routes are:—

I.—The Lávidy and Súnki Line.

(*a*) From Merialpád Saddle to Páchipenta Saddle *viá* Chandka and Súnki valley.

Miles.	
15	Fall 1,037 feet; gradient 1 in 75; length 15 miles (Section No. 6).
14	From Páchipenta Saddle to foot (4 miles north-west of Sálúr). Fall 1,443 feet; gradient 1 in 50; length 14 miles (Section No. 10).
4	From foot to Sálúr. Fall 200 feet; gradient 1 in 100; length 4 miles (Section No. 15), total 33 miles.
33	

(*b*) Or, from Merialpád Saddle to Merialpád cutting (on the new Potingi Ghât).

Miles.	
2½	Fall 143 feet; distance 2½ miles; gradient 1 in 92 (Section No. 11).
7½	From Merialpád cutting into the Bittra valley and to Lávidy Saddle. Fall 507 feet; gradient 1 in 75; length 7½ miles (Section No. 7).
2½	From Lávidy Saddle to High Súnkipenta; fall 106 feet; distance 2½ miles; gradient 1 in 125 (Section No. 9).
5½	From High Súnkipenta *viá* Súnki valley to Páchipenta Saddle; fall 281 feet; gradient 1 in 100; length 5½ miles (Section No. 9).
14	From Páchipenta Saddle to foot; fall 1,443 feet; gradient 1 in 50; length 14 miles (Section No. 10).
4	Foot to Sálúr; fall 200 feet; gradient 1 in 100; distance 4 miles (Section No. 15).
35⅓	

Total length 36 miles.—This is the longest route of all, and has the easiest gradients.

(*c*) Or, from Merialpád Saddle *vid* the Bittra valley to Lávidy Saddle, as before 9 1/16 miles (Section No. 7).

Miles.	
9 1/16	From Lávidy Saddle *viá* Chandka and the head
5½	of the Súnki valley to Páchipenta Saddle; fall
18	387 feet, gradient 1 in 75; length 5½ miles.
33 3/16	Páchipenta Saddle to Salúr, as before, 18 miles; total length 33 3/16 miles.

II.—The Bittra Valley Line, with Viaduct and Tunnel.

(*d*) From Merialpád Saddle to Merialpád cutting, as before; distance 2½ miles. From Merialpád cutting to Wondranghy stream; roadway of viaduct 150 feet above bed. Fall 1,485 feet; gradient 1 in 50; length 14 miles (Section No. 11).

Miles.	
2½	Wondranghy Viaduct, and Ródavalsa Tunnel;
14	combined length 3,500 feet (Section No. 16).
⅔	From south entrance of tunnel, to foot (4 miles
8⅙	north-west of Sálúr); fall 852 feet, gradient 1
4	in 50; length 8⅙ miles (Section No. 13).
29⅓	

From foot to Sálúr; fall 200 feet; gradient 1 in 100; length 4 miles; total length 29⅓ miles (Section No. 15).

(*e*) Or, from Merialpád Saddle to Merialpád cutting, as before; distance 2½ miles. From Merialpád cutting to viaduct, at a gradient of 1 in 35; length 10 miles (Section No. 13). Viaduct and tunnel, as before, ⅔ mile. Tunnel to foot, at 1 in 35; 5⅞ miles; foot to Sálúr, 4 miles; total 23 miles.

Miles.	
2½	
10	
⅔	
5⅞	
4	
23	

This is the shortest practicable line, and is shorter than the new Potingi Ghât which is now being made.

The steep gradient may be considered objectionable for a railway; but railways on similar gradients have been made in other parts, for instance over the Alps (the Semmering Pass in Austria, and the Brenner Pass in Bavaria); over the Western Ghâts near Bombay (the Bhore and Thull Ghâts); and others.

K. F. NORDMANN,
Executive Engineer.

WALTAIR,
18th April 1882.

XXIV.

Statement of Particulars describing Mr. Nordmann's Route—from Párvatipuram to Raipur.

Distance from Vizagapatam.	Distance between principal Stations.	Distance between Villages.	Height above M.S.L.	Rise.	Fall.	Remarks.
M. F. Y.	M. F. Y	M. F. Y.				
85 7 4	...	...	395·3	...	...	*Belagamparvatipuram.*
		1 1 63	360·0	...	...	Town of *Párvatipuram.*
		2 3 137	385·0	...	...	Sandy loam kunkur underlying.
		3 3 147	385·0	...	...	Village of *Vikrumapuram.* Dry cultivation.
		4 3 150	340·0	...	...	Junction with *Kurupam* road. Wet and dry cultivation.
		5 4 143	318·0	...	...	Dry cultivation.
		6 3 182	310·0	...	...	Village of *Jungalavalasa.*
		6 6 176	...	...	..	*Narrainpatnam.* River, Section No. 1. Village of *Kotapam.*
		7 7 173	275·0	...	...	Stream 20′×4′.
		9 1 23	...	...	...	Do. 10′×4′.
						Village of *Komarada.* Station-house. Cultivation under tank.
		10 0 120	...	...	...	Stream 20′×6′.
		10 3 86	280·45	...	114·85	Village of *Kamatlapeta.* Undulating country. Sandy light loam.
		1 1 87	270·0	...	...	Jungle.
		2 1 92	280·0	...	...	Wet cultivation. Jungle.
		3 2 46	340·0	...	...	Undulating irregular ground. Sandy clay. Little cultivation.
		4 4 163	260·0	...	...	Stream 10′×4′.
		4 7 133	...	...	...	Do. Section No. 2.
		5 6 81	260·0	...	...	Do. do. No. 3. Oil-seeds and sugarcane.
		6 6 141	340·0	...	...	Sandy soil.
		8 0 184	360·0		...	Stream 4′×3′. Wet and dry cultivation, and jungle. Ground broken and undulating.
		9 2 68	403·0	...	...	.....
		9 4 48	...	...	...	Stream, Section No. 4.
		10 4 129	483·8	203·35	...	Village of *Jummadahpettah.*
		1 2 55	513·8	...	...	Jungle and dry cultivation.
		2 7 46	433·0	...	...	Stream 15′×7′.
		2 7 77	...	...	...	Do. 15′×10′.
		3 3 80	420·0	...	...	Do. Section 5.
		4 1 185	420·0	...	...	Road runs by river Nagavully.
		4 2 0	...	...	...	Stream, Section No. 6. Jungle with little cultivation in patches.
		5 1 50	470·0	...	...	Khond Village of *Juddah.* Dry cultivation.
		5 7 17	483·0	...	...	Dry cultivation. Light sandy soil.
		7 3 158	568·0	...	...	Village of *Pittanmoley.* Light sandy soil.
		9 1 215	540·0	...	...	River, Section No. 7.
116 6 0	30 6 216	9 7 1	687·0	204·	...	*Ryaguddah.* Light soil. Dry cultivation.
		1 4 30	669·0	...	...	Dry cultivation.
		2 4 37	637·0	...	...	Village of *Kulliagoodah.* Ground somewhat broken. Stream 6′×4′.
		3 7 79	657·0	...	...	Village of *Prodiguda.* Tope for camping. Dry cultivation; some wet.
		5 4 187	617·0	...	...	Village of *Comellypettah.* River, Section No. 8. Level upland country.
		6 6 104	667·0	...	...	Some jungle. Village of Jugganaidupetta.
		8 1 189	709·0	22·	...	Village of *Gingerabadi.* Soil dark brown clay, nearly black.
		8 6 147	736·0	49·	...	*Gingerabadi.* Ground becoming more uneven. A good deal of jungle. Jungle and cultivation; some wet cultivation under streams. Soil alternately sandy and clayey loam.

Statement of Particulars describing Mr. Nordmann's Route, &c.—contd.

Distance from Vizagapatam.	Distance between principal Stations.	Distance between Villages.	Height above M.S.L.	Rise.	Fall.	Remarks.
M. F. Y.	M. F. Y.	M. F. Y.				
		1 3 142	764·0	...	...	Dry cultivation. Jungle and patches of cultivation. Rock.
		3 1 60	778·0	...	...	Dry cultivation. Sandy soil.
		3 3 110	706·0	...	...	Stream, Section No. 9. This river lies in a deep valley.
		4 3 126	778·0	...	...	Village of *Gujelpadu.* Dry and wet cultivation. Ground somewhat undulating. Small planted tope of young trees. Village of *Sunta-Bunnigdum.* Sandy track; slightly undulating.
		6 0 118	794·0	...	...	.....
		6 4 74	766·0	...	...	Stream, Section No. 10. Jungle and cultivation. Sandy track. Village of Buthpuram.
		7 6 76	876·0	...	...	.....
		8 6 44	904·0	...	...	Stream, Section No. 11. Hilly jungle. Broken ground. No cultivation.
		10 0 27	1,072·0	...	...	Jungle with patches of cultivation.
		10 4 123	1,136·0	400·	...	*Ballingy.*
		1 5 92	1,206·0	...	...	Hill side cultivated in patches.
		2 6 48	1,236·0	...	...	Very few patches of cultivation.
		3 2 176	1,196·0	...	...	Stream, Section No. 12.
		4 0 91	1,286·0	...	...	Do. 10′×15′.
		4 2 175	1,258 0	...	...	Ground uneven, cut up by gullies.
		4 6 104	1,298·0	...	...	Soil, sandy brown clay. Bifurcation of roads eastern to *Bissemkattak,* western to *Raipur* viâ *Tikirapara.*
		5 3 147	1,346·0	...	...	Jungle and patches of cultivation. Reddish sandy clay. Jungle, with little cultivation.
		6 4 109	1,276·0	...	...	Village of *Matakeri.* Wet and dry cultivation.
		7 5 147	1,176·0	...	...	Village of *Batuguda.* Dry cultivation and jungle.
		9 0 69	1,156·0	...	...	Jungle, with recent clearing and sparse dry cultivation.
146 3 187	29 4 191	10 1 141	1,154·0	18·	...	*Bisemkattak* in the midst of hills [illegible] gh. Paddy-fields. Stream, Se[illegible] 18.
		2 1 66	1,194·0	...	...	Jungle.
		3 3 134	1,104·0	...	...	Stream 10′ × 5′. Some dry cultivation. Village of *Goilkana.* Stream [illegible] × 5′. Some wet cultivation. Village of *Burchiguda.* Extensive wet cultivation.
		5 3 142	1,054·0	...	...	Dry cultivation in jungle. Village of *Depaguda.* Extensive wet cultivation. Stream 25′ × 5′. Village of *Dandra.* Jungle; few patches of clearing.
		7 2 208	1,104·0	...	...	.....
		8 4 16	1,104·0	...	...	Village of *Tikirapara.* Wet and dry cultivation. Stream, Section No. 14.
		9 4 173	1,094·0	...	...	Jungle. Dry cultivation. Village of *Jomaraguda.* Village of *Chel[illegible]alla.* Fine tope for camping
		11 1 204	1,194·0	...	...	Stream 10′ × 5′. Jungle cleared here and there. Dry cultivation.
		12 0 67	1,192·7	38·	...	*Kordaband.* Fine tope for camp. Stream 10′ × 5′; stream 10′ × 5′.
		1 3 75	1,100·0	...	...	Jungle and dry cultivation. Stream 10′ × 5′.
		3 1 211	1,050·0	...	...	Village of *Doikal.* Stream, Section No. 15. Paddy and dry cultivation, sugarcane.
		3 7 82	...	...	...	Village of *Kondug[illegible]* Stream 25′ × 5′. Undulating country. Hills on both sides. Tree, jungle, patches of dry cultivation.
		5 2 191	1,070·0	...	...	Village of *Sivapodro* and *Dombisi.* Small ghât stream 15′ × 5′; stream 8′ × 3′.
		6 6 187	1,060·0	...	...	Hilly undulating ground. Jungle and dry cultivation.
		7 2 47	...	...	...	Stream, Section No. 16. Dense jungle. Hill side cutting required. Flat country.
		8 5 27	1,182·0	...	...	Village of *Chankuti*
		9 3 17	1,152·0	...	...	Village of *Peddagudah.* Village of *Ramguda.*

Statement of Particulars describing Mr. Nordmann's Route, &c.—contd.

Distance from Vizagapatam.			Distance between principal Stations.			Distance between Villages.			Height above M.S.L.	Rise.	Fall.	Remarks.
M.	F.	Y.	M.	F.	Y.	M.	F.	Y.	Feet.	Feet	Feet.	
						10	0	67	1,082·0	...	...	*Bongsdara* River, Section No. 17.
170	3	52	23	7	85	11	7	18	1,196·0	4·0	...	Fine tope for camping; *Ombadola*.
						0	5	0	1,234·0	...	...	Stream, Section No. 18. Planted topes alternating with jungle and dry cultivation.
						1	7	78	1,234·0	...	...	Village of *Kumrabal*. Stream 10′ × 4′. Village of *Bijapuram*. Jungle and dry cultivation.
						2	7	0	....	...	...	Village of *Ishapur*. Jungle with a little dry cultivation.
						3	5	153	1,296·0	...	...	Summit stream 6′ × 4′.
						4	2	0	...	...	...	Village of *Banpur*. Gneiss rock with quartz jungle.
						4	5	197	1,166·0	...	...	Stream, Section No. 19. Broken ground; stony soil; soil clay with kunkur.
						5	3	26	1,136·0	...	...	Jungle and rock cropping out. Irregular ground broken and undulating. Stream 6′ × 4′.
						7	0	176	1,076·0	...	...	Village of *Boreguda*. Dry cultivation in the midst of jungle.
						8	1	121	1,066·0	...	...	Village of { *Dengen* / *Kargati* }. Dry cultivation, surrounded by jungle. Grouad undulating and cut up by gullies. Soil red clay.
						9	2	21	996·0	...	...	Boundary of *Kalahundy*. Tracks to *Lonjigar* and *Bondesor* diverge at this point. Dense jungle; stony soil. Village of *Sigriguppa*. Forest of large trees.
						10	3	0	...	...	...	Stream 20′ × 5′; stream 10′ by 5′. Abundance of *kunkur*, limestone about.
						11	0	50	...	...	...	Stream 25′ × 6′. Jungle. No cultivation.
182	1	0	...			11	5	176	927·0	...	269·	*Sorigura*. Small clearing in dense jungle. Dense forest of good timber trees; matti abundant; ample timber for railway sleepers. Virgin soil.
						1	6	117	837·0	...	...	Stream, Section 20. Virgin jungle and forest without a patch of clearing.
						2	4	169	827·0	...	...	Village of *Padmara*. Some dry cultivation. Flat country. Soil, light sandy clay. Village of *Poremalla*.
						4	1	0	...	...	...	Irrigated land.
						4	7	114	747·0	...	...	Village of *Bakel*. Wet and dry cultivation. Village of *Olisirka*. Wet and dry cultivation. Soil, dark clay.
						6	2	0	727·0	...	...	Village of *Tulagaon*. Wet and dry cultivation. Open ground round village. Scrub jungle.
						7	3	172	700·0	...	...	Village of *Sorgigura*. Wet and dry cultivation near village.
						8	1	198	710·0	...	...	Village of *Mandel*. Ample cultivation all round. Black soil. Some jungle.
	...					10	6	67	699 3	...	228·	Village of *Asurgor*, situated in an old mud fort.
						0	1	94	...	...	...	Stream, Section No. 21. Light jungle and dry cultivation. Soil heavy clay, nearly black.
						0	7	194	699·0	...	...	Village of *Borgaon*. Open country. Extensive wet and dry cultivation.
						1	4	178	679·0	...	...	Good soil, nearly black.
						2	0	207	...	...	...	Villages of { *Setirpulli* / *Bolaspur* }. Young mango topes about five years old. Extensive rice-fields.
						2	6	215	679·0	...	...	Tank. Jungle; a few patches of wet and dry cultivation. Much rock. Track branches off to *Bondesor*. Light soil.
						4	0	16	609·0	...	...	Stream 18′ × 9′. Sandy bed; good banks.
						4	5	2	609·0	...	...	Village of *Domsilat*. Small village in jungle, with little dry cultivation around.
						5	7	212	589·0	...	...	Village of *Torla*. Five huts in a clearing surrounded by jungle.
						6	7	28	549·0	...	...	Deron stream, Section No. 22.
						8	6	186	549·0	...	...	Village of *Kandel*. One dozen huts in a large clearing.
						9	5	3	...	...	...	.....

Statement of particulars describing Mr. Nordmann's Route, &c.—contd.

Distanee from Vizagapatam.			Distance between principal Stations.			Distance between Villages.			Height above M.S.L.	Rise.	Fall.	Remarks.
M.	F.	Y.	M.	F.	Y.	M.	F.	Y.	Feet.	Feet.	Feet.	
						10	5	168	549·0	...	...	Village of *Dammermurra*. A few huts in a small clearing. Very little cultivation.
						11	6	9	549·0	...	...	Stream 11′ × 4′.
205	3	128	35	0	76	12	4	53	627·7	...	71·6	Village of *Bogor*. Small area of wet cultivation. Dry cultivation Cross road from *Bondesor* to *Sumbulpoor*.
						1	4	193	597·0	...	...	.....
						1	7	93	547·0	...	...	Tel Nadi, Section No. 23.
						2	7	84	577·0	...	...	Village of *Mohda*.
						3	1	78	577·0	...	...	Soil heavy sandy clay. Wet and dry cultivation. Village of *Gontaballi*. Slightly undulating. Open park-like country. Light scrub jungle and grass land.
						5	1	44	587·0	...	...	Village of *Serko*. Open country, high and dry ground. Light sandy soil.
						6	0	120	560·0	...	...	Stream, Section No. 24. Open grass country. Some cultivation. Village of *Udepur*.
						7	2	206	585·0	...	...	Village of *Gurar*. Wet and dry cultivation. Much garden cultivation.
214	0	0	...			8	7	5	618·0	...	...	Village of *Boolkapodor*.
						0	6	140	587·0	...	...	Stream, Section No. 25. Open country. Dry and wet cultivation. Extensive wet cultivation.
						2	7	116	578·0	...	...	Village of *Kuland*. Extensive cultivation, wet and dry. Some jungle. Undulating ground.
						4	2	171	618·0	...	...	Village of *Gondergura*. Rocky hillocks. Undulating country.
						5	2	144	568·0	...	...	Stream, Section No. 26. Village of *Daiton*. Wet and dry cultivation. Soil dark clay.
						7	4	145	588·0	...	...	Village of *Itchegaon*. Open flat country. Village of *Porsasora*. Good camping ground. Flat open country, slightly undul ating.
						9	3	46	608·0	...	...	Village of *Badbeng*.. Wet and dry cultivation. , Soil sandy clay.
[illegible]	2	0	...			11	6	100	688·0	...	...	Village of *Sukuan*. Open country, well cultivated.
						1	6	21	699·0	...	...	Village of *Bishopatnam*. Dark clayey soil. Well cultivated. Open country. Rock cropping up in places.
						3	7	126	628·0	...	...	Village of *Saleburut*. Extensive cultivation. Good camping ground.
						5	3	124	648·0	...	...	Village of *Jholop*. Wet and dry cultivation. Garden cultivation. Soil gravelly. Tope and camping ground. Quartz, outcrops in severol places.
						6	6	204	676·0	...	...	Village of *Boslar*. Stream, Section No. 27. Good camping groundfor an army.
336	2	0	...			10	0	139	686·0	48·	...	Village of *Tukla*. Swampy ground.
						1	0	183	686·0	...	...	Village of *Bisga*. Wet and dry cultivation; scrub jungle; swampy ground; scrub jungle.
						2	3	58	686·0	...	...	Village of *Pokansor*. Black soil. Wet and dry cultivation.
						3	5	160	666·0	...	...	Village of *Boro Doil*. Wet and dry cultivation. Rich dark clay.
						5	3	48	752·0	...	...	Village of *Sana Doil*. Large tank of drinking water. Scrub jungle. Good camping ground.
348	6	116	38	2	208	7	4	84	802·0	116·	...	Village of *Kardel*. Good camping ground. Low scrub jungle. No cultivation
						2	0	72	772·0	...	...	Village of *Chindagura*. Extensive garden cultivation; some wet and dry cultivation.
						2	4	121	...	...	...	Heavy jungle.
						3	4	82	762·0	...	...	Village of *Tonknali*. A little cultivation; heavy jungle.
												Heavy jungle.
						5	5	102	762·0	...	...	Garden cultivation; heavy jungle. Small stream 5′ × 5′; stream 20′ × 6′.
						7	1	93	730·0	...	...	Village of *Nuagaon*. Wet cultivation. Jungle.
						8	0	192	711·0	...	...	Village of *Borgoan*. Light gravelly soil. Stream [illegible]×6′; stream 10′×4′; stream 10′×4′.

Statement of particulars describing Mr. Nordmann's Routes, &c.—contd.

Distance from Vizagapatam.	Distance between principal Stations.	Distance between Villages.	Height above M.S.L.	Rise.	Fall.	Remarks.
M. F. Y.	M. F. Y.	M. F. Y.				
		10 5 66	741·0	...	...	Village of *Kolinga*. Jungle.
255 5 153	...	11 7 37	761·0	...	41·	Village of *Tikali*. A few huts in a clearing in the jungle. Hilly jungle. Stony soil with gravel; much quartz about.
		1 6 112	741·0	...	...	Stream, Section No. 28. Village of *Lamipani*. Wet and dry cultivation. Jungle with stunted teak.
		3 0 65	751·0	...	...	Stream 26′×6′. Rock for foundations; ledges of stratified rock extending across the stream. Stream 6′×4′. Jungle. Rocky and stony ground. Stream 10′×5′;
		4 4 128	751·0	...	...	Village of *Jalkusum*. Rich dark soil. Stream 15′×5′. Rocky bed; high banks.
		5 7 115	741·0	...	...	Stream, Section No. 29.
		6 6 37	791·0	...		Village of *Dumribahal*. Wet and dry cultivation.
		7 5 75	811·0	...	...	Village of *Bilinjar*. Topes, gardens and fields. Wet and dry cultivation. Jungle. Hilly ground. Dense jungle. Fine camping ground.
266 0 0	...	10 3 10	857·0	96·	...	Village of *Kumuna*.
		0 7 8	787·0	...	...	Gurmai stream, Section No. 30. Jungle. Dark rich soil. Open country. Grass land.
		2 2 121	797·0	...	...	Village-site of *Gursor*, deserted.
		3 4 104	787·0	...	...	Village of *Kisima*. Village of *Tokopara*. Jungle and grass land. No cultivation.
		4 5 171	797·0	...	...	No track. Village of *Kurisor*. Some wet and dry cultivation.
		5 3 84	797·0	...	...	Rich dark soil. Stream, Section No. 31. Fine soil for wheat. Village of *Koirbari*. A little cultivation and some open ground. Dense jungle.
		7 7 184	837·0	...	...	Village (deserted) of *Jondramura*. Good jungle all round.
		9 6 66	909·0	...	...	Village of *Manikgura*. A few huts in a small clearing in the jungle.
278 2 205	...	12 2 42	949·0	92·	...	Village of *Torbor*. Fields and gardens. Large tank. Rich dark soil.
		1 1 7	929·0	...	...	Stream 26′×6′. Sandy bed. Jungle with little cultivation. Soil hard and gravelly. Track cleared through the jungle. Stream 12′ × 3′; small stream 6′ × 3′; small stream 6′×3′.
		4 0 183	929·0	...	...	Stream, Section No. 32. Some sâl here. Quartz Light jungle with some patches of cultivation. Stream 6′×3′.
		5 2 97	969·0	...	...	Village of *Daldali*. Some cotton and a good deal of rice.
		6 0 65	979·0	...	...	Village of *Nuapara*. Large clearing. Hard soil. Wet and dry cultivation. Light jungle. Village of *Kandumuri*.
		8 4 113	1,000·0	...	...	Village of *Sambarsingi*. Track branches off to Tarnot.
		9 6 65	1,027·0	...	...	Village of *Kajurbara*. Undulating ground. Soil dark clay. Stream 10′×4′; stream 12′×5′.
290 0 0	...	11 5 175	1,047·0	98·	...	Village of *Sialjori*. Stream 8′×3′. Light jungle. Open country.
		1 4 139	1,047·0	...	...	Village of *Paraskol*. A tolerably large village. Jungle.
		3 0 218	1,047·0	...	...	High ground. Hard soil. Jungle. Trackless jungle. Hard soil. Stream 10′×5′. Jungle.
		5 2 78	967·0	...	...	Village of *Jalbal*. Some garden cultivation. Wet and dry cultivation. Black soil north of village. Some open country. Stream 9′ × 3′. Village of *Kodumera*. Open country. Good camping ground. Stream 12′ × 5′.
		7 6 5	939·0	...	...	Village of *Daripali*. Open country. Some sâl trees in jungle here. Soil brown sandy clay.
		9 3 147	983·0	...	...	Jungle. Fine level ground. Light jungle. Light soil.

Statement of particulars describing Mr. Nordmann's Route, &c.—contd.

Distance from Vizagapatam	Distance between principal Stations.	Distance between Villages	Height above M. S. L.	Rise.	Fall.	Remarks.
M. F. Y.	M. F. Y.	M. F. Y.	Feet.	Feet.	Feet.	
301 0 0	...	10 7 100	1,013·0	...	34·	Village of *Birumal*. Fine open camping ground. Not good water. Stream 15′×5′. Swampy soil. Jungle. Village of *Para*.
		1 4 192	973·0	...	...	Village of *Gyran*. Large clearing. Light jungle. Dark clayey soil.
		2 4 6	973·0	...	...	Village of *Sendebatta*. Rich soil. Undulating ground. Large clearing and jungle alternating.
		3 4 0	...	...	...	Village of *Bavankela*. Stream 10′ × 4′. Extensive rice-fields. Undulating ground Stream 29′×5′.
		5 6 0	903·0	...	...	Village of *Bisora*. Light jungle and scrub. Sâl trees. Light sandy soil. Dense jungle. Many sâl trees. Light jungle. Jungle.
		8 1 39	873·0	...	...	Light soil. Slightly undulating ground.
		9 0 210	840·0	...	...	Village of *Beltikri*. Open country around, about a mile in diameter.
		11 0 23	840·0	...	...	Village of *Balasar*. Soil jungle. Quartz and kunkur.
313 3 0	...	12 3 133	918·0	...	95·	Village of *Amundi*. Clearing in a sâl jungle. Soil stiff clay.
		0 7 75	908·0	...	...	Stream, Section No. 33. Jungle.
		1 6 88	954·0	...	...	Village of *Parsoda*. Clearing in the jungle Jungle. Stream 15′ × 5′; stream 20′×5′. Soil dark sandy clay.
		4 2 212	884·0	...	...	Village of *Belenger*.
		4 5 184	849·0	...	...	Stream, Section No. 34. Grass jungle. Hard soil and stony. Stream 6′ × 3′. Black soil with cracks and holes. Stream 15′× 5′. Jungle.
		...	909·0	...	...	Good tree jungle. Stream 15′ × 5′. Soil stiff clay. Flat country.
320 2 0	76 4 74	6 7 17	899·0	...	19·	Village of *Onki*. A few miserable huts. Jungle all around.
		...	967·0	...	...	Village of *Jalbal*. Light jungle. Light clayey soil.
		1 2 94	968·0	...	...	Village of *Salia*. Open country. Little jungle. Wet and dry cultivation. Some laterite.
		2 1 108	947·0	...	...	Village of *Chanabeda*. Gardens and fields.
		2 6 71	907	...	...	Stream, Section No. 34/*a*.
		3 2 0	937	...	...	Do. do. No. 34/*b*.
		3 4 149	977	...	...	Village of *Amseri*. Wet and dry cultivation. Quartz reef running through small hill. Swampy ground
		4 4 18	957·0	...	...	.....
		5 4 109	957·0	...	...	Village of *Kopathora*. Garden and field cultivation.
		6 6 22	967·0	...	...	Village of *Mograpali*.
		8 2 27	927·0	...	...	Jong stream, Section No. 34/*c*.
304 3 0	...	9 0 58	1,010·0	111 ft.	...	Village of *Nara*. Fine camping ground. Wet cultivation. Swamp. Stream 10′ × 5′.
		2 4 11	990·0	...	...	Village of *Ukra*. Wet cultivation. Light scrub jungle. Village of *Lami*.
		4 1 153	970·0	...	...	Kandajori stream. Section No. 35. Gneiss with quartz veins.
		4 5 155	980·0	...	...	And patches of feldspar. Village of *Kumakan*. Two large tanks. Wet cultivation. Stream 20′×4′.
		5 7 94	990·0	...	...	Village of *Kulia*. Much cultivation. Black soil. Jungle. Stream 6′×3′.
		8 2 8	970·0	...	...	Village of *Puluari* in a small clearing.
		8 7 133	1,033·0	...	...	Village of *Kopli*.
315 0 0	...	10 5 57	1,083·0	73·0	...	Village of *Baghahra*. Wet cultivation. Jungle. Stream 12′ × 4′. Irregular ground. Slightly hilly.
		2 4 188	1,083·0	...	...	Jungle. Soil dark clay.
		3 7 00	1,013·0	...	...	Site of the deserted village of *Pendri*. Dense jungle. Stream 25′ × 5′. Sandy bed. Low banks. Undulating ground.
		5 5 79	983·0	...	...	Village of *Patrapali*. Stream 10′ ×4 Garden cultivation. Stream 10′ × 4′. Stream 8′×4′.

Statement of particulars describing Mr. Nordmann's Route, &c.—contd.

Distance from Vizagapatam-	Distance between principal Stations.	Distance between Villages.	Height above M.S.L.	Rise.	Fall.	REMARKS.
M. F. Y.	M. F. Y.	M. F. Y.				
		6 5 203	950·0	...	...	Stream, Section No. 36. Jungle. Stream. Section No. 37.
		7 5 125	1,002·0	...	...	Fields and gardens near the village of *Kasibara*. Stream 8′ × 3′. Stream, Section No. 38. Site of deserted village of *Aoraibabri*.
		9 2 185	942·0	...	...	Scrub jungle. Swamp. Village of *Kasibara*.
		12 0 39	952·0	...	...	Extensive garden and field cultivation.
327 7 0	...	12 6 204	1,022·0	...	61	Village of *Telibanda*. Extensive wet cultivation.
177	...					
		...	...	...	...	Jungle.
		1 1 33	982·0	...	...	Undulating ground.
		2 6 30	962·0	...	...	Village of *Mamubamcha*. Extensive cultivation. Swamp. Stream 10′ × 4′. No cultivation.
		3 7 70	942·0	...	...	Site of deserted village of *Pathripali*.
		4 0 170	934·0	...	...	Sikli stream 25′ + 8′. Sandy bed. Good banks. Dry cultivation. Stream 6′ × 3′.
		5 0 190	932·0	...	...	Village of *Arand*. Soil black and full of holes. Dry cultivation.
		6 3 38	902·0	...	...	Village of *Umarda*.
		7 1 15	...	...	...	Stream 15′ × 6′. Laterite rock for foundations. Soil light clay.
		7 6 120	932·0	...	...	Jungle. Stream 10′ × 4′. Bed laterite and gravel. Jungle and swamp.
		9 1 85	865·0	...	...	Village of *Puthripali*. Stream 10′ × 5 Wet and dry cultivation. Stream 12′ + 4′.
		10 3 182	895·0	...	...	Village of *Patiajer*. Good camping ground.
339 6 0	...	11 6 124	915 0	...	107·	Village of *Mahasamud*.
		1 3 67	875·0	...	...	Village of *Karora*. Extensive cultivation, chiefly wet. No jungle. Good topes and trees. Tanks.
		3 5 48	855·0	...	...	Village of *Belsora*. Wet cultivation. Flat country.
		5 7 184	810·0	...	...	Village of *Gorary*. Mahánadi river.
		6 4 201	...	...	...	.....
		7 6 4	933·0	...	...	Village of *Paragaon*. Soil clay. Stream 20′ × 6′. High banks. Stony bed. Limestone.
350 0 0	...	10 2 100	942·0	27·	...	Town of *Arang*. Village of *Bihikar* Open flat country, well cultivated. Black soil.
		2 6 76	963·0	...	...	Village of *Rasni*. Tanks. Tope, sugarcane and rice-fields. Ground slightly undulating. Soil laterite. All cultivation.
		5 2 27	923·0	...	...	.....
		7 2 92	923·0	...	...	*Kulham* stream, Section No. 40. Red soil. Wheat cultivation. All land under cultivation.
		10 2 21	949·0	...	...	Village of *Naogaon*. Extensive cultivation. Good camping ground. Light clay soil. Wells.
363 4 0	...	13 4 10	969·7	27·7	...	Village of *Hasaud*. All ground under cultivation, wet and dry.
		2 1 50	929·0	...	...	Village of *Sirikheri*.
		3 5 185	900·0	...	...	Village of *Jora*. All land under cultivation. Chiefly wet. Black soil.
		5 0 97	942·0	...	...	Village of *Labhandih*. Stream, Section No. 41, Black soil. Stream 15 × 6′ Black soil. Wheat and linseed.
		6 6 130	992·0	...	...	Village of *Kurwatoli*. Tank. Tope of mhowa trees.
371 5 211	76 7 193	8 1 80	962·0	...	7·7	Town of *Raipur*.

XXV.

Statement of particulars describing Mr. Nordmann's Route from Raipur (viâ Rajim, Naogarh, and Narangpur) to Kuraputy.

Distance from Raipur.	Distance between principal Stations.	Distance between Villages.	Height above M. S. L.	Rise.	Fall.	Remarks.
M. F. Y.	M. F. Y.	M. F. Y.	Feet.	Feet.	Feet.	
		...	963·0	...	...	Camp at Raipur, near the Deputy Commissioner's Office. Town of Raipur. Outside the Cantonment.
		1 4 3	963·0	...	...	Irrigation channel. Limestone rock on surface. Good road.
		3 0 146	911.0	...	...	Village of Lalgaon; tank; soil laterite.
		...	...	...	...	Village of Deopury.
		5 0 187	911·0	...	...	Village of Dumurtulae; soil laterite; covered with brown clay; wet and dry cultivation; some waste land; dark clayey soil, full of cracks and fissures.
		6 4 135	941·0	...	...	.....
		8 2 4	941·0	...	...	Village of Mana; tank, topes, garden, and well; ironstone, gravel, and red sandstone.
		10 0 75	971·0	...	...	Nembhora talas; tank. Village half a mile distant. Ironestone, gravel, and red sandstone near village of Uparwara; tank, topes, garden, and well; fields of rice and wheat.
		11 6 178	931·0	...	...	Taivar stream 20′ × 7′. Bed clay and gravel; banks well defined; laterite soil.
		13 5 17	951·0	...	...	Ghatoriah stream 15′ × 6′. Bed laterite gravel; perpendicular banks.
	14 2 137	14 2 137	1001·0	38·	...	Khandwa village; topes, gardens, and tank; soil laterite.
						Chittar stream 10′ × 5′. Muddy bed; high banks; black soil.
		1 1 130	989·0	...	...	All cultivation; very little waste land; black soil; rice and wheat fields. Kolhan stream 20′ × 10′; banks well defined; bed sand and gravel. Village of Thanoud to the right.
		2 4 160	977·0	...	...	.....
		3 4 95	989·0	...	...	Cross road going north and south. Red soil and laterite. Rice fields.
		5 3 154	971·	...	...	Village of Sunderkhera, with topes and tanks; extensive wet and dry fields; soil chocolate colored with small stones and gravel; sandy stone.
		7 1 38	952·0	...	...	Village of Parsada; a large village stream, section No. 1; soil black; topes; much linseed cultivation.
		8 5 180	946 0	...	...	Village of Ghonth. Stream 15′ × 10′. Steep banks; bed soft; soil black.
		10 1 175	955·0	...	...	Village of Paragaon, large village; groves of mango and tamarind trees; laterite rock.
		10 6 35	914·0	...	...	.....
		11 1 11	914·0	...	...	Mahánadi River, Section No. 2.
25 5 0	11 2 118	11 2 118	917·0	...	84	Village or Rajim. Mango topes; waste land; black soil; open country; topes and fields. Wheet, linseed, Bengal gram. Rice fields; tank.
		2 2 111	938·0	...	...	Village of Chobebhandha; garden cultivation; wells; much wet cultivation; some waste land.
		...	...	...	...	Village of Sindhori.
		4 2 117	928·0	...	...	Village of Baronda; light soil; gardens wet and dry fields; sugarcane, castor oil red gravelly soil; stream, section No. 3 black soil. Village of Chichudh.
		6 2 12	908·0	...	...	Village of Kuraskera; tope and large gardens; light soil.
		8 0 0	901·0	...	...	Village of Tara; gardens, topes, and small tanks; light soil; mango tope; plantation of young mango trees.
35 7 21	10 1 206	10 1 206	931·0	14	...	Village of Kopra; tank, topes, and gardens; black soil; dry crops; castor-oil trees and linseed; some waste land. Stream 10′ × 5′; high banks; soft bed.
		1 3 85	899·0	...	...	.....

Statement of particulars describing Mr. Nordmann's Route, &c.,—contd.

Distance from Raipur.	Distance between principal Stations.	Distance between Villages.	Height above M. S. L.	Rise.	Fall.	Remarks.
M. F. Y.	M. F. Y.	M. F. Y.	Feet.	Feet.	Feet.	
		2 4 25	899·0	...	...	Village of Surkunda, gardens and wells sugarcane, plantains, castor-oil, chillies, brinjals; tank; black soil; jungle. Village of Panduka; Police Station; tank.
		4 1 73	915·0	...	...	Village of Kutna; light jungle; sandstone rock cropping out. Jungle stream 9′ × 4; good banks; hard bed; much sandstone rock about.
		5 3 62	899·0	...	...	Light soil; sugarcane plantation. Stream 25′ × 8′; good banks; hard bed; jungle, with some cultivation. Rice fields.
		6 4 70	923·0	...	...	Village of Kukda. Jungle all around; standstone and gneiss and some laterite. Rice fields in jungle. Light clayey soil; scrub jungle.
		7 7 130	915·0	...	...	Gneiss rock; dense jungle; swampy soil; rudely cultivated soil alternately stony and swampy; stream 12′ × 5′; steep banks; soft bed; stream 7′ × 4′.
		9 0 0	...	...	...	.....
		9 1 160	...	...	...	Stream 9′ × 4′.
		9 2 0	...	...	...	Stream 12′ × 5′.
		9 3 25	...	...	...	Deserted village of Pahpur.
		9 4 0	939·0	...	...	Stream 9′ × 4′. Stream 9′ × 4′; broken ground; dense jungle and high grass; hill side cutting required; all rocky hill side; cutting required.
		10 6 145	...	...	...	Stream 25′ × 6′: sandy bed.
47 7 21	12 0 0	12 0 0	992·0	61·	...	Village of Bourka, a small village in a jungle clearing. Hilly jungle. Rice cultivation in a swamp. Low hill ridges on both sides; soil hard and gravelly; kunkur limestone, gneiss, and conglomerate rock.
		1 5 98	978·0	...	...	Jungle; light soil; some rock.
		2 1 6	...	...	...	Stream 10′ × 4′. Low banks; sandy bed.
		2 4 0	...	...	...	Stream 10′ × 4′.
						Do. 10′ × 4′.
		3 5 37	964·0	...	...	A large clearing in the jungle. Village of Karti on opposite side of river. Village of Kurubata; tank; extensive rice fields.
		4 4 190	...	...	...	Village of Malga on the hill side.
		5 0 144	...	...	...	Pairi River. Section No. 4. Country largely cleared. Rice, Bengal gram, sugarcane, linseed, castor-oil trees, tobacco, and wheat.
		5 2 214	1,006·0	...	...	
		6 1 0	978·0	...	...	Small tank, black soil. Village of Manjarkata; ground recently cleared and cultivated; sheet rock, gneiss.
		7 1 107	1,006·0	...	...	Village of Amdi; some cultivation; thin jungle. Flat country.
		7 6 142	...	...	...	Stream 12′ × 5′. Stream, section No. 5. Village of Paraga; good gardens; and avenue of young mango trees.
		8 5 0	...	...	...	Sheet rock; gneiss; stream 20′ × 4′.
57 2 126	9 3 105	9 3 105	1,130·0	138·	...	Deserted village of Dongriga. Stream, section No. 6. Soil alternately swampy and stony; ground level with slight undulations. Dense small jungle; stream 12′ × 3′.
		1 3 146	1,119·0	...	...	Tirnai stream, section No. 7; gneiss and quartz rock.
		1 7 0	...	...	...	Soil alternately hard and gravelly; stream 9′ × 3′; sandy loam; tall young timber; undulating ground.
		2 6 54	1,163·0	...	...	Bugai stream, section No. 8. Rising ground; stony soil; drainage channel 6′ × 4′, all jungle; hard soil; tall grass; several small drainage channels.
		4 1 40	1,207·0	...	...	Korihardi stream, 25′ × 3′. Sandy bed; hard soil; tall jungle with undergrowth high grass; hard gravelly soil; undulating ground; hill side cutting required; good matti timber abundant. Mogai stream, 16′ × 4′.

Statement of particulars describing Mr. Nordmann's Route, &c.,—contd.

Distance from Raipur.	Distance between principal Stations.	Distance between Villages.	Height above M. S. L.	Rise.	Fall.	Remarks.
M. F. Y.	M. F. Y.	M. F. Y.	Feet.	Feet.	Feet.	
		5 5 187	1,330·0	...	...	Head of Urtuli Ghât; hilly jungle and stony, irregular ground; ground flat again, only gently undulating; some grassy plots in jungle (the road need not come so high up; this summit can be circumvented).
		7 4 92	1,303·0	...	...	Patches of grass and swamps; deserted village of Joba; stream 5′ × 3′; black soil; stream 6′ × 4′; stony soil.
		9 1 172	1,324·0	...	...	All jungle; some broken and irregular ground and stony; much young sâl wood.
		10 1 152	1,240·0	...	...	Teregi stream, 15′ × 9′; all sâl jungle; some matti trees.
		11 2 170	1,264·0	...	...	Kosani stream, 20′ × 4′; rock for foundations; undulating ground; good hard soil.
		12 5 110	...	...	...	Harpali stream, 25′ × 7′; sandy bed; steep banks.
70 3 154	13 1 28	13 1 28	1,314·0	184·	...	Village of Noagarh. Jungle, irregular ground; light sandy soil, occasionally rocky.
		1 2 165	1,324·0	...	...	Summit level of rise.
		1 4 0	...	...	...	Some hill side cutting required. Murgi stream, 15′ × 4′; high grass; much young sâl.
		2 1 168	1,294·0	...	...	Terigi stream, 15′ × 7′. Abundance of quartz, pink and red.
		2 6 8	1,294·0	...	...	Bardul, a clear spot in the jungle. Ground flat and somewhat swampy.
		3 5 12	1,274·0	...	...	Satigat stream, section No. 9. Soil light sandy loam; ground nearly flat; slight undulations.
		4 2 190	...	...	...	Area of deserted fields.
		4 4 0	...	...	...	Kusmi stream, section No. 10. A temple, but surrounded with palisades.
		5 0 70	...	...	...	Village of Kusmi, a large clearing with extensive rice fields. Rich soil.
		5 4 0	...	...	...	Jungle. Young sâl; gneiss rock.
		6 4 0	...	...	...	Stream 8′ × 4′.
		6 6 0	...	...	...	Do. 8′ × 2′.
		7 5 3	1,294·0	...	...	Village of Boirga, small village fenced in, soil good; swamp; black soil. Jungle; sâl forest 10 to 15 years old. Tall grass.
		9 2 0	1,234·0	...	...	Kolbora stream, 15′ × 4′. Gneiss rock for foundation. Jungle.
		9 5 20	...	...	...	Budra stream, section No. 11. Grass 7′ to 10′ high.
		10 4 40	1,295·0	...	...	Amajori stream, 25′ × 5′. Sandy bed; no rock.
81 2 65	10 6 131	10 6 131	1,295·0	...	19	Village of Baltema; 8 huts in a wilderness.
		...	...	...	...	Low scrub jungle with young sâl and tall grass.
		0 4 0	...	...	...	.....
		...	...	...	...	Rich dark soil.
		1 2 20	1,295·0	...	...	Village of Pendra, partly deserted. Soil reddish sandy loam.
		1 6 0	...	...	...	Uneven ground. Stream 10′ × 4′.
		2 2 12	1,335·0	...	...	Village of Pendra, in a new clearing.
		2 4 0	...	...	...	Maria stream, 10′ × 3′. Uneven and broken ground; much quartz about.
		2 6 0	...	...	...	Parsapani stream, 15′ × 4′.
		3 0 70	...	...	...	Jamun stream, 9′ × 3′.
		3 5 42	1,275·0	...	...	Pulbhari stream, 25′ × 4′. Some rock for foundations; sandy bed; good banks.
		3 7 0	...	...	...	Sarai stream, 12′ × 4′. Sâl jungle; tall grass.
		4 2 50	...	...	...	Tarr stream, 20′ × 5′. Rocky bed; steep banks.
		4 3 0	...	...	...	Ground uneven, hard and stony.
		4 5 18	...	...	...	A hill of quartz.
		4 7 0	...	...	...	Chicklahi stream, 15′ × 3′. Rocky bed; pink quartz; gneiss and conglomerate.
		5 2 40	1,285·0	...	...	Deserted village of Gobra.
		5 3 0	...	...	...	Quartzose gneiss and conglomerate.
		5 7 205	1,265·0	...	...	Gogor stream, section No. 12. Good bridge; site solid rock on both sides. Wild jungle and tall coarse grass.

Statement of particulars describing Mr. Nordmann's Route, &c.—contd.

Distance from Raipur.			Distance between principal Stations.			Distance between Villages.			Height above M.S.L.	Rise.	Fall.	Remarks.
M.	F.	Y.	M.	F.	Y.	M.	F.	Y.	Feet.	Feet.	Feet.	
						6	5	50	...	...	...	Deserted village of Katipara. Flat country marshy glade jungle.
						7	4	0	...	...	...	Sheet rock; gneiss. Fine young forest, chiefly sâl.
						8	3	110	1,335·	...	...	Burrpani stream, 10′ × 4′. Stream 7′ × 3′. Wild jungle and tall grass.
						9	0	0	...	...	...	Stream 5′ × 3′. Flat ground; some swampy. Mura Cora stream, 10′ × 4′. Fine young sâl forest; stately forest; sâl and matti.
						10	3	170	1,390·0	...	...	Junction of Dhour and Sondor Rivers. Dhour River, section No. 13.
						10	6	0	...	...	...	Village of Tenai; 3 or 4 huts in a jungle clearing; abandoned rice fields; black soil; swampy.
93	2	135	12	0	70	12	0	70	1,441·0	146	...	Village of Tumaribahal; all jungle.
						0	5	92	1,441·0	...	...	Deserted village of Mudibahal; some ploughed fields.
						1	0	0	...	...	...	.....
							...		...	...	...	Ground flat; soil light and soft sandy clay; clearings and grass plots in the jungle; jungle light; drainage channel, 5′ × 3′, small swamp.
						2	4	152	1,441·0	...	...	Village of Kasror; 4 huts; 20 people; hills to the left; one point marked 2,445′ on map.
						3	0	100	...	...	...	Kamunkor stream, 15′ × 4′. Soft bed; steep banks.
						3	2	70	...	...	...	Tall rank grass; forest of sâl; ground slightly undulating. Kauribaha stream, 15′ × 5′. Soil light sandy clay.
						4	0	194	1,431·0	...	...	Tel Dhorigi stream, 20′ × 5′. Steep banks; gravelly bed.
						4	4	160	...	...	...	Village of Borpodor; 15 huts, 60 people rice fields; gardens. Katasaru stream, 25′ × 5′, converted into rice-fields.
						5	2	62	1,441·0	...	...	Kunnar stream, 20′×5′. Rocky bed; some undulating ground.
						5	7	0	...	...	...	Jhurra stream, 15′×5′. Young sâl jungle; undulating ground.
						6	5	210	1,471·0	...	...	Kaser stream, 12′×5′. Stream 8′×3′.
						7	0	0	...	...	...	Urai stream, 8′×3′. Stony undulating ground.
						7	3	146	1,482·0	...	...	Lafni ttream, 18′×5′. Rocky bed; much quartz in small fragments on the surface.
						7	7	0	...	...	...	Kissi stream, 15′×4′.
						8	3	100	1,514·0	...	...	Village of Karki; 5 huts with 25 people.
						8	6	48	...	...	...	Bag stream, section No. 14.
104	0	85	10	5	170	10	5	170	1,569·0	128	...	Village of Risgaon; 15 huts, 60 people; tamarind tope for camping; fields and gardens. Stream 20′×5′ in swamp; light jungle; some swampy ground.
						0	6	180	1,585·0	...	...	Deserted village of Kursudi. Sâl jungle with grassy glades.
						2	3	205	1,647·0	...	...	Jungle; slightly undulating ground; fine tall jungle and forest trees.
						3	5	117	1,634·0	...	...	Pandripani stream, 10′×4′.
						3	6	150	...	...	...	Soroa River, section No. 15.
						4	0	170	1,647·0	...	...	Deserted village of Gourgaon. Soil rich clay.
						4	4	145	...	...	...	Country flat; hills in front and to right. Stream 15′×5′; clayey soil; low scrub jungle and coarse grass.
						5	1	20	1,647·0	...	...	.....
							...		...	...	...	Forest; some large teak; irregular ground, undulating; sâl jungle; ground flat; good soil; jungle.
						7	0	0	1,777·0	...	...	Enter Jeypur territory. Ground flat; forest of sâl and ippa.
						7	4	0	...	...	...	Small drainage to the left, 8′×3′; swamp with black soil.
112	7	165	8	7	80	8	7	80	1,870·0	301	...	Village of Hathgaon. Swamp and rice fields; tall grass and jungle.
						0	7	86	1,910·0	...	...	Sâl jungle.

Statement of particulars describing Mr. Nordmann's Route, &c.—contd.

Distance from Raipur.			Distance between principal Stations.			Distance between Villages.			Height above M.S.L.	Rise.	Fall.	Remarks.
M.	F.	Y.	M.	F.	Y.	M.	F.	Y.	Feet.	Feet.	Feet.	
							...		...	...	...	(This rise can be circumvented by tracing along the banks of the Golaria stream, about a mile to the east.)
						1	4	109	2,010·0	...	...	.....
						2	0	57	2,020·0	...	...	Kurudadodi stream, 10′×3′. Road branches off to Kosampur; rock about.
						3	2	28	1,970·0	...	...	Jungle of tall matti and sâl.
						3	6	40	1,960·0	...	...	Golaria stream, 25×5′. Swampy glade: swampy glade; dense young sâl jungle.
						5	4	0	2,090·0	...	...	Here begins the Jeypur plateau.
						6	0	100	2,090·0	...	...	Large clearing near Kuruberra; swamp and rice fields. The champaign country of Jeypur.
						7	3	0	2,090·0	...	...	Village of Koliapodor; low scrub jungle; soil dark clay.
						8	6	80	2,070·0	...	...	.....
							...		...	...	...	Jungle; young sâl; flat country; swamp and jungle; soil less dark and heavy.
						10	5	63	2,080·0	...	...	.....
124	0	45	11	0	100	11	0	100	2,101·0	231	...	Village of Raigarh; 40 houses, 150 people; swamp jungle; soil hard brown loam; laterite and gneiss.
						1	7	125	2,055·0	...	...	Cultivated land; swamp; jungle swamp partly cultivated.
						3	2	22	2,065·0	...	...	Deserted village of Kumli. Large cultivated swamp; jungle sâl and scrub; fine forest; matti, sâl, blackwood.
						5	2	165	2,055·0	...	...	Small glade; fine forest; soil rich clay.
						6	0	0	...	...	...	Ground gently undulating; primæval forest.
						7	5	35	1,934·0	...	...	Soil light brown sandy clay.
							...		...	...	...	Sâl jungle; soil sandy loam.
						9	4	84	1,942·0	...	...	.....
							...		...	...	...	Small jungle; small jungle.
						10	4	40	...	...	...	.....
						10	5	0	1,977·0	...	...	.....
							...		...	...	...	A ledge of gneiss rock cropping out.
135	4	88	11	4	43	11	4	43	1,967·0	...	134	Village of Bera; 15 huts, 40 people
							...		...	...	...	Tel Nadi, section No. 16. Jungle and high grass.
						0	5	0	1,977·0	...	...	.....
						0	6	0	...	...	...	.....
							...		...	...	...	Primæval forest; ground slightly undulating.
						2	2	140	1,997·0	...	...	Glade.
						3	1	40	2,017·0	...	...	Village of Burja; 50 houses, 150 people.
						3	5	0	...	...	...	Poragada hills to the south; swamp.
						4	0	0	...	...	...	.....
							...		...	...	...	Scrub jungle; good soil; fields and light jungle.
						5	3	0	2,010·0	...	...	Clearing and swamp; light jungle; swamp cultivated.
						7	3	0	2,000·0	...	...	Bhaskel Nullah, section No. 17.
143	0	186	7	4	98	7	4	98	2,021·0	54	...	Village of Amorkot. Jungle; sâl.
						1	3	178	2,011·0	...	...	Jungle; some rock; light sandy loam.
						2	0	0	...	...	...	Village of Dongrigura.
						3	3	190	1,971·0	...	...	Swamp with some cultivation; rich dark soil.
						4	0	175	1,971·0	...	...	Village of Sana Borondi. Large gardens; swamp; young mango tope.
						5	1	64	1,971·0	...	...	Village of Boro Borondi.
							...		...	...	...	Large gardens.
						6	3	124	1,911·0	...	...	Nagi River, section No. 18 (reading taken in bed of stream); laterite cropping out.
						7	0	169	1,961·0	...	...	Village of Dodra. Extensive rice fields; light jungle; a tank with some rice fields; light jungle and clearings alternately.
						9	4	71	1,911·0	...	...	Village of Tetargaon. Swamp; gently undulating ground; scrub jungles swamp; small sâl jungle.
						11	6	0	1,931·0	...	...	Village of Chatagura.
						11	7	200	...	...	...	Chatringi River, section No. 19.
155	5	2	12	4	36	12	4	36	1,955·0	...	66·	Village of Bijepur, Sâl jungle; soil stiff clay; sâl jungle.
						1	4	15	1,935·0	...	...	Soil sandy.
						3	2	2	1,925·0	...	...	Large swamp, partly bunded up; village of Nakjor.

Statement of particulars describing Mr. Nordmann's Route, &c.—contd.

Distance from Raipur.	Distance between principal Stations.	Distance between Villages.	Height above M.S.L.	Rise.	Fall.	Remarks.
M. F. Y.	M. F. Y.	M. F. Y.	Feet.	Feet.	Feet.	
		4 2 20	1,895·0	...	...	
		...		...	...	Swamp; stream 9′×4′.
		5 2 175	1,875·0	...	...	Small sâl jungle.
		6 2 206	1,845·0	...	...	Bilari stream, section No. 20. (Reading taken in the bed of the stream.)
		7 4 65	1,923·0	...	...	Jungle cleared 20 feet wide for the road; fine sâl forest; undulating ground. Stream 9′×3′; swamp.
		8 7 176	1,963·0	...	...	
		...	...	...	...	Black soil; jungle; soil sandy loam; swamp.
166 3 71	10 6 69	10 6 69	1,983·0	28	...	Village of Dabgaon. Fine camping grounds.
		0 3 106	...	...	...	Ongi stream, section No. 21; jungle.
		2 0 94	1,983·0	...	...	Village of Moideri. Undulating ground; swamp; fine sâl forest.
		3 0 0	1,973·0	...	...	Drain 5′×3′.
		...	...	...	...	Jungle; swamp.
		4 1 117	1,973·0	...	...	Undulating ground; jungle; sandy soil.
		5 2 23	1,953·0	...	...	Village of Barigura.
		6 6 130	1,913·0	...	...	Village of Jerabahal. Swamp.
		7 1 43	1,893·0	...	...	Basni stream, section No. 22. Swamp; small sâl jungle; sandy soil.
		9 4 155	1,953	...	...	Summit of rising ground; small sâl jungle; swamp.
		10 6 0	1,902·0	...	...	Turi stream, section No. 23.
177 3 137	11 0 66	11 0 66	1,922·0	...	61	Village of Paparhandi; 100 houses, 400 people; old mud fort and stone temple; good camping ground.
		...	...	...	...	Fine tree jungle and swamp; rising ground.
		1 1 59	1,972·0	...	...	Red soil; swamp; stream 10′×5′; scrub jungle.
		2 6 4	1,892·0	...	...	Swamp cultivated.
		3 0 32	1,870·0	...	...	Gantat River, section No. 24.
		4 1 19	1,944·0	...	...	Top of rise; scrub jungle; swamp; swamp.
		6 0 18	1,912·0	...	...	Fine mango tope; avenue for two miles, laterite rock; mango tope; avenue.
185 4 110	8 0 193	8 0 193	1,918·0	...	4	Village of Narangpur; 650 houses, 4,000 people; camp at Narangpur; town of Narangpur; extensive rice fields; mango topes. Village of Barabukli; stream 25′×8′; muddy banks and bed.
		1 3 202	...	...	...	Soil red; some laterite.
		1 5 63	1,864·0	...	...	Indrabati River, section No. 25. Some light jungle; dry crops, Bengal gram, dâll, and tobacco; rice fields.
		3 0 81	1,864·0	...	...	
		...	...	...	...	Enter jungle; rising ground; some laterite gravel.
		3 5 81	1,918·0	...	...	Summit of rise.
		4 0 94	1,882·0	...	...	Foot of slope.
		4 6 84	1,882·0	...	...	
		...	...	...	...	Jungle.
		5 3 146	1,936·0	...	...	Summit of ascent, soil red, gravel.
		...	...	...	...	Small jungle.
		6 0 0	...	...	...	Stream 7′ × 3′; swamp; jungle.
		7 6 137	1,927·0	...	...	On shoulder of big hill; soil brown clay; light jungle.
		7 7 95	1,882·0	...	...	Paddy flat; village of Porli; 30 houses, 120 people.
194 1 210	8 5 100	8 5 100	1,873·0	...	45	Camp at Porli; cultivated swamp; stream 30′ × 10′; steep soft banks; soil sandy loam.
		1 2 172	1,913·0	...	...	Undulating ground; long glade to the left: fine mango tope; topes, fields, and swamps.
		2 2 138	1,913·0	...	...	Soil clay; rice-fields.
		3 1 70	1,903·0	...	...	Swamp cultivated.
		4 0 73	1,953·0	...	...	Village of Boriguma; 100 houses; bungalow of mud and thatch.
		4 6 136	1,953·0	...	...	Near the village of Dullaguda; swamp and jungle; heavy clayey soil.
		5 6 147	1,983·0	...	...	Undulating country; mango topes; rice fields; swamp.
		7 1 100	1,982·0	...	...	Hilly country with swamp; rice fields.

Statement of particulars describing Mr. Nordmann's Route, &c.—contd.

Distance from Raipur.	Distance between principal Stations.	Distance between Villages.	Height above M.S.L.	Rise.	Fall.	Remarks.
M. F. Y.	M. F. Y.	M. F. Y.	Feet.	Feet.	Feet.	
202 7 208	8 5 218	8 5 218	1,981·0	108	...	Camp near the village of Pupagáon; light jungle; soil stiff brown clay.
		1 0 80	2,041·0	...	...	Summit of ascent, light jungle with patches of cultivation; soil stiff clay. Village of Kumerput, swamp made into fields. Village of Kebeddy.
		2 6 20	1,971·0	...	...	Telingiri river; Section No. 26; near Cheptaamb, site of former village. Stream, rice fields on sloping ground; rain fed; many mhówa trees. Village of Boriput; dry cultivation.
		4 3 30	2,017·0	...	...	Soil dark brown clay; hills on both sides; irregular ground; rocky; road is on hill side; cutting alongside Telingiri river.
		6 1 200	2,037·0	...	...	Stream 15′ × 6′; hilly jungle on the bank of the Telingiri river.
210 0 72	7 0 84	7 0 84	2,017·0	36	...	Village of Ránigar, five huts. Telingiri river; hill stream 10′ × 4′; hill side road; jungle; some clearing; hard rocky soil.
		1 0 200	2,094·0	...	...	Bifurcation of roads to Mádéoputi and Kuraputi; uneven ground; some cutting and embanking required; stream 12′ × 4′; soil soft clay; some rock.
		1 7 125	2,061·0	...	...	All hill side cutting; stony hill side; hard soil; good jungle; fine sâl and matti trees.
		2 4 0	...	...	...	Stream 12′ × 4′. Stony bed and banks.
		2 4 207	2,105·0	...	...	On river bank, Section No. 27.
		2 6 173	2,105·0	...	...	Young mango tope; fields; village of Musaput; stony stream 12′ × 4′. The hill side partly cultivated, chiefly with castor-oil trees. Stream 12′ × 4′.
		4 2 150	2,160·0	...	...	Village of Bandakatra; ten houses with gardens; stream 15′ × 4′; stony soil; stony and swampy stream.
		5 4 40	2,314·0	...	...	Mango tope; broad flat saddle.
		5 7 100	2,380·0	...	...	Village of Panasput. Tank for drinking water; soil red gravel; stony stream; fine mango trees.
		6 6 25	2,457·0	...	...	Soil red sandy loam; small mango grove. Plateau.
		7 4 180	2,457·0	...	...	Village of Mádéoputi; 30 houses; tamarind and mango topes; no jungle; much dry cultivation.
		8 6 108	2,479·0	...	...	Village of Muchra. Stream 20′ × 5′; soil yellow clay with sand; stream 12′ × 4′.
220 0 27	9 7 175	9 7 175	2,520·0	503	...	Village of Mastiput.
223 4 27	3 4 0	3 4 0	2,900·0	380	...	Village of Kuraputi.

XXVI.

Statement of particulars describing Mr. Nordmann's Route from Mastiput across the Jeypur Plateau and down the Eastern Ghâts to Sálúr.

Distance from Vizagapatam.	Distance between principal Stations.	Distance between Villages.	Height above M.S.L.	Rise.	Fall.	Remarks.
M. F. Y.	M. F. Y	M. F. Y.	Feet.	Feet.	Feet.	
		...	2,520·0	...	...	Near the village of Mastiput.
		...	...	...	...	Along the banks of the Kuradi.
		1 1 92	2,560·0	...	...	Low hills on the left.
		...	...	...	...	Low scrub jungle, hard light soil.
		1 2 0	...	...	...	Stream 25′ × 8′. Ground somewhat irregular.
		...	...	...	...	Hilly and irregular ground, stony.
		2 5 0	...	...	...	Stream 8′ × 5′.
		2 6 47	2,670·0	150	...	.....

Statement of particulars describing Mr. Nordmann's route, &c.—contd.

Distance from Vizagapatam.	Distance between principal Stations.	Distance between Villages.	Height above M.S.L.	Rise.	Fall.	Remarks.
M. F. Y.	M. F. Y.	M. F. Y.	Feet.	Feet.	Feet.	
		...	...	...	...	Stony hill side.
		...	...	...	...	Sandy brown clay.
		...	...	...	...	No cultivation since; Mastiput.
		...	...	...	...	Rock
		3 6 52	2,880·0	210	...	Limka saddle.
						(Note.—By keeping along the hill-side *above* the village of Mastiput the gradient to the saddle can be considerably eased.)
		4 0 0	...	...	...	Stream 25′ × 9′.
		...	...	...	...	Soil clay, rather stony.
		...	...	...	...	Stream 18′ × 7′.
		...	...	...	...	Dry cultivation.
		5 0 76	2,830·0	...	...	Village of Nigamangura.
		...	...	...	...	Rice fields.
		...	...	...	...	Stream 25′ × 7′.
		...	...	...	...	Join the high road from Kuraputi to Potinghi.
		5 6 92	2,799·0	...	...	.....
		6 6 195	2,759·0	...	...	Village of Dumriput.
		...	...	...	...	Karandi stream 30′ × 9′. Soft clay banks, muddy bed.
	7 7 143	7 7 143	2,779·0	...	101	On the high road near Chikapar bridge.
		...	...	...	...	Karandi stream, Section No. 1.
		...	...	...	...	Dry crops.
		...	...	...	...	No jungle.
		...	...	...	...	Soil stiff clay.
		1 4 165	2,869·0	...	...	.....
		...	...	...	...	Scrub jungle.
		2 6 193	2,949·0	...	...	Saddle.
		...	...	...	...	Stream 12′ × 4′.
		...	...	...	...	Dry cultivation.
		...	...	...	...	No jungle.
		4 5 76	2,869·0	...	...	Near the old Semligurah Police Station.
						(Descent from the saddle can be made at an easier gradient than that of the present road.)
		5 7 11	2,839·0	...	...	Stream 30′ × 8′. Steep soft banks, sandy bed, no rock.
		...	...	...	...	Wet and dry cultivation.
		...	...	...	...	No jungle.
		...	...	...	...	Soil brown clay, laterite rock below surface
		7 0 70	2,840·0	...	...	Stream 24′ × 8′. Steep clayey banks, some jungle.
		8 5 99	2,895·0	...	...	Light scrub jungle.
		9 0 143	...	...	...	Stream 45′ × 7′. Section No. 2.
	9 3 103	9 3 103	2,870·0	91	...	Camp Doliamb.
		...	...	...	...	Stream 25′ × 10′. Steep clay banks, bed sand with shingle.
		...	...	...	...	Some dry cultivation.
		1 4 187	2,780·0	...	...	Leave the road.
		3 0 145	2,840·0	...	...	Village of Kundili.
		...	...	...	...	Ample wet cultivation.
		3 4 206	2,745·0	...	...	Stream 35′ × 9′. Section No. 3.
		...	...	...	...	Village of Temba.
		4 5 22	2,780·0	...	...	Village of Dusra on the right.
		...	...	...	...	In a narrow valley.
		...	...	...	...	Cross track from Potinghi to Nandapur.
		5 5 60	2,745·0	...	...	Stream 25′ × 8′.
		5 7 173	2,780·0	...	...	Near the village of Kirijola Dusra, dry cultivation, ragi, plantain and castor-oil trees.
		...	...	...	...	Hills and jungle all round.
		...	...	...	...	Some hill-side cutting required.
		7 3 209	2,840·0	...	...	Passing between { Deo Potinghi. Sargigura
		...	...	...	...	Dry cultivation.
		9 0 35	2,795·0	...	...	Village of Deo Potinghi, thin scrub jungle and stunted dates.
		9 6 35	2,975·0	...	...	Pass through a gorge.
		...	...	...	...	Hill-side cutting required.
		...	...	...	...	Flat ground, broken here and there.
	11 4 90	11 4 90	3,190·0	320	...	Dokrigat saddle.
						(Note.—The section shows chiefly the present track; an easier line for a road can of course be traced along the hill-side.)

Statement of Particulars describing Mr. Nordmann's Route, &c.—contd.

Distance from Vizagapatam.	Distance between Principal Stations.	Distance between Villages.	Height above M. S. L.	Rise.	Fall.	Remarks.
M. F. Y.	M. F. Y.	M. F. Y.	Feet.	Feet.	Feet.	
		...	...	...	...	Stream.
		2 0 42	3,017·0	...	...	Village of Pukeli to the right.
		...	...	...	...	Village of Pukeliguda.
		...	...	...	...	Some dry cultivation.
		3 7 12	3,185·0	...	5	Pukeli saddle.
		4 1 148	3,150·0	...	...	Stream 12′ × 4′.
		...	...	...	...	Hilly jungle.
		...	...	...	...	Soil brown clay.
		5 1 92	...	...	...	.....
		...	...	...	...	Jungle and dry cultivation.
		5 6 152	3,190·0	...	...	Stream 15′ × 4′.
		...	...	...	...	Dry cultivation and jungle.
		6 5 52	3,210·0	...	...	Opposite village of Chandka.
		...	...	...	...	Light soil.
		...	...	...	...	Dry cultivation.
	7 6 92	7 6 92	3,250·0	65	...	Merialpád saddle.
		...	2,870·0	...	...	Camp at Doliamb.
		3 0 145	2,840·0	...	...	Village of Kundili.
						(This line represents the fall of the Kolab river between Pukeli and Kundili.)
	12 0 0	12 0 0	3,017·0	...	...	Village of Pukeli.
		...	3,250·0	380	...	Merialpád saddle.
						(This line represents a trace that can be made along the hill-side at a gradient of 1 in 76 between the termini—distance 15 miles.)
	15 0 0	15 0 0	2,213·0	...	...	Páchipenta saddle.
		...	3,250·0	1,037	...	Merialpád saddle.
		2 4 0	3,107·0	...	...	Merialpád cutting.
	9 6 0	9 6 0	2,600·0	...	650	Lávidy saddle.
						(This line represents the gradient of a trace that can be made along the hill-side between termini at 1 in 75 feet, distance 5½ miles.)
	5 4 0	5 4 0	2,213·0	...	397	Páchipenta saddle.
		...	2,600·0	...	...	Lávidy saddle.
						(Gradient 1 in 126.)
		2 4 0	2,494·0	...	...	High Sánkipenta.
						(Gradient 1 in 100.)
	8 0 0	8 0 0	2,213·0	...	...	Páchipenta saddle.
						(Fall 1,443′, gradient 1 in 50=distance 14 miles.)
						(This line is meant to be traced along the rocky hill-side on which the new Potinghi Ghât from Ródavalsa downwards is now being constructed.)
	14 0 0	14 0 0	770·0	...	1,443	Foot of hills 4 miles north-west of Sálúr.
		...	3,250·0	...	...	Merialpád saddle (gradient 1′ in 92′.)
		2 4 0	3,107·0	...	...	Merialpád cutting on new Potinghi Ghât (gradient 1′ in 50′.)
		16 4 0	1,622·0	...	...	Wondranghy stream; level of roadway over viaduct.
		...	1,472·0	...	...	Viaduct.
		...	...	...	...	Northern entrance to tunnel.
		...	2,001·0	...	1,249	Ródavalsa saddle.
	17 1 66	17 1 66	1,620·0	...	...	Southern entrance to tunnel.
		...	1,622·0	...	379	Ródavalsa tunnel (fall 852 feet; gradient 1 in 50, length 8=⅓ mile.)
	8 1 0	8 1 0	770·0	...	852	Foot of hills.
		...	3,250·0	...	...	Merialpád saddle (fall 143′; gradient 1 in 92, distance=2½ miles.)
		2 4 0	3,107·0	...	143	Merialpád cutting (on the new Potinghi Ghât.)
						(Fall 1,485′, gradient 1 in 35, length 10 miles.)
	12 4 0	12 4 0	1,622·0	...	1,485	Beginning of viaduct.
		...	1,622·0	...	...	Ródavalsa tunnel.
						(Fall 852 feet, gradient 1 in 35′, distance 5½ miles.)
	5 5 74	5 5 74	770·0	...	852	Foot of the hills; fall 201′ (gradient 1′ in 105′; length 4 miles.)
						(Note.—This section answers for all the ghât lines, coming down from Merialpád saddle.)
	4 0 0	4 0 0	569·0	...	201	Town of Sálúr.

Statement of Particulars describing Mr. Nordmann's route, &c.—concld.

Distance from Vizagapatam.	Distance between Principal Stations.	Distance between Villages.	Height above M. S. L.	Rise.	Fall.	Remarks.
M. F. Y.	M. F. Y.	Feet.	Feet.	Feet.	Feet.	
		...	1,622·0	...	...	Southern entrance to tunnel.
		1,000·0	2,001·0	...	...	Ródavalsa saddle.
		2,000·0	1,622·0	...	...	Northern entrance to tunnel.
		2,750·0	1,472·0	...	...	.....
	0 5 66½	3,500·0	1,622·0	...	379	Wondranghy rock.
		M. F. Y.				(a)
		3,250·0	...	...	...	Merialpád saddle (gradient 1 in 76).
		15 0 0	2,213·0	...	1,037	Páchipenta saddle (1 in 50).
		29 0 0	770·0	...	1,443	Foot of hills (1 in 105).
	33 0 0	33 0 0	569·0	...	201	Sálúr.
						(b)
		3,250·0	...	...	...	Merialpád saddle (1 in 92).
		2 4 0	3,107·0	...	...	Merialpád cutting.
		9 6 0	2,600·0	...	650	Lávidy saddle (1 in 125).
		12 2 0	2,494·0	...	...	High Sánkipenta (1 in 100).
		17 6 0	2,213·0	...	387	Páchipenta saddle (1 in 50).
		31 6 0	770·0	...	...	Foot of the hills (1 in 105).
	35 6 0	35 6 0	569·0	...	1,644	Sálúr.
						(c)
		3,250·0	...	...	...	Merialpád saddle (1 in 92).
		2 4 0	3,107·0	...	...	Merialpád cutting.
		9 6 0	2,600·0	...	650	Lávidy saddle (1 in 75).
		15 2 0	2,213·0	...	387	Páchipenta saddle (1 in 50).
		29 2 0	770·0	...	...	Foot of hills (1 in 105).
	33 2 0	33 2 0	569·0	...	1,644	Sálúr.
						(d)
		3,250·0	...	...	...	Merialpád saddle (1 in 92).
		2 4 0	3,107·0	...	...	Merialpád cutting (1 in 50).
		16 4 0	1,622·0	...	...	Wondranghy stream.
		17 1 66	1,622·0	...	1,698	Ródavalsa tunnel (1 in 50).
		45 2 66	770·0	...	...	Foot of hills (1 in 105).
	29 2 66	29 2 66	569·0	...	1,053	Sálúr.
						(e)
		3,250·0	...	...	...	Merialpád saddle (1 in 92).
		2 4 0	3,107·0	...	...	Merialpád cutting (1 in 35).
		12 4 0	1,622·0	...	...	Wondranghy stream.
		13 1 67	1,622·0	...	...	Ródavalsa tunnel (1 in 35).
		19 0 67	770·0	...	...	Foot of the hills (1 in 105).
	23 0 67	23 0 67	569·0	...	2,681	Sálúr.
						(f)
		2,017·0	...	...	...	Ranigár.
		1 0 200	2,094·0	...	...	.....
		1 7 128	2,061·0	...	...	.....
		2 4 207	2,105·0	...	...	.....
		4 2 150	2,160·0	...	...	.....
		5 4 40	2,314·0	...	...	.....
		6 6 25	2,457·0	...	...	.....
		7 4 180	2,457·0	...	...	.....
		8 6 108	2,479·0	...	...	.....
		9 7 175	2,529·0	503	...	Mastiput.
		11 1 27	2,560·0	...	...	.....
		12 4 175	2,670·0	...	...	.....
		13 6 7	2,880·0	360	...	Limka saddle.
		15 0 31	2,830·0	...	...	.....
		16 6 150	2,759·0	...	...	.....
	17 7 98	17 7 98	2,779·0	...	101	Near Chikapar bridge.

XXVII.

Statement of Particulars describing Mr. Cormac's Route from Comellypettah (via *Singapore*) *to Lonjigar.*

Distance from Vizagapatam.	Distance between Principal Stations.	Distance between Villages.	Height above M.S.L.	Rise.	Fall	Remarks.
M. F. Y.	M. F. Y.	M. F. Y.	Feet.	Feet.	Feet.	
		...	703·0	...	...	Village of Comellypettah.
		...	...	...	...	Stream 50′ × 9′.
		1 2 146	703·0	...	....	.....

Statement of particulars describing Mr. Cormac's Route from Comellypettah, &c.—contd.

Distance from Vizagapatam.	Distance between principal Stations.	Distance between Villages.	Height above M.S.L	Rise.	Fall.	Remarks.
M. F. Y.	M. F. Y.	M. F. Y.	Feet.	Feet.	Feet.	
		1 6 26	...	...	...	Stream 30′ × 10′. Sandy bed; banks well defined; country broken by ravines; low jungle.
		2 1 36	703·0	...	...	.....
		...	...	...	...	Stream 30′ × 10′. Sandy bed; banks well defined; country broken by ravines; low jungle.
		2 7 106	726·0	...	...	Dry cultivation.
		3 [illegible] 116	753·0	...	...	Wet and dry cultivation.
		5 0 180	803·0	...	...	Ground well cultivated; generally dry.
		5 6 157	...	...	...	Stream 40′ × 6′. Sandy bed; banks not well defined.
		6 0 142	845·0	...	...	.....
		...	...	...	...	Ground highly cultivated and irrigated by channels.
	7 0 120	7 0 120	835·0	132	...	Village of Dorabada, extensive area of wet cultivation to east. Stream 6′×4′.
		0 4 115	835·0	...	...	.....
		0 7 10	...	...	...	Stream 20′ × 6′. Sandy bed; banks not well defined.
		1 1 201	...	...	...	Ground highly cultivated; generally dry. Village of Rampoorum.
		2 0 68	817·0	...	...	Stream 15′ × 4′.
		2 2 5	...	...	...	Side lying ground, highly cultivated, partly irrigated.
		2 7 108	869·0	...	...	Stream 40′ × 8′, at bottom of ravine. Sandy bed; banks not well defined.
		3 0 118	826·0	...	...	
		3 1 121	869·0	...	...	
		...	...	...	...	Dry cultivation to east.
		4 1 96	835·0	...	...	.....
		...	...	...	...	Dry cultivation to east.
		5 3 58	922·0	...	...	Saddle. Small hills on each side.
		...	...	...	...	Jungle village of Beijah. Ballagondah.
		6 1 26	904·0	...	...	Stream 20′ × 8′.
		[illegible]	[illegible]	...	...	[illegible]
		7 3 147	932·0	...	...	[illegible]
		7 4 159	932·0	...	...	Stream 15′ × 8′.
		7 5 130	903·0	...	...	Dry cultivation, village of Dammanimmah.
		7 6 144	932·0	...	...	.....
		8 4 52	962·0	...	...	Village of Shikarpoy away to the left.
		9 0 52	992·0	...	...	Camp near Shikarpoy.
	9 1 47	9 1 47	992·0	157	...	Stream 16′ × 8′. Sandy bed.
		0 1 110	...	...	...	Village of Davalabaddy.
		0 3 0	...	...	...	Stream 15′ × 6′.
		0 4 88	...	...	...	Stream 20′ × 8′. Rocky bed.
		0 7 190	952·0	...	...	Village of Boodagoodah. Nagavully river parallel to road, whole width of valley cultivated.
		1 1 135	...	...	...	Stream 20′ × 6′. Shingly bed. Valley about 2¼ miles broad. Wholly cultivated; all dry.
		2 2 175	992·0	...	...	.....
		2 5 110	...	...	...	Stream 30′ × 6′. Sandy bed; extensive wet cultivation; land irrigated.
		3 2 24	982·0	...	...	Temple at Narainpoorum.
		4 0 60	1,010·0	...	...	Stream 40′ × 10′.
		4 1 186	972·0	...	...	.....
		4 2 146	1,010·0	...	...	Village of Koseegooda; castor-oil, hemp, linseed, gram.
		...	...	...	...	Stream 30′ × 8′. Rocky bed.
		5 0 80	1,012·0	...	...	
		5 1 166	932·0	...	...	
		5 2 100	1,012·0	...	...	Camp near Singapore. Small town of Singapore.
		6 2 32	997·0	...	...	.....
		7 0 80	997·0	...	...	Nagavully river, banks not well defined, 3 spans required, 40′ × 12′.
		7 0 185	992·0	...	...	.....
		7 1 180	...	...	...	Town of Singapore, on left bank of Nagavully river; dry cultivation.
	7 2 25	7 2 25	997	5	...	

Statement of particulars describing Mr. Cormac's Route from Comellypettah, &c.—contd.

Distance from Vizagapatam.	Distance between principal Stations.	Distance between Villages.	Height above M.S.L.	Rise.	Fall.	Remarks.
M. F. Y.	M. F. Y.	M. F. Y.	Feet.	Feet.	Feet.	
		1 0 63	1,047·0	...	...	Dry cultivation; jungle recently cleared.
		2 0 0	1,057·0	...	...	Ditto ditto.
		2 3 10	...	...	...	Dry cultivation.
		2 7 165	1,067·0	...	...	Dry cultivation to west; jungle to east. Recently cleared.
		3 7 145	1,077·0	...	...	Sâl forest.
		...	1,158·0	...	...	Bondesor and Lonjigar roads diverge from this point.
		4 3 190	1,097·0	...	...	Palkonianah.
		4 4 160	1,037·0	...	...	Stream 60′ × 12′. Sandy bed, banks not well defined.
		4 5 150	1,097·0	...	...	.....
		...	...	...	...	Jungle.
		5 1 96	...	...	...	Palkonianah; extensive area under cultivation near village.
		5 2 90	1,097·0	...	...	.....
		5 3 5	1,037·0	...	...	Stream 60′ × 10′. Rocky bed, banks not well defined.
		5 4 0	1,097·0	...	...	.....
		5 6 60	...	...	...	Stream 20′ × 6′. Jungle.
		6 1 12	1,147·0	...	...	.....
		...	...	...	...	Dry cultivation in patches here and there.
		6 6 150	1,167·0	...	...	Stream 20′ × 6′. Stony bed.
		6 6 210	...	...	...	.....
		7 2 30	1,275·0	...	...	Dense jungle.
		7 5 90	1,295·0	...	...	Fine forest.
		8 1 60	1,355·0	...	...	Stream 30′ × 8′. Rocky bed, banks not well defined; dense jungle.
		8 6 150	1,515·0	...	...	Stream 30′ × 8′. Rocky bed.
		9 7 145	1,515	...	...	Do. 15′ × 6′.
		10 0 10	...	...	...	Do. 20′ × 8′.
		10 3 35	1,565	...	...	Dry cultivation.
	10 5 115	10 5 115	1,602·0	605·	...	Village of Tirmai. Dense jungle.
		1 0 20	1,562·0	...	...	Much large sâl, yegi, and matti.
		...	...	...	...	Fine forest.
		2 0 0	1,597·0	...	...	.....
		...	...	...	...	Forest.
		3 0 10	1,527·0	...	...	Small patch of cultivated ground. Forest.
		3 5 196	...	...	...	Village Narraindroog. Large area cultivated round village, principally sugarcane.
		4 4 76	1,452·0	...	...	Wet cultivation; some topes of mango trees.
		5 6 68	1,386·0	...	...	Stream 40′ × 12′. Bongsdara river, banks well defined; bed stony.
	6 1 190	6 1 190	1,396·0	...	206	Camp near the town of Lonjigar.

XXVIII.

Statement of particulars describing Mr. Cormac's Route from Palkonianah (near Singapore) viâ Músa Ghât to Bogor.

Distance from Vizagapatam.	Distance between principal Stations.	Distance between Villages.	Height above M. S. L.	Rise.	Fall.	Remarks.
M. F. Y.	M. F. Y.	M. F. Y.	Feet.	Feet.	Feet.	
		...	1,158·0	...	...	Near the village of Palkonianah.
		...	...	...	...	Jungle.
		0 5 0	1,208·0	...	...	Village of Chothopoor. Jungle.
		1 1 115	1,208·0	...	...	Dry cultivation.
		1 4 0	1,168·0	...	...	.....
		1 4 150	1,158·0	...	...	Patches of wet cultivation.
		1 6 100	1,198·0	...	...	Village of Moondeegoodah.
		2 3 25	1,208·0	...	...	.....
		2 4 0	...	...	...	San river 60′ × 10′, banks well defined; bed sandy.
		2 6 110	...	...	...	.....
		2 5 145	1,198·0	...	...	.....
		3 4 0	1,228·0	...	...	Wet cultivation to east; hills on west.

Statement of particulars describing Mr. Cormac's Route, &c.—contd.

Distance from Vizagapatam.	Distance between principal Stations.	Distance between Villages.	Height above M. S. L.	Rise.	Fall.	Remarks.
M. F. Y.	M. F. Y.	M. F. Y.	Feet.	Feet.	Feet.	
		3 7 0	1,238·0	...	...	Ghât commences.
		4 2 90	1 338·0	...	...	First saddle.
		4 5 25	1,388·0	...	...	Skirting hill side.
		5 0 30	1,468·0	...	...	Second saddle.
		5 1 0	...	...	...	.....
		...	...	...	...	Mango tope.
		5 3 140	...	...	...	Village of Bijepur. Several acres of dry cultivation near village.
		6 0 175	1,478·0	...	...	.....
		6 1 160	...	...	...	Small stream 15′ × 6′. Rocky bed.
		6 5 10	...	...	...	Village of Koranmunda; extensive area of dry cultivation near village.
		7 0 100	1,528·0	...	...	Low jungle; patches of cultivation.
		7 4 150	1,588·0	...	...	Jungle, gravelly soil.
		8 6 55	1.688·0	...	...	.....
		9 2 65	1,708·0	...	...	Stream 20′ × 6′. Bed gravel.
		9 4 0	1,757·0	599	...	Camp near Kundru.
		0 2 200	...	...	...	Stream 12′ × 8′.
		1 0 25	1,817·0	...	...	.....
		1 2 180	1,847·0	...	...	Jungle.
		1 7 80	1,937·0	...	...	.....
		2 0 200	2,047·0	...	...	Head of Músa Ghât.
		...	...	...	...	Dense jungle.
		2 5 40	1,667·0	...	...	Forest.
		3 2 115	1 277·0	...	...	Do.
		4 1 5	1,177·0	...	...	Do.
		4 7 15	1,067·0	...	...	Do.
		5 2 5	1,017·0	...	...	.....
		...	...	...	...	Forest.
		6 1 40	1,010·0	...	...	.....
	6 6 100	6 6 100	915·0	...	842	Camp at Majigaon in the jungle near a small clearing in the forest. Forest.
		0 6 50	...	...	...	.....
		0 7 120	895·0	...	...	Side lying ground rocky.
		...	...	...	...	Forest.
		2 0 190	815·0	...	...	Cleared to some extent.
		2 7 170	775·0	...	...	.....
		3 3 180	720·0	...	...	Black cotton soil, small area of wet cultivation.
		4 0 70	...	...	...	Jungle, forest sâl and matti.
		4 7 80	745·0	...	...	.....
		5 2 100	725·0	...	...	Patna river 40′ × 8′; bed stony; banks not well defined.
		5 7 65	715·0	...	...	Soil light and sandy.
		6 7 80	785·0	...	...	Forest. Chiefly matti and sâl trees.
		7 4 12	715·0	...	...	Stream 20′ × 6′. Stony bed.
		8 1 0	...	...	...	.....
		...	...	...	...	Forest.
		9 1 130	695·0	...	...	.....
		9 2 64	...	...	...	Stream 40′×8′. Bed sandy; banks well defined.
		9 5 210	695·0	...	...	Village of Beheragura.
		10 0 132	...	...	...	Stream 18′ × 6′.
		10 4 0	695·0	...	...	Low jungle.
		11 1 0	705·0	...	...	.....
	11 3 140	11 3 140	729·0	...	186·	Town of Bondesor, called Bhavanipatnam, the capital of Kalahundy.
		0 6 80	739·0	...	...	Emerging from the town of Bondesor.
		1 1 60	...	...	...	.....
		...	...	...	...	Wet cultivation.
		...	...	...	...	Do.
		2 2 0	729·0	...	...	Stream 12′×6′. Sandy bed, banks not well defined.
		2 5 20	...	...	...	Stream 9′ × 6′.
		2 6 0	...	...	...	Do. 18′ × 6′. Stony bed.
		3 2 50	727·0	...	...	Open country, well cultivated.
		...	...	...	...	A large area under sugar cane.
		3 4 20	...	...	...	.....
		4 7 110	727·0	...	...	Well-cultivated ground.
		5 6 170	637·0	...	...	Village of Bijepur.
		6 4 60	637·0	...	...	Abandoned fields and deserted village.
		7 4 0	597·0	...	...	Stream 20′ × 6′. Sandy bed, banks not well defined.
		4 45	597·0	...	...	Town of Dadpur.
		0 4 0	597·0	...	...	Stream 12′×8′. Wet cultivation to east.
		1 0 40	597·0	...	...	Cultivation in patches here and there.

Statement of particulars describing Mr. Cormac's Route, &c.—contd.

Distance from Vizagapatam.	Distance between principal Stations.	Distance between Villages.	Height above M. S. L.	Rise.	Fall.	Remarks.
M. F. Y.	M. F. Y.	M. F. Y.	Feet.	Feet.	Feet.	
		2 2 66	597·0	...	...	Village of Karriky, surrounding country all waste land.
		...	...	...	...	Side lying ground.
		3 2 140	637·0	...	...	Low saddle.
		3 5 70	590·0	...	...	Dry cultivation.
		4 5 10	548·0	...	...	River 80′ × 15′. Sandy bed, banks well defined.
		...	...	...	...	Ground more or less rocky.
		...	...	...	...	Low lying ground; rice fields.
	13 4 215	6 0 170	558·0	...	171	Village of Komari.
		...	...	...	...	Patches of wet cultivation.
		1 1 194	558·0	...	...	Cultivated; surrounded by partially cleared jungle.
		..	...	...	...	Do. do.
		2 3 30	558·0	...	...	.....
		2 4 0	550·0	...	...	River 50′ × 6′. Stony bed, banks not well defined.
		3 2 70	560·0	...	...	About 6 acres of wet cultivation near Jujrang; long grass.
		4 1 20	560·0	...	...	Small patches of cultivation in partially cleared jungle.
		...	...	...	...	Jungle partially cleared; kunkur limestone in abundance.
		5 4 0	600·0	...	...	Village of Uthekela.
		6 1 100	600·0	...	...	.....
		7 0 152	600·0	...	...	High grass jungle.
		8 4 70	608·0	...	...	Village of Boria. Wet cultivation to east.
		9 1 130	538·0	...	...	River. Ret Noi (250×15).
		10 1 150	628·0	...	...	High ground all cleared; patches of cultivation here and there.
		10 7 150	608·0	...	...	Village of Borimpodor; dry cultivation near.
		11 7 105	620·0	...	...	Village of San-kesinga; dry cultivation near.
		13 0 0	608·0	...	...	.....
	13 2 20	13 2 20	628·0	70	...	Camp at Bogor.

XXIX.

Statement of Particulars describing Mr. Cormac's Route from Raipur (viâ Dhamtari) to Omorkot distance 150½ miles.

Distance from Raipur.	Distance between Principal Stations	Distance between Villages.	Height above M.S.L.	Rise.	Fall.	Remarks.
M. F. Y.	M. F. Y.	M. F. Y.	Feet.	Feet.	Feet.	
		...	963·0	...	...	Raipur; near the Deputy Commissioner's Office. Town of Raipur. Large tank.
		1 0 180	972·0	...	...	Just outside Raipur; near the cemetery. Tank. Road branches off east to Rajim. Native Infantry Rifle Range. Uncultivated land.
		2 5 156	952·0	...	...	.....
		3 4 130	912·0	...	...	Village of Boria Khoord. Large tank and fine tamarind trees; stream 12′ × 8′; bridged. Wheat and linseed cultivation.
		5 3 200	892·0	...	...	Stream 24′ × 8′; bridged; sandy bed and well-defined clay banks. Avenues planted. Wheat and linseed cultivation.
		7 1 20	902·0	...	...	Stream bridged. Wheat and linseed cultivation. Stream 20′ × 6′.
		8 5 96	940·0	...	...	Village of Amdul. All linseed cultivation.
		9 3 40	930·0	...	...	Stream 24′ × 7′. Linseed cultivation.
		10 2 200	980·0	...	...	Tappal huts and well (steined) of water; fair camping ground; no shade.
		11 6 170	...	...	...	Stream 50′ × 9′.
11 7 71	11 7 71	11 7 71	970·0	7·	...	Village of Kolur. All cultivated ground.
		1 1 140	970·0	....	...	Stream 48′ × 8′; sandy bed; good banks.
		1 5 40	970·0	...	...	Village of Khorpa. All ground under linseed cultivation.

Statement of Particulars describing Mr. Cormac's Route from Raipur, &c.—contd.

Distance from Raipur.	Distance between Principal Stations.	Distance between Villages.	Height above M.S.L.	Rise.	Fall.	Remarks.
M. F. Y.	M. F. Y.	M. F. Y.	Feet.	Feet.	Feet.	
		2 3 200	980·0	...	...	Village of Bhutgaon. All ground under cultivation. Stream 10′ × 6′.
		3 7 190	970·0	...	...	Village of Rakhi. All land under linseed and wheat.
		4 7 68	950·0	...	...	.....
		...	...	...	...	Stream 60′ × 9′; Clay bed; well-defined banks; slightly undulating.
		6 2 170	930·0	...	...	Village of Kuchna. Stream 8′ × 4′; good topes near villages.
		7 4 50	910·0	...	...	Stream 89′ × 14′; gravelly bed; good banks. Village of Kanamuka.
21 1 77	9 2 6	9 2 6	1,020·0	50	...	Village of Silturra. Camping ground not good. No good water. All open country; fully cultivated. Linseed cultivation.
		1 3 80	1,110·0	...	...	Village of Singdehi on east.
		...	...	...	...	Village of Supela on west.
		...	...	...	...	Linseed cultivation. Country nearly flat.
		2 4 0	984·0	...	...	Rice-fields.
		2 7 0	980·0	...	...	Stream 33′ × 7′; sandy bed; good banks. Castor-oil cultivation.
		4 0 50	990·0	...	...	Village of Bhukara; 300 houses, Police station, school-house, tanks. Two acres laterite rock on surface; young mango topes; avenue all margosa trees.
		5 4 6	1,000·0	...	...	Open, flat country; rice-fields. Rice-fields.
		7 4 110	1,000·0	...	...	Rice-fields. Village of Kusmurra.
29 6 13	8 4 156	8 4 156	1,040·0	20·	...	Village of Gujra; 80 huts. Residence of a Malukdar. Four good tanks. Cultivated land. Soil black clay.
		1 0 0	1,061·0	...	...	Village of Doma. All cultivated land.
		1 5 130	1,061·0	...	...	.....
		...	...	...	...	Rice-fields. Soil black clay.
		...	...	...	...	Village of Kurmataraye. Small stream 6′ × 3′.
		3 0 0	1,026·0	...	...	All cultivated lands. Soil black clay.
		4 2 70	1,012·0	...	...	Village of Demar. Rice-fields. Soil black clay.
		5 2 156	1,019·0	...	...	.....
		...	...	...	...	Rice-fields. All cultivated land; some linseed and wheat crops.
		6 2 176	1,005	...	...	.....
		...	...	...	...	Rice-fields.
		7 0 58	998·0	...	...	Village of Arjuni.
		7 5 178	1,000·0	...	...	Village of Buthena. All land cultivated, linseed and wheat; mango and tamarind topes; garden cultivation. Entering town of Dhamtarilarge tank and temple. Sandy soil.
		...	...	...	...	Town of Dhamtari; about 5,000 houses; 12,000 to 15,000 inhabitants. Tahsildar's Cutcherry, Police station, hospital, and school.
39 5 138	9 7 125	9 7 125	1,000·0	...	40·	Good camping ground; good water; fine topes of mango and tamarind trees. Camp outside town of Dhamtari. Mango and tamarind topes. Sandy soil. Cultivated land; linseed, wheat, Bengal gram.
		...	...	...	...	Sandy soil.
		...	...	...	...	Rice-fields.
		2 0 115	1,060·0	...	...	Village of Roodree. Large numbers of mango, matti, and ippa trees.
		...	...	...	...	Rice-fields.
		2 5 0	...	...	...	Rocky ground.
		2 6 160	...	...	...	Stream 24′ × 6′; clay bed; banks not well defined; jungle. Patches of clearing and cultivation. Track parallel to the Mahánadi river.
		3 5 70	1,030·0	...	...	Village of Murradeo. Small village with a little cultivation near it. Scrub jungle with patches of cultivation. Soil stony. Jungle patches of wet and dry cultivation here and there.
		5 3 130	1,030·0	...	...	.....
		...	...	...	...	Soil stony. Village of Gangrel.
		6 3 57	...	...	...	Mahánadi river; 1,449′ × 17′; sandy bed; left bank well-defined clay.

Statement of Particulars describing Mr. Cormac's Route from Raipúr, &c.—contd.

Distance from Raipur.			Distance between Prineipal Starions.			Distance between Villages.			Height above M.S.L.	Rise.	Fall.	Remarks.
M.	F.	Y.	M.	F.	Y.	M.	F.	Y.	Feet.	Feet.	Feet.	
						6	5	100	...	...	...	.....
							...		...	...	...	Cleared ; patches of cultivation.
						7	2	6	1,000·0	...	...	Village of Kokri ; small village ; stratified gneiss rock on surface. Rice-fields. Jungle. Clearing along the track.
						8	4	68	1,000·0	...	...	Ippa, matti, and some small teak trees.
						9	4	8	1,030·0	...	...	Villages of Batrel on west. Koralma on east. Stream 24′ × 8′. Stream 620′ × 8′.
						11	1	55	1,090·0	...	...	Village of Lamkeni. Large area of cultivated land round village. Hill ridges on each side thickly wooded.
52	2	98	12	4	180	12	4	180	1,150·0	150	...	Village of Dargahan. Police Station. Large area of rice fields. Swampy rice-fields.
						0	7	10	1,169·0	...	...	Village of Sunghola on rising rocky ground. Small rocky hill in rear. Garden cultivation ; rice-fields
						1	4	58	1,169·0	...	...	Village of Bhirawun. Small hills near village. Dry cultivation. Soil black clay.
						2	4	140	1,169·0	...	...	Village of Mogragahan. Large area of rice-fields near village. Ippa trees abundant.
						3	3	100	1,169·0	...	...	Stream 24′ × 8′. Sugarcane plantation. Stream 20′ × 6′.
						4	0	30	1,226·0	...	...	Swampy ground. Village of Alva, first in Kankér State. Dry cultivation near village. Waste land; high grass; ippa trees. Waste. Ippa trees abundant. Jungle.
						6	3	80	1,359·0	...	...	Gravelly soil. All jungle, scrub, with ippa trees. Stream 30′ × 8′. Clay bed and banks. Stream 18′ × 6′. Clay bed and banks.
						7	5	80	1,359·0	...	...	Village of Charima. Patches of cultivation here and there. Stream 18′ × 6′. Sandy bed. Jungle clearing.
62	4	182	10	2	84	10	2	84	1,300·0	150	...	Village of Polawai. Uncultivated land. Swampy ground. Rice-fields.
						0	5	3	1,280·0	...	...	Topes of young mango trees.
						0	7	186	1,280·0	...	...	Village of Sawada. One square mile rice-fields.
						1	4	70	...	...	...	Stream 40′ × 7′. Clay bed and banks. Rice-fields.
						2	0	150	...	...	...	Village of Kurna.
						2	3	125	1,220·0	...	...	Mahánadi river. Open country. Some rice-fields.
						2	5	72	...	...	...	
						3	7	90	1,260·0	...	...	Half cultivated, half jungle.
						4	6	180	1,310·0	...	...	Jungle. Sandy soil.
						5	7	0	1,300·0	...	...	Jungle. Numerous ippa trees.
						6	7	0	...	...	...	Jungle.
						7	0	60	...	...	...	Makree river, 150′ × 12′. Sandy bed; clay banks. Rice-fields.
						7	2	190	1,270·0	...	...	Village of Berawai. Jungle ; numbers of ippa trees.
						8	6	0	1,320·0	...	...	.....
							...		...	...	...	Jungle.
						9	7	58	1,300·0	...	...	Town of Kankér.
						10	1	60	1,280·0	...	...	Duhd river, 115′ × 8′. Sandy bed; clay banks. Town of Kankér to west.
73	4	12	10	7	50	10	7	50	1,310·0	10	...	Camp, beyond Kankér.
							...		...	...	...	Jungle.
						1	5	0	1,344·0	...	...	Some clearing and small area of rice-fields. Kankér limestone about.
						2	3	0	1,327·0	...	...	Jungle, very dense; no large trees. Matti trees.
						2	7	0	...	...	...	Hatkul river. Ground somewhat broken. Undulating ground.
						3	6	0	1,310·0	...	...	Stream 40′ × 9′. Sandy bed ; well-defined banks.
						4	0	210	1,344·0	...	...	Village of Kongera; a few wretched huts. About 8 acres rice-fields. Jungle.
						5	2	33	1,361·0	...	...	.....
						5	6	44	1,327·0	...	...	Stream 40′ × 10′. Amordorgi. Sandy bed ; clay banks ; well defined.
						6	4	6	1,378·0	...	...	.....

Statement of particulars describing Mr. Cormac's Route from Raipúr, &c.—contd.

Distance from Raipúr.			Distance between principal Stations.			Distance between Villages.			Height above M.S.L.	Rise.	Fall.	Remarks.
F.	M.	Y.	F.	M.	Y.	F.	M.	Y.	Feet.	Feet.	Feet.	
							...		...	...	...	Jungle.
						7	4	210	1,429·0	...	...	Village of Aravail. Large clearing ; extensive rice-fields.
						8	2	174	1,412·0	...	...	Hatkul river (117′ × 14′).
						8	5	140	1,497·0	...	...	In jungle sâl, matti, ippa trees.
83	0	147	9	4	135	9	4	135	1,520·0	210	...	Camp in jungle near Salabat.
						0	1	100	1,470·0	...	...	Hatkul river bed.
						0	6	146	1,480·0	...	...	Do. Sandy with cross ridges of rock at intervals. On river banks, through low scrub jungle.
						2	0	83	1,480·0	...	...	Village of Chiprail. Forest good ; large timber trees.
						2	7	180	...	...	...	Forest.
						3	3	0	...	...	...	Do.
						4	0	10	1,510·0	...	...	.....
							...		...	...	...	Fine forest.
						4	6	90	1,520·0	...	...	Cross section nearly level. Bamboo jungle.
						6	0	60	1,550·0	...	...	Bamboo jungle.
							...		...	...	...	Do.
						7	2	86	1,610·0	...	...	Junction of two streams. Rocky bed. Much pink colored quartz.
						7	5	0	1,710·0	...	...	.....
							...		...	...	...	Gneiss of various colors. Waterfall about 25 feet in height.
						8	0	0	1,800·0	...	...	Rocky bed in river.
						9	0	0	1,870·0	...	...	Junction with small stream from Síduwan. Sâl jungle with undergrowth. Sâl jungle.
						9	6	140	2,030·0	...	...	.....
							...		...	...	...	Sâl jungle. Clearing.
94	3	37	11	2	110	11	2	110	2,130·0	160	...	Village of Siduwan. Large clearing. Rice-fields. Swampy ground. Sâl jungle. A few large trees, sâl and matti.
						1	4	186	2,122·0	...	...	.....
							...		...	...	...	Swampy ground. Rice-fields.
						2	4	82	2,098·0	...	...	Stream 30′ × 7′. Sandy bed ; well-defined clay banks.
						2	7	104	2,129·0	...	...	Soil sandy, brown clay. Village of Kan[illegible] ; a few miserable huts. Sâl jungle.
						3	3	116	2,245·0	...	...	[illegible] Soil sandy, brown clay ; sheet-[illegible]
						5	0	180	2,106·0	...	...	Small stream dammed up for rice cultivation.
						5	5	0	2,122·0	...	...	Village of Kalgaon. Much gneiss rock cropping up. Sâl jungle.
						7	1	126	2,092·0	...	...	Sâl jungle and date shrub ; undergrowth. Stream 12′ × 6′.
							...		...	...	...	Village of Tumripara.
						8	6	12	2,074·0	...	...	Jungle ; small sâl.
						9	4	200	2,060·0	...	...	Village of Kajran. Garden cultivation ; castor-oil trees, plantains and melons.
							...		...	...	...	Rice-fields.
						10	0	210	2,022·0	...	...	Stream 50′ × 10′. Sandy bed ; clay banks. Baordhig river. Rice-fields.
						10	5	90	2,022·0	...	...	Stream 18′ × 6′. Rice-fields.
						11	3	16	2,046·0	...	...	Village of Liagaon, a large village ; extensive clearing. Garden cultivation. Rice-fields.
						12	8	36	2,030·0	...	...	Stream 82′ × 18′. Sandy bed ; clay banks; well defined. Swampy land. Rice-fields.
108	6	47	14	3	10	14	3	10	2,070·0	...	60	Village of Banskot ; low jungle. Date shrubs.
						1	2	96	2,050·0	...	...	Small sâl. Jungle swamp. Rice-fields.
						2	3	46	2,040·0	...	...	Soil black clay.
						2	4	136	2,060·0	...	...	Village of Dodra. Jungle.
							...		...	...	...	Jungle ; small sâl.
						4	2	110	2,050·0	...	...	Village of Simora. Small area of rice-field.
						5	1	20	2,030·0	...	...	Stream 22′ × 12′. Sandy bed ; well-defined banks. Village of Tumda. Sugar-cane and castor-oil tree cultivation. Two iron smelting furnaces at work.
						7	1	70	2,060·0	...	...	Village of Kudi in a small clearing.
						9	2	40	2,060·0	...	...	Sâl forest ; large trees.
119	6	207	11	0	160	11	0	160	2,100·0	130	...	Village of Paorbel ; not a good camping ground. Sâl jungle ; much undergrowth. Smaller village of Paorbel.

Statement of particulars describing Mr. Cormac's Route from Raipúr, &c.—contd.

Distance from Raipúr.	Distance between principal Stations.	Distance between Villages.	Height above M.S.L.	Rise.	Fall.	Remarks.
M. F. Y.	M. F. Y.	M. F. Y.	Feet.	Feet.	Feet.	
		1 1 180	2,070·0	...	...	Fine camping ground. Garden cultivation and rice-fields; sâl jungle.
		2 0 0	2,110·0	...	...	Stream 20′ × 7′. Sâl jungle; open clearing.
		3 3 170	2,160·0	...	...	Sâl jungle.
		3 6 200	2,170·0	...	...	Village of Odepur. Garden cultivation; rice-fields; sâl jungle; swampy ground.
		6 0 20	2.140·0	...	...	Sâl jungle. Village of Mohundi.
		6 3 200	2,090·0	...	...	Stream 24′ × 6′. Rocky bed; clay banks. Smaller village of Mohundi. Sâl jungle.
		8 1 40	2,100·0	...	...	Sâl jungle.
129 5 167	9 6 180	9 6 180	2,130·0	30	...	Village of Gunjinga. Jungle; soil black clay.
		1 2 0	2,090·0	...	...	Sâl forest; large trees.
		1 5 100	2,070·0	...	...	Stream 18′ × 8′. Sandy bed; clay banks; scrub jungle.
		2 2 0	2,065·0	...	...	Stream 58′ × 9′. Rocky bed and banks; jungle.
		3 2 20	2,060·0	...	...	Stream 40′ × 8′. Rocky bed and banks; jungle.
		4 2 160	2,050·0	...	...	Stream 20′ ×8′. Rocky bed and banks.
		5 4 0	2,120·0	...	...	Village of Kurulubahal; excellent camping ground and good shade. Extensive rice-fields and garden cultivation. Soil quartz gravel. Forest of sâl.
		6 6 145	2,135·0	...	...	Village of Serapur in a small clearing.
		8 1 75	2,140·0	...	...	Jungle; sâl with date shrub undergrowth.
		9 7 200	2,120·0	...	...	Jungle; side lying ground.
		10 4 26	2,100·0	...	...	Jungle; small sâl trees.
141 4 147	11 6 200	11 6 200	2,080·0	...	50	Clearing.
		0 5 100	2,056·0	...	...	Village of Rakuda in a small clearing in jungle.
		1 5 165	2,068·0	...	...	Stream 90′ × 12′. Sandy bed; clay banks.
		2 1 20	2,156·0	...	...	In jungle.
		3 6 110	2,056·0	...	...	Stream 68′ × 10′. Rocky bed and banks. Large area of rice-fields; swampy.
		4 7 10	...	...	...	Village of Bamini; excellent camping ground. Tobacco, castor-oil trees, plantains; clearing.
		5 0 20	2,060·0	...	...	Stream 18′ × 9′.
		5 7 0	2,068·0	...	...	Village of Barhona. Ippa, mango, and fig trees.
		5 2 130	2,044·0	...	...	Stream 18′ × 12′.
		7 4 100	2,028·0	...	...	Village of Birondi; large area of rice-fields; good camping ground.
						Village of Kochtiamo; tank and irrigation channel; area of rice-fields. Village of Omorkót.
150 3 202	8 7 55	8 7 55	2,021.0	...	59	Camp.

XXX.

Statement of particulars describing Mr. Cormac's Route from Pupagáon (viâ *Jeypur*) *to Kuraputi.*

Distance from Pupá-gaon.	Distance between principal Stations.	Distance between Villages.	Height above M.S.L.	Rise.	Fall.	Remarks.
M. F. Y.	M. F. Y.	M. F. Y.	Feet.	Feet.	Feet.	
		...	1,981·0	...	...	Camp near Pupagáon. Stony soil.
		0 3 160	1,963·0	...	...	Village of Pupagáon. Topes of mango and tamarind trees. Swampy rice-fields. Stream 30′ × 8′. Swampy rice-fields.
		1 6 184	1,951·0	...	...	Village of Dangragaon; 10 houses, 50 people. Rice-fields; swampy ground; sâl jungle; jack, ippa, and matti trees.
		3 1 4	1,918·0	...	...	Village of Dondasanogoda on east; soil sandy. Rice-fields.

Statement of particulars describing Mr. Cormac's Route from Pupagáon (via *Jeypur*) *to Kuraputi*—concluded.

Distance from Pupa-gáon.	Distance between principal Stations.	Distance between Villages.	Height above M.S.L.	Rise.	Fall.	Remarks.
M. F. Y.	M. F. Y.	M. F. Y.	Feet.	Feet.	Feet.	
		4 2 200	1,903·0	...	...	Stream 40′ × 11′. Good banks; clay bed. Rice-fields.
		4 7 94	1,933·0	...	...	Village of Randapali; 10 houses; mango and tamarind topes; good tank of water. Rice-fields.
		6 2 20	1,891·0	...	...	Potra stream, 120′ × 14′. Sandy bed; clay banks; mango tope. Rice-fields.
		7 0 28	1,923·0	...	...	Village of Umerigaon; 60 houses; join road from Boriguma to Jeypur. Stream in swampy ground.
		7 6 56	1,935·0	...	...	On high ground; jungle stream 12′ × 8′. Wet cultivation to east, jungle to west.
		8 7 110	1,929·0	...	...	Scrub jungle; large tank to the right.
		9 7 160	1,937·0	...	...	Opposite travellers' bungalow; mango tope; tank.
	10 4 20	10 4 20	1,955·0	...	26	Camp near Jeypur. Town of Jeypur; mango tope.
		0 5 0	1,955·0	...	...	Join road from Jeypur to Kuraputi; ground rocky; side lying; jungle on both sides.
		1 1 80	2,015·0	...	...	Jungle; hills on three sides. Stream 6′ × 6′; stream 9′ × 6′.
		1 5 160	2,015·0	...	...	Jungle stream 12′ × 6′.
		2 0 20	1,979·0	...	...	Stream 63′ × 14′. Rocky bed; clay bed.
		2 4 70	2,003·0	...	...	Stream 6′ × 4′. Ravine and stream on right.
		2 7 120	2,207·0	...	...	Skirting hill side. Stream 6′ × 4′.
		3 2 160	2,351·0	...	...	Jungle; ravine on right.
		3 6 56	2,267·0	...	...	Jungle.
		4 2 140	2,589·0	...	...	Jungle; hill side cutting.
		4 5 170	2,781·0	...	...	.....
		5 1 0	2,889·0	...	...	Jungle.
		5 5 54	2,805·0	...	...	Clearing.
		6 1 160	2,867·0	...	...	Undulating ground.
		6 3 160	2,915·0	...	...	Village of Bogepodor. Some cultivated ground along sides of streams. Stream 12′ × 9′.
		7 3 0	2,899·0	...	...	Village of Pungbadi to the west; open clearing.
		8 1 0	2,848·0	...	...	.....
		...	...	...	...	Good trees about.
		8 5 70	2,939·0	...	...	.....
		...	...	...	...	Open cleared country.
		9 3 100	2,831·0	...	...	Cross road to Matsura.
		10 0 0	2,891·0	...	...	.....
		...	...	...	...	Open country with sâl jungle here and there.
		10 5 60	2,903·0	...	...	Good shady trees at intervals.
		11 2 110	2,915·0	...	...	Village of Damiguda.
		12 0 20	2,999·0	1044·0	...	Saddle overlooking Kuraputi.
		12 3 110	2,924·0	...	...	.....
		12 7 156	2,864·0	...	...	Kuraputi.
	13 3 14	13 3 14	2,900·0	...	99	Agent's bungalow.

XXXI.

Explanation of Vernacular Terms used in these Papers.

Vernacular Name.	English Name.	Botanical Name.	Remarks.
Alsi, sersá	Linseed	Linum usitatissimum	Alsi, *Hind.*; sersá, *Tel.*
Babool	A species of acacia	Acacia Arabica	Kuruveylam, *Tam.*; tummachettu, *Tel.*
Bandárachettu	.....	Hymenodyction excelsum	.....
Bendakoi	Esculent okro	Hibiscus esculentus	Also called bhindi, *vendáy.*
Bhér, beri bair	Jujube tree	Zizyphus jujuba	Elendie, *Tam.*; reygoo, *Tel.*
Bora, bhora	Mangrove	Dolichos catjang	Bora, *Beng.*
Chenna	Bengal gram	Cicer arietinum	Chena, *Guz.*
Chòlum, *Tam*	Great millet	Sorghum vulgare	Jonna, *Tel.*; jowari, *Beng.*

Explanation of Vernacular Terms used in these Papers—concluded.

Vernacular Name.	English Name.	Botanical Name.	Remarks.
Cumboo	A small kind of millet	Momordica charantia	Combu pagulkai, *Tam.*
Dhol	A kind of lentil	Cajanus indicus	Dhal, *Hind.*
Ganja, or janam nara.	Indian hemp	Cannabis sativa	Ganjar, *Beng*; bhang, *Hind.*
Guntalu	A kind of grain	Pencillaria spicata	Gantelu, *Tel.*
Ippa, or ippie, or mhówa	A fruit tree, with hard wood.	Bassia latifolia, Roxb.	The flowers yield toddy, and the seeds oil.
Ianam nara	Hemp	Cannabis sativa	*Vide* ganja.
Kenda, or kendoo, *Hind.*	Ebony	Diospyros melanoxylon	Tumica, *Tel.*
Korralu, or korra	A kind of grain	Panicum italicum	Korralu is the plural of korra.
Matti, *Can.*, or sája, *Hind.*	A good timber tree, wood dark brown.	.....	Madhichettu, *Tel.*
Moorrum	A kind of soil	.....	.....
Myrabolams	Gallnuts	.....	.....
Nara, or janam nara	Hemp	Cannabis sativa	*Vide* ganja.
Picota or pakota, *Portuguese.*	A machine used for raising water.	.....	.....
Pipul, pipal	A species of ficus	Ficus religiosa	A sacred tree.
Ragi, or ragee	A small food grain	Eleusine stricta, or coracana.	Nacheni, *Hind.*
Sâl, sarái, salo	A good timber tree	Shorea robusta	Sâl, *Hind.* and *Beng.*
Sámalu, *Tel.*	A small food grain	Panicum miliaceum	.....
Son, *Hind.*	Hemp	.....	.....
Yerrakallu	Red garnets	.....	.....

BELLARY,
28th August 1882.

K. F. NORDMANN,
Executive Engineer.

No. 2367 W., dated 13th September 1882.

From—The Secretary to the Government of Madras, Public Works Dept.,
To—The Secretary to the Government of India, Public Works Dept.

With reference to your letter No. 692 B.C., dated 12th August 1882, on the subject of the report of the results of the reconnoissance undertaken with a view to decide the best line for a Railway between the littoral of Vizagapatam and Raipur in the Central Provinces, I am desired by the Right Honourable the Governor in Council to express regret at the delay which has occurred in laying the results before the Government of India. The following explanation will show that this has been unavoidable. Owing to the numerical weakness of the establishment, the officer who conducted the investigations had, immediately on his return from Vizagapatam, to be placed in executive charge of a division, and in addition he had temporarily to carry on the current duties of the Superintending Engineer, so that he had no time to elaborate his original reports which were necessarily submitted in the first instance in a somewhat crude form. In consequence the task of passing the reports through the press, correcting the proofs, and calculations of altitudes, marking the routes, and preparing detailed statements in a tabular form of the particulars given on the various sections, devolved on the Chief Engineer's Office, already overburdened with the current work of the department. The papers had afterwards to be sent to Bellary, in view to their final revision by Mr. Nordmann, from whom they have just been received.

2. In order to avoid further delay, I am directed to forward herewith copies of the printed reports, &c., together with a brief note thereon by the Consulting Engineer to this Government. In doing so, I am to explain that the papers in question are now under the consideration of this Government, and that their views thereon shall be forwarded at the earliest possible date.

Introduction to the Reports.
Letter from Mr. Nordmann No. 14 R., dated 16th November 1881.
Letter from Chief Commissioner, Central Provinces, P. W. D., No. 9059, dated 16th November 1881.
Letter from Mr. Nordmann No. 190, dated 26th November 1881.
Do. do. „ 20 B., dated 4th December 1881.
Do. do. „ 24 R., dated 6th January 1882.
Do. do. „ 27 R., dated 14th January 1882.
Do. do. „ 38 R., dated 25th February 1882.
Do. do. „ 60 W., dated 30th March 1882.
Do. do. „ 72 W., dated 14th April 1882.
Do. do. „ 74 W., dated 18th April 1882.
Statement of particulars and sections, &c.
Route map.
Brief note by Consulting Engineer (See page 1653.)

Note on proposed Railway to connect the Vizagapatam Sea-board with Raipúr in the Central Provinces.

A preliminary reconnaissance of the country to be traversed was made during the cold season of 1881-82 by Mr. K. F. Nordmann, who examined several routes which had been suggested.

2. Mr. Nordmann concluded his examinations by stating that two routes distinctly commended themselves to him as being equally eligible—

(1) East of the Noagarh hills, passing near Párvatipur, Bissemkattak, Ombadóla, Asurgor, Kariál, Nara, and Arang.

(2) West of the Noagarh hills, passing near Sálur, Merialpád, Nárangpur, Omorkót, Raigarh, Risgáon, Kárti, and Rájim.

3. Mr. Nordmann started on his reconnoissance along the eastern route, and returned from Raipúr to the coast along the western route. The following notes, extracted from his reports, are given in the direction in which each march was made.

EASTERN ROUTE.

Starting from Vizagapatam, the line proceeds *viâ* Bimlipatam, Vizianagrum, and Ramabhadrapuram to Párvatipur, 85 miles north of Vizagapatam and 395 feet above mean sea level. It then crosses the Narrainputnum river, where a waterway of 256 feet will be required, and enters the valley of the Nagavully (or Chicacole) river, in which it runs up to Ryaguddah, 687 feet, the distance being 116 miles. The line here keeps always within half-a-mile or so of the river bank.

From Ryaguddah the line passes through a fine upland country, crossing a river 363 feet wide at the 122nd mile. To the north of the river the upland valley continues as before to Gingerabadi, 736 feet, and proceeds to Ballingy 1,136 feet, and Satikona 1,346 feet, where the summit level of the line is reached. The ground then descends to Bissemkattak, 1,154 feet (146 miles). From Bissemkattak the line proceeds to Kordaband (158 miles) with a rise of 38 feet, attaining the height of 1,192 feet at this place.

After leaving Kordaband the line crosses several small streams, and passing through a gorge with dense jungle it then descends to flat ground, and following up the course of the Bongadara river, crosses above the junction with the Ombadola river at a point requiring a waterway of 210 feet, rock being available for a foundation. Ombadola (170 miles) is then reached, the height being 1,196 feet.

The route from Ombadola northwards as far as Bogor (205 miles) is an easy one. The only approach to anything like a ghât is a decline which begins on the water-shed, 1,234 feet above mean sea level, 3½ miles north of Ombadola. This ghât Mr. Nordmann states can easily be worked out at a gradient of 1 in 100.

At Bogor (205 miles, height 627 feet) the Tel Nadi is crossed. The river is 1,560 feet wide between the banks; on one bank there is rock visible. The line then follows the course of the Sondor river. *vid* Balipodor, Badbeng, Tukla, Karial, Kaluiga, and Kumuna to Tobor (272 miles), which is 949 feet above mean sea level.

The line then passes a low water-shed, and proceeds through some dense jungle *vid* Kandamuri, Siagori (290 miles), and Jalbal; whence proceeding *vid* Kura, Surumal, Kopli, Patripali, Telebanda, and Mahasamund (369 miles) to Gorai 810 feet, where the Mahanadi is crossed. The width of the river here is 2,040 feet, and the bed sandy. On the eastern bank and in the bed is limestone rock; on the west bank none is visible. After crossing the Mahanadi the line continues to Arang (350 miles) and follows the Sumbalpur road to Raipur (372 miles). Height 962 feet.

The ground traversed all the way from Jalbal to Raipúr is described as being practically almost level, the slopes easy, and the maximum gradient 1 in 100.

WESTERN ROUTE.

From Raipur, 963 feet, the line traverses a well-cultivated country to the south *vid* Khandwa to Rajim (25 miles) where the Mahánadi is crossed, the

river being 1,908 feet broad at this place. The line then follows the right bank of the Pairi river. The ground traversed is described as being on the whole very favourable, and the country fully cultivated as far as and beyond Kopra, 35 miles from Raipur. The gradients are generally light. Still keeping close to the Pairi river, the line proceeds to Bourka (47 miles, height 992 feet) where some hill-side cutting will be required for upwards of a mile along the steep and stony banks of the river. Some of the heaviest work along the line will be necessary here.

Proceeding to Karti (52 miles) the line here crosses to the left bank of the Pairi river at a place 1,530 feet wide, and continues along the right bank of the Sondor river *viâ* Baltema 1,295 feet, and Tumaribahal to Karku, where it crosses the Bog river, 50 feet wide, and proceeds due south to Risgaon (104 miles), Gourgaon, and Hathgaon (112 miles).

The ascent up to Háthgaon (1,870 feet above mean sea level) is a very gradual one. From this place the final ascent to the Jeypur plateau commences. A total height of 220 feet has to be overcome, which, distributed over five miles, gives a gradual rise of 44 feet per mile, or 1 in 120. The line passes through many miles of magnificent forest, and continues *viâ* Kolaipodor, Raigarh, and Bera to Omorkot, 137 miles from Raipur. From Omorkot the line, trending to the south-east, passes Bijapur (155 miles), Dobgaon, Paparhandi, and Narangpur (185 miles) to Ranigar (210 miles), at the foot of the Madeoputi Ghât, tapping a rich and beautiful upland country, with fertile soil, and fine forest and jungle, at an average elevation of 1,900 feet. The surface in most parts is level.

The line then continues *viâ* Madeoputi and Mastiput (220 miles, height 2,520 feet) up to Dengagura, on the Kuraputi plateau (223 miles, height 2,900 feet).

From Dengagura the line gradually ascends to Dumraput (2,799 feet), and proceeds thence *vid* Chikapor to Doliamb, along a 3,000 feet plateau. The ground here undulates considerably, but an easy line can be obtained by keeping along the low ground, and following the course of the longitudinal valleys leading in the direction of the line. Some high embankments would be required, but not much cutting. The line then continues to the Dokrigat Saddle (3,190 feet); after passing which it turns due east over the Merialpad Saddle (3,250 feet), passes Dobata (2,600 feet) and the Rodavalsa Saddle (2,001 feet)—a viaduct and tunnel being here required—and proceeds thence to Salar, 570 feet. The descent from the Merialpad Saddle to the plains is somewhat abrupt, the heavy fall of 2,680 feet having to be encountered within some 20 or 30 miles, according to the line chosen.

The entire length of the western route from Raipur to Vizagapatam will vary from 356 to 343 miles.

4. When the proposal was first made by the Madras Government for the survey of a line of railway to connect the Vizagapatam sea-board with the Central Provinces, Raipur was named as the point to be made for, as it was understood that a railway was then being constructed between Nagpur and Raipur. The conditions affecting the proposal have, however, been greatly modified by the investigations which have been subsequently made with the object of connecting the East Indian Railway at Sitarampur with the Nagpur-Chattisgarh Railway at Belaspur; and it will probably be now considered open to question whether Raipur is the most suitable point of junction for the two lines.

5. For purposes of comparison between the two lines reconnoitred by Mr. Nordmann, Raipur may, however, be conveniently accepted for the present as the terminus of the proposed Vizagapatam line, and the leading features of the two routes may be briefly stated as follows.

The eastern route crosses a summit level of 1,346 feet; it is 372 miles in length, with a ruling gradient of 1 in 100, or less.

The western route crosses a summit level of 3,250 feet; it is either 356 miles in length with ruling gradient of 1 in 50; or 343 miles in length, with ruling gradient of 1 in 35.

6. The comparative cost of constructing a metre-gauge railway along the

two routes has been roughly estimated by Mr. Nordmann as follows:—

Eastern Route.

	£
372 miles at £5,000	1,860,000
Add for some heavy work near Ombadola, 5 miles, at £2,000	10,000
Add for bridges	30,000
TOTAL	1,900,000

The item of bridging is heavier on this line than on the other.

Western Route.

	£
Raipur to foot of upper plateau at Ranigar, 204 miles, at £5,000	1,020,000
Ghât from Ranigar to Limka Saddle, 14 miles, at £8,000	112,000
Limka Saddle to Merialpad Saddle along the upper plateau, 33 miles, at £6,000	198,000
Ghât from Merialpad Saddle to foot in the plain (4 miles north-west of Salar) by the longest route (*b*), 32 miles, at £10,000.	320,000
Foot to Salar and Vizagapatam, 73 miles, at £5,000	365,000
TOTAL	2,015,000

Or

Raipur to foot of upper plateau at Ranigar, 204 miles, at £5,000	1,020,000
Ghât from Ranigar to Limka Saddle, 14 miles, at £8,000	112,000
Limka Saddle to Merialpad Saddle along the upper plateau, 33 miles, at £6,000	198,000
Ghât from Merialpad Saddle to foot by shortest route (*e*), 19 miles, at £10,000	190,000
Add for tunnel and viaduct	50,000
Foot of hills to Vizagapatam as before, 73 miles, at £5,000	365,000
TOTAL	1,935,000

These figures show a slight difference in favour of the eastern route; but, looking to the uncertainty which must attend the execution of the heavy ghât and tunnel works on the western line, in a locality which has acquired an unenviable reputation for malaria, it is not improbable that the difference in cost between the two routes will be considerably more.

7. With respect to the nature of the country traversed by the two routes there does not seem to be much difference. The construction of a railway along either route will serve to open out a vast tract of new and undeveloped country, apparently abounding in natural resources of all kinds.

8. From an engineering point of view, there can be no room for doubt in giving an opinion between the alternative routes; and the same may be as decidedly asserted from the point of view of railway traffic. This is conclusively shown by the figures in Mr. Nordmann's map, giving the heights above sea level of the various points reached, as fixed by aneroidal observations.

The western route encounters the line of ghâts at a part where the lowest practicable saddle is 3,250 feet above sea level. In order to reach that saddle, it makes an abrupt rise of 2,680 feet within 23 or 35 miles, according to the line selected; while within the next 30 miles it falls 1,250 feet. If a railway were taken over the hills by the western route, every ton of goods carried between the Central Provinces and the coast would have to be carried up and down some 2,500 feet unnecessarily, besides being debited with the haulage charges on the steep gradients of the ghât. It must also be borne in view that the heavy ghât work lies within a tract which is notoriously unhealthy; and that the unhealthiness will affect not only the construction of a railway, but also its subsequent working.

The eastern route passes through the line of ghâts at a singularly favourable saddle near Ombadola, and the highest point which it touches is 1,346 feet above sea level. The only part which approaches the nature of a ghât lies

to the north of the Ombadola watershed, where Mr. Nordmann states that a gradient of 1 in 100 may be necessary for about 4 or 5 miles.

9. The facts and figures collected by Mr. Nordmann during his reconnoissance seem to prove that the main line of the proposed railway should be carried from the sea-board northward, through the Ombadola gap, as far at least as Assurgor. Whether from Assurgor the line should follow the route reconnoitred by Mr. Nordmann, in a north-westerly direction, to Raipur, or should trend to the north-east, passing near Sonepur and Sambalpur, to join the proposed line between Sitarampur and Belaspur, will probably depend upon the decision arrived at by the Government of India respecting the route to be followed by that line. It appears far from improbable that there is room for both lines in the vast tract of country to be served. If it be considered essential that the Jeypur plateau be tapped, a branch could without difficulty be led off from Ryaguddah towards Narangpur, which would avoid the chief difficulties of the western route over the hills. From Narangpur the branch could be extended in any direction that may seem desirable. Other branches from the eastern main line could also be made without difficulty.

J. SHAW-STEWART, *Col., R.E.,*

The 11th September 1882. *Consulting Engineer for Railways.*

Letter from the Government of India, dated 12th August 1882, No. 692 R.C.

No. 2366 W., dated 13th September 1882.

Order thereon by the Government of Madras, P. W. Dept.

ORDERED, that the following letter be addressed to the Government of India :—

(No. 2367 W., dated 13th September 1882—see page 1652.)

No. 2682 W, dated 16th October 1882.

From—Colonel J. SHAW-STEWART, R.E., Offg. Secretary to the Government of Madras, Public Works Dept.,
To—The Secretary to the Government of India, Public Works Dept.

In continuation of my letter No. 2367 W., dated 13th ultimo, submitting a report with map and sections showing the result of the reconnoissance lately made for a railway between the littoral of Vizagapatam and Raipur in the Central Provinces, I am desired now to state briefly the conclusions at which this Government has arrived after a careful consideration of the information which has been received.

2. As regards the location of the line, His Excellency the Governor in Council sees no reason to dispute the accuracy of the deductions recorded by the Consulting Engineer for Railways in his note of the 11th September as to the general preferability of the eastern route, *vid* Ombadola, to the western one passing over the Jeypur highland, and west of the Noagarh hills. Not only would serious engineering difficulties have to be overcome in ascending by the latter to the Merialpad Saddle, 3,250 feet above mean sea level, but it is clear from the work now under execution in the new Potinghy Ghât that fever of a very deadly character has to be encountered, and must, in the opinion of this Government, constitute a very grave objection to this route, both in reference to first construction and to the subsequent working of the line.

3. As a set-off against these objections there is nothing in the character of the country traversed, in the natural productions seeking an outlet, or in any such decided shortcoming of the eastern line as to present preponderating advantages. The reverse is in fact the case, as the uplands of Jeypur which have to be crossed before descending into the country to the westward are more sparsely populated and have a poorer soil than probably any similar portion in either of the routes in question. For these and other reasons His Excellency the Governor in Council has no hesitation in pronouncing in favour of the eastern route, so far at least as relates to the portion extending from Parvatipur, *vid* Raigudda and Ombadola, to Assurgor.

4. Northward of the last named point the country presents no further difficulties than those inseparable from the crossing of several streams, and particularly the river Mahanadi, and as the question of extension in this direction must in the main depend on considerations connected with the location of the projected line which is to traverse the country between Sitarampur (with regard to which the Government of India are necessarily in possession of the best information), this Government does not consider it necessary to record any decided opinion.

5. In the event, however, of the Government of India deciding that eventually a bifurcation of the main line is to take place at Assurgor, one branch leading north-west towards Raipur, and the other through Sampur and Sambulpur to the north-east, the former should, I am to say, be first constructed, as it would tap a better grain country and would thus more directly meet the immediate objects of a protective work.

6. As regards the traffic which may be expected, there is abundant proof in Mr. Nordmann's report and in all the evidence which has reached this Government that already, notwithstanding the absence of anything like a made-road, there is an immense amount of produce, carried now wholly on pack-bullocks, seeking an outlet in both directions, and which may on reasonable facilities being afforded readily increase tenfold.

7. Any amount of the best land in Kalahundy and elsewhere is to all appearances only awaiting emigrants and the plough to yield an enormous produce, and the cheap conveyance of salt from the coast must prove an incalculable gain to all that part of India. In famine, moreover, as has been pointed out in previous communications, the provision of a railway leading direct from the grain-producing country of Chhattisgurh to the coast cannot fail to save life and counteract the suffering on the recurrence of famine, similar to that to which the inhabitants of Vizagapatam were exposed in 1865-66.

8. For administrative purposes it may suffice to note that the whole strip of country, constituting the Vizagapatam and Ganjam Districts, is from the absence of trunk roads to the westward, and the presence of a dangerous surf during the monsoon, frequently entirely cut off from communication with the rest of India, and that any means, such as the railway now proposed, must of necessity prove of the utmost utility to Government. The disturbances which not long since occurred in the hill tracts to the south and west, and more lately in Kalahundy, and the difficulties found in dealing promptly with these owing to the total absence of communications, add to the force of these remarks.

9. Notwithstanding, however, the very favourable general projects of returns from the line now proposed, there are no present means of so formulating these as to prove what may be the actual present amount of traffic, still less what this under altered circumstances may be expected to expand to; His Excellency the Governor in Council therefore prefers to base proposals for the line, for the early construction of which both the late and present Maharajahs of Vizianagram and all the neighbouring zemindars have expressed the greatest desire, on its claims as an invaluable protective work for the inhabitants of the coast districts.

10. Were the scheme to prove itself barren of any other results than those of saving life during famine, and of improving the communications for administrative purposes, His Excellency in Council would have no hesitation in according the scheme his warmest support; but as to this must be added the many certain but necessarily at present undefined advantages which must follow on the opening of this important artery of trade, he looks forward with assurance to the early sanction of the scheme by the Government of India. Were an energetic staff at once appointed, the whole work of locating, surveying, and estimating for the line might be carried to completion in the approaching cold season.

11. In conclusion, I am desired to draw attention to one point which has for various reasons neither formed portion of Mr. Nordmann's reconnoissance, nor of the Consulting Engineer's note. I allude to the terminus of the proposed railway on the coast.

12. As well known, there are no engineering difficulties in the country traversed anywhere between Parvatipur and any place which may be selected

as a terminus on the coast, whether that be Calingapatam to the north or Bimlipatam or Vizagapatam to the south.

13. Looking generally to the demands of trade alone, there would not appear to be very much to choose between the two first named ports, at both of which there are European firms commanding large means and a thriving and increasing trade, but taking into account the fact that Vizianagram is the capital of this part of the coast, that the Maharajah has all along taken a most lively and intelligent interest in the scheme, and that Waltair to the south (close to Vizagapatam) is the divisional head-quarters, His Excellency in Council is disposed to recognise the superior claims which this direction for the main line possesses over any other.

14. As already indicated (see G. O., No. 1718 W., dated 8th July 1882), none of the three ports mentioned apparently hold out any such facilities for the construction of large harbours as would lead to the conclusions that works of this character will be undertaken, and this circumstance taken with the general considerations attaching to Vizagapatam as being practically the head-quarters of the division, gives this place in His Excellency's opinion paramount claims to be made the terminus of the line on the coast. As Bimlipatam has the largest, and Calingapatam the next largest trade, it can scarcely be matter of doubt that once the main line has been constructed, branch lines (probably with local capital) will be constructed to both places.

15. Should His Excellency's views, as above indicated, meet with acceptance, the trunk line would proceed from Vizagapatam to Vizianagram, Parvatipur, Raigudda, and Ombadola to Assurgor, and thence, at the option of the Government of India, either bifurcate to Raipur or Sambulpur or, if a single line be preferred, hold a directly northern course so as to join the main east and west line at the most convenient point.

Extract from a letter No. 943 R.-C., dated the 7th October 1882, from the Secretary to the Government of India, Public Works Department, to the Secretary to the Government of Madras, Public Works Department.

In acknowledging receipt of your letter No 2682W., of the 16th October, and with reference to the telegrams sent to you regarding surveys for the Kurnool and Nellore lines, I am directed to say that the Government of India is most anxious that the location survey of the Vizagapatam-Raipur line, and the preliminary surveys of the other two lines should be at once undertaken.

I am to say that the Government of India fully concurs with the Government of Madras in the expediency of selecting the eastern route reconnoitred by Mr. Nordmann, as the route by which the railway should be taken, and I am to ask that the project may be sent forward in sections as ready, in order that the sanction of the Secretary of State may be obtained to the commencement of construction.

The Government of India accepts the conclusion of the Government of Madras in favour of Vizagapatam as the sea terminus of the line, and I am to suggest that the project for the section from Vizagapatam to Parvatipuram might be first completed and sent on for sanction.

In conclusion, I am to request that an expression of the high satisfaction of the Government of India may be communicated to Mr. Nordmann and his Assistant Mr. Cormack for the very careful and complete way in which the duties entrusted to them have been carried out.

INDEX TO CORRESPONDENCE.

1.—Introduction to the Reports.
2.—Letter from Mr. Nordmann, No. 14R., dated 16th November 1881.
3.—Letter from Chief Commissioner, Central Provinces, in the Public Works Department, No. 9059, dated 16th Novemer 1881.
4.—Letter from Colonel Lucie Smith, Commissioner, Chhattisgarh Division, to the Secretary to the Chief Commissioner, Central Provinces, Public Works Department, No. 6812, dated 10th November 1881, together with statement attached thereto.
5.—Letter from Mr. Nordmann, No. 190, dated 26th November 1881.
6.—Extract from notes by Mr. Nordmann of Reconnoissance between Bissemkattak, Ombadola and Nowjigar, (17th to 25th November 1881) dated 26th November 1881.
7.—Letter from Mr. Nordmann, No. 20B., dated 4th December 1881.
8.—Extract from notes by Mr. Nordmann of Reconnoissance, Ombadola to Bogor (26th November to 3rd December 1881), dated 4th December 1881.
9.—Mr. Cormac's Report dated 4th December 1881.
10.—Letter from Mr. Nordmann, No. 24R., dated 6th January 1882.

11.—Extract from Notes by Mr. Nordmann of Reconnoissance (from 5th to 30th December 1881) Bogor to Raipur, distance 166 miles, dated 6th January 1882.
12.—Letter from Mr. Nordmann, No. 27R., dated 14th January 1882.
13.—Letter from Mr. Nordmann, No. 38K., dated 25th February 1882.
14.—Extract from notes by Mr. Nordmann of Reconnoissance from Raipur to Narangpur *viâ* Rajim, Bindra Noagarh, Hathgaon and Omorkot, 185 miles 4 furlongs (15th January to 5th February 1882), dated 10th February 1882.
15.—Extract from notes by Mr. Nordmann of Reconnoissance from Naranghur to Kurapait *viâ* Boriguma and the old Madesputi Ghât, 38 miles (13th to 16th February 1882), dated 18th February 1882.
16.—Mr. Cormac's Diary of Reconnoissance from Raipur to Omorkot in Jeypur *viâ* Dhamtari and Kamker (16th to 31st January 1882), distance 150½ miles, dated 1st February 1882.
17.—Mr. Cormac's Diary of Reconnoissance from Pupogaon *viâ* Jeypur to Kuraputi (15th and 16th February 1882), distance 24 miles, dated 19th February 1882.
18.—Letter from Mr. Cormac, to Mr. Nordmann, No. 1-0, dated 1st February 1882.
19.—Report by Colonel Francis on the Road from Raipur to Dhamtari and from Dhamtari towards Raigarh, dated 18th March 1876.
20.—Letter from Mr. Nordmann, No. 60W., dated 30th March 1882.
21.—Letter from Mr. Nordmann, No. 72W., dated 14th April 1882.
22.—Letter from Mr. Nordmann, No. 74W., dated 18th April 1882.
23.—Notes by Mr. Nordmann of Reconnoissance of the Eastern Ghâts from Kuraputi to Salar (6th to 16th March 1882), dated 18th April 1882.
24.—Statement of particulars describing Mr. Nordmann's Route from Parvatipuram.
25.—Statement of particulars describing Mr. Nordmann's Route from Raipur (*viâ* Rajim) Naogarh and Narangpur to Kurapati.
26.—Statement of particulars describing Mr. Nordmann's Route from Mastiput across the Jeypur plateau and down the Eastern Ghât to Salar.
27.—Statement of particulars describing Mr. Cormac's Route from Comellypettah (*viâ* Singapore) to Lonjigar.
28.—Statement of particulars describing Mr. Cormac's Route from Palkonianah (near Singapore) *viâ* Mursa Ghât to Bogor.
29.—Statement of particulars describing Mr. Cormac's Route from Raipur (*viâ* Dhamtari) to Omorkot, distance 150½ miles.
30.—Statement of particulars describing Mr. Cormac's Route from Pupagaon (*viâ* Jeypur) to Kuraputi.
31.—Explanation of vernacular terms used in above correspondence.
32.—Letter from the Government of Madras, Public Works Department, No. 2367W., dated 13th September 1882.
33.—Note by Consulting Engineer for Railways, Madras, dated 11th September 1882.
34.—Letter from Government of Madras, No. 2682W, dated 16th October 1882.
35.—Extract from Government of India, Public Works Department, letter No. 943 R.-C., dated 27th October 1882, to Government of Madras.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

Irrigation.

IRRIGATION AND RAINFALL IN MADRAS FOR 1881-82.

Proceedings of the Government of Madras, Public Works Department.

READ the following paper:—

Proceedings of the Board of Revenue, dated 18th September 1882, No. 2312.

ABSTRACT—Forwarding to the Chief Engineer for Irrigation a Statement of Irrigation and Rainfall for 1881-82.

No. 100 I.—Endorsement on the above.

Submitted to Government.

OOTACAMUND, *11th October 1882.*

J. O. HASTED, *Colonel, R.E.,*
Actg. Chief Engineer for Irrigation.

To the Joint Secretary to Government, Public Works Department, Irrigation Branch.

Order dated 17th October 1882, No. 826 I., Public Works.

Ordered that a copy of these Proceedings be forwarded for the information of the Government of India, with reference to their letter No. 50 I., dated 11th February 1882.

(True Extract.)

J. O. HASTED, *Colonel, R.E.,*
Actg. Joint Secy. to Govt., P.W.D.,
Irrigation Branch.

Endorsement dated 17th October 1882, No. 827 I., Public Works.

Forwarded.

J. O. HASTED, *Colonel, R.E.,*
Actg. Joint Secy. to Govt., P.W.D.,
Irrigation Branch.

PROCEEDINGS OF THE BOARD OF REVENUE.

READ the following papers:—

From the Collector	of Anantapur,	dated	4th August	1882,	No.	160.
,, ,,	of North Arcot,	,,	17th July	,,	,,	—
,, ,,	of South Arcot,	,,	3rd ,,	,,	,,	262.
,, ,,	of Bellary,	,,	30th June	,,	,,	2276.
,, ,,	of Chingleput,	,,	22nd August	,,	,,	413.
,, ,,	of Coimbatore,	,,	8th July	,,	,,	137.
,, ,,	of Cuddapah	,,	8th August	,,	,,	370.

From the Collector	of Ganjam,	dated	6th June	1882,	No.	2111.
,, ,,	of Godavari,	,,	7th August	,,	,,	—.
,, ,,	of Kistna,	,,	12th June	,,	,,	1277.
,, ,,	of Kurnool,	,,	10th July	,,	,,	291.
,, ,,	of Madura,	,,	8th ,,	,,	,,	259.
,, ,,	of Nellore,	,,	5th ,,	,,	,,	3319.
,, ,,	of Salem,	,,	30th June	,,	,,	1418.
,, ,,	of Tanjore,	,,	12th July	,,	,,	3504.
,, ,,	of Tinnevelly,	,,	4th ,,	,,	,,	393.
,, ,,	of Trichinopoly,	,,	27th June	,,	,,	1909.
,, ,,	of Vizagapatam,	,,	10th August	,,	,,	—

Resolution dated 18th September 1882, No. 2312.

A statement showing the irrigation and rainfall for 1881-82, compiled from the above returns, will, as usual, be forwarded to the Chief Engineer for Irrigation, with reference to Board's Proceedings, dated 11th May 1874, No. 1092.

2. The following abstract shows the area irrigated from Government sources in 1881-82, as compared with 1880-81:—

	Anicuts and other Important Works.		Other Works.		Total.		Difference.
	1880-81.	1881-82.	1880-81.	1881-82.	1880-81.	1881-82.	
	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.
Government land . .	1,315,640	1,315,408	2,380,978	2,268,045	3,696,618	3,583,453	—113,165
Inam land . . .	328,882	327,725	592,738	530,592	921,620	858,317	— 63,303
Zemindari land . .	122,272	117,532	57,900	45,108	180,172	162,640	— 17,532
Total .	*1,766,794	1,760,665	†3,031,616	2,843,745	4,798,410	4,604,410	—194,000
Difference . . .	...	— 6,129	...	— 187,871	...	—194,000	...

* is exclusive
† is inclusive
} of the irrigated area under the Cauvery Lower Anicut.

3. A small decrease, amounting to acres 6,129, appears in the area irrigated under anicuts and other important works, that is, the eight works for which capital and revenue accounts are maintained. Of this decrease, acres 4,740 are returned under Zemindari lands for which accurate accounts are not available. Under other works the irrigated area shows a large falling off, amounting to acres 187,871—acres 112,933 in Government lands, acres 62,146 in Inâms, and 12,792 in Zemindari lands. The bulk of the decrease* occurs in Ganjam, Nellore, and Chingleput, where the rainfall was scanty and the season unfavourable.

*	Acres.
Ganjam	40,776
Nellore	45,269
Chingleput . . .	43,363

4. As the Cauvery Lower Anicut is not one of the eight systems of irrigation works, it is not shown separately in the statement, but is included under other works—*vide* paragraph 3 of Board's Proceedings, dated 27th January 1882, No. 281.

Comparative Statement of Irrigation and Rainfall for the Years 1880-81 and 1881-82 in the several Districts.

DISTRICTS.	Total Area in Acres.	Cultivable Area in Acres.	Cultivated Area in Acres.	AREA IRRIGATED.										RAINFALL.		
				SOWN FROM APRIL TO NOVEMBER 1881.			SOWN FROM DECEMBER 1881 TO MARCH 1882.			WHOLE YEAR OF 1881-82.			Percentage of Increase or Decrease in 1881-82.	1880-81.	1881-82.	Percentage of Increase or Decrease in 1881-82.
				Total Area.	In comparison with 1880-81.		Total Area.	In comparison with 1880-81.		Total Area.	In comparison with 1880-81.					
					Increase.	Decrease.		Increase.	Decrease.		Increase.	Decrease.				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres	Acres.	Acres.	Acres.	Acres-		Inches.	Inches.	
Ganjam.																
Government land	528,350	362,285	313,832	138,563	...	33,801	2,968	...	4,292	141,556	...	38,093	—26·91	...	...	...
Inâm land	142,668	133,504	114,505	57,630	1,327	...	3,998	...	3,054	61,628	...	1,727	— 2·80	...	...	...
Zemindari	...	...	...	19,913	...	...	...	...	956	19,913	...	956	— 4·80	...	...	...
TOTAL	671,018	495,789	428,337	216,111	...	32,474	6,986	...	8,302	223,097	...	40,776	—18·28	54·64	39·45	—27·80
Vizagapatam.																
Government land	181,081	120,003	137,662	41,776	...	1,103	10,104	3,242	...	51,880	2,139	...	+ 4·12	...	...	...
Inâm land	42,011	41,398	46,078	17,819	1,587	..	730	482	...	18,549	2,069	...	+11·15	...	...	...
* Zemindari	...	...	...	...	...	11,352	...	...	818	...	...	12,170	...	...	...	...
TOTAL	223,092	161,401	183,740	59,595	...	10,868	10,834	2,906	...	70,429	...	7,962	—11·31	48·63	42·09	—13·45
Godavari.																
GODAVARI ANICUT (a) Government land	Particulars not known.			250,016	1,319	...	8,397	...	6,769	258,413	...	5,450	— 2·10	...	...	...
GODAVARI ANICUT (a) Inâm land				135,934	...	9,473	5,213	...	734	141,147	...	10,207	— 7·22	...	...	...
GODAVARI ANICUT (a) Zemidari				109,032	...	5,347	4,089	933	...	113,121	...	4,414	— 3·90	...	...	...
TOTAL				494,982	...	13,501	17,699	...	6,570	512,681	...	20,071	— 3·91	18·95	26·59	+ 40·32
ALL OTHER WORKS Government land				49,476	17,723	...	1,812	...	728	51,288	16,995	...	+ 33·13	...	...	...
ALL OTHER WORKS Inâm land				22,368	5,736	...	1,150	...	365	23,518	5,371	...	+ 22·83	...	...	...
ALL OTHER WORKS Zemindari				457	...	12	...	..	.	457	...	12	— 2·62	...	...	...
TOTAL Government land	1,865,328	1,339,224	642,912	299,492	19,042	...	10,209	...	7,497	309,701	11,545	...	+ 3·72	...	...	...
TOTAL Inâm land	448,495	43 ,713	333,139	155,302	...	3,737	6,363	...	1,099	164,665	...	4,836	— 2·93	...	...	...
TOTAL Zemindari	...	...	...	109,489	...	5,359	4,089	933	...	113,578	...	4,426	— 3·89	...	...	...
TOTAL	2,313,823	1,469,937	976,051	567,283	9,946	...	20,661	...	7,663	587,944	2,283	...	+ 0·39	...	...	...
Kistna.																
Kistna Anicut Government land	Particulars not known.			176,413	33	...	1,203	552	...	177,616	585	...	+ 0·33	...	...	...
Kistna Anicut Inâm land				44,839	1,746	...	235	...	108	45,074	1,638	...	+ 3·63	...	...	...
Kistna Anicut Zemindari				3,801	61	...	11	...	10	3,812*	51	..	+ 1·34	...	...	...
TOTAL				225,053	1,840	...	1,449	434	...	2,26,502	2,274	...	+ 1·00	...	...	...
All other works Government land				17,879	5,802	...	1,410	29	...	19,289	5,831	...	+30·23	...	...	...
All other works Inâm land				2,929	1,013	...	36	...	164	2,965	849	...	+28·63	...	...	...
All other works Zemindari				...	...	...	...	...	...	...	...	...	...	...	...	...
TOTAL Government land	3,383,379	2,223,202	1,467,689	194,292	5 835	...	2,613	581	...	196,905	6,416	...	+ 3·26	...	...	...
TOTAL Inâm land	666,776	636,110	418,658	47,768	2,759	...	271	...	272	48,039	2,487	...	+ 5·17	...	...	...
TOTAL Zemindari	...	...	...	3,801	61	...	11	...	10	3,812	51	...	+ 1·34	...	...	...
TOTAL	4,050,155	2,859,312	1,886,347	245,861	8,655	...	2,895	299	...	248,756	8,954	...	+ 3·59	29·37	29·22	— 0·51
Nellore.																
Penner Anicut Government land	Particulars not known.			27,120	...	1,031	12,264	...	2,391	39,384	...	3,422	— 8·69	...	...	...
Penner Anicut Inâm land				11,928	...	335	8,323	376	...	20,251	41	...	+ 0·20	...	...	...
Penner Anicut Zemindari				...	...	...	...	...	...	...	...	...	...	...	...	...
TOTAL				39,048	...	1,366	20,587	...	2,015	59,635	...	3,381	— 5·67	...	...	...
All other works Government land				70,218	...	355	56,000	...	11,493	126,218	...	11,848	— 9·38	...	...	...
All other works Inâm land				19,033	...	19,499	13,924	...	13,476	32,962	...	32,975	—100·04	...	...	...
All other works Zemindari				...	...	306	...	...	140	...	...	446	...	...	...	...
TOTAL Government land	2,256,349	1,303,637	741,999	97,338	...	1,386	68,264	...	13,884	165,602	...	15,270	— 9·22	...	...	...
TOTAL Inâm land	707,096	580,520	326,026	30,966	...	19,834	22,247	...	13,100	53,213	...	32,934	— 61·89	...	...	...
TOTAL Zemindari	...	...	...	...	...	306	...	...	140	...	...	446	...	...	...	...
TOTAL	2,963,445	1,884,157	1,068,025	128,304	...	21,526	90,511	...	27,124	218,815	...	48,650	— 22·23	44·58	27·01	— 39·41
Cuddapah.																
Government land	4,794,648	1,834,529	1,047,376	94,836	...	4,378	21,472	8,865	...	116,308	4,487	...	+ 3·86	...	...	...
Inâm land	775,438	775,438	448,138	54,864	23,640	...	7,362	...	17,315	62,226	6,325	...	+ 10·16	...	...	...
Zemindari	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
TOTAL	5,570,086	2,609,967	1,495,514	149,700	19,262	...	28,834	...	8,450	178,534	10,812	...	+ 6·05	28·23	27·97	— 0·92
Bellary.																
Government land	2,946,986	2,715,275	992,981	24,474	...	408	4,501	...	1,972	28,975	...	2,380	— 8·21	...	...	...
Inâm land	815,300	778,140	414,753	11,029	4,831	...	2,091	...	189	13,120	4,642	...	+35·38	...	...	...
Zemindari	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
TOTAL	3,762,286	3,493,415	1,407,734	35,503	4,423	...	6,592	...	2,161	42,095	2,262	...	+ 5·37	25·85	17·02	— 34·16

* Figures not available.
(a) The figures include the lands under this Anicut in the Kistna District also.

* This does not include the irrigated area under the Anicut in the Kistna District, and information has been called for.
(b) The figures under this include the lands under this Anicut in the Godavari District also.

Comparative Statement of Irrigation and Rainfall for the Years 1880-81 and 1881-82 in the several Districts —continued.

DISTRICTS.	Total Area in Acres.	Cultivable Area in Acres.	Cultivated Area in Acres.	AREA IRRIGATED.										RAINFALL.		
				Sown from April to November 1881.			Sown from December 1881 to March 1882.			Whole year of 1881-82.			Percentage of Increase or Decrease in 1881-82.	1880-81.	1881-82.	Percentage of Increase or Decrease in 1881-82.
				Total Area.	In comparison with 1880-81.		Total Area.	In comparison with 1880-81.		Total Area.	In comparison with 1880-81.					
					Increase.	Decrease.		Increase.	Decrease.		Increase.	Decrease.				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.		Inches.	Inches.	
Anantapur.																
Government land	2,674,804	2,088,001	757,491	46,639	...	2,333	24,121	...	8,949	70,760	...	11,282	—15·94	...	...	...
Inâm land	613,504	602,823	310,258	18,674	...	6,367	8,484	...	2,331	27,158	...	8,698	— 32·02	...	...	...
Zemindari	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
TOTAL	3,288,308	2,690,824	1,067,749	65,313	...	8,700	32,605	...	11,280	97,918	...	19,980	— 20·40	...	·17	...
Kurnool.																
Government land	3,458,603	1,569,454	898,688	24,922	502	...	2,356	...	127	27,278	375	...	+ 1·39	...	...	...
Inâm land	1,038,408	1,038,408	633,636	15,794	...	1,191	1,152	480	...	16,946	...	711	— 4·16	...	...	...
Zemindari	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
TOTAL	4,497,011	2,607,862	1,532,324	40,716	...	689	3,508	353	...	44,224	...	336	— 0·75	22·66	20·17	—10·99
Chingleput.																
Chembrambakam Tank. Government land				10,353	6,328	...	3,518	...	4,397	13,871	1,931	...	+ 13·92	...	...	...
Chembrambakam Tank. Inâm land				4,038	2,135	...	...	...	...	4,038	2,135	...	+ 52·87	...	...	...
Chembrambakam Tank. Zemindari				...	...	...	...	...	...	...	...	...	...	...	...	...
TOTAL	Particulars not known.			14,391	8,463	...	3,518	...	4,397	17,909	4,066	...	+ 22·70	...	...	...
All other works. Government land				234,172	17,715	...	64,570	...	38,363	298,742	...	20,648	— 6·91	...	...	...
All other works. Inâm land				41,191	...	26,687	17,618	3,761	...	58,809	...	22,926	— 38·98	...	...	...
All other works. Zemindari				3,183	...	49	1,097	260	...	4,280	211	...	+ 4·93	...	...	...
TOTAL. Government land	1,315,092	742,151	488,917	244,525	24,043	...	68,088	...	42,760	312,613	...	18,717	— 5·98	...	...	...
TOTAL. Inâm land	264,125	264,125	114,667	45,229	...	24,552	17,618	3,761	...	62,847	...	20,791	— 33·08	...	...	...
TOTAL. Zemindari	...	...	...	3,183	...	49	1,097	260	...	4,280	211	...	+ 4·93	...	...	...
TOTAL	1,579,217	1,006,276	603,584	292,937	...	558	86,803	...	38,789	379,740	...	39,297	—10·35	47·29	34·14	—27·81
North Arcot.																
Pâlâr Anicut (*c*). Government land				[illegible]	2,207	...	14,264	...	9,089	44,678	...	6,882	—15·40	...	...	...
Pâlâr Anicut (*c*). Inâm land				[illegible]	...	145	1,968	594	...	7,723	449	...	+ 5·81	...	...	...
Pâlâr Anicut (*c*). Zemindari				...	...	...	...	...	...	...	...	...	...	...	...	...
TOTAL	Particulars not known.			[illegible]	2,062	...	16,232	...	8,495	52,401	...	6,433	—12·28	...	...	...
All other works. Government land				[illegible]	18,450	...	59,567	...	20,425	191,809	...	1,975	—1·03	...	...	...
All other works. Inâm land				[illegible]	...	6,874	16,127	1,756	...	42,023	...	5,118	—12·17	...	...	...
All other works. Zemindari				...	...	...	...	...	...	...	...	...	...	...	...	...
TOTAL. Government land	2,324,726	1,002,418	599,465	[illegible]	20,657	...	73,831	...	29,514	236,487	...	8,857	—3·74	...	...	...
TOTAL. Inâm land	228,649	170,186	121,853	[illegible]	...	7,019	18,095	2,350	...	49,746	...	4,669	—9·39	...	...	...
TOTAL. Zemindari	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
TOTAL	2,553,375	1,172,604	721,318	[illegible]	18,638	...	91,926	...	27,164	286,233	...	13,526	—4·73	39·33	36·84	—6·33
South Arcot.																
Pelandorai Anicut. Government land				[illegible]	1·6	...	339	3	...	3,041	119	...	+3·91	...	...	...
Pelandorai Anicut. Inâm land				[illegible]	1	...	148	8	...	554	9	...	+1·62	...	...	...
Pelandorai Anicut. Zemindari				...	...	...	...	...	...	...	...	...	...	...	...	...
TOTAL	Particulars not known.			[illegible]	1·	...	487	11	...	3,595	128	...	+3·56	...	...	...
All other works. Government land				[illegible]	39,245	...	75,897	...	54,926	335,127	...	15,681	—4·68	...	...	...
All other works. Inâm land				[illegible]	2,760	...	13,027	...	4,615	37,443	...	1,755	—4·68	...	...	...
All other works. Zemindari				[illegible]	35	...	667	...	91	2,027	...	56	—2·76	...	...	...
TOTAL. Government land	2,965,512	2,219,709	1,155,878	[illegible]	39,361	...	76,236	...	54,923	338,168	...	15,562	—4·60	...	...	...
TOTAL. Inâm land	160,129	145,689	92,683	[illegible]	2,761	...	13,175	...	4,507	37,997	...	1,746	—4·59	...	...	...
TOTAL. Zemindari	...	...	...	[illegible]	35	...	667	...	91	2,027	...	56	—2·76	...	...	...
TOTAL	3,125,641	2,365,398	1,248,561	[illegible]	42,157	...	90,078	...	59,521	378,192	...	17,364	—4·59	45·79	28·31	—38·17
Tanjore.																
Upper Anicut (*d*). Government land				[illegible]	22,882	...	70,774	...	7,157	754,277	15,725	...	+2·08	...	...	...
Upper Anicut (*d*). Inâm land				[illegible]	6,725	...	10,076	...	2,009	107,855	4,716	...	+4·37	...	...	...
Upper Anicut (*d*). Zemindari				...	...	...	...	...	...	...	...	...	...	...	...	...
TOTAL	Particulars not known.			[illegible]	29,607	...	80,850	...	9,166	862,132	20,441	...	+2·37	...	...	...
All other works. Government land				[illegible]	...	17,137	13,379	...	1,503	93,783	...	18,640	—19·87	...	...	...
All other works. Inâm land				[illegible]	1,972	...	20,035	...	7,419	60,352	...	5,447	—9·02	...	...	...
All other works. Zemindari				...	...	...	...	...	...	...	...	...	...	...	...	...
TOTAL. Government land	1,571,700	1,153,198	981,708	[illegible]	5,745	...	84,153	...	8,660	848,060	...	2,915	—0·34	...	...	...
TOTAL. Inâm land	629,701	465,931	258,427	[illegible]	8,697	...	30,111	...	9,428	168,207	...	731	—0·43	...	...	...
TOTAL. Zemindari	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
TOTAL	2,201,401	1,619,129	1,240,135	[illegible]	14,442	...	114,264	...	18,088	1,016,267	...	3,646	— 0·35	54·91	39·57	—27·94

(*c*) The figures under this head include the lands under this Anicut in the Chingleput District also.
(*d*) The figure include the lands under this work in the Trichinopoly District also.

Comparative Statement of Irrigation and Rainfall for the years 1880-81 and 1881-82 in the several Districts —(concluded).

DISTRICTS.	Total Area in Acres.	Cultivable Area in Acres.	Cultivated Area in Acres.	AREA IRRIGATED.									Percentage of Increase or Decrease in 1881-82.	RAINFALL.		
				Sown from April to November 1881.			Sown from December 1881 to March 1882.			Whole Year of 1881-82.				1880-81.	1881-82	Percentage of Increase or Decrease in 1881-82.
				Total Area.	In comparison with 1880-81.		Total Area.	In comparison with 1880-81.		Total Area.	In comparison with 1880-81.					
					Increase.	Decrease.		Increase.	Decrease.		Increase.	Decrease.				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Trichinopoly.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.		Inches.	Inches.	
Government land	1,627,003	1,284,521	860,900	104,071	...	472	55,489	...	5,799	159,560	...	6,271	−3·93	...	...	...
Inâm land	232,970	189,877	117,114	17,291	482	...	4,739	663	...	22,030	1,145	...	+5·19	...	...	...
Zemindari	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
TOTAL	1,859,973	1,474,398	978,014	121,362	10	...	60,228	...	5,136	181,590	...	5,126	−2·82	41·68	32·90	−21·06
Madura.																
Government land	1,719,355	1,316,034	727,603	103,487	16,006	...	32,210	...	18,483	135,697	...	2,477	−1·79	...	...	...
Inâm land	240,445	222,862	109,891	8,392	1,586	...	3,907	...	1,464	12,299	72	...	+0·60	...	...	...
Zemindari	...	...	...	16	...	...	...	...	...	16	...	...	...	...	...	...
TOTAL	1,959,800	1,538,896	837,494	111,895	17,592	...	36,117	...	19,947	148,012	...	2,405	−1·59	35·90	25·85	−27·99
Tinnevelly.																
Srivaikuntham Anicut. Government land				6,721	...	4,434	17,407	1,596	...	24,126	...	2,838	−11·35	...	...	...
Inâm land				280	...	43	803	105	...	1,083	62	...	+5·72	...	...	...
Zemindari				...	...	391	599	14	...	599	...	377	−62·94	...	...	...
TOTAL	Particulars not known.			7,001	...	4,868	18,809	1,715	...	25,810	...	3,153	−12·22	...	...	...
All other works. Government land				64,854	...	11,170	165,231	4,780	...	230,085	...	6,390	−2·77	...	...	...
Inâm land				4,953	...	530	13,360	644	...	18,313	114	...	...	...	...	...
Zemindari				3,937	...	1,733	15,660	2,372	...	1,759	639	...	+3·57	...	...	...
TOTAL. Government land	1,898,232	1,531,666	1,105,361	71,575	...	15,604	182,638	6,376	...	254,213	...	9,228	−3·63	...	...	...
Inâm land	270,203	236,874	176,249	5,239	...	573	14,163	749	...	19,396	176	...	+0·90	...	...	...
Zemindari	...	...	...	3,937	...	2,124	14,259	2,386	...	18,196	262	...	+1·44	...	...	...
TOTAL	2,168,435	1,768,540	1,281,610	80,745	...	18,301	211,060	9,511	...	291,805	...	8,790	−3·01	33·58	23·01	−31·48
Coimbatore.																
Government land	3,760,771	2,677,805	1,885,342	72,079	...	4,772	20,604	5,089	...	92,683	317	...	+ 0·34	...	...	...
Inâm land	324,511	308,849	215,051	8,716	427	...	2,621	702	...	11,337	1,129	...	+11·06	...	...	...
Zemindari	...	...	...	136	...	2	...	...	...	136	...	2	−1·45	...	...	...
TOTAL	4,085,282	2,986,654	2,100,393	80,931	...	4,347	23,225	5,791	...	104,156	1,444	...	+ 1·41	33·03	20·38	−38·30
Salem.																
Government land	3,654,532	1,710,542	1,019,288	76,418	6,542	...	20,589	...	13,934	97,007	...	7,392	− 7·62	...	...	...
Inâm land	260,532	152,671	92,315	7,940	...	3,760	974	...	745	8,914	...	4,505	−50 53	...	...	...
Zemindari	...	...	...	449	...	...	233	...	..	682	...	...	...	...	...	...
TOTAL	3,915,064	1,863,213	1,111,603	84,807	2,782	...	21,796	...	14,679	106,603	...	11,897	−11·16	37·16	27·04	−27·23
TOTAL ANICUT. Government land				1,107,242	27,420	...	128,166	...	27,652	1,315,408	...	232	— 0·02	...	...	...
Inâm land				390,959	611	...	26,766	...	1,768	327,725	...	1,157	— 0·35	...	...	...
Zemindari				113,833	...	5,677	4,699	937	...	117,532	...	4,740	— 4·03	...	...	...
TOTAL	Particulars not known.			1,601,034	22,354	...	159,631	...	28,483	1,760,665	...	6,129	— 0·35	...	...	...
TOTAL OF OTHER WORKS. Government land				1,635,746	46,056	...	632,300	...	158,989	2,268,045	...	112,933	— 4·98	...	...	...
Inâm land				369,257	...	19,597	131,335	..	42,549	530,592	...	62,146	—11·71	...	...	...
Zemindari				28,451	...	13,419	15,657	627	...	45,108	...	12,792	—28·35	...	...	...
TOTAL	...	...	...	2,004,453	13,040	...	779,292	...	200,911	2,843,745	...	187,871	— 6·61	...	...	...
GRAND TOTAL, INCLUDING ANICUTS AND OTHER WORKS. Government land	42,926,451	26,893,654	15,067,601	2,432,867	73,476	...	760,466	...	186,641	3,583,453	...	113,165	— 3·16	...	...	...
Inâm land	7,860,961	7,174,118	4,033,183	700,316	...	18,986	158,101	...	44,317	858,317	...	63,303	— 7·34	...	...	...
Zemindari	...	...	...	142,284	...	19,096	20,356	1,564	...	162,640	...	17,532	10·78	...	...	...
TOTAL	*50,787,412	*34,067,772	19,100,784	3,665,467	35,394	...	938,923	...	229,394	4,604,410	...	194,000	— 4·21	Average. 37·85	29·31	—22·56

* These figures do not correspond with those given in the similar statement for last year, as corrections in these areas have since been made in some districts.
2. Area twice cropped is entered twice over in Column 4. This accounts for the extent entered in that column being in some cases higher than the figures in Column 3.

E. GIBSON,
Acting Secretary.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

[TELEGRAPH.]

ABSTRACT OF FOREIGN TRAFFIC FOR THE MONTH OF JULY 1882.

CLASS OF MESSAGES.	ROUTE.																		TOTAL.	
	WEST.								EAST.											
	Via Teheran.		Via Turkey.		Persian Gulf.		Via Suez.		Via Amur.		Via Madras.		Via Rangoon.		Native Burma.		Via Paunbeen.			
	No.	Indian Value.	No.	Indian Value.	No.	Indian Value.	No.	Indian Value.	No.	Indian Value.	No.	Indian Value.	No.	Indian Value.	No.	Indian Value.	No.	Indian Value.	No.	Indian Value.
		₹ a.		₹ a.		₹ a.		₹ a.		₹ a.		₹ a.		₹ a.		₹ a.		₹ a.		₹ a.
INDIAN.																				
Sent . .	5,226	19,792 5	104	340 0	29	118 15	1,302	6,740 9	37	90 9	743	1,375 4	129	335 15	373	1,458 5	1,591	3,073 15	9,534	33,334 13
Received . .	4,132	20,510 3	274	873 10	34	168 1	1,285	5,225 8	22	65 13	822	2,598 15	162	499 10	...	...	1,676	3,359 15	8,407	33,261 11
TOTAL .	9,358	40,302 8	378	1,213 10	63	287 0	2,587	11,966 1	59	156 6	1,565	3,974 3	291	795 9	373	1,458 5	3,267	6,433 14	17,941	66,596 8
TRANSIT.																				
From East to West—																				
Received { Vid Madras .	2,976	12,114 7	8	39 6	6	12 12	1,298	5,206 10	...	...	...	...	...	...	...	...	...	...	4,288	17,373 3
" Rangoon	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" Lalnghat	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" Paumben	290	851 1	1	1 12	1	27 2	155	538 6	...	...	...	...	...	...	...	...	...	...	447	1,418 5
From West to East—																				
Sent { Vid [illegible] .	2,945	12,245 12	191	684 0	8	30 6	855	3,249 14	18	49 14	...	...	...	...	...	...	...	...	4,017	16,259 14
" [illegible]	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" [illegible]	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" [illegible]	304	1,008 12	9	24 14	...	...	96	351 3	1	8 10	...	...	...	...	...	...	...	...	370	1,393 7
From West to East—																				
Vid Bombay and Karachi.	1,088	4,181 7	5	41 7	4	33 6	...	...	...	...	...	...	...	...	...	...	...	...	1,097	4,256 4
Vid Karachi and Bombay.	662	2,926 10	20	59 4	3	16 14	...	...	...	...	...	...	...	...	...	...	...	...	688	3,002 12
From East to East—																				
Vid Paumben	...	...	...	...	...	...	...	...	...	...	41	179 15	1	5 9	...	...	...	...	42	185 8
" Madras .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	34	113 2	34	113 2
" Rangoon .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	4 6	...	...	1	4 6
TOTAL .	[illegible]	[illegible] 1	334	980 11	22	120 8	2,404	9,346 1	19	58 8	41	179 15	1	5 9	1	4 6	34	113 2	10,961	43,256 12
GRAND TOTAL .																			28,922	1,10,548 5

ABSTRACT OF FOREIGN TRAFFIC WITH INDIA BY THE INDO-EUROPEAN AND RED SEA ROUTES FOR THE MONTH OF JULY 1882.

ROUTE.		Number of Messages by each Route (exclusive of Transit).			Percentage of Number.		
		To India.	From India.	Total.	To India.	From India.	Total.
Indo-European	Vid Teheran	4,132	5,226	9,358	72·17	73·45	75·55
	" Turkey	274	104	378	4·79	1·56	3·05
	Persian Gulf vid Karachi	34	29	63	0·59	0·44	0·51
Red Sea	Vid Suez	1,285	1,302	2,587	22·45	19·55	20·89
	TOTAL	5,725	6,661	12,386	100·00	100·00	100·00

GOVERNMENT OF INDIA.

DEPARTMENT OF FINANCE AND COMMERCE.

Comparative Statement of the Net Indian Sea and Land Customs Revenue (excluding Salt Revenue) for the first seven months of the official year 1882-83, and of the eleven preceding years.

(IN THOUSANDS OF RUPEES.)

YEAR.	FOR THE SEVEN MONTHS, APRIL TO OCTOBER.																							
	Bengal.				Bombay.				Sindh.				Madras.				British Burma.				Total British India.			
	On Imports of Liquors.	On other Imports.	On Exports.	Total Revenue.	On Imports of Liquors.	On other Imports.	On Exports.	Total Revenue.	On Imports of Liquors.	On other Imports.	On Exports.	Total Revenue.	On Imports of Liquors.	On other Imports.	On Exports.	Total Revenue.	On Imports of Liquors.	On other Imports.	On Exports.	Total Revenue.	On Imports of Liquors.	On other Imports.	Export Revenue.	Total Revenue.
1871-72 .	5,80	41,51	11,68	58,99	4,21	23,72	2,19	30,12	73	71	97	2,41	2,01	7,31	8,29	17,61	90	2,39	10,72	14,01	13,65	75,64	33,85	1,23,14
1872-73 .	7,16	42,07	12,77	62,00	3,19	23,87	1,80	28,86	65	65	1,20	2,69	2,26	6,86	6,55	15,67	1,82	2, 1	19,53	24,' 6	15,08	76,16	41,94	1,33,18
1873-74 .	5,84	40,14	9,35	55,33	3,46	23,11	1,78	28,35	71	46	66	1,83	2,07	7,87	8,06	18,00	1,95	2,78	15,46	20,19	14,03	74,36	35,31	1,23,70
1874-75 .	6,68	45,62	6,83	59,03	3,88	26,13	1,94	31,95	66	38	76	1,80	2,01	7,95	7,83	17,79	2,28	3,75	10,24	16,27	15,51	83,73	27,60	1,26,84
1875-76 .	6,92	43,56	8,11	58,59	3,90	22,60	3,45	29,95	73	54	92	2,19	2,37	8,33	7,68	18,38	2,18	2,78	18,51	23,47	16,10	77,81	38,67	1,32,58
1876-77 .	7,23	37,99	7,41	52,63	4,57	22,10	58	27,25	90	42	13	1,45	3,20	7,42	5,02	15,64	2,59	3,04	13,00	18,63	18,49	70,97	26,14	1,15,60
1877-78 .	8,46	47,66	8,64	64,66	4,89	25,79	52	31,20	1,19	49	22	1,90	3,07	4,63	1,14	8,84	2,81	3,33	9,65	15,79	20,42	81,80	20,17	1,22,39
1878-79 .	7,45	38,84	7,75	54,04	4,78	23,32	1,25	29,35	1,03	32	11	1,46	3,29	5,48	2,50	11,27	4,02	3,95	14,44	22,41	20,57	71,91	26,05	1,18,53
1879-80 .	6,68	35,70	5,23	47,61	5,19	19,68	1,02	25,89	1,79	45	11	2,35	3,11	5,34	3,70	12,15	3,96	3,60	17,39	24,95	20,73	64,77	27,45	1,12,90
1880-81 .	7,52	34,66	6,51	48,69	4,89	28,25	1,03	34,17	2,60	64	13	3,37	2,82	6,14	5,21	14,17	2,68	4,53	19,36	26,57	20,51	74,22	32,24	1,26,97
1881-82 .	7,50	32,69	8,80	48,99	5,89	25,50	85	32,24	2,24	71	17	3,12	2,78	5,69	3,38	11,85	3,93	4,42	22,92	31,27	22,34	69,01	36,12	1,27,47
1882-83 .	7,94	10	8,84	16,88	5,74	—96*	75	5,53	2,08	4	31	2,38	3,18	1	2,41	5,60	4,65	6	28,40	33,11	23,54	—75*	40,71	63,5

* The amount refunded is greater than the duty collected.

D. M. BARR,
Secretary to the Govern

DEPARTMENT OF FINANCE AND COMMERCE,
STATISTICAL BRANCH;
Calcutta, 16th November 1882.

GOVERNMENT OF INDIA.

DEPARTMENT OF FINANCE AND COMMERCE.

SUPPLEMENT TO THE STATEMENT OF PRICES CURRENT OF FOOD-GRAINS FOR THE 1st HALF OF OCTOBER 1882, PUBLISHED IN PAGES 1504, 1505, 1508 AND 1509 OF THE SUPPLEMENT TO THE "GAZETTE OF INDIA," DATED 11th NOVEMBER 1882.

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

Provinces.	Districts.	Rice. Common. Present fortnight. Rs. A. per maund.	Rice. Common. Present fortnight. S. C.	Rice. Common. Past fortnight. Rs. A. per maund.	Rice. Common. Past fortnight. S. C.	Rice. Common. Corresponding fortnight of last year. Rs. A. per maund.	Rice. Common. Corresponding fortnight of last year. S. C.	Rice. Best sort. Present fortnight. S. C.	Rice. Best sort. Past fortnight. S. C.	Rice. Best sort. Corresponding fortnight of last year. S. C.	Barley. Present fortnight. S. C.	Barley. Past fortnight. S. C.	Barley. Corresponding fortnight of last year. S. C.	Wheat. Present fortnight. S. C.	Wheat. Past fortnight. S. C.	Wheat. Corresponding fortnight of last year. S. C.	Great Millet (Cholum, Jowari), *Holcus Sorghum.* Present fortnight. S. C.	Great Millet (Cholum, Jowari), *Holcus Sorghum.* Past fortnight. S. C.	Great Millet (Cholum, Jowari), *Holcus Sorghum.* Corresponding fortnight of last year. S. C.	Bulrush Millet (Cumboo, Bajri), *Penicillaria Spicata.* Present fortnight. S. C.	Bulrush Millet (Cumboo, Bajri), *Penicillaria Spicata.* Past fortnight. S. C.	Bulrush Millet (Cumboo, Bajri), *Penicillaria Spicata.* Corresponding fortnight of last year. S. C.	Lesser Millets, Ragi, &c. (Kavaru, Varagoo, Sawee, Cheena, Coraloo, Marhwa, Nuelee, &c.), *Paniceum Miliaceum, Eleusine Coracana, &c.* Present fortnight. S. C.	Lesser Millets, Ragi, &c. (Kavaru, Varagoo, Sawee, Cheena, Coraloo, Marhwa, Nuelee, &c.), *Paniceum Miliaceum, Eleusine Coracana, &c.* Past fortnight. S. C.	Lesser Millets, Ragi, &c. (Kavaru, Varagoo, Sawee, Cheena, Coraloo, Marhwa, Nuelee, &c.), *Paniceum Miliaceum, Eleusine Coracana, &c.* Corresponding fortnight of last year. S. C.	Gram. Present fortnight. S. C.	Gram. Past fortnight. S. C.	Gram. Corresponding fortnight of last year. S. C.	Firewood. Present fortnight. S. C.	Firewood. Past fortnight. S. C.	Firewood. Corresponding fortnight of last year. S. C.	Salt. Wholesale. Present fortnight. Rs. A. per maund.	Salt. Wholesale. Past fortnight. Rs. A. per maund.	Salt. Wholesale. Corresponding fortnight of last year. Rs. A. per maund.	Salt. Retail. Present fortnight. S. C.	Salt. Retail. Past fortnight. S. C.	Salt. Retail. Corresponding fortnight of last year. S. C.
ASSAM.	Sylhet		10		10		10		10		...	...	...	10	10	8	8	8	10	8	13	0	16	12	0	0	0	0	3	2	3	2	12	12	12	9	8	8
	Cachar		10		10		10		10		0	16	0	20	0	9	6	11	13	20	0	0	16	13	17	12	8	4	0	4	3	4	4	10	11	13	9	9	9
	Goalpára		23		0	22	0	22	0	26	0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Gáro Hills		4		0	4	0	4	0	4	0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Kámrúp		18		0	20	0	10	0*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Darrang		...		...		...		...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Nowgong		...		...		...		...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sibságar		...		...		...		...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Lakhimpur		8		0	8	0	8	0	8	0	10	0	10	0	8	0	10	0	8	0	11	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Khási & Jaintiá Hills		8		0	8	0	8	0	8	0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Nágа Hills		...		...		...		...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
RAJPUTANA.	Banswara (Meywar Agency)		21		20		21		20		...	...	...	14	20	14	18	14	12	21	14	0	35	24	18	2	4	0	7	10	3	0	6	8	6	6	6	8	8
	Partábgarh (")																																							
	Bikaner		13		14		13		14		...	...	...	6	11	6	11	0	0	3	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

* The figures (17) given in the last year's return were wrong, and should have been 10.

D. M. BARBOUR,
Secretary to the Government of India.

DEPARTMENT OF FINANCE AND COMMERCE,
(*Statistical Branch.*)

GOVERNMENT OF INDIA.

REVENUE AND AGRICULTURAL DEPARTMENT.

REPORTS ON THE STATE OF THE SEASON AND PROSPECTS OF THE CROPS FOR THE WEEK ENDING THE 14th NOVEMBER 1882.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Madras— (Nov. 15th)		
Bellary	·82 (average of four stations).	Standing crops generally good; harvest paddy and dry grains, yield average.
Kurnool	·41 (average of three stations).	More rain wanted for dry crops, wet crops withering in five talukas; harvest early dry crops, outturn generally below average; cattle disease in parts.
Ganjam	·80 (average of nine stations).	More rain wanted for standing crops; dry grains and sugarcane thriving; harvest paddy, outturn average; fever, small-pox and cattle disease continue.
Kistna	1·08 (average of eleven stations).	Standing crops paddy affected by grub in three talukas; harvest dry grains and tobacco, yield below average; fever and cattle disease prevail; water over anicut 2·34 feet.
Chingleput (Madras)	1·45 (average of eleven stations).	Standing crops good under river channels, larger tanks and wells, elsewhere withering from want of rain; harvest paddy and dry grains, yield below average; fever, small-pox and cattle disease in parts.
Coimbatore	2·85 (average of sixteen stations).	Standing crops good; harvest wet and dry grains, yield average; fever, small-pox, cholera and cattle disease in parts.
Tanjore	1·62 (average of thirteen stations).	Standing crops good except in parts upland; harvest wet and dry grains, outturn below average.
Madura	1·94 (average of ten stations).	Standing crops fair except in two talukas; cholera in parts.
Malabar	1·76 (average of thirteen stations.	Second crop progressing; small-pox and fever slight in parts.
Travancore	2·17	Agricultural operations progressing; fever continues. *General Remarks.*—General prospects good.
Bombay—(Nov. 15th)		
Kurrachee		River at Kotri on 13th, 6 feet 7 inches against 6½ feet on same date last year; fever and colds in all talukas; two cases of small-pox in Sujawal taluka; cattle disease in Sakra; wheat, red rice and *bajri* in Dadu 34, 40 and 56, in Mirpur Batoro 22, 48 and 56, in Tatta 24, 32 and 46, and in Kotri 30 and 50 lbs. per rupee respectively.
Hyderabad		*Kharif* crops are being thrashed; *rabi* sowing still continues; days unusually hot, north winds not set in; small-pox in Hyderabad; cattle disease in Badin and fever in twelve talukas; wheat 25, *bajri* 44, *jowari* 50, rice red 32 and rice white 22 lbs. per rupee.
Ahmedabad		Sowing of wheat and gram continues, other crops doing well; fever in Dholka, Veramgaum, Gogo and Parentij; cattle disease continues in Sanand; wheat 28 and *bajri* 33 lbs. per rupee.
Baroda		*Kharif* harvesting and *rabi* sowing continue; slight cholera in Amreli and Dehgam; *bajri* 33 and rice common 24½ lbs. per rupee.
Surat		*Rabi* sowing progressing; standing crops healthy; *jowari* 39, and *nagli* 59 lbs. per rupee.
Nasik		Locusts gone save in Peint and Ghát tracts; *rabi* prospects good on the whole; distress reported in Chandore; *bajri* harvested; wheat 25, *jowari* 44, *bajri* 36, and rice 26 lbs. per rupee.
Colaba (Bombay)		Abnormal temperature *nil* on 8th and 14th; 1° cool on 9th and 11th, 2° cool on 10th and 12th, and 3° cool on 13th; vapour in air normal except on 14th when it was in defect of normal; wind normal.
Poona		*Rabi* sowing completed; locusts disappearing; *bajri* 46, and *jowari* 57 lbs. per rupee, in Poona *bajri* 39 and *jowari* 52 lbs. per rupee.
Ahmednagar		Rain urgently wanted; *rabi* crops withering; reaping of *bajri* completed; locusts almost disappeared; *bajri*, maximum 66 lbs. per rupee in Jamkhed, minimum 42 lbs. in Akola; *jowari*, maximum 96 lbs. per rupee in Jamkhed, minimum 48 lbs. in Akola.
Sholapore		Rain badly wanted; *bajri* 59 lbs. 16 tolas, and *jowari* 80 lbs. 17 tolas per rupee.
Dharwar	Slight rain in Gadag, Hangal and Karajgi.	Harvesting of early crops in progress; sowing of late crops finished in three talukas and progressing in others; three cholera cases in a village of Ron taluka; slight cattle disease in two talukas; rice, minimum 20, and *jowari* 52 lbs. per rupee.
Kanara		Rice harvest continues in all talukas except Karwar where second crop preparations commenced; *ragi* harvest in Sirsi and Sidapur; small-pox subsiding in Sidapur; fever in two talukas; common rice at Karwar 11 seers, in district, average 13½ seers per rupee.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Bomb y—*contd.*		
Rajkot	. . .	Weather cold; general health fair; cholera slight in Junagad, Navanagar and Rajkot talukas, disappeared from Dhrol and Gondal; fever in Navanagar, Dhrol, Gondal, Mengui, Lodhika and Bagasra; *bajri* 30 and *jowari* 33 lbs. per rupee. *General Remarks.*—Harvesting *kharif* and sowing *rabi* completed in some districts, in progress in the rest; rain urgently wanted for *rabi* in Ahmednagar and Sholapur, also in Satara; locusts in parts of Nasik and Satara; fever and cattle disease in some districts; slight cholera and small-pox in a few.
Bengal—		
Chittagong . . .	1·17	Weather variable, beginning to get cold; prospects of crops good; cattle disease prevails; fever and small-pox reported from Cox's Bazar; prices stationary.
Dacca	*Nil*	Winter crops being put in; rice promising well.
24-Pergunnahs (Alipore)	*Nil*	Prospects of late rice and sugarcane continue satisfactory; sowings of winter crops going on; price of common rice stationary; public health generally good, though isolated cases of cholera and fever reported from Baraset and Diamond Harbour Sub divisions.
Moorshedabad . .	·29	*Aman* crops promising; other crops doing well; *rabi* being sown; fever prevails here and there.
Rajshahye . . .	*Nil*	Prospects generally favourable; cholera in parts of district; fever prevalent.
Burdwan . . .	*Nil*	Prospects of winter crops fairly good; sugarcane doing well; a considerable amount of fever in the district.
Rungpore . . .	*Nil*	Weather seasonable; prospects of crops good; cultivation of lands for tobacco, mustard, and potatoes going on; public health good.
Bhagalpur . . .	*Nil*	*Rabi* sowings in progress; cutting of *aghani dhan* begun; prospects of crops good; fever prevalent in Muddehpoora and Soopole Sub-divisions.
Purneah . . .	*Nil*	Prospects of crops fair; winter crops being sown; public health bad; fever very prevalent.
Patna	*Nil*	*Rabi* sowings continue; wheat, barley, and gram have germinated; *rahar*, cotton, and castor promise well; *bhadoi* harvest all over; public health good.
Durbhunga . . .	*Nil*	Prospects of crops fair; public health fair; prices stationary.
Hazaribagh . . .	*Nil*	Weather bright and cool; prospects of rice favourable; *rabi* sowings continue; general health good.
Cuttack	·9	*Sarad* rice ripening; no more rain wanted; prospects of crops excellent; public health good.
		General Remarks. Some rain fell in Chittagong, and a slight shower in Moorshedabad and Cuttack, none in the other reporting districts; prospects of late rice not very satisfactory in several places owing to want of early rains, but the crop on the whole is expected to be a fair one; sugarcane crops generally promising; prospects of winter crops generally reported to be favourable. In Chittagong Hill Tracts cotton crop is said to have suffered materially from the heavy rain of the preceding week; fever reported from almost all the districts of the Burdwan and Presidency Divisions and from a few other districts, but it is said to be bad in Purneah; there is still cholera in some places; small-pox reported from one or two places; public health otherwise good.
N.-W. Provinces and Oudh—		
Benares (Nov. 14th)	*Nil*	Weather seasonable; *rabi* sowings almost completed; rice crop good; no sickness amongst men or cattle; prices steady.
Allahabad („ 15th)	*Nil*	Prices falling; health very good; young crops doing well; *juar* and *bajra* nearly harvested; prospects very good.
Gorakhpur („ 13th)	. . .	Weather fine; crops promising; health good; prices stationary.
Jhansi („ „)	. . .	Except *juar* and *bajra*, all *kharif* grains are cut; *rabi* sowings still in progress and are germinating well; prices stationary; fever prevalent; no cattle disease.
Agra („ 14th)	*Nil*	*Kharif* being harvested; *rabi* sowings continue, and standing *rabi* crops being irrigated; fever abating; general health good; prices stationary.
Bareilly („ „)	. . .	Weather good; health much improved, and fever abating; *rabi* sowings completed; prospects excellent.
Meerut („ „)	*Nil*	Health good; weather mild; *kharif* harvest nearly over, and *rabi* sowings about finished; markets fairly supplied; exports stopped; cotton coming into market.
Kumaun („ „)	Slight drizzling on the 12th.	Rain wanted; health good; cattle disease continues; prices unchanged.
Lucknow (Nov. 14th)	*Nil*	Outturn of *kharif* harvest poor; *rabi* sowings completed, except in *dofasli* lands; rain much wanted; want of fodder felt; public health good.
Partabgarh („ „)	. . .	Prices almost stationary; *bajra* yield light; irrigation going on; fever at Kanda, also slight cattle disease; cholera is dying out
Sitapur („ „)	*Nil*	Wind west during the week; *rabi* sowings completed, and crops being irrigated where water is procurable; prices steady.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
N.-W. P. & Oudh—*contd.*		
Fyzabad (Nov. 14th)	*Nil*	Irrigation going on; prospects good; cattle disease and fever still in part of district.
Rae Bareli („ 13th)	*Nil*	*Juar*, *urd* and *morhi* being harvested; *rabi* sowings completed; fever and cholera still continue; no cattle disease; prices stationary.
Cawnpore („ 14th)	*Nil*	Irrigated *rabi* crops flourishing; *kharif* harvesting in progress; health good; prices nearly stationary.
Farukhabad („ 13th)	*Nil*	*Rabi* sowings approaching completion; prices steady; fever decreasing. *General Remarks.*—No rain except a slight drizzle in Kumaun; rain wanted in Kumaun and Lucknow, otherwise prospects good. The *kharif* harvest continues; with the exception of the *kharif* crops in Lucknow and the *bajra* crop in Partabgarh, the outturn is fair; cholera is dying out; cattle disease continues in three districts.
Punjab—(Nov. 14th)		
Delhi	*Nil*	Health good; prices stationary; average yield expected.
Hissar	. . .	Rain wanted in Rohtak tehsil; health good; prices fluctuating.
Umballa . . .	*Nil*	Health good; prices stationary.
Jullundur . . .	*Nil*	Health good; prices falling.
Amritsar . . .	*Nil*	Health good; slight fall in prices.
Lahore	*Nil*	Health good; prices steady; crop prospects good.
Ferozepore . . .	*Nil*	Health good; slight fall in prices; crop prospects good.
Sialkot	*Nil*	Health good; prices steady; harvest prospects good.
Rawalpindi . . .	*Nil*	Seasonal fever still prevails; prices steady.
Peshawar . . .	. . .	Rain wanted; slight fever prevailing; prices steady.
Mooltan	*Nil*	Fever abating; prices steady.
Dera-Ismail-Khan . .	*Nil*	Fever still prevalent; prices steady; crop prospects good. *General Remarks.*—Health of the province is generally good; the crop prospects are also good; but rain is wanted in the Rohtak district of the Hissar division and at Peshawar.
Central Provinces—		
Nagpur (Nov. 15th)	. . . .	Cool and pleasant; prospects *rabi* good; fever prevalent; prices steady.
Jubbulpore („ 14th)	. . . .	Cool; *rabi* sowings almost finished; health good; prices unchanged.
Saugor („ 13th)	. . . .	*Rabi* sowings excellent and progressing favourably; fever prevalent; prices steady.
Seoni („ 14th)	. . . .	Clear and cold; *rabi* sowings completed; fever decreasing; prices stationary.
Hoshangabad („ 14th)	. . . .	Cool and clear; *rabi* sowings progressing; fever prevalent; wheat 15 and rice 11 seers per rupee.
Raipur („ 11th)	·36	Clear and chilly; *rabi* sowings progressing; fever continues; prices rising; rice 36 and wheat 29 seers per rupee.
Sambalpur („ 9th)	1·06	Cloudy and close; prospects good; fever continues; rice 56 seers per rupee.
Khandwa („ 14th)	. . . .	Mornings clear and nights chill; *kharif* being reaped; *rabi* sowings progressing; cholera and small-pox prevalent; rice 13 and wheat 16 seers per rupee. *General Remarks.*—Weather growing cold and pleasant; *kharif* crops being harvested; *rabi* sowings almost finished and promise favourably; fever still reported; prices stationary.
British Burma—		
Akyab (Nov. 11th)	2·18	Total rainfall 201·64 inches; public health and health of cattle, both in town and districts, good; crop prospects good.
Rangoon . . .	·09	Total rainfall 101·55 inches; public health good; crops making progress.
Bassein . . .	0·51	Total rainfall 124·97 inches; public health and condition of crop good.
Prome	0·01	Total rainfall 50·06 inches; one death from cholera in town, otherwise public health good; the late rains have benefited the crops, and a fair yield is anticipated.
Amherst (Moulmein) .	*Nil*	Total rainfall 202·90 inches; public health good both in Moulmein and the district; thirteen deaths of cattle reported in two townships; condition of crops good.
Toungoo	0·03	Total rainfall 90·88 inches; seven deaths from cholera in one township and two in another, otherwise public health good. *General Remarks.*—A little cholera in Tavoy, otherwise public health good; crop prospects good; everywhere rains practically over.
Assam—		
Gauhati (Nov. 14th)	1·08	Weather seasonable; mornings cool and foggy; prospects of crops and public health good.
Sylhet („ 15th)	*Nil*	Subordinates are finding out that *sali dhan* will not be a good crop; *aman* promises well; still cholera reported from all directions.
Cachar („ „)	*Nil*	Weather, days hot and nights cool; prospects of *sali* crops favourable; sowing of winter crops progresses; common rice 25⅝ seers per rupee; one case of cholera from Sader, two from Hailakandi and one case of small-pox from Katigoree reported.
Dibrugarh („ „)	0·83	Weather seasonable; prospects of crops good; cattle disease still present; public health good.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Mysore and Coorg—		
Bangalore (Nov. 15th)	·62	Crops in very good condition; prospects fair.
Mysore	·11	Crops in good condition. *General Remarks.*—Rain has fallen throughout the province, except at Shimoga and Chitaldroog; crops in excellent condition, harvesting of *ragi, navane,* wheat, &c., continues; sowing of gram and sugarcane commenced in parts; prospects very good; price of *ragi* Bangalore 35 seers per rupee, Mysore 27¼, Shimoga 25 to 45, Chitaldroog 36 to 50; rice on an average 13 seers per rupee; public health good.
Berar and Hyderabad-		
Amraoti (Nov. 15th)	. . .	Crops in good condition; wheat 16, *jowari* 28 seers.
Akola	. . .	*Kharif* crops progressing favourably; *rabi* sowings completed.
Hyderabad . . .	. . .	Reaping of *kharif* crops nearly concluded; *abi* crops prospering; *tabi* being sown; general health good; prices, wheat 16½, coarse rice 10¾, white *jowari* 28, yellow *jowari* 33, and *tur* 24½ seers per hali sicca rupee.
Central India States—		
Indore (Nov. 15th)	. . .	Weather clear and colder; prospects continue favourable.
Morar (Gwalior) . .	. . .	Weather seasonable; health and prospects good.
Sutna	*Nil*	Health and prospects good.
Sehore	. . .	Weather cool; health and prospects good.
Neemuch . . .	*Nil*	Sowing *rabi* in progress; health good.
Goona	. . .	Crops good; fever prevalent; wheat 22 seers per rupee.
Agar	. . .	Report not received.
Nowgong . . .	. . .	Standing crops good; health fair; prices stationary.
Manpur	. . .	Weather clear and cool; sowings of wheat continue; prices steady.
Rajputana—		
Abu (Nov. 15th)	. . .	Weather cold, seasonable; fever abating.
Sirohi („ 12th)	. . .	Tanks, wells, and health good; crops cut; nights cold.
Ulwur („ 14th)	. . .	*Rabi* sowings continue; *kharif* being harvested; health fair; prices steady.
Harowti („ 11th)	. . .	Outturn of *kharif* somewhat above average; *rabi* sowing almost completed; markets well supplied; weather cooler; health good.
Ajmere („ 14th)	. . .	Getting colder; sowing still continuing for *rabi;* health good.
Jeypore („ „)	. . .	*Rabi* sowings commenced; prices stationary; fever still prevalent.
Nepal—		
Katmandú (Nov. 10th)	*Nil*	Good rice crop; beautiful weather.

E. C. BUCK,
Secretary to the Government of India.

GOVERNMENT OF INDIA.

HOME DEPARTMENT.

TRANSFER OF THE LITTLE COCOS ISLAND AND PREPARIS ISLAND TO THE ADMINISTRATION OF BRITISH BURMA.

No. 1665.

Extract from the Proceedings of the Government of India in the Home Department (Judicial),—dated Simla, 11th November 1882.

Read again—

The following papers regarding the transfer of the Little Cocos Island and Preparis Island to the Administration of British Burma :—

From Chief Commissioner of British Burma, No. 685, dated the 25th January 1882.

To „ „ „ „ No. 1015, dated the 17th July 1882.

To the Superintendent of Port Blair and Nicobars, No. 1016, dated the 17th July 1882.

Despatch from the Government of India to Her Majesty's Secretary of State for India, No. 24, dated the 22nd July 1882.

Read also the following papers :—

From the Superintendent of Port Blair and the Nicobars, No. G.-738, dated 12th August 1882.

Telegram from Her Majesty's Secretary of State for India, dated the 20th September 1882.

To the Chief Commissioner of British Burma, No. 1429, dated the 25th September 1882.

From „ „ „ „ No. 294—36M., dated the 12th October 1882.

Despatch from Her Majesty's Secretary of State for India, No. 28, dated the 28th September 1882.

Endorsement to the Legislative Department, No. 1668, dated the 11th instant.

RESOLUTION.

The Governor General in Council is pleased to direct the transfer of the Little Cocos Island, which is situated in North Latitude 13° 57′, and East Longitude 93° 26′, and of Preparis Island, which is situated in North Latitude 15° and East Longitude 94°, from the Administration of the Chief Commissioner and Superintendent of the Andaman and Nicobar Islands to the Administration of the Chief Commissioner of British Burma.

ORDER.—Ordered, that this Resolution be published in the Supplement to the *Gazette of India* for general information.

A. MACKENZIE,
Secretary to the Government of India.

GOVERNMENT OF INDIA.

REVENUE AND AGRICULTURAL DEPARTMENT.

PROGRAMME OF THE AMSTERDAM INTERNATIONAL EXHIBITION, 1882.

No. 288 M. and Ex.

Extract from the Proceedings of the Government of India in the Revenue and Agricultural Department, dated Simla, the 14th November 1882.

Read the following Despatch and its enclosures from the Secretary of State, regarding the International Exhibition to be held in Amsterdam in 1883 :—

No. 161, dated India Office, London, the 12th October 1882.

From—The Secretary of State for India,

To—The Government of India.

I have received your letter of 29th July last, No. 2 (Exhibitions), stating that your Government has made a grant of Rs. 12,000 for the purpose of exhibiting a collection of Indian raw products at the proposed Amsterdam Exhibition, and asking that a space of 10,000 superficial feet may be reserved for India.

2. I telegraphed to you on the 22nd ultimo, asking whether the above-named space included any area required by Madras and Bombay, and from your reply dated the 27th ultimo I learn that such is the case. The necessary arrangements for reserving this space will therefore be made at once.

3. The enclosed papers issued by the Central Committee of the Exhibition will show the arrangements made as regards the dates of opening and closing the Exhibition, as well as the latest date for the reception of goods. As regards Indian exhibits, an endeavour will be made to obtain sanction for their admission up to a somewhat later date than February 1st next, and any arrangement that may be made concerning them will be communicated to you hereafter.

4. With reference to the request in the latter part of paragraph 3 of your letter under reply, I have appointed a Committee consisting of the gentlemen named in the margin to deal with all the necessary arrangements in London and Amsterdam connected with the forthcoming Exhibition, and I concur in your proposal that the Secretary in the Revenue and Agricultural Department should arrange all matters of detail in direct communication with the Secretary to the above Committee.

Sir L. Mallet.
Mr. W. G. Pedder.
Sir G. Birdwood.
Managing Secretary.
Mr. J. R. Royle.

5. The Secretary in the Revenue and Agricultural Department will be furnished in due course with address labels for the cases to be despatched from India, and arrangements will be made for the reception of the goods on their arrival in Amsterdam.

KINGDOM OF THE NETHERLANDS.—CITY OF AMSTERDAM.

International Exhibition of Colonial Objects and of General Exportation.—May 1883 October.

GENERAL PROGRAMME.

The brilliant success achieved by the city of Amsterdam in obtaining a direct road of communication to the North Sea, and by which she has maintained her ancient reputation of being the first commercial city in the Kingdom, has given her a fresh stimulus to show renewed signs of life and energy in every department of human knowledge. A Committee, selected from the most influential men of the town, purpose to organise an International Exhibition of Colonial Objects and of General Exportation for the year 1883.

One of the principal objects of this Exhibition will be to promote the interests of the Dutch Colonies as well as those of the Colonies of other nations, who, it is confidently expected, will gladly support and patronise this work.

London, Paris, Vienna, and other important places, in the latter part of the present century, have successively collected at their Exhibitions the products of Trade and Industry, of Agriculture and Horticulture, of Science and Art, in a manner calculated to raise the admiration of the whole world.

Of late years the great cities of the New World, Philadelphia, Sydney, and Melbourne have successfully followed their example.

As one of the eldest Colonial Powers, Holland would claim the privilege and the honour of taking the initiative in organising a concourse between the various colonising peoples, such as has never yet taken place.

The Committee selected for the execution of this project is convinced that an Exhibition of this kind, whilst spreading a new light on the Colonies in general, cannot fail to be of immense interest.

Much as has been done for stimulating the spirit of enterprise, and securing the success of fresh commercial designs, there still remains a great deal to achieve in propagating a vaster knowledge of those countries, whose inexhaustible wealth of the soil only wants knowledge and capital—those powerful levers of our age—in order to contribute most thoroughly to the universal prosperity.

There is perhaps no fitter medium for the spreading of more knowledge concerning Colonies than a Colonial Exhibition, where, with the aid of History and Science, is shown what those Colonies were and what they actually are.

The projected Exhibition will be subdivided into five great departments :—

1st.—Colonial Exhibition.
2nd.—General Export-Exhibition.
3rd.—Retrospective Exhibition of Fine Arts and Arts applied to Industry.
4th.—Special Exhibitions.
5th.—Scientific Lectures and Meetings.

ART. 1. The Colonial Department forms the main basis of the Exhibition.

A comparative inquiry into the various systems of Colonisation, of tropical Agriculture, of the Exploitation of the treasures of the soil, promises to be a useful and original labour, worthy of the general interest.

This Exhibition should not be limited to a mere show of materials and products, but must also offer an opportunity of comparing the manners and customs of the natives of the trans-Atlantic regions.

Public works and means of conveyance, as being the foundations of prosperity and civilisation, should form part of the Exhibition.

It is likewise thought desirable to represent specimens from the fauna and flora of the Colonies, as images of the luxuriant nature of the tropical countries.

Finally, the Army and Navy, those bulwarks of liberty, should not be wanting.

ART. 2. The second department will contain all that belongs or relates to the General Export Trade. A vast space will be set apart for Industry as applied to the transformation of matter, whilst Industry and Commerce will find ample opportunity for honest competition.

ART. 3. In the third department will be exhibited specimens of Art from the remotest times, as an instructive picture of the ideas that have existed with regard to them among the original peoples, and how these ideas have been developed under the influence of civilisation.

A comparative inquiry into the fine arts of different periods and nations seems highly interesting.

ART. 4. The object of the fourth department is that of Temporary Exhibitions. These will be for the greater part of a national character, so as to show the native products of Agriculture and Industry and as tending to promote the general interest.

ART. 5. The fifth department is the intellectual part of the Exhibition. Scientific lectures and meetings will offer an opportunity to the men of science, those pioneers of civilisation, to communicate their ideas on and discuss the interests of Trade and Industry, of Science and Art, International Law, Education, Hygiene, &c.—Colonial Economy, especially the relations between the mother-country and colony, will occupy a first place in the list of interesting subjects of discussion.

The interests of mankind are universal, as the human genius is.

We venture to hope that the invitation which the Dutch Government will forward to the other European Powers, for a hearty support of the Colonial Exhibition of Amsterdam, will meet with a favourable reception, so that by a general co-operation a complete success may be secured.

Even the mightiest nations will profit by occasionally entering into intellectual contests with their rivals, be it only for the purpose of showing that power and wealth, supported by moral and intellectual energy, will ever continue to deserve the esteem of the whole civilised world.

Extending the commercial operations, encouraging industry, raising the moral force of nations, strengthening the bond of union among the peoples,—those will be the salutary fruits of so many united efforts, both for the colonies and the mother-country.

For the Executive Committee.

AMSTERDAM, *August 15th* 1881. D. CORDES, *President.*

S. DE CLERCQ, WZN., *Deputy Member.*

E. AGOSTINI, *General Commissary.* J. KAPPEYNE VAN DE COPPELLO, *Secretary.*

GENERAL REGULATIONS.

First Section.

Patronage, Commission of Organisation, Executive Committee, General Commission, Provincial and Colonial Committees, Foreign Commissions.

Article I.—Under the high Patronage of His Majesty the King of the Netherlands and of the Government of the Netherlands, and under the honorary presidency of His Excellency the Minister of Colonies, an International Colonial and General Export Trade Exhibition will be held in Amsterdam in the year 1883.

This Exhibition will contain—

1°. Produce of the Colonies.

2°. Articles of General Export.

3°. Works of Art and Antiquities.

It will give opportunity for competitive exhibitions of—

4°. Living Animals, Flowers, Fruit, &c.

5°. For Congresses and Conferences.

It will be opened on the 1st of May 1883 and have a minimum duration of five months.

Article II.—The Exhibition is organised by a Commission called the Committee of Organisation. It is placed under the direction of an Executive Committee, represented by a Delegate.

The administration and general management is entrusted to a Commissioner General.

Article III.—Provincial and Colonial Committees are formed, having for function—

1°. To make known within their province the object and purport of the Exhibition.

2°. To promulgate informations concerning its organisation and to distribute the forms for requests of admission and all other documents.

3°. To find out the most prominent inhabitants of colonies, agriculturists, manufacturers, artists, &c., whose admission to the Exhibition would tend especially to enhance its solemnity; and to indicate the importing merchants, exporters, &c., fit to lend efficacy to the organisation for competition.

4°. To call forth exhibitions of agricultural and horticultural products of the colonies and provinces.

5°. To call forth and, eventually, to organise the collective grouping of similar products of the colonies and the provinces, and to accredit to the executive committees Delegates charged with representing each collective exhibition.

Article IV.—The Foreign Commissions appointed by the several countries at the request of the Government of the Netherlands are invited to communicate as early as possible with the Executive Committee, and to have themselves represented there by Delegates.

Each Delegate will be appointed to treat with the Commissioner General on questions touching his nation.

Second Section.

Commissioners of Groups, Juries, Rewards.

Article V.—For every group in the Exhibition of the Netherlands and the Dutch Colonies a special commissioner will be appointed charged with—

1°. Preparatory labours for the organisation of his group.

2°. Transmitting to the Commissioner General all claims of his exhibitors, and to detect all breaches of the rules, which he is bound to execute strictly.

The Foreign Commissions or their Delegates are charged with presiding at the installation of the exhibits of their nation.

Article VI.—Rewards will be granted by an International Jury.

The Jury will be divided into sections corresponding to the groups and classes of the Exhibition.

Article VII.—The rewards will consist of—

1°. Diploma of Honour.
2°. „ for Gold Medal.
3°. „ „ Silver Medal.
4°. „ „ Bronze Medal.
5°. „ „ Honourable Mention.

Every Diploma of Medal will be accompanied by an official Medal of Bronze.

These rewards will be apportioned on the reports of juries to the exhibitors whose contributions are pronounced to be of incontestable superiority.

A special regulation for the procedure of the jury will be drawn up later.

Third Section.

Arrangement of Products.—Catalogue.

Article VIII.—The articles exhibited will be arranged for every nation into nine groups for the two first divisions. Each group is divided into classes according to the system of the General Classification.

Article IX.—An official catalogue of the produce of all nations and the names of the exhibitors will be drawn up in the French and Dutch languages.

Fourth Section.

Admission of Exhibitors.—Installations.

Article X.—Applications for admission will be sent up to the Commissioner General and submitted to the Executive Committee, which will decide in the highest instance as to the admission of the applicants.

The Commissioner General will be charged with sending the certificates of admission to every admitted exhibitor.

Article XI.—The space allotted will be placed at the disposition of the exhibitors, subject to the following charges :—

Galleries of the main building.	For every superficial meter	...	25 guilders.
„ „ „ „ „ „ „	for isolated spaces	...	50 „
Annex galleries in the gardens	„ „ „	...	12,50 „
Space in the open air	„ „ „	...	7,50 „

Article XII.—The industrial exhibitors requiring water, gas or steam must state so on applying for admission, indicating the quantity of water, gas or steam required.

The supply of water, gas or steam furnished by the administration is subject to a proportionate charge, regulated according to a special tariff, which will be at the disposal of parties interested.

Article XIII.—The exhibitors that are admitted will receive in due course all the necessary informations, particular regulations and printed addresses for the despatch and transport of their products.

The addresses will contain the following printed indications :—

1°. The number of the group.

2°. „ „ „ class.

3°. „ labelled address as follows :—

International Exhibition of Amsterdam, 1883, Amsterdam, Netherlands.

Colonial Section or Section of General Export or, &c., &c.

The packages must bear on one side of the address in large characters and on paper of the national colours :—

1°. The nationality.
2°. The name of the exhibitor.
3°. His address.
4°. His consecutive number.

Article XIV.—The Exhibition enclosures will be constituted bonded warehouses, where the foreign products will be admitted as in transit.

Article XV.—Every exhibitor must attend either personally or through his agent to the despatch, transport, and reception of his packages, as also to the declaration of their contents.

If the exhibitor or his agent is not present to receive the packages on their arrival within the enclosures of the Exhibition, the supervisor will be charged to remove them immediately and store them at the expense of the exhibitor.

Article XVI.—The exhibitor who shall not have stalled his contributions before the 20th April 1883 will lose all his right on the space allotted; his application for admission and the certificate addressed to him will be considered null and void. The Commissioner General, after conferring with the Executive Committee, shall have the power of disposing immediately of the space allowed for his exhibits, without any judicial or extra-judicial formalities.

Article XVII.—The cases and other wrappings of packages after unpacking must be removed by the exhibitors or their agents; if not, they will be removed under the direction of the administration, without the latter incurring any responsibility in the discharge of their duty, and this at the expense of the exhibitor.

The storing and keep of empty cases, &c., will take place at the charge of the exhibitors, and must be done outside the enclosures of the building, either by themselves or by the supervisor, after a special tariff.

It is distinctly understood that all the cost of packing, transport, keeping, unpacking, putting up and return, &c., &c., will be at the expense of the exhibitor.

Immediately after the close of the Exhibition, the exhibitors must proceed to remove their exhibits. This operation must be completed by the 31st December 1883.

After this date, the products, packages, &c., which shall not have been withdrawn by the exhibitors or their agents, will be removed officially, and stored at the expense, risk and peril of the exhibitors.

The articles which shall not have been withdrawn from the storehouse on the 31st May 1884 will be put to public sale, and the net proceeds handed to the Municipality of Amsterdam for the benefit of the Poor Fund.

FIFTH SECTION.

Administration and Police.

Article XVIII.—All Colonial products and articles of exportation are admitted into the Exhibition, save the following :—

Detonating and explosive materials, and, in general, every article considered dangerous.

Spirits or alcohol, oils and essences, corrosive materials, and, in general, whatever may damage other exhibited products or incommode the public, will not be received excepting in solid and appropriate receptacles and of limited sizes.

Percussion caps, fireworks, chemical matches, and other analogous objects, cannot be received except in imitated form and without any addition of inflammable material.

Article XIX.—The Commissioner General, in consultation with the Executive Committee, has the absolute right to cause the withdrawal of all products of such substance, which rom their nature or appearance may seem to him to be dangerous or incompatible with the aim and propriety of the Exhibition.

Article XX.—Products are exhibited under the name of the signatory of the application ticket. This condition will be strictly adhered to.

The exhibitors are invited to indicate within the space of their stall the names of their co-operators, whoever they may be, that have contributed, in what manner soever, to the excellence of the products exhibited.

They are particularly invited to state the selling price of the articles exhibited.

Article XXI.—The exhibitors will be permitted to sell their articles, but cannot remove them during the hours that the Exhibition remains open : when removed, they must replace them immediately by articles of the same nature.

They are in such case to provide themselves with a permissive pass.

The articles produced on the spot can at once be delivered to the purchasers.

Drinks and products for consumption sold on the spot are subject to a special agreement.

Article XXII.—No article or object whatsoever shown at the Exhibition can be imitated, copied or reproduced under whatever form, without a special authorisation from the exhibitor and from the Commissioner General; the latter reserves the right of authorising the reproduction of collective groups.

Art XXIII.—An entrance card is delivered gratis to every exhibitor. This card is personal.

It will be withdrawn if it be found to have been lent or ceded to another person, and this without prejudice to the right of prosecuting the delinquent.

The card must be signed by the exhibitor, bear his photograph and the number of group and class to which he belongs.

It must bear, moreover, the stamp of the Commissioner General.

Article XXIV.—The exhibitors are allowed to be represented by agents of their choice, agreed to by the Executive Committee.

The personal cards of free entry will be delivered to the agents under the conditions enumerated in the preceding article.

The representative of an exhibitor will not be allowed to have more than one entrance card, whatever be the number of exhibitors he represents.

Article XXV.—The Executive Committee will take the necessary measures to secure the articles exhibited against every damage, but will in no case be responsible for fires, accidents deterioration or damages which they may undergo, whatever the cause or extent.

The Committee leave the exhibitors to attend to the insurance of their goods, immediately and at their own expense.

It will furnish the necessary persons for guarding the articles exhibited, but it will not be responsible for thefts or irregularities which may be committed.

Article XXVI.—All communications relative to the Exhibition must be addressed by the exhibitors and others interested *to the Commissioner General of the International Exhibition of 1883, Amsterdam, Netherlands.*

SIXTH SECTION.

Supplementary Exhibitions.—Congresses and Conferences.

Article XXVII.—Supplementary Exhibitions, competitions, congresses, conferences, lectures, reports, &c., will take place during the Exhibition.

Article XXVIII.—The Executive Committee will invite International Congresses on all questions subject to diversity of opinion and action, and lend their assistance to all projects the realisation of which they consider likely to increase the importance and success of the Exhibition.

Special Regulation.

Natives of the Netherlands and foreigners who become exhibitors, are thereby held to declare themselves bound to conform to the present general regulations, as well as to the special rules hereafter to be enacted.

Dated in Amsterdam, 15th December 1881.

For the Executive Committee.

D. CORDES, *President.*

E. AGOSTINI,
Commissioner General of the Exhibition.

S. DE CLERCQ, Wz., *Delegate.*

J. KAPPEYNE VAN DE COPPELLO, LL.D.
Secretary.

APPENDIX I.

Explanatory remarks to the Programme for the Colonial Section of the International Colonial and Export Trade Exhibition.

In framing the programme for this Exhibition its object, to wit, "the extension and a more general diffusion of the knowledge regarding the Colonies and extra-European possessions of the different Powers," has been kept in view as much as possible. The authors have considered it the best means of attaining that end, by dividing the programme into three distinctly characterised chief groups, and by sub-dividing these into classes which, as it were, constitute the units thereof.

In Group *I*, "*the physical conformation of the colonies and possessions*," Natural Science in its strictly critical sense is the primary object. Moreover, as basis for the development of both the succeeding groups, it is destined to embrace all such data which may contribute towards the knowledge of the soil and its productions, of natural forces acting thereon, the races and tribes inhabiting it, its realms of plants and animals.

In both the succeeding groups we have endeavoured to include everything connected with the life and doings of the different classes of the populations in the colonies, with the object of giving a clear and exact representation of them.

Although completeness has been the aim, we do not contend that the limit of perfection has been attained, and, perhaps, much has been withheld or forgotten which nevertheless strictly belongs to an Exhibition, and contributions of which would therefore be desirable.

In each class under the three groups objects are mentioned contributions in which would be particularly welcome, and on which the authors intended to draw special attention. It should be remembered, however, that we have done so in a descriptive, not in a limited, sense, so that articles not mentioned are not necessarily therefore excluded.

A few explanations may render our meaning more clear, and show that what may appear to have been omitted in one group will sometimes be found in another.

In the second class of the first group, "*meteorology and terrestrial magnetism*," mention is only made of charts, tables and graphical diagrams. We had then, as regards the Netherlands Indian possessions, mainly in view the series of magnetical and meteorclogical

observations made in Batavia by Dr. P. A. Bergsma, and published by order of the Netherlands Indian Government, as well as the magnetical survey of the Indian Archipelago by Dr. E. van Rijckevorsel, the report of which is accompanied by charts on which the lines of equal magnetical intensity and those of inclination and declination are indicated.

Similar contributions may also be expected from other countries, and are of the greatest importance to science. Besides, comparisons instituted by means of the exhibition of instruments used or required for such observations are of the highest value, since it has often been proved, also recently at the Geographical Exhibition held at Venice, that the acquaintance with instruments as used by different nations is unequal and far from common. These meteorological and other instruments were, however, ranged in our programme under the 3rd group, letter *B*, of the 23rd class.

In the 4th class of this group, "*Geology and Mineralogy*," Palæontology, or descriptions, sketches and exhibitions of fossils have not been mentioned in so many words, but it was considered desirable to draw attention thereto in an especial manner in the explanatory remarks, owing to the great importance of this branch of geology. Liberal and well chosen contributions of both articles and pictures, with descriptions of them as well as of the places of origin and their vicinity, are earnestly invited.

The demands of the 6th class of this group, "*Animals*," are various, and it was not feasible to mention all in the programme.

The researches in natural history do not only require animals and constituent parts, hides, skins, tender organisms, &c., preserved in serviceable condition, but also full descriptions and drawings mentioning the place of origin, species, native names, tables of measurements, &c.

Monographs of multifarious species found in different climes, or of species conspicuous from their close connection with the mother-country or other lands, are very desirable, and their value will be enhanced by explanatory collections and drawings.

Of the 4th or last class of this group, "*Anthropology*," besides the foregoing, communications or contributions are very much desired of every thing which could bring out conspicuously the difference of races and the form of development of man, from the most barbarous up to the most civilised races.

"*Furniture*" in the 9th class, *II* group, mentioned under letter *B*, must be taken in the most liberal sense, so that it would comprise furniture for ease and luxury, cooking and washing utensils, means of illumination and heating, implements for making fire, riceblocks, and such like.

In sending head-gear, turbans, mantles, ponchos, sarongs, loincloths, &c., comprised under letter *C*, "*Clothing and Finery*," it is desirable to accompany them by elucidations regarding the manner in which they are worn by the natives. Such can be done by means of drawings or painted figures, but it is hardly necessary to add that dressed figures of natural size would be extremely welcome.

In the year 1878, "Models and instruments used in diamond digging and polishing at Banjermassin" were exhibited in Paris. Similar articles are also invited for this Exhibition and ought to be classed under the 10th class letter *F*, "*Mining*."

As regards letter *G*, "*Industry*," it would be of importance to illustrate under this class the gradual processes previous to completion and fitness for use, by exhibiting the products in their different stages of treatment.

It would be extremely difficult, if not impossible, to exhibit in this country sea and river craft, fishingsmacks, and other conveyances by land and water, as they are used by the natives in the colonies. It has therefore been decided to limit contributions under letter *H*, "*Trade and Navigation*," to models and drawings which, however, to be of value, ought to be made in exact proportions, with indication of scale, and be accompanied by a description of the construction and joints, &c.

It would, however, not be quite impossible to bring over rowing and sailing-craft and transports of small description and to allot them place in the Exhibition. This applies equally to sleighs and sedan-chairs, which, together with harnesses, saddles and whips, should be classed with means of land transport.

Among the conveyances by land choice should rather be made of those conspicuous by elegance, strength, lightness or adaptedness as excellent rowing and sailing-boats. Among craft such attention should be given as much to elegance in form as to particular excellence in its use.

Also specimen of planks and knees to illustrate native ship-building are greatly desired.

Among ship's requisities are particularly included tackle and sails, cordage, anchors, oars, paddles, &c.

In the 13th class, "*Forms of Government and States Institutions*," under the heading *Military*, communications are invited regarding modes of warfare, usages in war, and the art of fortification by the natives. It has been proved, especially in later times, that some native peoples are far from being unskilled in that art; hence, in order to demonstrate the progress of such peoples in the construction of defensive works, it is considered desirable to accompany these communications by models of forts (bentings), redoubts or other earth or stone defences. Contributions in these are therefore earnestly solicited.

Under the title "*Public Buildings*," letter *E*, models and sketches of which are desired, no special mention has been made of palaces or dwellings of native chiefs or grandees, as being comprised among dwellings of chiefs; yet it is obvious that contributions in such will be greatly appreciated.

Regarding the 10th class in group III, "*Naval and Military Forces in the Colonies*," it is to be observed that by "means of fortification and defence" is meant in the widest sense everything which belongs to the living or dead fighting forces of a country, or is destined for the organisation, preparation, exercise and equipment of armies and fleets; among which may also be mentioned marine wharfs and establishments for the construction of steam engines, armourplates, gunfoundries and pyrotechnical ateliers, and particularly institutions for the education of officers and non-commissioned officers, and asylums for invalids and old soldiers who do not return to civil life.

The definition of the 17th class, "*Public Works*," has been purposely given in general terms, in order to embrace everything that has been done in the Colonies by Governments, private companies or individuals, for general benefit and use, such as rail and tramways and engineering constructions therewith connected, bridges and river passages, the building of harbours and docks, digging of canals, the improvement of rivers, irrigation works, drainage of lakes, the construction of breakwaters, dikes and dams, and the erection of buildings for the public service or for general benefit.

Finally, it must be remarked that where statistical data and comparative statistics regarding navigation, commerce, industry and agriculture are mentioned, particularly in the third group, graphical descriptions of the movements on these various subjects, although not expressly stated, are nevertheless much desired, as being best calculated to place such movements to view in a distinct manner.

Hints to Contributors to the Colonial Exhibition.

It is absolutely necessary that exhibitors do accompany their contributions by such careful explanations and details as may be required to fully indicate the nature, the use and application, the origin, the composition, and value or price of the articles, and which are also indispensable for the drawing up of a good and explanatory catalogue.

It need hardly be added of how much importance such a catalogue would be for the many exhibitors themselves, especially for those who exhibit the products of agriculture, art-machine and manual-industry, as it is also scarcely necessary to show how much the usefulness of the Exhibition would thereby be enhanced.

Objects classed in the II group of the Colonial Section must be ranged under the name by which they are known in the country of their origin, but must also have the nomenclature which European colonists or European countries may have given them.

The value of the contribution would be enhanced by a description, or rather by the addition of samples of the materials out of which they are made.

Simple articles in daily use by the natives, indicating their morals, customs, and way of living, nature and degree of culture, are more desired than costly articles or those in less general use, betraying European influence. Even repaired articles have a peculiar value, as indicating the manner in which the repairs are done. Such articles, showing the skill of the native people to imitate European art and compete with it, should neither be omitted.

Small but carefully selected collections tending to improve the knowledge of the people and country and advance their prosperity, are valued more than large or even costly collections where these objects have not been kept in view.

In sending models, care should be taken that all the proportions of the original have been faithfully reproduced, whilst it would be advisable to state also of what kind of wood or raw material they are made of. In case that the models require to be taken to pieces for transit, the different parts should be marked with numbers or letters in pencil (if possible twice repeated) referring to a list or sketch indicating the manner in which the parts are to be joined.

It is requested not to label the articles, as during the voyage the labels frequently fall off or become detached through moisture. It would be better to write the numbers or letters in pencil on the articles, which are then detailed in a separate list.

Seeds liable to spoil through damp or otherwise should be rather despatched in tins or stoppered bottles.

It is advisable when packing to put camphor or insect powder in the cases, and to rub in iron or steel articles with a little grease, or, what would be better still, with some vasseline.

It is earnestly solicited not to hold any so-called preparatory exhibitions, if the cases have thereby to be opened after despatch by the sender. Experience has taught that through that cause articles reach in a damaged, and sometimes quite unserviceable, condition. For nobody can be expected to attend better to a good and careful packing than the owner or exhibitor himself.

Thus the cases ought to reach the Exhibition building unopened, and should be opened there first.

The latest date on which goods can be received has been fixed as *1st February 1883.*

If sent later, the risk is incurred of their not being accepted.

As regards India, an endeavour will be made to obtain a slight extension of time.

The packages destined for the First Section should be marked distinctly on at least two contiguous sides, thus :—

"EXHIBITION, AMSTERDAM, 1883.

Colonial Section."

PROGRAMME OF THE COLONIAL SECTION.

The Exhibition will embrace the Colonies and extra-European Possessions of the different Powers. Nations without Colonies or Possessions abroad may contribute towards the Exhibition, provided they trade or are connected with Colonies, or in case they have advanced the knowledge of such parts through charts, books, collections of the products thereof, &c.

The Colonial Exhibition is divided into three general groups :—

I.—Physical conformation of the colonies and possessions.

II.—Their native populations.

III.—The Europeans in such countries and their relation towards the natives.

1ST GROUP.

7 CLASSES.

Physical conformation of the Colonies and Possessions.

1ST CLASS.—*Geography.* Descriptions, atlases, charts, plans, reliefs, profiles, &c.

2ND „ *Meteorology* and *Terrestrial Magnetism.* Charts, tables, and graphical diagrams.

3RD „ *Scenes,* by means of paintings, drawings, engravings, lithographs, photographs, &c.

4TH „ *Geology and Mineralogy.* Zoological and mineralogical descriptions, pictures and collections.

5TH „ *Plants.* Live and dried plants, pictures of plants and descriptions of the Flora.

6TH „ *Animals.* Stuffed and otherwise preserved animals. Pictures of animals and descriptions of the Fauna.

7TH „ *Anthropology.* Descriptions and pictures, casts, sculls, preserved heads.

2ND GROUP.

6 CLASSES.

Native Populations.

(By which is understood all inhabitants not of European race.)

8TH CLASS.—*Statistics of population* in tables and graphical diagrams.

9TH „ *Domestic and social life*—

(*a*) Pictures and models of cities and villages, dwelling houses, shops, workshops, &c.

(*b*) Furniture.

(*c*) Clothing and Finery. Toilet requisites, designs of tatoo-processes and instruments.

(*d*) Dietary. Utensils for preparation, use and preservation.

(*e*) Stimulants. Utensils for preparation, use and preservation of tobacco, betel, opium, drinks, &c.

(*f*) Morals and Customs. Pictures, paintings, drawings, sketches, costumes, arms or other objects illustrative of ceremonies and customs, such as betrothals and marriages, pregnancy and births, death and burial, contracts and oaths. Sports and popular games, and objects and pictures thereto appertaining.

(*g*) Pauperism. Communications regarding the means of counteracting it. Poor laws.

10TH CLASS.—*Means of subsistence*—

(*a*) Sport and Fisheries. Apparatuses and instruments for capture and treatment of animals, as—traps, drummets, fences, nets, lines, hooks, harpoons, darts, nooses, cages, &c. Fishing craft and models thereof. Produce of the chase and fishing, as ivory, horns, musk, skins and hides, pearls, mother-o'-pearl, coral, tortoise-shell, amber, dried fish, &c.

(*b*) Cattle-breeding. Statistics of cattle markets in tables and graphical diagrams.

Pictures of cattle, buffaloes, horses, sheep, &c., indigenous or cross breeds; with quotations of prices.

Products derived from cattle, as—horns, hides, wool, dairy produce, &c.

Instruments for feeding, dairy manufacture, wool shearing, &c.

Cattle marks, pictures and stamps.

Cattle bells, shepherds' tools, stables and fences.

(*c*) Breeding of useful insects, such as silkworms, bees and cochenille-insects. Utensils and samples.

(*d*) Agri. and Horticulture. Products of agri and horticulture obtained by native means, such as sugarcane and tobacco for home use, pepper, betel, gambier, rice, Indian-corn, and other cereals; arrowroot, sago, kapok, cotton, cocoa, &c.

Models and drawings of waterworks and means of irrigation.

Implements for agri and horticulture, such as ploughs, harrows, shovels, spades, hatchets, grasscutters, choppers, scythes, &c.

Lofts and sheds.

(*e*) Forest produce, as samples of wood for house and ship building; for piers, embankments and bridges; for the manufacture of furniture, agricultural implements, instruments, weapons, &c.; for charcoal, &c.

Resins, gums, rattans of different descriptions, bamboos, wax, aconyte, oils and fat, fibrous stuffs, colouring matters, wild nutmegs, massooy.

(*f*) Mining. Mining explorations, gold and diamond washing, salt boilings, &c. Implements and samples. Eatable clay.

(*g*) Industry. Spinning, weaving, thrashing, dyeing, cotton printing, tools, models and samples.

Spun yarn, fibrous materials, raw materials, &c. Implements and samples.

Basketry, rope and matwork, raw materials. Implements and samples.

Paper manufacture. Materials, tools and samples.

Workmanship in precious stones, gold, silver, iron, stone, clay, wood, leather, &c. Tools, models and samples.

Preparation and manufacture of animal substances, such as amber, musk, wax, honey, ivory, horn, bones and teeth, tortoise-shells, shells, skins and hides, feathers, hairs, &c. Tools and samples.

Preparation of popular drinks. Materials, utensils and samples.

(*h*) Trade and Navigation. Review of the inland trade in tables and diagrams. Review of maritime trade, as coast trade and foreign commerce driven by natives, models and drawings of crafts and other means of transport by land and water for the inland trade.

Models and designs of craft for the native sea-trade. Sea-charts and instruments. Ship's requisites.

Charts, drawings or models of communications by land and water, bridges, marketplaces, sale exhibitions, and other institutions in favour of commerce.

Examples of the native modes of packing. Coins, measures, and weights. Seals and trademarks.

11TH CLASS.—*Arts and Sciences*—

(*a*) Drawings, paintings, engravings, sculptures and lacquered ware.

(*b*) Music and musical instruments.

(*c*) Stage appurtenances and dramatical representations.

(*d*) Calligraphy and printing-materials and samples.

(*e*) Education. Reports on the organisation and results of native education.

Models and plans of school buildings.

Means of instruction and school furniture.

Educational schemes and school rates.

12TH „ *Religion and Religious Customs*—

Descriptions, models or copies of temples, mosques, &c.

Idols.

Images of priests, female priests, astrologers, soothsayers and objects in use in the discharge of their avocations.

13TH „ *Forms of Government and State Institutions*—

(*a*) The present and early forms of Government. Literature.

Pictures of princes, grandees and chiefs. Their symbols of distinction and dignity. Flags and banners.

(*b*) Military. Communications on the modes of warfare, customs of war, and arts of fortification.

Means of attack and defence.

Arms, war garbs and equipment. Martial music.

Attributes and drawings of heralds and champions.

Symbols of challenge and truce.

(*c*) Means for maintaining public peace and safety.

Contributions to the knowledge and conduct of the civil police.

Spearforks, handcuffs, stocks, &c.

(*d*) **Judicial institutions and customs. Laws, placards, and other contributions to the knowledge of native judicial institutions.**

Objects in use in judgments by ordeal. Drawings or models of instruments of punishment and torture.

(*e*) Public buildings. Models or pictures of houses of chiefs, communal buildings, guard-houses and prisons.

3RD GROUP.

The Europeans in Colonies and their relation towards the natives.

14TH CLASS.—*Voyages of discovery and investigation.*

Descriptions and charts.

15TH „ *Colonial systems, their application and results.* Charters and Octrois.

Laws and rules, principally relating to administration and justice. Literature.

Books on Colonial policy and economy.

Decorations and honours exclusively for the Colonies.

16TH „ *Naval and Military Forces* in the Colonies.

Means of fortifying and defence, descriptions, drawings and models.

17TH „ *Public Works.* Descriptions, plans, or projects, models, charts, designs, or other drawings.

18TH „ *Telegraphy and Post Office, Telephones and Signals.* Instruments, models and drawings, postage stamps and seals.

19TH „ *Commerce and Navigation in and with the Colonies.*

(*a*) Literature on commercial law and treaties of commerce and navigation.

Tariffs of import, export and transit, pilotages and port dues. Harbour Regulations.

(*b*) Statistics of trade and navigation.

Comparative statements of trade and navigation prior to and after the reduction and abolition of import, export and transit duties.

Comparative statements of trade and navigation of the colonies with their mother countries and foreign lands prior to and after the abolition of differential duties.

Comparative statements of the proportion of steamers and sailing vessels in the trade movement.

(*c*) Communication by land and water.

Ways and means of transport. Descriptions and models.

Steam, sailing, and rowing crafts, wharfs, docks, lighters, diving apparatuses, cranes, &c. Models, drawings and sections.

Statistical data regarding traffic in connection with tariffs, particularly as to Railways.

(*d*) Communications relative to institutions of commerce and credit.

(*e*) Coins and coinage. Stamps.

20TH CLASS.—*Agriculture and industry*—

(*a*) Description of agriculture aided by Europeans on proprietary, leased or farmed lands.

(*b*) Agricultural implements or models, drawings and descriptions.

(*c*) Agricultural establishments. Models or drawings and descriptions.

(*d*) Agricultural handbooks.

(*e*) Agricultural statistics in diagrams showing the increase and decrease of produce, rise and fall of prices, increase and decrease of cost of production.

Comparative returns regarding Government and private cultivation.

(*f*) Agricultural products. Samples.

(*g*) Forest cultivation. Description of the cultivation of forests by Europeans. Implements and instruments, charts, drawings, photographs and models.

Products. Models of kinds of wood, which are already in use in the colonies for mining, shipbuilding, &c., and samples of sorts of wood to be recommended for export to Europe.

(*h*) **Mining, metallurgy and artesian wells.**

Laws and regulations.

Mining. Description of experiments, construction of mining establishments, mining explorations, rockboring, illustrated by models, charts, sketches, sections, drawings and photographs. Instruments and implements, or models and drawings. Samples of the products.

Metallurgy. Descriptions of metallurgical establishments and processes, illustrated by models, plans, profiles and drawings. Instruments and implements or models and drawings. Samples of produce.

Artesian Wells. Descriptions of artesian means of water-supply, means of boring, boring instruments, illustrated by charts, plans, profiles, drawings, photographs and models.

(*i*) Industry.

Machine and manual industry. Descriptions. Models, instruments and products.

21ST „ *Domestic and social life of the European*—

(*a*) Necessaries for the passenger to and from the colonies, and for the pioneer and the scientific traveller.

(*b*) Life in the colonies.

Copies or models of dwellings.

Furniture, clothing.

Diet.

Recreations and amusements differing from those of the European. Objects used in such, with drawings.

(*c*) Pauperism. Information regarding pauperism and means of alleviating it, and Poor laws.

22ND CLASS.—*Education and Instruction*—

(*a*) Preparatory, lower, middle and higher instruction.

Laws and regulations.

Schemes of instruction and schoo-rates, school-requisites and means of instruction.

Drawings and models of schools.

Educational statistics.

Reports and literature.

(*b*) Missionary labour. Information regarding the activity of missionaries and results obtained.

23RD „ *Scientific Research*—

(*a*) Requisites for forming scientific collections, *viz.*, animals, plants minerals, geological specimens, ethnological objects, &c. Means of preserving, cabinets and labels.

(*b*) Instruments for scientific observations such as astronomical means of determining latitudes, measurement of levels, surveys, hydrographical surveys, meteorological and magnetical observations.

(*c*) Printing. Products—books, periodicals, journals and weekly papers illustrations. Stereotype plates, frames. Binding.

The Colonial Committee.

DR. P. J. VETH, *Honorary Chairman.*
M. P. PELS, *Chairman.*
I. J. VAN SANTEN, *Secretary.*

The Central Committee.

D. CORDES, *Chairman.*
S. DE CLERCQ Wz., *Delegated Member.*
J. KAPPEYNE VAN DE COPPELLO, *Secretary.*

PROGRAMME OF THE SECOND SECTION.

Exhibition of Articles for export to the Colonies and Trans-oceanic Possessions.

GROUP IV.

Furniture and Upholstery.

24TH CLASS.—*A.*—Joinery and cabinet-work. Furniture in every sort. Wicker-work.
Bedsteads and accessories.
Billiards and accessories. Arms and other rests.
School and office furniture.
B.—Garden furniture and garden ornaments in wood, bamboo and twig-work.

25TH „ Furniture stuffs, trimmings, galloon-work, &c. Carpets, furniture coverings, tapestry, rugs, alcatives, &c.; waxcloth, canvas, imitation leather, camptulikon, corticine, &c.
Blankets, sheets and other bedding.
Mirrors, frame-work and separate parts of same.

26TH „ Chandeliers, candlesticks, lustres, candelabras, lamps, gas ornaments. Separate parts.
Chamber ornaments in bronze.
Garden furniture and garden ornaments, in iron.
Safes. Locksmiths' work.

27TH „ Gold and silver work. Articles of iron, steel, bronze, yellow and red copper, tin, aluminium, nickel and other metals or metal compositions, electro-plate and such like for ornament and domestic use. Cutlery. Pins and needles.

28TH „ Clock-work, pendulums, house barometers, thermometers, &c. Mechanical numerators.

29TH „ Porcelain and crockery. Glass-work, ceramic, terra-cotta, mirror glass, &c.

30TH CLASS.—Apparatuses for heating, cooling and ventilation; filters and separate parts. Ice chests.
Furnaces and cooking utensils. Apparatuses for weighing and measuring. Weights and measures for domestic use.
Bathing utensils. Washing machines, wringers, mangles, &c.
Ice machines, apparatuses for distillation of water and utilising the sun's heat.
Heat reservoirs, &c.

31ST „ Morocco and other delicate leather-work.
Fancy goods. Toys. Fine brushing work.
Social games. Haberdashery.

32ND „ Stationery and office articles. Drawing and writing requisites. Printing and book-binding. Albums and engravings, photographs, &c. Trade labels, prints, &c. Educational and school requisites.

33RD „ Music and musical instruments, organs, pianos, wind, string and mechanical instruments, &c. Musical boxes, &c.

GROUP V.

Clothing, Linen and Accessories.

34TH CLASS.—Twist and tissues of hemp, linen, cotton, silk, wool, rameh, &c.; rugged, bleached, dyed, printed. Filt, &c.
Shawls, wrappers, laces.

35TH „ Ready-made clothes, uniforms, liveries and separate parts, &c. Waterproof clothing.
Body linen, head coverings, gloves, shoes.
Umbrellas and parasols.
Toilet and fancy articles, flowers, feathers, head-dresses, hair.

36TH „ Jewelry and trinkets, precious stones, gold, silver and other personal ornaments.
Imitation and fancy-work fans.

37TH „ Outfits for a residence in the colonies, for out and homeward voyages, &c.
Travelling articles, tents, camp equipage, &c.
Portable weapons. Implements for chase and fishery.
Preciseness instruments for travellers. Travelling and pocket barometers. hypsometers, clinometers, teleometers, pedometers and others. Telescopes, spectacles, eye-glasses and other optical instruments.

GROUP VI.

Dietary, Chemical Products, and modes of packing them.

38TH CLASS.—Preserved food, butter and cheese, oleomargarine and other substitutes for butter.
Bread stuffs and articles made thereof.
Cakes and sweetmeats, articles prepared from coffee, cocoa, &c.
Salt, spices, &c.
Drinks in every sort.

39TH „ Cigars and cigarettes, snuff, tobacco, opium, &c.

40TH „ Oil and fat, soap, stearine, parafine, &c. Articles made of them.
Dyes, lacks and varnish.
Spiritual liquids for domestic and industrial use.
Raw materials, specimens, samples of dyeing, bleaching, sizing, tannery, &c.
Prepared caoutchouc, gutta-percha, damar, copal and other gums.
Medicines, mineral waters, chemicals, drugs, matches, perfumery.
Other products of industrial chemistry, and examples of their application.
Gypsum, bone dust and animal charcoal, phosphates, guano, artificial manure.

41ST „ Bottles, cooperage, cork, corking machines and other means of packing and preserving.
Implements and samples.

GROUP VII.

Machinery and Implements. Means of Transport.

42ND CLASS.—Engines and other propellers and separate parts.

Axles, beting, cylinders, presses, and other general manufactory requisites.

Instruments and implements for agricultural purposes.

Instruments and implements for industrial purposes, printing-presses, sewing and knitting machines.

43RD „ Requisites and apparatuses for physics and chemistry, for spectral analysis, polarisation, saccharimetry, &c.; for meteorology and electricity, and for seismography.

Photographical apparatuses and accessories, &c.

Requisites for physical research and scientific collections.

Surgical instruments and hospital necessaries. Instruments for dentists.

Apparatuses for gymnastics, orthopedy, &c.

Survey water-level and other instruments of precision and measurement.

Manometers. Diagram instruments, calculating machines, &c.

Telegraphs, telephones, heliographs, &c.

44TH „ Material for railways (stationary and portable), for tramways, transport cables. Separate parts. Models.

Carriages and vehicles. Freight and other carts. Separate parts. Models.

Articles of saddlery and harness, &c.

45TH „ Material and requisites for ocean, coast, and river navigation. Models.

Ships' stores, equipments and means of defence and attack in marine warfare.

Boat fittings. Tackle and ropework, anchors, chains, &c.

Requisites for whaling and cachelot, coral and sponge fishing. Chase and fishery.

Nautical instruments, charts, compasses, &c.

Lights and signalling. Pilotage. Buoys and beacons. Separate parts. Models. Drawings.

Material for wharfs and docks. Models. Drawings.

Deep marine soundings, diving apparatuses, life-boats and apparatuses. Separate parts. Models. Drawings.

Implements for loading and discharging.

GROUP VIII.

Building.

46TH CLASS.—Building materials. Ornaments.

Dwellings and annexes. Fabrics, sheds, stables, &c. Models. Drawings. Separate parts.

Removable dwellings, ways of joining, binding, &c.

Hygienic apparatuses.

47TH „ Supplies for public works. Bridges, piers, harbour works, &c. Models. Drawings. Separate parts.

Machines for water-supply, water and other wheels, jack-screws, &c. Pumps and pumping machines, centrifugal, Norton's and others.

Turbines. Norias. Pulsometers, &c.

Appurtenances.

Fire-engines and life-saving apparatuses.

Implements for irrigation of roads, estates, &c. Models. Drawings. Separate parts.

48TH „ Requisites for mining, artesian well-boring, stone quarryings. Covering, lighting of mines.

Boring instruments, manipulation of ores, transport, &c. Models. Drawings. Separate parts.

GROUP IX.

Articles of Export exclusively for the use of the native population.

49TH CLASS.—Furniture and clothing. Spun, woven and other goods. Ready-made clothes, personal ornaments, praying carpets.

50TH „ Implements and instruments for agricultural and industrial purposes.

Implements and instruments for chase and fishing.

51ST „ Arms and war material.

52ND „ Books, school and writing requisites.

53RD „ Articles of barter (knives, beads, looking-glasses, coins and medals, glass-ware and crockery, images, &c.). Haberdashery.

General Remarks.—As the export trade also embraces component parts and loose and spare pieces &c., of the articles of trade, apparatuses, instruments, &c., mentioned, they may likewise be contributed to the Exhibition, even if they are not specially quoted in this programme and will be placed in the class of which they form part.

The same remark applies equally to models, drawings, &c., even when not expressly indicated.

Contributions of books, treatises, statistics, &c., relative to the articles indicated and to the export trade in general, will be highly valued.

AMSTERDAM; *the 15th December 1881.*

The Committee for the Second Section "Export Trade."

J. LEONARD WOLTERBEEK, LL.D., *Chairman.*

TH. STUART, LL.D., *Secretary.*

The Central Committee.

D. CORDES, *President.*

S. DE CLERCQ WZ., *Delegate.*

J. KAPPEYNE VAN DE COPPELLO, LL.D., *Secretary.*

E. AGOSTINI, *General Commissioner.*

APPLICATION FOR SPACE.

Country _____ *Section* _____

Town _____ *Class* _____

Name and Address of Exhibitor _____

_____

Occupation _____

Nature of Exhibits _____

_____

Space required in _____ (*Vide* Tariff No. 1.) { *Frontage* _____ *Depth* _____ *Height* _____ } (State here the form the Exhibits will take.) _____

Installation required (*Vide* Tariff No. 2.) { (Give the corresponding letter from the Tariff.) _____

Water, Gas, or Steam required _____

Name and Address of Exhibitor's representative _____

_____

Should my application be received, I hereby agree to accept and conform to the conditions, rules, and tariffs of the *Amsterdam International Exhibition of 1883.*

Signature _____

Place and Date _____

TARIFFS.

No. 1, space.

In the Principal Building:

Per square metre or frontage fl. *25.*—

For isolated spaces ... „ *50.*—

In the Galleries:

Per square metre ... „ *12.50*

In the open Air:

Per square metre ... „ *7.50*

No. 2, Installations.

The Administration of the Exhibition will provide installations, for Exhibitors requiring them, and which they will find ready to receive their particular style or decoration on thespace allotted to them.

Installation *A* Class case per metre fl *100.*—
„ *B* Open case, cloths, leather, &c. ... „ *85.*—
„ *C* Simple counter ... „ *25.*—
„ *D* Counter with shelves „ *50.*—
„ *E* Ordinary shelves, per square metre ... „ *3.50*
„ *F* Shelves covered with oil cloth per square metre ... ... „ *5.*—

Rent for space or installation is payable in three instalments to order—

The first instalment one month after the delivery of the certificate of admission.

The second instalment four months after the delivery of the certificate of admission.

The third instalment on the first of June, 1883.

NOTE.—*As regards India, an endeavour will be made to obtain some modification of these terms.*

Should one of these instalments not be paid, the Exhibitor will lose whatever right he may have acquired in the Exhibition. The sums already paid will be considered as damages, and confiscated without any judicial or extra-judicial formality.

IMPORTANT NOTICE.

Only the space or installation specified by the Exhibitor in his application will be allotted. Supplementary or subsequent applications will be rigorously rejected.

ORDER.—Ordered, that a copy of the papers be published in the Supplement to the *Gazette of India* for general information.

E. C. BUCK,
Secretary to the Government of India.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

EXTENDED EMPLOYMENT IN THE INDIAN PUBLIC WORKS DEPARTMENT OF NATIVES OF PURE ASIATIC DESCENT.

No. 1516-28G., dated 11th November 1882.

RESOLUTION—By the Government of India, Public Works Department.

Read again—

Despatch from the Secretary of State, No. 41, dated 10th August 1876.
„ „ „ No. 20, „ 10th April 1879.
„ „ „ No. 1, „ 8th January 1880.
„ „ „ No. 7, „ 5th February 1880.

Read also—

Despatch from the Secretary of State, No. 32, dated 17th July 1879.
„ „ „ No. 32, „ 4th August 1881.

Letter to the Government of the North-Western Provinces and Oudh, No. 1666E.G., dated 7th December 1876.
„ from the Government of the North-Western Provinces and Oudh, No. 241E., dated 14th March 1877.
„ to Home Department, No. 2110G., dated 10th December 1880.
„ from „ No. 1944, dated 22nd December 1880.
„ to the Government of the North-Western Provinces and Oudh, No. 538G., dated 13th April 1881.
„ from the Government of the North-Western Provinces and Oudh, No. 501C.E., dated 20th July 1881.
„ from the Government of the North-Western Provinces and Oudh, No. 605C.E., dated 24th August 1881.
„ to the Government of the North-Western Provinces and Oudh, No. 565G., dated 14th April 1882.
„ to the Principal of the Thomason College, No. 566G., dated 14th April 1882.
„ „ „ „ „ No. 476, dated 21st April 1882.

RESOLUTION.—The Governor General in Council has had under consideration the rules under which students are admitted to the Engineer Class of the Thomason College at Roorkee. Both to the Secretary of State for India in Council and to His Excellency in Council it has been a matter of constant remark and regret that, in spite of the advantages which the College offers to natives of India in the form of valuable scholarships and of the right to compete for a certain guaranteed number of appointments in the Public Works Department, very few persons of pure Asiatic race have passed into the public service through the Engineer Class. In the 11 years from 1870 to 1880 the number of students bearing Indian names who qualified for appointments in the Public Works Department was only 40,—a number not equal to the number of the Thomason and Vizianagram scholarships available during the period. This state of things has appeared, both to Her Majesty's Government and to the Government of India, to be unsatisfactory, as being inconsistent with the purposes for which the Engineer Class of the College was established, and inconsistent also with the general principle, which has of late years been followed, of endeavouring to employ natives of India more largely in the public service. With a view, therefore, to providing a remedy, and to making the class more attractive to persons of Indian origin, His Excellency in Council has been pleased to make certain alterations in the rules of entrance, and of the conditions of competition for such appointments, in the Public Works Department as may be guaranteed to students of the class. These alterations are embodied in the following orders.

2. All persons who pass the Entrance Examination in November 1882 will be eligible for admission to the Engineer Class of the Thomason College after passing the First Arts Examination of a University, or the special Entrance Examination of the College instead of, as now, after passing the examination for the B. A. degree, or the special Entrance Examination of the College. The first three at the final examination will be appointed to the Engineer Establishment of the Public Works Department as heretofore.

3. In future years all candidates, of whatever race, who pass the Entrance Examination, and who fulfil the other preliminary conditions laid down in the College Calendar, will be admitted to the benefits of the education given in the Engineer Class; but appointments in the Public Works Department will be given to the extent guaranteed from time to time to students of Asiatic descent who qualify according to the College standard, and who can obtain the usual medical certificate for admission to the public service, and who have been born and educated elsewhere than in the provinces of Madras, Bombay, and Bengal, which have their own Civil Engineering Colleges. If a sufficient number of natives do not pass the test, the appointments not gained by natives will be open to the European competitors, who will be placed according to their order of merit on the whole list of those winning appointments.

4. The number of appointments available in 1886 will be four.

5. As the scholarships for natives at the Thomason College have been very rarely held to their full extent, it appears to the Governor General in Council that their existence cannot be generally known. It should be publicly notified that there are ten scholarships, of which five fall vacant annually, and are awarded to the five candidates who pass most successfully the prescribed Entrance Examination. Of these five scholarships, the three termed "Thomason Scholarships" are each worth Rs. 50 per mensem, and are open to native inhabitants of the North-Western Provinces or the Punjab; the remaining two were founded by the Maharajah of Vizianagram in 1873, and are worth—the first Rs. 40, and the second Rs. 35 per mensem: they are open to all natives of India. All these scholarships are tenable for two years, subject to good conduct and satisfactory progress in studies.

The Governments of Madras, Bombay, Bengal, the North-Western Provinces and Oudh, and the Punjab, in the Public Works Department.
The Chief Commissioners, Central Provinces, British Burma, Assam, and Coorg.
The Resident, Hyderabad.
The Agents to the Governor General for Central India and Rajputana.

ORDER.—Ordered, that this Resolution be communicated to the Local Governments and Administrations marginally noted, and the Director General of Railways; also that it be published in the *Gazette of India* and all local Official Gazettes.

W. S. TREVOR, *Colonel, R.E.*,
Secretary to the Government of India.

Printed and Published for the GOVERNMENT OF INDIA *at the* GOVERNMENT CENTRAL BRANCH PRESS, *Simla.*

SUPPLEMENT TO

The Gazette of India.

Nº 47. CALCUTTA, SATURDAY, NOVEMBER 25, 1882.

OFFICIAL PAPERS.

A SUPPLEMENT *to the* GAZETTE OF INDIA *will be published from time to time, containing such Official Papers and information as the Government of India may deem to be of interest to the Public, and such as may usefully be made known.*

Non-Subscribers to the GAZETTE *may receive the* SUPPLEMENT *separately on a payment of six Rupees per annum if delivered in Calcutta, or nine Rupees if sent by Post.*

No Official Orders or Notifications, the publication of which in the GAZETTE OF INDIA *is required by Law, or which it has been customary to publish in the* CALCUTTA GAZETTE, *will be included in the* SUPPLEMENT. *For such Orders and Notifications the body of the* GAZETTE *must be looked to.*

GOVERNMENT OF INDIA.

REVENUE AND AGRICULTURAL DEPARTMENT.

REPORTS ON THE STATE OF THE SEASON AND PROSPECTS OF THE CROPS FOR THE WEEK ENDING THE 21st NOVEMBER 1882.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Madras—(Nov. 22nd)		
Bellary	·28 (average of two stations).	Standing crops generally good; harvest paddy and dry grains, yield average.
Kurnool	·88 (average of seven stations).	Standing wet crops withering in parts from insufficiency of water-supply; harvest early dry crops, outturn below average; cattle disease in parts.
Ganjam	. . .	Standing crops dry and sugarcane thriving; rain wanted in one taluka; fever, small-pox, and cattle disease continue.
Kistna	·85 (average of seven stations).	Standing crops, paddy requires rain in two taluks; harvest paddy and *cholum* below average; fever and cattle disease prevail; water 3·29 feet over *anicut*.
Chingleput (Madras) .	5·20 (average of eleven stations).	Standing crops generally good; harvest paddy, yield below average; fever, small-pox, and cattle disease in parts.
Coimbatore . . .	·91 (average of fourteen stations).	Standing crops good; harvest dry grains, yield average; fever, cattle disease, and cholera in parts.
Tanjore	4·46 (average of twelve stations).	Standing crops good, harvest paddy and dry crops, outturn below average.
Madura	1·90 (average of ten stations).	Standing crops fair; cholera in parts.
Malabar	1·38 (average of fourteen stations).	Standing crops good; fever, small-pox, and cholera slight in parts.
Travancore . . .	·05	Agricultural operations progressing; fever continues.
		General Remarks.—No rain at Ganjam; general prospects good.
Bombay—(Nov. 22nd)		
Karrachee . . .	. . .	River at Kotri on 17th, 6 feet 2 inches against 6 feet on same date last year; fever in all talukas; cattle disease in Ghorabari taluka; wheat, red rice, and *bajri* in Karachi 24, 36, and 38, in Sehwan 32, 48, and 56, in Jati 20, 40, and 44, and in Sakro 16, 36, and 48 pounds per rupee respectively.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Bombay—*contd.*		
Ahmedabad		*Rabi* sowings continue; other crops healthy; fever in Dholka, Viramgaum, Gogo, and Parantej; cattle disease ceased in Sanand; one death from cholera in the city; *bajri* 34 and wheat 29 pounds per rupee.
Baroda		*Kharif* harvesting and *rabi* sowings continue; slight cholera in Amreli; *bajri* 32¾ and rice common 24½ pounds per rupee.
Surat		Standing crops healthy; *jowari* 41½ and *nagli* 60 pounds per rupee.
Nasik		Locusts still lingering in Kalwan, Peint, and Igatpuri; *rabi* sowings progressing; wheat 25½, *bajri* 36, and rice 26½ pounds per rupee.
Colaba (Bombay)		Abnormal temperature 1° cool on 15th and 19th, 2° cool on 18th, 2° warm on 20th, and *nil* on all other days; vapour in air in defect of normal on 15th, afterwards normal; wind normal.
Poona		*Rabi* sowings completed; locusts disappearing; *bajri* 43 and *jowari* 56 pounds per rupee; in Poona *bajri* 39 and *jowari* 48 pounds per rupee.
Ahmednagar		Rain badly wanted; *rabi* crops generally good, except in some parts where they are withering; cholera at Patoda in Jamkhed; some locusts only in Kopargaon; *bajri* maximum 66 pounds per rupee in Jamkhed, minimum 45 pounds in Sangamner; *jowari* maximum 93 pounds per rupee in Jamkhed, minimum 45 pounds in Sangamner.
Sholapore		Crops suffering for want of rain; *jowari* 70 pounds 27 tolas, and *bajri* 57 pounds 3 tolas per rupee.
Dharwar		Harvesting of early and sowing of late crops in progress; slight cattle disease in 4 talukas; cholera in 6 villages of Navalgand, and 3 of Ron; 19 cases fatal of 55 in Navalgand, and 4 out of 14 in Ron; rice minimum 20 and *jowari* 56 pounds per rupee.
Kanara	Karwar ·31 Kumpta ·20	Total rainfall 108·44; rice harvest completed in 3 talukas, continues in others; *ragi* harvest in 2 talukas; preparing ground for second crop in Karwar; sugarcane and garden produce healthy; small-pox subsiding; cattle disease in 3 talukas and fever in 2; common rice in Karwar 11 seers per rupee, in district average 13¾ seers per rupee; weather fair.
Rajkot		Weather cold; general health fair; cholera continues in 2 villages of Navanagar, disappeared from Junagad and Rajkot talukas; fever in Porbunder and Bagasra; *bajri* 28 and *jowari* 34 pounds per rupee. *General Remarks.*—Harvesting of *kharif* and sowing of *rabi* completed in some districts and still in progress in the rest; *rabi* crop suffering for want of rain in parts of Ahmednagar, Sholapur, Satara, Kaladgi, and Belgaum; elsewhere good; locusts in parts of Nasik, Satara and Colaba; fever and cattle disease in some districts; slight cholera and small-pox in a few.
Bengal—(Nov. 21st)		
Chittagong	*Nil*	Weather cool and pleasant; prospects of crops good; early *amun* being harvested in places; cattle disease and fever not yet ceased.
Dacca	*Nil*	Winter crops being sown; harvesting of early winter rice commenced; main crop promises very well; sugarcane being cut.
24-Pergunnahs (Alipore)	*Nil*	Prospects of late rice and sugarcane continue satisfactory; *rabi* crops doing well; price of common rice stationary; public health good; fever said to be prevalent in Baraset, and an outbreak of cholera in Barrackpore sub-division.
Moorshedabad		*Amun* ripening and in some places ripe and about to be cut; except fever here and there, health of district generally good.
Rajshahye	*Nil*	Prospects of crops fair; fever prevalent; cholera in several thanas.
Burdwan	*Nil*	Prospects of crops generally fair; a good deal of fever prevalent.
Rungpore	*Nil*	Weather seasonable; prospects of crops favourable; public health good.
Bhagalpur	*Nil*	*Aghani* harvest begun in the Sadr sub-division and about to commence elsewhere; *rabi* sowings in progress; prospects of crops good; fever prevalent in Muddehpoorah and Soopole.
Purneah	*Nil*	Late rice being reaped, outturn moderate; winter crops nearly all sown; fever very prevalent.
Patna	*Nil*	*Rabi* sowings progressing; paddy being reaped in Behar sub-division; poppy, wheat, and barley coming on; fever prevalent in some parts of Behar; public health good.
Durbhunga	*Nil*	*Rabi* prospects good; rice prospects fair; public health fair; prices stationary.
Hazaribagh	*Nil*	Weather clear and cool; prospects of crops favourable; prices stationary; cattle disease reported; general health good.
Cuttack	*Nil*	Harvesting of early *sarad* commenced; late *sarad* flowering; *rabi* progressing well; public health good; cattle disease reported from the interior. *General Remarks.*—No rain fell during the week; cold weather appears to have set in in all parts of these provinces; earlier sorts of *amun* rice being reaped in several places, and the crop is expected on an average to be a fair one; *rabi* sowings progressing with vigour, and prospects everywhere promising; prospects of sugarcane also very favourable; prevalence of fever reported from several districts, and cases of cholera from a few only.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
N.-W. Provinces and Oudh—		
Benares (Nov. 21st)	No rain	*Rabi* sowings finished; no sickness among men or cattle; prices steady.
Allahabad („ 22nd)	No rain	Health good; all crops doing well; prices stationary.
Gorakhpur („ 20th)		Weather clear; crops promising; health good; prices stationary.
Jhansi („ „)		Harvesting of *kharif* continues; sowing of *rabi* continues, and the crops germinated are looking well; prices stationary; health generally good; no cattle disease.
Agra („ 21st)	No rain	*Rabi* sowings going on and crops being irrigated; fever abating; general health good; prices stationary.
Bareilly („ „)		Weather seasonable; prospects good; fever abating.
Meerut („ „)		Weather clear; health good; slight cattle disease; prices unaltered.
Kumaun („ „)		Weather clear; rain wanted; wheat mostly sown; general health good; cattle disease continues; prices unchanged.
Lucknow („ „)		Rain urgently required for *rabi* sowings in *dofasli* lands; public health good.
Partabgarh („ „)		Prices almost unchanged; crops coming up well; the *jarhan* harvest has commenced; slight cattle disease prevails; cholera is now confined to a few villages in Kanda tahsil.
Sitapur („ „)	No rain	*Rabi* has germinated, and so far prospects are favourable; general health good; prices stationary.
Fyzabad („ „)	No rain	Irrigation going on; prospects good; fever decreasing; prices steady.
Cawnpore	No rain	*Rabi* sowings almost completed; crops flourishing; health good; prices steady.
Farukhabad (Nov. 21st)		Prospects fair; prices steady; fever much abated.
		General Remarks.—No rain during the week; more rain wanted in Lucknow and Almorah; *rabi* sowings completed in eastern and progressing in western districts; general health good and prices steady; slight cattle disease in Kumaon, Meerut, and Partabgarh.
Punjab—(Nov. 21st)		
Delhi	No rain	Health good; prices fluctuating; *rabi* sowings in progress.
Hissar	No rain	Health good; prices stationary; *rabi* sowings in progress; *kharif* nearly gathered.
Umballa	No rain	Health good; prices stationary; *rabi* sowings finished.
Jullundur	No rain	Health good; prices steady.
Amritsar	No rain	Health good; prices fluctuating.
Lahore	No rain	Health good; prices steady; harvest prospects good.
Ferozepore	No rain	Health good; prices steady; *kharif* prospects good.
Sialkot		Health good; slight fall in prices; harvest prospects good.
Rawalpindi	No rain	Weather seasonable; fever prevalent; prices steady; *rabi* sowings progressing.
Peshawar		Rain wanted; fever decreasing; prices falling.
Mooltan	No rain	Health improving; prices steady.
Dera-Ismail-Khan	No rain	Fever still prevalent; prices steady; crop prospects good.
		General Remarks.—The health of the Province and prospects of crops are generally good.
Central Provinces—		
Nagpur (Nov. 22nd)		Days warm, mornings and evenings cool; *rabi* crops doing well; public health good.
Jubbulpore („ 21st)		Weather cool; health good; prices stationary.
Saugor („ 20th)		*Rabi* crops progressing favourably, but a little rain is required; fever prevailing; prices steady.
Seoni („ 21st)		Weather clear and cool; fever lessening, though very severe; prices stationary.
Hoshangabad („ „)		Weather cool and clear; *rabi* crops doing well; fever prevalent; wheat 15 seers per rupee.
Khandwa („ „)		Weather cool; prospects of crops good; small-pox reported; wheat 16 seers per rupee.
Raipur („ 18th)		Weather clear and cool; *rabi* sowings continue; early sown wheat and gram almost destroyed by recent rain; fever and cough prevalent; rice 38 seers per rupee.
Sambalpur („ 16th)		Weather cool; prospects of crops good; fever continues; rice 56 seers per rupee. *General Remarks.*—Days warm, mornings and evenings cool; prospects of crops favourable; fever still reported from most districts; prices stationary.
British Burma—		
Akyab (Nov. 18th)	*Nil*	Total rainfall 201·64 inches; public health in town good; 25 deaths from cholera in the districts; the disease still continues in one township; cattle disease prevalent in one township; crop prospects good.
Rangoon	*Nil*	Total rainfall 101·55; one death from cholera, otherwise public health good; crops making progress.
Bassein	0·65	Total rainfall 125·62; public health good; slight cattle disease in one township; reports regarding crops favourable.
Prome	*Nil*	Total rainfall 50·06; one death from cholera in town; otherwise public health good; crop prospects fair.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
British Burmah—*contd.*		
Amherst (Moulmein) .	*Nil*	Total rainfall 202·90; five cases of cholera reported from the district, otherwise public health good; 68 deaths of cattle in one township; crops healthy; early paddy being reaped.
Toungoo . . .	*Nil*	Total rainfall 90·88; 7 deaths from cholera reported in one township; otherwise public health good.
		General Remarks.—A little cholera in Akyab and Henzada, otherwise public health good; crop prospects good elsewhere.
Assam—		
Gauhati (Nov. 21st)	No rain	Weather seasonable; mornings and nights foggy; prospects of crops and public health good.
Sylhet („ „)		Harvesting *amun* crops commenced; cultivation for cold-weather crops commenced; public health generally good.
Cachar („ 22nd)	*Nil*	Cold weather has set in; reaping of *sali* crops commenced; sowing of winter crops finished; common rice 24⅜ seers per rupee; 9 cases of cholera reported from Sadr and 4 from Haila Kandi.
Dibrugarh („ „)	*Nil*	Weather seasonable; prospects of crops good; cattle disease still prevalent; public health good.
Mysore and Coorg—		
Bangalore (Nov. 22nd)	·73	Crops in a thriving condition; prospects fair.
Mysore	·43	
Mercara	·78	Rice crop thriving; coffee ripening, picking has commenced in some parts; north-east winds continue; fever still prevalent.
		General Remarks.—Crops generally in good condition; rain was general throughout the Mysore State; a break in the weather is needed for harvesting of *ragi* crop; sowing operations in active progress; prospects fair, though the water-supply in tanks in some districts is below the average; public health good; prices unaltered.
Berar and Hyderabad—(Nov. 22nd)		
Amraoti		Cotton picking progressing; *kharif* crops ready for harvesting; *rabi* good; prices—wheat 16, *jowari* 28 seers per rupee.
Akola		Prospects of *kharif* crops favourable; *rabi* in good condition.
Hyderabad		Reaping of *kharif* crops nearly concluded; reaping of *abi* crops commenced; standing crops thriving; cholera has broken out in some places; prices—wheat 17, common rice 10¾, white *jowari* 28¾, yellow *jowari*, 35¼, and *tur* 27¼ seers per current sicca rupee.
Central India States—(Nov. 22nd)		
Indore		Health good; weather cool; prospects favourable.
Morar (Gwalior)		Health and prospects good; weather seasonable.
Sutna		Health and prospects good.
Neemuch		Weather seasonable; crops and public health good.
Goona		Crops good; health fair; wheat 22 seers per rupee.
Bhopal		Health and prospects good.
Agar		Health and prospects good.
Nowgong		Prospects and health good; prices stationary.
Manpur		Wheat and gram crops doing well; sowing of opium commenced.
Rajputana—		
Abu (Nov. 22nd)		Cold; seasonable weather; fever abating.
Sirohi („ 19th)		Tanks, wells, and health good; crops cut; weather pleasantly cool.
Marwar („ 17th)		About 1½ months' water in tanks; wells almost full; health good; *rabi* crops sown and in good condition; *kharif* being harvested; cold increasing; prices stationary.
Meywar („ 18th)		Tanks and wells fair; health good; crops sown; weather cold; heavy dews.
Harowti („ „)		Crops progressing favourably; opium fields being prepared; health good.
Jhallawar („ 16th)		Weather continues seasonable.
Ajmere („ 21st)		*Rabi* area sown in excess of average of year; health good.
Jeypore		No report received.
Ulwur (Nov. 21st)		*Rabi* sowing continues; health good; prices steady.
Nepal—		
Khatmandú (Nov. 16th)	*Nil*	Fine weather; the rice harvest is good throughout the country.

E. C. BUCK,
Secretary to the Government of India.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

RAILWAY TRAFFIC.

No. XLI OF 1882.

APPROXIMATE STATEMENT OF GROSS RECEIPTS AND EXPENSES OF INDIAN RAILWAYS.

Latest return received.	Railways.	Total mean length open.	Receipts for week ending 15th October 1881. Total.	Per mile open.	Total mean length open.	Receipts for week ending 14th October 1882. Total.	Per mile open.	Total Receipts from 1st April to 15th October 1881. Total.	Per mile open per week.	Total Receipts from 1st April to 14th October 1882. Total.	Per mile open per week.	Total Increase in 1882-83.	Total Decrease in 1882-83.
	Guaranteed.		₹	₹		₹	₹	₹	₹	₹	₹	₹	₹
14th Oct. 1882	Eastern Bengal . .	172	1,69,432	985	172	1,79,973	1,046	29,36,378	603	30,56,990	630	1,20,612	...
14th ditto .	Oudh and Rohilkhund	547	75,600	138	547	81,069	148	25,51,862	165	25,93,335	168	41,473	...
14th ditto .	Sind, Punjab & Delhi .	676	2,03,916	302	676	1,82,018	269	47,66,491	249	49,93,811	262	2,27,317	...
14th ditto .	Madras . . .	858	2,50,584	292	861	1,11,554	130	34,61,058	142	38,03,361	157	3,42,303	...
14th ditto .	South Indian . .	655	73,577	112	655	63,617	97	20,93,584	113	20,87,608	113	...	5,976
14th ditto .	Great Indian Peninsula	1,439	5,27,821	367	1,458	4,66,040	320	1,63,78,544	400	1,65,93,948	406	2,15,404	...
21st ditto .	Bombay, Baroda and Central India . .	444	1,62,176	365	461	1,50,168	326	49,96,018	308	52,17,639	402	2,21,591	...
	TOTAL .	4,791	14,63,106	305	4,830	12,34,439	256	3,71,83,968	274	3,83,46,692	282	11,62,724	...
	State.												
14th Oct. 1882	East Indian . .	1,504	7,17,149	477	1,507	8,68,548	576	2,28,62,967	537	2,30,78,296	544	2,15,329	...
14th ditto .	Calcutta and South-Eastern . . .	28	2,346	81	33	2,970	90	79,823	100	1,04,543	120	24,720	...
14th ditto .	Nalhati . . .	27	1,152	43	27	1,485	55	33,860	44	36,927	48	3,067	...
14th ditto .	Northern Bengal .	233	37,163	161	230	47,400	206	8,97,846	137	10,19,253	161	1,51,407	...
14th ditto .	Tirhoot . . .	75	8,628	115	75	10,505	140	2,95,567	132	3,38,911	148	43,344	..
14th ditto .	Patna-Gya . . .	57	9,236	162	57	17,350	304	2,69,305	167	2,64,627	165	...	4,678
21st ditto .	Muttra-Hathras . .	29	2,503	86	29	1,902	66	74,668	91	63,922	78	...	10,746
21st ditto .	Cawnpore-Furrakhabad	86	5,982	69	87	4,803	55	1,48,038	60	1,76,189	71	28,131	...
21st ditto .	Dildarnagar-Ghazipur	12	515	43	12	711	59	20,771	61	23,904	71	3,133	...
14th ditto .	Rajputana-Malwa .	1,016	2,33,893	230	1,116	1,81,922	163	44,96,820	156	53,28,091	169	8,31,271	...
14th ditto .	Wardha Coal . .	45	6,871	153	45	9,400	209	2,55,450	200	2,78,054	219	22,604	...
14th ditto .	Nagpur & Chhattisgarh	53	4,495	85	98	4,206	43	1,49,320	91	2,74,815	99	1,25,495	...
14th ditto .	Rangoon and Irrawaddy Valley . . .	161	19,891	124	161	20,632	128	7,05,826	155	7,15,764	158	9,938	...
14th ditto .	Sindia	75	7,701	103	75	4,786	64	1,55,499	73	1,61,227	76	5,728	...
14th ditto .	Punjab Northern .	363	77,158	213	409	54,546	133	15,37,891	149	15,13,492	134	...	24,399
14th ditto .	Indus Valley and Kandahar . . .	660	1,44,319	219	650	1,08,109	166	26,14,948	140	22,97,644	123	...	3,17,304
21st ditto .	Muttra-Achnera .	...	...	...	23	1,204	52	...	...	36,654	57	36,654	...
21st ditto .	Kamla Dharlla Tramway . . .	20	1,776	89	32	1,769	55	(*a*) 15,953	57	42,259	47	26,306	...
	TOTAL .	2,910	5,63,929	192	3,159	4,73,700	150	1,17,51,605	141	1,27,06,276	143	9,54,671	...
	Native States.												
21st Oct. 1882	Bhavnagar-Gondal .	193	13,176	68	193	10,836	56	3,58,708	79	4,72,890	87	1,14,182	...
21st ditto .	Nizam's . . .	121	16,910	140	121	18,753	155	4,26,524	125	4,71,179	138	44,655	...
7th ditto .	Mysore . . .	58	3,085	53	...	...(*b*)	...	(*c*)74,765	47	(*d*)1,43,661	61	68,896	...
14th ditto .	Jodhpore . . .	...	...	...	19	845	44	...	...	(*e*)9,262	30	9,262	...
	TOTAL .	372	33,171	89	333	30,434	91	8,59,997	90	10,96,992	92	2,36,995	...
	GRAND TOTAL .	9,607	27,77,355	289	9,829	26,07,121	265	7,26,58,537	268	7,52,28,256	270	25,69,719	...
	GROSS ESTIMATED EXPENSES .	...	...	...	...	...	...	3,62,16,373	133	3,67,86,294	132	...	...
	NET RECEIPTS .	...	...	...	...	...	...	3,64,12,164	135	3,84,41,962	138	19,99,798	...

(*a*) Total receipts from 9th July to 15th October 1881.
(*b*) Return not received.
(*c*) Total receipts from 1st April to 8th October 1881.
(*d*) Total receipts from 1st April to 7th October 1882.
(*e*) Total receipts from 24th June to 14th October 1882.

FRED. FIREBRACE, *Major, R.E.*,
Under-Secretary.

SIMLA,
The 14th November 1882.

GOVERNMENT OF INDIA.

DEPARTMENT OF FINANCE AND COMMERCE.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT INDIA FOR THE 2nd HALF OF OCTOBER 1882.

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

PROVINCES.	DISTRICTS.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholum, Jowar), *Holcus Sorghum*. Present fortnight.	Great Millet (Cholum, Jowar), *Holcus Sorghum*. Past fortnight.	Great Millet (Cholum, Jowar), *Holcus Sorghum*. Corresponding fortnight of 1881.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata*. Present fortnight.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata*. Past fortnight.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata*. Corresponding fortnight of 1881.	Lesser Millets, Ragi, &c. (Kavaru, Veragu, sawee, Cheena, Coralee, Murrua, Nuglee), *Panicum Miliaceum*, &c. Present fortnight.	Lesser Millets, Ragi, &c. (Kavaru, Veragu, sawee, Cheena, Coralee, Murrua, Nuglee), *Panicum Miliaceum*, &c. Past fortnight.	Lesser Millets, Ragi, &c. (Kavaru, Veragu, sawee, Cheena, Coralee, Murrua, Nuglee), *Panicum Miliaceum*, &c. Corresponding fortnight of 1881.	Gram. Present fortnight.	Gram. Past fortnight.	Gram. Corresponding fortnight of 1881.	Firewood. Present fortnight.	Firewood. Past fortnight.	Firewood. Corresponding fortnight of 1881.	Salt. Wholesale. Present fortnight.	Salt. Wholesale. Past fortnight.	Salt. Wholesale. Corresponding fortnight of 1881.	Salt. Retail. Present fortnight.	Salt. Retail. Past fortnight.	Salt. Retail. Corresponding fortnight of 1881.	DISTRICTS.	PROVINCES.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.		
Western.	Ganjam	8 13	8 13	13 0	...	...	...	17 13	17 13	19 6	19 8	19 8	20 8	...	...	...	...	...	...	35 3	35 3	33 8	26 10	26 10	26 10	215 13	215 13	215 13	...	...	...	15 8	15 8	12 0	Ganjam	Madras.
	Vizagapatam	10 0	10 0	14 0	...	...	...	9 0	9 0	11 3	11 5	11 5	12 6	21 10	21 10	...	31 11	31 11	24 11	25 3	26 5	24 3	22 3	22 3	28 2	93 5	93 5	87 8	15 3	15 3	11 11	14 0	14 0	10 8	Vizagapatam	
	Godavery	12 10	11 11	12 10	...	...	...	13 14	13 14	13 6	18 0	18 0	16 14	28 13	30 11	25 10	...	...	...	32 13	29 2	30 8	23 2	25 3	32 5	194 6	194 6	194 6	14 10	14 10	12 8	14 10	14 10	12 8	Godavery	
	Kistna	13 11	13 11	13 11	...	...	...	15 11	16 3	15 2	16 5	16 13	16 5	25 11	25 0	28 2	...	...	...	29 6	30 14	38 3	22 13	22 3	30 13	145 13	130 0	145 13	15 11	15 11	13 2	15 3	15 3	12 14	Kistna	
	Nellore	12 10	11 11	12 10	...	...	...	15 13	15 13	13 14	17 0	17 0	...	28 13	28 13	26 11	24 6	...	24 6	31 8	31 8	31 8	26 11	25 13	34 6	194 6	194 6	194 6	17 8	17 8	14 6	16 10	16 10	13 14	Nellore	
	Cuddapah	15 6	14 5	14 11	...	...	...	12 6	12 13	12 6	13 11	14 8	12 14	31 10	30 0	27 10	33 5	37 11	30 6	31 8	31 8	31 8	26 11	25 13	34 6	194 6	194 6	194 6	17 8	17 8	14 6	13 2	14 5	11 14	Cuddapah	
	Anantapur	12 8	13 6	10 10	...	...	...	11 13	12 13	12 13	13 0	14 0	14 0	30 14	31 14	29 14	17 14	18 13	17 14	29 2	31 0	33 0	30 3	31 5	34 11	...	...	...	14 5	14 5	11 14	13 2	14 5	11 14	Anantapur	
	Bellary	19 3	19 3	16 5	...	...	...	12 5	12 5	11 3	13 8	13 8	12 6	37 2	41 3	30 2	30 2	26 5	28 3	38 13	43 10	31 0	25 8	24 11	27 11	190 8	178 13	198 5	15 3	14 13	12 8	14 13	14 6	12 2	Bellary	
	Kurnool	12 11	12 11	11 6	...	...	...	10 5	11 0	10 10	11 6	11 6	11 6	35 10	34 14	32 3	22 8	20 10	26 8	...	...	...	25 6	27 6	28 6	87 8	87 8	81 6	16 11	16 11	14 10	16 3	16 3	13 6	Kurnool	
	Madras	10 13	10 13	10 2	...	...	...	12 14	12 14	12 14	14 5	14 5	14 2	23 0	23 0	23 0	25 0	25 0	28 13	0	28 0	26 6	25 0	25 0	28 2	92 5	92 5	77 13	17 5	17 5	14 5	17 0	17 0	13 14	Madras	
	Chingleput	...	...	...	...	...	...	13 8	13 8	14 3	14 5	14 0	15 0	...	...	...	...	...	...	27 6	27 6	28 5	25 0	25 0	28 2	92 5	92 5	77 13	17 5	17 5	14 5	17 0	17 0	13 14	Chingleput	
	North Arcot	9 11	9 11	11 0	...	...	...	14 0	14 6	15 14	15 6	16 5	16 14	29 2	34 10	30 14	26 6	29 11	31 8	37 5	37 10	38 2	25 10	25 10	35 8	140 0	140 0	140 0	15 6	15 6	12 11	14 13	14 13	12 5	North Arcot	
	South Arcot	8 10	8 10	9 6	...	...	...	15 11	15 11	13 14	17 8	17 2	14 6	30 3	30 3	30 3	33 5	37 0	29 0	35 0	35 0	35 0	29 5	29 5	26 8	201 11	201 11	201 11	18 14	19 5	15 5	18 6	18 14	14 13	South Arcot	
	Tanjore	9 14	9 8	10 5	...	...	...	16 3	15 13	12 14	20 14	20 14	19 3	36 10	33 6	35 0	40 10	37 11	34 4	39 5	39 5	33 3	28 14	27 2	28 0	194 6	194 6	194 6	16 2	16 10	13 5	15 10	16 2	13 5	Tanjore	
	Trichinopoly	9 10	9 10	10 10	...	...	...	14 6	14 13	13 5	14 14	15 3	14 8	28 0	28 0	29 0	36 9	33 0	30 0	42 2	32 11	32 11	30 13	30 0	32 5	97 3	97 3	97 3	17 13	17 13	13 13	17 0	17 0	13 0	Trichinopoly	
	Madura	11 11	11 11	...	...	...	...	14 11	14 11	...	15 10	16 0	...	35 10	35 10	...	32 5	32 5	5 ...	26 6	37 3	...	31 2	31 2	...	121 8	121 8	...	17 13	17 13	11 11	16 13	16 13	11 3	Madura	
	Tinnevelly	8 0	8 0	9 8	...	...	...	15 14	15 14	11 2	19 3	19 3	13 10	...	...	...	...	...	...	...	...	...	28 8	28 8	22 0	70 0	70 0	81 10	18 5	18 5	14 13	17 13	17 13	14 5	Tinnevelly	
	Coimbatore	11 8	10 11	12 5	...	...	...	13 8	13 8	13 0	14 14	14 14	14 8	27 0	26 2	31 5	33 6	28 10	35 0	29 8	27 14	34 6	28 8	25 10	39 14	131 3	131 3	131 3	14 11	14 11	12 11	14 10	14 10	12 3	Coimbatore	
	Nilgiris	9 3	9 3	9 14	...	...	...	10 6	9 10	9 10	11 3	11 3	12 0	23 2	23 2	19 3	21 0	21 0	18 3	21 10	19 10	21 10	19 14	19 14	23 3	161 13	161 13	121 8	13 5	11 0	9 3	12 0	11 14	9 3	Nilgiris	
	Salem	11 0	11 0	11 0	...	...	...	14 0	14 0	13 2	15 0	15 10	15 0	28 3	32 13	32 13	26 8	39 8	29 8	29 2	30 13	32 8	33 8	34 0	34 8	151 10	151 10	151 10	17 0	19 2	15 0	16 0	18 0	12 14	Salem	
	South Canara	8 3	8 10	8 13	...	...	...	8 11	8 11	9 11	9 13	10 3	15 11	...	...	...	...	...	...	16 5	17 10	21 2	17 11	19 3	20 3	116 6	116 6	109 5	15 13	16 13	12 2	14 13	15 13	11 3	South Canara	
	Malabar	9 6	9 6	11 8	...	...	...	14 10	14 10	15 6	15 0	15 0	16 3	...	...	...	...	...	...	19 11	21 14	21 14	25 3	22 11	27 11	121 8	121 8	121 8	15 5	13 8	10 13	14 6	12 10	9 14	Malabar	
	Bombay	10 0	10 0	10 9	18 0	18 0	21 12	8 9	8 13	8 15	14 6	14 7	14 0	20 0	20 0	26 1	16 3	17 10	17 9	14 2	22 10	18 14	17 5	18 2	18 3	62 6	59 9	61 7	14 6	14 6	12 9	12 9	12 9	12 9	Bombay	Bombay.
	Ahmedabad	14 0	14 0	15 8	...	...	23 0	8 8	8 8	6 8	9 0	9 0	10 0	19 0	19 0	23 0	19 0	17 0	20 0	...	...	...	19 8	19 8	23 0	80 0	80 0	80 0	16 8	16 8	13 4	16 0	16 0	13 0	Ahmedabad	
	Kaira	13 5	13 5	13 14	22 14	22 14	26 10	10 0	10 0	9 2	16 0	16 0	4 9	20 0	22 0	22 0	16 13	16 13	16 13	...	...	...	20 0	18 13	17 12	80 0	80 0	80 0	...	...	...	16 0	16 0	12 13	Kaira	
	Surat	12 8	12 8	13 1	7 11	7 11	12 4	8 3	8 3	6 13	8 12	8 12	8 5	15 9	15 9	18 13	14 14	14 14	14 18	...	...	...	16 0	16 0	17 4	80 0	80 0	80 0	13 9	13 9	10 11	13 9	13 9	10 11	Surat	
	Broach	12 9	13 5	13 3	...	...	...	11 1	11 1	8 14	13 5	12 9	12 4	16 13	16 9	20 0	15 4	15 4	17 12	...	...	...	17 13	16 0	18 13	106 0	106 0	106 0	13 5	12 13	12 12	13 5	12 13	12 12	Broach	
	Tanna (Salsette)	9 12	9 12	10 5	...	...	...	9 0	9 0	8 2	11 4	11 4	11 4	18 10	18 10	18 10	15 0	15 0	18 0	25 11	25 11	25 11	14 15	14 15	15 10	71 1	71 1	71 1	14 5	14 5	11 7	13 13	13 13	10 2	Tanna (Salsette)	
	Colába (Alibág)	9 0	8 8	9 8	...	...	...	7 8	7 8	8 8	15 0	14 8	15 0	...	...	...	...	...	...	...	...	...	14 0	12 8	14 0	120 0	120 0	110 0	13 0	13 0	12 0	12 0	12 0	11 8	Colába (Alibág)	
	Khandesh (Dhulia)	14 2	14 2	15 14	...	...	...	7 4	7 4	7 4	10 15	10 15	10 15	18 11	18 11	13 11	34 0	16 3	15 5	...	...	...	14 6	12 9	26 15	140 0	140 0	140 0	14 2	14 2	11 10	14 4	14 4	11 0	Khandesh (Dhulia)	
	Násik	14 4	14 4	14 5	...	...	...	7 7	7 7	7 7	12 0	12 0	11 12	...	...	23 0	18 0	18 0	6 22	27 9	27 9	27 8	15 8	15 8	23 0	128 0	128 0	114 0	14 8	14 8	11 12	14 4	14 4	11 0	Násik	
	Ahmednagar	13 4	13 4	13 12	...	...	...	10 4	9 11	8 9	11 10	12 0	10 9	28 0	27 6	33 12	21 12	22 8	34 14	...	...	...	7 5	16 5	24 6	91 5	91 5	106 6	14 11	14 9	11 1	14 9	14 7	10 14	Ahmednagar	
	Poona	12 10	12 10	11 8	...	...	...	11 0	11 0	8 9	12 4	12 4	11 0	26 2	26 2	32 10	22 11	21 10	21 14	...	...	...	14 15	14 15	18 6	68 0	68 0	76 0	12 8	11 15	11 6	12 4	11 11	11 2	Poona	
	Sholápur	12 11	13 5	13 0	...	...	...	11 1	10 7	10 15	12 4	11 5	12 4	34 8	30 10	41 6	28 8	26 14	33 13	...	...	...	18 5	16 0	23 12	80 0	80 0	98 0	13 8	13 8	12 0	12 8	12 8	11 12	Sholápur	
	Kaládgi (Bagalkot)	23 0	23 0	17 12	15 0	15 0	12 0	6 12	6 12	7 14	9 0	8 14	10 14	39 0	42 0	25 0	35 0	37 0	25 1	...	...	...	12 0	11 12	15 12	130 0	130 0	112 0	12 0	12 0	10 0	11 12	11 12	9 12	Kaládgi (Bagalkot)	
	Satara	12 1	12 1	12 1	...	...	...	8 3	8 3	8 14	10 0	10 0	10 0	25 9	25 11	29 4	21 11	22 0	27 3	...	...	...	13 10	13 10	15 9	116 8	116 8	116 8	12 6	12 6	10 9	11 10	11 10	9 13	Satara	
	Belgaum	19 0	19 0	15 3	14 0	14 0	11 0	10 0	10 0	11 0	10 8	10 8	11 8	30 0	28 7	24 10	27 0	27 0	23 9	39 0	39 0	31 5	1 8	11 8	12 13	75 0	75 0	65 0	13 8	13 8	10 0	12 8	12 8	9 0	Belgaum	
	Dharwar (Hubli)	23 0	24 0	15 0	...	...	...	13 0	13 0	7 0	16 0	16 0	9 0	32 0	33 0	17 0	24 0	23 0	14 1	35 0	34 0	19 0	10 0	8 0	13 0	80 0	80 0	80 0	9 13	7 10	9 0	9 0	9 0	7 0	Dharwar (Hubli)	
	Ratnagiri	11 14	9 4	10 9	...	...	...	8 9	8 9	10 0	15 9	15 9	15 9	18 3	18 3	20 13	14 11	14 11	17 2	21 2	21 2	21 2	15 6	14 0	16 13	120 0	120 0	120 0	12 8	11 10	9 1	12 5	11 10	9 1	Ratnagiri	
	Kanara (Karwar)	10 8	10 8	10 0	...	...	...	8 0	8 0	8 8	11 0	11 0	17 0	16 0	16 0	18 0	...	...	...	16 0	16 0	16 0	13 0	13 0	13 0	213 5	213 5	213 5	13 5	13 5	...	12 0	12 0	10 0	Kanara (Karwar)	
	Panch Mahals (Godhra)	11 6	11 6	11 6	...	...	...	11 6	11 6	11 6	15 0	15 0	15 0	32 0	32 0	32 0	16 0	16 0	24 0	28 0	28 0	28 0	32 0	26 10	32 0	200 0	200 0	200 0	...	16 0	...	15 4	15 4	11 6	Panch Mahals (Godhra)	
	Aden	8 0	8 0	8 0	...	...	...	7 0	7 0	6 3	8 0	8 0	7 0	11 3	11 3	9 5	9 5	9 5	5 8	...	...	...	9 5	9 5	9 5	65 5	65 5	65 5	...	...	...	32 0	32 0	32 0	Aden	
	Asirgarh	14 2	14 8	15 0	...	...	...	10 4	10 4	10 0	11 5	12 0	12 0	26 4	24 7	40 0	22 0	22 0	30 0	...	...	...	15 2	16 2	26 0	160 0	160 0	160 0	11 7	11 4	10 0	11 7	11 4	10 0	Asirgarh	
	Baroda	10 8	10 5	10 5	15 5	14 6	16 0	9 6	9 10	8 0	12 6	12 0	11 7	...	20 9	18 5	15 5	15 13	7 17	...	...	...	16 8	16 7	18 0	80 0	83 10	75 0	14 13	14 11	12 0	14 12	14 10	12 0	Baroda	
	Disa	15 8	15 8	16 0	...	...	...	6 6	6 6	6 6	8 11	8 11	8 6	17 8	17 8	21 10	19 0	19 0	21 0	...	...	...	19 6	20 4	15 0	137 8	137 8	137 8	12 8	13 8	10 8	12 0	13 0	10 0	Disa	
	Nimach	16 0	16 0	19 0	18 0	17 8	22 0	9 8	9 8	8 0	11 0	11 0	9 0	23 0	23 0	27 0	18 0	18 0	20 0	...	...	...	20 0	19 8	19 0	160 0	160 0	140 0	...	...	...	12 0	11 12	9 8	Nimach	
	Nasirabad	17 4	16 8	17 8	25 2½	25 2½	25 7	6 0	6 0	6 0	7 0	7 0	7 0	24 0	24 0	30 0	17 0	17 0	19 0½	...	...	...	25 9	24 8½	24 0	70 0	70 0	63 2	...	...	...	16 0	16 0	12 8	Nasirabad	
	Rájkot	15 5	13 4	17 0	...	...	...	6 8	6 8	5 8	11 4	11 0	10 4	13 10	16 0	27 0	16 5	13 4	22 8	...	...	...	17 4½	16 8	24 8	75 0	70 0	70 0	*16 6½	*16 6½	...	55 0†	55 0†	45 0†	Rájkot	
	Upper Sindh Frontier	14 0	14 0	13 0	24 0	26 0	16 0	11 4	11 4	9 5	20 0	20 0	13 0	40 0	37 4	36 8	26 0	29 0	...	40 0	...	...	17 4	18 4	16 8	160 0	160 0	160 0	‡12 15‡	‡12 12	‡10 11	12 12‡	12 8‡	10 8‡	Upper Sindh Frontier	
	Karachi	12 10	12 5	10 5	20 0	21 0	19 0	9 8	9 8	9 0	16 8	16 0	15 0	24 0	23 0	24 0	18 0	20 0	20 0	11 0	8 0	...	18 0	18 0	17 0	105 0	105 0	105 0	17 13	17 13	14 3	17 0	17 0	14 0	Karachi	
	Haidarabad (Nakur)	16 0	16 0	12 0	26 0	26 0	18 0	13 0	12 0	11 0	17 0	14 0	16 0	35 0	30 0	26 0	23 0	26 0	24 0	...	...	...	17 0	17 0	10 0	320 0	320 0	320 0	14 0	14 0	11 0	14 0	14 0	11 0	Haidarabad (Nakur)	
	Shikarpur	13 2½	13 6½	12 4	24 14	24 8	18 0	13 0	12 8	10 10	19 5	18 15	20 0	29 2	30 2	29 0	27 4	27 2	36 4	24 0	24 0	...	19 5	18 15	16 7	230 0	240 0	220 0	13 10	13 0	11 2	13 5	12 10	11 0	Shikarpur	
	Sukkur	14 8	14 8	12 8	28 8	29 0	17 0	12 0	12 0	10 0	19 8	19 0	14 0	32 8	30 8	28 3	23 0	23 8	23 0	...	...	...	19 8	19 8	17 0	145 0	110 0	120 0	13 0	13 0	11 0	12 8	12 8	11 0	Sukkur	
	Thar and Parkar (Umarkot)	16 13	18 0	15 0	...	...	...	...	...	...	13 0	12 15	15 15	...	...	...	22 12	22 12	24 12	...	...	...	...	...	...	160 0	160 0	160 0	11 5	11 5	9 10	11 5	11 5	9 10	Thar and Parkar (Umarkot)	
																													Prices per md. of 40 seers.							
																													Rs. A. P.	Rs. A. P.	Rs. A. P.					
Western Districts.	Burdwan	13 4	13 4	13 0	40 0	40 0	30 0	21 0	24 0	28 8	22 0	26 4	30 8	...	...	...	...	...	...	...	...	...	20 0	20 8	24 0	120 0	120 0	100 0	2 15 0	2 14 6	...	13 8	14 8	10 0	Burdwan	Lower Bengal.
	Bancoorah	14 8	13 8	14 8	17 0	15 0	16 0	22 0	21 0	23 0	27 0	27 0	35 8	...	...	...	...	...	...	...	...	...	18 0	18 0	20 0	...	240 0	320 0	3 1 0	3 1 0	...	13 0	13 0	9 0	Bancoorah	
	Peerbhoom	13 4¢	13 4	15 0	...	...	...	17 0	17 0	21 0	21 0	21 0	28 0	...	...	...	...	...	...	...	...	...	19 8	19 8	22 0	200 0	160 0	160 0	3 1 0	3 5 0	...	12 0	12 0	9 0	Peerbhoom	
	Midnapore	12 0	13 0	14 8	...	...	...	21 0	21 0	20 0	27 0	25 0	28 0	...	...	...	...	...	...	...	...	...	17 0	18 0	19 0	155 0	150 0	160 0	2 14 0	2 14 0	...	13 8	14 0	10 0	Midnapore	
	Hooghly	16 0d	16 0	14 0	...	...	...	10 0	10 0	10 0	20 0	20 0	20 0	...	...	...	...	...	...	...	...	...	20 0	20 0	23 0	120 0	120 0	100 0	2 14 0	2 14 0	3 12 0	13 9	13 9	9 0	Hooghly	
	Howrah	13 0	13 0	15 8	...	...	...	15 0	14 8	16 0	17 8	17 8	20 0	...	...	...	...	...	...	...	...	...	19 0	20 0	22 8	80 0	80 0	80 0	2 13 0	2 12 0	3 14 0	13 0	13 0	10 8	Howrah	

a In the sub-divisions retail prices of salt are as follow :—Cuttack 15 seers, Cuttack 13-8 seers, and Ranegunge 14-8 seers.
b Retail prices of salt at Rajpore 12 seers, Mejia, Bishnupore, Somamukhy and Kotulpore 13 seers, and Oodla 16 seers.

* Common wholesale. † Common retail sale 18 seers. ‡ In common use.
¢ In the interior retail prices of salt range from 12 to 15 seers per rupee.
d In the sub-divisions retail prices of salt are as follow :- Serampore 13 seers and Jehanabad 13-8 seers.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT BENGAL—*continued*.

QUANTITIES PER RUPEE

PROVINCES.	DISTRICTS.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholum, Jowar), *Holcus Sorghum*. Present fortnight.	Great Millet (Cholum, Jowar), *Holcus Sorghum*. Past fortnight.	Great Millet (Cholum, Jowar), *Holcus Sorghum*. Corresponding fortnight of 1881.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata*. Present fortnight.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata*. Past fortnight.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata*. Corresponding fortnight of 1881.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
	Central Districts.																		
	Calcutta	13 11	13 5	14 0	20 0	24 8	32 0	10 0	10 0	8 0	20 0	20 0	14 8	...	...	...	...	...	...
	24-Pergunnahs	13 5*d*	13 5	13 5	21 4	20 0	32 0	10 0	10 8	10 4	16 0	17 0	18 0	...	...	16 0	...	...	...
	Nuddea	13 5*d*	13 5	16 0	24 10	24 10	32 0	15 4	15 4	14 8	20 0	20 0	20 0	...	...	...	...	...	...
	Khoolna	...*f*	...	...	...	...	...	16 0	16 0	...	22 0	22 0	...	...	...	...	...	...	...
	Jessore	10 0*g*	10 0	14 0	...	...	...	16 0	16 0	20 0	22 12	21 4	29 0	...	...	...	...	...	...
	Moorshedabad	16 0*h*	16 0	16 0	32 0	...	...	15 0	14 6	16 0	22 0	21 4	25 0	...	...	...	...	...	...
	Dinagepore	14 4*i*	13 4	14 0	14 8	14 0	20 0	18 0	20 0	22 0	25 8	26 0	32 0	...	...	...	...	...	...
	Rajshahye	14 4*j*	13 8 to 14 4	17 4	32 0	32 0	45 0	13 8 to 15 0	16 13½	18 0	18 12 to 21 0	17 4 to 28 12	28 0 to 30 0	...	...	...	...	...	...
	Rungpore	16 0*k*	16 0	15 0	...	...	...	14 0	14 0	15 0	20 0	20 0	22 8	...	...	...	...	...	...
	Bogra	15 0	17 8	24 0	...	...	...	15 12	18 0	18 12	26 4	26 4	33 12	...	...	...	...	...	...
	Pubna	18 0*l*	17 4	19 0	...	...	...	9 8	9 4	12 0	22 8	22 8	25 8	...	...	...	...	...	...
	Darjeeling	8 0*m*	8 0	0	8 0	8 0	8 0	5 0	5 0	4 8	12 0	12 0	11 0	...	...	...	...	...	...
	Jalpaiguri	10 0*n*	10 0	9 0	20 0	20 0	...	14 0	14 0	12 4	20 0	20 0	16 0	...	...	...	...	...	...
	Eastern Districts.																		
	Dacca	14 5*o*	13 12	13 5	10 0	10 0	10 0	22 10	22 10	22 10	25 0	26 8	27 0	...	...	...	...	...	...
	Furreedpore	20 0*p*	20 0	21 0	37 8	37 0	33 0	20 0	20 8	8 0	21 4	22 0	25 0	...	...	...	...	...	...
	Backergunge	...*q*	...	...	...	...	...	17 0	18 0	21 0	21 0	23 0	28 8	...	...	...	...	...	...
	Mymensingh	13 0*r*	11 8	13 0	...	...	...	26 8	26 8	24 0	27 8	27 8	25 0	...	...	...	...	...	...
	Tipperah	11 8*s*	11 8	12 8	...	...	...	17 8	19 4	25 0	27 4	27 12	36 0	...	...	...	...	...	...
	Chittagong	9 0*t*	9 0	11 4	...	...	...	14 0	14 0	16 0	22 8	22 8	23 0	...	...	...	...	...	...
	Noakholly	...*u*	...	...	...	...	...	22 0	22 0	21 0	26 0	26 0	26 0	...	...	...	...	...	...
	Chittagong Hill Tracts	...	...	...	...	...	...	13 5	13 5	16 0	16 0	16 0	17 12	...	...	...	...	...	...
	Hill Tipperah	10 0	10 0	10 0	...	...	...	20 0	20 0	19 0	30 0	28 0	28 0	...	...	...	...	...	...
	Behar.																		
	Patna	22 0	22 0	22 0	28 0	28 0	40 0	14 0	14 0	14 0	22 8	22 8	22 0	...	...	...	...	...	...
	Gya	18 8*v*	18 0	20 0	23 8	23 8	37 0	12 0	12 8	13 0	20 0	19 0	23 0	...	...	...	...	...	...
	Shahabad	16 0*w* to 18 0	16 8 to 18 0	16 0 to 18 0	26 0	26 0	31 8	17 8 to 18 0	17 0	20 0 to 21 0	18 0 to 19 0	18 0 to 19 0	22 0	...	...	...	...	...	...
	Durbhunga	15 0*x*	14 0	16 8	28 0	30 0	35 0	11 0	13 0	13 0	17 0	16 0	17 0	...	...	...	...	...	...
	Mozufferpore	18 0*y*	16 0	24 0	30 0	40 0	35 0	12 0	12 0	12 0	16 0	17 0	19 0	...	...	...	...	...	...
	Sarun	16 0*z*	16 8	17 0	30 0	28 0	40 0	10 0	10 0	10 0	22 0	21 0	22 0	38 0	35 0	39 0	...	...	...
	Champarun	16 0*z1*	17 0	22 0	30 0	32 0	50 0	14 0	14 0	14 0	21 0	21 0	30 0	...	...	...	...	...	...
	Monghyr	16 13*z2*	17 13	16 12	31 8	36 12	42 0	14 11	15 12	15 12	16 12	17 13	21 0	...	...	...	...	...	...
	Bhagalpur	13 14*z3*	15 2	13 14	27 12	35 5	37 14	18 15	17 11	16 6	21 7	19 9	18 15	...	...	...	...	...	...
	Purneah	14 0*z4*	14 0	16 0	...	...	40 0	18 0	18 0	20 0	20 0	20 0	32 0	...	...	...	...	...	...
	Maldah	17 0	17 0	16 0	...	...	...	16 0	20 0	16 0	20 0	22 0	28 0	...	...	...	...	...	...
	Sonthal Pergunnahs	13 0*z5*	13 0	13 0	...	...	...	16 8	16 0	23 0	25 0	22 0	25 0	...	...	...	...	...	...
	Orissa.																		
	Cuttack	15 12	15 12	15 12*	...	...	...	15 12	15 12	15 12	26 4	26 4	24 15*	...	...	...	...	...	...
	Pooree	12 8*z6*	9 0	12 8	...	...	...	22 8	19 0	20 0	27 8	25 0	25 0	...	...	...	...	...	...
	Balasore	14 0*z7*	14 0	13 0	...	...	...	16 0	25 0	22 0	28 0	28 0	32 0	...	...	...	...	...	...
	CHOTA NAGPORE.																		
	South-Western Frontier Agency.																		
	Hazaribagh	14 0*z8*	13 0	18 0	...	17 0	...	11 0	10 0	14 0	19 0	18 0	24 0	...	...	...	...	...	...
	Lohardugga	16 0	14 0	16 0	20 0	20 0	24 0	22 0	20 0	20 0	25 0	22 0	23 0	...	...	...	...	...	...
	Singhbhoom	20 0	20 0	24 0	28 0	28 0	40 0	36 0	36 0	32 0	48 0	40 0	36 0	...	...	...	...	...	...
	Manbhoom	13 0*z9*	13 0	13 8	...	...	...	17 0	17 0	21 0	30 0	31 0	35 0	...	...	...	...	...	...

* In the interior retail price of common rice varies from 25·4 to 31·8 seers per rupee.

d In the sub-divisions retail prices of salt are as follow:—Baraset and Bassirhat 13 seers, Diamond Harbour and Barripore 10-8 seers, Barrackpore 12-12 seers, and Dum-Dum 12 seers.

e In the sub-divisions retail prices of salt are as follow:—Kooshtea and Bongong 13 seers, Meherpore 10-4 seers, Chooadanga 12 seers, and Ranaghat 12-14 seers.

f In the sub-division retail prices of salt are as follow:—Bagirhat 11 seers and Satkhira 10-10 seers.

g In the sub-divisions retail price of salt is 12 seers per rupee.

h In the sub-divisions retail prices of salt are as follow:—Lalbagh 11 seers, and Jungipore and Kandi 11·8 seers.

i In the sub-divisions retail prices of salt are as follow:—Raiganje 11·8 seers and Nilphore 12 seers.

j In the sub-division retail prices of salt are as follow:—Beauleah 12-12 seers and Nattore 12 seers.

k In the sub-divisions retail prices of salt are as follow:—Nilphamari 12 seers, Gaibanda 11 seers, and Kurigram 10 seers.

l Retail price of salt at Serajgunge sub division is 12 seers per rupee.

m In the sub-divisions retail prices of salt are as follow:—Kurseong 8 seers and Silligori 10-1 seers.

n Retail price of salt at Fallacotta in Alipore sub-division is 10·8 seers per rupee.

o Retail prices of salt in the sub-divisions of Manickgunge 12 seers, Moonshiegunge 10 seers 64 chittacks, and Naraingunge 13·8 seers per rupee.

p In the sub-divisions retail prices of salt are as follow:—Goalundo and Bianga 12 seers, Madaripore 13 seers, and Gopalgunge 12-12 seers.

q In the sub-divisions retail prices of salt are as follow:—Patuakhali 10·8 seers, Perozepore 11 seers, and Bhola 9 seers.

r In the sub-divisions retail prices of salt are as follow:—Attea and Jamalpore 12 seers, and Netrokona 12·5 seers.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT BENGAL FOR THE 2nd HALF OF OCTOBER 1882—*continued*.

QUANTITIES PER RUPEE OF SEERS OF 80 TOLAHS.

PROVINCES.	Inferior Millets, Ragi, &c. (Kavera, Verugu, Sawee, Cheena, Coraloo, Murhwa, Nagree), *Panicum Miliaceum*, &c. Present fortnight.	Inferior Millets, Ragi, &c. Past fortnight.	Inferior Millets, Ragi, &c. Corresponding fortnight of 1881.	Gram. Present fortnight.	Gram. Past fortnight.	Gram. Corresponding fortnight of 1881.	Firewood. Present fortnight.	Firewood. Past fortnight.	Firewood. Corresponding fortnight of 1881.	Salt. Wholesale prices per maund of 40 seers. Present fortnight.	Salt. Wholesale prices per maund of 40 seers. Past fortnight.	Salt. Wholesale prices per maund of 40 seers. Corresponding fortnight of 1881.	Salt. Retail. Present fortnight.	Salt. Retail. Past fortnight.	Salt. Retail. Corresponding fortnight of 1881.	DISTRICTS.
	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	R a. p.	R a. p.	R a. p.	S. Ch.	S. Ch.	S. Ch.	
																Central Districts.
	...	...	...	21 5	21 5	26 14	90 0	90 0	90 0	2 10 0	2 10 0	...	14 9	14 9	10 0	Calcutta
	...	...	...	17 8	21 4	22 8	100 0	90 0	100 0	3 0 0	3 0 0	...	13 5	13 5	10 0	24-Pergunnahs
	...	...	...	18 12	18 12	26 0	...	...	...	3 0 0	3 0 0	...	11 10½	11 10½	10 0	Nuddea
	...	...	...	12 0	12 0	...	160 0	160 0	...	3 2 0	3 2 0	...	11 0	11 0	...	Khoolna
	...	...	...	16 0	16 0	20 0	120 0	120 0	110 0	3 0 0	3 0 0	4 4 0	11 8	11 8	8 0	Jessore
	...	...	...	22 0	21 14	33 8	120 0	120 0	120 0	3 0 0	2 15 0	...	12 0	12 0	9 0 to 10 0	Moorshedabad
	...	...	...	14 8	14 0	16 0	160 0	160 0	180 0	3 4 0	3 3 6	...	12 0	12 0	8 12	Dinagepore
	...	...	...	21 0	21 19½	22 8 to 26 4	240 0	240 0	240 0	3 2 0	3 2 0	...	12 12	12 12	9 6	Rajshahye
	...	...	...	15 0	15 0	12 0	130 0	130 0	120 0	3 5 3	3 5 3	...	11 8	11 8	8 12	Rungpore
	...	...	...	15 0	24 9	16 8	67 8	67 8	67 8	3 2 8	3 1 4	...	12 0	12 0	8 4	Bogra
	...	...	...	12 0	18 12	18 12	200 0	200 0	200 0	3 0 0	3 0 0	4 2 0	12 0	12 12	9 12	Pubna
	9 0	9 0	8 0	9 0	8 0	13 5	160 0	160 0	160 0	4 8 0	4 8 0	...	8 0	8 0	5 0	Darjeeling
	...	...	...	16 0	16 0	13 5	128 0	128 0	64 0	3 4 0	3 4 0	...	11 0	11 0	9 0	Jalpaiguri
																Eastern Districts.
	...	...	...	17 10	20 0	25 0	101 0	101 0	106 8	2 14 0	2 14 0	...	13 5	13 5	10 0	Dacca
	...	...	...	12 0	12 0	16 0	120 0	120 0	...	3 2 0	3 2 0	...	12 0	12 0	9 0	Furreedpore
	...	...	...	17 0	17 0	20 0	120 0	100 0	100 0	3 1 0	2 15 0	...	11 0	13 0	9 0	Backergunge
	...	...	...	17 0	17 0	18 0	...	...	...	3 2 0	3 2 0	...	13 0	13 0	9 12	Mymensingh
	...	...	...	16 0	18 0	19 0	...	...	...	3 2 0	3 2 0	...	12 8	12 8	9 12	Tipperah
	...	...	...	16 0	16 0	17 0	...	...	...	2 14 0	2 14 0	...	13 0	13 0	10 0	Chittagong
	...	...	...	16 0	16 0	15 0	...	...	...	3 2 0	3 2 0	...	10 0	10 0	8 0	Noakholly
	...	...	...	...	...	...	320 0	320 0	320 0	4 0 0	4 0 0	...	9 0	9 0	8 0	Chittagong Hill Tracts
	...	...	...	14 0	14 0	9 0	...	...	...	3 4 0	3 4 0	...	11 0	11 0	8 0	Hill Tipperah
																Behar.
	...	...	...	27 0	28 0	30 0	180 0	180 0	180 0	3 0 0	3 0 0	...	10 8	10 8	9 10	Patna
	...	...	...	23 8	23 8	33 0	180 0	180 0	180 0	3 2 0	3 4 0	...	12 0	11 8	9 0	Gya
	8 28 0	...	...	28 0 to 29 0	28 8	32 0	120 0	100 0	120 0	3 1 0	3 1 0	...	12 8	12 8	10 0	Shahabad
	0 40 0	40 0	31 0	22 8	25 0	160 0	160 0	120 0	3 10 0	3 10 0	...	11 0	11 0	8 12	Durbhunga
	...	...	...	24 0	25 0	30 0	140 0	140 0	140 0	3 4 0	3 3 0	4 8 0	12 0	12 0	9 0	Mozufferpore
	0 32 0	32 0	28 0	28 0	28 0	30 0	160 0	160 0	160 0	3 2 0	3 3 0	...	12 0	11 0	9 0	Sarun
	...	...	...	28 0	23 0	36 0	...	...	...	3 5 0	3 5 0	...	11 0	11 8	8 8	Champarun
	...	...	...	27 13	27 13	50 1	105 0	126 0	126 0	3 1 0	3 1 0	...	12 9	13 1	8 6	Monghyr
	...	...	...	26 8	26 8	32 13	151 8	151 8	137 8	2 14 0	2 14 0	...	12 10	12 10	9 7	Bhágalpur
	...	...	...	19 0	20 0	23 0	160 0	160 0	120 0	3 12 0	3 12 0	...	10 12	10 12	8 0	Purneah
	...	...	...	21 0	20 0	22 0	120 0	160 0	120 0	3 6 0	3 8 0	...	11 0	11 0	9 0	Maldah
	...	...	...	20 0	19 0	24 0	200 0	200 0	200 0	3 2 0	3 4 6	...	11 0	11 4	8 0	Sonthal Pergunnahs
																Orissa.
	12 8	21 0	21 0	21 0	23 10	160 0	160 0	160 0	2 12 0	2 12 0	3 12 0	14 0	14 0	10 0	Cuttack
	...	...	...	16 4	14 0	17 8	120 0	120 0	105 0	2 12 0	2 12 0	...	13 4	13 4	11 0	Pooree
	...	...	...	12 0	13 0	16 0	120 0	120 0	128 0	3 2 0	3 2 0	3 12 0	12 8	12 12	9 8	Balasore
																CHOTA NAGPORE.
																South-Western Frontier Agency.
	0 40 0	40 0	18 0	18 4	26 0	240 0	240 0	240 0	3 7 6	3 8 0	...	11 0	11 0	8 0	Hazaribágh
	0 36 0	40 0	14 0	15 0	17 0	140 0	120 0	140 0	...	3 14 0	...	10 0	9 0	7 0	Lohardugga
	...	...	24 0	24 0	21 0	180 0	180 0	160 0	3 12 0	3 12 0	...	9 0	9 0	6 0	Singhbhoom
	...	...	18 0	19 0	21 8	120 0	120 0	160 0	3 12 0	3 6 9	...	10 12	10 8	8 8	Manbhoom

In the sub-divisions retail prices of salt are as follow:—Brahmunberiah 12-8 seers and Chandpore 13 seers.

...of salt at Kumeriah 10 seers, and Hathazaree 11 seers.

...retail prices of salt range from 9 to 12-4 seers.

...divisions retail prices of salt are as follow:—Nowada 10 seers, Johanabad 12 seers, and Aurangabad 11-8 seers.

...divisions retail prices of salt are as follow:—Buxar 11-8 seers, Sasseram 11-12 seers, and Bhabuah 10-12 seers.

...divisions retail prices of salt are as follow:—Madhubani 12 seers and Tajpore 12-8 seers.

...interior retail prices of salt range from 10 to 18 seers per rupee.

...of salt in Sewan sub division is 11-12 seers per rupee.

...interior retail prices of salt range from 10 to 12-12 seers per rupee.

...divisions retail prices of salt are as follow:—Begusarai 12 seers and Jamui 13-5 seers.

...divisions retail prices of salt are as follow:—Banka 11 seers, Mudehpoora 10-8 seers, and Soopole 11 seers.

...distributions retail prices of salt are as follow:—Kissengunge 10 seers, and Banigunge in Arrareah sub-division 10 seers per rupee

...salt in Godda sub-division is 11 seers per rupee.

...division retail price of salt is 13 seers per rupee.

...division retail price of salt is 11 seers per rupee.

...salt at Chatra 10 seers and at Khurruckdiha 13 seers.

...of salt at Burrabazar and Jhalda 10 seers, salt at Govindpore 12 seers.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT INDIA FOR THE 2nd HALF OF OCTOBER 1882—*continued.*

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

Provinces.	Districts.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholum, Jowar), *Holcus Sorghum.* Present fortnight.	Great Millet (Cholum, Jowar), *Holcus Sorghum.* Past fortnight.	Great Millet (Cholum, Jowar), *Holcus Sorghum.* Corresponding fortnight of 1881.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.* Present fortnight.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.* Past fortnight.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.* Corresponding fortnight of 1881.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
Assam.	Sylhet	10 8	10 8	13 0	...	...	...	14 0	14 0	17 8	31 8	31 8	35 0	...	...	...	...	...	...
	Cachar	9 2	10 0	11 2	16 0	20 0	20 0	21 5	21 5	20 0	25 10	22 12	24 10	...	...	...	...	...	...
	Goálpárá	22 0	23 0	20 0	...	...	...	12 0	13 0	13 0	20 0	20 0	16 0	...	...	...	...	...	...
	Gáro Hills	4 0	4 0	4 0	...	...	...	5 0	5 0	5 0	18 0	18 0	20 0	...	...	...	...	...	...
	Kámrúp	16 0	18 0	18 0	...	...	...	12 0	12 0	12 0	18 0	18 0	20 0	...	...	...	...	...	...
	Darrang	...	...	...	...	...	...	12 0	11 0	9 0	16 0	16 0	16 0	...	...	...	...	...	...
	Nowgong	...	...	...	...	...	...	13 8	13 8	11 8	16 0	16 0	16 0	...	...	...	...	...	...
	Sibságar	...	...	...	...	...	...	6 8	6 8	7 0	18 0	16 0	16 0	...	...	...	...	...	...
	Lakhimpur	8 0	8 0	8 0	10 0	10 0	8 0	8 0	8 0	10 0	16 0	16 0	13 0	...	...	...	...	...	...
	Khásí & Jaintiá Hills	8 0	8 0	8 0	...	...	...	8 0	9 0	8 0	9 0	10 0	10 0	...	...	...	...	...	...
	Nága Hills	...	...	...	...	...	...	6 0	6 0	4 0	8 0	8 0	...	...	...	...	...	...	...
Oudh.	Dehra Dún	18 8	18 8	19 0	28 0	27 0	30 0	11 0	11 0	10 8	13 8	12 0	14 0	25 0	24 0	24 0	22 0	22 0	16 0
	Saháranpur	20 15½	20 15½	19 6½	32 4	32 4	37 12	10 12	10 12	7 9	15 1	13 15½	14 0	30 14	30 14	32 5½	25 13	25 13	27 0
	Muzaffarnagar	19 12	19 12	19 4	30 13	30 13	35 5	6 9	6 9	6 9	15 6	14 5	14 5	33 0	33 0	26 6	24 6	26 6	22 0
	Meerut	18 8	19 0	20 0	27 0	27 0	30 0	6 0	6 0	5 8	15 0	15 0	13 0	27 0	27 0	25 0	23 0	23 0	24 0
	Bulandshahr	19 12	20 12	20 8	24 0	24 0	29 0	6 0	6 0	6 0	10 5	10 5	10 8	25 8	25 8	27 0	24 0	23 0	25 0
	Aligarh	18 4	18 4	18 0	23 0	23 0	24 8	7 0	7 0	6 0	13 0	12 8	15 0	24 0	24 0	21 0	23 0	23 8	21 8
	Kumaun	17 0	17 0	18 0	18 0	18 0	21 0	10 0	10 0	10 4	15 0	14 0	15 0	...	...	...	...	...	...
	Garhwál	24 0	24 0	20 0	27 0	27 0	22 0	9 0	9 0	8 0	17 0	17 0	17 0	...	...	...	...	...	...
	Bijnor	17 12	18 0	20 0	26 2	27 0	27 0	13 4	11 8	12 15	14 1	13 12	15 12	21 6	21 6	20 4	22 8	19 2	22 8
	Moradabad	19 1	19 6	20 0	23 2	23 2	25 10	9 6	9 6	8 2	16 4	14 6	15 0	26 4	26 4	26 4	23 12	18 2	23 12
	Budaun	18 0	17 13½	19 8	22 12½	22 3	21 10	9 9½	9 9½	6 0	17 6	17 11	16 3	25 8	...	24 0	24 0	21 9½	22 3
	Bareilly	17 3	16 14	17 8	23 12	21 14	24 6	8 12	8 2	7 8	17 8	15 0	14 6	25 0	25 0	25 0	23 2	23 12	21 4
	Sháhjáhánpur	18 12	18 8	19 10	24 4	24 8	25 4	9 4	9 4	8 4	19 12	19 8	16 8	...	...	...	...	...	23 8
	Tarái Pergunnahs	21 0	22 0	20 0	30 0	32 0	34 0	10 0	10 0	10 0	17 8	17 0	15 0	25 0	...	26 0	25 0	...	25 0
	Muttra	17 0	17 12	17 12	24 8	25 8	24 0	...	...	7 0	15 0	14 0	14 0	24 0	24 0	22 0	21 8	24 0	22 0
	Agra	17 8	17 4	17 0	25 0	25 0	23 0	6 0	6 0	6 2	14 0	14 0	13 8	25 0	26 0	20 0	22 0	24 0	19 8
	Farukhabad	17 4½	17 2½	17 8½	21 11½	22 0	24 13	6 13	6 13	6 2	14 14½	14 4	14 2	...	24 5	...	22 1	22 5½	21 2
	Mainpuri	19 0	18 8	17 0	24 0	23 0	22 0	5 0	5 0	4 8	13 0	10 0	11 8	...	...	...	23 0	...	17 8
	Etáwah	19 0	18 8	17 0	22 8	22 8	23 0	6 0	6 0	4 8	14 8	14 8	14 8	27 0	27 0	20 0	25 0	24 0	18 8
	Etah	19 8	19 8	18 4	24 8	24 8	23 0	8 0	8 0	8 11	13 8	13 8	13 0	23 0	23 0	...	22 8	22 0	18 8
	Jalaun	19 0	17 8	19 0	20 0	20 0	20 0	10 0	10 0	8 0	11 0	12 0	12 0	28 0	28 0	24 0	22 0	22 0	20 0
	Jhánsi	22 1	21 10½	23 14	37 4	30 15½	29 8	8 0	8 0	8 0	15 0	15 0	15 0	28 0	28 0	32 0	...	...	19 0
	Lalitpur	21 8	20 8	28 0	36 0	35 0	35 0	11 0	11 0	9 0	15 0	13 0	13 0	29 4	28 0	38 0	28 0	26 0	28 0
	Cawnpore	18 0	18 0	19 4	28 0	26 0	26 8	11 0	11 0	11 0	16 8	15 0	16 0	27 0	27 0	29 0	28 0	27 0	25 0
	Fatehpur	16 10	16 10	17 8	24 8	24 8	23 0	12 12	12 12	11 4	19 0	19 0	19 0	...	...	...	27 0	...	...
	Bánda	19 0	17 8	19 0	23 0	22 0	23 0	9 0	9 0	10 0	18 0	16 0	15 0	35 0	33 0	28 0	32 0	30 0	27 0
	Allahabad	17 6	17 2	17 8	25 0	25 0	27 8	12 0	11 8	12 0	19 0	18 0	18 8	32 0	31 0	30 0	30 0	29 8	26 0
	Hamírpur	18 9	15 14	18 5	18 0	18 0	20 13	11 4	10 0	11 13	...	...	15 0	28 2	27 0	21 15	30 6	27 2	23 10
	Jaunpur	19 0	19 0	20 13	29 10	29 10	33 2	7 12	7 12	7 12	15 8	15 8	16 15	...	...	...	19 11	19 11	...
	Gorakhpur	18 14½	18 14½	21 9½	27 0	27 0	46 12½	13 8	14 6½	15 5	20 11	21 0½	25 3	36 0	34 3	40 12½	...	...	36 0
	Basti	18 12	18 8	21 12	28 0	28 0	42 0	16 0	16 0	13 8	20 0	20 0	16 8	...	...	...	...	...	...
	Azamgarh	17 11	17 11	19 3	24 6	24 6	33 15	10 5	10 5	10 5	14 12	14 12	17 11	...	...	...	20 10	20 10	...
	Mirzapur	15 0	15 0	16 0	22 0	20 0	26 0	10 0	10 0	10 0	16 0	16 0	18 0	28 0	27 0	26 0	25 0	24 0	25 0
	Benares	16 4	15 11½	16 13	24 15	23 9	27 2	11 6	11 6	12 12	17 14	17 14	21 2	26 0	26 0	24 15	25 8	24 15	27 2
	Gházipur	19 5	18 0	19 5	27 11	26 6½	37 8	10 15½	10 15½	10 15	15 7	15 7	19 5	25 12	25 12	30 10	23 3	23 3	30 4
	Balia	16 4	16 8	19 12	25 0	25 0	38 12	10 0	10 0	10 0	15 0	15 0	21 4	...	...	...	...	...	...
	Pilibhít	18 11	18 12	19 12	25 9	27 8	33 0	17 12	16 4	15 0	19 14½	18 12	18 8	32 8	32 0	...	...	...	...
	Lucknow	17 3	17 12	18 4	24 8	25 2½	26 4	6 0	6 0	6 0	15 12	16 5½	17 0	24 8	24 8	27 0	25 4	24 0	24 8
	Unáo	18 8	18 0	18 4	26 0	25 0	25 0	11 0	11 0	10 0	15 0	15 0	17 0	33 0	33 0	37 0	27 0	25 0	22 0
	Bára Banki	17 8	18 0	18 12	25 0	25 0	28 0	11 0	11 0	9 0	15 8	16 0	19 0	33 0	35 0	36 0	22 0	20 0	28 0
	Sitapur	19 8	19 8	21 8	25 0	25 4	29 0	8 0	8 0	8 0	17 2	17 4	19 0	...	...	20 0	20 0	20 0	23 8
	Hardui	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Kheri	19 0	19 0	20 12	25 0	25 0	28 0	8 0	8 0	8 0	18 0	18 0	16 0	41 0	44 0	40 0	...	...	...
	Fyzabad	16 14	17 2	19 0	26 0	26 12	27 0	11 6	11 0	10 8	17 12	19 6	15 0	34 0	35 0	42 8	...	...	...
	Bharaich	17 0	17 0	19 0	29 0	29 0	38 0	11 8	12 0	9 0	18 0	17 0	16 0	52 0	52 0	50 0	13 0	13 0	16 0
	Gonda	19 14	19 12	23 4	27 12	28 0	41 0	15 12	16 4	16 4	19 2	19 4	20 8	46 10	44 0	63 0	24 0	24 0	31 4
	Rai Bareli	19 8	18 12	19 4	27 0	27 8	21 8	...	...	...	18 0	17 4	18 4	29 8	24 0	29 0	29 0	23 8	28 0
	Sultánpur	20 8	20 0	21 0	32 8	31 0	31 8	11 0	11 0	11 0	20 0	20 0	22 0	...	...	...	20 0	20 0	...
	Partábgarh	19 4	18 11	20 4	30 0	28 1	31 6	19 6½	17 4	18 8	20 13	18 10	20 8	...	...	...	27 10	...	26 0
N. W. Provinces.	Delhi	20 0	20 0	18 12	26 8	26 0	29 0	...	...	...	13 0	13 0	13 0	29 0	28 0	26 0	23 8	23 0	22 8
	Gurgáon	20 0	20 0	21 0	28 0	28 0	29 0	...	...	...	13 0	13 0	13 0	28 0	28 0	24 0	26 0	27 0	24 0
	Karnál (*a*)	20 0	20 0	20 0	31 0	31 0	35 0	...	...	...	13 0	13 0	13 0	31 0	35 0	30 0	20 0	20 0	25 0
	Hissar	17 8	17 8	20 0	33 0	33 0	26 0	...	...	...	10 0	10 0	10 0	34 0	34 0	30 0	26 8	28 0	28 0
	Rohtak	17 12	18 0	21 8	24 0	25 0	24 0	...	...	...	9 0	9 0	9 0	25 0	26 0	28 0	22 0	23 0	26 0
	Sirsa	23 0	23 0	19 0	43 0	43 0	30 0	...	...	...	12 0	12 0	12 0	43 0	44 0	30 0	35 0	35 0	31 0
	Umballa	24 4	24 0	22 0	33 0	33 0	34 0	...	...	...	13 0	13 0	13 0	36 0	36 0	25 0	26 0	26 0	22 0
	Ludhiana	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Punjab.	Simla	18 8	...	16 0	...	...	...	...	...	...	12 0	...	12 0	...	...	...	...	...	...
	Jullundur	25 0	26 12	21 8	40 0	38 0	32 0	...	...	...	8 0	8 0	8 0	38 0	35 0	32 0	22 0	20 0	19 0
	Hoshiárpur (*b*)	28 0	27 8	22 8	45 0	40 0	30 0	...	...	...	12 0	11 0	10 0	40 0	35 0	30 0	17 0	16 0	24 0
	Kangra	24 0	24 0	22 8	40 0	40 0	34 0	...	...	...	15 0	15 0	14 0	...	...	...	...	...	...

Provinces.	Districts.	Lesser Millets, Ragi, &c. (Kavaru, Varagu, Sawge, Cheena, Coraloo, Murhwa, Nuglee), *Panicum Miliaceum*, &c. Present fortnight.	Lesser Millets, Ragi, &c. (Kavaru, Varagu, Sawge, Cheena, Coraloo, Murhwa, Nuglee), *Panicum Miliaceum*, &c. Past fortnight.	Lesser Millets, Ragi, &c. (Kavaru, Varagu, Sawge, Cheena, Coraloo, Murhwa, Nuglee), *Panicum Miliaceum*, &c. Corresponding fortnight of 1881.	Gram. Present fortnight.	Gram. Past fortnight.	Gram. Corresponding fortnight of 1881.	Firewood. Present fortnight.	Firewood. Past fortnight.	Firewood. Corresponding fortnight of 1881.	Salt. Wholesale. Present fortnight.	Salt. Wholesale. Past fortnight.	Salt. Wholesale. Corresponding fortnight of 1881.	Salt. Retail. Present fortnight.	Salt. Retail. Past fortnight.	Salt. Retail. Corresponding fortnight of 1881.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. A. per maund.	Rs. A. per maund.	Rs. A. per maund.	S. Ch.	S. Ch.	S. Ch.
Assam.	Sylhet	...	...	...	16 13	16 12	19 0	108 0	108 0	108 0	3 2	3 2	...	12 12	12 12	9 4
	Cachar	...	...	...	14 8	16 13	17 12½	80 0	80 0	80 0	3 6	3 4	...	10 10	10 10	9 2½
	Goálpárá	...	...	...	16 0	14 0	13 0	120 0	120 0	120 0	3 8	3 4	...	11 0	12 0	8 9
	Gáro Hills	...	...	...	8 0	8 0	6 8	160 0	160 0	160 0	5 6	5 6	...	6 6	6 6	5 5
	Kámrúp	...	...	...	12 0	12 8	15 0	160 0	160 0	200 0	3 6	3 6	...	11 12	12 0	8 0
	Darrang	...	...	...	8 0	8 12	8 9	160 0	160 0	160 0	4 8	4 8	...	8 0	8 0	7 0
	Nowgong	...	...	...	8 0	8 0	8 0	100 0	100 0	80 0	3 12	3 12	...	10 0	10 0	8 0
	Sibságar	...	...	...	10 0	10 0	0 0	80 0	80 0	120 0	4 8	4 8	...	8 8	8 8	7 0
	Lakhimpur	...	...	...	11 0	10 0	11 0	200 0	200 6	80 0	5 0	5 0	...	8 0	8 0	7 8
	Khásí & Jaintiá Hills	...	...	...	8 0	8 0	...	...	...	...	5 0	5 0	...	8 0	8 0	5 5
	Nága Hills	...	...	...	2 0	2 0	2 0	120 0	120 0	120 0	13 0	13 0	...	3 0	3 0	2 8
Oudh.	Dehra Dún	...	...	...	23 0	21 0	19 0	160 0	160 0	160 0	11 0	10 8	9 8	10 8	10 0	9 0
	Saháranpur	...	...	...	26 14	26 14	23 12	129 0	129 0	150 0	12 1	12 1	9 15	11 13	11 13	9 11
	Muzaffarnagar	...	...	...	25 13	25 5	26 6	132 0	132 0	132 0	11 10	11 10	9 14	11 4	11 4	...
	Meerut	...	...	...	25 0	25 0	21 12	110 0	110 0	110 0	12 0	12 0	10 0	11 8	11 8	9 8
	Bulandshahr	...	...	...	24 6	23 10	22 8	140 0	140 0	110 0	11 14	12 4	10 4	...	...	...
	Aligarh	...	...	...	23 0	23 8	20 0	120 0	130 0	120 0	13 0	13 0	...	12 8	12 4	...
	Kumaun	...	...	...	12 0	12 0	12 8	200 0	200 0	200 0	9 0	9 0	8 0	7 0	7 0	6 0
	Garhwál	...	...	...	9 0	9 0	9 0	280 0	280 0	200 0	7 8	7 8	7 8	6 14	6 14	6 14
	Bijnor	...	...	...	22 12	22 4	21 15	135 0	135 0	135 0	..	...	...	11 0	11 0	9 8
	Moradabad	...	...	...	21 14	21 14	20 0	137 8	125 0	120 0	12 0	12 0	...	11 14	11 14	10 15
	Budaun	...	...	...	21 0	20 6	21 10	192 0	192 0	192 0	11 1½	11 1½	9 10	10 12½	10 8	10 13
	Bareilly	...	...	...	21 14	21 14	18 12	125 0	125 0	137 8	11 14	11 14	...	11 4	11 4	10 0
	Sháhjáhánpur	...	...	...	21 12	21 12	18 8	160 0	160 0	160 0	12 2	12 10	10 2	10 12	10 12	9 4
	Tarái Pergunnahs	...	...	...	19 0	19 0	19 0	120 0	120 0	120 0	12 0	12 0	...	11 0	11 8	10 0
	Muttra	...	...	...	23 8	25 0	18 8	100 0	100 0	140 0	14 0	14 0	...	12 0	12 0	10 8
	Agra	...	...	...	25 0	25 0	20 0	100 0	100 0	100 0	12 8	12 8	11 0	12 0	12 0	10 8
	Farukhabad	...	...	...	22 1	22 1½	19 3	156 8	156 8	156 12	12 4	12 0	9 11	11 3½	11 3½	9 11
	Mainpuri	...	...	...	28 0	24 0	17 4	160 0	160 0	160 0	13 0	12 0	...	11 0	11 0	8 12
	Etáwah	...	...	...	27 0	26 0	20 8	100 0	100 0	120 0	10 8	10 8	10 0	10 8	10 0	10 0
	Etah	...	...	...	23 12	24 0	16 8	150 0	140 0	140 0	12 0	12 12	10 8	12 0	12 4	...
	Jalaun	...	...	...	30 0	30 0	23 0	140 0	140 0	120 0	12 0	12 0	...	11 0	11 0	9 8
	Jhánsi	...	...	...	30 0	28 2½	25 13	200 0	200 0	200 0	12 8	12 8	10 4	11 8	11 8	9 12
	Lalitpur	...	...	...	31 8	29 0	37 0	160 0	160 0	160 0	12 0	11 0	...	11 6	11 0	9 8
	Cawnpore	...	...	...	28 0	26 0	23 0	150 0	150 0	180 0	12 12	12 12	...	12 8	12 8	10 8
	Fatehpur	...	...	...	27 4	25 12	20 8	200 0	200 0	200 0	10 8	10 *4	...	10 4	10 0	9 4
	Bánda	...	...	...	35 0	33 0	26 0	160 0	160 0	180 0	12 8	12 8	...	12 0	12 0	9 8
	Allahabad	...	...	...	25 12	25 2	22 12	140 0	140 0	160 0	12 0	12 0	...	11 0	11 0	...
	Hamírpur	...	...	...	32 10	28 0	22 15	140 0	140 0	140 0	11 13	11 4	9 14	10 8	10 0	...
	Jaunpur	...	...	...	23 4	22 9	26 13	148 12	120 0	141 4	10 12	9 11	...	10 10	9 9	8 15
	Gorakhpur	...	...	...	25 3	25 3	37 13	160 0	160 0	120 0	11 3	10 6½	...	10 6½	9 9½	8 6½
	Basti	...	...	...	22 0	23 0	31 8	140 0	140 0	130 0	9 0	9 8	7 8	8 0	9 0	7 0
	Azamgarh	...	...	...	21 6	20 10	28 0	181 0	181 0	147 0	10 8	10 9	7 14	9 12	9 12	9 3
	Mirzapur	...	...	...	21 0	21 0	24 0	100 0	100 0	100 0	10 0	10 0	9 0	9 0	9 0	8 0
	Benares	...	...	...	21 11	20 13	23 14	120 0	120 0	120 0	11 4	11 4	...	10 2	10 2	8 2½
	Gházipur	...	...	...	27 11	24 7½	29 10	130 0	130 0	154 8	10 15½	10 15½	9 1	10	10 5	8 6
	Balia	...	...	...	26 12	26 4	31 4	100 0	100 0	130 0	11 4	11 4	9 6	11 4	11 4	...
	Pilibhít	...	...	...	19 9	18 15	20 0	150 0	150 0	150 0	13 8	13 8	12 8	12 8	12 8	11 8
	Lucknow	...	...	...	22 1	21 11	19 8	120 0	110 0	130 0	10 8	10 8	9 0	10 0	10 0	8 8
	Unáo	...	...	...	24 0	24 0	17 12	160 0	160 0	160 0	...	...	...	11 8	11 8	9 0
	Bára Banki	...	...	...	22 0	22 8	22 0	130 0	130 0	140 0	12 0	12 0	11 0	10 0	10 0	9 8
	Sitapur	...	...	...	22 0	22 0	22 0	160 0	160 0	160 0	11 8	11 8	...	10 8	10 8	10 0
	Hardui	...	...	...	...	...	...	...	...	...	...	...	...	No return received		
	Kheri	...	...	...	17 0	18 0	22 0	160 0	160 0	200 0	11 0	11 0	11 0	10 0	10 0	8 8
	Fyzabad	...	...	...	23 8	22 4	23 8	140 0	140 0	120 0	11 0	11 0	8 12	10 0	10 0	8 0
	Bharaich	...	...	...	22 4	23 8	25 0	160 0	160 0	160 0	...	...	...	9 8	9 8	8 4
	Gonda	...	...	...	26 12	25 8	27 8	240 0	240 0	200 0	11 8	11 8	...	11 4	11 4	9 0
	Rai Bareli	...	...	...	21 0	20 0	18 0	160 0	160 0	160 0	...	...	...	9 12	9 0	8 0
	Sultánpur	...	...	...	26 0	25 0	23 0	160 0	160 0	160 0	12 0	11 8	11 8	11 12	11 4	9 12
	Partábgarh	...	...	...	21 10½	19 15	20 4	200 0	220 0	200 0	11 0	11 0	9 8	10 6	10 4	8 5
N. W. Provinces.	Delhi	...	...	...	25 0	23 8	22 0	85 0	85 0	80 0	12 8	12 8	...	11 8	11 8	11 8
	Gurgáon	...	...	...	25 0	25 0	23 8	120 0	120 0	140 0	12 0	12 0	...	12 0	12 0	10 0
	Karnál (*a*)	...	...	...	27 0	26 8	27 0	160 0	160 0	160 0	12 0	12 0	...	11 12	11 12	10 0
	Hissar	...	...	...	27 0	26 8	27 0	160 0	160 0	160 0	12 0	12 0	...	12 0	11 8	10 0
	Rohtak	...	...	...	30 0	30 0	30 0	80 0	80 0	80 0	12 8	12 0	...	11 8	11 3	10 8
	Sirsa	...	...	...	26 8	25 0	26 0	100 0	100 0	100 0	11 12	11 4	...	11 8	11 0	10 8
	Umballa	...	...	...	40 0	38 8	35 0	120 0	120 0	120 0	11 8	11 8	...	11 0	11 0	10 8
	Ludhiána	...	...	...	29 8	30 0	25 0	140 0	140 0	160 0	13 12	13 11	...	13 8	13 8	11 8
Punjab.	Simla	...	...	...	...	...	...	...	...	...	...	...	...	No return received		
	Jullundur	...	...	...	20 4	20 0	19 0	80 0	80 0	80 0	10 12	10 12	...	10 1	10 1	8 4
	Hoshiárpur (*b*)	...	...	...	31 8	32 0	28 8	100 0	100 0	100 0	14 6	14 6	...	14 0	14 0	11 8
	Kangra	...	...	...	30 8	30 0	24 0	110 0	100 0	100 0	13 12	14 0	...	13 8	13 8	11 8
		...	...	...	24 0	24 0	17 8	140 0	140 0	140 0	11 0	10 8	...	10 8	10 0	9 0

* Mandwa: Present 30 seers, past 30 seers, and corresponding 30 seers.

a Jowar rising.

b Barley and jowar falling.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT INDIA FOR THE 2nd HALF OF OCTOBER 1882—*continued.*

QUANTITIES PER RUPEE.

PROVINCES	DISTRICTS.	Wheat.			Barley.			Rice (best sort).			Rice (common).			Great Millet (Cholum, Jowari), *Holcus Sorgum.*			Bulrush Millet (Cumnoo, Bajree), *Penicillaria Spicata.*		
		Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
PUNJAB—*continued.*	Amritsar	25 8	25 8	23 0	43 8	43 8	34 0	...	...	...	14 8	14 8	11 8	34 0	31 4	28 0	23 8	23 8	19 0
	Siálkot	27 0	29 0	20 0	47 0	50 0	34 0	...	...	...	14 0	14 0	14 0	34 0	34 0	28 0	25 0	25 0	17 0
	Gurdáspur (*a*)	32 0	30 0	24 0	45 0	45 0	30 0	...	...	...	16 0	16 0	12 0	40 0	28 0	22 0	14 0	14 0	14 0
	Lahore	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Ferozepore	23 0	25 0	20 0	41 0	42 0	32 0	...	...	...	11 0	11 0	11 0	...	...	...	...	...	...
	Gujránwála (*a*)	26 4	26 12	19 4	50 0	50 0	32 8	...	...	...	16 0	14 0	13 0	40 0	35 0	20 0	25 0	25 0	14 0
	Ráwalpindi	24 0	23 12	16 0	40 0	37 0	24 0	...	...	...	14 0	14 0	8 0	40 0	40 0	25 0	32 0	33 0	18 12
	Jhelum (*b*)	25 0	25 0	17 8	40 0	39 8	27 8	...	...	...	10 0	10 0	8 0	32 0	27 0	21 0	32 0	26 0	20 0
	Gujrát (*a*)	29 12	28 8	20 10	46 0	46 0	31 8	...	...	...	14 0	12 0	8 0	40 0	36 0	31 8	36 0	33 0	30 8
	Shahpúr (*c*)	22 0	22 12	16 0	32 0	32 0	26 0	...	...	...	12 0	12 0	11 0	28 0	28 0	19 0	32 0	28 0	18 0
	Mooltan	17 4	17 4	14 4	28 0	30 0	21 0	...	...	...	10 0	10 0	8 0	30 0	30 0	21 0	26 0	24 0	19 0
	Jhang (*a*)	20 0	19 12	16 4	37 0	36 0	28 0	...	...	...	10 8	10 8	9 0	30 0	22 0	24 0	24 0	24 0	20 0
	Montgomery	20 0	21 0	15 8	32 0	30 0	20 0	...	...	...	5 8	5 8	5 8	...	...	...	...	...	...
	Muzaffargarh	18 8	18 8	16 8	28 0	26 0	23 0	...	...	...	7 0	7 0	5 0	18 0	18 0	17 0	22 0	22 0	17 0
	Dera Ismail Khán	20 4	20 8	16 14	27 6	27 10	27 8	...	...	...	9 1	9 3	7 8	37 8	37 1	32 10	30 1	27 15	26 4
	Dera Gházi Khán	18 12	18 12	15 2	25 0	23 12	20 0	...	...	...	7 8	7 8	7 8	30 0	26 4	23 2	28 12	23 12	18 12
	Bannu	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Pesháwar (*b*)	19 8	19 0	11 10	38 0	36 10	29 12	...	...	...	10 12	9 8	7 9	34 8	28 4	23 5	22 0	15 12	16 6
	Kohát (*b*)	18 13	18 8	14 0	30 9	29 5	28 1	...	...	...	12 13	13 0	12 12	35 12	28 0	20 6	37 10	29 5	20 6
	Házára	25 8	25 8	...	41 0	41 0	28 8	...	...	...	...	12 0	10 8	...	...	...	...	...	...
CENTRAL PROVINCES.	Nágpur	17 4	17 12	15 0	...	...	...	9 12	9 12	9 0	17 4	17 4	15 0	25 12	25 12	28 8	...	...	...
	Bhandára	19 8	19 0	20 0	...	...	...	9 12	10 0	10 0	23 12	22 8	17 12	23 12	22 0	24 0	...	...	...
	Chánda	20 0	18 8	19 0	...	...	...	...	...	...	16 0	13 0	14 8	26 0	24 0	37 0	...	...	...
	Wardha	19 8	18 12	20 8	...	...	...	10 0	8 12	8 12	14 0	14 12	11 12	24 0	23 0	30 0	...	...	...
	Bálaghát	17 0	18 0	25 0	...	...	...	15 0	15 0	15 0	28 0	28 0	27 0	...	...	...	...	...	...
	Jubbulpore	18 0	17 8	21 0	26 0	27 0	18 0	11 0	11 0	9 0	16 0	15 0	14 8	26 0	25 0	27 0	17 8	16 0	19 0
	Saugor	20 0	20 0	32 0	...	...	...	9 0	9 0	8 0	10 0	10 0	9 0	...	...	...	...	...	...
	Damoh	23 8	22 8	39 0	...	...	...	13 8	14 0	12 12	14 8	14 8	13 12	...	...	...	...	...	...
	Seoni	17 8	17 8	22 8	...	...	...	12 8	12 8	13 0	17 0	19 0	19 0	...	...	...	...	...	...
	Mandla	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Betúl	15 0	15 0	20 0	...	...	...	12 0	9 0	13 0	13 0	13 0	10 0	14 0	20 0	40 0	...	...	...
	Chhindwára	16 8	17 0	27 0	...	...	...	10 0	9 0	10 0	13 0	13 0	13 0	15 0	22 0	39 0	...	...	...
	Hoshangabad	15 7	15 7	17 12	...	...	...	4 8	4 8	4 1	11 4	11 4	9 11	24 4	23 10	...	24 4	23 10	16 11
	Narsinghpur	16 8	16 0	19 8	...	...	...	10 0	10 0	9 8	13 0	13 0	11 8	...	...	...	...	...	...
	Nimár	16 0	16 0	16 0	...	...	...	...	...	...	13 0	12 8	11 8	30 0	30 0	45 0	24 0	24 15	34 0
	Raipur	26 0	28 8	34 8	...	...	...	20 0	21 0	23 8	36 0	41 0	44 8	...	...	...	...	...	...
	Sambalpur	21 0	21 0	27 0	...	...	...	35 0	35 0	41 0	44 0	44 0	53 0	...	...	...	...	...	...
	Biláspur	42 0	45 0	68 0	...	...	...	36 0	48 0	62 0	54 0	68 0	81 0	...	...	...	...	...	...
BRITISH BURMA.	*Arakan Division.*																		
	Akyab	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Northern Arakan	...	...	...	...	...	...	9 0	9 0	...	10 0	10 0	...	...	...	...	...	...	...
	Kyoukpyoo	18 0	...	...	...	...	...	18 0	18 0	16 11	19 8	19 8	18 3	...	...	...	...	...	...
	Sandoway	...	...	...	...	...	...	22 14	...	27 7	26 13	...	33 9	...	...	...	...	...	...
	Pegu Division.																		
	Rangoon town and Hanthawaddy	15 5	15 5	16 4	...	...	...	12 3	12 9	13 4	12 9	13 2	13 13	...	...	...	...	...	...
	Tharrawaddy	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Prome	12 2	10 6	12 2	...	...	...	14 15	13 7	14 15	19 10	17 2	19 10	...	...	...	...	...	...
	Irrawaddy Division.																		
	Henzada	...	...	...	...	...	...	14 5	14 5	14 5	19 8	19 8	19 15	...	...	...	...	...	...
	Bassein	...	...	...	...	...	...	16 13	15 15	13 2	19 9	18 1	13 12	...	...	...	...	...	...
	Thonegwa	...	...	...	...	...	...	11 9	11 9	12 9	17 7	17 7	18 6	...	...	...	...	...	...
	Thayetmyo	12 1	10 15	12 8	...	...	...	11 11	10 3	11 2	15 9	13 16	13 13	...	...	...	...	...	...
	Tenasserim Division.																		
	Moulmein town and Amherst	12 2	12 2	10 0	...	...	...	12 2	12 2	11 8	15 5	15 5	14 5	...	...	...	...	...	...
	Tavoy	...	...	...	...	...	...	13 12	13 12	12 6	21 0	22 14	17 15	...	...	...	...	...	...
	Mergui	...	...	...	...	...	...	17 5	17 5	17 5	21 12	21 12	21 12	...	...	...	...	...	...
	Toungoo	...	...	...	...	...	...	18 5	16 0	21 2	21 5	18 5	21 5	...	...	...	...	...	...
	Shwaygyin	...	...	...	...	...	...	12 7	12 7	12 2	13 13	13 13	13 13	...	...	...	...	...	...
	Salween	...	...	...	...	...	...	7 4	...	...	10 8	...	...	...	...	...	...	...	...
HYDERABAD AS-SIGNED DISTRICTS.	Secunderabad	17 12	17 12	16 12	...	...	...	7 14	7 14	7 8	9 13	9 13	9 13	25 14	25 14	27 0	...	...	29 9
	Bolarum	19 10	19 7	18 1	...	...	...	7 6	7 6	8 1	9 11	9 6	9 3	30 1	29 2	29 9	...	...	...
	Chudderghat	14 0	13 8	11 8	...	...	...	7 0	7 0	7 0	9 0	9 0	9 12	28 0	26 0	27 0	34 0	33 0	34 0
	Amraoti	15 0	16 0	18 0	11 0	11 0	10 0	8 0	8 0	7 0	10 0	10 0	8 0	28 0	28 0	44 0	18 0	18 0	28 0
	Akola	16 0	16 0	16 0	...	...	...	8 0	8 0	8 0	11 0	11 0	10 0	30 0	30 0	46 0	30 0	16 0	24 0
	Ellichpur	16 0	16 0	18 0	14 0	14 0	12 0	8 0	10 0	6 0	10 0	12 0	8 0	27 0	28 0	39 0	22 0	25 0	26 0
	Buldana	18 0	18 0	22 0	...	...	...	...	...	...	11 0	11 0	11 0	33 0	33 0	34 0	30 0	28 0	40 0
	Wun	18 0	18 0	18 0	...	...	...	9 0	9 0	7 0	14 0	12 0	10 0	29 4	21 8	33 0	...	...	...
	Basim	21 0	21 0	21 0	...	...	...	5 4	5 4	5 0	13 4	13 0	14 0	26 0	26 0	45 0	...	...	...

(*a*) Jowar falling. (*b*) Rajra and jowar falling. (*c*) Rajra falling.

INDIA FOR THE 2nd HALF OF OCTOBER 1882—*continued.*

IN SEERS OF 80 TOLAHS.

PROVINCES	DISTRICTS.	Lesser Millets, Ragi, &c. (Kavaru, Varagu, Sawee, Cheena, Coraloo, Murhwa, Nugleel), *Panicum Miliaceum*, &c.			Gram.			Firewood.			Salt.						
											Wholesale.			Retail.			
		Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	
PUNJAB—*continued.*	Amritsar	...	...	...	36 4	35 4	25 4	85 0	80 0	80 0	14 12	14 12	...	14 6	14 6	11 12	Amritsar
	Siálkot	...	...	...	28 0	27 0	20 8	130 0	130 0	110 0	15 0	15 0	...	14 8	14 8	12 4	Siálkot
	Gurdáspur (*a*)	...	...	...	31 0	31 0	23 0	120 0	120 0	120 0	13 8	13 8	...	13 0	13 0	10 8	Gurdáspur (*a*)
	Lahore	...	...	...	...	...	...	...	...	...	...	...	...	No return received			Lahore
	Ferozepore	...	...	...	39 0	37 8	28 0	90 0	90 0	80 0	12 0	12 4	...	12 0	12 0	11 8	Ferozepore
	Gujránwála (*a*)	...	...	...	31 4	28 4	20 8	95 0	95 0	95 0	15 4	15 4	...	15 0	15 0	12 0	Gujránwála (*a*)
	Ráwalpindi	...	...	...	24 8	24 4	18 8	85 0	85 0	45 0	14 12	14 8	...	14 8	14 4	12 0	Ráwalpindi
	Jhelum (*b*)	...	...	...	26 0	25 8	19 0	160 0	160 0	90 0	16 0	16 0	...	15 8	15 8	13 8	Jhelum (*b*)
	Gujrát (*a*)	...	...	...	27 0	25 12	21 0	100 0	100 0	120 0	...*	...*	...	15 0	15 0	12 8	Gujrát (*a*)
	Shahpúr (*c*)	...	...	...	24 0	24 0	19 0	320 0	320 0	320 0	17 0	17 0	...	16 0	16 0	14 0	Shahpúr (*c*)
	Mooltan	...	...	...	26 8	23 12	18 0	90 0	90 0	90 0	14 8	14 8	...	14 4	14 4	12 0	Mooltan
	Jhang (*a*)	...	...	...	31 0	31 0	18 0	200 0	200 0	200 0	15 0	15 0	...	14 8	14 12	12 0	Jhang (*a*)
	Montgomery	...	...	...	20 0	20 0	17 0	200 0	200 0	200 0	13 0	13 0	...	12 0	12 0	10 0	Montgomery
	Muzaffargarh	...	...	...	23 0	23 0	17 0	120 0	120 0	100 0	...*	...*	...	12 8	12 8	12 0	Muzaffargarh
	Dera Ismail Khán	...	...	...	20 0	20 0	17 0	120 0	120 0	100 0	60 0	58 0	...	56 4	55 0	50 0	Dera Ismail Khán
	Dera Gházi Khán	...	...	...	23 0	23 0	20 0	100 0	100 0	100 0	60 0	58 0	...	56 4	55 0	50 0	Dera Gházi Khán
	Bannu	...	...	...	18 12	18 2	16 5	100 0	100 0	125 0	30 0	31 14	...	27 8	28 2	25 0	Bannu
	Pesháwar (*b*)	...	...	...	...	...	...	...	...	...	...	...	...	No return received			Pesháwar (*b*)
	Kohát (*b*)	...	...	...	20 0	17 10	14 2	96 0	96 0	70 0	58 8	58 8	...	56 0	56 0	41 0	Kohát (*b*)
	Házára	...	...	...	19 2	20 6	21 11	120 0	120 0	63 0	102 0	96 15	...	87 0	81 0	71 0	Házára
CENTRAL PROVINCES.	Nágpur	...	...	...	17 0	...	15 0	70 0	70 0	100 0	...	...	...	...	11 0	10 8	Nágpur
	Bhandára	...	...	...	18 0	18 4	22 0	150 0	150 0	100 0	12 0	10 12	10 0	11 12	10 8	9 12	Bhandára
	Chánda	...	...	...	22 12	21 0	26 0	...	...	...	11 0	11 0	9 8	10 12	10 12	9 0	Chánda
	Wardha	...	...	...	20 0	27 0	23 0	360 0	360 0	360 0	...	...	...	10 0	9 8	9 0	Wardha
	Bálaghát	...	...	...	20 8	24 0	20 8	130 0	130 0	130 0	12 0	12 4	10 12	11 8	12 0	10 8	Bálaghát
	Jubbulpore	...	...	...	30 0	30 0	35 0	275 0	275 0	275 0	10 0	10 0	...	10 0	10 0	8 8	Jubbulpore
	Saugor	...	...	...	28 0	26 0	32 0	120 0	120 0	110 0	11 10	11 10	...	11 4	11 4	9 0	Saugor
	Damoh	...	...	...	25 0	25 0	37 8	160 0	160 0	120 0	8 12	...	...	8 8	8 8	7 8	Damoh
	Seoni	...	...	...	31 0	33 0	53 0	200 0	200 0	200 0	10 0	9 12	7 0	9 8	9 8	6 12	Seoni
	Mandla	...	...	...	18 0	16 0	35 0	220 0	220 0	230 0	11 8	11 8	7 0	11 4	11 0	6 12	Mandla
	Betúl	...	...	...	...	...	...	...	...	...	...	...	...	No return received			Betúl
	Chhindwára	15 0	15 0	27 0	16 0	15 0	40 0	240 0	240 0	240 0	9 8	9 0	9 8	9 0	8 8	9 0	Chhindwára
	Hoshangabad	18 0	18 0	28 0	20 0	20 0	39 0	200 0	200 0	200 0	9 8	10 0	9 0	9 0	8 8	9 0	Hoshangabad
	Narsinghpur	...	...	...	21 10	23 10	28 5	160 0	160 0	120 0	9 8	9 8	...	9 0	9 0	5 10	Narsinghpur
	Nimár	...	...	...	26 3	26 0	38 8	160 0	160 0	160 0	11 0	10 8	7 8	10 12	10 0	7 4	Nimár
	Raipur	...	...	...	18 10	19 0	26 3	120 0	120 0	160 0	13 0	13 •0	10 2	12 12	12 12	9 10	Raipur
	Sambalpur	...	...	...	29 0	31 0	29 0	64 0	64 0	60 0	9 4	9 0	7 10	8 12	8 8	7 8	Sambalpur
	Biláspur	...	...	...	24 0	24 0	26 0	110 0	110 0	250 0	11 0	11 0	10 0	10 0	10 0	9 8	Biláspur
BRITISH BURMA.	*Arakan Division.*																
	Akyab	...	...	...	...	...	...	...	...	...	...	...	...	No return received			Akyab
	Northern Arakan	...	...	...	...	...	...	...	...	...	...	...	...	8 0	8 0	...	Northern Arakan
	Kyoukpyoo	...	...	...	4 0	4 0	4 0	160 0	160 0	160 0	...	...	...	36 0	36 0	48 0	Kyoukpyoo
	Sandoway	...	...	...	469 11	...	...	28 6	...	469 11	...	...	...	...	...	28 6	Sandoway
	Pegu Division.																
	Rangoon town and Hanthawaddy	...	...	...	19 7	21 1	12 10	320 0	320 0	324 0	50 11	50 11	50 0	22 10	22 10	50 0	Rangoon town and Hanthawaddy
	Tharrawaddy	...	...	...	...	...	...	...	...	...	...	...	...	No return received			Tharrawaddy
	Prome	...	...	...	19 2	12 7	12 7	139 11	139 11	139 11	29 9	29 9	29 9	18 10	18 10	18 10	Prome
	Irrawaddy Division.																
	Henzada	...	...	...	...	...	...	183 8	183 8	183 8	29 9	29 9	32 4	29 9	29 9	32 4	Henzada
	Bassein	...	...	...	13 8	13 8	11 14	339 4	241 3	193 0	31 15	31 15	24 8	29 7	29 7	21 3	Bassein
	Thonegwa	...	...	...	16 13	14 15	11 3	184 8	184 8	246 0	39 6	37 5	44 5	35 7	35 7	39 6	Thonegwa
	Thayetmyo	...	...	...	18 7	17 1	13 14	245 0	245 0	245 0	17 12	26 4	25 6	14 3	18 15	18 15	Thayetmyo
	Tenasserim Division.																
	Moulmein town and Amherst	...	...	...	12 2	12 2	11 1	220 0	220 0	220 0	32 5	32 5	32 0	22 12	22 12	28 6	Moulmein town and Amherst
	Tavoy	...	...	...	...	...	...	399 3	399 3	399 3	24 2	24 2	24 2	16 1	16 1	16 1	Tavoy
	Mergui	...	...	...	...	...	...	428 0	428 0	428 0	26 1	26 1	36 8	14 36	14 36	29 3	Mergui
	Toungoo	...	...	...	12 9	12 9	11 5	24 0	24 0	24 0	30 12	30 12	26 7	18 12	18 12	18 12	Toungoo
	Shwaygyin	...	...	...	...	...	...	250 0	250 0	250 0	32 3	32 3	35 6	18 4	18 4	18 14	Shwaygyin
	Salween	...	...	...	...	...	...	...	...	...	...	...	...	†	...	...	Salween
HYDERABAD AS-SIGNED DISTRICTS.	Secunderabad	...	...	...	20 11	18 0	17 12	125 0	125 0	130 0	10 14	10 14	9 9	10 6	10 6	9 2	Secunderabad
	Bolarum	...	...	29 9	22 8	20 4	19 7	116 14	116 14	116 14	...	...	...	10 12	10 12	9 5	Bolarum
	Chudderghat	...	...	...	21 0	17 0	18 0	80 0	80 0	80 0	...	...	...	9 8	9 8	9 0	Chudderghat
	Amraoti	...	...	...	24 0	22 0	21 0	70 0	70 0	64 0	12 0	12 0	10 8	11 8	11 8	10 0	Amraoti
	Akola	...	...	...	24 0	22 0	24 0	64 0	64 0	64 0	11 0	11 0	9 8	10 0	10 0	9 0	Akola
	Ellichpur	7 8	7 8	7 8	18 8	17 0	18 0	64 0	64 0	64 0	...	...	...	10 0	10 0	9 0	Ellichpur
	Buldana	...	...	...	22 0	22 0	24 0	64 0	64 0	64 0	...	...	...	11 0	10 0	9 0	Buldana
	Wun	...	...	...	22 0	22 0	35 0	...	...	...	...	...	...	11 0	10 0	9 0	Wun
	Basim	...	...	...	25 12	27 0	22 0	250 0	250 0	100 0	...	...	...	11 8	11 8	8 0	Basim
		...	...	...	26 2	26 0	28 0	64 0	64 0	64 0	9 2	9 8	9 8	9 0	9 0	8 0	

* No wholesale salt sold. † Annas 2 per viss.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT INDIA FOR THE 2nd HALF OF OCTOBER 1882 —*concluded.*

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

Provinces.	Districts.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholum, Jowari), *Holcus Sorghum.* Present fortnight.	Great Millet (Cholum, Jowari), *Holcus Sorghum.* Past fortnight.	Great Millet (Cholum, Jowari), *Holcus Sorghum.* Corresponding fortnight of 1881.	Bulrush Millet (Cumbu, Bajra), *Pennicillaria Spicata.* Present fortnight.	Bulrush Millet (Cumbu, Bajra), *Pennicillaria Spicata.* Past fortnight.	Bulrush Millet (Cumbu, Bajra), *Pennicillaria Spicata.* Corresponding fortnight of 1881.	Lesser Millets, Ragi, &c. (Kavarn, Varagu, Sawee, Cheena, Coramo, Murhwa, Nuglee), *Panicum Miliaceum*, &c. Present fortnight.	Lesser Millets, Ragi, &c. (Kavarn, Varagu, Sawee, Cheena, Coramo, Murhwa, Nuglee), *Panicum Miliaceum*, &c. Past fortnight.	Lesser Millets, Ragi, &c. (Kavarn, Varagu, Sawee, Cheena, Coramo, Murhwa, Nuglee), *Panicum Miliaceum*, &c. Corresponding fortnight of 1881.	Gram. Present fortnight.	Gram. Past fortnight.	Gram. Corresponding fortnight of 1881.	Firewood. Present fortnight.	Firewood. Past fortnight.	Firewood. Corresponding fortnight of 1881.	Salt. Wholesale. Present fortnight.	Salt. Wholesale. Past fortnight.	Salt. Wholesale. Corresponding fortnight of 1881.	Salt. Retail. Present fortnight.	Salt. Retail. Past fortnight.	Salt. Retail. Corresponding fortnight of 1881.	Districts.	Provinces.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.		
Mysore	Bangalore	11 6	11 7	11 4	12 4	12 11	12 7	10 2	10 1	10 10	11 2	11 3	11 10	33 6	32 1	...	...	...	...	96 0	96 0	84 0	13 4	13 4	10 8	13 0	13 0	10 0†	Bangalore	Mysore
	Kolar	...	...	...	11 2	11 2	12 8	13 15	13 10	11 13	15 3	14 14	13 12	...	...	...	...	...	...	34 0	34 0	34 0	13 8	13 8	11 1	13 3	13 3	10 13†	Kolar	
	Túmkúr	14 8	14 0	13 0	13 0	13 0	15 0	12 8	12 8	10 0	13 8	13 8	11 0	...	...	...	...	...	...	34 0	34 0	34 0	12 8	12 8	10 0	12 0	12 0	9 8†	Túmkúr	
	Mysore	12 4	11 4	10 0	...	...	10 8	11 0	11 0	8 10	12 0	12 0	9 1	32 0	25 0	16 0	...	...	...	45 0	41 0	27 0	...	...	...	8 8	9 0	7 0†	Mysore	
	Hassan	12 0	12 0	11 0	13 0	12 0	11 0	11 8	12 0	7 0	12 8	13 0	8 0	...	...	...	...	...	...	46 0	41 0	22 0	8 8	8 4	7 0	8 4	8 0	6 12†	Hassan	
	Shimoga	14 11	13 10	12 10	17 14	16 13	14 11	10 8	11 9	9 3	13 10	13 10	11 5	35 11	33 10	22 1	...	...	...	27 0	24 0	15 6	33 4	30 8	25 0	78 0	78 0	84 0	...	...	...	8 8	9 0	7 0†	Shimoga	
	Kadur	15 0	15 0	7 0	14 0	14 0	9 0	11 0	11 0	6 0	14 0	14 0	8 0	...	...	...	...	...	...	27 0	28 0	15 0	37 0	32 0	16 0	500 0	500 0	600 0	...	...	...	10 8	10 8	10 8†	Kadur	
	Chitaldroog	16 0	16 0	14 0	18 0	18 0	17 0	12 0	12 0	11 0	13 0	13 0	12 0	18 0	18 0	34 0	28 0	28 0	28 0	35 3	34 2	22 5	36 12	31 8	27 5	480 0	480 0	480 0	11 0	11 0	...	11 0	11 0	8 0†	Chitaldroog	
Coorg	Coorg	9 4	9 3	7 14	9 2	8 2	8 14	10 5	10 2	10 14	13 11	14 0	14 3	...	...	...	...	...	...	25 0	25 0	12 0	23 0	23 0	16 0	64 0	64 0	64 0	...	...	...	8 0	8 0	16 0	Coorg	Coorg
Rajpootana	Jeypore	17 2	17 0	15 12	23 0	24 0	22 8	6 0	6 0	6 0	9 0	9 0	9 8	20 0	20 0	24 0	20 8	21 0	20 0	56 0	42 0	42 0	32 0	32 0	32 0	100 0	100 0	100 0	8 0	8 0	16 0	8 0	8 0	16 0†	Jeypore	Rajpootana
	Kishengurh	18 8	17 8	17 8	27 0	26 0	27 4	9 8	9 0	8 8	11 0	10 0	9 0	27 0	26 0	27 0	22 0	21 4	21 0	20 5	20 4	22 1	21 5	22 12	23 2	110 0	110 0	110 0	9 2	8 7	...	8 7	8 7	8 1	Coorg	Coorg
	Kerrowlee	18 8	18 8	16 0	27 10	27 10	16 8	13 0	13 0	12 8	14 4	14 4	13 8	26 12	26 12	19 12	26 4	26 4	18 0	...	...	...	21 0	21 8	18 8	...	...	...	14 4	14 4	...	14 0	14 0	12 8	Jeypore	Rajpootana
	Ulwur	19 14	20 11	18 2	30 6	31 7	23 5	9 0	9 0	8 0	12 8	12 8	12 4	28 10	27 0	22 12	25 12	27 10	19 15	...	...	...	27 8	27 8	17 8	...	...	...	...	...	...	16 0	16 0	12 8	Kishengurh	
	Bhurtpore (City)	19 3	19 0	17 8	29 8	28 0	21 8	6 12	6 8	6 4	11 0	11 0	7 0	26 4	22 8	21 0	22 8	17 8	17 8	...	...	...	27 15	27 6	19 14	...	...	...	14 2	14 1	...	14 0	14 0	10 0	Kerrowlee	
	Ajmere	16 0	16 8	17 0	24 0	24 0	25 0	5 0	5 0	5 0	8 0	8 0	8 0	22 0	22 0	22 0	16 0	19 0	20 0	...	...	...	26 0	24 8	19 0	...	...	...	15 13	15 13	...	15 6	15 6	12 8	Ulwur	
	Deoli Cantonment	17 7	17 5	19 7	22 9	22 5	25 2	...	...	...	10 8	10 8	9 4	20 0	20 0	23 0	20 12	20 12	22 8	...	...	...	24 0	23 0	23 8	70 0	70 0	60 0	12 5	12 5	...	11 13	11 13	11 8	Bhurtpore (City)	
	Erinpura	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	21 11	21 10	22 3	...	...	...	16 10	...	...	15 0	15 0	11 0	Ajmere	
	Sirohee																												14 4	13 8	...	14 0	13 4	...	Deoli Cantonment	
	Abu																												*R a. p.*	*R a. p.* per md.	*R a. p*				
	Anadra																																		
	Hilly Tracts of Meywar	22 0	22 0	24 0	26 0	30 0	34 0	...	...	...	16 0	18 0	20 0	...	...	...	...	...	...	...	...	...	24 0	24 0	31 0	*	*	*	3 9 6	...	...	11 2¼	9 0	8 0	Erinpura	
	Meywar (Oodeypore)	15 3¾	14 7½	16 6½	21 7¾	20 5	21 14	10 8¼	10 2½	8 9½	...	...	...	...	...	...	...	...	...	...	...	...	17 3	16 0¼	18 12	200 0	200 0	200 0	S. Ch. *R a. p.*	S. Ch. *R a. p.* per md.	S. Ch. *R a. p.*	9 12¼	9 12¼	8 15½	Sirohee	
	Bánswára (Meywar Agency)	21 12	21 14	25 0	...	...	...	8 12	7 8	7 8	18 12	17 8	16 4	...	...	...	...	...	...	...	...	...	33 12	35 0	37 8	...	...	...	3 11 9	...	...	10 10	11 4	9 6	Abu	
	Partabgarh („)	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Anadra	
	Marwar (Jodhpore)																																		
	Bikaneer	13 10	13 14	11 0	...	...	...	3 1	3 1	3 0	6 8	6 8	6 8	...	...	...	23 0	23 0	16 8	...	...	...	20 4	18 4	19 0	...	...	...	S. Ch.	S. Ch.	S. Ch.	...	...	...	Hilly Tracts of Meywar	
	Boondee	17 0	17 0	20 0	28 0	27 0	26 0	10 0	9 0	8 0	10 8	10 10	9 0	29 0	28 0	26 0	...	...	...	...	...	...	30 0	28 0	23 0	160 0	160 0	160 0	12 12	12 8	10 8	12 8	12 4	...	Meywar (Oodeypore)	
	Kotah	17 0	18 4	22 8	14 4	14 0	31 8	9 0	10 0	8 0	13 1	13 4	10 8	23 8	25 0	35 0	15 0	15 0	17 8	...	...	...	26 8	27 8	25 4	240 0	240 0	240 0	13 4	12 12	...	12 12	12 4	9 4	Bánswára (Meywar Agency)	
	Tonk	15 9	14 9	18 6	23 0	22 6	21 15	7 0	7 0	7 8	9 8	10 0	9 12	25 1	24 7	23 9	21 9	21 4	21 5	...	...	...	22 12	22 2	20 0	160 0	160 0	100 0	13 6	12 6	10 13	12 10	11 12	...	Partabgarh („)	
	Jhallawar	15 6	14 2¼	21 4	14 12	15 15	27 14	...	...	...	10 2	10 2	8 13½	20 3	19 8	28 4	19 4	17 15	18 3	...	...	...	21 5	20 8	22 14	...	...	...	10 14	10 14	7 12	10 10	10 10	...	Marwar (Jodhpore)	
	Shahpoora	17 8	16 14	21 0	21 12	21 12	28 12	12 2	11 12	10 4	14 3	14 8	15 0	18 10	18 6	27 0	18 12	18 4	20 0	...	...	...	21 8	21 0	21 0	160 0	160 0	§160 0	14 0	13 14	11 6	13 12	13 10	...	Bikaneer	Rajpootana
	Dholpur	17 15	18 11	16 11	28 4	28 11	20 4	10 2	10 2	9 0	12 6	12 6	12 6	23 10	24 6	19 15	25 2	28 2	19 6	...	...	...	27 4	27 9	18 15	...	...	...	13 3	13 3	10 11	12 6	12 6	10 1	Boondee	
	Indore	16 8	16 13	19 10	...	...	...	9 3	10 0	8 0	10 14	12 0	8 10	26 10	28 3	43 10	22 11	22 14	32 0	...	...	...	18 7	17 12	24 0	100 0	100 0	100 0	12 5	12 0	...	12 0	...	6 0	Kotah	
	Gwalior	17 4	17 7	16 4	21 0	20 9	19 3	7 13	7 13	6 14	10 1	10 1	10 5	23 5	23 5	19 3	21 11	22 7	16 11	...	...	...	24 0	24 10	15 12	109 8	109 8	106 6	...	...	...	...	11 14	11 14	10 1	Tonk	
	Gooma	21 0	21 0	27 0	20 0	20 0	20 0	9 0	9 0	9 12	9 8	9 8	10 4	26 0	26 0	49 0	16 8	16 8	20 0	...	...	...	25 0	25 0	32 0	200 0	200 0	200 0	12 10	12 10	...	12 0	12 0	10 0	Jhallawar	
	Baghelkhand (Sutna)	20 1	20 5	21 0	32 6	35 0	30 0	8 0	8 0	7 0	21 11	21 0	20 0	34 12	32 8	26 0	28 0	29 11	18 0	...	...	...	33 4	30 14	26 0	160 0	160 0	160 0	12 8	12 8	...	11 12	11 12	10 12	Shahpoora	
																																			Dholpur	
																																			Indore	Central India.
																																			Gwalior	
																																			Gooma	
																																			Baghelkhand (Sutna)	

* Eight pice per bundle. † Sea Salt. ‡ Earth Salt. § Erroneously given as 120 seers in last return.

DEPARTMENT OF FINANCE AND COMMERCE,
(*Statistical Branch.*)

D. M. BARBOUR,
Secretary to the Government of India.

GOVERNMENT OF INDIA.

HOME DEPARTMENT.

EXAMINATION OF CLERKS FOR CERTAIN OFFICES.

No. 1847.

Extract from the Proceedings of the Government of India, in the Home Department (Public),—under date Fort William, the 24th November 1882.

Read—

Home Department Resolution, No. 31—1298-1308, dated the 31st August 1882, on the subject of the filling up, by a system of competitive examination, of vacancies in the clerical establishments of the Secretariat Offices connected with the Government of India.

RESOLUTION.

The Governor General in Council has been pleased to decide that, in addition to the Offices and Departments specified in paragraph 16 of the Resolution read above, the Resolution will also apply to the undermentioned Offices:—

Office of the Surveyor General of India.
" Superintendent of the Geological Survey of India.
" Meteorological Reporter to the Government of India.
" Accountant General, Military Department.
" Director General of Telegraphs.
" Press Commissioner.

ORDER.—Ordered, that a copy of the above Resolution be forwarded for information and guidance to all the Departments of the Government of India, and that the Resolution be published in the Supplement to the *Gazette of India*.

(True Extract.)

F. C. DAUKES,
for *Secretary to the Government of India.*

Printed & published for the GOVT. OF INDIA *at the Office of* SUPDT. GOVT. PRINTING, *166, Dhurrumtollah Street, Calcutta.*

SUPPLEMENT TO

The Gazette of India.

Nº 48. CALCUTTA, SATURDAY, DECEMBER 2, 1882.

OFFICIAL PAPERS.

A SUPPLEMENT *to the* GAZETTE OF INDIA *will be published from time to time, containing such Official Papers and information as the Government of India may deem to be of interest to the Public, and such as may usefully be made known.*

Non-Subscribers to the GAZETTE *may receive the* SUPPLEMENT *separately on a payment of six Rupees per annum if delivered in Calcutta, or nine Rupees if sent by Post.*

No Official Orders or Notifications, the publication of which in the GAZETTE OF INDIA *is required by Law, or which it has been customary to publish in the* CALCUTTA GAZETTE, *will be included in the* SUPPLEMENT. *For such Orders and Notifications the body of the* GAZETTE *must be looked to.*

GOVERNMENT OF INDIA.

REVENUE AND AGRICULTURAL DEPARTMENT.

REPORTS ON THE STATE OF THE SEASON AND PROSPECTS OF THE CROPS FOR THE WEEK ENDING THE 28th NOVEMBER 1882.

General Remarks.—More or less rain has fallen throughout the Madras Presidency; standing crops, with a few exceptions, are in good condition; and harvest is progressing. Coorg has had a little rain; the *ragi* harvest here is over, the rice crop is almost ready for cutting, and coffee-picking has commenced in the south.

In Mysore there has been more or less rain in every district, but one; standing crops are thriving.

In the Nizam's Territories and Berar there has been a little rain, and prospects are favourable.

In the Bombay Presidency the harvesting of *kharif* and sowing of *rabi* have been completed in some districts and are in progress in others; some showers have fallen in the Deccan districts and in Dharwar; rain is wanted in Kaladghi and Belgaum.

In the Central Provinces rain in varying quantities has fallen in most districts, benefiting the *rabi* crops; the harvest of *kharif* crops has begun in a few districts. In Central India and Rajputana prospects are good.

In the Punjab *rabi* sowings have been completed in some parts and are in progress in others. In the North-Western Provinces and Oudh a little rain occurred in three districts; the *rabi* sowings have been completed, and the young crops generally are doing well; in Lucknow, however, the sowings need rain in some places. In Bengal almost all reporting districts have had a little rain; the harvest of *aman* rice is progressing with fair outturn in some places and very good in others; prospects of *rabi* crops are very favourable everywhere, and sugarcane is very promising. Assam also has had a little rain in all reporting districts; and harvesting of rice has commenced. In British Burma crops are progressing satisfactorily.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Madras—(Nov. 29th)		
Bellary	·87 (average of 7 stations).	Standing crops generally good; harvest paddy, dry grains, and sugarcane, yield average.
Kurnool	1·09 (average of 6 stations).	Standing wet crops withering in 5 taluks; dry crops fair; harvest early dry crops, outturn generally fair; cattle disease in parts.
Ganjam	·55 (average of 6 stations).	Standing crops, dry grains and sugarcane thriving; harvest paddy and dry grains, yield below average; fever, small-pox, and cattle disease continue.
Kistna	3·30 (average of 10 stations).	Standing crops, paddy affected by blight in parts; harvest paddy and *cholum*, outturn below average; fever and cattle disease prevail; water 2·94 feet over anicut.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Madras—*contd.*		
Chingleput (Madras) .	8·27 (average of 11 stations).	Standing crops good; harvest paddy, yield below average; small-pox and cattle disease in parts.
Coimbatore . . .	·30 (average of 9 stations).	Standing crops generally good; harvest paddy and dry grains, yield average; fever, small-pox, cholera, and cattle disease in parts.
Tanjore . . .	9·61 (average of 13 stations).	Standing crops generally good; harvest paddy and dry grains, outturn below average.
Madura	1·57 (average of 10 stations).	Standing crops generally fair; cholera in parts.
Malabar . . .	·75 (average of 12 stations).	Standing crops good.
Travancore . . .	1·45	Standing crops good; fever continues. *General Remarks.*—General prospects good.
Bombay—**(Nov. 29th)**		
Kurrachee . . .	. . . . .	River at Kotri on 23rd 5 feet 7 inches, one inch higher than on same date last year; fever in all talukas; cattle disease in two talukas, but to no great extent; prospects of *kharif* crop of 1882-83, area 1,700 acres in excess of last year, average realization 10½ annas in the rupee, deficient outturn due to floods; wheat, red rice, and *bajri* in Karachi 25, 36, and 39, in Manjhand 26, 36, and 56, in Ghorabari 20, 44, and 44, and in Sajwal 22, 36, and 46 pounds per rupee, respectively.
Hyderabad . . .	. . . . .	Thrashing of *kharif* crops still continues; cotton picking in progress; *rabi* crops flourishing; cold daily increasing; small-pox continues in Hyderabad and Manshahro; cattle disease in two talukas, and fever general throughout; wheat 25, *bajri* 42, *jowari* 46, red rice 32, and white rice 22 pounds per rupee.
Ahmedabad . . .	. . . . .	*Rabi* sowings continue; other crops healthy; fever in Viramgaum, Gogo, and Parantej; wheat 29 and *bajri* 33 pounds per rupee.
Baroda	. . . . .	Harvesting of *kharif* in progress; sowings of *rabi* completed; standing crops in good condition; slight cholera still continues in the Amreli taluka; cattle disease in the Kari and Sidhpur talukas; *bajri* 32⅜ and common rice 24¼ pounds per rupee.
Surat	. . . . .	Standing crops healthy; *jowari* 40 pounds and *nagli* 58 pounds per rupee.
Nasik	Slight showers of rain	Weather cloudy and muggy; wheat 25½, *bajri* 36, and rice 23½ pounds per rupee.
Colaba (Bombay) . .	·03 on 27th and 28th	Abnormal temperature 1° cool on 22nd, 3° cool from 23rd to 25th and then gradually rose to 1° cool on 28th; vapour in air in defect of normal from 22nd to 26th, afterwards in excess of normal; wind normal; thunder and distant lightning on 28th.
Poona	Rain in all talukas, about 2·0 on 27th at Poona.	Rainfall beneficial to *rabi*; *bajri* 44 and *jowari* 55 pounds per rupee, in Poona, *bajri* 37 and *jowari* 48 pounds per rupee.
Ahmednagar . . .	Nagar . . ·36 Karjat . . ·20 Sheogaon . . ·42 Newasa . . ·25 Rahuri . . ·15 Shrigonda . ·09 Sangamner . ·08	No rain in rest of the talukas; more still wanted throughout the districts; locusts disappeared; cholera subsided in Jamkhed taluka; *bajri* maximum 66 pounds per rupee in Jamkhed, minimum 41 in Sheogaon; *jowari* maximum 93 pounds per rupee in Jamkhed, minimum 44 pounds in Akola.
Sholapur . . .	Sholapur . . ·52 Madha . . ·38	Total rainfall 30·60 in Sholapur; this timely rainfall will probably improve the crops; *jowari* 65 pounds 6 tolas, and *bajri* 54 pounds 6 tolas per rupee.
Dharwar . . .	Rain in all talukas except Ranibennur and Kod. Heavy in Dharwar and slight in others.	Rainfall beneficial to late crops; early crops being harvested; sowing of late crops completed; cotton crop good; slight fever in Mugud and Mundargi; cholera continues in Navalgand and Ron; 21 deaths in Navalgand and 9 in Ron; slight cattle disease in 3 talukas; rice minimum 22 and *jowari* 54 pounds per rupee.
Kanara	Karwar . . ·28 Kumpta . . ·68	Rice harvest continues in 5 talukas; *ragi* in two; preparing ground for second crop in two talukas; garden produce healthy; fever and cattle disease in two talukas; common rice in Karwar 11 seers per rupee, in district average 15½ seers per rupee; weather cloudy with light showers.
Rajkot	. . . . .	Weather cold; general health good; fever decreasing; *bajri* 25 and *jowari* 35 pounds per rupee. *General Remarks.*—Harvesting of *kharif* and sowing of *rabi* completed in some districts and in progress in others; rain in the Deccan districts and in Dharwar, wanted in Kaladgi and Belgaum; fever and cattle disease in some districts; slight cholera and small-pox in a few.
Bengal—**(Nov. 28th)**		
Chittagong . . .	A few drops	Weather seasonable till 24th, since which cloudy, with south-westerly wind; prospects of crops good; prices steady; cattle disease in thana Chakaria; general health good.
Dacca	·05	Late rice harvest commencing; prospects promising; winter crops still being sown; sugarcane being cut, outturn good.
24-Pergunnahs (Alipore)	·29	Prospects of late rice and sugarcane satisfactory; rice on high lands being harvested; winter crops doing well; price of common rice stationary; public health good; sporadic cholera reported from almost all sub-divisions.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Bengal—*contd.*		
Moorshedabad . .	*Nil*	State and prospects of crops favourable; *amun* being harvested in some places; fever in and about Rangamati, and here and there; elsewhere in a mild form.
Rajshahye . . .	·02	Weather seasonable; winter crops doing well; outturn of rice in Nattore, average, but in higher lands not so good; cholera severe in some thanas.
Burdwan . . .	*Nil*	Prospects of crops generally fair; fever prevalent.
Rungpore . . .	·10	Weather cloudy and cool; tobacco being planted; other cold-weather crops being sown; prospects of crops good; public health good.
Bhagalpur . . .	·95	Harvesting of rice begun; prospects of crops good; fever abating in Soopole, but still prevalent in Muddehpoorah sub-division.
Purneah . . .	·35	Late rice being harvested, outturn moderate; much mortality from fever.
Patna	1·18	Prospects of *rabi* crops good; paddy being cut; public health good.
Durbhunga . . .	·65	*Rabi* prospects good; rice fair; prices stationary; health good.
Hazaribagh . . .	·30	Weather cold and cloudy; rice harvest continues, outturn seems good; prospects of *rabi* crops favourable; health generally good.
Cuttack	. . . . .	Weather cloudy; harvesting of late rice in progress; *rabi* crops doing well; public health good. *General Remarks.*—There was a little rain in almost all the reporting districts during the week; harvesting of *amun* rice progressing; outturn will be only fair in several places, but in Orissa and in parts of Eastern Bengal and Chota-Nagpore it promises to be very good; prospects of *rabi* crops everywhere reported on very favourable; sugarcane crop also very promising, it is being harvested in some districts; prevalence of fever reported from several districts, and of cholera from some.
N.-W. Provinces and Oudh—		
Benares (Nov. 28th)	Benares . . ·60 Chandauli . ·40 Gangapur . . 1·40	Rice being cut in places; rainfall good for *rabi* crops; no sickness among men or cattle; prices steady.
Allahabad („ 29th)	Average fall of ·50 in district.	The rain has been most beneficial to rising crops; irrigation stopped; health good; prices stationary; prospects excellent.
Gorakhpur („ 27th)	. . . .	Weather cloudy yesterday; crops promising; health good; prices stationary.
Jhansi („ „)	. . . .	Weather cloudy; rain threatening; *kharif* harvesting almost over, outturn good; prices falling; no cattle disease; health good.
Agra („ 28th)	. . . .	No rain but clouds during the night; *rabi* sowings nearly completed; standing crops being irrigated; small-pox reported in pargana Fatehabad; general health good, prices stationary.
Bareilly („ „)	No rain	Weather warmer; prospects good; some fever prevalent, but not of a severe type.
Meerut („ „)	. . . .	Weather clear; health good, but slight cattle disease exists; prices unaltered.
Kumaon („ „)	. . . .	Weather fair; rain much wanted; typhus fever in some villages, total deaths up to date below 25, otherwise general health good; cattle disease continues; prices stationary.
Lucknow („ „)	. . . .	Rain urgently wanted for *rabi* sowings in *do-fasli* lands; public health good.
Partabgarh („ „)	. . . .	Weather has been cloudy for the last few days with occasionally a few drops of rain; *rabi* crops promising; a fair harvest of rice is being reaped; a few cases of cholera still continue to be daily reported from all tahsils.
Sitapur („ „)	. . . .	Weather cloudy for three days during week, but no rain; general health good; prices stationary.
Fyzabad („ „)	No rain	Weather cloudy; crops coming up well; irrigation going on; public health good; prices stationary.
Rae Bareli (Nov. 27th)	Slight drizzling rain on 25th and 26th.	Sky cloudy; *rabi* sowings completed; irrigation from wells is being carried on; cholera still continues; prices stationary.
Cawnpore („ 28th)	No rain except slight showers in four parganas.	*Rabi* sowings completed; crops looking well; health good; prices stationary.
Farukhabad („ „)	. . . .	Prospects fair; prices steady; weather seasonable; rain needed; weather slightly cloudy. *General Remarks.*—Rain in three districts; weather cloudy; prices stationary; general health and prospects good; a few cases of typhus fever in Kumaon.
Punjab—**(Nov. 28th)**		
Delhi	. . . .	Health and harvest prospects good; slight fall in prices.
Hissar	. . . .	Health good; prices stationary; *rabi* sowings in progress; *kharif* nearly gathered.
Umballa . . .	. . . .	Health good; prices stationary.
Jullundur . . .	. . . .	Health good; prices steady.
Amritsar . . .	. . . .	Health good; *rabi* sowings nearly completed; prices stationary.
Lahore	. . . .	Health good; prices fluctuating; harvest prospects satisfactory.
Ferozepore . . .	. . . .	Health good; prices stationary.
Sialkot	. . . .	Health good; prices stationary; *rabi* sowings continue.
Rawalpindi . . .	. . . .	Seasonal fever prevailing; prices stationary; *rabi* sowings in progress.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Punjab—*contd.*		
Peshawar . . .	. . . .	Rain wanted; fever decreasing; prices falling.
Mooltan . . .	. . . .	Health improving; prices stationary; *rabi* sowings in progress.
Dera-Ismail-Khan . .	. . . .	Fever abating; harvest prospects good; prices falling.
		General Remarks.—The health of the Province and the prospects of crops are generally good; there has been no rain during the week.
Central Provinces—		
Nagpur (Nov. 29th)	3·17	Weather cloudy; prospects of *rabi* crops good; health good; prices steady.
Jubbulpore („ 28th)	1·14	Weather cloudy; rain beneficial to *rabi* crops; health good; wheat 19 seers per rupee.
Saugor („ 27th)	·57 recent rain.	Crops lying on the threshing floors, they have been somewhat injured; fever prevalent; prices steady.
Seoni („ 28th)	3·43	Standing crops much benefited by rain, but rice suffers from damp; prices stationary.
Hoshangabad („ „)	. . . .	Weather rainy and cloudy; prospects of crops good; fever prevalent; a few cases of small-pox reported; wheat 15 seers per rupee.
Raipur („ 25th)	·10	Weather cloudy; reaping of *kharif* crops continue; *rabi* sowings in progress; fever abating; prices stationary.
Sambalpur („ 23rd)	. . . .	Weather cool; prospects of crops good; fever still prevalent; rice 56 seers per rupee.
Khandwa („ 28th)	·32	Weather cloudy and chilly; prospects of crops good; small-pox reported; prices steady; wheat 16 seers per rupee.
		General Remarks.—Weather cloudy and cool, with rain during the latter portion of the week, which has been beneficial to *rabi* crops; *kharif* crops being harvested in a few districts; fever still continues; prices steady.
British Burma—		
Akyab (Nov. 25th)	*Nil*	Total rainfall 201·64 inches; public health in town good; 2 deaths from cholera in district and some from small-pox, but number unknown; cattle disease in one township; crop prospects good.
Rangoon . . .	*Nil*	Total rainfall 101·55; 4 fatal cases from cholera, otherwise public health good; crops progressing.
Bassein . . .	*Nil*	Total rainfall 125·62 inches; public health good; crop prospects generally good.
Prome . . .	*Nil*	Total rainfall 50·06 inches; 5 deaths from cholera in town, otherwise public health good; crop prospects fair.
Amherst (Moulmein) .	*Nil*	Total rainfall 202·90 inches; public health in Moulmein town good; 11 deaths from cholera in one township; otherwise public health and health of cattle good; crops healthy; reaping commenced.
Toungoo . . .	*Nil*	Total rainfall 90·88 inches; public health good.
		General Remarks.—A few cases of cholera in several districts; but public health generally good; crop prospects good.
Assam—		
Gauhati (Nov. 28th)	·28	Weather seasonable; nights and mornings cool and foggy; prospects of crops and public health good.
Sylhet („ 29th)	·07	Harvesting *amun* and cultivation for winter crops progressing well; prospects good; cholera and small-pox reported from some quarters.
Cachar („ „)	·10	Weather cloudy and rather warm for the season; reaping of *sali* crops progressing; price of common rice 26⅝ seers per rupee; cholera somewhat abated, only one new case reported.
Dibrugarh („ „)	·11	Weather cool; cutting of *sali* paddy has commenced; public health good; cattle disease decreasing.
Mysore and Coorg—		
Bangalore (Nov. 29th)	4·12	Standing crops thriving; prospects fair.
Mysore („ „)	·58	Crops in good condition; the north-east monsoon has broken and rain has been general.
Mercara („ „)	·37	Rice crop almost ready for cutting, everywhere good; *ragi* harvest over; coffee picking commenced in South Coorg, probable outturn a little below average; prices of food grains falling gradually.
		General Remarks.—The north-east monsoon has broken and rain has been general throughout the east of the State; Kolar has had 4·32 inches, Tumkur 2·49; the ripe crops in parts are being injured from continuous rain; towards the west of the State, rain has been more or less general, thus in Chickmagalur ·14, Chitaldrug ·52, Shimoga none; crops in good condition; prospects fair; prices steady; public health good.
Berar and Hyderabad (Nov. 29th)		
Amraoti . . .	·09	Crops in good condition; prices—wheat 16, *juari* 28 seers per rupee.
Akola . . .	. . . .	Prospects of crops favourable; weather cool.
Hyderabad (Nov. 30th)	·89	Standing crops benefited by rainfall; cholera still prevalent in some places; prices, wheat 16½, common rice 10¾, white *juari* 27, yellow *juari* 33¼, and *tur* 26½ seers per current sicca rupee.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Central India States— (Nov. 29th)		
Indore	. . .	Weather cloudy with occasional showers; prospects and health good.
Morar (Gwalior) . .	. . .	Weather seasonable; prospects of crops and public health good.
Sutna	1·24	Weather still wet.
Neemuch	. . .	Weather seasonable; prospects of crops and public health good.
Goona	. . .	Weather seasonable; prospects of crops and public health good.
Bhopal (Serohi) . .	. . .	Health and prospects of crops good.
Agar	. . .	Health and prospects of crops good.
Nowgong	. . .	Health and prospects of crops good.
Manpur	. . .	Weather cloudy and cold, attended with slight showers; wheat and gram crops doing well; prices stationary.
Rajputana—		
Abu (Nov. 29th)	·35	Cloudy, cold, seasonable weather; fever disappearing.
Sirohi („ 26th)	. . .	Tanks, wells, and health good; crops cut; weather pleasantly cool.
Marwar („ 24th)	. . .	One month's water in tanks; wells resorted to; health good; *kharif* almost harvested; *rabi* crops springing up promisingly; cold increasing; prices stationary.
Meywar („ 25th)	. . .	Wells and tanks fair; health good; sowing operations continued; weather very cold.
Harowti („ „)	. . .	Standing crops and health good; weather seasonable.
Ajmere („ 28th)	. . .	Weather seasonable; health good.
Jeypore („ „)	. . .	Prices firm; prospects satisfactory; health fair.
Ulwar („ „)	. . .	*Rabi* sowings continue; tanks drying; wells in good supply; health good.
Nepal—		
Khatmandú (Nov. 23rd)	*Nil*	Weather beautiful, cold, bright, and frosty; agricultural prospects good.

E. C. BUCK,
Secretary to the Government of India.

GOVERNMENT OF INDIA.

REVENUE AND AGRICULTURAL DEPARTMENT.

ABSTRACT SHOWING THE RESULT OF EMIGRATION FROM THE PORT OF CALCUTTA DURING THE MONTH OF JULY 1882.

No. 1.—As to age and sex.

	Mauritius.				Total.			
	Males.	Females.	Total	Proportion of women to men.	Males	Females.	Grand Total.	Remarks.
Under 2 years .	5	10	15		5	10	15	
From 2 to 10 years	26	15	41		26	15	41	
„ 10 to 20 „ .	41	19	60		41	19	60	
„ 20 to 30 „ .	124	54	178		124	54	178	
„ 30 to 40 „ .	25	11	36	1473 women to every 100 men.	25	11	36	
„ 40 to 50 „ .	...	1	1		...	1	1	
Above 50 „ .	...	...	...		...	...	...	
Grand Total .	221	110	331		221	110	331	

No. 2.—As to places whence emigrants came to Calcutta for embarkation.

Orissa . . .	1	...	1	...	1		1
Western Bengal .	15	6	21	...	15	6	21
Central ditto . .	...	2	2	...	...	2	2
Eastern ditto . .	...	1	1	...	...	1	1
Behar . . .	92	64	156	...	92	64	156
N.-W. Provinces .	80	32	112	...	80	32	112
Oudh . . .	27	4	31	...	27	4	31
Central India . .	...	...	...	...	...	...	...
Punjab . . .	5	...	5	...	5	...	5
Nepal . . .	..	..	...	..	...	...	...
Mixed, Madras and Bombay, &c.	1	1	2	..	1	1	2
Grand Total .	221	110	331	...	221	110	331

No 3.—As to caste and religion.

Brahmins, high caste	25	12	37	...	25	12	37
Hindus: Agriculturists .	74	34	108	...	74	34	108
Hindus: Artisans . .	21	10	31	...	21	10	31
Hindus: Low castes .	70	43	113	...	70	43	113
Musulmans . .	31	11	42	...	31	11	42
Christians . .	...	...	...	...	...	...	..
Grand Total .	221	110	331	...	221	110	331

MEMO.	M.	F.	Total.
1. Hindoos .	190	99	289
2. Musulmans .	31	11	42
3. Christians .	...	...	...
Total .	221	110	331

E. C. BUCK,
Secretary to the Government of India.

GOVERNMENT OF INDIA.

DEPARTMENT OF FINANCE AND COMMERCE.

SUPPLEMENT TO THE STATEMENTS OF PRICES CURRENT OF FOOD-GRAINS FOR THE 1st AND 2nd HALVES OF OCTOBER 1882 PUBLISHED IN PAGES 1508, 15
1726 AND 1727 OF THE SUPPLEMENT TO THE "GAZETTE OF INDIA," DATED 11th AND 25th NOVEMBER 1882.

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

Provinces.	Districts.	Wheat.			Barley.			Rice. Best sort.			Rice. Common.			Great Millet (Cholum, Jowari). *Holcus Sorghum.*			Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.*			Lesser Millets, Ragi, &c. (Kutaru, Verugoo, Sawee, Cheenu, Coraloo, Murwa, Nuglee, &c.), *Paniceum Miliaceum, Eleusine Coracana,* &c.			Gram.			Firewood.			Salt. Wholesale.		Salt. Retail.	
		Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Rs. A. per maund.	Rs. A. per maund.	Present fortnight.	Past fortnight.
	1st half of October 1882.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.			S. C.	S. C.
Rajpootana.	Erinpura . . .	17 4	...	17 10	28 9	...	30 0	6 8	7 0	...	8 7	8 0	7 0	20 9	17 0	25 0	20 0	18 0	20 0	23 12	23 0	22 14	160 0	160 0	160 0	3-1-3	3 0	3 0	12 0	...	12 4	11 8
	Sirohee . . .	14 12	15 0	15 0	22 12	23 0	28 0	6 8	6 8	8 0	8 0	8 0	8 0	20 0	18 0	25 0	18 0	13 0	20 0	21 0	21 0	24 0	160 0	160 0	160 0	3 8	3 8	3 8	11 8	8 10	12 0	11 8
	Abu . . .	16 8	17 0	16 9	25 12	26 8	30 0	7 0	6 0	9 0	9 0	8 0	8 0	20 0	17 12	25 0	18 0	13 0	20 0	21 0	21 0	24 0	160 0	160 0	160 0	3 4	3 4	3 4	12 4	12 0	12 4	12 4
	Anadra . . .	18 2	16 9	16 4	23 12	22 8	25 0	6 4	7 0	9 0	8 0	8 0	8 0	20 0	17 12	25 0	18 0	13 0	20 0	21 0	21 0	24 0	160 0	160 0	160 0	2 8	2 8	2 8	15 10	15 0	15 8	15 8
	Marwar (Jodhpore)																															
	2nd half of October 1882.																															
Rajpootana.	Erinpura . . .	17 14	17 4	18 0	31 10	28 9	30 0	...	8 0	8 0	8 0	8 0	7 0	20 9	17 0	25 0	20 0	18 0	20 0	23 12	23 0	22 14	160 0	160 0	160 0	3-1-3	3 0	3 0	12 0	...	12 4	11 8
	Abu . . .	15 0	14 12	16 0	23 0	22 12	25 0	6 8	6 8	8 0	8 0	8 0	8 0	20 0	17 12	25 0	18 0	13 0	20 0	21 0	21 0	24 0	160 0	160 0	160 0	3 8	3 8	3 8	11 8	8 10	12 0	11 8
	Anadra . . .	16 8	16 8	18 8	14 0	25 12	30 0	7 0	7 0	9 0	9 0	8 0	8 0	20 0	17 12	25 0	18 0	13 0	20 0	21 0	21 0	24 0	160 0	160 0	160 0	3 4	3 4	3 4	12 4	11 4	12 4	12 4
	Partabgarh (Meywar Agency)	18 11	20 3	19 13	...	...	...	10 0	10 0	10	12 8	14 7	11 14	...	...	...	...	...	...	...	...	...	...	...	...	2-9-3	...	...	15 8	15 12	15 8	15 8

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DEPARTMENT OF FINANCE AND COMMERCE.

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OFFICIAL PAPERS.

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GOVERNMENT OF INDIA.

REVENUE AND AGRICULTURAL DEPARTMENT.

REPORTS ON THE STATE OF THE SEASON AND PROSPECTS OF THE CROPS FOR THE WEEK ENDING THE 5th DECEMBER 1882.

GENERAL REMARKS.—Rain has fallen more or less throughout the Madras Presidency; standing crops are reported in good condition; and the harvest outturn is generally fair.

In Coorg there has been fair rain; the rice crop is said to be a good one; coffee-picking is proceeding, but the crop is rather short.

In Mysore the rainfall has been abundant, and standing crops are in good condition. In the Nizam's territories and Berar there has been slight rain, and prospects of crops continue favourable.

There has been slight rain in some districts of the Central Provinces, which has been beneficial to *rabi* crops; the *kharif* crop is being harvested in some places.

There has been no rain in the Punjab; but prospects continue generally good. In the North-Western Provinces and Oudh there has been slight rain in four districts; the prospects of crops are good everywhere except in Lucknow, Kumaon, and part of the Meerut Division, where rain is needed.

There has also been a little rain in four districts of the Bengal Presidency; and the rainfall of the week preceding is said to have been very beneficial to the winter crops and sowings; harvesting of late rice is proceeding quickly with generally fair outturn. In Assam there has been no rain; harvesting of rice continues.

In British Burma crop prospects are good everywhere.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Madras—(Dec. 6th)		
Bellary	3·07 (average of 8 stations.)	Standing crops generally good; harvest paddy, dry grains, and sugar-cane, outturn average.
Kurnool . . .	5·91 (average of 9 stations.)	Standing dry crops fair; harvest early dry crops, yield generally fair; cattle disease in parts.
Ganjam . . .	2·03 (average of 17 stations.)	Standing crops, paddy, dry grains, and sugarcane thriving; harvest paddy, outturn good; fever, small-pox, and cattle disease continue
Kistna	8·19 (average of 8 stations.)	Harvest paddy, yield average; fever and cattle disease prevail; water 8 feet over anicut.
Chingleput (Madras) .	8·32 (average of 11 stations).	Standing crops generally good; harvest paddy, outturn below average.
Coimbatore . . .	1·30 (average of 15 stations).	Standing crops generally good; harvest paddy and dry grains, outturn average; fever, small-pox, and cholera in parts.
Tanjore . . .	1·23 (average of 11 stations).	Standing crops generally good; harvest paddy and dry grains, yield below average.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Madras—*contd.*		
Madura	2·12 (average of 10 stations).	Standing crops generally fair ; cholera in parts.
Malabar	1·90 (average of 14 stations).	Standing crops good ; small-pox and cholera slight in parts.
Travancore	3·51	Standing crops good ; fever continues, *General Remarks.*—General prospects good.
Bengal—(Dec 5th)		
Chittagong	·36	Weather cool and cloudy at intervals; prospects of winter crops favourable; *amun* being harvested, average yield expected; prices stationary; public health generally good.
Dacca	*Nil*	Prospects of crops good; late rice being harvested.
24-Pergunnahs (Alipore)	*Nil*	Prospects of *amun* rice satisfactory; harvesting commenced; *rabi* crops doing well; public health good; cases of cholera and fever, as usual in this season, reported from several parts of district.
Moorshedabad	*Nil*	Harvesting of *amun* going on; *rabi* crops doing well; with the exception of fever in and about Rangamati, health of district generally good.
Rajshahye	·03	Winter crops promise fairly; cholera severe in some places.
Burdwan	·08	Late rice being harvested; cold-weather crops doing well; fever abating.
Rungpore	*Nil*	Weather seasonable; prospects of crops favourable; harvesting of *amun* commenced; prices of food-grains stationary; public health good.
Bhagalpur	*Nil*	Prospects of crops favourable; late rain very beneficial to *rabi* crops, except to some of the mustard in bloom; fever still prevalent in Muddehpoorah and Soopole sub-divisions; some small-pox and cholera reported from various places in the south of the Ganges.
Purneah	*Nil*	Cold-weather crops promise well; late rice being harvested, crop poor; fever prevalent.
Patna	*Nil*	Prospects of *rabi* crops good; reaping of paddy going on; public health good.
Durbhunga	*Nil*	*Rabi* crops doing well; paddy being cut in places; prices of food-grains falling slightly; public health generally good.
Hazaribagh	·10	Weather bright and cold; rice harvest nearly brought to an end; *rabi* prospects favourable; prices remain unchanged; health good.
Cuttack	*Nil*	Prospects of crops excellent; late rice being reaped; public health good. *General Remarks.*—The rain, which was reported last week, fell in most districts and was general in Behar; it has greatly benefited the winter crops and sowings, which are everywhere promising well; harvesting of late rice is in rapid progress; general outturn is expected to be only fair in many districts and good in some; in Purneah alone it is reported to be poor; fever still prevalent in many districts, and cholera in some.
N.-W. Provinces and Oudh—		
Benares (Dec. 5th)	·40	Prospects of *rabi* crop very favourable; prices rising; no sickness.
Allahabad („ 6th)	No rain	Crops doing well; health good; prices stationary.
Gorakhpur („ 4th)	Slight showers on two days.	Crops promising; health good; prices fair.
Jhansi („ „)	A slight shower in pargana Man.	*Rabi* crops coming up well; prices falling; small-pox in pargana Jhansi; no cattle disease.
Agra („ 5th)	No rain	*Rabi* sowings very nearly finished; irrigation going on; small-pox in one pargana; general health good; prices stationary.
Bareilly („ „)	No rain	Weather seasonable; prospects excellent; condition of cattle and people good.
Meerut („ „)	. . . .	Weather clear; rain wanted for unirrigated crops; cane-pressing commenced; small-pox appeared in Sirdhana; prices generally stationary, but wheat risen slightly in Ghaziabad and Sirdhana.
Kumaon („ „)	. . . .	Weather fine; rain required; somewhat smaller area sown for *rabi* owing to hardness of ground; *mahamari* in two villages; cattle disease still prevalent; prices stationary.
Lucknow („ „)	No rain	Prospects of crops fair, but rain is urgently required; public health good; want of fodder felt.
Partabgarh („ „)	. . . .	*Rabi* crops very promising, they have been considerably benefited by the slight rain and heavy dews of last week; dew still continues heavy; cases of cholera are still reported from all three tahsils.
Sitapur („ „)	No rain	Wind west during the week; prospects continue favourable; general health good; prices stationary.
Fyzabad („ „)	. . . .	Cloudy weather during three days in the week; weather seasonable; prospects good; irrigation going on; prices steady; health good.
Rae Bareli (Dec. 4th)	No rain	Weather seasonable; *rabi* crops germinated; cholera lingering; prices stationary.
Cawnpore („ 5th)	No rain	*Kharif* harvesting and *rabi* sowing completed; crops flourishing; health good; fever declining; prices nearly stationary.
Farukhabad („ „)	. . . .	Prospects fair; prices steady; weather seasonable; sky clear. *General Remarks.*—Slight rain in four districts; rain wanted in Lucknow, Kumaon, and part of the Meerut division; elsewhere prospects good; prices on the whole steady; slight cholera in two districts and small-pox in three; some cattle disease and *mahamari* in Kumaon.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Punjab—(Dec. 5th)		
Delhi	. . . .	Health and harvest prospects good; slight fall in prices.
Hissar	. . . .	Health good; prices stationary; *kharif* harvesting completed.
Umballa	. . . .	Health good; prices stationary; *rabi* sowings completed.
Jullundur	. . . .	Health good; prices steady; sugarcane-pressing in progress.
Amritsar	. . . .	Health good; prices fluctuating; *rabi* sowings nearly completed.
Lahore	. . . .	Fever slightly prevalent; harvest prospects good; prices stationary.
Ferozepore	. . . .	Health good; prices almost stationary; *rabi* sowings in progress; *kharif* being gathered in.
Sialkot	. . . .	Health good; prices stationary; *rabi* sowings completed.
Rawalpindi	. . . .	Seasonal fever prevailing; prices almost stationary; *rabi* sowings in progress; cattle disease in the Murree tahsil.
Peshawar	. . . .	Slight fever; prices falling; *rabi* sowings in progress.
Mooltan	. . . .	Health fair; harvest prospects good; prices fluctuating.
Dera-Ismail-Khan	. . . .	Fever abating, but the mortality continues high; harvest prospects good; prices steady. *General Remarks.*—The health of the province and the prospects of the crops are generally good; there has been no rain during the week.
Central Provinces—		
Nagpur (Dec. 6th)	. . . .	Weather clear; prospects of *rabi* good; public health good; prices slightly fallen.
Jubbulpore („ 5th)	. . . .	Weather clear and cool; health good; prices stationary.
Saugor („ 4th)	·65	Crops flourishing; health good; prices steady.
Seoni („ 5th)	. . . .	Weather clear and cold; *rabi* sowings going on; *kharif* crops suffered from late rains; fever prevalent; prices steady.
Hoshangabad („ „)	. . . .	Weather cool and clear; *rabi* crops doing well; fever prevalent; wheat 15 and rice 9 seers per rupee.
Raipur („ 2nd)	·31	Weather clear; reaping of *kharif* crops almost completed; *rabi* sowings completed; health good; fever abating; prices rising.
Sambalpur (Nov. 30th)	·07	Weather cloudy; prospects of crops good; fever prevalent; rice 56 seers per rupee.
Khandwa (Dec. 5th)	. . . .	Clear nights, mornings cold; *kharif* reaping nearly completed; *rabi* prospects good; small-pox reported; prices steady. *General Remarks.*—Weather clear and cold; slight rain in some districts, and where fallen, has been beneficial to *rabi* crops; *kharif* being harvested in places; fever abating, and health generally good; prices stationary.
British Burma—		
Akyab (Dec. 2nd)	1·48	Total rainfall 209·12 inches; public health in town good; five deaths from cholera in the district; cattle disease in one township; crop prospects good.
Rangoon	·47	Total rainfall 102·02 inches; five deaths from cholera, otherwise public health good; crops progressing.
Bassein	·04	Total rainfall 125·66 inches; two deaths from cholera in town, otherwise public health good; crop prospects generally good; reaping commenced, average outturn expected.
Prome	·15	Total rainfall 50·21 inches; one death from cholera in town, otherwise public health good; crop prospects fair.
Amherst (Moulmein)	*Nil*	Total rainfall 202·90 inches; 29 deaths from cholera reported from the districts; public health in town good; no cattle disease; crops healthy; reaping still going on.
Toungoo	0·76	Total rainfall 91·64 inches; 4 deaths from small-pox in the district; otherwise public health good. *General Remarks.*—A little cholera in several districts, otherwise public health good; crop prospects good everywhere.
Assam—		
Gauhati (Dec. 5th)	*Nil*	Weather seasonable; nights and mornings foggy; reaping of *sali* paddy commenced; public health good.
Sylhet („ 6th)	*Nil*	Reaping of *aman* and *sali* continues; cultivation for winter crops progressing well; cholera spreading in most sub-divisions.
Cachar („ „)	*Nil*	Weather still warm for the season; reaping of *sali* crop progressing; common rice 26¼ seers per rupee; 23 cases of cholera from Sadr and 3 from Haliakandi reported.
Dibrugarh („ „)	No rain	Weather cold; cutting of *sali dhan* commenced; public health good.
Mysore and Coorg—(Dec. 6th)		
Bangalore	·44	Crops in thriving condition.
Mysore	·67	
Mercara	·06	Rice harvest commenced; crop good; coffee-picking proceeding in South Coorg; light showers interfering with curing; crop rather short and a failure on the Sampaji ghât estate from previous want of timely blossom showers; prices of food grains show tendency to fall; fever prevalent in Nanjarajpatna taluk. *General Remarks.*—Rain in Chitaldrug 2·69, in Shimoga 1·72; rain has fallen copiously throughout the Mysore State, and has somewhat injured *ragi* crops which are being harvested; standing crops generally in good condition; prospects fair; public health satisfactory; no material change in prices.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Berar and Hyderabad—(Dec. 6th)		
Amraoti	. . . .	Cotton-picking continued; *juari* being cut; prospects of *rabi* good; prices of wheat 16, *juari* 26 seers per rupee.
Akola	·82	*Rabi* crops thriving, much benefited by recent rain; reaping of *kharif* crops commenced.
Hyderabad	1·0	*Rabi* and *tabi* crops prospering; fever and cattle disease prevail in two talukas; cholera declining at Hyderabad; prices, wheat 16, coarse rice $10\frac{3}{4}$, white *juari* $27\frac{1}{2}$, yellow *juari* 33, and *tur* 25 seers per hali sicca rupee.
Central India States—(Dec. 6th)		
Indore	·59	Health and prospects good.
Morar (Gwalior)	. . . .	Health and prospects good; weather seasonable.
Sutna	·02	Health and prospects good.
Neemuch	Few drops of rain last week.	Sowing *rabi* crops in progress; public health good.
Goona	. . . .	Crops good; health fair; wheat 22 seers per rupee.
Bhopal (Serohi)	·38	Weather cloudy; crops good; public health good.
Agar	. . . .	Health and prospects good.
Nowgong	41·	Health fair; prices stationary.
Manpur	. . . .	Weather clear and cold; yield of *jowari* estimated from 12 to 14 annas in the rupee; *rabi* crops doing well.
Rajputana—		
Abu (Dec. 6th)	. . . .	Clear, cold, seasonable weather; health good.
Sirohi („ 3rd)	. . . .	Tanks, wells, health, and prospects good; weather cloudy.
Marwar („ 1st)	. . . .	One month's water in tanks; wells resorted to; health good; *rabi* crops thriving; weather cloudy for three days, now clear; prices stationary; cold mild.
Meywar („ 2nd)	0·1	Wells, tanks, and health fair; prospects good; weather very cold; sky cloudy; slight shower on 29th.
Harowti („ „)	Deoli ·06 Touk *nil.*	Prospects favourable; health good; weather partially cloudy.
Jhallawar (Nov. 29th)	. . . .	Weather seasonable; health and prospects good.
Ajmere (Dec. 5th)	. . . .	Fever prevalent; health good.
Jeypore („ „)	. . . .	Prices steady; prospects favourable; health good.
Ulwar („ „)	. . . .	*Rabi* sowings coming up; prospects and health good.
Nepal—		
Khatmandú (Nov. 30th)	Drops of rain during week.	Prospects good; rain threatening for the last two days.

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GOVERNMENT OF INDIA.

REVENUE AND AGRICULTURAL DEPARTMENT.

ABSTRACT SHOWING THE RESULT OF EMIGRATION FROM THE PORT OF CALCUTTA DURING THE MONTH OF AUGUST 1882.

No. 1.—As to age and sex.

	Demerara.				Trinidad.				Total.			
	Males.	Females.	Total	Proportion of women to men.	Males.	Females.	Total.	Proportion of women to men.	Males.	Females.	Grand Total.	Remarks.
Under 2 years	9	17	26	40·62 women to every 100 men.	8	2	10	40·40 women to every 100 men.	17	19	36	
From 2 to 10 years	51	35	86		20	13	33		71	48	119	
„ 10 to 20 „	203	57	260		75	34	109		278	91	369	
„ 20 to 30 „	439	205	644		181	82	263		620	287	907	
„ 30 to 40 „	51	15	66		11	3	14		62	18	80	
„ 40 to 50 „	10	9	19		1	...	1		11	9	20	
Above 50 „	1	...	1		...	...	...		1	...	1	
Grand Total	764	338	1102		296	134	430		1,060	472	1,532	

No. 2.—As to places whence emigrants came to Calcutta for embarkation.

Orissa	2	...	2	...	...	...	...	...	2	...	2
Western Bengal	7	14	21	...	1	2	3	...	8	16	24
Central ditto	2	1	3	...	1	...	1	...	3	1	4
Eastern ditto	6	3	9	...	...	...	...	...	6	3	9
Behar	168	110	278	...	13	4	17	...	181	114	295
N.-W. Provinces	373	151	524	...	153	73	226	...	526	224	750
Oudh	125	41	166	...	103	51	154	...	228	92	320
Central India	11	9	20	...	7	3	10	...	18	12	30
Punjab	49	6	55	...	12	1	13	...	61	7	68
Nepal	15	2	17	..	2	...	2	...	17	2	19
Mixed, Madras and Bombay, &c.	6	1	7	...	4	...	4	...	10	1	11
Grand Total	764	338	1102	...	296	134	430	...	1,060	472	1,532

No. 3.—As to caste and religion.

Brahmins, high caste	180	79	259	...	55	19	74	...	235	98	333
Hindus: Agriculturists	220	87	307	...	89	40	129	...	309	127	436
Hindus: Artisans	31	11	42	...	12	1	13	...	43	12	55
Hindus: Low castes	194	78	272	...	95	42	137	...	289	120	409
Musulmans	139	83	222	...	43	30	73	...	182	113	295
Christians	...	...	...	...	2	2	4	...	2	2	4
Grand Total	764	338	1102	...	296	134	430	...	1,060	472	1,532

MEMO.	M.	F.	Total.
1. Hindoos	876	357	1,233
2. Musulmans	182	113	295
3. Christians	2	2	4
Total	1,060	472	1,532

E. C. BUCK,
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GOVERNMENT

DEPARTMENT OF FIN

OF INDIA.

ANCE AND COMMERCE.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT INDIA FOR THE 1st HALF OF NOVEMBER 1882.

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

Provinces.	Districts.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholum, Jowar), *Holcus Sorghum*. Present fortnight.	Great Millet (Cholum, Jowar), *Holcus Sorghum*. Past fortnight.	Great Millet (Cholum, Jowar), *Holcus Sorghum*. Corresponding fortnight of 1881.	Bairam Millet (Cumboo, Bajra), *Penicillaria Spicata*. Present fortnight.	Bairam Millet (Cumboo, Bajra), *Penicillaria Spicata*. Past fortnight.	Bairam Millet (Cumboo, Bajra), *Penicillaria Spicata*. Corresponding fortnight of 1881.	Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Coraloo, Murnwa, Nurlee), *Panicum Miliaceum*, &c. Present fortnight.	Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Coraloo, Murnwa, Nurlee), *Panicum Miliaceum*, &c. Past fortnight.	Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Coraloo, Murnwa, Nurlee), *Panicum Miliaceum*, &c. Corresponding fortnight of 1881.	Gram. Present fortnight.	Gram. Past fortnight.	Gram. Corresponding fortnight of 1881.	Firewood. Present fortnight.	Firewood. Past fortnight.	Firewood. Corresponding fortnight of 1881.	Salt. Wholesale. Present fortnight.	Salt. Wholesale. Past fortnight.	Salt. Wholesale. Corresponding fortnight of 1881.	Salt. Retail. Present fortnight.	Salt. Retail. Past fortnight.	Salt. Retail. Corresponding fortnight of 1881.	Districts.	Provinces.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.		
Madras.	Ganjam	8 13	8 13	13 0	...	...	...	17 13	17 13	19 6	19 8	19 8	20 11	...	...	...	...	...	...	...	...	...	15 8	15 8	11 5	Ganjam	Madras.
	Vizagapatam	10 0	10 0	13 11	...	...	...	9 0	9 0	8 6	13 5	11 5	10 3	21 10	21 10	21 10	22 13	31 11	19 13	35 3	35 3	38 2	26 10	26 10	26 10	215 13	215 13	215 13	...	...	...	14 0	14 0	10 8	Vizagapatam	
	Godavery	12 10	12 10	11 11	...	...	...	13 14	13 14	12 14	18 0	18 0	15 0	30 11	28 13	26 14	...	...	...	28 3	25 3	20 3	32 2	32 2	30 6	161 13	194 6	194 6	14 10	14 10	12 8	14 10	14 10	12 8	Godavery	
	Kistna	13 11	13 11	12 3	...	...	...	15 11	15 11	16 11	16 5	16 5	17 6	25 0	25 11	21 13	...	...	...	32 13	32 13	32 13	24 3	23 2	30 6	161 13	194 6	194 6	14 10	14 10	12 8	14 10	14 10	12 8	Kistna	
	Nellore	12 10	12 10	12 10	...	...	...	15 13	15 13	13 14	17 0	17 0	15 0	28 13	28 13	26 14	26 2	24 6	26 2	29 6	29 6	30 14	27 8	26 11	34 6	194 6	194 6	194 6	17 8	17 8	14 6	16 10	16 10	13 14	Nellore	
	Cuddapah	15 6	15 6	14 11	...	...	...	12 6	12 6	12 6	14 2	13 11	12 14	31 10	31 10	26 14	33 5	33 5	31 14	31 8	31 8	33 0	27 8	26 11	34 6	...	...	...	14 5	14 5	11 14	14 5	13 2	11 14	Cuddapah	
	Anantapur	12 8	12 8	11 8	...	...	...	12 13	11 13	13 14	14 0	13 0	15 2	33 0	30 14	34 0	23 8	17 14	18 13	29 2	33 14	32 0	30 3	32 8	30 3	59 3	...	...	...	14 5	14 5	11 14	14 5	13 2	11 14	Anantapur	
	Bellary	12 6	12 6	12 6	...	...	...	12 5	12 5	11 3	13 8	13 8	12 6	37 2	37 2	35 0	30 2	30 2	28 3	31 0	32 8	30 3	32 8	30 3	33 0	85 0	82 10	97 3	16 6	16 6	13 6	16 2	16 2	13 2	Bellary	
	Kurnool	12 11	12 11	11 6	...	...	...	10 5	10 5	10 10	11 6	11 6	11 6	37 0	35 10	32 14	25 0	22 8	26 3	28 6	...	26 11	25 5	25 0	28 8	87 8	87 8	81 6	16 11	16 11	14 6	16 3	16 3	13 6	Kurnool	
	Madras	11 2	10 13	10 2	...	...	...	12 3	12 14	13 2	13 0	14 5	14 5	23 0	23 0	23 0	25 0	25 0	25 11	28 6	27 6	26 11	25 0	27 11	34 6	92 5	92 5	77 13	17 5	17 5	14 5	17 0	17 0	13 14	Madras	
	Chingleput	...	...	...	...	...	...	12 0	13 8	14 13	12 13	14 5	15 10	...	...	...	...	...	...	32 8	33 5	34 3	26 10	25 10	33 8	140 0	140 0	140 0	14 13	15 6	12 11	14 5	14 13	12 5	Chingleput	
	North Arcot	10 3	9 11	11 2	...	...	...	14 0	14 0	15 14	16 0	15 6	16 14	30 14	29 14	26 6	26 6	26 6	31 5	35 0	35 0	29 6	29 5	29 5	26 8	201 11	201 11	201 11	18 14	18 14	15 5	18 6	18 6	14 13	North Arcot	
	South Arcot	8 10	8 10	10 2	...	...	...	16 2	15 11	13 14	17 8	17 8	14 14	30 3	30 3	... 35	6	35	6	30 0	39 5	42 5	34 11	28 0	28 14	194 6	194 6	194 6	16 10	16 2	13 5	16 2	15 10	13 5	South Arcot	
	Tanjore	9 8	9 14	10 5	...	...	...	19 3	16 3	13 5	20 6	20 14	19 3	38 3	36 10	33 6	40 10	40 10	36 3	33 11	34 2	31 6	30 13	30 13	32 5	97 3	97 3	97 3	17 13	17 13	13 13	17 0	17 0	13 0	Tanjore	
	Trichinopoly	9 3	9 10	9 14	...	...	...	14 0	14 6	13 0	15 3	14 14	14 8	...	28 0	28 0	31 11	29 3	30 8	36 6	36 1	31 0	32 8	31 2	32 0	121 8	121 8	126 6	17 13	17 13	15 0	16 13	16 13	14 8	Trichinopoly	
	Madura	9 6	11 11	11 11	...	...	...	13 14	14 11	13 0	16 0	15 10	13 14	35 10	35 10	32 6	33 13	32 5	32 5	...	...	...	27 3	28 8	27 13	70 0	70 0	81 10	18 5	18 5	15 3	17 13	17 13	14 13	Madura	
	Tinnevelly	9 3	8 0	9 3	...	...	...	15 8	15 14	11 2	19 3	19 3	14 0	...	...	...	...	...	...	29 8	29 8	29 8	28 8	28 8	28 8	131 3	131 3	131 3	14 11	14 11	13 3	14 10	14 10	12 11	Tinnevelly	
	Coimbatore	11 8	11 8	11 8	...	...	...	13 0	13 8	13 0	14 14	14 14	14 14	26 2	27 0	31 5	31 13	33 6	35 0	21 10	20 14	19 14	19 14	24 14	161 13	161 13	121 8	13 0	13 5	9 3	12 0	12 0	9 3	Coimbatore	
	Nilgiris	9 3	9 3	10 10	...	...	...	9 10	10 6	9 10	11 3	11 3	12 13	23 2	23 2	21 10	21 0	21 0	20 5	30 13	29 2	31 5	33 8	33 8	34 8	151 10	151 10	151 10	16 6	17 0	13 14	15 6	16 0	12 14	Nilgiris	
	Salem	10 11	11 0	11 0	...	...	...	13 2	14 0	13 2	14 2	15 0	15 0	27 5	28 3	32 6	29 8	26 8	30 5	19 6	18 5	21 2	22 3	17 11	20 3	116 10	116 6	109 5	15 8	15 13	13 2	14 13	14 13	12 2	Salem	
	South Canara	8 10	8 3	8 10	...	...	...	9 11	8 11	9 11	10 5	9 13	13 8	...	...	...	...	...	...	21 6	19 11	23 6	26 14	25 3	28 10	121 8	121 8	121 8	15 5	15 5	10 13	14 6	14 6	9 14	South Canara	
	Malabar	10 0	9 6	11 8	...	...	...	14 10	14 10	15 6	15 0	15 0	16 3	...	...	...	...	...	...																Malabar	
Bombay.	Bombay	10 0	10 0	10 9	17 7	18 0	20 13	8 9	8 9	8 7	13 15	14 6	11 12	18 11	20 0	24 8	18 9	16 13	19 8	19 12	16 6	16 6	17 5	18 15	62 6	62 6	61 7	14 6	14 6	12 9	12 9	12 9	12 9	Bombay	Bombay.
	Ahmedabad	14 8	14 0	15 8	20 0	...	23 8	8 8	8 8	8 6	13 0	9 0	10 8	19 0	19 0	23 0	17 0	19 0	20 0	...	...	...	19 8	19 8	23 0	80 0	80 0	80 0	16 8	16 8	13 4	16 0	16 0	12 13	Ahmedabad	
	Kaira	11 7	13 5	13 14	22 14	24 9	10 0	10 0	10 0	9 2	15 4	16 0	14 9	20 0	20 0	22 13	15 4	16 13	16 13	...	...	...	20 0	20 0	17 12	80 0	80 0	80 0	...	...	...	15 4	16 0	12 13	Kaira	
	Surat	12 8	12 8	13 1	12 6	7 11	12 4	8 3	8 3	8 3	6 13	8 12	8 12	8 5	15 9	15 9	18 13	14 14	14 18	...	...	...	16 0	16 0	17 4	80 0	80 0	80 0	13 9	13 9	10 11	13 9	13 9	10 11	Surat	
	Broach	12 9	12 9	15 3¼	...	...	...	11 1	11 1	11 1	8 14	13 5	13 5	12 4½	16 13	16 13	20 0	15 4	15 4	...	...	...	17 13¾	17 13¾	18 13	106 0	106 0	106 0	13 5½	13 5½	12 12½	13 5½	13 5½	12 12½	Broach	
	Tanna (Salsette)	9 12	9 12	10 5	...	...	...	9 0	9 0	8 2	11 4	11 4	11 4	18 10	18 10	18 10	15 0	15 0	18 0	25 11	25 11	25 11	14 0	14 0	14 8	120 0	120 0	120 0	13 0	13 0	12 0	12 0	12 0	11 8	Tanna (Salsette)	
	Colába (Alibág)	9 0	9 0	10 0	...	...	...	7 8	7 8	10 8	15 0	15 0	14 0	...	...	...	...	...	...	...	...	...	17 0	14 6	26 15	140 0	140 0	140 0	15 0	14 2	12 10	14 12	14 12	12 8	Colába (Alibág)	
	Khandesh (Dhulia)	14 2	14 2	16 5	...	...	...	7 4	7 4	7 4	10 15	10 15	10 15	20 0	18 11	34 0	16 3	16 3	25 8	30 14	27 9	27 8	16 15	16 8	23 0	128 0	128 0	114 0	14 8	14 8	11 12	14 4	14 4	11 10	Khandesh (Dhulia)	
	Násik	11 6	14 4	14 5	...	...	...	7 7	7 7	7 7	12 0	12 0	11 12	22 6	...	28 0	17 0	18 0	22 8	...	...	...	19 3	17 5	26 6	91 5	91 5	106 6	14 10½	14 11	11 8½	14 9	14 9	11 4	Násik	
	Ahmednagar	13 4	13 4	14 0	...	...	...	14 4	14 4	8 9	11 5	11 10	10 8½	27 10	28 0	30 12	22 4	21 12	13 10	...	...	...	14 15	14 15	20 11	68 0	68 0	68 0	12 8	12 8	11 6	12 4	12 4	11 2	Ahmednagar	
	Poona	12 10	12 10	12 1	...	...	...	11 0	11 0	8 9	12 4	12 4	11 0	26 2	26 2	32 10	9 9	20 11	23 0	...	...	...	15 1	18 5	23 12	80 0	80 0	98 0	13 8	13 8	12 0	12 8	12 8	11 12	Poona	
	Sholápur	13 0	12 11	13 2	...	...	...	10 15	11 1	10 15	12 4	12 4	12 4	32 12	34 8	38 6	27 9	28 8	33 1	...	...	...	12 8	12 0	14 8	130 0	130 0	112 0	12 0	12 0	10 8	11 12	11 12	9 8	Sholápur	
	Kaládgi (Bagalkot)	22 0	23 0	17 0	14 12	15 0	12 0	6 12	6 12	6 8	8 9	12 9	9 0	8 8	35 8	30 0	25 0	31 12	35 0	...	...	...	13 10	13 10	15 9	116 8	116 8	137 1	12 6	12 6	11 14	11 10	11 10	11 4	Kaládgi (Bagalkot)	
	Satara	10 11	12 1	12 1	...	...	...	8 3	8 3	8 14	10 0	10 0	10 0	22 10	25 9	29 4	19 6	21 11	27 8	...	...	...	14 15	14 15	20 11	68 0	68 0	68 0	12 8	12 8	11 6	12 4	12 4	11 2	Satara	
	Belgaum	18 3	19 0	14 8	14 0	14 0	11 0	10 6	10 0	11 0	11 6	10 8	11 8	30 0	30 0	24 0	27 0	27 0	21 0	29 0	29 0	29 0	11 0	10 0	13 0	80 0	80 0	80 0	9 13	9 13	8 0	9 0	9 0	8 0	Belgaum	
	Dharwar (Hubli)	23 0	23 0	21 0	...	...	...	12 0	13 0	10 0	14 0	16 0	11 0	28 0	32 0	28 0	27 0	24 0	21 0	35 0	35 0	35 0	15 6	15 6	16 13	150 0	120 0	105 0	14 4	12 8	9 1	14 4	12 5	9 1	Dharwar (Hubli)	
	Ratnagiri	11 14	11 14	10 9	...	...	...	8 9	8 9	10 0	15 9	15 9	15 9	20 3	18 3	20 13	14 11	14 11	17 2	21 2	21 2	21 2	13 0	13 0	13 0	218 5	218 5	218 5	18 5	18 5	...	12 0	12 0	10 0	Ratnagiri	
	Kanara (Karwar)	10 8	10 8	9 0	...	...	...	8 0	8 0	7 0	12 0	11 0	12 10	18 0	16 0	18 0	...	...	...	20 0	16 0	22 0	32 0	32 0	32 0	200 0	200 0	200 0	16 0	16 0	...	12 0	12 0	10 0	Kanara (Karwar)	
	Panch Mahals (Godhra)	11 6	11 6	11 6	...	...	...	11 6	11 6	11 6	15 0	15 0	15 0	32 0	35 5	35 5	16 0	16 0	24 0	28 0	28 0	32 0	9 5	9 5	9 5	65 5	65 5	65 5	...	...	...	15 4	15 4	11 6	Panch Mahals (Godhra)	
	Aden	8 0	8 0	8 0	...	...	...	7 0	7 0	6 3	8 0	8 0	7 0	11 3	11 3	11 3	9 5	9 5	9 5	...	...	...	15 0	15 2	27 1	160 0	160 0	160 0	11 12	11 7	10 0	11 12	11 7	10 0	Aden	
	Asirgarh	14 3	14 2	15 7	...	...	...	10 4	10 4	10 0	11 4	11 5	12 0	26 4	26 4	42 2	22 0	22 0	22 0	...	...	...	16 8	16 8	18 9	80 0	80 0	75 0	14 13	14 13	12 5	14 12	14 12	12 0	Asirgarh	
	Baroda	10 0	10 8	10 9	14 12	15 5	14 5	10 0	9 6	8 0	11 13	12 6	11 7	18 13	...	18 14	15 15	15 15	17 7	...	...	...	19 0	19 6	15 0	137 8	137 8	137 8	12 8	12 8	10 8	12 0	12 0	10 0	Baroda	
	Disa	15 0	15 8	16 0	...	...	...	7 6	6 6	6 6	8 14	8 11	8 6	14 8	17 8	20 0	18 4	19 0	17 1	...	...	...	21 8	20 0	22 0	160 0	160 0	140 0	...	...	...	13 0	12 0	10 0	Disa	
	Nimach	16 0	16 0	19 0	15 0	18 0	23 0	8 0	9 8	8 0	10 0	11 0	9 0	23 0	23 0	27 0	18 0	18 0	22 0	...	...	...	26 8	25 9	24 3½	70 0	70 0	60 0	16 6¾	16 6¾	...	16 0	16 0	12 8	Nimach	
	Nasirabad	17 8	17 4	17 8	25 0	25 2½	25 0	6 0	6 0	6 0	7 0	7 0	7 0	24 0	24 0	29 0	17 0	17 0	19 4	...	...	...	18 2	17 4¼	25 0	80 0	75 0	70 0	*55 0	*55 0	*45 0	48 0	48 0	...	Nasirabad	
	Rájkot	15 9	15 5	17 0	...	...	...	6 8	6 8	5 8	11 8	11 4	10 8	19 0	18 10	27 0	16 11	16 5	23 0	...	...	...	20 8	17 4	16 6½	160 0	160 0	160 0	§12 10½	§12 15½	§10 5	12 8§	12 12§	10 5§	Rájkot	
	Upper Sindh Frontier	14 4	14 0	13 0	24 4	24 0	16 0	11 4	11 4	9 4	20 0	20 0	13 0	40 0	40 0	40 0	26 0	26 0	24 0	11 0	11 0	9 8	18 0	18 0	20 0	105 0	105 0	103 0	17 13	17 13	14 3	17 0	17 0	14 0	Upper Sindh Frontier	
	Karachi	12 10	12 10	16 14	21 0	20 0	18 0	9 8	9 8	10 0	16 0	16 8	19 0	24 0	24 0	24 0	18 0	18 0	21 0	17 0	17 0	17 0	10 0	10 0	13 0	320 0	320 0	320 0	14 0	14 0	12 0	14 0	14 0	12 0	Karachi	
	Haidarabad (Nakur)	16 0	16 0	12 0	26 0	26 0	20 0	13 0	13 0	12 0	17 0	17 0	16 0	30 0	35 0	28 0	25 0	26 0	28 0	24 0	24 0	24 0	19 12	19 5	16 11	240 0	230 0	220 0	13 4	13 10	11 2	13 0	13 5	11 0	Haidarabad (Nakur)	
	Shikarpur	12 11½	13 2½	12 10½	23 8	24 14	19 8	12 0	13 0	11 12	20 0	19 5	20 8	22 0	29 2	22 5½	27 0	27 4	33 0	21 8	19 8	17 0	16 0	14 0	12 0	160 0	140 0	120 0	13 0	13 0	11 0	12 8	12 8	11 0	Shikarpur	
	Sukkur	14 8	14 8	12 8	28 8	28 8	17 0	12 0	12 0	10 0	19 8	19 8	14 0	32 8	32 8	28 0	24 8	23 8	28 4	...	...	...	...	...	...	160 0	160 0	160 0	11 5	11 5	9 10	11 5	11 5	9 10	Sukkur	
	Thar and Parkar (Umarkot)	16 0	16 13	15 0	...	...	...	...	...	...	13 2	13 0	14 11	...	...	...	22 11	22 12	24 14										Prices per md. of 40 seers.						Thar and Parkar (Umarkot)	
																													R a. p.	*R a. p.*	*R a. p.*					
Western Districts.																																			*Western Districts.*	
Burdwan		13 8	13 4	13 12	37 0	40 0	30 8	23 4	21 0	27 12	24 12	22 0	28 8	...	...	...	...	...	...	19 8	20 0	23 0	120 0	120 0	100 0	2 15 0	2 15 0	...	13 8	13 8	10 0	Burdwan	
Bancoorah		13 12b	14 8	14 8	15 0	17 0	16 0	22 0	22 0	23 12	27 8	27 0	35 8	...	...	...	...	...	...	18 8	18 0	20 8	240 0	...	320 0	3 0 0	3 1 0	...	13 0	13 0	9 0	Bancoorah	
Beerbhoom		13 4c	13 4	14 0	...	...	...	16 8	17 0	19 8	22 8	21 0	27 0	...	...	...	...	...	...	19 8	19 8	21 0	200 0	200 0	180 0	3 2 5	3 1 0	...	12 0	12 0	9 0	Beerbhoom	
Midnapore		12 0d	12 0	14 8	16 0	...	...	20 0	21 0	20 0	27 0	27 0	28 0	...	...	...	...	...	...	17 0	17 0	19 0	155 0	155 0	160 0	2 14 0	2 14 0	...	13 8	13 8	10 0	Midnapore	
Hooghly		15 0e	16 0	14 0	...	...	...	10 0	10 0	10 0	20 0	20 0	20 0	...	...	...	...	...	...	20 0	20 0	22 0	120 0	120 0	120 0	2 14 0	2 14 0	3 12 0	13 9	13 9	9 0	Hooghly	
Howrah		13 0	13 0	15 8	...	...	...	15 0	15 0	16 0	17 12	17 8	21 0	...	...	...	...	...	...	19 8	19 0	22 0	80 0	80 0	80 0	2 13 0	2 13 0	3 14 0	13 0	13 0	10 8	Howrah	

* Common wholesale. † Common retail sale. ‡ In common use.

a In the sub-divisions retail prices of salt are as follow :—Culna 15 seers, Cutwa 13 seers, and Banegunge 14 seers.
b In the interior retail prices of salt are as follow :—In thana Raipore 13 seers, in thanas Ouda, Indas, and Kotulpore 16 seers, in thanas Mejia, Bishenpore, and Sona mukhy 13 seers.
c In the interior retail prices of salt rang e from 12 to 16 seers per rupee.
d In the sub-divisions retail prices of salt are as follow :—Contai 11-8 seers and Ghattal 15 seers.
e In the sub-divisions retail prices of salt are as follow :—Serampore 13 seers and Jehanabad 13-8 seers.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT INDIA FOR THE 1st HALF OF NOVEMBER 1882—*continued.*

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

PROVINCES.	DISTRICTS.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholum, Jowar), *Holcus Sorghum.* Present fortnight.	Great Millet. Past fortnight.	Great Millet. Corresponding fortnight of 1881.	Bulrush Millet (Cumboo, Baira), *Penicillaria Spicata.* Present fortnight.	Bulrush Millet. Past fortnight.	Bulrush Millet. Corresponding fortnight of 1881.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
	Central Districts.																		
Bengal.	Calcutta	13 11	13 11	14 0	23 12	20 0	23 0	10 0	10 0	8 0	17 12	20 0	16 0	...	...	...	...	...	...
	24-Pergunnahs	13 5 *e1*	13 5	12 12	16 0	21 4	26 0	8 0	10 0	8 0	18 0	16 0	17 0	...	...	...	...	...	...
	Nuddea	14 8 *f*	13 5½	16 0	...	24 10	40 0	15 8	15 4	14 8	19 0	20 0	20 0	...	...	...	...	...	...
	Khoolna	...*g*	...	...	...	...	...	16 0	16 0	...	24 0	22 0	...	...	...	...	...	...	...
	Jessore	10 0*h*	10 0	14 0	...	...	...	16 0	16 0	20 0	22 8	22 12	29 0	...	...	...	...	...	...
	Moorshedabad	16 0*i*	16 0	16 0	...	32 0	...	14 4	15 0	16 0	21 0	22 0	25 0	...	...	...	...	...	...
	Dinagepore	13 12*j*	14 4	14 6	13 5	14 8	20 0	20 0	18 0	21 10	27 8	25 8	29 6	...	...	...	...	...	...
	Rajshahye	15 0*k*	14 4	15 0 to 16 8	26 4	32 0	48 12	15 0 to 18 0	13 8 to 15 0	13 8	19 11 to 21 0	18 12 to 21 0	30 0	...	...	...	...	...	...
	Rungpore	20 0*l*	16 0	15 0	...	...	...	13 5	14 0	15 0	22 12	20 0	22 8	...	...	...	...	...	...
	Bogra	12 0	15 0	21 12	...	...	...	15 12	15 12	18 12	28 2	26 4	30 0	...	...	...	...	...	...
	Pubna	17 4*m*	18 0	19 0	...	...	...	9 8	9 8	12 0	22 8	22 8	25 8	...	...	...	...	...	...
	Darjeeling	8 0*n*	8 0	8 0	8 0	8 0	8 0	5 0	5 0	5 0	12 0	12 0	15 0	...	...	...	...	...	...
	Jalpáiguri	10 0*o*	10 0	9 0	20 0	20 0	...	14 0	14 0	12 4	20 0	20 0	18 0	...	...	...	...	...	...
	Eastern Districts.																		
	Dacca	13 5*p*	14 5	13 5	40 0	40 0	40 0	22 10	22 10	22 10	25 0	25 0	27 0	...	...	...	...	...	...
	Furreedpore	19 0*q*	20 0	21 0	37 0	37 8	32 0	17 8	20 0	8 0	21 8	21 4	25 0	...	...	...	...	...	...
	Backergunge	...*r*	...	...	...	...	...	16 0	17 0	20 0	25 0	21 0	28 0	...	...	...	...	...	...
	Mymensingh	12 4*s*	13 0	13 8	...	...	...	20 0	26 8	20 0	26 0	27 8	26 0	...	...	...	...	...	...
	Tipperah	12 0*t*	11 8	12 8	...	...	...	18 0	17 8	24 12	28 0	27 4	36 8	...	...	...	...	...	...
	Chittagong	9 0*u*	9 0	11 0	...	...	...	14 0	14 0	16 0	22 8	22 8	25 0	...	...	...	...	...	...
	Noakholly	...*u1*	...	...	...	...	...	22 0	22 0	21 0	26 0	26 0	27 0	...	...	...	...	...	...
	Chittagong Hill Tracts	...	...	...	...	...	...	13 5	13 5	16 0	16 0	16 0	17 12	...	...	...	...	...	...
	Hill Tipperah	10 0	10 0	10 0	...	...	...	20 0	20 0	19 0	28 0	30 0	30 0	...	...	...	...	...	...
	Behar.																		
	Patna	22 0	22 0	21 0	28 0	28 0	40 0	14 0	14 0	14 0	22 8	22 8	22 0	...	...	...	...	...	...
	Gya	16 0	18 8	20 8	24 8	23 8	37 0	12 8	12 0	13 12	20 8	20 0	23 0	...	...	...	...	...	...
	Shahabad	16 0*v* to 17 0	16 0 to 18 0	16 0 to 18 0	27 0	26 0	37 0	18 0	17 8 to 18 0	20 0 to 21 0	19 0	18 0 to 19 0	22 0	...	...	...	...	...	...
	Durbhunga	15 0*w*	15 0	14 0	35 0	28 0	40 0	12 0	14 0	15 8	17 0	17 0	19 0	...	...	...	...	...	...
	Mozufferpore	17 0*x*	18 0	17 0	30 0	30 0	35 0	12 0	12 0	12 0	16 0	16 0	19 0	...	...	...	...	...	...
	Sarun	16 0	16 0	17	32 0	30 0	42 0	10 0	10 0	10 0	20 0	22 0	22 0	...	...	...	...	...	...
	Chumparun	No return received			...	...	...	...	...	...	...	...	...	36 0	38 0	41 0	...	...	...
	Monghyr	17 14*y*	16 13	17 13	33 9	31 8	42 0	16 13	14 11	14 11	18 14	16 12	17 13	...	...	...	...	...	...
	Bhágalpur	15 12*z*	13 14	15 2	32 13	27 12	37 13	18 15	18 15	17 10	22 11	21 7	20 3	...	...	...	...	...	...
	Purneah	15 0*z1*	14 0	16 0	...	...	...	16 0	18 0	20 0	18 0	20 0	25 0	...	...	...	...	...	...
	Maldah	16 0	17 0	15 0	...	...	...	16 0	16 0	16 0	20 0	20 0	27 0	...	...	...	...	...	...
	Sonthal Pergunnahs	14 0*z2*	13 0	13 4	...	...	...	16 0	16 8	23 0	23 0	25 0	25 0	...	...	...	...	...	...
	Orissa.																		
	Cuttack	13 2	15 12	15 12	...	..	...	15 12	15 12	15 12	26 4	26 4	23 10	...	...	...	...	..	...
	Pooree	12 8*z3*	12 8	12 8	...	...	...	22 8	22 8	20 0	27 8	27 8	25 0	...	...	...	...	...	...
	Balasore	14 0*z4*	14 0	11 0	...	...	...	16 0	16 0	22 0	28 0	28 0	26 0	...	..	..	...	...	...
	CHOTA NAGPORE.																		
	South-Western Frontier Agency.																		
	Hazáribágh	14 0*z5*	14 0	17 0	16 0	...	36 0	11 0	11 0	14 0	20 0	19 0	25 0	...	...	...	...	...	...
	Lohardugga	14 0	16 0	16 0	18 0	20 0	24 0	22 0	22 0	20 0	28 0	25 0	24 0	...	...	...	...	..	...
	Singbhoom	20 0	20 0	24 0	28 0	28 0	40 0	36 0	36 0	32 0	44 0	48 0	36 0	...	...	...	...	...	...
	Manbhoom	13 0*z6*	13 0	14 0	...	...	...	17 0	17 0	18 0	30 0	30 0	35 0	...	...	...	...	...	...

PROVINCES.	DISTRICTS.	Lesser Millets, Ragi, &c. (Kavaru, Verago, Sawee, Cheena, Coraloo, Murhwa, Nagiee), *Panicum Miliaceum, &c.* Present fortnight.	Lesser Millets. Past fortnight.	Lesser Millets. Corresponding fortnight of 1881.	Gram. Present fortnight.	Gram. Past fortnight.	Gram. Corresponding fortnight of 1881.	Firewood. Present fortnight.	Firewood. Past fortnight.	Firewood. Corresponding fortnight of 1881.	Salt. Wholesale prices per maund of 40 seers. Present fortnight.	Salt. Wholesale. Past fortnight.	Salt. Wholesale. Corresponding fortnight of 1881.	Salt. Retail. Present fortnight.	Salt. Retail. Past fortnight.	Salt. Retail. Corresponding fortnight of 1881.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	R a. p.	R a. p.	R a. p.	S. Ch.	S. Ch.	S. Ch.
	Central Districts.															
Bengal.	Calcutta	...	...	...	21 5	21 5	24 8	90 0	90 0	90 0	2 10 0	2 10 0	...	14 9	14 9	10 0
	24-Pergunnahs	...	...	...	18 12	17 8	21 0	100 0	100 0	90 0	3 0 0	3 0 0	...	13 5	13 5	10 0
	Nuddea	...	...	...	18 12	18 12	26 0	...	...	...	3 0 0	3 0 0	...	12 13½	11 10½	10 0
	Khoolna	...	...	...	12 0	12 0	...	160 0	160 0	...	3 2 0	3 2 0	4 0 0	11 0	11 0	...
	Jessore	...	...	...	16 0	16 0	19 0	120 0	120 0	110 0	3 0 0	3 0 0	4 4 0	11 8	11 8	8 0
	Moorshedabad	...	...	...	22 0	22 0	33 8	120 0	120 0	120 0	3 0 0	3 0 0	...	12 0	12 0	9 0 to 10 0
	Dinagepore	...	...	...	14 0	14 8	16 0	160 0	160 0	180 0	3 4 0	3 4 0	...	12 0	12 0	8 12
	Rajshahye	...	...	...	21 9	21 0	20 0 to 26 4	240 0	240 0	240 0	3 2 0	3 2 0	...	12 12	12 12	9 9
	Rungpore	...	...	...	14 0	15 0	12 0	130 0	130 0	120 0	3 0 0	3 5 3	...	13 5	11 8	8 12
	Bogra	...	...	...	12 0	15 0	17 1	67 8	67 8	67 8	3 4 0	3 2 8	...	12 0	12 0	8 10
	Pubna	...	...	...	18 4	18 0	18 12	200 0	200 0	200 0	3 0 0	3 0 0	4 1 0	...	12 0	9 12
	Darjeeling	...	...	...	8 0	8 0	8 0	160 0	160 0	160 0	4 8 0	4 8 0	8 0 0	8 0	8 0	5 0
	Jalpáiguri	9 0	8 0	9 0	16 0	16 0	13 5	128 0	128 0	80 0	3 4 0	3 4 0	...	11 0	11 0	9 0
	Eastern Districts.															
	Dacca	...	...	...	17 10	17 10	26 8	101 0	101 0	100 0	2 15 0	2 14 0	...	13 5	13 5	10 0
	Furreedpore	...	...	...	16 0	12 0	16 0	120 0	120 0	...	3 2 0	3 2 0	...	12 0	12 0	9 8
	Backergunge	...	...	...	18 0	17 0	22 0	100 0	120 0	100 0	3 0 0	3 1 0	...	13 0	11 0	9 4
	Mymensingh	...	...	...	17 8	17 0	20 0	...	...	...	3 2 0	3 2 0	...	12 12	13 0	9 4
	Tipperah	...	...	...	16 0	16 0	19 0	...	...	...	3 2 0	3 2 0	...	12 0	12 8	9 12
	Chittagong	...	...	...	16 0	16 0	13 0	120 0	120 0	80 0	2 14 0	2 14 0	...	13 0	13 0	11 0
	Noakholly	...	...	...	16 0	16 0	16 0	...	...	...	3 2 0	3 2 0	...	10 0	10 0	8 0
	Chittagong Hill Tracts	...	...	...	...	...	...	320 0	320 0	320 0	4 8 0	4 0 0	...	8 0	9 0	8 0
	Hill Tipperah	...	...	...	14 0	14 0	10 0	...	...	...	3 4 0	3 4 0	...	11 0	11 0	8 0
	Behar.															
	Patna	...	...	...	27 0	27 0	40 0	130 0	130 0	130 0	3 0 0	3 0 0	...	10 8	10 8	...
	Gya	...	...	...	23 0	23 8	34 0	180 0	180 0	160 0	3 2 0	3 2 0	...	12 0	12 0	9 0
	Shahabad	...	...	...	29 0 to 30 0	28 0 to 29 0	31 0 to 32 0	120 0	120 0	120 0	3 1 0	3 1 0	...	12 8	12 8	10 0
	Durbhunga	30 0	27 8	...	21 0	21 0	30 0	160 0	160 0	160 0	3 10 0	3 10 0	...	11 0	11 0	8 8
	Mozufferpore	45 0	41 0	40 0	21 0	24 0	30 0	140 0	140 0	140 0	3 4 0	3 4 0	...	12 0	12 0	9 0
	Sarun	...	...	...	21 0	24 0	30 0	140 0	140 0	140 0	3 4 0	3 4 0	...	12 0	12 0	9 0
	Chumparun	32 0	32 0	34 0	28 0	28 0	30 0	160 0	160 0	160 0	3 2 0	3 2 0	...	No return received		
	Monghyr	...	...	...	27 13	27 13	33 9	126 0	105 0	126 0	3 15 0	3 1 0	...	13 9	12 9	8 6
	Bhágalpur	...	...	...	27 12	26 8	32 13	151 8	151 8	137 8	2 14 6	2 14 0	...	12 10	12 10	9 7
	Purneah	...	...	...	20 0	19 0	22 0	160 0	160 0	120 0	3 12 0	3 12 0	...	11 0	10 12	8 0
	Maldah	...	...	...	20 0	21 0	21 0	120 0	120 0	120 0	3 6 0	3 6 0	...	12 0	11 0	9 0
	Sonthal Pergunnahs	...	...	...	19 0	20 0	22 0	200 0	200 0	200 0	3 2 0	3 2 0	...	11 8	11 0	8 0
	Orissa.															
	Cuttack	14 7	13 2	17 1	21 0	21 0	22 5	160 0	160 0	160 0	2 12 0	2 12 0	3 8 0	14 0	14 0	11 0
	Pooree	...	...	...	15 0	16 4	18 12	120 0	120 0	105 0	2 12 0	2 12 0	...	13 4	13 4	11 0
	Balasore	...	...	...	12 0	12 0	14 0	120 0	120 0	128 0	3 2 0	3 2 0	3 12 0	12 12	12 3	9 3
	CHOTA NAGPUR.															
	South-Western Frontier Agency.															
	Hazáribágh	36 0	42 0	48 0	20 0	18 0	29 0	240 0	240 0	240 0	3 4 0	3 7 6	...	11 0	11 0	8 0
	Lohardugga	32 0	30 0	44 0	14 0	14 0	17 0	120 0	140 0	140 0	3 14 0	...	...	10 8	10 0	7 0
	Singbhoom	...	...	...	24 0	24 0	21 0	180 0	180 0	160 0	4 8 0	3 12 0	...	9 0	9 0	7 0
	Manbhoom	...	...	64 0	18 0	18 0	21 0	120 0	120 0	160 0	3 12 0	3 12 0	...	10 12	10 12	8 8

e1 In the sub-divisions retail prices of salt are as follow:—Baraset and Bussirhat 13 seers, Diamond Harbour 10-8 seers, Barripore 10-12 seers, Barrackpore 12-12 seers, and Dum Dum 12 seers.
f In the sub-divisions retail prices of salt are as follow:—Kooshtea and Bongong 13 seers, Meherpore 10-4 seers, Chooadanga 12 seers, and Ranaghat 12-14 seers.
g In Bagirhat sub-division retail prices of salt is 11 seers per rupee.
h In the sub-divisions retail price of salt is 12 seers per rupee.
i In the sub-divisions retail prices of salt are as follow:—Laibagh 11 seers, and Jungypore and Kandi 11-8 seers.
j In the sub-divisions retail prices of salt are as follow:—Raniguuge 11-8 seers and Nitpore 12 seers.
k In Nattore sub-division retail prices of salt is 12 seers per rupee.
l In the sub-divisions retail prices of salt are as follow:—Nilphamari 12 seers, Gaibanda 11 seers, and Kurigram 10 seers.
m In Serajgunge retail price of salt is 16-8 seers per rupee.
n Retail price of salt at Kurseong and Silligori is 10 seers per rupee.
o Retail price of salt at Fallacotta in Alipore sub-division is 10-8 seers per rupee.
p In the sub-divisions retail prices of salt are as follow:—Manickgunge 12 seers, Moonshegunge 10 seers 5½ chittacks, and Naraingunge 13-8 seers.
q In the sub-divisions retail prices of salt are as follow:—Goalundo and Bhanga 12 seers, Madaripore 13 seers, and Gopalgunge 12-12 seers.
r In the sub-divisions retail prices of salt are as follow:—Patuakhali 10-10 seers, Perozepore 11 seers, and Bhola 9 seers.
s In the sub-divisions retail prices of salt are as follow:—Kishoregunge 10-10 seers, Attea and Jamalpore 12 seers, and Netrokona 12-5 seers.
t In the sub-divisions retail prices of salt are as follow:—Brahmunberiah 13 seers and Chaudpore 12 seers.
u Retail price of salt at Kumeriah 10 seers, and Hathazaree 11 seers, and Cox's Bazar 8 seers.
u1 In the interior retail prices of salt are as follow:—Buxar 11-8 seers, and Bhabuah 10-12 seers.
v In the sub-divisions retail prices of salt are as follow:—Tajpore 11-8 seers, and Madhubani 12 seers.
w In the sub-divisions retail prices of salt range from 10 to 13 seers per rupee.
x In the interior retail price of salt is 12 seers per rupee.
y In Begusarai sub-division retail prices of salt are as follow:—Banka and Soopole 11 seers, Mudehpoora 10-8 seers.
z In the sub-divisions retail prices of salt are as follow:—Kissengunge 10 seers, Arrareah (Ramgunge) 11 seers.
z1 In the sub-division of salt at Rajmehal 12 seers, and at Godda 11 seers.
z2 Retail price of salt is 13 seers per rupee.
z3 In Khurda retail price of salt is 11 seers per rupee.
z4 In Bhadrak retail price of salt at Chatra 10 seers and at Khurruckdiha 12-4 seers.
z5 Retail price of salt at Roghunathpore and Govindpore 12 seers, and at Burrabazar 10 seers.
z6 Retail price of salt at Burrabazar 10 seers.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT INDIA FOR THE 1st HALF OF NOVEMBER 1882—*continued.*

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

Provinces.	Districts.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sorts). Present fortnight.	Rice (best sorts). Past fortnight.	Rice (best sorts). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholum, Jowari. *Holcus Sorghum.* Present fortnight.	Great Millet (Cholum, Jowari. *Holcus Sorghum.* Past fortnight.	Great Millet (Cholum, Jowari. *Holcus Sorghum.* Corresponding fortnight of 1881.	Bulrush Millet (Cumboo, Bajra). *Penicillaria Spicata.* Present fortnight.	Bulrush Millet (Cumboo, Bajra). *Penicillaria Spicata.* Past fortnight.	Bulrush Millet (Cumboo, Bajra). *Penicillaria Spicata.* Corresponding fortnight of 1881.	Lesser Millets, Ragi, &c. (Kavaru, Varagu, Sawee, Cheena, Coraloo, Murhwa, Nuglee), *Panicum Miliaceum, &c.* Present fortnight.	Lesser Millets, Ragi, &c. (Kavaru, Varagu, Sawee, Cheena, Coraloo, Murhwa, Nuglee), *Panicum Miliaceum, &c.* Past fortnight.	Lesser Millets, Ragi, &c. (Kavaru, Varagu, Sawee, Cheena, Coraloo, Murhwa, Nuglee), *Panicum Miliaceum, &c.* Corresponding fortnight of 1881.	Gram. Present fortnight.	Gram. Past fortnight.	Gram. Corresponding fortnight of 1881.	Firewood. Present fortnight.	Firewood. Past fortnight.	Firewood. Corresponding fortnight of 1881.	Salt. Wholesale. Present fortnight.	Salt. Wholesale. Past fortnight.	Salt. Wholesale. Corresponding fortnight of 1881.	Salt. Retail. Present fortnight.	Salt. Retail. Past fortnight.	Salt. Retail. Corresponding fortnight of 1881.	Districts.	Provinces.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	*R a.*	*R a.*	*R a.*	S. Ch.	S. Ch.	S. Ch.		
																										per maun d.							
Assam.	Sylhet	12 0	10 8	13 0	...	...	...	14 0	14 0	17 0	31 8	31 8	35 0	...	...	...	...	...	...	...	...	...	16 12	16 13	19 0	108 0	108 0	108 0	3 4	3 2	...	12 4	12 12	9 4	Sylhet	Assam.
	Cachar	10 0	9 2	11 6	16 0	16 0	20 0	21 5	21 5	20 0	24 10	25 10	26 10	...	...	...	...	...	...	...	...	...	13 5	14 8	16 13	80 0	80 0	80 0	3 4	3 6	...	11 13	10 10	9 2	Cachar	
	Goálpárá	24 0	22 0	21 0	...	...	...	13 0	12 0	13 0	20 0	20 0	16 0	...	...	...	...	...	...	...	...	...	16 0	16 0	14 0	120 0	120 0	120 0	3 4	3 8	...	12 0	11 0	8 8	Goálpárá	
	Gáro Hills	4 0	4 0	4 0	...	...	...	5 0	5 0	5 0	18 0	18 0	20 0	...	...	...	...	...	...	...	...	...	8 0	8 0	6 8	160 0	160 0	160 0	5 6	5 6	...	6 6	6 6	5 5	Gáro Hills	
	Kámrúp	16 0	16 0	17 12	...	...	...	12 0	12 0	13 0	18 0	18 0	20 0	...	...	...	...	...	...	...	...	...	11 4	12 0	12 4	160 0	160 0	200 0	3 12	3 6	...	10 8	11 12	8 0	Kámrúp	
	Darrang	...	...	...	...	...	...	10 0	12 0	9 0	16 0	16 0	16 0	...	...	...	...	...	...	...	...	...	9 0	8 0	7 14	160 0	160 0	160 0	4 8	4 8	...	8 0	8 0	6 8	Darrang	
	Nowgong	...	...	...	...	...	...	13 8	13 8	11 8	16 0	16 0	16 0	...	...	...	...	...	...	...	...	...	8 0	8 0	8 0	100 0	100 0	80 0	5 0	3 12	...	8 0	10 0	8 0	Nowgong	
	Sibságar	...	...	...	...	...	...	6 8	6 8	7 0	18 0	18 0	16 0	...	...	...	...	...	...	...	...	...	10 0	10 0	10 0	80 0	80 0	120 0	4 8	4 8	...	8 8	8 8	7 0	Sibságar	
	Lakhimpur	8 0	8 0	9 0	10 0	10 0	10 0	8 0	8 0	13 0	16 0	16 0	16 0	...	...	...	...	...	...	...	...	...	11 0	11 0	12 0	200 0	200 0	80 0	5 0	5 0	...	8 0	8 0	7 8	Lakhimpur	
	Khási & Jaintiá Hills	8 0	8 0	10 0	...	...	...	9 0	8 0	10 0	10 0	9 0	11 0	...	...	...	...	...	...	...	...	...	8 0	8 0	8 0	...	...	...	5 0	5 0	...	8 0	8 0	5 5	Khási & Jaintiá Hills	
	Nága Hills	...	...	...	...	...	...	6 0	6 0	4 0	8 0	8 0	...	...	...	...	...	...	...	...	...	...	2 0	2 0	2 0	120 0	120 0	120 0	13 0	13 0	...	3 0	3 0	2 8	Nága Hills	
N.-W. Provinces.	Dehra Dún	18 8	18 8	19 0	28 0	28 0	31 0	12 0	11 0	12 8	14 0	13 8	14 0	25 0	25 0	24 0	24 0	22 0	22 0	...	...	...	23 0	23 0	20 0	160 0	160 0	160 0	S. Ch. 11 0	S. Ch. 10 8	S. Ch. 9 8	10 8	10 0	9 0	Dehra Dún	N.-W. Provinces.
	Saháranpur	20 7	20 15½	19 14½	30 1½	32 4	32 5½	10 12	10 12	9 11	13 7	15 1	13 8	32 4	30 1½	28 0	27 15	25 13	27 0	...	...	...	26 14	26 14	24 3	129 0	129 0	150 0	12 1	12 1	10 0	11 13	11 13	10 0	Saháranpur	
	Muzaffarnagar	19 12	19 12	19 12	28 11	30 13	35 5	6 9	6 9	6 9	15 6	15 6	14 5	33 0	33 0	26 6	22 0	24 0	24 6	...	...	...	26 6	25 13	26 6	132 0	132 0	132 0	12 2	11 10	9 14	11 10	11 4	...	Muzaffarnagar	
	Meerut	18 8	18 8	20 8	27 0	27 0	30 0	6 0	5 8	6 0	15 0	15 0	13 0	27 0	27 0	25 0	23 0	23 0	23 0	...	...	...	25 0	25 0	21 12	110 0	110 0	110 0	12 0	12 0	10 0	11 8	11 8	9 8	Meerut	
	Bulandshahr	19 12	19 12	20 0	23 8	24 0	29 0	6 0	6 0	6 0	9 13	10 5	10 2	24 0	25 0	27 0	23 0	23 0	23 0	...	...	...	24 8	24 6	22 8	140 0	140 0	110 0	11 8	11 14	10 0	...	...	...	Bulandshahr	
	Aligarh	18 4	18 4	18 12	23 0	23 0	25 8	7 0	6 0	13 0	13 0	15 8	25 8	24 0	25 0	27 0	23 0	24 0	25 0	...	...	...	23 0	23 0	20 0	120 0	120 0	120 0	13 0	13 0	...	12 4	12 8	...	Aligarh	
	Kumaun	17 0	17 0	19 0	17 0	18 0	20 0	10 0	10 0	15 0	15 0	15 0	15 0	...	...	...	...	...	...	...	...	...	12 0	12 0	12 8	200 0	200 0	200 0	9 0	9 0	7 0	8 0	7 0	6 0	Kumaun	
	Garhwál	24 0	24 0	20 0	27 0	27 0	22 0	9 0	8 0	17 0	17 0	16 0	...	...	...	...	...	...	...	...	...	...	9 0	9 0	9 0	280 0	280 0	200 0	7 8	7 8	7 8	6 14	6 14	6 14	Garhwál	
	Bijnor	18 0	17 12	19 6	27 0	26 2	27 7	13 8	13 4	12 15	14 10	14 1	15 12	21 6	21 6	20 4	21 1	22 8	21 6	...	...	...	23 1	22 12	20 12	135 0	135 0	135 0	..	...	...	11 0	11 0	10 2	Bijnor	
	Moradabad	19 6	19 1	20 5	22 8	23 2	26 14	9 6	9 6	7 8	16 14	16 4	15 0	31 4	26 4	26 4	25 0	23 12	23 12	...	...	...	22 8	21 14	19 6	125 0	137 8	125 0	12 0	12 0	...	11 14	11 14	10 15	Moradabad	
	Budaun	18 9½	18 0	19 6	24 0	22 12½	21 10	9 9½	9 9½	6 0	18 4½	17 6	16 3	27 8	25 3	24 0	24 0	24 0	22 0	...	...	...	21 9½	21 0	20 6	192 0	192 0	192 0	11 4½	11 1½	9 10	10 12½	10 12½	10 3	Budaun	
	Bareilly	17 8	17 3	17 8	25 0	23 12	23 12	8 2	8 12	7 8	17 8	17 8	15 0	27 8	25 0	25 0	23 2	21 4	...	...	...	...	22 8	21 14	18 12	125 0	125 0	137 8	11 14	11 14	...	11 14	11 14	10 0	Bareilly	
	Sháhjáhánpur	19 0	18 12	19 10	24 0	24 4	26 4	9 8	9 4	8 8	19 4	19 12	16 8	...	...	...	24 12	...	23 12	...	...	...	22 4	21 12	18 12	160 0	160 0	160 0	12 12	12 2	10 4	10 12	10 12	9 4	Sháhjáhánpur	
	Tarái Pergunnahs	21 0	21 0	22 0	30 0	30 0	32 8	10 0	10 0	10 0	17 0	17 8	15 0	25 0	25 0	25 0	25 0	25 0	25 0	...	...	...	19 0	19 0	19 0	120 0	120 0	120 0	12 0	12 0	...	11 0	11 0	9 0	Tarái Pergunnahs	
	Muttra	17 8	17 0	17 4	25 8	24 8	24 0	...	...	6 0	15 0	15 0	13 0	23 0	24 0	24 0	22 0	21 8	21 0	...	...	...	24 0	23 8	19 0	100 0	100 0	110 0	14 0	14 0	...	12 8	12 0	10 0	Muttra	
	Agra	17 0	17 8	17 0	25 0	25 0	23 0	6 2	6 0	6 0	14 0	14 0	13 0	24 0	25 0	20 0	22 0	22 0	20 0	...	...	...	25 0	25 0	20 0	100 0	100 0	100 0	12 8	12 8	11 0	12 0	12 0	10 8	Agra	
	Farukhabad	17 10½	17 4½	17 11	21 14	21 11½	24 7½	6 13	6 13	6 2	15 3	14 14½	14 7½	22 13	...	...	23 2½	22 1	21 6	...	...	...	23 2½	22 1	19 11½	156 8	156 8	156 12	12 4	12 4	9 11	11 3½	11 3½	9 11	Farukhabad	
	Mainpuri	19 0	19 0	17 8	23 0	21 0	23 0	5 0	5 0	5 0	13 0	13 0	13 0	23 0	...	...	23 0	23 0	19 0	...	...	...	23 0	23 0	19 0	160 0	160 0	160 0	13 0	13 0	...	11 0	11 0	9 0	Mainpuri	
	Etáwah	18 8	19 0	16 12	23 0	22 8	23 0	6 0	6 0	6 0	14 8	14 8	14 8	27 0	27 0	24 0	25 0	25 0	21 8	...	...	...	27 8	27 0	21 0	100 0	100 0	120 0	11 8	10 8	10 8	11 0	10 0	9 8	Etáwah	
	Etah	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	No return received			Etah	
	Jalaun	20 0	19 0	20 0	20 0	20 0	20 0	10 0	10 0	8 0	11 0	11 0	12 0	28 0	28 0	24 0	26 0	22 0	24 0	...	...	...	32 0	30 0	24 0	140 0	140 0	140 0	12 0	12 0	...	11 0	11 0	9 8	Jalaun	
	Jhánsi	22 6	22 1	23 1	38 12	37 4	36 9½	8 0	8 0	8 4	15 0	15 0	15 10	28 0	28 0	24 0	27 0	...	26 0	...	...	...	32 7	30 4½	27 13	200 0	200 0	200 0	12 8	12 8	10 6½	11 8	11 8	10 0	Jhánsi	
	Lalitpur	22 0	21 8	27 0	12 8	36 0	35 0	11 0	11 0	9 0	15 0	15 0	12 0	31 0	29 4	38 0	30 0	28 0	28 0	...	...	...	35 0	31 8	37 0	160 0	160 0	160 0	12 0	12 0	...	11 8	11 6	9 8	Lalitpur	
	Cawnpore	17 12	18 0	19 8	28 0	30 0	11 0	11 0	11 0	17 0	16 8	16 8	29 0	27 0	30 0	29 0	28 0	28 0	...	...	...	28 8	28 0	25 0	140 0	150 0	125 0	13 4	12 12	...	13 0	12 8	10 8	Cawnpore	
	Fatehpur	16 10	16 10	17 12	24 12	24 8	24 0	11 4	12 12	10 10	18 8	19 0	19 4	31 0	...	31 4	27 12	27 0	26 8	...	...	...	27 0	27 4	21 8	200 0	200 0	200 0	10 8	10 8	...	10 4	10 4	9 10	Fatehpur	
	Bánda	19 0	19 0	21 0	24 0	23 0	25 0	9 0	9 0	10 0	18 0	18 0	16 0	45 0	35 0	35 0	34 0	32 8	30 0	...	...	...	37 0	35 0	27 0	160 0	160 0	180 0	12 8	12 8	...	12 0	12 0	9 8	Bánda	
	Allahabad	17 5	17 6	18 0	26 6	25 0	28 8	11 8	12 0	11 0	19 8	19 0	19 12	33 0	32 0	32 8	30 0	30 0	29 0	...	...	...	26 6	25 12	24 12	120 0	140 0	160 0	11 12	12 0	...	11 0	11 0	...	Allahabad	
	Hamírpur	17 0	18 9	20 8	...	18 0	22 8	10 2	11 4	11 4	...	...	16 0	28 0	28 0	33 8	27 0	30 0	26 0	...	...	...	32 0	32 10	25 1	140 0	140 0	140 0	11 4	11 13	9 9	10 8	10 8	...	Hamírpur	
	Jaunpur	19 11	19 0	20 7	32 3	29 10	35 5	7 12	7 12	7 12	15 8	15 8	16 15	...	...	...	19 11	19 11	19 11	...	...	...	24 0	23 4	26 13	148 12	148 12	141 4	10 12	10 12	...	10 10	10 10	8 15	Jaunpur	
	Gorakhpur	19 13	18 14½	22 8	28 13	27 0	48 9½	13 8	13 8	15 5	21 9½	20 11	25 3	36 0	36 0	50 6½	...	...	39 9½	...	...	...	25 3	25 3	37 13	160 0	160 0	200 0	10 13	11 3	...	10 6½	10 6½	8 6½	Gorakhpur	
	Basti	18 12	18 12	22 8	28 0	28 0	44 0	16 0	16 0	13 0	20 0	20 0	17 0	...	...	44 0	...	...	...	...	...	...	22 0	22 0	34 8	140 0	140 0	130 0	9 0	9 0	7 4	8 0	8 0	7 0	Basti	
	Azamgarh	17 11	17 11	19 3	25 13	24 6	33 15	10 5	10 5	10 5	16 3	11 12	18 11	...	...	38 6	20 10	20 10	...	...	...	...	22 2	21 6	28 0	181 0	181 0	147 8	10 8	10 8	7 14	9 12	9 12	9 3	Azamgarh	
	Mirzapur	15 0	15 0	17 0	22 0	22 0	26 0	10 0	10 0	10 0	16 0	16 0	18 0	28 0	28 0	26 0	26 0	25 0	25 0	...	...	...	21 0	21 0	22 0	100 0	100 0	95 0	10 0	10 0	9 0	8 0	9 0	8 0	Mirzapur	
	Benares	16 4	16 4	17 5½	26 0	24 15	27 10	11 6	11 6	7 7	17 14	17 14	21 2	27 10	26 0	31 7	28 12	25 8	27 10	...	...	...	22 3	21 11	24 6	120 0	120 0	120 0	11 4	11 4	...	10 2	10 2	8 2½	Benares	
	Gházipur	18 10½	19 5	19 5½	27 5	27 11	35 7	10 15½	10 15½	10 15	16 11½	15 7	19 15	33 7	25 12	30 14	25 12	23 3	30 14	...	...	...	27 0¾	27 11	28 5	130 0	130 0	154 8	9 10½	10 15½	9 1	9 0	10 5	8 6	Gházipur	
	Balia	16 4	16 8	19 6	25 0	25 0	38 12	10 0	10 0	8	18 12	18 12	21 0	...	...	23 8	...	...	...	...	...	...	27 0	25 8	31 4	100 0	100 0	125 0	11 4	11 4	9 6	11 4	11 4	...	Balia	
	Pilibhít	18 12	18 11	18 12	28 1	25 9	33 0	18 12	17 12	17 12	20 0	19 14½	18 8	32 8	32 8	...	23 8	...	...	...	...	...	19 7	19 9	21 4	150 0	150 0	150 0	13 8	13 8	13 4	12 8	12 8	12 8	Pilibhít	
	Lucknow	17 4¾	17 3½	18 4	24 8¾	24 8	26 4	6 0	6 0	6 0	15 4	15 12	17 8	24 12	24 8	29 0	26 3½	25 4	26 8	...	...	...	22 5½	22 1	19 8	110 0	110 0	130 0	10 8	10 8	9 0	10 0	10 0	8 8	Lucknow	
	Unáo	18 8	18 8	18 1	26 0	26 0	24 9½	12 0	11 0	10 0	14 0	15 0	17 0	35 0	33 0	33 6½	28 8	27 0	25 8½	...	...	...	24 0	24 0	19 0	150 0	160 0	150 0	...	...	...	11 0	11 8	9 0	Unáo	
	Bára Banki	18 0	17 8	18 12	24 0	25 0	28 0	13 0	13 0	9 0	16 0	15 8	19 0	38 0	38 0	38 0	22 0	22 0	23 0	...	...	...	22 0	22 0	23 0	120 0	130 0	140 0	12 0	12 0	11 0	10 0	10 0	9 8	Bára Banki	
	Sitapur	20 0	19 8	21 14	26 0	25 0	29 4	8 0	8 0	8 0	21 0	21 0	19 8	32 5	...	30 0	28 0	28 14	26 4	...	...	...	22 6	22 0	23 0	160 0	160 0	160 0	11 8	11 8	...	10 8	10 8	10 0	Sitapur	
	Hardui	17 2	16 14	20 5	24 6	24 6	23 12	5 10	5 10	5 10	12 3	11 0	13 2	26 4	...	...	24 6	23 7	...	...	...	...	19 15	19 0	23 8	200 0	200 0	240 0	9 6	9 6	8 7	7 8	7 8	8 8	Hardui	
	Kheri	19 4	19 0	21 0	24 8	25 0	28 0	9 0	8 0	8 0	19 0	18 0	16 0	43 0	44 0	40 0	...	...	...	...	...	...	19 0	17 0	21 0	160 0	160 0	200 0	11 8	11 0	9 0	10 8	10 0	8 0	Kheri	
	Fyzabad	17 0	16 14	18 12	25 8	26 0	30 8	11 8	11 6	11 0	18 0	17 12	15 12	35 0	34 0	40 0	...	...	31 8	...	...	...	24 0	23 8	23 8	140 0	140 0	120 0	11 0	11 0	8 12	10 8	10 0	8 0	Fyzabad	
	Bharaich	16 0	17 0	19 0	29 0	29 0	38 0	11 0	11 0	9 0	18 0	18 0	16 0	52 0	52 0	50 0	13 0	13 0	16 0	...	...	...	22 0	22 4	25 0	160 0	160 0	160 0	...	...	...	9 8	9 8	8 4	Bharaich	
	Gonda	19 15	19 14	23 4	26 6	27 12	41 0	16 4	15 12	16 4	19 12	19 2	20 8	48 0	46 10	63 0	27 8	24 0	31 4	...	...	...	27 8	26 12	27 8	240 0	240 0	200 0	11 8	11 8	...	11 4	11 4	9 0	Gonda	
	Rai Bareli	19 2	19 8	19 4	27 4	27 0	21 12	...	...	...	18 0	18 0	18 0	30 0	29 8	32 0	30 0	29 8	22 0	...	...	...	20 0	21 0	18 0	160 0	160 0	160 0	...	...	...	9 0	9 12	8 0	Rai Bareli	
	Sultánpur	20 8	20 8	21 0	34 8	32 8	31 8	11 0	11 0	9 0	21 0	20 0	22 0	33 0	...	...	29 0	30 0	...	...	...	...	26 0	26 0	23 0	160 0	160 0	160 0	12 8	12 0	10 0	12 0	11 12	9 12	Sultánpur	
	Partábgarh	19 12	19 4	20 4	31 0	30 0	31 5	19 10½	19 6½	19 0	21 0	20 13	21 0	33 12	...	28 0	29 10½	27 10	28 4	...	...	...	22 0	21 10½	20 5	186 10	200 0	200 0	11 0	11 0	...	10 6½	10 6	8 13	Partábgarh	
	Delhi	19 8	20 0	19 8	25 8	26 8	27 8	...	...	...	13 0	13 0	13 0	28 0	29 0	24 0	22 0	23 8	22 0	...	...	...	24 8	25 0	22 8	80 0	85 0	80 0	12 8	12 8	...	11 8	11 8	11 8	Delhi	
	Gurgáon	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	No return received			Gurgáon	
	Karnál	20 0	20 0	20 8	32 0	31 0	35 0	...	...	...	12 0	13 0	13 0	32 0	31 0	29 0	20 0	20 0	25 0	...	...	...	26 0	27 0	27 0	160 0	160 0	160 0	12 0	12 0	...	11 12	11 12	10 0	Karnál	
	Hissar	19 0	17 8	20 0	32 0	33 0	29 0	...	...	...	10 0	10 0	10 0	34 0	34 0	32 0	27 0	26 8	27 0	...	...	...	30 0	30 0	31 0	80 0	80 0	80 0	12 8	12 8	...	12 0	12 0	10 0	Hissar	
	Rohtak	18 0	17 12	21 8	24 0	24 0	26 0	...	...	...	9 0	9 0	9 0	25 0	25 0	30 0	24 0	22 0	26 0	...	...	...	27 0	26 0	26 0	100 0	100 0	100 0	11 10	11 12	...	11 4	11 8	10 8	Rohtak	
	Sirsa	23 8	23 0	19 0	44 0	43 0	32 0	...	...	...	12 0	12 0	12 0	44 0	43 0	36 0	35 0	35 0	31 0	...	...	...	41 0	40 0	33 0	120 0	120 0	120 0	12 0	11 8	...	11 8	11 0	9 8	Sirsa	
	Umballa (*a*)	23 8	24 4	22 4	32 0	33 0	35 0	...	...	...	14 8	13 0	14 0	40 0	36 0	36 0	28 0	26 0	24 0	...	...	...	28 4	29 8	25 0	140 0	140 0	160 0	...	13 12	...	13 8	13 8	11 4	Umballa (*a*)	
	Ludhiána (*b*)	26 0	24 0	21 8	38 0	33 0	34 0	...	...	...	12 8	12 8	12 0	40 0	40 0	34 0	27 0	25 0	26 0	...	...	...	34 8	33 0	29 0	100 0	100 0	100 0	14 10	14 10	...	14 8	14 8	11 8	Ludhiana (*b*)	
	Simla	16 12	18 8	16 0	...	...	...	...	...	...	11 0	12 0	...	...	...	...	...	...	...	...	...	...	18 0	20 4	18 8	80 0	80 0	80 0	10 0	10 12	...	10 1	10 1	8 4	Simla	
	Jullundur (*b*)	26 0	25 0	22 0	44 0	40 0	32 0	...	...	...	8 0	8 0	8 0	40 0	38 0	32 8	22 0	22 0	19 0	...	...	...	34 0	31 8	27 0	105 0	100 0	100 0	14 6	14 6	...	14 0	14 0	11 8	Jullundur (*b*)	
	Hoshiárpur	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	No return received			Hoshiárpur	
	Kangra	24 0	24 0	22 0	40 0	40 0	32 0	...	...	...	15 0	15 0	14 0	...	...	...	...	...	...	...	...	...	24 0	24 0	16 0	140 0	140 0	140 0	11 0	11 0	...	10 8	10 8	9 0	Kangra	

* Mundwa: Present 30 seers, past 30 seers, and corresponding 30 seers.

a Jowar failing.

b Barley failing.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT INDIA FOR THE 1st HALF OF NOVEMBER 1882—*continued.*

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

PROVINCES.	DISTRICTS.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholum, Jowar), *Holcus Sorghum.* Present fortnight.	Great Millet (Cholum, Jowar), *Holcus Sorghum.* Past fortnight.	Great Millet (Cholum, Jowar), *Holcus Sorghum.* Corresponding fortnight of 1881.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.* Present fortnight.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.* Past fortnight.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.* Corresponding fortnight of 1881.	Lesser Millets, Ragi, &c. (Kavaru, Varagu, Sawee, Cheena, Coraloo, Murwa, Nugreel), *Panicum Miliaceum,* &c. Present fortnight.	Lesser Millets, Ragi, &c. (Kavaru, Varagu, Sawee, Cheena, Coraloo, Murwa, Nugreel), *Panicum Miliaceum,* &c. Past fortnight.	Lesser Millets, Ragi, &c. (Kavaru, Varagu, Sawee, Cheena, Coraloo, Murwa, Nugreel), *Panicum Miliaceum,* &c. Corresponding fortnight of 1881.	Gram. Present fortnight.	Gram. Past fortnight.	Gram. Corresponding fortnight of 1881.	Firewood. Present fortnight.	Firewood. Past fortnight.	Firewood. Corresponding fortnight of 1881.	Salt. Wholesale. Present fortnight.	Salt. Wholesale. Past fortnight.	Salt. Wholesale. Corresponding fortnight of 1881.	Salt. Retail. Present fortnight.	Salt. Retail. Past fortnight.	Salt. Retail. Corresponding fortnight of 1881.	DISTRICTS.	PROVINCES.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.		
PUNJAB—*continued.*	Amritsar (*a*)	27 4	25 8	23 0	53 0	43 8	34 0	...	...	...	14 8	14 8	12 0	39 0	34 0	30 0	25 8	23 8	21 8	...	...	...	85 0	85 0	80 0	14 12	14 12	...	14 6	14 6	12 0	Amritsar (*a*)	PUNJAB—*continued.*
	Siálkot	28 0	27 0	20 0	47 0	47 0	33 8	...	...	...	17 0	14 0	14 0	34 0	34 0	29 0	27 0	25 0	17 0	...	...	...	130 0	130 0	120 0	15 0	15 0	...	14 0	14 8	12 0	Siálkot	
	Gurdáspur	32 0	32 0	25 0	45 0	45 0	32 0	...	...	...	16 0	16 0	12 0	40 0	40 0	28 0	14 0	14 0	14 0	...	...	...	120 0	120 0	120 0	13 8	13 8	...	13 0	13 0	11 0	Gurdáspur	
	Lahore	25 0	24 8	21 0	45 0	45 0	35 0	...	...	...	13 0	13 0	10 0	30 0	30 0	25 0	27 0	27 0	20 0	...	...	...	80 0	80 0	80 0	15 0	...	...	14 0	14 0	10 0	Lahore	
	Ferozepore	23 0	23 0	20 0	42 0	41 0	29 0	...	...	...	12 0	11 0	10 0	...	...	...	...	...	24 0	...	...	...	90 0	90 0	80 0	12 0	12 0	...	12 0	12 0	11 0	Ferozepore	
	Gujránwála (*b*)	27 8	26 4	19 4	55 0	50 0	32 8	...	...	...	16 0	16 0	14 0	40 0	40 0	25 0	25 0	25 0	16 0	...	...	...	95 0	95 0	95 0	15 4	15 4	...	15 0	15 0	12 0	Gujránwála (*b*)	
	Ráwalpindi	24 0	24 0	16 8	40 0	40 0	25 0	...	...	...	14 4	14 0	8 4	40 0	40 0	27 0	35 0	32 0	19 8	...	...	...	85 0	85 0	50 0	15 0	14 12	...	14 8	14 8	12 2	Ráwalpindi	
	Jhelum	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	No return received			Jhelum	
	Gujrát	29 4	29 12	20 8	46 0	46 0	30 0	...	...	...	14 0	14 0	8 0	40 0	40 0	28 0	38 8	36 0	26 8	...	...	...	100 0	100 0	100 0	*	*	...	15 0	15 0	12 2	Gujrát	
	Shahpúr	22 0	22 0	16 4	34 0	32 0	26 0	...	...	...	12 0	12 0	11 12	30 0	28 0	20 0	32 0	32 0	19 0	...	...	...	320 0	320 0	320 0	17 0	17 0	...	16 0	16 0	14 0	Shahpúr	
	Mooltan	17 0	17 4	14 8	28 0	28 0	22 0	...	...	...	10 0	10 0	8 0	30 0	30 0	20 0	26 0	26 0	19 0	...	...	...	90 0	90 0	90 0	14 4	14 8	...	14 0	14 4	12 4	Mooltan	
	Jhang	20 0	20 0	16 4	35 0	37 0	26 0	...	...	...	10 0	10 8	8 0	30 0	30 0	22 0	22 0	24 0	16 0	...	...	...	200 0	200 0	200 0	14 8	15 0	...	14 4	14 8	12 8	Jhang	
	Montgomery	20 0	20 0	17 8	31 0	32 0	20 0	...	...	...	5 8	5 8	5 8	...	...	...	...	...	...	...	...	...	8 0	26 8	19 0	13 0	13 0	...	12 0	12 0	10 4	Montgomery	
	Muzaffargarh	18 8	18 8	16 8	28 0	28 0	23 0	...	...	...	7 0	7 0	5 0	18 0	18 0	17 8	22 0	22 0	18 0	...	...	...	31 0	31 0	20 0	*	*	...	13 0	12 8	12 0	Muzaffargarh	
	Dera Ismail Khán	19 15	20 4	17 1	28 4	27 6	28 14	...	...	...	9 1	9 1	7 8	38 2	37 8	31 4	29 3	30 1	25 0	...	...	...	20 0	20 0	20 0	62 8	60 0	...	60 0	56 4	56 4	Dera Ismail Khán	
	Dera Ghází Khán	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	No return received			Dera Ghazi Khán	
	Bannu	30 10	30 5	19 11	47 8	48 12	43 12	...	...	...	9 6	10 0	6 14	50 0	50 0	25 0	37 8	35 0	22 8	...	...	...	24 8	23 0	23 6	100 0	100 0	100 0	...	...	...	Bannu	
	Pesháwar	19 10	19 8	12 0	38 0	38 0	31 0	...	...	...	10 12	10 12	6 5	33 8	34 8	23 10	24 4	22 0	15 2	...	...	...	27 3	28 7	33 3	80 0	80 0	80 0	120 0	120 0	100 0	Peshawar	
	Kohát	18 3	18 13	13 7	29 5	30 9	28 1	...	...	...	14 0	12 13	12 12	35 12	35 12	21 8	37 0	37 10	20 2	...	...	...	20 8	20 8	19 8	91 0	96 0	72 0	55 4	58 8	...	Kohát	
	Hazára	...	25 8	14 8	42 0	41 0	30 0	...	...	...	13 0	...	10 8	...	...	...	...	...	...	...	...	...	20 6	19 2	19 12	120 0	120 0	102 0	102 0	102 0	...	Hazára	
CENTRAL PROVINCES.	Nágpur	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	17 0	17 0	16 0	70 0	70 0	100 0	13 0	12 0	...	Nágpur	CENTRAL PROVINCES.
	Bhandára																															Bhandára	
	Chánda																															Chánda	
	Wardha																															Wardha	
	Bálaghát																															Bálaghát	
	Jubbulpore																															Jubbulpore	
	Saugor																															Saugor	
	Damoh																															Damoh	
	Seoni																															Seoni	
	Mandla																															Mandla	
	Betúl																															Betúl	
	Chhindwára																															Chhindwára	
	Hoshangabad																															Hoshangabad	
	Narsinghpur																															Narsinghpur	
	Nimár																															Nimár	
	Raipur																															Raipur	
	Sambalpur																															Sambalpur	
	Biláspur																															Biláspur	
BRITISH BURMA.	*Arakan Division.*																															*Arakan Division.*	BRITISH BURMA.
	Akyab	6 6	...	6 6	...	...	...	14 8	...	15 0	18 0	...	17 0	...	...	...	...	...	...	...	10 0	...	10 0	180 0	...	210 0	40 0	...	...	32 0	...	20 0	Akyab	
	Northern Arakan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Northern Arakan	
	Kyoukpyoo	...	18 0	...	...	...	...	18 8	18 0	17 1	19 8	19 8	18 9	...	...	...	...	...	...	...	4 0	4 0	4 0	160 0	160 0	160 0	...	...	...	36 0	36 0	42 0	Kyoukpyoo	
	Sandoway	...	...	...	...	...	...	27 7	22 14	27 7	33 9	26 13	33 9	...	...	...	...	...	...	...	...	...	...	469 11	469 11	469 11	...	...	...	28 6	28 6	28 6	Sandoway	
	Pegu Division.																															*Pegu Division.*	
	Rangoon town	15 5	15 5	16 4	...	...	...	12 3	12 3	13 4	12 9	12 9	13 13	...	...	...	...	...	...	...	19 7	19 7	12 10	320 0	320 0	324 0	50 11	50 11	50 11	22 10	22 10	22 4	Rangoon town	
	Tharrawaddy	...	...	...	...	...	...	16 5	...	13 4	17 13	...	15 4	...	...	...	...	...	...	...	31 9	...	8 8	535 11	...	535 11	...	...	...	27 7	...	29 14	Tharrawaddy	
	Prome	12 2	12 2	12 2	...	...	...	13 7	14 15	14 15	17 2	19 10	19 10	...	...	...	...	...	...	...	15 9	19 2	10 6	139 11	139 11	139 11	29 9	29 9	29 9	18 10	18 10	18 10	Prome	
	Irrawaddy Division.																															*Irrawaddy Division.*	
	Henzada	...	...	...	...	...	...	14 5	14 5	14 5	19 8	19 8	19 9	...	...	...	...	...	...	...	...	...	...	183 8	183 8	183 8	29 9	29 9	32 4	29 9	29 9	32 4	Henzada	
	Bassein	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Bassein	
	Thonegwa	...	...	...	...	...	...	10 12	11 9	12 9	14 11	17 7	18 6	...	...	...	...	...	...	...	22 7	16 13	11 3	184 8	184 8	246 0	47 5	39 6	44 5	37 5	35 7	39 6	Thonegwa	
	Thayetmyo	12 1	21 1	12 8	...	...	...	11 11	11 11	10 3	15 9	15 9	13 13	...	...	...	...	...	...	...	18 7	18 7	11 1	245 0	245 0	245 0	17 12	17 12	25 6	14 3	14 3	18 15	Thayetmyo	
	Tenasserim Division.																															*Tenasserim Division.*	
	Moulmein town and Amherst	12 2	12 2	10 0	...	...	...	12 2	12 2	11 8	15 5	15 5	14 5	...	...	...	...	...	...	...	12 2	12 2	11 1	220 0	220 0	220 0	32 5	32 5	32 0	22 12	22 12	28 6	Moulmein town and Amherst	
	Tavoy	...	...	...	...	...	...	13 12	13 12	12 6	19 6	21 0	17 15	...	...	...	...	...	...	...	...	...	...	399 3	399 3	399 3	24 2	24 2	24 2	16 1	16 1	16 1	Tavoy	
	Mergui	...	...	...	...	...	...	17 5	17 5	17 5	21 12	21 12	21 12	...	...	...	...	...	...	...	...	...	...	428 0	428 0	428 0	26 1	26 1	40 8	14 7	14 7	29 3	Mergui	
	Toungoo	...	...	...	...	...	...	18 5	18 5	21 2	21 5	21 5	23 5	...	...	...	...	...	...	...	12 9	12 9	11 5	24 0	24 0	24 0	30 12	30 12	18 12	18 12	18 12	18 12	Toungoo	
	Shwaygyin	...	...	...	...	...	...	10 10	12 7	14 3	12 7	13 13	17 9	...	...	...	...	...	...	...	...	...	...	250 0	250 0	250 0	32 3	32 3	35 6	18 14	18 4	14 2	Shwaygyin	
	Salween	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Salween	
HYDERABAD AS. SIGNED DISTRICTS.	Secunderabad	17 4	17 12	16 12	...	...	...	7 8	7 14	7 8	9 13	9 13	9 13	25 14	25 14	25 14	...	...	28 4	27 0	17 14	17 12	20 11	125 0	125 0	130 0	11 1	10 14	9 11	10 8	10 6	9 4	Secunderabad	HYDERABAD AS. SIGNED DISTRICTS.
	Bolarum	20 4	19 10	18 1	...	...	...	7 6	7 6	8 1	10 0	9 11	9 3	30 14	30 14	29 9	...	...	...	...	19 10	20 4	22 8	116 14	116 14	116 14	...	...	...	11 1	10 12	9 5	Bolarum	
	Chudderghat	13 8	14 0	12 8	...	...	...	7 0	7 0	6 12	9 8	9 0	8 12	27 0	18 0	27 4	34 0	34 0	27 4	...	17 8	17 0	22 12	80 0	80 0	80 0	...	...	...	9 8	9 8	8 12	Chudderghat	
	Amraoti	16 0	15 0	18 0	11 0	11 0	10 0	8 0	8 0	7 0	10 0	10 0	8 0	28 0	28 0	44 0	21 0	18 0	28 0	...	22 0	22 0	25 0	70 0	70 0	64 0	11 8	12 0	11 0	11 0	11 8	10 0	Amraoti	
	Akola	16 0	16 0	19 0	...	...	...	7 0	8 0	8 0	11 0	10 0	10 0	28 0	28 0	45 0	20 0	20 0	24 0	...	22 0	22 0	24 0	64 0	64 0	64 0	11 0	11 0	9 0	10 0	10 0	9 0	Akola	
	Ellichpur	15 0	16 0	17 0	14 0	14 0	12 0	8 0	8 0	8 0	10 0	10 0	10 0	27 0	27 0	31 0	25 0	22 0	25 0	7 8	7 8	7 8	16 0	16 0	25 0	64 0	64 0	64 0	...	...	...	10 0	10 0	10 0	Ellichpur	
	Buldána	19 0	18 0	22 0	...	...	...	...	...	...	10 0	11 0	11 0	32 0	32 0	54 0	28 0	28 0	40 0	...	22 0	22 0	35 0	...	...	...	...	...	...	11 0	11 0	10 0	Buldána	
	Wun	18 0	18 0	18 0	...	...	...	9 0	7 8	7 0	12 0	14 8	10 0	27 0	29 4	38 0	...	...	...	...	27 0	25 12	22 0	300 0	150 0	100 0	...	...	...	11 8	11 8	8 0	Wún	
	Basim	21 0	21 0	23 0	...	...	...	5 4	5 4	5 8	14 0	13 4	14 0	40 0	36 0	50 0	...	...	...	...	28 0	26 2	30 0	64 0	64 0	64 0	9 8	9 2	8 8	9 0	9 0	8 0	Basim	

(*a*) Barley, jowar falling.

(*b*) Barley falling.

* No wholesale salt sold.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT INDIA FOR THE 1st HALF OF NOVEMBER 1882 —*concluded.*

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

Provinces.	Districts.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholum, Jowar), *Holcus Sorghum.* Present fortnight.	Great Millet (Cholum, Jowar), *Holcus Sorghum.* Past fortnight.	Great Millet (Cholum, Jowar), *Holcus Sorghum.* Corresponding fortnight of 1881.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.* Present fortnight.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.* Past fortnight.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.* Corresponding fortnight of 1881.	Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Coraloo, Murhwa, Nuglee), *Panicum Miliaceum,* &c. Present fortnight.	Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Coraloo, Murhwa, Nuglee), *Panicum Miliaceum,* &c. Past fortnight.	Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Coraloo, Murhwa, Nuglee), *Panicum Miliaceum,* &c. Corresponding fortnight of 1881.	Gram. Present fortnight.	Gram. Past fortnight.	Gram. Corresponding fortnight of 1881.	Firewood. Present fortnight.	Firewood. Past fortnight.	Firewood. Corresponding fortnight of 1881.	Salt. Wholesale. Present fortnight.	Salt. Wholesale. Past fortnight.	Salt. Wholesale. Corresponding fortnight of 1881.	Salt. Retail. Present fortnight.	Salt. Retail. Past fortnight.	Salt. Retail. Corresponding fortnight of 1881.	Districts.	Provinces.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.		
Mysore	Bangalore	11 3	11 6	11 12	12 9	12 4	12 11	10 2	10 2	10 8	11 2	11 2	11 9	33 7	33 6	...	...	...	...	96 0	96 0	84 0	13 4	13 4	10 8	13 0	13 0	10 0†	Bangalore	Mysore
	Kolar	...	...	...	11 2	11 2	12 0	13 10	13 15	12 14	14 3	15 3	14 1	...	...	...	41 10	...	...	34 14	34 9	26 13	36 15	34 13	35 5	13 3	13 3	10 13†	Kolar	
	Túmkúr	14 8	14 8	14 0	13 0	13 0	14 0	12 8	12 8	12 0	13 8	13 8	13 0	...	...	...	...	...	...	35 0	34 0	33 0	37 10	37 10	39 14	12 0	12 0	9 8†	Túmkúr	
	Mysore	12 4	12 4	10 0	...	...	10 8	10 8	11 0	10 0	11 0	12 0	10 8	37 0	32 0	16 0	...	...	...	46 0	46 0	35 0	45 0	43 0	43 0	12 0	12 0	9 0†	Mysore	
	Hassan	12 0	12 0	10 0	13 0	13 0	10 8	12 0	11 8	10 0	13 0	12 8	11 0	...	...	...	...	...	...	27 0	27 0	20 0	32 0	33 4	32 0	10 0	8 8	7 0†	Hassan	
	Shimoga	14 11	14 11	11 2	15 12	17 14	12 6	10 8	10 8	7 4	13 10	13 10	11 3	35 11	35 11	26 5	...	...	...	30 0	27 0	22 0	38 0	37 0	28 0	10 8	10 8	7 9†	Shimoga	
	Kadur	15 0	15 0	7 0	14 0	14 0	9 0	11 0	11 0	10 0	14 0	14 0	16 0	...	...	...	...	...	...	35 3	35 3	24 0	31 8	36 12	25 2	11 0	11 0	8 0†	Kadur	
	Chitaldroog	16 0	16 0	14 0	18 0	18 0	16 0	12 0	12 0	11 0	13 0	13 0	12 0	48 0	48 0	38 0	28 0	28 0	28 0	25 0	25 0	24 0	23 0	23 0	22 0	8 0	8 0	16 0	Chitaldroog	
Coorg	Coorg	9 5	9 4	7 7	9 7	9 2	8 9	10 6	10 5	9 14	13 14	13 11	12 8	...	...	...	...	...	...	56 0	56 0	44 0	32 0	32 0	32 0	100 0	100 0	100 0	9 6	9 2	...	8 11	8 7	8 3	Coorg	Coorg
Rajpootana	Jeypore	17 0	17 2	16 8	24 0	23 0	21 0	6 0	6 0	6 8	9 0	9 0	9 0	20 0	20 0	24 0	22 0	20 8	19 0	22 4	20 5	17 11	23 4	21 5	20 14	110 0	110 0	110 0	14 4	14 4	...	14 0	14 0	12 12	Jeypore	Rajpootana
	Kishengurh	16 8	18 8	17 8	27 0	27 0	27 4	9 0	9 8	8 8	10 0	11 0	9 0	26 8	27 9	27 0	19 0	22 0	21 0	...	...	...	21 8	21 0	18 0	...	...	...	...	...	...	16 0	16 0	12 8	Kishengurh	
	Kerrowlee	19 4	18 8	16 8	26 4	27 10	16 8	15 0	13 0	12 8	17 8	14 4	13 8	28 12	26 12	19 0	25 0	26 4	18 0	...	...	...	25 8	25 0	26 8	...	...	...	14 6	14 2	...	14 0	14 0	10 0	Kerrowlee	
	Ulwur	20 2	19 14	17 13	29 5	30 6	22 8	9 0	9 0	8 0	12 4	12 8	12 4	28 11	28 10	22 5	23 8	25 12	19 2	...	...	...	28 12	27 8	27 15	...	...	...	15 13	15 13	...	15 4	15 6	12 9	Ulwur	
	Bhurtpore (City)	19 3	19 3	16 8	29 8	29 8	20 8	6 12	6 12	6 8	11 0	11 0	7 0	26 4	26 4	21 0	22 8	22 8	18 8	...	...	...	28 3	27 15	20 8	...	...	...	12 5	12 5	...	11 13	11 13	11 8	Bhurtpore (City)	
	Ajmere	16 0	16 0	15 8	24 0	24 0	24 0	5 0	5 0	5 0	8 0	8 0	8 0	23 0	22 0	24 0	18 0	16 0	18 0	...	...	...	26 0	26 0	19 8	...	...	...	17 0	16 10	...	15 0	15 0	11 0	Ajmere	
	Deoli Cantonment	17 4	18 4	20 8½	23 4	22 15	25 6	...	...	...	11 8	11 8	10 0	23 0	20 0	24 9	20 12	20 12	24 1	...	...	...	24 0	23 0	21 0	...	...	...	14 0	14 4	...	12 12	12 12	11 5	Deoli Cantonment	
	Erinpura	No return received			...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	*R a. p.*	*R a. p.* per md.	*R a. p.*							Erinpura	
	Sirohee																												No return received						Sirohee	
	Abu																																		Abu	
	Anadra																																		Anadra	
	Hilly Tracts of Meywar	22 0	22 0	25 0	28 0	26 0	44 0	...	...	...	16 0	16 0	23 0	...	...	...	...	...	...	...	...	...	24 0	24 0	32 0	*	*	*	3 9 6	3 9 6	...	11 2½	11 2½	8 0	Hilly Tracts of Meywar	
	Meywar (Oodeypore)	14 13½	15 3½	17 3	21 14	21 7¼	22 10½	10 8½	10 8½	8 9½	...	...	...	...	...	...	...	...	...	...	...	...	17 3	17 3	18 12	200 0	200 0	200 0	S. Ch. 10 8½ *R a. p.* per md.	S. Ch. 9 15½ *R a. p.*	S. Ch. ... *R a. p.*	10 2½	9 12½	8 3½	Meywar (Oodeypore)	
	Bánswára (Meywar Agency)	22 8	21 12	25 0	...	...	...	8 12	8 12	6 4	18 12	18 12	16 4	...	...	...	...	...	...	...	...	...	37 8	33 12	37 8	...	...	...	3 11 9	...	...	10 10	10 10	9 2	Bánswára (Meywar Agency)	
	Partábgarh („)	19 11	18 11	20 2½	...	...	...	10 0	10 0	6 13½	12 8	12 8	10 15	...	...	...	...	...	...	...	...	...	25 0	25 0	24 6	...	...	...	2 9 8	...	...	15 8	15 8	7 13	Partábgarh („)	
	Marwar (Jodhpore)	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	S. Ch. ...	S. Ch. ...	No return received				Marwar (Jodhpore)	
	Bikaneer	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	S. Ch. ...	S. Ch. ...	S. Ch. No return received				Bikaneer	
	Boondee	17 0	17 0	21 0	28 0	28 0	31 0	10 0	10 0	8 0	10 8	10 8	9 0	29 0	29 0	30 8	...	...	..	...	...	...	30 4	30 0	28 8	160 0	160 0	160 0	12 12	12 12	10 8	12 8	12 8	...	Boondee	
	Kotah	17 6	17 0	21 8	14 0	14 4	27 8	10 0	9 0	7 12	13 4	13 4	10 0	23 8	23 8	31 0	15 0	15 0	15 0	...	...	...	26 8	26 8	24 8	240 0	240 0	240 0	12 12	13 4	...	12 4	12 12	10 0	Kotah	
	Tonk	15 3	15 9	18 8	24 2	23 0	22 1	7 0	7 0	7 8	9 8	9 8	9 11	25 14	25 1	23 1	20 14	21 9	21 4	...	...	...	23 15	22 12	21 0	160 0	160 0	80 0	13 8	18 6	11 0	13 0	12 10	...	Tonk	
	Jhallawar	15 7½	15 6	20 11	12 0	14 12	27 14	...	...	...	10 2	10 2	8 13¼	20 7¼	20 3	28 4	18 6	19 4	18 0	...	...	...	23 0	21 5	22 14	...	...	...	10 14	10 14	...	10 10	10 10	7 12	Jhallawar	
	Shahpoora	17 8	17 8	21 0	21 8	21 12	28 0	12 4	12 2	10 0	14 5	14 3	15 0	18 0	18 10	27 0	18 0	18 12	20 0	...	...	...	21 0	21 8	21 0	160 0	160 0	160 0	14 3	14 0	11 4	14 0	13 12	...	Shahpoora	
	Dholpur	18 12	17 15	16 12	30 0	28 4	20 4	10 2	10 2	9 0	12 6	12 6	10 6	27 6	23 10	20 4	26 10	25 2	19 7	...	...	...	27 4	27 4	19 8	...	...	...	13 3	13 3	10 11	12 6	12 6	10 1	Dholpur	
Central India	Indore	15 8	16 8	21 5	...	...	...	9 3	9 3	8 0	10 0	10 14	9 0	25 4	26 10	48 0	20 0	22 14	29 0	...	...	...	20 13	18 7	26 0	100 0	100 0	100 0	12 5	12 5	...	12 2	12 0	7 0	Indore	Central India
	Gwalior	16 13	17 4	16 15	21 15	21 0	20 1	7 13	7 13	6 4	10 5	10 1	10 7	23 1	23 5	19 7	21 0	21 11	17 13	...	...	...	23 1	24 3	17 3	91 4	109 8	91 4	...	...	...	11 4	11 14	10 1	Gwalior	
	Goona	21 8	21 0	28 0	20 0	20 0	20 0	9 0	9 0	10 4	9 8	9 8	10 12	27 0	26 0	40 0	16 8	16 8	30 0	...	...	...	25 8	25 0	32 0	200 0	200 0	200 0	12 0	12 10	...	11 8	12 0	10 8	Goona	
	Baghelkhand (Sutna)	20 0	20 1	21 10	33 10	32 6	32 6	8 0	8 0	7 0	22 0	21 14	20 8	35 0	34 12	26 0	28 0	28 0	18 0	...	...	...	32 0	33 4	29 0	160 0	160 0	160 0	12 8	12 8	...	11 12	11 12	10 8	Baghelkhand (Sutna)	

* Eight pies per bundle. † Sea Salt. ‡ Earth Salt.

DEPARTMENT OF FINANCE AND COMMERCE,
(*Statistical Branch.*)

D. M. BARBOUR,
Secretary to the Government of India.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

RAILWAY TRAFFIC.

No. XLII OF 1882.

APPROXIMATE STATEMENT OF GROSS RECEIPTS AND EXPENSES OF INDIAN RAILWAYS.

Latest return received.	Railways	Receipts for week ending 22nd October 1882. Miles Total length open.	Total.	Per mile open.	Receipts for week ending 21st October 1882. Miles Total length open.	Total.	Per mile open.	Total Receipts from 1st April to 22nd October 1882. Total.	Permile open per week	Total Receipts from 1st April to 21st October 1882. Total.	Permile open per week	Total Increase in 1882-83.	Total Decrease in 1882-83.
			R	R		R	R	R	R	R	R	R	R
	Guaranteed.												
21st Oct. 1882	Eastern Bengal	172	1,47,515	858	172	1,42,976	831	30,83,893	612	32,04,666	639	1,20,773	...
21st ditto	Oudh and Rohilkhund	547	84,338	154	547	82,130	150	26,56,200	161	26,76,033	167	39,833	...
21st ditto	Sind, Punjab & Delhi	676	1,89,134	280	674	2,13,363	316	49,55,628	250	51,96,054	263	2,40,426	...
28th ditto	Madras	858	1,10,113	129	861	1,12,259	130	35,71,501	142	39,15,620	156	3,44,119	...
14th ditto	South Indian	655	66,230	101	...	...(a)	...	(a)20,93,574	113	(f)20,89,270	113	...	4,314
21st ditto	Great Indian Peninsula	1,139	5,18,607	360	1,458	5,42,621	372	1,68,97,152	400	1,71,13,559	405	2,16,407	...
21st ditto	Bombay, Baroda and Central India	444	1,42,045	320	461	1,18,130	321	51,38,093	3[illegible]5	53,65,955	399	2,27,862	...
	TOTAL	1,791	12,58,313	263	1,175	12,11,179	297	3,83,76,051	273	3,95,91,157	326	12,15,106	...
	State.												
21st Oct. 1882	East Indian	1,504	8,93,845	594	1,507	8,18,506	543	2,45,65,781	557	2,38,95,519	544	...	6,70,265
21st ditto	Calcutta and South-Eastern	28	2,132	87	33	6,340	192	82,255	100	1,10,883	123	28,628	...
21st ditto	Nalhati	27	1,216	45	27	1,385	51	35,076	41	38,341	48	3,265	...
21st ditto	Northern Bengal	233	40,271	173	230	40,220	175	9,38,117	138	10,89,473	162	1,51,356	...
21st ditto	Tirhoot	75	8,167	113	75	10,104	135	3,04,034	131	3,49,397	148	47,363	..
21st ditto	Patna-Gya	57	8,925	157	57	8,127	143	2,78,230	167	2,78,832	167	602	...
21st ditto	Muttra-Hathras	29	3,405	117	29	1,563	69	78,073	92	65,504	78	...	12,569
21st ditto	Cawnpore-Furrakhabad	86	5,613	66	87	5,768	66	1,53,791	61	1,81,155	71	27,164	...
28th ditto	Dildarnagar-Ghazipur	12	563	47	12	762	63	21,333	60	24,377	71	3,344	...
21st ditto	Rajputana-Malwa	1,016	1,97,823	195	1,116	1,94,740	174	46,94,641	157	55,09,074	169	8,14,433	...
28th ditto	Wardha Coal	45	7,339	163	45	9,080	202	2,62,789	199	2,85,799	218	23,010	...
28th ditto	Nagpur & Chhattisgarh	53	4,001	75	98	5,077	52	1,53,421	89	2,79,648	97	1,26,227	...
21st ditto	Rangoon and Irrawaddy Valley	161	21,299	132	161	31,191	194	7,27,126	154	7,19,073	160	21,947	...
28th ditto	Sindia	75	7,406	99	75	7,062	94	1,63,905	74	1,68,657	77	4,752	...
21st ditto	Punjab Northern	363	50,344	139	409	50,024	122	15,88,235	119	15,63,516	133	...	24,719
21st ditto	Indus Valley and Kandahar	660	1,00,013	152	650	1,31,571	202	27,14,991	140	24,11,508	125	...	3,03,483
21st ditto	Muttra-Achnera	...	...	...	23	1,180	51	...	...	37,834	57	37,834	...
21st ditto	Kannia Dharlla Tramway	21	1,921	91	32	1,399	44	(c) 17,874	59	43,658	47	25,784	...
	TOTAL	2,941	4,61,098	157	3,159	5,05,993	160	1,22,13,801	111	1,31,87,039	143	9,73,238	...
	Native States.												
28th Oct. 1882	Bhavnagar-Gondal	193	12,764	66	193	10,922	57	3,71,472	79	4,84,326	85	1,12,854	...
28th ditto	Nizam's	121	13,788	114	121	15,399	127	4,40,312	124	4,86,427	138	46,115	...
7th ditto	Mysore	58	2,660	46	...	...(a)	...	(d)74,765	47	(e)1,43,661	61	68,896	...
21st ditto	Jodhpore	...	...	...	19	630	33	...	...	(b)9,472	29	9,472	...
	TOTAL	372	29,212	78	333	26,951	81	8,86,549	89	11,23,886	92	2,37,337	...
	GRAND TOTAL	9,608	26,42,468	275	9,174	25,9[illegible]929	283	7,60,42,185	270	7,77,97,601	288	17,55,416	...
	GROSS ESTIMATED EXPENSES	...	...	...	...	...	...	3,80,09,707	135	3,80,70,966	141	...	
	NET RECEIPTS	...	...	...	...	...	...	3,80,32,478	135	3,97,26,635	147	16,94,157	...

(a) Return not received.
(b) Total receipts from 24th June to 21st October 1882.
(c) Total receipts from 1st April to 7th October 1882.
(d) Total receipts from 1st April to 8th October 1881.
(e) Total receipts from 9th July to 22nd October 1881.
(f) Total receipts from 1st April to 14th October 1882.
(g) Total receipts from 1st April to 15th October 1881.

FORT WILLIAM,
The 1st December 1882.

F. FIREBRACE, *Major, R.E.,*
Under-Secretary.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

IRRIGATION OPERATIONS OF FASL KHARIF IN THE PUNJAB FOR 1882-83 UP TO 30th SEPTEMBER 1882.

CANAL DIVISION.	LAND IRRIGATED (APPROXIMATE). Zila.	Acres.	RAINFALL. Average.	During month.	CHIEF CROPS (APPROXIMATE). Name.	Area in acres.	REMARKS.
BARI DOAB CANAL. 1st Division	Gurdáspur	18,283	5·26	5·80	Cotton	24,379	The amount entering the Bari Doáb Canal head was 2,412 cubic feet per second; of this 248 cubic feet per second passed out of the escapes, and the balance, 2,164 cubic feet, was utilized. Compared with the corresponding irrigation of last year, there is an increase of 25,774 acres, but the area is still 64,711 acres less than in 1881, when it reached 139,019 acres.
2nd Division, Main Branch, Lower	Amritsar	49,150	4·65	4·65	Rice	22,588	
2nd do., Lahore Branch	Lahore	60,329	3·15	3·15	Sugarcane	9,922	
					Others	79,873	
TOTAL BÁRI DOÁB CANAL	...	136,762	...	...	.....	136,762	
Corresponding period of last year	...	111,028	...	...	.....	111,028	
WESTERN JUMNA CANAL. Karnál Division	Umballa	1,886	4·92	2·70	Cotton	52,617	The volume entering the Western Jumna Canal was 2,875 cubic feet per second, of which 1,546 cubic feet per second was passed through the escapes, and the remainder utilized. The total area irrigated up to date shows an increase of 7,053 acres (chiefly sugarcane) over that of last year. The increase is divided among Delhi, Rohtak and Karnal Districts.
Delhi do.	Karnál	37,440	3·60	5·98	Rice	43,348	
Hánsi do.	Delhi	33,623	6·30	5·50	Sugarcane	48,170	
Do. Bulla Head	Rohtak	35,124	4·40	3·65	Others	22,976	
	Hissár	32,573	2·10	2·10	...	...	
	Jhind	25,513	2·00	0·60	...	...	
	Bikaner	224	...	...	...	...	
	Kalsia State	737	...	...	...	...	
TOTAL WESTERN JUMNA CANAL	...	167,120	...	...	...	167,120	
Corresponding period of last year	...	160,067	...	...	...	160,067	
INUNDATION CANALS. Upper Sutlej Division	Lahore	18,600	...	...	Detail not obtainable for want of establishment.	...	The irrigation on the Inundation Canals, as compared with the corresponding period of the preceding year, shows a decrease of 134,254 acres. The decrease is due to heavy rainfall, and partly to damage caused by floods.
Lower Sutlej and Chenab	Montgomery	42,000	2·5	8·85		...	
Indus Canals	Mooltan	192,540	0·59	...		...	
Muzaffargarh Canals	Dera Ghazi Khan	151,799	0·32	0·60		...	
	Muzaffargarh	140,230	4·90	1·5		...	
TOTAL INUNDATION CANALS	...	544,569	...	...	...	544,569	
Corresponding period of last year	...	678,823	...	...	...	678,823	
PERENNIAL CANALS, GRAND TOTAL	...	303,882	...	...	...	303,882	On the Perennial Canals there is an increase of 32,787 acres as compared with the previous year.
Do. corresponding period of last year	...	271,095	...	...	...	271,095	

CANAL DIVISION.	WATER DISTRIBUTED DURING SEPTEMBER 1882. Depth in Canal at Regulating Gauge. Full supply.	Actual throughout.	Gross Consumption, cubic feet per second. Estimated full supply.	Actual average throughout.	NAVIGATION RETURN CANAL. Principal items of Traffic. Up.	Down.
BARI DOAB CANAL. 1st Division	4·9	3·92	3,073·60	1,928	...	...
2nd Division, Main Branch, Lower	4·6	1·40		524	...	...
2nd do., Lahore Branch	3·35	2·00		412	...	...
TOTAL BÁRI DOÁB CANAL	...	...	3,073·60	2,164	...	...
Corresponding period of last year	...	...	3,073·60	1,597	...	...
WESTERN JUMNA CANAL. Karnál Division	4·33	4·74	2,546	68	194,505 kurries, bullies, &c.; 2,650 maunds and 108,380 cubic feet timber.	...
Delhi do.	5·70	5·71		791		
Hánsi do.	9·00	8·90		1,271		
Do. Bulla Head	8·80	7·86		287		
TOTAL WESTERN JUMNA CANAL	...	...	2,546	2,387	...	194,505
Corresponding period of last year	...	...	2,546	2,013	...	246,739
INUNDATION CANALS. Upper Sutlej Division	...	...	...	...	...	...
Lower Sutlej and Chenab	...	...	...	...	...	...
Indus Canals	...	...	...	...	...	...
Muzaffargarh Canals	...	...	...	...	...	...
TOTAL INUNDATION CANALS	...	...	...	...	...	...
Corresponding period of last year	...	...	...	...	...	...
PERENNIAL CANALS, GRAND TOTAL	...	...	...	...	...	...
Do. corresponding period of last year	...	...	...	...	...	...

J. E. CATTON,
Offg. Asst. Secy. to Govt., Punjab, P. W. D., Irrigation Branch.

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SUPPLEMENT TO

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Nº 50. CALCUTTA, SATURDAY, DECEMBER 16, 1882.

OFFICIAL PAPERS.

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GOVERNMENT OF INDIA.

REVENUE AND AGRICULTURAL DEPARTMENT.

REPORTS ON THE STATE OF THE SEASON AND PROSPECTS OF THE CROPS FOR THE WEEK ENDING THE 12th DECEMBER 1882.

GENERAL REMARKS.—Rain in varying quantities has fallen in several districts of the Madras Presidency and in two districts of British Burma. A little rain has also fallen in parts of Mysore and Coorg. Elsewhere there has scarcely been any worth noting. In the preceding week the Konkan and the Southern Mahratta Country had good showers.

Agricultural prospects are good everywhere. The *rabi* crops are promising in all provinces, but need rain in Peshawar and a few districts of the North-Western Provinces and Oudh.

The rice harvest in Bengal, Assam, and Coorg is proceeding with prospect of a fair outturn. In the Madras Presidency and British Burma reaping has commenced.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Madras—(Dec. 13th)		
Bellary	. . . .	Standing crops generally good; harvest paddy, dry grains, tobacco, and sugarcane, outturn average.
Kurnool	. . . .	Standing crops, later dry crops, generally fair but damaged by late rains in parts; harvest paddy and early dry crops, yield, paddy below average, the rest fair; cattle disease in parts.
Ganjam . . .	1·17 (average of 10 stations).	Standing crops, dry grains, and sugarcane thriving; harvest paddy and *ragi*, outturn about average; fever, small-pox, and cattle disease slight.
Kistna	3·11 (average of 4 stations).	Standing crops affected by rain and grubs in parts; harvest paddy and dry crops, yield below average; fever and cattle disease prevail; water 3 feet over anicut.
Chingleput (*Madras*) .	·41 (average of 3 stations).	Standing crops generally good, but in some places damaged by late rains; harvest paddy, outturn below average; cattle disease in parts.
Coimbatore . . .	·31 (average of 11 stations).	Standing crops generally good; harvest paddy and dry grains, outturn average; fever, small-pox, cholera and cattle disease in parts.
Tanjore . . .	·88 (average of 12 stations).	Standing crops generally good; harvest paddy and dry grains, yield below average.
Madura	1·23 (average of 6 stations).	Standing crops fair, except in parts; cholera in parts.
Malabar . . .	·69 (average of 4 stations).	Standing crops paddy, second crop good; small-pox, fever, and cholera slight in parts.
Travancore . . .	2·16 . .	Fever continues. *General Remarks.*—No rain in Bellary and Kurnool; general prospects good.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Bombay—(Dec. 6th)		
Kurrachee		River at Kotri on 28th 5 feet 2 inches, same level as last year on same date; fever generally prevalent; slight cattle disease in three talukas; *rabi* sowings in progress; wheat, red rice, and *bajri* in Karachi 25, 36 and 30, in Kotri 30 and 50, in Shahbandar 20, 48, and 48, and in Tatta 24, 32, and 44 lbs. per rupee respectively.
Hyderabad		Threshing of *kharif* crops still continues; cotton-picking in progress; *rabi* crops flourishing; cold seasonable; small-pox continues in Hyderabad and Naushahro; cattle disease in two talukas and fever general throughout; wheat 25, *bajri* 41, *jowari* 46, red rice 32, and white rice 22 lbs. per rupee.
Ahmedabad		*Rabi* sowings nearly completed; standing crops healthy; fever in Dholka, Viramgam and Parantej; wheat 28 and *bajri* 32 lbs. per rupee.
Baroda		Harvesting of *kharif* crops nearly completed in the Amreli taluka *rabi* plants somewhat injured by cloudy weather; sugarcane-pressing in progress in the Nowsari division; cholera decreasing in the Amreli taluka; cattle disease still continues in Sidpur and Kari talukas; *bajri* 32¾, and rice common 24½ lbs., per rupee.
Surat		Standing crops healthy; *jowari* 39, and *nagli* 59 lbs. per rupee.
Nasik		Locusts disappeared; *rabi* crops look splendid owing to late rain wheat 25½, *bajri* 36, and rice 23½ lbs. per rupee.
Colaba (Bombay)		Abnormal temperature 1° warm on 29th and 2nd; *nil* on 30th and 1st; suddenly fell to 3° cool on 3rd, and then rose to 2° cool on 4th and 5th; vapour in air in excess of normal till the 1st and afterwards *normal*; *wind normal*; distant lightning on 29th.
Poona		Late rain has benefited *rabi* crops which are thriving; weather clear; *bajri* 45 and *jowari* 56 lbs. per rupee; in Poona, *bajri* 39 and *jowari* 48 lbs. per rupee.
Ahmednagar	Nagar . 1·59 Parner . 1·64 Rahuri . 1·52 Sangamnar 1·09 Shrigonda ·52 Karjat . ·51 Jamkhed ·71 Sheogaon ·15 Newasa ·14 Akola . ·58 Kopargaon ·26	*Rabi* crops good; *bajri*, maximum 60 lbs. per rupee in Shrigonda, minimum 41 lbs. per rupee in Sheogaon; *jowari*, maximum 75 lbs. in Jamkhed, minimum 44 lbs. per rupee in Akola.
Sholapore	·97 minimum 1·12 in Barsi; maximum 2·26 in Pandharpur.	Total rainfall 40·57; prospects good; *jowari* 69 lbs. 16 tolas, and *bajri* 53 lbs. 32 tolas per rupee.
Dharwar	Heavy rain throughout the district.	Early crops in four, and late crops in one, talukas injured by excessive rain; cholera continues in Navalgund and Ron; 19 deaths in Navalgund, and 9 in Ron; slight fever and cattle disease in three talukas; rice, minimum 26 lbs., and *jowari* 49 lbs. per rupee.
Kanara	Kumpta ·32 Sirsi ·50 Kalial 1·02	Rice harvest completed in four talukas; preparing grounds for second crop; slight fever and cattle disease in two talukas; common rice in Karwar 11 seers per rupee, in district average 15½ seers per rupee; weather fair and cold.
Rajkot		Weather cold; general health fair; cholera at Ranawad, Und, and Porbandar; it has re-appeared in Navanagar and Dhrol; *bajri* 29 lbs. and *jowari* 38 lbs. per rupee. *General Remarks.*—Harvesting of *kharif* and sowing of *rabi* nearly completed everywhere; *rabi* improved by rain in Konkan and Southern Maratha Country; injured in Dharwar; prospects generally good; fever and cattle disease in several districts; slight cholera and small-pox in a few.
Bombay—(Dec. 13th)		
Kurrachee		Weather sultry; river on 9th, 4½ feet against 4 feet 5 inches last year; 2 cases small-pox in Karachi; first case imported from Mekran by a woman; 2 cases in Kotri also; fever generally prevalent; cattle disease in five talukas; keon worm has done some damage in Sehwan taluka; wheat, red rice, and *bajri* in Karachi 25, 13, and 39, in Dadu 36, 40, and 52 lbs., in Ghorabari 20, 44, and 44 lbs.; and in Mirpur Batoro 27, 40, and 42 lbs. per rupee respectively.
Hyderabad		Rice crops have suffered from rats in Guni; *rabi* crops flourishing; weather mild; clouds gathering; small-pox in Hyderabad, Naushahro, Moro and Kandiaro; cattle-disease in Badin and Mirpur; wheat 25, *bajri* 41, *jowari* 46, red rice 32 and white rice 22 lbs. per rupee.
Ahmedabad		Standing crops healthy; fever in Dholka; wheat 27½ and *bajri* 32 lbs. per rupee.
Baroda		Reaping of *kharif* and sowing of *rabi* continue; *bajri* 31½ and common rice 25¾ per rupee.
Surat		Crops healthy; reaping commenced in some talukas; *jowari* 36 and *nagli* 60 lbs. per rupee.
Nasik		Weather cold, favourable to *rabi* crops; fever in many talukas; wheat 25½, *bajri* 36 and rice 23½, lbs. per rupee.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Bombay—*contd.*		
Colaba (Bombay).		Abnormal temperature, 2° cool on 6th, 11th and 12th; 1° warm on 9th; *nil* on all other days; vapour in air in defect of normal on 7th and 8th, in excess of normal on 10th; normal on all other days; wind normal.
Poona		*Rabi* thriving; *bajri* 44 and *jowari* 55 lbs. per rupee; in Poona *bajri* 37 and *jowari* 48 lbs. per rupee.
Ahmednagar	*Nil*	*Rabi* crops good; cattle-disease at Chas in Nagar taluka; *bajri*, maximum 60 lbs. in Shrigonda, minimum 42 lbs. per rupee in Akola; *jowari*, maximum 72 lbs. per rupee in Shrigonda, minimum 51 lbs. in Kopargaon
Sholapore		Crops good; *jowari* 71 lbs. 11 tolas, and *bajri* 55 lbs. 22 tolas, per rupee.
Dharwar	*Nil*	Early crops being harvested; cotton and other late crops good; cholera has appeared in a village of Gadag, abated in Navalgand and continues in Ron; slight fever and cattle-disease in three talukas; rice, minimum 25 lbs. and *jowari* 52 lbs. per rupee.
Kanara		Harvest completed on coast and two talukas above ghat; preparing ground for second crop; fever subsiding; cattle-disease in two talukas; common rice, in Karwar 12½ seers per rupee; in district average 15 seers per rupee; weather cold and fair.
Rajkot		Weather cold; general health good, cholera continues in Navanagar and its two villages, and slightly in Dhrol; *bajri* 29 and *jowari* 34 lbs. per rupee. *General Remarks.*—No rain; weather cold; *rabi* crops doing well; fever and cattle disease in a few districts; slight cholera in a few places.
Bengal—(Dec. 12th)		
Chittagong	·14	Weather cloudy in the beginning of week, since fair and seasonable; prospects of crops good; harvesting of *amun* continues; cattle disease in Chakaria; public health generally good.
Dacca	*Nil*	Pulses being sown; harvesting of *amun* rice proceeding, outturn good.
24-Pergunnahs (Alipore)	*Nil*	Prospects of late rice crop continue satisfactory, yield estimated at from 12 to 14 annas; *rabi* crops doing well; price of common rice stationary; fever and cholera somewhat prevalent all over the district.
Moorshedabad	*Nil*	Prospects of standing crops favourable; cutting of *amun* paddy continues; fever prevails in a mild form here and there.
Rajshahye	*Nil*	Prospects of all crops seem good; cholera in several villages; fever prevails as usual.
Burdwan	*Nil*	Harvesting of *amun* continues, prospects good; general health fair; occasional cases of fever and cholera reported.
Rungpore	*Nil*	Weather cloudy and dry; *amun being harvested in some places*; prospects of winter crops favourable; transplanting of tobacco commenced; public health good.
Bhagalpur	*Nil*	Prospects of crops favourable.
Purneah	*Nil*	Cold-weather crops promise well; late rice nearly all harvested, outturn moderate; fever abating.
Patna	*Nil*	Prospects of *rabi* crops good; reaping of paddy continues; mustard crop flowering; public health good.
Durbhunga	*Nil*	Harvesting of rice crop in progress; *rabi* and tobacco crops promising; prices stationary; public health fair.
Hazaribagh	*Nil*	Weather clear and cold; paddy harvest over; prospects of cold-weather crops favourable; public health generally good.
Cuttack	*Nil*	Prospects of late rice and *rabi* crops excellent; late rice being reaped; public health good; cattle disease still reported. *General Remarks.*—Slight rain fell in Chittagong during the week, but none in any other reporting district; harvesting of *amun* proceeding, generally with prospect of a fair outturn; *rabi* and sugarcane crops are generally reported on very favourably; prevalence of fever, though decreasing in some parts, still reported from several districts, and of cholera from some; there is still a little small-pox in Pooree, Singbhoom, and Manbhoom.
N.-W. Provinces and Oudh—		
Benares (Dec. 12th)	No rain	*Rabi* crops flourishing; prices falling; no sickness among men or cattle.
Allahabad („ 13th)	No rain	Crops doing well; prices steady.
Gorakhpur („ 11th)		Weather clear; *aghani* rice being reaped; prospects of *rabi* crop good; health fair; prices stationary.
Jhansi („ 12th)		*Kharif* harvesting over; *rabi* crops promising; prices stationary; small-pox in parganas Jhansi and Garotha.
Agra („ „)	No rain	Weather cloudy off and on; *rabi* sowings completed; well irrigation continues; small-pox in two parganas; general health good; prices stationary.
Bareilly („ „)	No rain	Weather seasonable; crops good; condition of cattle and people very fair, some fever still prevalent.
Meerut („ „)		Weather damp and cloudy; prospects of rain which is needed; small-pox continues; prices stationary; crops promising.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
N.-W. P. & Oudh—*contd.*		
Kumaon (Dec. 12th)	No rain	General health good; that form of typhus called *goliarog* is not spreading, and is on the decrease; cattle-disease continues; prices unchanged.
Lucknow („ „)	. . . .	Prospects continue favourable, but rain is urgently required; general health good; want of fodder felt.
Partabgarh („ „)	. . . .	*Rabi* and sugarcane crops promising; a few cases of cholera are still reported.
Sitapur („ „)	. . . .	Prospects still favourable, but rain wanted; small-pox reported in tahsil Sitapur, otherwise health good; prices stationary.
Fyzabad („ „)	No rain	Irrigation going on; prospects good; prices steady; ague and fever in part of district
Rae Bareli („ 11th)	. . . .	Weather seasonable; in irrigated lands *rabi* crops coming up well; cholera declining; cattle-disease in tahsil Rae Bareli; prices stationary.
Cawnpore („ 12th)	No rain	*Rabi* doing well; poppy being sown; general health good; prices nearly stationary.
Farukhabad („ „)	. . . .	Prospects fair; prices steady; weather seasonable; sky clear; rain needed.
		General Remarks.—Weather clear, except at Agra, Meerut, and Saharanpur; rain needed in Lucknow, Sitapur, Farukhabad, Aligarh, Meerut, and Saharanpur; some fever and small-pox, but general health and prospects favourable; prices generally stationary.
Punjab—(Dec. 12th)		
Delhi . . .	. . . .	Health and harvest prospects good; prices fluctuating.
Hissar . . .	. . . .	*Burani rabi* crops require rain; prices stationary; sporadic small-pox in Rohtak; health otherwise good.
Umballa . . .	. . . .	Rain wanted; *rabi* sowing completed; prices stationary; health good.
Jullundur . . .	. . . .	Prices stationary; health good; sugarcane-pressing in progress.
Amritsar . . .	. . . .	*Rabi* sowings nearly completed; prices stationary; health good.
Lahore . . .	. . . .	Prospects of crops good; prices fluctuating; health good.
Ferozepore . . .	. . . .	Kharif crop gathered; *rabi* sowings in progress; prices falling; health good.
Sialkot . . .	. . . .	Prospects of crops good; rain wanted; prices stationary; health good.
Rawalpindi . . .	. . . .	*Rabi* sowings in progress; cattle disease in the Murree tahsil; slight fever throughout the district; prices slightly rising.
Peshawar . . .	. . . .	Rain wanted; prices stationary; slight fever still prevalent.
Mooltan . . .	. . . .	Health fair; crops good; prices fluctuating.
Dera Ismail Khan . .	. . . .	Fever abating; mortality still high; prospects good; prices steady.
		General Remarks.—The prospects of the crops are generally good; slight fever prevails in two or three districts, and sporadic small-pox is reported from Rohtak; there has been no rain during the week.
Central Provinces—		
Raipur (Dec. 9th)	. . . .	Weather clear and cool; *rabi* crop promises well; fever abating; health generally good; prices fluctuating.
Jubbulpore („ 12th)	. . . .	Weather clear and cool; *rabi* crops thriving; prospects and health good; prices steady.
Saugor („ 11th)	. . . .	Crops excellent; health fair; prices steady.
Seoni („ 12th)	. . . .	Weather clear and cool; *rabi* crop flourishing; threshing of rice commenced; fever prevalent; prices steady.
Hoshangabad („ „)	. . . .	Weather seasonable; *rabi* crop promises well; fever prevalent; few cases of small-pox; wheat 16 seers per rupee.
Nagpur („ 13th)	. . . .	Nights cool with heavy dew; prospects of crops and health good; prices steady.
Sambalpur („ 7th)	. . . .	Weather clear and cool; prospects of crops good; fever still prevalent; rice 56 seers per rupee.
Khandwa („ 12th)	. . . .	Days warm, nights cool; *kharif* reaping nearly complete; *rabi* prospects good; few cases of small-pox; prices stationary.
		General Remarks.—Weather clear and cool; some rain; crops are being harvested; *rabi* crops are in good condition; fever still reported from few districts but is on the decline; prices remain steady.
British Burma— (Dec. 9th)		
Akyab . . .	1·05	Total rainfall 204·17 inches; public health in town good; twenty-one deaths from cholera and six from small-pox reported from district; slight cattle disease in one township; crop prospects good.
Rangoon . . .	*Nil*	Total rainfall 102·02 inches; two deaths from cholera and one from small-pox; otherwise public health good; crops progressing.
Bassein . . .	0·17	Total rainfall 125·83 inches; eight deaths from cholera in town and two in district; thirty-two deaths from cattle disease in one township; prospects of crops generally good.
Prome . . .	*Nil*	Total rainfall 50·21 inches; public health and general health of cattle good; crop prospects fair; reaping well advanced.
Amherst (Moulmein) .	*Nil*	Total rainfall 202·90 inches; public health both in Moulmein and district good; eighteen deaths of cattle in one township; prospects of crops good; reaping progressing.
Toungoo . . .	*Nil*	Total rainfall 91·64 inches; five deaths from cholera reported from district; otherwise public health good.
		General Remarks.—Public health good; prospects of crops favourable; reaping commenced.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Assam— (Dec. 13th)		
Gauhati . . .	*Nil*	Weather seasonable; nights and mornings foggy; reaping of *sali* paddy in progress; public health good.
Sylhet	*Nil*	Paddy harvest continues; no information about outturn yet; cholera in epidemic form in many places.
Cachar . . .	0·4	Weather cloudy and still unseasonably warm; reaping of *sali* crops continues; common rice 26¾ seers per rupee; thirty-two deaths from cholera in and about Silchar reported.
Dibrugarh . . .	*Nil*	Weather cold; *sali dhan* being harvested; public health good.
Mysore and Coorg— (Dec. 13th)		
Bangalore . . .	. . . .	Crops in good condition; harvesting of *ragi* almost completed; prospects favourable.
Mysore . . .	·06	A good rice crop is being reaped; coffee is being picked and pulped outturn deficient; demand dull; prices of food-grains and of cardamoms falling; public health good, save in Nanjarajapatna taluk, where small-pox and fever prevail.
Mercara . . .	·01	*General Remarks.*—The crops throughout province are in a thriving condition; cultivation of *vaisakh* paddy progressing favourably; propects good; fever and murrain prevalent in parts; general health good.
Berar and Hyderabad— (Dec. 13th)		
Amraoti	. . . .	Cotton-picking continued; *kharif* crops being harvested; *rabi* crops progressing favourably; wheat 16 and *jowari* 26 seers per rupee.
Akola	. . . .	Prospects of crops favourable; *kharif* reaping progressing.
Hyderabad . . .	. . . .	*Tabi* crops in good condition; *abi* crops continue to be reaped; no fever or cattle disease; cholera still prevalent; prices, wheat 16½, coarse rice 11, white *juari* 27, yellow *juari* 34½, and *tur* 23¾, seers per hali sicca rupee.
Central India States— (Dec. 13th)		
Indore	. . . .	Weather seasonable; health and prospects good.
Morar (Gwalior) . .	. . . .	Health and prospects good; weather seasonable.
Sutna	. . . .	Health and prospects good.
Neemuch . . .	. . . .	*Rabi* sowings in progress; public health good.
Goona	. . . .	Crops good; health fair; wheat 22 seers and 8 chittacks per rupee.
Bhopal	. . . .	Weather cool; crops good; public health good.
Agar	. . . .	Health and prospects good
Nowgong . . .	. . . .	The *kharif* harvest is being reaped; health fair; prices stationary.
Manpur . . .	. . . .	Weather clear and cool; *rabi* crops thriving; sowing of opium continues; prices stationary.
Rajputana—		
Abu (Dec. 13th)	. . . .	Weather seasonable but somewhat cloudy.
Sirohi („ 10th)	. . . .	Tanks, wells, and health good; crop prospects fair.
Meywar („ 9th)	. . . .	Wells and tanks fair; health and crop prospects good.
Harowti („ 11th)	Kotah . ·05 Shahpura . ·64	Weather seasonable; health and prospects good.
Jhallawar („ 6th)	. . . .	Health and prospects continue good.
Ajmere („ 12th)	. . . .	Health good; *rabi* sowings completed.
Jeypore („ „)	. . . .	Prices steady; prospects favourable; health good.
Ulwar („ „)	. . . .	Crop prospects and health good; prices steady.
Nepal—		
Khatmandú (Dec. 7th)	·10	Prospects good; weather much warmer than in the previous week; occasional cloudy days, but for the past two days bright and clear.

E. C. BUCK,
Secretary to the Government of India.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

IRRIGATION OPERATIONS OF FASL KHARIF, N.-W. PROVINCES, 1882, UP TO 30th SEPTEMBER 1882.

Canal Division.	Water distributed during September 1882: Depth in Canal at Regulating Gauge in feet. Full supply.	Water distributed during September 1882: Depth in Canal at Regulating Gauge in feet. Actual average throughout.	Gross Consumption, cubic feet per second. Allotted discharge.	Gross Consumption, cubic feet per second. Actual average throughout.	Total area of irrigation during current fasl.	Total area for the corresponding period of last year.
Upper Ganges. Northern	10·00	5·73	740	730	48,778	37,927
Upper Ganges. Anúpshahr	6·80	...	700	...	54,556	47,702
Upper Ganges. Meerut	8·30	4·40	969	360	72,045	55,044
Upper Ganges. Bulandshahr	7·35	3·90	972	330	69,638	62,110
Upper Ganges. Aligarh	5·50	2·77	994	259	72,457	76,185
Lower Ganges. Narora	9·00	0·3	975	...	13,497	11,671
Lower Ganges. Mainpuri	7·00	0·17	600	...	34,124	28,766
Lower Ganges. Cawnpore	8·20	1·7	825	...	51,907	55,866
Lower Ganges. Etáwah	5·80	2·2	975	31	69,698	76,073
Lower Ganges. Bhognipur	7·00	2·1	950	...	21,072	19,969
Total, Upper and Lower Ganges Canals	...	...	...	1,710	507,772	471,313
Eastern Jumna Canal	5·2	2·32	1,250	526	104,665	97,512
Agra Canal	...	6·20	2,000	...	43,123	43,704
Rohilkhand	...	...	...	10	24,231	31,376
Bijnor	...	...	...	...	1,471	3,269
Dún	...	...	...	214	4,668	4,765
Jhánsi	...	...	...	...	42	15
Hamírpur	...	...	...	...	5[*]	52
Total	...	...	...	...	686,022	652,006

Zila.	Land irrigated (approximate). Sugarcane.	Indigo.	Rice.	Cotton.	Other food-grains.	Fodder crops.	Miscellaneous.	Total.	Rain-fall. Total from 1st April to 30th September 1882.	Rain-fall. Average of ten previous years for the same period.
Saháranpur	19,547	1,937	29,424	680	1,500	122	1,659	54,869	18·0	4·9
Muzaffarnagar	47,896	4,237	21,775	3,157	2,917	753	2,022	82,757	11·0	5·8
Meerut	72,675	16,976	10,447	9,304	13,643	3,707	1,968	128,720	12·6	5·6
Bulandshahr	8,886	52,853	161	12,417	5,240	589	1,364	81,510	9·0	4·8
Aligarh	1,238	45,768	194	3,333	1,711	117	1,325	53,686	13·0	5·2
Muttra	1,649	9,126	...	8,437	69	144	1,329	20,754	10·7	5·8
Agra	1,179	6,816	11	795	148	52	821	9,822	7·8	5·2
Etah	3,865	26,641	158	762	928	47	1,317	33,718	16·5	3·9
Mainpuri	4,385	38,173	162	135	927	40	848	45,270	16·1	5·8
Fatehgarh	2,210	19,862	402	15	441	15	233	23,178	14·4	4·7
Etáwah	8,153	45,346	437	38	514	67	663	55,198	14·1	4·4
Cawnpore	4,364	40,282	2,344	...	3,758	348	1,448	52,544	20·3	2·8
Delhi	8	...	...	11	1	...	...	20	10·7	6·3
Gurgaon	2,129	2,209	...	8,693	103	313	67	13,514	5·8	6·0
Dehra Dún	1,120	...	3,261	1	...	...	286	4,668	21·4	10·4
Bijnor	...	...	312	...	...	...	1,159	1,471	2·0·9	6·5
Tarái	1,282	...	1,419	...	...	...	...	2,701	43·2	5·7
Pilibhit	1,007	...	531	...	...	...	...	1,598	28·5	5·6
Bareilly	8,938	...	10,994	...	...	...	...	19,932	24·0	7·8
Jhánsi	33	..	3	2	...	...	4	42	21·6	5·6
Hamírpur	11	...	15	...	...	...	24	50	23·6	4·7
Total	191,215	310,226	82,059	47,780	31,000	6,314	16,537	686,022	...	..
Total for the same period last year	162,337	334,887	69,245	45,081	19,578	3,523	17,355	652,006	...	...
Increase	28,878	...	12,805	2,699	12,322	2,791	...	34,016	...	...
Decrease	...	24,661	...	...	...	...	818	...	...	...

Remarks.

Cubic feet per second.

Entering head of Ganges Canal . . . 3,141
„ Lower Ganges Canal . . 81
3,222

Expended—
Ganges Canal . . . 1,679
Lower Ganges Canal . . 31
1,710

Escapes—
Meerut Division . . . 478
Bulandshahr ditto . . . 81
Narora ditto . . . 48
Mainpuri ditto . . . 20
Cawnpore ditto . . . 292
Etawah ditto . . . 638
Bhognipur ditto . . . 188
1,745
Deduct excess discharge . . 233
3,222

Owing to the very low supply which was run and to the necessity for keeping the water passed into the Lower Ganges Canal to a minimum, the discharge tables are not reliable. The Lower Canal was closed after the 2nd of the month.

Executive Engineer, Meerut Division, reports that there was a general demand only from 7th to 14th, and that during the rest of the month there was a demand only for rice.

Executive Engineer, Aligarh Division, reports that from the 20th September a demand sprang up for water for cotton and rabi poles. A fair supply was obtained by the 25th, from which date irrigation has been going on.

Executive Engineer, Eastern Jumna Canal, reports that the canal was closed from the 1st to the 6th and again from the 16th to the 22nd, both dates inclusive.

Executive Engineer, Agra Canal, reports that the canal was closed for most of the month.

Executive Engineer, Rohilkhand Canal, reports that there was no demand for water except on the Dhora river.

Allahabad,
The 6th November 1882.

G. H. D. WALKER,
Asst. Secy. to Govt., N.-W. P. and Oudh, P. W. D., Irrigation Branch.

STATEMENT OF TRAFFIC ON UPPER AND LOWER GANGES CANALS FOR THE MONTH OF SEPTEMBER 1882.

	Upper Ganges Canal. Principal items of Local Traffic. Up. Mds.	Up. Nos.	Down. Mds.	Down. Nos.	Total up and down. Mds.	Total up and down. Nos.
Grains.						
Wheat	700	...	3,437	...	4,137	...
Gram	125	...	850	...	975	...
Rice	...	...	...	...	...	...
Paddy or dhán	...	...	...	...	...	...
Bejhar or mixed grain	...	...	...	...	...	...
Dál ... Urd	...	...	...	...	...	...
Dál ... Múng	...	...	...	...	...	...
Dál ... Arhar	300	...	...	...	300	...
Dál ... Masuri	...	...	...	...	...	...
Juár	...	...	...	...	...	...
Bájra	...	...	...	...	...	...
Maize or Indian-corn	...	...	...	...	...	...
Barley	...	...	200	...	200	...
Total	1,125	...	4,487	...	5,612	...
Cotton	...	...	...	...	...	...
Oilseeds	...	...	...	...	...	...
Salt	300	...	...	...	300	...
Metals	...	...	...	...	...	...
Building materials	967	...	1,950	...	2,917	...
Miscellaneous goods	470	...	63	...	533	...
Firewood	...	...	2,650	...	2,650	...
Bamboos	...	...	1,375	27,500	1,375	27,500
Timber. Poles and unsquared timber.	...	...	460	460	460	460
Timber. Karis and squared timber.	...	...	390	390	390	390
Timber. Logs	...	...	...	...	...	...
Miscellaneous timber	...	...	...	...	...	...
Live-stock	...	...	...	...	...	...
Grand Total	2,862	...	11,375	28,350	14,237	28,350
Total during corresponding period of last year.*	...	...	...	...	...	...
Increase	2,862	...	11,375	28,350	14,237	28,350
Decrease	...	...	...	...	...	...

Lower Ganges Canal. Principal items of Local Traffic. Up. Mds.	Up. Nos.	Down. Mds.	Down. Nos.	Total up and down. Mds.	Total up and down. Nos.
...	...	2,676	...	2,676	...
50	...	...	...	50	...
...	...	...	...	...	...
...	...	50	...	50	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
50	...	2,726	...	2,776	...
...	...	33	...	33	...
...	...	348	...	348	...
25	...	...	...	25	...
...	...	...	...	...	...
600	...	16,279	...	16,879	...
16	...	232	...	248	...
1,422	...	7,187	...	8,609	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	201	402	201	402
...	...	...	...	...	...
2,113	...	27,006	402	29,119	402
...	...	...	...	...	...
2,113	...	27,006	402	29,119	402
...	...	...	...	...	...

Upper and Lower Ganges Canals (through). Principal items of Through Traffic. Up. Mds.	Up. Nos.	Down. Mds.	Down. Nos.	Total up and down. Mds.	Total up and down. Nos.
501	...	5,325	...	5,826	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
501	...	5,325	...	5,826	...
...	...	567	...	567	...
...	...	212	...	212	...
...	...	645	...	465	...
...	...	897	...	897	...
...	...	927	...	927	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
501	...	8,573	...	9,074	...
...	...	...	...	...	...
501	...	8,573	...	9,074	...
...	...	...	...	...	...

Upper and Lower Ganges Canals. Principal items of Local and Through Traffic. Up. Mds.	Up. Nos.	Down. Mds.	Down. Nos.	Total up and down. Mds.	Total up and down. Nos.	Remarks.
1,201	...	11,438	...	12,639	...	
175	...	850	...	1,025	...	
...	...	...	...	...	...	
...	...	50	...	50	...	
...	...	...	...	...	...	
...	...	...	...	...	...	
...	...	...	...	...	...	
...	...	...	...	...	...	
300	...	...	...	300	...	
...	...	...	...	...	...	
...	...	...	...	...	...	
...	...	...	...	...	...	
...	...	200	...	200	...	
1,676	...	12,538	...	14,214	...	
...	...	33	...	33	...	
...	...	915	...	915	...	
325	...	212	...	537	...	
...	...	645	...	645	...	
1,567	...	19,126	...	20,693	...	
486	...	1,222	...	1,708	...	
1,422	...	9,837	...	11,259	...	
...	...	1,375	27,500	1,375	27,500	
...	...	460	460	460	460	
...	...	390	390	390	390	
...	...	...	...	...	...	
...	...	201	402	201	402	
...	...	...	...	...	...	
5,476	...	46,954	28,752	52,430	28,752	
...	...	...	...	...	...	
5,476	...	46,954	28,752	52,430	28,752	
...	...	...	...	...	...	

Particulars.	Upper Ganges Canal (local). 1881.	Upper Ganges Canal (local). 1882.	Lower Ganges Canal (local). 1881.	Lower Ganges Canal (local). 1882.	Upper and Lower Ganges Canals (through). 1881.	Upper and Lower Ganges Canals (through). 1882.	Total, Upper and Lower Ganges Canals. 1881.	Total, Upper and Lower Ganges Canals. 1882.
Tonnage, including weight of timber and bamboos	...	523	...	1,070	...	333	...	1,926
Ton mileage	...	19,649	...	41,680	...	56,429	...	117,758
Value of goods	...	29,372	...	14,463	...	27,025	...	70,860
Number of passengers	...	101	...	16	...	...	...	117

[*] Canal closed.

Foot Note.—The traffic return of the Agra Canal for September 1882 is blank; the return for September 1881 was also blank.

Allahabad,
The 6th November 1882.

G. H. D. WALKER,
Asst. Secy. to Govt., N.-W. P. & Oudh, P. W. D., Irrigation Branch.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

RAILWAY TRAFFIC.

No. XLIII OF 1882.

APPROXIMATE STATEMENT OF GROSS RECEIPTS AND EXPENSES OF INDIAN RAILWAYS.

Latest return received.	Railways.	Mean total length open.	Receipts for week ending 29th October 1881. Total.	Per mile open.	Mean total length open.	Receipts for week ending 28th October 1882. Total.	Per mile open.	Total Receipts from 1st April to 29th October 1881. Total.	Per mile open per week.	Total Receipts from 1st April to 28th October 1882. Total.	Per mile open per week.	Total Increase in 1882-83.	Total Decrease in 1882-83.
	Guaranteed.		R	R		R	R	R	R	R	R	R	R
4th Nov. 1882	Eastern Bengal	172	1,45,898	848	193	1,28,828	667	32,29,791	620	33,38,241	643	1,08,450	...
4th ditto	Oudh and Rohilkhund	547	83,028	152	547	91,380	167	27,19,228	164	27,73,174	168	53,946	...
4th ditto	Sind, Punjab & Delhi	676	2,06,904	306	676	2,20,277	326	51,62,532	252	53,60,269	263	1,97,737	...
4th ditto	Madras	858	1,62,911	120	861	1,19,582	139	36,74,412	141	40,90,618	158	4,16,206	...
4th ditto	South Indian	655	67,673	103	655	79,165	121	22,27,488	112	21,70,229	109	...	57,259
28th Oct. 1882	Great Indian Peninsula	1,439	5,27,222	366	1,458	6,37,431	437	1,74,24,373	398	1,77,92,415	406	3,68,042	...
28th ditto	Bombay, Baroda and Central India	444	1,40,358	316	461	1,65,878	360	52,78,452	393	55,33,885	398	2,55,433	...
	TOTAL	1,791	12,73,994	266	1,851	14,42,811	297	3,97,16,276	273	4,10,58,831	282	13,42,555	...
	State.												
4th Nov. 1882	East Indian	1,504	8,08,972	538	1,507	7,76,612	502	2,45,65,784	538	2,46,48,762	543	82,978	...
4th ditto	Calcutta and South-Eastern	28	3,882	139	33	10,250	311	86,137	102	1,23,707	132	37,570	...
4th ditto	Nalhati	27	1,231	46	27	921	34	36,307	44	39,851	49	3,544	...
4th ditto	Northern Bengal	233	49,154	211	230	38,884	169	9,87,271	141	11,23,472	161	1,36,201	...
4th ditto	Tirhoot	82	8,418	103	75	12,757	170	3,12,452	129	3,62,225	148	49,773	..
4th ditto	Patna-Gya	57	9,153	161	57	7,474	131	2,87,383	166	2,89,677	169	2,294	...
4th ditto	Muttra-Hathras	29	3,619	121	29	2,500	86	81,692	92	67,959	78	...	13,733
4th ditto	Cawnpore-Furrakhabad	86	5,275	61	87	5,663	65	1,78,976	61	2,65,608	101	1,06,632	...
4th ditto	Dildarnagar-Ghazipur	12	510	42	12	739	61	21,843	60	25,446	70	3,603	...
4th ditto	Rajputana-Malwa	1,016	1,89,956	187	1,116	1,90,000	170	48,84,597	158	56,94,893	169	8,10,296	...
4th ditto	Wardha Coal	45	9,171	204	45	13,084	291	2,71,960	200	2,99,088	220	27,128	...
4th ditto	Nagpur & Chhattisgarh	53	4,218	80	98	6,091	62	1,57,669	90	2,86,103	97	1,28,134	...
4th ditto	Rangoon and Irrawaddy Valley	161	23,626	147	161	40,909	254	7,50,752	153	7,90,930	162	40,178	...
4th ditto	Sindia	75	4,910	65	75	6,276	84	1,68,815	74	1,73,922	76	5,107	...
4th ditto	Punjab Northern	363	66,587	183	419	51,562	123	16,54,822	151	16,61,654	137	9,832	...
22nd Oct. 1882	Indus Valley and Kandahar	660	87,879	133	...	...(a)	...	(b)27,14,991	140	(b)24,11,508	125	...	3,03,483
28th ditto	Muttra-Achnera	...	...	...	23	1,220	53	...	...	38,448	55	38,448	...
28th ditto	Kannia Dharlla Tramway	21	1,526	73	32	1,453	45	(c)19,400	60	45,401	47	26,001	...
	TOTAL	2,948	4,69,145	159	2,519	3,89,783	155	1,25,95,067	141	1,37,02,892	143	11,07,825	...
	Native States.												
4th Nov. 1882	Bhavnagar-Gondal	193	10,850	56	193	11,527	60	3,82,322	79	4,96,897	85	1,14,575	...
4th ditto	Nizam's	121	12,078	100	121	15,163	125	4,52,390	123	4,99,209	137	46,819	...
28th Oct. 1882	Mysore	58	4,472	77	86	6,607	77	84,983	48	1,75,005	67	90,022	...
28th ditto	Jodhpore	...	...	...	19	511	27	...	...	(d)9,584	27	9,584	...
	TOTAL	372	27,400	74	419	33,808	81	9,19,695	90	11,80,695	93	2,61,000	...
	GRAND TOTAL	9,615	25,79,511	268	9,296	26,43,044	284	7,77,96,822	267	8,05,91,180	270	27,94,358	...
	GROSS ESTIMATED EXPENSES	...	...	...	...	...	...	3,89,39,664	134	3,94,67,756	132	...	...
	NET RECEIPTS	...	...	...	...	...	...	3,88,57,158	133	4,11,23,424	138	22,66,266	...

(a) Return not received.
(b) Total receipts from 1st April to 21st October 1882.
(c) Total receipts from 1st April to 22nd October 1882.
(d) Total receipts from 24th June to 28th October 1882.
(e) Total receipts from 9th July to 29th October 1881.

FORT WILLIAM,
The 11th December 1882.

F. FIREBRACE, *Major, R.E.*,
Under-Secretary.

GOVERNMENT OF INDIA.

HOME DEPARTMENT.

REVIEW OF THE STATISTICS OF THE JAIL DEPARTMENTS IN BRITISH INDIA FOR THE YEAR 1881.

No. $\frac{28}{1757\text{-}67}$.

Extract from the Proceedings of the Government of India in the Home Department (Judicial),—under date Fort William, the 12th December 1882.

READ again—

Despatch from Her Majesty's Secretary of State for India, No. 16 (Judicial), dated 25th May 1882.

Read also—

The Reports on the Administration of the Jails throughout British India for the year 1881.

RESOLUTION.

IN the despatch read in the preamble Her Majesty's Secretary of State for India suggested that it would tend greatly to the due supervision of the working of the Jail Departments in India if a review of the statistics for the various Provinces were prepared annually by the Government of India. In accordance with this suggestion the Governor General in Council proceeds to review the jail statistics of British India for the year 1881. It may be noted that the jail reports for the several Provinces with the orders of Local Governments and Administrations thereon were received by the Government of India on the dates specified in the margin. In some cases the local reports were not received until very long after the close of the year to which they relate, and the Governor General in Council trusts that arrangements will be made whereby the reports with the orders of the Local Governments or Administrations thereon will in future reach the Government of India not later than the 1st June, the date prescribed by paragraph 3 of Home Department Circular letter Nos. 14—1051 to 1060, dated 25th July 1882.

Madras, 23rd November 1882.
Bombay, 25th September 1882.
Bengal, 16th June 1882.
North-Western Provinces and Oudh, 28th April 1882.
Punjab, 19th August 1882.
Central Provinces, 26th April 1882.
British Burma, 27th May 1882.
Assam, 28th July 1882.
Coorg, 17th June 1882.
Hyderabad Assigned Districts, 19th June 1882.

RESULTS IN BRITISH INDIA AS A WHOLE.

2. The statistics* appended to this Resolution, which have been compiled from the local reports, show that at the close of the year 1881 there were 32 central jails, 206 district jails, and 238 subsidiary jails or lock-ups throughout British India. The prisoners of all classes received into these jails and lock-ups during the year 1881 aggregated 295,046, being a decrease of 21,286, or 6·7 per cent. as compared with the number received during the previous year. The total daily average number of prisoners throughout British India was 91,218, or 6·81 per cent. less than in the previous year when it amounted to 97,880. The number of prisoners who remained in jail at the close of the year was 86,598, of whom 82,104 were convicted prisoners, 3,614 under-trial, 822† civil prisoners, and 58 security, insane and State prisoners. Of the convicted prisoners who were

* Statements 1 to 4. Distribution of prisoners of all classes: classification of convicts according to religion, age, sex, previous occupation, length of sentence and nature of imprisonment: and number of convicts who had been previously convicted.

† This number is exclusive of 182 civil prisoners in the Bombay Presidency as they are not shown in the Statement headed "General Summary" appended to the Provincial Report.

confined in jail on the 31st December 1881, the majority, 48,671, or 59·49 per cent., were classed as Hindus, 24,204, or 29·58 per cent., as Muhammadans, and the remainder 8,945, or 10·93 per cent., as belonging to other religions. A comparison of the average daily strength of the convicts and of the admissions in each Province during the year with the results of the census taken in the year 1881, is made in paragraph 8 of this Resolution. The general result for the whole of British India is that the average daily strength of the convicts during the year 1881 represented a proportion to every 10,000 of the population of 4·3, and that the number of convicts admitted during the year showed a proportion of 6·8 to every 10,000 of the general population.

3. Of the total number of convicts in jail at the close of the year 1881, 78,192, or 95·57 per cent., were males, and 3,628, or 4·43 per cent. females. The distribution of these convicts according to age is shewn by the following figures :—

Under 16 years of age ...	...	862, or 1·05 per cent.
Between 16 and 40 years of age	...	63,085, or 77·10 „
Between 40 and 60 years of age	...	15,129, or 18·86 „
Above 60 years of age ...	...	2,444, or 2·99 „

The previous occupations of the convicts were classified thus :—

Persons employed under Government or a Municipal or other local authority	...	2,793, or 3·57 per cent.
Persons engaged in agriculture and with animals	...	43,889, or 56·13 „
All other classes	...	31,510, or 40·3 „

The distribution of the convicts according to length of sentence is thus shewn :—

Not exceeding 1 year ...	...	31,317, or 38·33 per cent.
Above 1 year and not exceeding 5 years ...		36,514, or 44·68 „
Above 5 years and not exceeding 10 years		9,210, or 11·27 „
Exceeding 10 years ...	...	1,063, or 1·3 „
Transported beyond the seas	...	3,612, or 4·42 „

Of the total number of convicts sentenced to transportation beyond the seas, 1,672 or 46·29 per cent., were sentenced to transportation for various terms of years, and the remainder 1,940 or 53·71 per cent., to transportation for life. Lastly, of the convicts in jail at the close of the year 1881, 72,711, or 99·06 per cent., were working out sentences of rigorous imprisonment, and 687, or less than one per cent., had been sentenced to simple imprisonment.* The general results stated above may be summarized thus : Of the total number of convicts confined in the jails of British India on the 31st December 1881, the majority were Hindus, the large bulk were between 16 and 40 years of age; the class of the population from which the convicts were drawn was mainly the agricultural class; the large majority of sentences of imprisonment inflicted were for periods not exceeding 5 years, and the nature of imprisonment generally inflicted was rigorous, the comparative number of sentences of simple imprisonment being very small. These results are very much what might have been expected.

4. The number of convicts in jail during the year 1881, who had been previously convicted, was 39,628, as compared with 41,971 in the previous year, the ratio to the total number of convicts being 17·7 against 17·4 in the year 1880. Of the number of convicts, 11,835, who came under the rules for remission of sentences, 5,126, or 43·31

* These figures are exclusive of the Central Provinces, British Burma and Coorg, the reports for which Provinces do not show the distribution of the convicts according to the nature of imprisonment to which they were sentenced.

per cent., gained remissions, and 6,709, or 56·69 per cent., failed to gain any remission of sentences. The total number of juvenile prisoners (*i.e.*, prisoners under 16 years of age) imprisoned during the year 1881 was 2,703 against 3,062 in the previous year, while the number of juvenile prisoners who had been previously convicted was 672, or 24·86 per cent., as compared with 680, or 22·2 per cent., during the year 1880.

5. The manner in which the convicts were employed is shewn in Statement No. 5. The average number of effectives was 71,495 against 76,840 in the previous year, and the manner in which they were employed during the two years is thus shewn :—

Statement 5—Employment of convicts.

	1880.	1881.
On unremunerative labour	2,081	**1,299**
As prison officers	3,579	**3,534**
As prison servants	9,589	**8,954**
Building and repairing jail	15,085	**12,768**
On jail garden	5,484	**5,105**
On manufactures	34,733	**32,804**
Extramurally	3,610	**3,378**

The ratio of convicts employed during the year 1881 as prison officers, as prison servants, and on manufactures to the average number of effectives was 4·9, 12·5 and 45·9, respectively, as compared with 4·6, 12·7 and 45·2, in the previous year. For all practical purposes these ratios may therefore be said to have been identical during the two years. The daily average number of civil prisoners was 1,019 against 975 in the previous year, of whom 50 and 44 respectively were females.

6. Particulars regarding the behaviour of the convicts in jail are given in Statement No. 6. In addition to 327 criminal offences which were judicially tried and punished by the criminal courts, 76,098* breaches of jail rules occurred which were punished departmentally. The punishments inflicted for these breaches of jail rules consisted of solitary confinement, reduced diet, solitary confinement with reduced diet, corporal punishment, and certain minor punishments which are not separately shewn in the reports. Under the head of solitary confinement there was a small increase, as compared with the previous year, in the number of cases in which resort was had to this form of punishment—from 4,022 to 4,050, and in the case of solitary confinement with reduced diet from 7,190 to 7,651. The punishment of reduced diet was resorted to in 15,201 cases against 23,179 in the previous year, and "other" punishments fell from 41,813 to 40,229. As regards corporal punishment, which is being separately dealt with by the Government of India, it is sufficient to notice here that the number of cases in which resort was had to this form of punishment shows a very considerable falling off as compared with the previous year, from 17,057 to 8,920, or by 47·7 per cent. The general ratio of the total punishments of all kinds to the average number of convicts decreased from 101·2 in the previous year to 88·8 during the year 1881.

Statement 6—Offences and punishments of convicts.

7. The total expenditure incurred in guarding and maintaining prisoners of all classes in the jails of British India during the year 1881 (exclusive of the cost of building new jails, and of additions,

Statement No. 7—Cost of guarding and maintenance.

* Smoking or having possession of forbidden articles 8,297
Offences relating to work 39,159
Other offences against prison discipline 28,642

alterations, or repairs of existing jails) was Rs. 47,99,672 as compared with Rs. 53,86,718 during the previous year. The total gross cost per head of average strength aggregated Rs. 64-15-11 against Rs. 66-11-10 in the year 1880, and was thus distributed:—

	1880.			1881.		
	Rs.	A.	P.	Rs.	A.	P.
Cost of rations per head of average strength ...	29	10	1	**26**	**6**	**6**
Do. establishment „ „ ...	18	7	5	**19**	**5**	**3**
Do. police guard „ „ ...	8	9	7	**8**	**14**	**9**
Do. hospital charges „ „ ...	1	15	1	**1**	**12**	**9**
Do. clothing „ „ ...	3	1	10	**3**	**9**	**7**
Do. contingencies „ „ ...	4	15	10	**4**	**15**	**1**
Total ...	66	11	10	**64**	**15**	**11**

Statement No. 8—Net cost of prisoners.

The cash receipts from manufactures during the year 1881 aggregated Rs. 36,07,910, as compared with Rs. 36,03,977 during the previous year, and the net cost to Government per head of all convicts amounted to Rs. 40-10-0 against Rs. 43-5-0 during theyear 1880.

Statement No. 9—Sickness and mortality amongst prisoners.

8. As compared with recent years the death-rate amongst the prisoners of Indian jails during 1880 and 1881 shows a very marked improvement. During the three years, 1877 to 1879, the mortality was exceptionally high—the maximum ratio, 8·1 per cent., having been reached in 1878. This was in great part due to the famine which ruled in Southern India during 1877, and to the widespread privation and want which prevailed in Northern India also during the succeeding two years. In 1880 the death-rate fell to 4·8 per cent. or to nearly one-half that of 1878, and in 1881 it fell still further, viz., to 4·4. The average number of daily sick and of admissions into hospital have not, however, shown such a marked improvement during recent years, but it will be more instructive to examine these points when the results in the several Provinces come to be considered. The following comparative tabular statement has been prepared in the Sanitary Commissioner's Office, and will suffice to indicate generally the principal points as regards the sickness and mortality amongst prisoners of the country taken as a whole during the last five years.

Jails of British India.

Year.	Ratio per 100.				
	Admissions into hospital.	Daily sick.	Deaths from		
			Cholera.	Dysentery and Diarrhœa.	All causes.
1877	101	3	·7	2·5	6·1
1878	119	4	·5	3·2	8·1
1879	129	4	·4	2·7	7·3
1880	121	4	·07	1·9	4·8
1881	**121**	**4**	**·3**	**1·6**	**4·4**

Accommodation and dietaries of prisoners.

It is satisfactory to note that considerable progress has been made in all Provinces in providing sufficient and suitable accommodation for the prisoners and in various other ways promoting their general well-being. With regard to some Provinces, however, it has been found necessary to draw special attention to the evidence of overcrowding which was furnished in the local reports, and although in most instances mention was made that accommodation for the surplus population was provided by resorting to worksheds and verandahs, nevertheless, such accommodation, in the opinion of the Governor General in Council, must always be deemed highly unsatisfactory, and local authorities are urged to do all in their power to discourage jail officials from depending on such means for relieving overcrowding, as any reduction of the space allowed is attended with the gravest risk, which cannot be removed by the use of workshops, &c., as dormitories. The dietaries also of the prisoners have received careful consideration during the year, and the recent orders* of the Government on this subject have already borne fruit. Several of the suggestions contained in the able memoranda by the Sanitary Commissioner and by Surgeon-Major Lewis, which were circulated with the Government orders, have already been adopted by many jail officials. The experience of the year 1881 as well as of 1880 fully confirms the opinion expressed by the Government of India that the excessive sickness and mortality of the immediately preceding years were not due to insufficient food.

Results in the several Provinces.

Convicts to general population.

9. The statement given in the margin† shows for the several Provinces the proportion to every 10,000 of the population (as ascertained by the last census) (1) of the average daily strength of the convicts, and (2) of the number of convicts admitted during the year 1881. This statement shows that the above proportion calculated either upon the average daily strength, or upon the total number of convicts admitted during the year, was far larger in the case of British Burma than elsewhere. The figures show that the several Provinces stand in the following order as regards the criminality of the population if the proportion to every 10,000 of the population is calculated (a) on the daily average strength of convicts throughout the year and (b) on the total number of convicts admitted during the year:—

Province.	Population	Average daily strength of convicts.	Number of convicts admitted during the year.	Proportion to every 10,000 of population	
				(a) of daily average strength.	(b) of number admitted during the year.
Madras ...	31,170,631	10,250	10,607	3·3	3·4
Bombay ...	16,454,414	9,410	18,025	5·7	10·9
Bengal ...	69,536,861	15,506	31,465	2·2	4·5
North-Western Provinces and Oudh.	44,107,869	26,477	38,776	6·0	8·8
Punjab ...	18,850,437	13,238	19,462	7·02	10·3
Central Provinces.	9,888,791	3,915	6,672	3·9	6·8
British Burma	3,736,771	4,550	7,270	12·2	19·5
Assam ...	4,981,426	1,356	3,427	2·8	7·02
Coorg ...	178,902	78	148	4·4	8·3
Hyderabad Assigned Districts.	2,872,873	1,239	1,698	4·6	6·3
Total ...	201,428,175	86,019	137,580	4·3	6·8

† Figures taken from General Form VII of the Census of 1881.

(a)	(b)
British Burma.	British Burma.
Punjab	Bombay.
North-Western Provinces and Oudh.	Punjab.
Bombay.	North-Western Provinces and Oudh.
Hyderabad Assigned Districts.	Coorg.
Coorg.	Assam.
Central Provinces.	Central Provinces.
Madras.	Hyderabad Assigned Districts.
Assam.	Bengal.
Bengal.	Madras.

* Home Department Resolution No. 3—114-24, dated the 3rd February 1882.

Broadly speaking, it may be said that the figures show the criminality of the population in British Burma, in Upper India, and in the Bombay Presidency to be relatively greater than in Southern India and in the Lower Provinces of Bengal where the minimum amount of criminality is reached. These results are probably in accordance with the facts.

Total Jail population in the year 1881 as compared with 1880.

10. The first of the tabular statements appended to this Resolution gives a general summary of the distribution of prisoners of all classes in the jails of British India during the year 1881. There was a general and uniform decrease in the number of prisoners admitted into jail as compared with the previous year, the Provinces in which the falling off was most marked being the following :—

Province.	Decrease.	Percentage.
Bombay	6,376	21·7
Bengal	4,652	5·6
Madras	3,163	16·1
Central Provinces	2,742	18·8
Hyderabad Assigned Districts ...	1,500	35·5

Similarly the daily average jail population decreased in the case of all Provinces except Assam (where there was a small increase of 31 or 2·12 per cent., which is attributed to a slightly larger number of long-term sentences), the proportionate decrease as compared with the previous year being greatest in Madras, Bombay and the Central Provinces, where it represented a percentage of 13·22, 13·41 and 14·94 respectively. The total number of prisoners in jail during the years 1880, 1881 and the daily average in the larger Presidencies or Provinces was—

Provinces.	Total number of prisoners.		Decrease.	Percentage of decrease.	Daily average number.		Decrease.	Percentage of decrease.
	1880.	1881.			1880.	1881.		
Madras	32,049	**27,986**	4,063	12·67	12,202	**10,589**	1,613	13·22
Bombay	41,738	**33,524**	8,214	19·67	11,371	**9,846**	1,525	13·41
Bengal	100,711	**95,009**	5,702	5·66	18,001	**16,746**	1,255	6·97
North-Western Provinces and Oudh	125,259	**122,784**	2,475	1·97	29,175	**28,067**	1,108	3·18
Punjab	65,189	**63,424**	1,755	2·69	14,673	**14,357**	316	2·15

The jail population of Northern India and the Lower Provinces was thus very considerably larger than that of Madras and Bombay, although the relative decrease in the numbers as compared with the previous year was greater in the case of the latter than in the former. The general decrease in the jail population during the year 1881 is probably to be attributed to favourable seasons and the generally prosperous condition of the people.

Convicts according to religion.

11. The following statement shows the distribution of the jail population (*i.e.*, of the convicts in jail on the 31st December 1881), according to religion as compared with the results of the census of

1881, under the general heads of Hindus, Muhammadans, and other classes :—

Province.	Population according to the Census of 1881.			Total number of convicts in Jail on December 31st, 1881.			Percentage of population, jail and free, to total population.			Percentage of jail population on December 31st, 1881, to total jail population on that day.		
	Hindus.	Muhammadans.	Others.	Hindus.	Muhammadans.	Others.	Hindus.	Muhammadans.	Others.	Hindus.	Muhammadans.	Others.
Madras	28,497,678	1,933,561	739,392	7,000	757	1,539	91·4	6·3	2·3	75·30	8·14	16·56
Bombay	12,308,582	3,021,131	1,124,701	5,127	3,491	210	74·8	18·4	6·8	58·07	39·54	2·39
Bengal	45,452,806	21,704,724	2,379,331	8,463	5,980	788	65·3	31·2	3·5	55·57	39·26	5·17
North-Western Provinces and Oudh.	38,053,394	5,922,886	131,589	20,492	4,227	40	86·2	13·5	·3	82·77	17·07	·16
Punjab	7,130,528	10,525,150	1,194,759	3,161	8,256	1,408	37·9	55·8	6·3	24·65	64·37	10·98
Central Provinces ...	7,317,830	275,773	2,245,188	2,549	463	932	74·3	2·8	22·9	64·63	11·74	23·63
British Burma ...	88,177	163,881	3,479,713	225	258	3,808	2·3	4·5	93·2	5·24	6·01	88·75
Coorg	162,489	12,541	3,272	38	23	18	91·1	7·0	1·9	48·10	29·12	22·78
Assam	3,062,148	1,317,022	502,256	613	546	198	62·8	26·9	10·3	45·17	40·24	14·59
Hyderabad Assigned Districts.	2,425,654	187,555	59,464	1,003	203	4	90·8	7·0	2·2	82·89	16·78	·33

These figures show that the number of Hindu convicts in jail at the close of the year 1881 bore in the case of all Provinces (except British Burma where peculiar conditions exist) a smaller percentage to the total jail population than the Hindu population in each Province bears to the total population, jail and free. On the other hand, the number of Muhammadans in jail on the 31st December 1881, as compared with the total jail population on that day, showed, in the case of all Provinces, a larger ratio than the ratio which the general Muhammadan population bears to the total population of the Province. In some cases, as for instance the Bombay Presidency, the Punjab, and some of the smaller Provinces, the differences which are thus shewn are very striking.

Convicts according to sex, age and previous occupation.

12. The distribution of the prison population according to sex, age and previous occupation does not call for any detailed remark. The figures contained in Statement No. 2 may be thus summarized :—

Sex, age and previous occupation of convicts in the jails of the several Provinces on the 31st December 1881.	Province.									
	Madras.	Bombay.	Bengal.	North-Western Provinces and Oudh.	Punjab.	Central Provinces.	British Burma.	Assam.	Coorg.	Hyderabad Assigned Districts.
Sex.										
Males	8,933	8,416	14,665	23,380	12,339	3,661	4,259	1,312	75	1,152
Females	363	412	566	1,379	486	283	32	45	4	59
Age.										
Under 16 years	108	142	94	277	172	46	11	1	2	9
Between 16 and 40 years	6,748	7,348	11,193	18,540	10,065	3,330	3,640	1,159	74	988
Ditto 40 and 60 years	2,198	1,197	3,289	4,960	2,372	528	611	185	3	186
Above 60 years	242	141	655	982	316	40	29	12	...	27
Previous occupation.										
Persons employed under Government, &c. ...	291	448	535	625	459	216	113	73	1	32
Persons engaged in agriculture, &c. ...	3,594	4,054	9,581	13,941	6,926	1,783	2,290	880	9	231
All other classes	5,048	3,314	4,549	8,814	4,954	1,662	1,856	359	65	889

The male prisoners in the case of all Provinces represented upwards of 90 per cent. of the total jail population, and the large bulk of the prisoners consisted everywhere, as might have been expected, of persons between 16 and 40 years of age. The number

of convicts in prison who were, previous to conviction, employed either under Government or by Municipal or other local authorities, amounted in the North-Western Provinces and Oudh to 625, or 2·67 per cent., of the jail population, in Bengal to 535, or 3·65 per cent. in the Punjab to 459, or 3·72 per cent., in Bombay to 448, or 5·32 per cent., and in Madras to 291, or 3·26 per cent. In all Provinces, except Madras, the Central Provinces, Coorg and the Hyderabad Assigned Districts, the bulk of the prison population on the 31st December 1881 was described as having belonged to the agricultural class.

Convicts according to length of sentence.

13. As regards the distribution of convicts according to length of sentence, the following figures show for the several Provinces the proportion to the total number of convicts in jail on the 31st December 1881, of convicts (1) who were sentenced to terms of imprisonment not exceeding five years, and (2) who were sentenced to terms of imprisonment exceeding five years or to transportation beyond the seas—

Length of sentence.	Madras.	Bombay.	Bengal.	North-Western Provinces and Oudh.	Punjab.	Central Provinces.	British Burma.	Assam.	Hyderabad Assigned Districts.
Convicts sentenced to terms of imprisonment not exceeding five years	66·24	80·60	82·63	86·60	88·22	87·55	83·29	90·86	80·24
Convicts sentenced to terms of imprisonment exceeding five years or to transportation beyond the seas...	33·76	19·40	17·37	13·40	11·78	12·45	16·71	9·14	19·76

It will be seen from the above figures that convicts under sentence of imprisonment for terms not exceeding five years were relatively most numerous in Assam and least numerous in Madras. In all other Provinces the number of such convicts represented upwards of 80 per cent. of the total jail population at the close of the year 1881. In the Madras Presidency the relative number of convicts under sentence for terms of imprisonment exceeding five years was far larger than in any other Province. The number of convicts on the 31st December 1881, who were working out sentences of transportation for a term of years or for life in the jails of the several Provinces was as follows :—

Length of transportation—sentences.	Madras.	Bombay.	Bengal.	North-Western Provinces and Oudh.	Punjab.	Central Provinces.	British Burma.	Coorg.	Assam.	Hyderabad Assigned Districts.
Number of convicts sentenced to transportation for a term ...	475	429	173	399	84	41	58	...	12	1
Number of convicts sentenced to transportation for life ...	445	316	273	486	306	40	46	...	13	15
Total ...	920	745	446	885	390	81	104	...	25	16

These figures show that the number of convicts under sentence of transportation was far larger in Madras, Bombay and the North-Western Provinces and Oudh than elsewhere. The proportion of

convicts on the 31st December 1881 under sentences of simple and rigorous imprisonment respectively was nearly identical in the several Provinces, convicts of the latter class forming in all cases upwards of 90 per cent. of the total prison population. The total number of convicts sentenced to death during the year 1881 was 104 as compared with 127 in the previous year. Of these no less than 37 were sentenced to death in the Punjab, 16 in the Bombay Presidency, 14 in the North-Western Provinces and Oudh, and 11 in Madras and Bengal respectively.

Previous convictions.

14. Statement No. 4 shows the number of convicts in the jails of the several Provinces at the close of the year 1881 who had been previously convicted. The proportion of such convicts to the total number was as follows :—

Province.	Male.	Female.	Total.
Madras	23·8	17·8	23·5
Bombay	15·2	7·3	14·7
Bengal	16·7	8·0	16·2
North-Western Provinces and Oudh ...	21·7	10·1	20·9
Punjab	12·9	6·0	12·6
Central Provinces	20·9	8·7	19·9
British Burma	17·2	2·4	16·8
Assam	13·0	5·6	12·7
Coorg	5·8	...	5·8

Prisoners recorded as having been previously convicted were thus relatively most numerous in Madras, the North-Western Provinces and Oudh, and the Central Provinces, and least numerous in Bombay, the Punjab, and Assam. The question of the measures which should be taken to ascertain the antecedents of persons brought to trial and to make the jail authorities acquainted after conviction with the fact that such persons have been previously convicted, is discussed in some of the departmental reports. It is believed that the rule generally in force is for previous convictions to be noted on the warrant sent by the committing Magistrate to the jail officers, who are also required, if it should come to their knowledge that any under-trial prisoner has been convicted before, to communicate the fact to the Magistrate. It is certainly desirable that every possible effort should be made both by the Magisterial, Police and Jail authorities to ascertain whether prisoners have been previously convicted, in order that, if convicted, they may be subjected in jail to such deterrent discipline as may appear necessary. In some Provinces a disposition is noticed on the part of Magistrates to pass inadequate sentences upon habitual offenders. This subject requires careful attention, as it is very undesirable that habitual offenders, especially those re-convicted of offences against property, should be too leniently dealt with either as regards the length of their sentences or the discipline to which they are subjected in jail.

15. The number of juvenile prisoners (under 16 years of age) confined during the year 1881, and the number of such prisoners who had been previously convicted in the several Provinces* was—

Juvenile prisoners.

Province.	Number confined during 1881.	Number previously convicted.
Madras	381	166
Bombay	500	92
Bengal	365	73
North-Western Provinces and Oudh	739	209
Punjab	364	78
Central Provinces	161	30
British Burma	121	13
Assam	21	1
Coorg	...	...
Hyderabad Assigned Districts	51	10
	2,703	672

It is noteworthy that out of the total number of juveniles confined during the year in the Madras Presidency and in the North-Western Provinces and Oudh, no less than 166, or 43·57 per cent., and 209, or 28·28 per cent., respectively, are entered as having been previously convicted. Up to the present time the Reformatory Schools Act (No. V of 1876) has only been extended by Local Governments to the Lower Provinces of Bengal and to British Burma, and Reformatory Schools under that Act have been established only in those Provinces—at Alipore and Hazaribagh in Bengal, and at Poungdeh in British Burma. The Governor General in Council desires to repeat the view recently expressed by the Government of India in a separate correspondence with the Government of the North-Western Provinces and Oudh that there is, perhaps, no project in connection with jail administration which is more worthy of attention than the establishment of proper reformatories for juvenile offenders. His Excellency in Council is aware that arrangements are at present made in some Provinces whereby juvenile convicts are to a greater or less extent segregated from adult prisoners, but the establishment of a reformatory for juvenile offenders is to be advocated not only as affording a means of separating such prisoners from adult criminals but also on other grounds, and especially because, until a separate reformatory has been established, it is impossible to pass sentences under the Reformatory Schools Act of 1876. Moreover, a separate reformatory, supervised by a special committee, affords exceptional facilities for providing a good industrial training for the inmates, and for making arrangements whereby youthful offenders may on release be satisfactorily settled in life. In these respects the experience gained in Bengal has abundantly shewn that the establishment of a reformatory is attended by very beneficial results which cannot be gained merely by providing for the segregation of juvenile offenders during the currency of their ordinary sentences.

* Column 5 of Statement No. 4.

16. It may be convenient here to notice the subject of the remissions of sentence which were allowed under the good conduct rules in the various Provinces. The figures for the year 1881 were as follows :—

Remissions.

Province.	Number of convicts who (a) gained remissions.	Number of convicts who (b) did not gain remissions, although eligible for remission under the good conduct rules.	Total number of convicts eligible for remission under the good conduct rules.	Percentage of (a) to the total number eligible for remission.	Percentage of (b) to the total number eligible for remission.
Madras	1,750	328	2,078	84·22	15·78
Bombay	212	1,373	1,585	13·38	86·62
Bengal	2,188	271	2,459	88·98	11·02
North-Western Provinces and Oudh	379	3,964	4,343	8·73	91·27
Punjab	347	756	1,103	31·46	68·54
Central Provinces ...	12	Not shewn	12	.....	.....
British Burma	102	Ditto	102	.....	.....
Assam	131	17	148	88·51	11·49
Coorg	.....	.....	.....	.....	.....
Hyderabad Assigned Districts...	5	.....	5	.....	.....
Total ...	3,124	6,709	11,835	43·21	56·79

The late Inspector General of Jails in the North-Western Provinces and Oudh has in his report for the year 1881 especially noticed that the rules under which remissions of sentence are granted for good conduct and industry appear to work very unequally in the different Provinces, and the above figures clearly show this to be the case. In Madras, Bengal and Assam, upwards of 80 per cent. of the total number of convicts entitled to remissions of sentence under the good conduct rules succeeded in gaining a remission, while in Bombay the percentage was only 13·38, in the North-Western Provinces and Oudh 8·73, and in the Punjab 31·46. The Governor General in Council is not aware of the precise rules which are in force in the several Provinces as regards remission of sentence; but, unless the figures are susceptible of some explanation, it appears to His Excellency in Council that they show the necessity for the revision of the existing rules in some cases. In a matter of this sort, although the rules in force in one Province may not be suited to the circumstances of another Province, and although it may be impossible and undesirable to attempt to secure any absolute uniformity of system, there seems to the Government of India to be no sufficient reason why such differences should exist as are above disclosed.

17. The manner in which the convicts in the several Provinces were employed during the year 1881 is shewn in Statement 5. The large majority of the convicts were in all cases employed

Employment of convicts.

upon manufactures, whereas the extra-mural employment of convicts on any extensive scale was only resorted to in Bombay, the Punjab and Assam. The figures under these heads for the year 1881 were—

Province.	Number of prisoners employed on manufactures.	Number of prisoners employed extramurally.
Madras	3,402	...
Bombay	3,081	2,154
Bengal	5,612	37
North-Western Provinces and Oudh	8,539	51
Punjab	6,349	903
Central Provinces	2,462	...
British Burma	2,548	...
Assam	234	232
Coorg	42	...
Hyderabad Assigned Districts	535	0·73

In the current year and for the future the above statistics will doubtless show a considerable difference under the operation of the orders recently* issued, in which it has been laid down that labour on public works should in future be looked upon as the principal mode of employing long-term prisoners throughout British India.

The percentage of the average number of effectives employed during the year 1881 as prison officers or as prison servants was as follows:—

Province.	Percentage of the average number of effectives employed as	
	Prison Officers.	Prison Servants.
Madras	10·1	16·2
Bombay	3·5	9·2
Bengal	5·4	10·9
North-Western Provinces and Oudh	3·3	14·3
Punjab	5·3	12·4
Central Provinces	2·5	10·9
British Burma...	3·9	7·9
Assam	4·3	12·6
Coorg	10·0	18·3
Hyderabad Assigned Districts	3·5	14·1

It is noteworthy that (excluding Coorg where the average daily strength was very small, being only 78 convicts) in the Madras Presidency only are convicts employed to any considerable extent as prison officers, while the percentage of convicts employed as prison servants varies to a greater or less extent, but exceeds 10 per cent. of the average number of effectives in the case of all Provinces except Bombay and British Burma. The departmental reports contain ample evidence of the fact that the employment of carefully selected prisoners as warders and in other capacities has been attended with satisfactory results, except in the case of British Burma where Burmese convicts are said not to form good warders.

* Home Department Resolution Nos. 20—1406 to 1419, dated the 22nd September 1882.

Under-trial and civil prisoners.

18. The figures given in the margin show the distribution of under-trial and civil prisoners in the jails of the several Provinces at the close of the year 1881. These figures do not require any detailed remark, but measures should be taken, where necessary, to provide against under-trial prisoners being detained in confinement for unduly long periods, and also to prevent their being subjected while in confinement to unnecessarily harsh treatment or to insufficient diet. The first of these points has been carefully dealt with by the Bengal Government in reviewing the jail report, and explanations have been called for from District Magistrates when the period of detention appeared to be unduly long. In the North-Western Provinces and Oudh it has been found necessary, at the instance of the late Inspector General of Jails, to invite the special attention of District Officers to the second of the above points, as there was reason to suppose that the treatment of under-trial prisoners was not in all cases what it should be. As regards civil prisoners it is observed that 37 female prisoners remained in jail at the close of 1881, as compared with 39 at the close of the previous year. The question of amending the law on this subject is now under the consideration of the Government of India.

Province.	Under-trial prisoners.	Civil prisoners.	Total.	Remarks.
Madras ...	152	152	304*	* Besides 57 security, insane, and State prisoners.
Bombay ...	131	182	313	
Bengal ...	888	248	1,136	
North-Western Provinces and Oudh.	1,236	210	1,446	
Punjab ...	853	81	934	
Central Provinces...	107	46	153	
British Burma ...	120	50	170	
Assam ...	101	24	125	
Coorg ...	15	2	17	
Hyderabad Assigned Districts.	11	9	20†	† Besides one lunatic.
Total ...	3,614	1,004	4,618	

Jail offences and punishments.

19. The offences committed by convicts and the punishments inflicted upon them are shewn in Statement No. 6. * The general results for the years 1880 and 1881 may be thus summarized:—

Province.		Criminal offences.	Breaches of jail rules.	Punishments inflicted. By Criminal Courts.	For Jail Offences. Solitary confinement.	Reduced diet.	Solitary confinement with reduced diet.	Corporal punishment.	Other punishments	Total punishments.	Ratio of total punishments to average number of convicts.
Madras ...	1880	19	5,871	19	60	2,262	329	1,511	1,689	5,890	49·74
	1881	11	5,377	11	129	2,685	297	768	1,698	5,588	54·51
Bombay ...	1880	45	4,641	44	75	90	1,818	1,561	995	4,583	42·3
	1881	38	2,403	38	76	67	676	806	771	2,434	25·9
Bengal ...	1880	81	61,032	76	2,590	16,314	2,417	4,735	35,876	62,008	371·90
	1881	111	49,638	101	2,463	9,411	2,258	914	34,593	49,740	320·77
North-Western Provinces and Oudh...	1880	37	8,761	37	488	1,189	1,447	4,777	860	8,798	31·79
	1881	42	7,093	42	582	1,027	1,378	3,422	684	7,135	26·95
Punjab ...	1880	23	1,979	29	524	116	424	899	10	2,002	15·9
	1881	21	2,111	25	552	212	197	1,106	40	2,132	16·0
Central Provinces ...	1880	25	5,382	32	118	1,727	208	1,371	1,955	5,411	118·23
	1881	18	5,077	23	145	1,251	646	953	2,077	5,095	130·13
British Burma ...	1880	21	4,000	37	118	1,431	493	1,793	149	4,021	87·85
	1881	47	3,366	58	76	468	2,085	603	123	3,413	75·01
Assam ...	1880	4	500	4	5	29	9	246	209	504	37·90
	1881	34	364	34	1	8	4	141	210	398	29·34
Coorg ...	1880	...	47	...	2	...	...	25	20	47	58·6
	1881	...	41	...	4	...	...	30	7	41	52·46
Hyderabad Assigned Districts ...	1880	...	275	...	22	21	45	137	50	275	20·61
	1881	5	428	5	22	72	110	177	26	412	33·25
Total ...	1880	8,628	93,288	278	4,023	23,179	7,190	17,057	41,813	93,539	101·2
	1881	8,246	76,098	337	4,050	15,201	7,651	8,920	40,229	76,388	88·8

As regards criminal offences, it is observed that a considerable increase took place during 1881 in Bengal, Assam and British Burma, but the figures under this head do not call for any detailed comment. The number of breaches of jail rules shows a decrease more or less considerable in the case of every Province except the Punjab and the Hyderabad Assigned Districts, the decrease being especially marked in Bombay and Bengal, and being due in a great measure to a falling off in the number of offences relating to work—in the case of Bombay from 2,809 offences in the previous year to 1,110, and in Bengal from 40,527 offences to 27,963. In connection with this subject the Governor General in Council notices that, in more than one of the departmental reports, remarks are made to the effect that the offence of having possession of forbidden articles is one which is frequently committed with the connivance, if not with the actual assistance, of subordinate officers of the Jail Department. This is doubtless true, and points to the great desirability of taking every possible step to improve the position and prospects of subordinate jail officials, and thereby to render it possible to procure the services of more trustworthy men. With this object Dr. Walker, the late Inspector General of Jails in the North-Western Provinces and Oudh, has been in correspondence with the Military Pension Department, in order, if practicable, to secure the services of military pensioners, not altogether incapacitated by old age, as warders and night watchmen. It is possible that this or some similar experiment might be successfully tried elsewhere. In the Lower Provinces of Bengal, the re-organization of the subordinate jail service has now been completed to the great improvement of the discipline and general administration.

20. As regards the punishments inflicted for breaches of prison discipline, the extent to which solitary confinement was resorted to increased during 1881 as compared with the previous year in all Provinces, except Bengal, British Burma, Assam and the Hyderabad Assigned Districts. In no case, however, was the increased use of this form of punishment considerable. The punishment of reduced diet was less freely resorted to in Bombay, the North-Western Provinces and Oudh, the Central Provinces, British Burma and Assam; and in the Lower Provinces of Bengal this form of punishment was inflicted in a very considerably smaller number of cases than in the previous year. The punishment of solitary confinement with reduced diet was used less freely than during the previous year in all Provinces except the Central Provinces, British Burma and the Hyderabad Assigned Districts. The question of corporal punishment for jail offences is being separately dealt with by the Government of India, and need not, therefore, be noticed here. The punishments of other kinds which were inflicted during 1881 do not show any very considerable variations as compared with the previous year, but the number of those punishments inflicted in the several Provinces shows large differences varying during the year 1881 in the larger Provinces from 40 in the Punjab to 34,593 in Bengal. The ratio of total punishments of all kinds to the average number of convicts during the year 1881 also varies very considerably, from a minimum of 16 per cent. in the Punjab to 320·77 per cent. in Bengal, where, under the strict system of record and supervision which has been introduced within the last few years, the number of jail offences is naturally far in excess of that formerly usual. It may be noted that separate enquiries are being made by the Government of India as to the extent to which, and the classes of cases in which, reduced diet is at present inflicted as a punishment for jail offences throughout British India, and whether any and what safeguards are applied to prevent this mode of punishment

from acting injuriously on the health of the prisoners. On this point it is only necessary for the Governor General in Council to observe here that the system of periodical weighments adopted in some Provinces appears to be attended by many advantages both in preventing the hasty punishment of prisoners for tasks that loss of weight may show to be beyond their strength, and at the same time furnishing a constant and much needed check upon the proper issue of rations by the jail subordinates. The subject of regulating by law or otherwise the minor penalties at present imposed by jail officials which are not separately shewn in the returns of the Jail Department, but are grouped together under the general head of "other punishments" is also under the separate consideration of the Governor General in Council.

Escapes.

21. The number of escapes, which occurred during 1881, from the jails of the several Provinces is shewn in the margin, the figures for the previous year being also inserted. These figures do not call for any detailed comment, but it may be observed that the escapes appear from the reports to be usually due to carelessness or breach of rule on the part of the subordinate officers of the Jail Department. The total number of convicts who escaped from jail during the year 1881 and previous years, and had not been recaptured on the 31st December 1881, amounted to 879.

Province.		Total convict population during 1881.	Remaining uncaptured on the 31st December 1880 of those who escaped during the previous ten years.	Escaped during the year.	Re-captured during the year.	Remained uncaptured on the 31st December 1881.	Percentage of escapes during the year to total convict population.
Madras ...	1881	21,761	46	2	6	42	·009
	1880	24,185	48	26	22	52	·10
Bombay ...	1881	28,451	130	31	22	139	·10
	1880	35,036	135	50	36	149	·14
Bengal ...	1881	47,749	250	37	33	254	·07
	1880	50,535	297	40	36	301	·07
North-Western Provinces and Oudh ...	1881	65,599	110	21	13	118	·03
	1880	67,762	115	19	20	114	·03
Punjab ...	1881	32,973	55	15	7	63	·04
	1880	34,950	52	23	19	56	·06
Central Provinces ...	1881	10,847	60	9	9	60	·08
	1880	13,061	58	27	25	60	·02
British Burma ...	1881	11,917	86	6	2	90	·05
	1880	11,907	106	2	3	105	·01
Assam	1881	4,748	89	25	23	91	·52
	1880	4,925	87	24	22	89	·5
Coorg	1881	238	13	1	1	13	·42
	1880	239	13	...	...	13	...
Hyderabad Assigned Districts ...	1881	3,102	10	1	2	9	·03
	1880	3,852	15	3	2	16	·07
TOTAL ...	1881	227,385	849	148	118	879	·06
	1880	246,452	926	214	185	955	·08

Gross cost of guarding and maintenance, and net cost to Government.

22. Particulars as to the gross and net expenditure incurred during the year 1881 in guarding and maintaining the prisoners of all classes in the jails of British India will be found in Statements Nos. 7 and 8. As regards (a) the total cost per head of average strength and (b) the net cost per head of all convicts, the several Provinces stand in the following order (excluding Coorg where the number of prisoners is so small as to make any average misleading) :—

Province.	Total cost per head of average strength.	Province.	Net cost per head of all convicts.
Madras ...	72 10 0	Assam ...	70 8 0
Assam ...	72 8 8	Madras ...	61 4 0
British Burma ...	71 6 0	British Burma ...	52 9 0
Bombay ...	62 1 10	Punjab ...	52 0 0
Berar ...	59 7 11	Berar ...	51 2 0
Punjab ...	59 2 5	Bombay ...	42 0 0
Bengal ...	54 6 10	Central Provinces	30 11 0
Central Provinces	45 8 8	Bengal ...	30 7 0
N.-W. P. & Oudh	35 15 5	N.-W. P. & Oudh	30 0 0

The above figures show that the total cost per head of prisoners of all classes, and the net cost per head of all convicts, is smallest in

the North-Western Provinces and Oudh, Bengal and the Central Provinces, and largest in Madras, Assam and British Burma; the details given in Statement 7 show that the large cost per head in Madras, British Burma and Assam is chiefly due to the high cost of rations per head of average strength in those Provinces. In Assam, moreover, the cost of police guard and of clothing per head is much higher than elsewhere. In all cases (except Coorg) the cost of rations per head, which is lowest in the North-Western Provinces and Oudh (Rs. 14-2-0), shows a substantial decrease as compared with the previous year. In the North-Western Provinces and Oudh, the comparative smallness of the total cost per head of average strength points to the fact that the Jail Department in those Provinces has been administered in a very economical manner. On this point the Governor General in Council concurs in the view expressed by the Local Government in reviewing the jail report for the year 1881 that the results are extremely satisfactory, and bear ample evidence to the care and watchfulness bestowed by Dr. Walker, the late Inspector General of Jails in those Provinces, on the working of the local Jail Department. As regards the cost of rations, Dr. Walker explains in his report that much has been done to reduce expenditure by the use of cereals common to the districts in which the jails are situated, by the apportioning of the diet scale according to the terms of the convicts, by the purchase and storage of grain in the cheap season, and by economy in the fuel used in the jail kitchens. It is unnecessary to discuss at any length the question of jail manufactures, as it has been recently very fully considered by the Government of India, and orders have been issued whereby the manufacturing operations to be in future carried on in Indian jails will be very restricted in extent. It may, however, be observed that the net proceeds of jail manufactures during the year 1881 exceeded four lakhs of rupees in Bengal, two lakhs in Bombay, and one lakh in Madras, the North-Western Provinces and Oudh and the Punjab.

Sickness and mortality—Madras and Bombay.

23. As regards the relative amount of sickness and mortality amongst the prisoners of the several Presidencies and of individual Provinces, full details will be found given in the Annual Report of the Sanitary Commissioner with the Government of India, which will shortly be published and to which reference may be made for information as to details. A few of the more salient features of the year's history in regard to these questions are, however, given below. Of the three Presidencies, the Madras returns are, on the whole, the most favourable, though as regards the mortality the percentage was identical in Bombay and Madras, viz., 4·2. In the Bengal Presidency, the ratio was slightly higher, 4·4 per cent. The average number of convicts in the Madras Presidency during 1881 was less than half what it was during 1878, and the death-rate was only one-third what it was during the same period. The principal results of the year under review, so far as the vital statistics of the jails of the Presidency are concerned, are given in the accompanying marginal table, in

Year.	Madras Presidency. Ratio per cent.			Bombay Presidency. Ratio per cent.		
	Admissions.	Daily sick.	Deaths.	Admissions.	Daily sick.	Deaths.
1877	96	4·1	17·6	93	2·8	5·4
1878	94	5·2	12·5	132	4·3	11·8
1879	88	4·7	5·6	125	5·1	10·9
1880	85	3·8	4·5	115	4·1	4·6
1881	78	2·8	4·2	107	3·4	4·2

which, also, will be found the figures for the four preceding years. A similar statement has been prepared as regards Bombay, which, for convenience of comparison, has been placed alongside that of Madras.

Bengal Presidency.

Of the five Provinces in Bengal, the jails of the North-Western Provinces and Oudh have furnished the most favourable statistics. The death-rate in these combined Provinces was only 2·4 per cent., or nearly one-half the ratio returned by the jails of the Presidency as a whole. The Central Provinces yielded the next most favourable death-rate, 2·9 per cent. of the average strength, against 6·0 per cent. in 1880. The admission and daily sick-rates were also low in both these Provinces. Assam stands third on the list as regards the mortality, 3·9 against 5·2 in 1880. In 1881, the amount of sickness, as inferred from the admission-rate, was, however, slightly greater than it was in 1880. The table in the margin shews that in each of these three Provinces a marked decrease has taken place under nearly all the headings during 1881, as compared with the rates for 1878 and 1879. In the remaining two Provinces also—Lower Bengal and the Punjab—a marked decrease in the mortality ratios has been recorded, though the percentage of deaths for both Provinces, 6·5, continues to be still very high. In the Punjab, there is a decrease under this heading as compared with 1880; but in Lower Bengal there is a slight increase both in the death-rate and in the admissions into hospital. Indeed, an examination of the statistics of Bengal jails during the last decade shews that sickness, as gauged by the admission and daily sick-rates, was more prevalent among the prisoners of this Province during 1881 than in any of the previous ten years, and that the death-rate in 1881 was also higher than in any of those years, with the exception of 1878 and 1879. The unfavourable results of the year cannot be ascribed to excessive prevalence of cholera, for, with the exception of the two years just cited, the mortality from this cause was less than it had been for many years. In view of this unsatisfactory condition of the health of the prisoners in the Lower Provinces, the Government of India have suggested to the Government of Bengal the desirability of appointing a small Committee of specially qualified officers to enquire carefully into the whole subject.

Bengal Presidency.

Year.	Lower Bengal. Per cent.			Assam. Per cent.			N.-W. Provinces and Oudh. Per cent.			Punjab. Per cent.			Central Provinces. Per cent.		
	Admissions into Hospital.	Daily sick.	Deaths.	Admissions into Hospital.	Daily sick.	Deaths.	Admissions into Hospital.	Daily sick.	Deaths.	Admissions into Hospital.	Daily sick.	Deaths.	Admissions into Hospital.	Daily sick.	Deaths.
1877 ...	135	4·0	5·0	138	4·0	5·6	55*	2·1*	1·8*	150	3·8	3·3	90	3·7	4·5
1878 ...	129	4·3	7·0	163	5·1	6·1	74*	2·9*	4·1*	219	6·6	10·9	114	4·8	11·8
1879 ...	157	5·1	9·7	143	4·6	8·6	99	4·0	4·2	173	5·7	14·0	86	3·6	6·7
1880 ...	154	5·2	6·3	117	4·3	5·2	73	3·1	2·8	135	4·2	7·8	97	3·9	6·0
1881...	157	5·2	6·5	130	4·2	3·9	76	3·2	2·4	151	4·8	6·5	79	2·9	2·9

* From the Local Reports.

Burma and the Hyderabad Assigned Districts.

The results in Burma and in the Hyderabad Assigned Districts do not call for special remark. The mortality amongst the prisoners

of the latter Province was exceedingly low, only 1·6 per cent.; and as regards Burma, the death-rate, 4·5, though higher than the low rate for 1880, was in great part due to an epidemic of cholera in the Moulmein Jail, and to an epidemic of Beri Beri at Thayetmyo. Were the deaths from these two causes excluded from the computation, the death-rate of the year for the jails of the Province would be only 2·6 per cent.

Year.	British Burma.			Hyderabad Assigned Districts.		
	Ratio per cent.			Ratio per cent.		
	Admissions.	Daily sick.	Deaths.	Admissions.	Daily sick.	Deaths.
1877 ...	84	3·9	5·6	93	2·6	1·5
1878 ...	89	4·1	5·7	128	4·4	7·5
1879 ...	66	2·9	3·2	95	2·6	2·7
1880 ...	87	3·0	2·4	94	3·3	3·5
1881 ...	**88**	**3·6**	**4·6**	**82**	**2·4**	**1·6**

24. On the whole, the departmental reports on the administration of the jails throughout British India for the year 1881 appear to the Governor General in Council to show generally satisfactory results, and in some respects decided progress as compared with the previous year. There must, of course, be many matters connected with jail administration in regard to which much room for improvement still exists, and which can only be gradually provided for, but His Excellency in Council is satisfied that these matters will not be lost sight of by Local Governments and Administrations, and that, as opportunity offers, the necessary steps will be taken to place them on a proper footing. One of the best means of ascertaining and remedying existing defects is, without doubt, the frequent and periodical inspection of jails either by the local head of the Department or by the official visitors, and the Government of India trust that steps will, where necessary, be taken by Local Governments and Administrations to insist upon this important duty being everywhere performed in a systematic and careful manner.

Order.—Ordered that a copy be forwarded to all Local Governments and Administrations for information and guidance, and that the Resolution be published in the Supplement to the *Gazette of India*.

(True Extract.)

F. C. DAUKES,
for *Secretary to the Government of India.*

Statements appended to Home Department Resolution No. 28—1757-67, dated the 12th December 1882.

No.

GENERAL SUMMARY SHOWING the DISTRIBUTION of the PRISONERS

1	2			3			4			5		
Name of Province.	Places of confinement.			Prisoners remained at the commencement of the year.			Prisoners received during the year.			Total.		
	Central Jails.	District Jails.	Lock-ups.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
Madras	7	27	...	11,107	436	11,543	15,104	1,339	16,443	26,211	1,775	27,986
Bombay	1	26*	78	10,037	493	10,530	21,307	1,687	22,994	31,344	2,180	33,524
Bengal	8	44	83	16,609	696	17,305	73,898	3,806	77,704	90,507	4,502	95,009
North-Western Provinces and Oudh.	7	45	29	26,550	1,567	28,117	87,983	6,684	94,667	114,533	8,251	122,784
Punjab	2	33	18	13,985	572	14,557	46,517	2,350	48,867	60,502	2,922	63,424
Central Provinces ...	3	16	...	3,992	358	4,350	10,521	1,282	11,803	14,513	1,640	16,153
British Burma ...	2	6	6	4,766	58	4,824	11,528	417	11,945	16,294	475	16,769
Assam	...	4	17	1,388	57	1,445	6,815	347	7,162	8,203	404	8,607
Coorg	...	1	7	96	4	100	684	54	738	780	58	838
Hyderabad Assigned Districts.	2	4	...	1,385	61	1,446	2,558	165	2,723	3,943	226	4,169
Total ...	32	206	238	89,915	4,302	94,217	276,915	18,131	295,046	366,830	22,433	389,263

* Including two extramural gangs.

1.

of ALL CLASSES in the JAILS of BRITISH INDIA during the YEAR 1881.

6			7			8			Name of Province.
Discharged from all causes.			Remained at the end of the year.			Total daily average of prisoners in the whole Province.			
Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	
16,940	1,389	18,329	9,271	386	9,657	10,184	405	10,589	Madras.
22,532	1,749	24,281	8,812	431	9,243	9,397	449	9,846	Bombay.
74,748	3,894	78,649	15,759	608	16,367	16,082	664	16,746	Bengal.
89,777	6,802	96,572	24,756	1,449	26,205	26,452	1,615	28,067	North-Western Provinces and Oudh.
47,269	2,396	49,665	13,233	526	13,759	13,782	575	14,357	Punjab.
10,709	1,347	12,056	3,804	293	4,097	3,755	310	4,065	Central Provinces.
11,870	438	12,308	4,424	37	4,461	4,665	61	4,726	British Burma.
6,776	349	7,125	1,427	55	1,482	1,408	53	1,461	Assam.
690	52	742	90	6	96	86	4	90	Coorg.
2,773	165	2,938	1,170	61	1,231	1,215	56	1,271	Hyderabad Assigned Districts.
284,084	18,581	302,665	82,746	3,852	86,598	87,026	4,192	91,218	Total.

No.

2.

STATEMENT SHOWING the RELIGION, AGE, and PREVIOUS OCCUPATION of the CONVICTS in the JAILS of BRITISH INDIA on 31st DECEMBER 1881.

1	2														3								4												
	RELIGION.														AGE.								PREVIOUS OCCUPATION.												
	A						B		C		D		E		A		B		C		D		MALES.							FEMALES.					
	Christian.						Muhammadans.		Hindus.		Buddhists and Jains.		All other classes.		Under 16.		16 to 40.		40 to 60		Above 60.		Persons employed under Government or Municipal or other local authorities.	Professional persons.	Persons in service or performing personal offices.	*Persons engaged in agriculture and with animals.*	Persons engaged in commerce and trade.	Persons employed in mechanical arts, manufactures and engineering operations, &c.	Miscellaneous. Persons not classed otherwise.	Married.	Unmarried.	Widows.	Prostitutes.	
Name of Province.	*a* Europeans.		*b* Eurasians.		*c* Natives.																														Name of Province.
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.													
Madras	38	...	19	1	154	11	723	34	6,721	279	192	1	1,086	37	103	6	6,484	264	2,119	79	228	14	291	389	427	3,594	877	375	2,980	145	28	160	30	Madras.
Bombay	21	...	3	...	69	3	3,122	69	4,790	337	77	3	34	...	134	8	7,034	314	1,109	88	139	2	448	89	869	4,654	586	1,105	665	250	11	137	14	Bombay.
Bengal	38	...	31	...	27	2	5,803	177	8,088	375	66	1	612	11	86	8	10,769	424	3,179	110	631	24	535	500	1,243	9,581	743	682	1,381	196	7	247	116	Bengal.
North-Western Provinces and Oudh.	7	1	6	...	19	1	4,056	171	19,286	1,206	6	...	...	...	264	13	17,570	970	4,624	336	922	60	625	2,056	1,630	13,941	578	223	4,327	804	42	482	51	North-Western Provinces and Oudh.
Punjab	9	...	6	...	3	...	7,967	289	3,020	141	...	...	1,334	56	102	10	9,698	367	2,174	98	305	11	459	748	732	6,926	506	133	2,835	347	13	114	12	Punjab.
Central Provinces	2	...	2	...	13	1	442	21	2,337	212	6	...	859	49	43	3	3,088	242	493	35	37	3	216	26	448	1,783	273	284	631	185	12	75	11	Central Provinces.
British Burma	48	...	13	...	3	...	256	2	225	...	3,376	27	338	3	10	1	3,615	25	605	6	29	...	113	16	119	2,290	319	227	1,175	20	4	7	1	British Burma.
Assam	...	...	...	...	3	...	530	16	590	23	3	...	186	6	1	...	1,122	37	177	8	12	...	73	83	86	880	37	41	162	30	1	9	5	Assam.
Berar	...	...	...	...	2	...	194	9	954	49	2	...	...	...	8	1	944	44	175	11	25	2	32	2	64	231	64	37	722	50	...	4	4	Berar.
Coorg	...	...	1	...	3	...	22	1	35	3	...	...	14	...	1	1	71	3	3	...	...	...	1	...	42	9	23	...	...	...	...	4	...	Coorg.
Total ...	163	1	81	1	296	18	23,415	789	46,046	2,625	3,728	32	4,463	162	811	51	60,395	2,690	14,658	771	2,328	116	2,793	3,859	5,660	43,889	4,006	3,107	14,878	2,037	118	1,239	244	Total.

No. 3.

STATEMENT SHOWING the CONVICTS in the JAILS of BRITISH INDIA on the 31st DECEMBER 1881 according to the NATURE and LENGTH of SENTENCE.

1	2												3				
	Classes according to length of sentence.												Nature of imprisonment.				
	A		B		C		D		E		F		G	H		I	A	B	
Name of Province.	Not exceeding one month.		Above one month and not exceeding six months.		Above six months and not exceeding one year.		Above one year and not exceeding two years.		Above two years and not exceeding five years.		Above five years and not exceeding ten years.		Exceeding ten years.	Sentenced to transportation beyond seas.		Sentenced to death.	Simple imprisonment.	Rigorous imprisonment.	Name of Province.
														For life.	For a term.				
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	M.	M.	M.	M.	M.	
Madras	28	6	1,627	138	850	36	915	49	2,430	72	2,061	30	123	418	471	10	61	8,768	Madras.
Bombay	162	17	1,395	96	1,299	51	1,931	71	1,989	92	807	34	117	288	412	16	57	8,359	Bombay.
Bengal	565	30	2,934	165	2,277	87	3,224	113	3,070	112	1,952	35	208	259	166	10	133	14,532	Bengal.
North-Western Provinces and Oudh ...	634	63	4,269	364	4,693	232	5,976	297	4,679	223	2,015	91	296	433	371	14	172	23,208	North-Western Provinces and Oudh.
Punjab	130	17	2,084	105	2,379	83	3,715	88	2,600	81	950	37	127	239	80	35	145	12,194	Punjab.
Central Provinces ...	95	27	917	94	564	34	733	45	881	56	345	19	44	35	39	8	Not shown		Central Provinces.
British Burma ...	119	4	899	9	716	4	1,008	5	802	3	518	3	91	43	58	5	Not shown		British Burma.
Assam	68	5	300	9	211	6	347	9	272	6	92	5	2	11	9	...	3	1,309	Assam.
Berar	49	6	171	20	136	4	265	5	298	16	204	3	16	12	...	1	3	1,149	Berar.
Coorg	...	...	17	2	14	1	18	1	17	...	9	...	...	...	...	...	Not shown		Coorg.
Total ...	1,850	175	14,613	1,002	13,139	538	18,132	683	17,038	661	8,953	257	1,024	1,738	1,606	99	574	69,519	Total.

No. 4.

STATEMENT SHOWING the CONVICTS in the JAILS of BRITISH INDIA during the YEAR 1881 *who had been PREVIOUSLY CONVICTED.*

1	2			3						4			5				
				Number previously convicted.									Juvenile prisoners (under 16 years of age, Section 318, Criminal Procedure Code).				
				A		B		C		D			A		B		
Name of Province.	Total number of convicts.			Once.		Twice.		More than twice.		Total.			Number imprisoned.		Number previously convicted.		Name of Province.
	M.	F.	Total.	M.	F.	M.	F.	M.	F.	M.	F.	Total.	M.	F.	M.	F.	
Madras	20,414	1,347	21,761	3,063	120	1,014	61	801	60	4,878	241	5,119	342	39	154	12	Madras.
Bombay	26,605	1,846	28,451	2,171	69	628	21	606	21	3,405	111	3,516	447	53	89	3	Bombay.
Bengal	45,530	2,219	47,749	5,681	133	1,173	22	750	24	7,604	179	7,783	332	33	72	1	Bengal.
North-Western Provinces and Oudh.	60,840	4,759	65,599	7,978	308	3,215	125	2,045	50	13,238	483	13,721	670	69	202	7	North-Western Provinces and Oudh.
Punjab	31,433	1,540	32,973	2,674	54	835	18	556	21	4,065	93	4,158	349	15	78	...	Punjab.
Central Provinces ...	9,619	1,228	10,847	1,203	76	398	22	413	10	2,014	108	2,122	143	18	29	1	Central Provinces.
British Burma	11,630	287	11,917	1,448	6	396	...	161	1	2,005	7	2,012	113	8	12	1	British Burma.
Assam	4,554	194	4,748	464	8	111	2	21	1	596	11	607	21	...	1	...	Assam.
Berar	2,913	189	3,102	339	3	126	2	98	1	563	12	575	48	...	10	...	Berar.
Coorg	227	11	238	13	...	2	...	...	...	15	...	15	...	...	...	...	Coorg.
Total ...	213,765	13,620	227,385	25,034	777	7,898	273	5,451	189	38,383	1,245	39,628	2,465	238	647	25	Total.

No.

STATEMENT SHOWING the EMPLOYMENT of the CONVICTS

1	2	3	4	EMPLOY	
				A	
Name of Province.	Average number sentenced to labour.	Average number not sentenced to labour.	Average number of effectives.	On unremunerative labour.	Prison Officers.
Madras	9,716	129	9,143	515	929
Bombay	9,321	89	8,656	195	306
Bengal	15,274	161	13,671	339	742
North-Western Provinces and Oudh ...	22,417	263	20,213	61	680
Punjab	11,588	156	10,474	...	555
Central Provinces	3,805	45	3,599	21	92
British Burma	3,677	30	3,466	151	136
Assam	1,354	9	1,271	...	55
Berar	1,011	21	942	17	33
Coorg	63	1	60	...	6
Total ...	78,024	904	71,495	1,299	3,534

5.

in the JAILS of BRITISH INDIA during the YEAR 1881.

5					6			
MENTS.					Ratio per cent. on column 4 of those employed.			
B	C	D	E	F				
Prison Servants.	Building and repairing Jail.	On Jail garden.	On manufactures.	Extramural.	As Prison Officers.	As Prison Servants.	On manufactures.	Name of Province.
1,484	910	854	3,402	...	10·1	16·2	37·2	Madras.
796	470	744	3,081	2,154	3·5	9 2	35·6	Bombay.
1,497	4,108	905	5,612	37	5·4	10·9	41·05	Bengal.
2,900	5,614	1,695	8,539	51	3·3	14·3	42·2	North-Western Provinces and Oudh.
1,303	600	510	6,349	903	5·3	12·4	60·6	Punjab.
394	252	117	2,462	...	2·5	10·9	68·4	Central Provinces.
275	270	110	2,548	...	3·9	7·9	73·5	British Burma.
161	466	84	234	232	4·3	12·6	18·4	Assam.
133	70	83	535	0·73	3·5	14·1	56·8	Berar.
11	8	3	42	...	10·0	18·3	70·0	Coorg.
8,954	12,768	5,105	32,804	3,377·73	4·9	12·5	45·9	Total.

No. 6.

STATEMENT SHOWING the OFFENCES COMMITTED by the CONVICTS, and the PUNISHMENTS INFLICTED on THEM, in the JAILS of the SEVERAL PROVINCES DURING the YEAR 1881.

1		2			3			4										5																		6	7
								BREACHES OF JAIL RULES.										PUNISHMENTS INFLICTED.																					
																		A			B—By Jail Officers.														C		
																		By criminal courts.			a Solitary confinement.			b Reduced diet.			c Solitary confinement with reduced diet.			d	e Other punishments.						
Province.		Average number of convicts.			Criminal offences.			Smoking or having possession of forbidden articles.			Offences relating to work.			Other offences against prison discipline.			Total.												Corporal punishment.				Total punishments.	Ratio of column 5 C of column 2.	
		M.	F.	Total.	M.	F.	Total	M.	F.	Total.	M.	F.	Total.	M.	F.	Total.	M.	M.	F.	Total.	M.	F.	Total.	M.	F.	Total.	M.	F.	Total.	M.	F.	Total.	M.	F.	Total.			
Madras	1881	9862	387	10250	11	...	11	1,363	16	1,379	1,530	33	1,563	2,515	118	2,633	5,408	11	...	11	121	8	129	2,552	133	2,685	276	21	297	768	1,691	7	1,698	5,588	54·51	1881
	1880	11402	438·19	11840·54	19	...	19	1,338	27	1,365	1,686	57	1,743	2,601	162	2,763	5,625	19	...	19	68	12	80	2,071	191	2,262	303	26	329	1,511	1,672	17	1,689	5,890	49·74	1880
Bombay	1881	8985	125	9110	38	...	38	456	2	458	1,068	42	1,110	750	85	835	2,274	38	...	38	66	10	76	61	6	67	637	39	676	806	697	74	771	2,434	25·9	1881
	1880	10315	512	10827	41	1	45	431	3	434	2,788	21	2,809	1,121	177	1,298	4,310	43	1	44	63	12	75	90	...	90	1,751	67	1,818	1,561	873	122	995	4,583	42·3	1880
Bengal	1881	14899	600	15500	107	4	111	3,686	25	3,711	26,990	973	27,963	17,219	745	17,964	17,895	1,743	99	2	101	2,335	128	2,463	8,684	727	9,411	2,159	99	2,258	914	33,804	789	34,593	49,740	320·77	1881
	1880	16009·08	663·88	16672·96	81	...	81	3,641	49	3,690	38,910	1,617	40,527	16,981	731	17,715	59,53?	2,400	76	...	76	2,121	169	2,290	15,671	643	16,314	1,871	546	2,417	4,735	34,834	1,042	35,876	62,008	371·90	1880
North-Western Provinces and Oudh	1881	24949	1527	26477	38	4	42	924	...	924	2,712	76	2,788	3,197	184	3,381	6,833	260	38	4	42	544	38	582	929	98	1,027	1,274	104	1,378	3,422	664	20	684	7,135	26·95	1881
	1880	26039·50	1633·25	27672·75	36	1	37	1,281	9	1,290	3,429	106	3,535	3,789	147	3,936	8,500	262	36	1	37	451	37	488	1,088	101	1,189	1,331	116	1,447	4,777	852	8	860	8,798	31·79	1880
Punjab	1881	12717	521	13238	21	...	21	470	4	483	932	20	952	649	27	676	2,060	51	24	1	25	521	28	552	203	9	212	184	13	197	1,106	40	...	40	2,132	16·	1881
	1880	12971	494	13465	23	...	23	469	10	479	919	26	945	529	26	555	1,917	62	29	...	29	480	44	524	110	6	116	412	12	424	899	10	...	10	2,002	15·	1880
Central Provinces	1881	3615	300	3915	16	2	18	428	3	431	3,341	101	3,442	1,087	117	1,204	4,856	221	21	2	23	123	22	145	1,080	171	1,251	637	9	646	953	2,059	18	2,077	5,095	130·13	1881
	1880	4208·66	376·43	4585·09	25	...	25	506	7	513	3,299	170	3,469	1,236	164	1,400	5,041	341	32	...	32	90	28	118	1,507	220	1,727	168	40	208	1,371	1,903	52	1,955	5,411	118·23	1880
British Burma	1881	4503	47	4550	47	...	47	774	...	774	919	...	919	1,667	6	1,673	3,360	6	58	...	58	72	4	76	468	...	468	2,083	2	2,085	603	123	...	123	3,413	75·01	1881
	1880	4,525	52	4,577	21	...	21	793	1	794	1,320	...	1,320	1,881	5	1,886	3,994	6	37	...	37	117	1	118	1,426	5	1,431	493	...	493	1,793	149	...	149	4,021	87·85	1880
Assam	1881	1310	46	1356	34	...	34	83	...	83	123	2	125	146	10	156	352	12	34	...	34	1	...	1	6	2	8	4	...	4	141	200	10	210	398	29·34	1881
	1880	1285·13	44·34	1329·47	4	...	4	118	7	125	192	4	196	173	6	179	493	17	4	...	4	5	...	5	24	5	29	9	...	9	248	197	12	209	504	37·90	1880
Coorg	1881	75	3	78	...	...	...	16	1	17	7	1	8	14	2	16	37	4	...	...	...	...	4	4	...	...	...	...	...	...	30	7	...	7	41	52·46	1881
	1880	78·61	4·12	83·03	...	...	...	13	...	13	6	1	7	25	2	27	44	3	...	...	...	...	2	2	...	...	...	...	...	...	25	19	1	20	47	56·6	1880
Hyderabad Assigned Districts	1881	1185	53	1239	5	...	5	37	...	37	283	4	287	99	5	104	419	9	5	...	5	19	3	22	68	4	72	108	2	110	177	26	...	26	412	33·25	1881
	1880	1273·29	61·24	1334·53	...	...	...	38	...	38	112	...	112	117	8	125	267	8	...	...	...	21	1	22	21	...	21	45	...	45	137	43	7	50	275	20·61	1880
Total	1881	82101	3918	86019	317	10	327	8,246	51	8,297	37,905	1,264	39,169	27,343	1,299	28,642	73,491	2,604	328	9	337	3,805	245	4,050	14,051	1,150	15,201	7,362	289	7,651	8,920	39,311	918	40,229	76,388	88·8	1881
	1880	88107·62	4279·75	92387·37	253	2	255	8,628	113	8,741	52,661	2,002	54,663	28,453	1,431	29,884	89,742	3,540	276	2	278	3,716	306	4,022	22,008	1,171	23,179	6,393	807	7,190	17,057	40,552	1,261	41,813	93,539	101·2	1880

7
PROVINCE.
Madras.
Bombay.
Bengal.
North-Western Provinces and Oudh.
Punjab.
Central Provinces.
British Burma.
Assam.
Coorg.
Hyderabad Assigned Districts.
Total.

No.

7.

STATEMENT SHOWING the EXPENDITURE in GUARDING and MAINTAINING the PRISONERS of all CLASSES in THE JAILS of BRITISH INDIA during the YEAR 1881 *(EXCLUDING COST of BUILDING NEW JAILS, of ADDITIONS, ALTERATIONS or REPAIRS).*

1	2	3	4	5	6	7	8	9	
Name of Province.	Cost of rations per head of average strength.	Cost to establishment per head of average strength.	Cost of police guard per head of average strength.	Cost of all hospital charges per head of average strength.	Cost of clothing per head of average strength.	Cost of contingencies per head of average strength.	Total cost per head of average strength.	Grand total expended.	Name of Province.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs.	
Madras	35 3 6	17 15 10	12 5 1	1 11 7	2 6 9	2 15 3	72 10 0	7,59,645	Madras.
Bombay	23 12 4	23 4 7	6 6 8	1 11 11	2 10 2	4 4 2	62 1 10	6,11,577	Bombay.
Bengal	17 12 8	23 13 6	2 6 4	2 4 5	3 3 6	4 14 5	54 6 10	9,10,377	Bengal.
North-Western Provinces and Oudh	14 2 0	13 11 5	3 2 1	1 0 11	2 1 10	1 13 2	35 15 5	9,77,146	North-Western Provinces and Oudh.
Punjab	22 8 8	18 8 10	5 12 9	2 4 0	4 13 11	5 2 3	59 2 5	8,29,586	Punjab.
Central Provinces	14 4 6	16 13 5	5 10 10	1 5 9	3 6 8	3 15 6	45 8 8	1,84,748	Central Provinces.
British Burma	31 6 11	21 8 6	9 6 5	3 5 4	2 0 8	3 10 2	71 6 0	3,35,334	British Burma.
Assam	29 10 3	13 10 10	16 11 2	1 3 3	6 9 4	4 11 10	72 8 8	1,05,518	Assam.
Berar	24 0 3	16 10 11	7 7 8	1 10 0	4 4 4	5 6 9	59 7 11	75,428	Berar.
Coorg	51 4 0	27 2 9	19 15 3	1 6 8	4 7 3	12 9 5	116 12 2	10,313	Coorg.
Total ...	26 6 6	19 5 3	8 14 9	1 12 9	3 9 7	4 15 1	64 15 11	47,99,672	Total.

No. 8.

STATEMENT SHOWING the NET COST of PRISONERS in the JAILS of BRITISH INDIA during the YEAR 1881.

1	2	3	4	5	6	7	8	9	
NAME OF PROVINCE.	Cost of maintenance.	Expenditure on manufactures (drawings from Treasury).	Cash receipts from manufactures (payment into Treasury by cash and invoice).	Excess of payments over drawings.	Excess of drawings over payments.	Net cost to Government.	Net cost per head of all convicts.	Net cost per head of convicts sentenced to labour.	NAME of PROVINCE.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs. As. P.	Rs. As. P.	
Madras	7,59,645	2,68,896	4,00,581	1,31,685	...	6,27,960	61 4 0	64 10 0	Madras.
Bombay	6,11,577	1,56,993	3,60,714	2,03,721	...	4,07,856	42 0 0	43 12 0	Bombay.
Bengal	9,10,377	6,84,082	11,21,935	4,37,853	...	4,72,524	30 7 0	30 14 0	Bengal.
North-Western Provinces and Oudh ...	9,77,146	3,20,654	5,09,397	1,88,743	...	7,88,403	30 0 0	35 2 0	North-Western Provinces and Oudh.
Punjab	8,29,586	3,51,580	4,91,951	1,40,371	...	6,89,215	52 0 0	60 8 0	Punjab.
Central Provinces	1,84,748	1,87,250	2,51,844	64,594	...	1,20,154	30 11 0	31 9 0	Central Provinces.
British Burma	3,35,334	2,81,721	3,77,917	96,196	...	2,39,138	52 9 0	65 0 0	British Burma.
Assam	1,05,518	24,579	34,527	9,948	...	95,570	70 8 0	70 9 0	Assam.
Berar	75,428	37,199	49,246	12,047	...	63,381	51 2 0	62 11 0	Berar.
Coorg	10,314	5,993	9,798	3,805	...	6,509	82 6 0	103 5 0	Coorg.
TOTAL ...	47,99,673	23,18,947	36,07,910	12,88,963	...	35,10,710	40 10 0	44 15 0	TOTAL.

No.

STATEMENT SHEWING the SICKNESS and MORTALITY among the

1	*2	*3	*4	*5	*6	*7
NAME OF PROVINCE.	Number of persons that can be accommodated in the parts of the Jails devoted to convicts.	Average daily strength.	Maximum population on any one day.	Number admitted into Hospital.	Daily average number of sick.	Number of deaths in and out of Hospital.
Madras	13,682	10,250	12,835	7,733	309	434
Bombay	9,411	9,410	11,074	7,321	308	404
Bengal	21,767	15,506	19,627	26,311	849	1,065
North-Western Provinces and Oudh	29,525	26,477	30,189	21,099	864	620
Punjab	13,994	13,238	15,798	20,895	661	883
Central Provinces	4,868	3,915	4,467	3,181	116	118
British Burma	5,086	4,550	5,238	4,248	165	205
Assam	1,477	1,356	1,892	1,907	53	58
Coorg	82	78	83	170	3	5
Hyderabad Assigned Districts	1,093	1,239	1,474	1,039	29	20
	100,985	86,019	102,677	93,904	3,357	3,812

* From the Local Reports.
† From Annual Report of Sanitary Commissioner with the Government

9.

CONVICTS in the JAILS of BRITISH INDIA during the YEAR 1881.

†8					
RATIO PER CENT. OF AVERAGE STRENGTH.					
A	B	C	D	E	NAME OF PROVINCE.
Of admissions into Hospital.	Of daily average number of sick.	Of deaths from cholera.	Of deaths from all other causes both in and out of Hospital.	Of deaths from all causes both in and out of Hospital.	
73·6	2·8	·3	3·8	4·2	Madras.
107·5	3·4	·3	3·8	4·2	Bombay.
157·2	5·2	·5	6·0	6·5	Bengal.
76·4	3·2	·1	2·2	2·4	North-Western Provinces and Oudh.
[illegible]	4·6	[illegible]	5·9	6·9	Punjab.
79·0	3·9	...	2·9	2·9	Central Provinces.
88·2	3·6	·8	3·7	4·6	British Burma.
130·5	4·2	·7	3·2	3·9	Assam.
*217·5	*4·09	*...	*6·3	*6·3	Coorg.
33·6	2·4	·07	1·5	1·6	Hyderabad Assigned Districts.
[illegible]	‡5·4	‡0·3	‡4·1	‡4·4	

* [illegible] ‡ include convicts in Mysore and the Andamans.

DEPARTMENT OF FINANCE AND COMMERCE.

SUPPLEMENT TO THE STATEMENT OF PRICES CURRENT OF FOOD-GRAINS FOR THE 1st HALF OF NOVEMBER 1882 PUBLISHED IN PAGES 1748, 1749, 1750 AND 1751 OF THE SUPPLEMENT TO THE "GAZETTE OF INDIA," DATED 9th DECEMBER 1882.

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

Districts.	Wheat.			Barley.			Rice. Best sort.			Rice. Common.			Great Millet (Cholum, Jowar), *Holcus Sorghum*.			Bairush Millet (Cumboo, Bajra), *Penicillaria Spicata*.			Lesser Millets, Ragi, &c. (Kavaru, Veragoo, Sawee, Cheena, Coraloo, Murhwa, Nuglee, &c.), *Panicum Miliaceum, Eleusine Coracana*, &c.			Gram.			Firewood.			Salt. Wholesale.			Salt. Retail.		
	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.
	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.
1st half of Novebmer 1882.																																	
Nagpur	17 12	17 4	16 12	...	...	...	9 12	9 12	8 8	16 0	17 4	14 4	25 12	25 12	31 0	...	...	...	...	...	...	18 0	18 0	23 12	150 0	150 0	110 0	12 0	12 0	10 0	11 12	11 12	9 12
Bhandára	19 8	19 8	22 0	...	...	...	9 12	9 12	10 0	23 4	23 12	18 0	24 0	23 12	24 12	...	...	...	...	...	...	22 8	22 12	25 8	...	...	...	11 0	11 0	9 8	10 12	10 12	9 0
Chánda	19 4	20 0	19 8	...	...	...	...	...	...	16 0	16 0	14 10	27 0	26 0	37 0	...	...	...	...	...	...	27 0	28 0	23 0	360 0	360 0	360 0	...	...	...	11 0	10 0	8 0
Wardha	19 0	19 8	21 0	...	...	...	9 8	10 0	8 12	12 4	14 0	12 4	22 0	24 0	32 0	...	...	...	...	...	...	18 0	20 8	20 8	135 0	130 0	130 0	12 8	12 0	10 12	12 0	11 8	10 8
Nimghát	17 0	17 0	25 0	...	...	...	15 0	15 0	16 0	28 0	28 0	27 0	...	...	...	...	...	...	...	...	...	30 0	30 0	35 0	275 0	275 0	275 0	10 0	10 0	...	10 0	10 0	8 0
Jubbulpore	17 12	18 0	20 3	20 0	26 0	17 8	11 0	11 0	10 0	15 0	16 0	15 0	28 0	26 0	28 8	18 0	17 8	18 8	...	...	...	29 0	28 0	34 0	120 0	120 0	110 0	11 12	11 10	...	11 6	11 4	9 0
Sangor	19 0	20 0	31 0	...	...	...	10 0	9 0	8 0	11 0	10 0	9 0	...	...	...	...	...	...	...	...	...	26 0	25 0	39 0	160 0	160 0	120 0	8 12	8 12	...	8 8	8 8	7 8
Damoh	22 8	23 8	39 0	...	...	...	13 8	13 8	13 8	14 8	14 8	8 ...	...	...	...	...	...	...	...	...	59 0	31 0	31 0	53 0	200 0	200 0	200 0	9 8	10 0	7 4	9 4	9 8	7 0
Seoni	17 8	17 8	23 0	...	...	...	12 8	12 8	13 0	17 8	17 0	20 0	...	...	...	...	...	...	...	...	...	17 8	18 0	35 0	220 0	220 0	230 0	11 8	11 8	7 0	11 4	11 4	6 12
Mandala	20 0	21 0	29 0	...	...	...	16 0	16 0	15 8	22 0	22 0	21 8	...	...	...	...	...	...	25 0	25 0	40 0	34 0	34 0	70 0	256 0	256 0	256 0	0 ...	...	...	9 0	8 0	7 8
Betúl	20 0	21 0	29 0	...	...	...	16 0	16 0	15 8	22 0	22 0	21 8	...	...	...	...	...	...	16 0	15 0	21 0	16 0	16 0	40 0	240 0	240 0	240 0	9 8	8 9	8 9	8 9	8 0	9 0
Chhindwára	16 0	15 0	20 0	...	...	...	12 0	12 0	12 0	13 0	13 0	13 0	21 0	20 0	40 0	...	...	...	18 0	18 0	28 0	18 0	20 0	39 0	200 0	200 0	200 0	9 8	8 9	8 9	8 9	8 0	9 0
Hoshangabad	16 0	16 8	27 0	...	...	...	10 0	10 0	13 0	13 0	15 0	12 0	21 0	22 0	39 0	...	...	...	...	...	...	20 0	20 0	39 0	200 0	200 0	200 0	9 8	8 9	8 9	8 9	8 0	9 0
Narsinghpur	15 7	15 7	18 4	...	...	...	5 0	4 8	4 0	13 0	11 4	10 4	24 0	24 0	4 ...	...	...	...	23 12	24 4	17 12	...	...	...	160 0	160 0	120 0	10 8	9 8	...	10 0	9 0	5 2
Hoshangabad	16 8	16 8	20 8	...	...	...	10 0	10 0	10 8	13 0	13 0	12 0	...	...	...	...	...	...	...	...	...	22 12	21 10	31 8	160 0	160 0	120 0	10 8	9 8	...	10 12	10 12	8 12
Narsinghpur	16 0	16 0	16 0	...	...	...	...	...	...	13 0	13 0	11 8	30 0	30 0	45 0	24 0	24 0	36 10	...	...	...	26 8	26 8	37 0	160 0	160 0	160 0	11 0	11 0	...	12 12	12 12	10 0
Sirdi	16 0	16 0	16 0	...	...	...	...	...	...	13 0	13 0	12 0	...	...	...	...	...	...	...	...	...	19 0	18 10	27 8	120 0	120 0	160 0	13 0	13 0	10 7	12 12	12 12	10 0
Hoshangabad	29 8	26 0	40 0	...	...	...	21 0	20 0	28 0	27 0	26 0	42 0	...	...	...	...	...	...	...	...	...	31 8	29 0	28 0	0 64	0 64	0 60	0 9	4 9	4 7	12 8	12 8	7 4
Betúl	19 13	21 0	25 0	...	...	...	35 0	35 0	40 0	44 0	44 0	45 0	...	...	...	...	...	...	...	...	...	24 0	24 0	24 0	110 0	110 0	230 0	11 0	11 0	10 0	10 0	10 0	9 8
Nagpur	42 0	42 0	64 0	...	...	...	36 0	36 0	60 0	54 0	54 0	62 0	...	...	...	...	...	...	140 0	140 0	160 0	49 0	45 0	58 0	130 0	130 0	120 0	...	...	...	8 0	8 0	6 8
Bhandára																																	
Chánda																																	
Wardha																																	
Nimghát																																	
Jubbulpore																																	
Sangor																																	
Damoh																																	
Seoni																																	
Mandala																																	
Betúl																																	
Chhindwára																																	
Hoshangabad																																	
Narsinghpur																																	
Sirdi																																	
Hoshangabad																																	
Betúl																																	
Nagpur	13 10	13 10	11 0	...	...	...	3 4	3 4	3 0	6 10	6 8	6 12	...	...	...	...	...	...	...	...	...	19 0	20 4	18 4	...	...	...	...	...	...	11 8	11 8	11 8

COMMISSARIAT DEPARTMENT OF FINANCE AND COMMERCE,
(Supplementary Branch.)

D. M. BARBOUR,
Secretary to the Government of India.

GOVERNMENT OF INDIA.
PUBLIC WORKS DEPARTMENT.
IRRIGATION BRANCH.

IRRIGATION OPERATIONS IN BENGAL FOR 1882-83.

Areas leased for cultivation up to end of September 1882.

Circle.	District.	Canal.	Supply of Water in the Canals. Estimated full discharge in cubic feet per second.	Average in cubic feet per second throughout the month.	Estimated charge utilized.	Khanif. Five-year leases. Leased in September 1882.	Leased up to end of September 1882.	Total, inclusive of unexpired leases of previous years.	Khanif. Three-year leases. Leased in September 1882.	Leased up to end of September 1882.	Total, inclusive of unexpired leases of previous years.	Khanif. Annual leases. Leased in September 1882.	Leased up to end of September 1882.	Rabi. Three-year leases. Leased up to end of September 1882.	Total, inclusive of unexpired leases of previous years.	Rabi. Annual leases. Leased in September 1882.	Leased up to end of September 1882.	Sugarcane. Leased in September 1882.	Leased up to end of September 1882.	Grand Total. Kharif.	Rabi.	Sugarcane.	Total.	Grand total of the corresponding month of last year.	Rainfall. Inches during the month.	Inches during 1882-83.	Average of the ten previous years of the same period.	Remarks.
			c. ft.	c. ft.	c. ft.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Ins.	Ins.	Ins.	
Orissa	Cuttack	Kendrapara	1,268	827·40	...	...	...	40,061	...	...	13,607	...	...	...	...	98	2,933	11	70	53,668	2,933	70	56,691	55,334				
		Patamoondee	1,042	466·70	...	...	...	11,373	...	...	795	...	...	...	...	...	149	...	...	12,068	149	...	12,217	12,565				
		High Level, Section I	675	244·64	...	...	...	13,897	...	...	626	...	...	...	...	...	67	...	8	14,213	67	8	14,288	14,022	16·81	74·23	10·18	
		Taldanda	1,200	575·00	...	...	...	10,075	...	...	932	...	...	...	...	...	336	...	36	11,008	336	36	11,380	10,719				
	Balasore	Matchgong	630	437·00	...	...	...	25,209	...	...	6,197	...	...	...	...	...	519	...	77	31,466	519	77	32,062	28,890				
		High Level, Section II	737·16	180·59	...	...	...	204	...	...	1,178	...	...	...	...	...	...	21	117	1,380	...	117	1,497	1,433				
	Total of the month		...	...	...	...	...	100,469	...	...	23,334	...	...	...	...	98	4,004	32	308	123,823	4,004	308	128,135	122,963	16·81	74·23	10·18	
	Total of the corresponding month of previous year		...	...	...	...	...	100,373	5,643	6,109	18,772	...	...	...	...	...	5,351	21	267	117,546	5,351	267	122,963	...	15·20	57·71	9·63	
South-Western	Midnapore	Midnapore	375	220	...	465	11,223	91,458	...	...	...	...	...	...	...	...	...	...	...	81,452	...	...	81,452	90,496	9·37	54·11	46·61	
	Howrah	Panchkoorah	200	168	...	77	1,723	12,017	...	...	...	...	...	...	...	...	...	...	...	12,017	...	...	12,017	13,367	7·56	40·15	47·62	
	Total of the month		...	...	...	542	12,946	93,469	...	...	...	...	...	...	...	...	...	...	...	93,469	...	...	93,469	103,863	16·93	94·26	94·23	
	Total of the corresponding month of previous year		...	...	...	...	337	103,757	...	—194	105	...	...	...	...	...	...	...	...	103,862	...	...	103,862	...	9·48	135·49	92·39	
Sone	Shahabad	Western Main	4,343	2,176	...	416	1,959	2,353	...	...	...	486	1,220	...	...	...	...	...	1,220	5,426	...	1,220	6,646	4,933	2·53	21·08	32·48	
		Buxar	1,226	562	...	...	3,606	6,122	...	...	...	3,479	5,047	...	...	...	...	66	3,207	29,706	...	3,207	23,913	16,011				
		Arrah	1,660	1,321	...	1,025	13,446	44,440	...	...	...	4,647	4,528	...	3,347	...	...	...	4,528	63,363	3,347	4,528	71,738	51,894	2·79	29·13	34·47	
	Patna and Gya	Eastern Main	1,466	823	...	...	98	314	...	...	...	10	35	...	...	...	...	...	35	440	...	35	475	166	3·76	28·95	33·56	
		Patna				1,564	2,339	8,983	...	...	...	1,123	1,285	...	...	...	...	...	1,285	16,082	...	1,285	19,367	9,831				
	Total of the month		...	...	...	2,990	19,383	62,192	...	...	...	9,765	12,115	...	3,347	...	...	66	10,275	108,517	3,347	10,275	122,139	82,905	9·08	79·16	100·51	
	Total of the corresponding month of previous year		...	...	...	2,068	33,596	28,748	...	...	6,986	1,178	2,002	...	...	...	...	2	13,839	69,066	...	13,839	82,905	...	12·24	114·63	114·93	
	Grand total of the month		...	...	...	3,541	33,330	256,150	...	...	23,334	9,765	12,115	...	3,347	98	4,004	98	10,583	325,809	7,351	10,583	343,743	309,730	42·82	247·65	204·92	
	Grand total of the corresponding month of previous year		...	...	...	2,068	33,833	233,078	5,643	6,915	33,863	1,178	2,002	...	...	...	5,351	23	14,106	290,273	5,351	14,106	309,730	...	36·92	307·83	216·95	

The 15th November 1882.

C. W. ODLING,
Asst. Secy. to the Govt. of Bengal in the P. W. Dept.

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SUPPLEMENT TO

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Nº 51.} CALCUTTA, SATURDAY, DECEMBER 23, 1882.

OFFICIAL PAPERS.

A SUPPLEMENT *to the* GAZETTE OF INDIA *will be published from time to time, containing such Official Papers and information as the Government of India may deem to be of interest to the Public, and such as may usefully be made known.*

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GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

CIVIL WORKS.

Irrigation.

REVIEW OF ADMINISTRATION REPORT OF IRRIGATION WORKS IN MADRAS FOR 1881-82.

Nos. 457—64I., dated Fort William, the 21st December, 1882.

RESOLUTION—By the Government of India, Public Works Department.

Read—

Administration Report of Irrigation Works in Madras for 1881-82.

OBSERVATIONS.—The Government of India has much pleasure in acknowledging the promptness with which this report has been submitted and the complete and careful manner in which it has been drawn up. Although the figures representing outlay refer to the official year ending on the 31st March, and those giving the irrigated area and revenue to the revenue year ending on the 30th June 1882, the interval is a season during which but little cultivation is carried on, and, for all practical purposes, the comparison of expenditure and income is sufficiently correct.

2. During 1881-82 the Sangam Project was added to the number of irrigation schemes sanctioned as Productive Public Works, which are now six in number, as noted in the margin. The number of Irrigation and Navigation Works under other main and sub-heads remain as in 1880-81.

1. Godavari Delta Works.
2. Kistna „ „
3. Penner Anikat „
4. Kavari Delta „
5. Srivaikuntham Anikat Works.
6. Sangam Anikat „

3. The direct Capital outlay is compared below with the allotments for 1881-82:—

—	No. of works in class.	Grant for 1881-82.	Expenditure during 1881-82.
		R	R
Productive Public Works	6	4,58,530*	3,95,135
Irrigation and Navigation Works for which Capital and Revenue Accounts are kept	3	89,057	87,263

* Includes R98,280 allotted for Commamur canal of Kistna Delta.

The short outlay under "Productive Works" occurred almost entirely on the Sangam Anikat Works owing to the difficulty experienced in obtaining labor and the necessity for revising several estimates.

4. The Capital outlay (direct and indirect) to the end of the year on the six Productive Public Works amounted to R2,07,83,046; the gross revenue assessed (including share of enhanced land revenue due to the works) to R39,26,472; the maintenance charges, direct and indirect (including charges for collection in Civil Department) to R10,40,661, and the net revenue to R28,85,811, yielding 13·9 per cent. on the total Capital outlay to the end of the year.

	R
Godavari Works	1,07,95,332
Kistna „	56,73,820
Penner „	16,65,159
Kavari „	11,19,277
Srivaikuntham Works	12,98,151
Sangam „	2,31,307
TOTAL .	2,07,83,046

5. The Capital outlay (direct and indirect) incurred up to the end of the year on the three Irrigation and Navigation Works, for which Capital and Revenue Accounts are kept, amounted to R29,24,961; the gross revenue including share of enhanced land revenue to R1,54,652; the maintenance charges of all kinds to R1,14,844, and the net revenue to R39,808, yielding 1·36 per cent. on the total Capital outlay to the end of the year.

	R
Chambrambakam Tank . . .	7,36,800
Palar Anikat Works	18,23,827
Palandorai Anikat Works . . .	3,64,334
TOTAL .	29,24,961

6. The area irrigated by the Productive Public Works during 1881-82 amounted to 1,781,798 acres, and the irrigation revenue credited to the works as water-rate to R31,62,920, showing an incidence per acre of R1·77. The area irrigated by the other Irrigation and Navigation Works, including those for which neither Capital nor Revenue Accounts are kept, amounted to 2,401,632 acres and the irrigation revenue credited to the works as water-rate to R78,00,798, shewing an incidence per acre of R3·25. The difference in the value to the land of the water delivered by the two classes of works is remarkable and is explained in para. 13.

7. The total area taken up for irrigation of the first crop of rice on the Godavari Works amounted to 523,992 acres during the revenue year 1881-82, the area irrigable by the completed works being 612,000 acres, and 28,426 acres were double-cropped against 20,087 acres in 1880-81.

The gross income derived from the works amounted to R17,92,530;* the maintenance charges to R4,41,820,† and the net revenue to R13,50,710, yielding 12·5 per cent. interest on the Capital outlay (R1,07,95,332) to the end of the year. The net revenue exceeded the interest charges of the year by R9,91,876, and the surplus revenue in excess of interest charges payable up to the end of the year, amounted to

	R
* Direct receipts, Revenue Department.	15,83,710
„ „ Public Works „ .	99,949
Indirect receipts	1,58,871
TOTAL .	17,92,530
† Direct charges	2,97,078
Indirect „	22,877
Charges for collection	1,21,865
TOTAL .	4,41,820

R1,48,33,447, that is, 37 per cent. more than the total Capital outlay to the same date.

The navigation receipts and charges of 1881 are compared below with those of 1880 and previous years:—

—	Receipts.	Charges.	Excess charges.
	R	R	R
Average of years 1876 to 1879 inclusive . . .	50,357	65,972	15,615
„ „ 1880 „ . . .	51,315	76,301	24,986
„ „ 1881 „ . . .	55,670	79,610	23,940

The freshes in the Godavari commenced in the middle of June 1881, and were moderate throughout the rainy season, but the supply of water was ample up to the end of September when it fell short, and during October and November water was very deficient, the harvest suffering considerably in consequence in some parts of the delta.

8. The area irrigated on the Kistna Canals, during the year under review, amounted to 287,027 acres, the total area irrigable by the completed works being 475,000 acres.

The gross revenue amounted to R10,43,782,* the maintenance charges to R3,30,653,† and the net revenue to R7,13,129, yielding 12·5 per cent. interest on the capital outlay (R 56,73,820) to end of the year. The net revenue exceeded the interest charges of the year by R4,88,451, and the surplus revenue, in excess of interest charges payable up to the end of the year, amounted to R52,02,265, or 91·7 per cent. of

	R
* Direct receipts, Revenue Department.	8,75,643
„ „ Public Works „	39,577
Indirect receipts	1,28,562
TOTAL .	10,43,782
† Direct charges	2,43,070
Indirect „	15,280
Charges for collection . . .	72,303
TOTAL .	3,30,653

to the same date.

The irrigation receipts and charges of 1881 are compared below with those of 1880 and previous years:—

	Receipts.	Charges.	Excess charges.
	R	R	R
Average of years 1876 to 1879 inclusive . . .	18,266	30,079	11,853
1880	23,834	41,787	17,953
1881	21,788	68,384	46,596

The large increase in charges during 1881 is due to unusually heavy expenditure on silt clearances.

The season was on the whole a fair average one. The river commenced to rise on 9th June 1881; there was a scarcity of water, for a short time, during the end of October, but the completion of a temporary stone "bund" on the crest of the "anikat," and rain, early in November, prevented any loss of crops.

9. The area irrigated by the Penner Anikat System amounted to 57,207 acres; the gross revenue amounted to R1,41,431; the maintenance charges to R49,280, and the net revenue to R92,151, or 5½ per cent. on the total capital outlay (R16,65,159) to the end of the year.

The cultivation dependent on the "anikat" was fairly supplied with water, but the harvest was below the average.

The river rose steadily and continued to flow over the anikat from the 23rd August to 18th December, except for a period of 16 days in the end of October, when the water was very low. The highest flood of 1881 rose to 4·87 feet on the crest of the anikat, the highest recorded flood having risen to 18·37 feet on October 26th, 1874.

10. Acres 897,221 were irrigated by the Kavari Delta Works during 1881-82, being 85,143 acres more than in the preceding year. The gross revenue derived from these works amounted to R8,75,763,* the maintenance charges to R1,91,201,† and the net revenue to R6,84,562, or 61 per cent. on the capital outlay (R11,19,277) to the end of the year. The net revenue exceeded the interest charges of the year by R6,43,875, and the surplus revenue, after payment of interest and all other charges up to the end of the year, amounted to R1,87,19,263, very nearly 17 times the amount of capital expended on the works.

	R
* Direct receipts, Revenue Department.	588,160
" " Public Works "	10,964
Indirect revenue	1,36,045
Old maintenance charges saved .	1,40,294
TOTAL .	8,75,763
† Direct charges	1,29,915
Indirect "	9,122
Charges for collection in Civil Department.	52,164
TOTAL .	1,91,201

The season was throughout favorable for cultivation, the heavy rain of the north-east monsoon during December 1881 supplementing the deficiency of water in the river, and preventing any injury to the crop.

11. The areas of "first" and "second" crop irrigated from the Srivaikunthan Anikat were, respectively, 18,770 acres and 15,680 acres during 1881-82, the areas of 1880-81 having been 17,856 and 15,705 acres, and the irrigable area being 33,500 acres. The gross revenue amounted to R72,986, and the maintenance charges to R27,994, leaving a net revenue of R44,992, or 3·46 per cent. on the total capital outlay (R12,98,151), incurre dup to the end of the year.

During the south-west monsoon the supply in the Tambrapurni river was very limited, and much difficulty was experienced in irrigating the crops dependent on the anikat, indeed much of the land produced little else but straw. The supply during the north-east monsoon was ample. This work is the lowest weir on the river and has hitherto only been able to pick up what little water was passed down from seven other weirs above it, but, under the orders of Government, the distribution of the water to the several channels was placed under the charge of the Public Works Department from the 1st April 1881, and arrangements are being made to regulate fairly the allotment of the available supply.

12. The Sangam Anikat System will extend irrigation to the northern portion of the delta, of which the Penner Anikat irrigates the southern portion. The weir will be situated about 20 miles above the Penner Anikat, and the supply in the river being intermittent, the water will be stored in two large reservoirs having an aggregate capacity of about 7,500 millions of cubic feet. The works have only lately been commenced, R2,31,307 having been spent, up to the end of 1881-82, out of a sanctioned outlay of R30,26,056.

13. The incidence per acre irrigated of the direct irrigation revenue, credited in the Civil Department, is compared below for the several systems of Productive Public Works—

	R
Godavari	2·92
Kistna	3·05
Penner	1·80
Kavari	0·66
Srivaikuntham	1·81

The extremely low rate of incidence on the large area watered by the Kavari works explains the difference commented on in para. 6.

14. The following statement gives the figures of chief interest in connection with the three systems of Irrigation and Navigation Works, for which Capital and Revenue Accounts are kept—

NAME OF WORK.	Capital outlay to end of 1881-82.	1881-82.		Net revenue.	Net return on Capital outlay Per cent.	Area irrigated.	Sums included in gross revenue on account of "old maintenance charges saved."
		Gross revenue.	Maintenance charges.				
	R	R	R	R	R	Acres.	R
Chambrambakam Tank.	7,36,800	43,618	7,949	35,669	4·84	12,623	7,145
Palar Anikat Works .	18,23,827	1,10,856	39,795	71,031	3·89	66,560	4,101
Pelandorai ditto . .	3,64,334	208	67,100	-66,892	...	2,155	155

The average incidence of water-rate on each acre irrigated from the Chambrambakam Tank and the Palar Anikat was R1·62.

The deficiency of revenue on the Pelandorai Anikat System was due to the want of water in the Vellar river across which the anikat is built. The area returned as irrigated was watered from the few tanks which received a good supply from local rainfall, independently of the Government works.

15. The direct outlay during 1881-82 upon irrigation works for which neither "Capital nor Revenue Accounts" are kept, amounted to R10,11,908 against a grant of R10,76,092. Of the total outlay R1,66,745 were expended on extensions and improvements of existing works, and the balance on maintenance and establishments. Acres 2,179,012 of first crop rice, and 361,331 acres of second crop, yielding an irrigation revenue of R76,73,229, were dependent on these works, the average incidence of the irrigation revenue being a small fraction over 3 rupees per acre.

16. The direct outlay upon agricultural works during the year amounted to R3,48,579 against a final allotment of R3,74,588.

17. Rupees 59,882 were debited against a grant of R60,000 under the head of Protective Public Works. Of this amount, however, R47,000 were merely transferred to "Provincial" on account of the Buckingham Canal, the balance of expenditure having been incurred on surveys for new Protective Works.

18. The rainfall of the south-west monsoon was below and that of the north-east monsoon in most places considerably less than the fall of the previous year. The floods in the rivers were moderate, but the irrigation supplied from them was generally good and sufficient. The cultivation dependent on rain-fed tanks was, on the contrary, in most cases insufficiently watered.

19. The Madras Irrigation and Canal Company's works were taken over by Government in July of the present year. Rupees 89,725 were expended on Capital Account during 1881-82, and the direct Capital outlay to the end of the year amounted to R1,17,58,802. The operations of the year proved, as usual, hopelessly unremunerative, the gross receipts amounting to only R85,922 against an outlay of R1,70,909. The areas supplied with water and the irrigation revenue are given in the margin for 1881-82 and the four previous years. R51,924 were expended on maintenance and repairs, and R1,18,555 on pay of establishments, including a charge of R51,924 for "general management."

Year.	Area.	Revenue.
	Acres.	R
1877-78 . . .	50,918	1,49,616
1878-79 . . .	18,386	81,831
1879-80 . . .	19,005	75,013
1880-81 . . .	18,001	59,175
1881-82 . . .	24,683	77,436

ORDER.—Ordered, that a copy of the Resolution be forwarded to the Government of Madras for information.

Also that a copy of the Resolution be forwarded to Local Governments and Administrations marginally noted for information.

The Governments of Bombay, Bengal, North-Western Provinces and Oudh, and the Punjab, in the Public Works Department.
The Chief Commissioner, Central Provinces.
The Agent to Governor General for Rajputana.

Also that a copy be forwarded to the Publisher of the *Gazette of India* for publication in the supplement to the Gazette.

H. A. BROWNLOW, *Colonel, R.E.,*
Depy. Secretary to the Govt. of India.

GOVERNMENT OF INDIA.

REVENUE AND AGRICULTURAL DEPARTMENT.

ABSTRACT SHOWING THE RESULT OF EMIGRATION FROM THE PORT OF CALCUTTA DURING THE MONTH OF SEPTEMBER 1882.

No. 1.—As to age and sex.

	Trinidad.				Mauritius.				Total.		Grand Total.	Remarks.
	Males.	Females.	Total	Proportion of women to men.	Males.	Females.	Total.	Proportion of women to men.	Males	Females.		
Under 2 years .	18	13	31	43 11 women to every 100 men.	5	6	11	45·85 women to every 100 men.	23	19	42	
From 2 to 10 years	25	21	46		17	16	33		42	37	79	
„ 10 to 20 „ .	103	38	141		56	31	87		159	69	228	
„ 20 to 30 „ .	218	100	318		131	43	174		349	143	492*	
„ 30 to 40 „ .	12	5	17		17	18	35		29	23	52	
„ 40 to 50 „ .	1	1	2		1	2	3		2	3	5	
Above 50 „ .	...	...	...		...	...	...		...	...	...	
GRAND TOTAL .	377	178	555	...	227	116	343	...	604	294	898	

No. 2.—As to places whence emigrants came to Calcutta for embarkation.

Orissa . . .	...	...	...	...	...	...	...	...	...	...	...
Western Bengal .	...	1	1	...	4	2	6	...	4	3	7
Central ditto . .	1	...	1	...	4	3	7	...	5	3	8
Eastern ditto . .	...	...	...	...	3	...	3	...	3	...	3
Behar . . .	21	15	36	...	99	51	150	...	120	66	186
N.-W. Provinces .	224	111	335	...	95	35	130	...	319	146	465
Oudh . . .	117	44	161	...	19	23	42	...	136	67	203
Central India . .	4	7	11	...	...	...	...	...	4	7	11
Punjab . . .	5	...	5	...	1	2	3	...	6	2	8
Nepal . . .	2	...	2	..	...	...	...	...	2	...	2
Mixed, Madras and Bombay, &c.	3	...	3	...	2	...	2	...	5	...	5
GRAND TOTAL .	377	178	555	...	227	116	343	...	604	294	898

No 3.—As to caste and religion.

Brahmins, high caste	78	46	124	...	42	11	53	...	120	57	177
HINDUS. Agriculturists .	111	34	145	...	66	25	91	...	177	59	236
HINDUS. Artisans . .	25	8	33	...	10	6	16	...	35	14	49
HINDUS. Low castes .	109	51	160	...	59	41	100	...	168	92	260
Musulmans . .	54	39	93	...	50	33	83	...	104	72	176
Christians . .	...	...	...	...	...	...	...	...	...	...	...
GRAND TOTAL .	377	178	555	...	227	116	343	...	604	294	898

MEMO.	M.	F.	TOTAL.
1. Hindus .	500	222	722
2. Musulmans .	104	72	176
3. Christians .	...	...	...
TOTAL .	604	294	898

E. C. BUCK,
Secretary to the Government of India.

GOVERNMENT OF INDIA.

DEPARTMENT OF FINANCE AND COMMERCE.

Comparative Statement of the Nett Indian Sea and Land Customs Revenue (excluding Salt Revenue) for the first eight months of the official year 1882-83, and of the eleven preceding years.

(IN THOUSANDS OF RUPEES.)

YEAR.	FOR THE EIGHT MONTHS, APRIL TO NOVEMBER.																		TOTAL BRITISH INDIA.			YEAR.
	BENGAL.				BOMBAY.				SINDH.			MADRAS.			BRITISH BURMA.							
	On Imports of Liquors.	On other Imports	On Exports.	Total Revenue.	On Imports of Liquors.	On other Imports.	On Exports.	Total Revenue.	On Imports of Liquors	On other Imports.	On Exports.	Total Revenue.	On Imports of Liquors.	On other Imports.	On Exports.	Total Revenue.	On Imports of Liquors.	On other Imports.	On Exports.	Total Revenue.	On Imports of Liquors.	On other Imports.	Export Revenue.	Total Import Revenue.	Total Revenue.	
1871-72 .	6,71	49,00	13,13	68,84	4,79	29,86	2,58	37,23	86	86	1,17	2,89	9	8,15	9,00	19,44	1,06	2,79	12,17	16,02	15,71	90,66	38,05	1,06,37	1,44,42	1871-72.
1872-73 .	8,38	48,46	14,63	71,47	3,52	28,03	2,21	33,76	73	81	1,49	3,03	9	7,85	7,18	17,62	1,98	3,15	21,34	26,47	17,20	88,30	46,35	1,05,50	1,52,35	1872-73.
1873-74 .	6,78	46,47	10,59	63,84	4,18	29,42	2,19	35,79	78	67	77	2,22	9	8,96	8,74	20,07	2,16	3,04	15,87	21,07	16,27	88,56	38,16	1,04,83	1,42,99	1873-74.
1874-75 .	7,61	52,61	8,00	68,22	4,21	30,06	2,43	36,70	75	48	87	2,10	10	9,16	8,66	20,02	2,66	4,42	10,80	17,88	17,43	96,73	30,76	1,14,16	1,44,92	1874-75.
1875-76 .	8,18	50,73	9,06	67,97	4,41	25,82	3,56	33,79	83	67	65	2,45	9	9,55	8,18	20,52	2,49	3,23	18,80	24,52	18,70	90,00	40,55	1,08,70	1,49,25	1875-76.
1876-77 .	8,39	44,31	8,51	61,21	5,42	26,64	68	32,74	1,01	50	16	1,67	4	8,21	5,48	17,23	2,87	3,49	13,45	19,81	21,23	83,15	28,28	1,04,38	1,32,66	1876-77.
1877-78 .	9,55	54,56	10,34	74,45	5,64	31,43	62	37,69	1,34	60	27	2,21	6	5,60	1,38	10,54	3,21	4,00	9,93	17,14	23,30	96,19	22,54	1,19,49	1,42,03	1877-78.
1878-79 .	8,67	45,10	9,11	62,88	5,62	29,17	1,37	36,16	1,26	39	16	1,81	6	6,20	2,95	12,87	4,60	4,48	15,09	24,17	23,87	85,34	28,68	1,09,21	1,37,89	1878-79.
1879-80 .	7,83	42,20	5,93	55,96	6,15	24,13	1,17	31,45	2,06	49	14	2,69	9	6,18	4,53	14,10	4,42	4,14	17,75	26,31	23,85	77,14	29,52	1,00,99	1,30,51	1879-80.
1880-81 .	8,54	40,52	7,27	56,33	5,61	35,12	1,26	41,99	3,09	75	15	3,99	7	7,17	5,62	16,00	3,12	5,24	21,19	29,55	23,67	88,80	35,39	1,12,47	1,47,86	1880-81.
1881-82 .	8,55	37,49	9,88	55,92	6,65	30,82	1,01	38,48	2,56	91	22	3,69	11	6,61	3,49	13,31	4,54	5,14	24,53	34,21	25,51	80,97	39,13	1,06,48	1,45,61	1881-82.
1882-83 .	9,21	12	10,02	19,35	6,48	—96*	91	6,43	2,26	4	38	2,68	9	3	2,65	6,27	5,21	6	29,34	34,61	26,75	—71*	43,30	26,04	69,34	1882-83.

* The amount refunded is greater than the duty collected.

D. M. BARBOUR,
Secretary to the Government of India.

DEPARTMENT OF FINANCE AND COMMERCE,
STATISTICAL BRANCH;
Calcutta, 19th December 1882.

GOVERNMENT OF INDIA.

DEPARTMENT OF FINANCE AND COMMERCE.

SUPPLEMENT TO THE STATEMENT OF PRICES CURRENT OF FOOD-GRAINS FOR THE 1st HALF OF NOVEMBER 1882 PUBLISHED IN PAGES 1750 AND 1751 OF THE SUPPLEMENT TO THE "GAZETTE OF INDIA," DATED 9th DECEMBER 1882.

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAS.

Provinces.	Districts.	Wheat.			Barley.			Rice. Best sort.			Rice. Common.			Great Millet (Cholum, Jowar). *Holcus Sorghum.*			Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.*			Lesser Millets, Ragi, &c. (Kavarn, Verigoo, Sawee, Cheena, Varigoo, Murwa, Nagnee, &c.) *Eleusine Coracana,* &c.			Gram.			Firewood.			Salt. Wholesale.			Salt. Retail.		
		Present fortnight.	Last fortnight.	Corresponding fortnight of last year.	Present fortnight.	Last fortnight.	Corresponding fortnight of last year.	Present fortnight.	Last fortnight.	Corresponding fortnight of last year.	Present fortnight.	Last fortnight.	Corresponding fortnight of last year.	Present fortnight.	Last fortnight.	Corresponding fortnight of last year.	Present fortnight.	Last fortnight.	Corresponding fortnight of last year.	Present fortnight.	Last fortnight.	Corresponding fortnight of last year.	Present fortnight.	Last fortnight.	Corresponding fortnight of last year.	Present fortnight.	Last fortnight.	Corresponding fortnight of last year.	Present fortnight.	Last fortnight.	Corresponding fortnight of last year.	Present fortnight.	Last fortnight.	Corresponding fortnight of last year.
		S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	Rs. A. per maund	Rs. A. per maund	Rs. A. per maund	S. C.	S. C.	S. C.
Rajputana.	1st half of November 1882.																																	
	Erinpura	17 14	17 14	18 0	31 10	31 1	30 0	7 0	7 0	...	8 0	8 0	7 0	8 20	8 20	6 20	6 23	6 23	6 32	4 ...	4 ...	8 ...	23 12	23 12	21 12	160 0	160 0	...	3 0	3 0	3 0	4 12	4 12	4 12
	Sirohee	17 0	16 0	19 0	30 0	30 4	24 0	6 12	6 8	6 0	8 0	8 0	8 0	4 17	4 17	4 17	8 20	8 21	8 24	8 ...	8 ...	8 ...	27 0	25 0	28 0	160 0	160 0	160 0	3 0	3 0	3 0	5 11	5 12	5 11
	Abu	15 10	15 0	16 2	22 4	22 4	25 8	8 8	8 8	8 8	8 0	8 0	8 0	0 ...	0 ...	0 ...	19 8	21 17	20 12	8 ...	8 ...	8 ...	28 8	28 8	28 8	160 0	160 0	160 0	3 8	3 8	3 8	8 10	8 11	8 10
	Aimadra	17 0	16 0	18 8	25 4	25 4	32 0	9 4	9 6	9 0	9 0	9 0	9 0	8 ...	8 ...	8 ...	20 8	22 19	22 8	... ...	... ...	... ...	23 8	24 8	18 12	160 0	160 0	...	3 4	3 3	3 3	4 11	4 12	4 11

D. M. BARBOUR,
Secretary to the Government of India.

DEPARTMENT OF FINANCE AND COMMERCE,
(Statistical Branch.)

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

RAILWAY TRAFFIC.

No. XLIV OF 1882.

APPROXIMATE STATEMENT OF GROSS RECEIPTS AND EXPENSES OF INDIAN RAILWAYS.

Latest return received.	Railways.	Total mean length open.	Receipts for week ending 5th November 1881. Total.	Per mile open.	Total mean length open.	Receipts for week ending 4th November 1882. Total.	Per mile open.	Total Receipts from 1st April to 5th November 1881. Total.	Per mile open per week.	Total Receipts from 1st April to 4th November 1882. Total.	Per mile open per week.	Total Increase in 1882-83.	Total Decrease in 1882-83.
			R	R		R	R	R	R	R	R	R	R
	Guaranteed.												
4th Nov. 1882	Eastern Bengal .	172	1,14,523	666	193	1,28,063	664	33,44,314	621	34,68,190	644	1,23,876	...
4th ditto	Oudh and Rohilkhund	547	1,23,552	226	547	1,10,021	201	28,42,780	166	28,88,369	169	45,589	...
4th ditto	Sind, Punjab & Delhi .	676	2,12,547	314	676	2,31,820	343	53,75,079	254	55,82,748	265	2,07,669	...
4th ditto	Madras . . .	858	1,09,091	127	861	1,31,550	153	37,83,503	141	42,26,674	158	4,43,171	...
4th ditto	South Indian . .	655	63,401	97	655	77,587	118	22,90,889	112	22,48,628	110	...	42,261
11th ditto	Great Indian Peninsula	1,447	6,59,821	456	1,458	7,39,710	507	1,80,84,194	400	1,85,27,813	407	4,43,619	...
11th ditto	Bombay, Baroda and Central India . .	444	1,78,580	402	461	1,76,682	383	54,57,032	393	57,10,568	398	2,53,536	...
	TOTAL .	1,799	14,61,515	305	4,851	15,95,433	329	4,11,77,791	274	4,26,52,990	284	14,75,199	...
	State.												
11th Nov. 1882	East Indian . .	1,504	8,98,707	597	1,507	10,27,445	682	2,54,61,491	540	2,56,86,753	547	2,22,262	...
11th ditto	Calcutta and South-Eastern . . .	28	2,416	86	33	2,790	85	88,553	101	1,26,497	101	37,944	...
11th ditto	Nalhati . . .	27	1,122	42	27	1,161	43	37,429	44	41,012	48	3,583	...
11th ditto	Northern Bengal .	233	44,467	191	230	39,810	173	10,31,738	142	11,63,312	162	1,31,574	...
11th ditto	Tirhoot . . .	85	9,282	109	75	10,976	146	3,21,734	127	3,77,618	149	55,884	...
11th ditto	Patna-Gya . . .	57	11,636	204	57	9,647	169	2,99,019	167	2,99,324	169	305	...
4th ditto	Muttra-Hathras . .	29	2,851	98	29	2,583	89	84,543	93	70,824	78	...	13,719
4th ditto	Cawnpore-Furrakhabad	53	3,593	68	87	6,468	74	1,62,569	98	1,95,790	72	33,221	...
4th ditto	Dildarnagar-Ghazipur	12	688	57	12	874	73	22,531	60	26,320	70	3,789	...
4th ditto	Rajputana-Malwa .	1,016	2,32,526	229	1,116	1,84,800	166	51,17,123	160	58,76,723	169	7,59,600	...
11th ditto	Wardha Coal . .	45	8,555	190	45	9,242	205	2,80,515	199	3,08,330	220	27,815	...
11th ditto	Nagpur & Chhattisgarh	53	3,593	68	98	6,976	71	1,61,262	88	2,93,079	96	1,31,817	...
11th ditto	Rangoon and Irrawaddy Valley . . .	161	36,167	225	161	31,069	193	7,86,919	156	8,22,000	164	35,081	...
4th ditto	Sindia	75	7,114	95	75	7,840	105	1,75,929	75	1,81,762	78	5,833	...
4th ditto	Punjab Northern .	363	52,570	145	419	48,330	115	17,07,392	150	17,12,984	136	5,592	...
4th ditto	Indus Valley and Kandahar . . .	660	1,27,039	192	660	1,35,090	205	(b)28,42,030	142	(a)25,40,763	127	...	3,01,267
11th ditto	Muttra-Achnera .	...	...	...	23	1,460	63	...	...	39,908	55	39,908	...
11th ditto	Kaunia Dharla Tramway . . .	21	1,683	80	32	2,112	66	(c)21,083	61	47,513	48	26,430	...
	TOTAL .	2,918	5,45,302	187	3,179	5,01,258	158	1,31,40,369	144	1,41,23,759	143	9,83,390	...
	Native States.												
11th Nov. 1882	Bhavnagar-Gondal .	193	14,708	76	193	13,319	69	3,97,030	80	5,10,216	85	1,13,186	...
4th ditto	Nizam's . . .	121	18,129	150	121	16,294	134	4,70,519	124	5,14,962	137	44,443	...
4th ditto	Mysore . . .	58	2,707	47	86	6,073	71	87,690	48	1,81,354	67	93,664	...
11th ditto	Bhopal . . .	...	...	...	19	530	28	...	...	(d)10,114	27	10,114	...
	TOTAL .	372	35,544	96	419	36,216	87	9,55,239	90	12,16,646	92	2,61,407	...
	GRAND TOTAL .	9,593	29,41,068	307	9,956	31,60,352	317	8,07,37,890	270	8,36,80,148	271	29,42,258	...
	GROSS ESTIMATED EXPENSES .	...	...	...	...	...	...	4,04,98,430	135	4,10,12,240	132	...	...
	NET RECEIPTS .	...	...	...	...	...	...	4,02,39,460	135	4,26,67,908	139	24,28,448	...

(a) Total receipts from 1st April to 21st October 1882, and the receipt for the week ended 4th November 1882.
(b) Total receipts from 1st April to 22nd October 1881, and the receipt for the week ended 5th November 1881.
(c) Total receipts from 9th July to 5th November 1881.
(d) Total receipts from 24th June to 4th November 1882.

F. FIREBRACE, *Major, R.E.,*
Under-Secretary.

FORT WILLIAM,
The 14th December 1882.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

IRRIGATION OPERATIONS OF FASL RABI, N.-W. PROVINCES, 1882, UP TO 31st OCTOBER 1882.

Canal Division.	Water distributed during October 1882: Depth in Canal at regulating gauge in feet: Full supply.	Depth in Canal at regulating gauge in feet: Actual average throughout.	Gross Consumption, cubic feet per second: Allotted discharge.	Gross Consumption, cubic feet per second: Actual average throughout.	Total area of irrigation during current fasl.	Total area for the corresponding period of last year.
Upper Ganges. Northern	10·00	7·31	740	76	607	8,252
Upper Ganges. Anúpshahr	6·80	3·83	700	503	2,072	4,880
Upper Ganges. Meerut	8·30	5·59	969	1,337	6,433	25,841
Upper Ganges. Bulandshahr	7·35	5·43	972	536	11,765	30,504
Upper Ganges. Aligarh	5·50	4·19	994	830	35,094	9,393
Lower Ganges. Narora	9·00	5·62	975	272	1,441	403
Lower Ganges. Mainpuri	7·00	3·96	600	292	4,049	3,585
Lower Ganges. Cawnpore	8·20	4·0	825	451	8,340	12,212
Lower Ganges. Etáwah	5·80	2·8	975	515	265	228
Lower Ganges. Bhognipur	7·00	3·9	950	217	22	1,361
Total, Upper and Lower Ganges Canals	...	...	...	5,029	70,088	96,659
Eastern Jumna Canal	4·74	3·47	1,250	930	5,394	22,978
Agra Canal	...	7·15	2,000	409	4,112	15,929
Rohilkhand	...	...	...	...	...	...
Bijnor	...	...	...	...	...	...
Dún	...	...	...	...	1,888	1,232
Jhánsi	...	...	...	...	8	30
Hamírpur	...	...	...	...	196	...
Total	...	...	...	...	81,686	136,828

Zila.	Land irrigated (approximate): Wheat.	Barley.	Gram.	Other food-grains.	Miscellaneous.			Total.	Rainfall: Total from 1st to 31st October 1882.	Rainfall: Average of ten previous years for the same period.
Saháranpur	124	29	30	4	2,234	...	...	2,421	...	·4
Muzaffarnagar	1,641	18	52	108	1,484	...	...	3,303	...	·66
Meerut	7,026	888	294	216	1,419	...	...	9,843	...	·82
Bulandshahr	6,360	5,970	513	292	728	...	...	13,863	...	·75
Aligarh	5,954	15,344	12	183	3,379	...	...	24,872	...	·59
Muttra	257	213	114	153	501	...	...	1,238	...	·92
Agra	3	...	...	7	613	...	...	623	...	·41
Etah	1,835	746	5	152	4,807	...	...	7,545	...	·73
Mainpuri	244	131	28	524	3,593	...	...	4,520	...	·59
Fatehgarh	393	449	...	945	253	...	...	2,040	...	·79
Etáwah	64	45	...	131	279	...	...	519	...	·82
Cawnpore	1,250	3,125	...	1,781	...	...	...	6,156	·7	·54
Delhi	...	...	...	...	...	...	...	...	...	·88
Gurgaon	1,277	47	198	1,044	85	...	...	2,651	...	1·02
Dehra Dún	1,589	..	...	...	299	...	...	1,888	·2	·81
Bijnor	...	...	...	...	...	...	...	...	·3	·44
Tarái	...	...	...	...	...	...	...	...	·3	·81
Pilibhit	...	...	...	...	...	...	...	...	·1	·88
Bareilly	...	...	...	...	...	...	...	...	...	1·07
Jhánsi	5	...	3	...	..	...	...	8	...	·47
Hamírpur	...	...	...	...	196	...	...	196	...	·58
Total	28,022	27,005	1,249	5,540	19,870	...	...	81,686	...	..
Total for the same period last year	87,655	23,193	1,132	10,665	14,183	...	...	136,828	...	...
Increase	...	3,812	117	...	5,687	...	...	...	...	...
Decrease	59,633	...	...	5,125	...	...	...	55,142	...	...

Remarks.

Cubic feet per second.

Entering head of Ganges Canal . . 4,352
„ Lower Ganges Canal . . 2,118
6,770

Expended—
Ganges Canal . . . 3,282
Lower Ganges Canal . 1,747
5,029

Escapes—
Anúpshahr Division . . . 4
Meerut ditto . . . 28
Narora ditto . . . 138
Mainpuri ditto . . . 156
Cawnpore ditto . . 219
Etawah ditto . . 365
Bhognipur ditto . . . 296
Percolation, Narora Division . 370
Ditto Mainpuri „ . 165
1,741
6,770

Executive Engineer, Meerut Division, Ganges Canal, reports that the low supply in the canal prevented much new irrigation from being effected, as a large area of sugarcane had to be irrigated.

Executive Engineer, Aligarh Division, reports that there was a great demand throughout the month for rabi *pálee*.

Executive Engineer, Mainpuri Division, reports that there was a demand for rice, sugarcane and rabi *pálee*, that irrigation commenced on the 6th October on the Cawnpore Branch and 9th October on Bewar Branch after re-opening of the canal.

Executive Engineer, Eastern Jumna Canal, reports that the canal was closed from 23rd to 29th, inclusive.

Executive Engineer, Rohilkhand Canal, reports that there was scarcely any demand for water, but that rabi palewar is beginning.

Allahabad,
The 30th November 1882.

Besides this rabi irrigation there was some kharif irrigation effected this month in the following divisions:—

Division.	Sugarcane.	Indigo.	Rice.	Cotton.	Other food grains.	Fodder crops.	Miscellaneous.	Total.
Eastern Jumna Canal	170	317	2,992	1,854	3,493	455	—1,043	7,818
Rohilkhand Canals	...	...	2,056	...	...	...	...	2,056
Total	170	317	4,778	1,854	3,493	455	1,043	9,874

W. P. V. HORST,
Offg. Asst. Secy. to Govt., N.-W. P. and Oudh, P. W. D., Irrigation Branch.

STATEMENT OF TRAFFIC ON THE AGRA CANAL FOR THE MONTH OF OCTOBER 1882.

Nature of Traffic.	Agra Canal. Principal items of Traffic. Up. Mds.	Up. No.	Down. Mds.	Down. No.	Total up and down. Mds.	Total up and down. No.
Grains—						
Wheat	550	...	1,125	...	1.675	...
Gram	...	...	...	...	...	...
Rice	...	...	...	...	...	...
Paddy or dhán	...	...	...	...	...	...
Bejhar or mixed grain	...	...	...	...	...	...
Dal—						
Urd	...	...	...	...	...	...
Múng	...	...	...	...	...	...
Arhar	...	...	...	...	...	...
Masuri	...	...	...	...	...	...
Juár	...	...	...	...	...	...
Bájra	...	...	...	...	...	...
Maize or Indian-corn	...	...	...	...	...	...
Barley	...	...	50	...	50	...
Total	550	...	1,175	...	1,725	...
Cotton	...	...	...	...	...	...
Oilseeds	...	...	...	...	...	...
Salt	...	...	...	...	...	...
Metals	...	...	...	...	...	...
Building materials	1,000	...	...	...	1,000	...
Miscellaneous goods	...	...	803	...	803	...
Firewood	...	...	...	...	...	...
Bamboos	...	...	...	...	...	...
Timber—						
Poles and unsquared timber	...	...	100	...	100	...
Karis and squared timber	...	...	...	...	...	...
Logs	...	...	...	...	...	...
Miscellaneous timber	...	...	75	...	75	...
Live-stock	...	...	...	...	...	...
Grand Total	1,550	...	2,153	...	3,703	...
Total during corresponding period of last year	...	...	4,380	...	4,380	...
Increase	1,550	...	...	...	1,550	...
Decrease	...	...	2,227	...	2,227	...

Remarks.

Particulars.	Agra Canal. 1882.	1881.
Tonnage, including weight of timber and bamboos	136	161
Ton mileage	7,168	16,661
Value of goods Rs.	5,094	6,627
Number of passengers	...	...

Allahabad,
The 30th November 1882.

W. P. V. HORST,
Offg. Asst. Secy. to Govt., N.-W. P. and Oudh, P. W. D., Irrigation Branch.

STATEMENT OF TRAFFIC ON UPPER AND LOWER GANGES CANALS FOR THE MONTH OF OCTOBER 1882.

	UPPER GANGES CANAL.								LOWER GANGES CANAL.								UPPER AND LOWER GANGES CANALS.				REMARKS.
	PRINCIPAL ITEMS OF LOCAL TRAFFIC.								PRINCIPAL ITEMS OF LOCAL TRAFFIC.								PRINCIPAL ITEMS OF LOCAL AND THROUGH TRAFFIC.				
	Up.		Down.		Total up and down.				Up.		Down.		Total up and down.				Up.		Down.		Total up and down.		
GRAINS.	Mds.	Nos.	Mds.	Nos.	Mds.	Nos.			Mds.	Nos.	Mds.	Nos.	Mds.	Nos.			Mds.	Nos.	Mds.	Nos.	Mds.	Nos.	
Wheat	950	...	7,117	...	8,067	...			...	...	...	...	...	...			950	...	14,704	...	15,744	...	
Gram	60	...	600	...	660	...			...	...	...	...	...	...			429	...	600	...	1,029	...	
Rice	...	...	...	...	...	...			90	279	...	...	90	279			50	...	...	...	50	...	
Paddy or dhán	...	...	...	...	...	...			60	279	...	...	60	279			...	...	...	...	...	...	
Bejhar or mixed grain	...	...	...	...	...	...			...	...	...	...	...	...			...	...	...	...	...	...	
Dál ... { Urd	...	...	...	...	...	...			...	...	...	...	...	...			...	...	...	...	...	...	
Dál ... { Múng	...	...	...	...	...	...			...	...	...	...	...	...			...	...	...	...	...	...	
Dál ... { Arhar	198	...	...	...	198	...			...	...	...	...	...	...			198	...	...	...	198	...	
Dál ... { Masuri	...	...	...	...	...	...			...	...	...	...	...	...			...	...	...	...	...	...	
Jnár	...	...	...	...	...	...			...	...	...	...	...	...			...	...	...	...	...	...	
Bájra	...	...	89	...	89	...			...	...	...	...	...	...			89	...	...	...	89	...	
Maize or Indian-corn	...	...	641	...	641	...			...	...	...	...	...	...			641	...	...	...	641	...	
Barley	...	...	...	...	...	...			...	...	...	...	...	...			...	...	...	...	...	...	
TOTAL	1,297	...	7,677	...	8,884	...			140	...	...	...	140	...			2,357	...	15,304	...	17,751	...	
Cotton	140	...	...	...	140	...			...	...	...	...	...	...			140	...	...	...	140	...	
Oilseeds	3,199	...	...	...	3,199	...			...	...	...	...	...	...			3,199	...	1,003	...	4,103	...	
Salt	2,662	...	1,068	...	1,260	...			...	...	...	...	...	...			2,662	...	5,319	...	6,388	...	
Metals	417	...	...	...	417	...			...	...	...	...	...	...			417	...	4,566	...	4,899	...	
Building materials	105	...	1,263	...	1,368	...			...	...	...	...	...	...			105	...	1,261	...	2,289	...	
Miscellaneous goods	1,000	...	...	...	1,000	...			...	...	...	...	...	...			1,000	...	5,380	...	10,180	...	
Firewood	231	...	1,043	...	1,274	...			...	...	...	...	...	...			231	...	2,211	...	3,735	...	
Bamboos	2,257	...	2,124	...	4,381	...			...	...	...	...	...	...			2,257	...	4,190	...	9,221	...	
Timber { Poles and unsquared timber	...	...	...	...	...	...			...	...	...	...	...	...			...	...	5,666	113,320	5,666	113,320	
Timber { Karis and squared timber	...	...	...	...	...	...			...	...	...	...	...	...			...	...	5,470	5,470	5,470	5,470	
Timber { Logs	...	...	...	...	...	...			...	...	...	...	...	...			...	...	...	...	...	...	
Miscellaneous timber	...	...	...	...	...	...			...	...	...	...	...	...			...	...	...	...	...	...	
Live-stock	...	...	...	...	...	...			...	...	...	...	...	...			...	...	...	...	...	...	
GRAND TOTAL	10,032	42	6,705	...	16,891	...			23,596	...	16,720	42	60,107	125,552			76,897	125,644					
TOTAL DURING CORRESPONDING PERIOD OF LAST YEAR.	6,500	5,084	157	9,758	...	14,842	157	29,600	716	1,19,869	6,004	1,49,469	6,720										
INCREASE	...	...	1,921	...	7,133	...	8,734	...	...	...	...	...	119,548	...	118,924								
DECREASE	1,003	6,453	...	157	...	...	157	12,810	621	59,762	...	72,572											

Particulars.	Upper Ganges Canal (local).		Lower Ganges Canal (local).		Upper and Lower Ganges Canals (through).		Total, Upper and Lower Ganges Canals.	
	1881.	1882.	1881.	1882.	1881.	1882.	1881.	1882.
Tonnage, including weight of timber and bamboos	1,067	1,560	3,849	368	545	867	5,491	2,825
Ton mileage	17,890	43,835	91,165	43,835	19,276	193,412	229,331	318,779
Value of goods . . . . Rs.	25,704	70,356	52,874	54,493	4	86,647	1,34,071	1,97,600
Number of passengers	...	46	28	4	...	...	32	565

W. P. V. HORST,
Offg. Asst. Secy. to Govt., N.-W. P. & Oudh, P. W. D., Irrigation Branch.

ALLAHABAD,
The 30th November 1882.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

Irrigation.

IRRIGATION AND RAINFALL IN MADRAS FOR 1881-82.

No. 2312, dated 18th September 1882.

PROCEEDINGS OF THE BOARD OF REVENUE, MADRAS.

Read the following papers :—

From the Collector of	Anantapur,	dated	4th August 1882,	No.	160
,, ,,	North Arcot,	,,	17th July ,,	,,	—
,, ,,	South Arcot,	,,	3rd ,,	,,	262
,, ,,	Bellary,	,,	30th June ,,	,,	2276
,, ,,	Chingleput,	,,	22nd August ,,	,,	413
,, ,,	Coimbatore,	,,	8th July ,,	,,	137
,, ,,	Cuddapah,	,,	8th August ,,	,,	370
,, ,,	Ganjam,	,,	6th June ,,	,,	2111
,, ,,	Godavari,	,,	7th August ,,	,,	—
,, ,,	Kistna,	,,	12th June ,,	,,	1277
,, ,,	Kurnool,	,,	10th July ,,	,,	291
,, ,,	Madura,	,,	8th ,,	,,	259
,, ,,	Nellore,	,,	5th ,,	,,	3319
,, ,,	Salem,	,,	30th June ,,	,,	1418
,, ,,	Tanjore,	,,	12th July ,,	,,	3504
,, ,,	Tinnevelly,	,,	4th ,,	,,	393
,, ,,	Trichinopoly,	,,	27th June ,,	,,	1909
,, ,,	Vizagapatam,	,,	10th August ,,	,,	—

RESOLUTION.—A statement showing the irrigation and rainfall for 1881-82 compiled from the above returns will, as usual, be forwarded to the Chief Engineer for Irrigation, with reference to Board's Proceedings, dated 11th May 1874, No. 1092.

2. The following abstract shows the area irrigated from Government sources in 1881-82 as compared with 1880-81 :—

—	ANICUTS AND OTHER IMPORTANT WORKS.		OTHER WORKS.		TOTAL.		Difference.
	1880-81.	1881-82.	1880-81.	1881-82.	1880-81.	1881-82.	
	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.
Government land .	1,315,640	1,315,408	2,380,978	2,268,045	3,696,618	3,583,453	—113,165
Inam land . .	328,882	327,725	592,738	530,592	921,620	858,317	—63,303
Zemindari land . .	122,272	170,662	57,900	45,108	180,172	215,770	+35,598
TOTAL .	(*a*)1,766,794	1,813,795	(*b*)3,031,616	2,843,745	4,798,410	4,657,540	—140,870
Difference . . .	...	+47,001	...	—187,871	...	—140,870	...

(*a*) is exclusive } of the irrigated area under the Cauvery Lower Anicut.
(*b*) is inclusive }

3. A small decrease amounting to acres 6,129 appears in the area irrigated under anicuts and other important works, that is, the eight works for which capital and revenue accounts are maintained. Of this decrease, acres 4,740 are returned under zemindari lands for which accurate accounts are not available. Under other works the irrigated area shows a large falling off amounting to acres 187,871—acres 112,933 in Government lands, acres 62,146 in inams and 12,792 in zemindari lands. The bulk of the decrease* occurs in Ganjam, Nellore, and Chingleput where the rainfall was scanty and the season unfavorable.

	Acres.
* Ganjam	40,776
Nellore	45,269
Chingleput	43,363

4. As the Cauvery Lower Anicut is not one of the eight systems of irrigation works, it is not shown separately in the statement, but is included under other works—*vide* paragraph 3 of Board's Proceedings, dated 27th January 1882, No. 281.

Comparative Statement of Irrigation and Rainfall for the Years 1880-81 and 1881-82 in the several Districts.

Districts.	Total Area in Acres.	Cultivable Area in Acres.	Cultivated Area in Acres.	AREA IRRIGATED. Sown from April to November 1881. Total Area.	In comparison with 1880-81. Increase.	Decrease.	Sown from December 1881 to March 1882. Total Area.	In comparison with 1880-81. Increase.	Decrease.	Whole year of 1881-82. Total Area.	In comparison with 1880-81. Increase.	Decrease.	Percentage of Increase or Decrease in 1881-82.	RAINFALL. 1880-81.	1881-82.	Percentage of Increase or Decrease in 1881-82.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Ganjam.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.		Inches.	Inches.	
Government land	528,350	362,285	313,832	138,568	...	33,801	2,988	...	4,292	141,556	...	38,093	−26·91	...	...	...
Inam land	142,668	133,504	114,505	57,630	1,327	...	3,998	...	3,054	61,628	...	1,727	−2·80	...	...	...
Zemindari	...	...	...	19,913	...	...	...	...	956	19,913	...	956	−4·80	...	...	...
Total	671,018	495,789	428,337	216,111	...	32,474	6,986	...	8,302	223,097	...	40,776	−18·28	54·64	39·45	−27·80
Vizagapatam.																
Government land	181,081	120,003	137,662	41,776	...	1,103	10,104	3,242	...	51,880	2,139	...	+4·12	...	...	...
Inam land	42,011	41,398	46,078	17,819	1,587	...	730	482	...	18,549	2,069	...	+11·15	...	...	...
Zemindari*	...	...	...	...	...	11,352	...	...	818	...	...	12,170	...	...	...	...
Total	223,092	161,401	183,740	59,595	...	10,868	10,834	2,906	...	70,429	...	7,962	−11·31	48·63	42·09	−13·45
Godavari.																
Godavari Anicut Government land †				250,016	1,319	...	8,397	...	6,769	258,413	...	5,450	−2·10	...	...	...
Godavari Anicut Inam land				135,934	...	9,473	5,213	...	734	141,147	...	10,207	−7·22	...	...	...
Godavari Anicut Zemindari				109,032	...	5,347	4,089	933	...	113,121	...	4,114	−3·90	...	...	...
Godavari Anicut Total	Particulars not known.			494,982	...	13,501	17,699	...	6,570	512,681	...	20,071	−3·91	18·95	26·59	+10·32
All other works Government land				49,476	17,723	...	1,812	...	728	51,288	16,995	...	+33·13	...	...	...
All other works Inam land				22,368	5,736	...	1,150	...	365	23,518	5,371	...	+22·83	...	...	...
All other works Zemindari				457	...	12	...	...	...	457	...	12	−2·62	...	...	...
Total Government land	1,865,328	1,339,224	642,912	299,492	19,042	...	10,209	...	7,497	309,701	11,545	...	+3·72	...	...	...
Total Inam land	448,495	430,713	333,139	158,302	...	3,737	6,363	...	1,099	164,665	...	4,826	−2·93	...	...	...
Total Zemindari	...	...	...	109,489	...	5,359	4,089	933	...	113,578	...	4,426	− ·89	...	...	...
Total	2,313,823	1,469,937	976,051	567,283	9,946	...	20,661	...	7,663	587,944	2,283	...	+0·39	...	...	...
Kistna.																
Kistna Anicut‡ Government land				176,413	33	...	1,203	552	...	177,616	585	...	+ 0·33	...	...	...
Kistna Anicut‡ Inam land				44,839	1,746	...	235	...	108	45,074	1,638	...	+ 5·63	...	...	...
Kistna Anicut‡ Zemindari				56,931	53,191	...	11	...	10	56,942	53,181	...	+93·40	...	...	...
Kistna Anicut‡ Total	Particulars not known.			278,183	54,970	...	1,449	434	...	279,632	55,454	...	+19·81	...	...	...
All other works Government land				17,879	5,802	...	1,410	29	...	19,289	5,831	...	+30·23	...	...	...
All other works Inam land				2,929	1,013	...	36	...	164	2,965	849	...	+28·63	...	...	...
All other works Zemindari				...	...	...	...	...	...	...	...	...	...	...	...	...
Total Government land	3,383,379	2,223,202	1,467,689	194,292	5,835	...	2,613	581	...	196,905	6,416	...	+ 3·26	...	...	...
Total Inam land	666,776	636,110	418,658	47,768	2,759	...	271	...	272	48,039	2,487	...	+ 5·17	...	...	...
Total Zemindari	...	...	...	3,801	61	...	11	...	10	3,812	51	...	+ 1·34	...	...	...
Total	4,050,155	2,859,312	1,886,347	245,861	8,655	...	2,895	299	...	248,756	8,954	...	+ 3,59	29·37	29·22	− 0·51
Nellore.																
Pennér Anicut Government land				27,120	...	1,031	12,264	..	2,391	39,384	...	3,422	− 8·69	...	...	...
Pennér Anicut Inam land				11,928	...	335	8,323	376	...	20,251	41	...	+ 0·20	...	...	...
Pennér Anicut Zemindari				...	...	...	...	...	...	...	...	...	...	...	...	...
Pennér Anicut Total	Particulars not known.			39,048	...	1,366	20,587	...	2,015	59,635	...	3,381	− 5·67	...	...	...
All other works Government land				70,218	...	355	56,000	...	11,493	126,218	...	11,848	− 9·38	...	...	...
All other works Inam land				19,038	...	19,499	13,924	...	13,476	32,962	...	32,975	−100·04	...	...	...
All other works Zemindari				...	...	306	...	...	140	...	...	446	...	...	...	...
Total Government land	2,256,349	1,303,637	741,999	97,338	...	1,386	68,264	...	13,884	165,602	...	15,270	− 9·22	...	...	...
Total Inam land	707,996	580,520	326,026	30,966	...	19,834	22,247	...	13,100	53,213	...	32,934	−61·89	...	...	...
Total Zemindari	...	...	...	...	...	306	...	..	140	..	...	446	...	...	...	...
Total	2,963,445	1,884,157	1,068,025	128,304	...	21,526	90,511	...	27,124	218,815	...	48,650	−22·23	44·58	27·01	−39·41
Cuddapah.																
Government land	4,794,648	1,834,529	1,047,376	94,836	...	4,378	21,472	8,865	...	116,308	4,487	...	+ 3·86	...	...	...
Inam land	775,438	775,438	448,138	54,864	23,640	...	7,362	...	17,315	62,226	6,325	...	+10·16	...	...	...
Zemindari	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total	5,570,086	2,609,967	1,495,514	149,700	19,262	...	28,834	...	8,450	178,534	10,812	...	+ 6·05	28·23	27·97	−0·92
Bellary.																
Government land	2,946,986	2,715,275	992,981	24,474	...	408	4,501	...	1,972	28,975	...	2,380	− 8·21	...	...	...
Inam land	816,300	778,140	414,753	11,029	4,831	...	2,091	...	189	13,120	4,642	...	+35·38	...	...	...
Zemindari	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total	3,762,286	3,493,415	1,407,734	35,503	4,423	...	6,592	...	2,161	42,095	2,262	...	+ 5·37	25·85	17·02	−34·16

* Figures not available.

† The figures include the lands under this Anicut in the Kistna District also.

‡ The figures under this include the lands under this Anicut in the Godavari District also.

Comparative Statement of Irrigation and Rainfall for the Years 1880-81 and 1881-82 in the several Districts —continued.

Districts.	Total Area in Acres.	Cultivable Area in Acres.	Cultivated Area in Acres.	AREA IRRIGATED. Sown from April to November 1881. Total Area.	In comparison with 1880-81. Increase.	Decrease.	Sown from December 1881 to March 1882. Total Area.	In comparison with 1880-81. Increase.	Decrease.	Whole year of 1881-82. Total Area.	In comparison with 1880-81. Increase.	Decrease.	Percentage of Increase or Decrease in 1881-82.	RAINFALL. 1880-81.	1881-82.	Percentage of Increase or Decrease in 1881-82.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.		Inches.	Inches.	
Anantapur.																
Government land	2,674,804	2 088,001	757,491	46,639	...	2,333	24,121	...	8,949	70,760	...	11,282	—15·94	...	...	...
Inam land	613,504	602,823	310,258	18,674	...	6,367	8,484	...	2,331	27,158	...	8,698	—32·02	...	...	...
Zemindari	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total	3,288,308	2,690,824	1,067,749	65,313	...	8,700	32,605	...	11,280	97,918	...	19,980	—20,40	...	·17	...
Kurnool.																
Government land	3,458,603	1,569,454	898,688	24,922	502	...	2,356	...	127	27,278	375	...	+1·39	...	...	...
Inam land	1,038,408	1,038,408	633,636	15,794	...	1,191	1,152	480	...	16,946	...	711	—4·16	...	...	...
Zemindari	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total	4,497,011	2,607,862	1,532,324	40,716	...	689	3,508	353	...	44,224	...	336	—0·75	22·66	20·17	—10·99
Chingleput.																
Chembrambakam Tank. Government land	Particulars not known.			10,353	6,328	...	3,518	...	4,397	13,871	1,931	...	+13·92	...	...	...
Chembrambakam Tank. Inam land				4,038	2,135	...	...	...	...	4,038	2,135	...	+52·87	...	...	...
Chembrambakam Tank. Zemindari				...	...	...	...	...	...	...	...	...	...	...	...	...
Total				14,391	8,463	...	3,518	...	4,397	17,909	4,066	...	+22·70	...	...	...
All other works. Government land				234,172	17,715	...	64,570	...	38,363	298,742	...	20,648	—6·91	...	...	...
All other works. Inam land				41,191	...	26,687	17,618	3,761	...	58,809	...	22,926	—38·98	...	...	...
All other works. Zemindari				3,183	...	49	1,097	260	...	4,280	211	...	+ 4·93	...	...	...
Total. Government land	1,315,092	742,151	488,917	244,525	24,043	...	68,088	...	42,760	312,613	...	18,717	—5·98	...	...	...
Total. Inam land	264,125	264,125	114,667	45,229	...	24,552	17,618	3,761	...	62,847	...	20,791	—33·08	...	...	...
Total. Zemindari		...	...	3,183	...	49	1,097	260	...	4,280	211	...	+4·93	...	...	...
Total	1,579,217	1,006,276	603,584	292,937	...	558	86,803	...	38,739	379,740	...	39,297	—10·35	47·29	34·14	—27·81
North Arcot.																
Pálár Anicut (c). Government land	Particulars not known.			30,414	2,207	...	14,264	...	9,089	44 678	...	6,882	—15·40	...	...	...
Pálár Anicut (c). Inam land				5,755	...	145	1,968	594	...	7,723	449	...	+ 5 81	...	...	...
Pálár Anicut (c). Zemindari				...	...	...	...	...	...	...	...	...	...	...	...	...
Total				36,169	2,062	...	16,232	...	8,495	52,401	...	6,433	--12 28	...	...	...
All other works. Government land				132,242	18,450	...	59,567	...	20,425	191,809	...	1,975	— 1·03	...	...	...
All other works. Inam land				25,896	...	6,874	16,127	1,756	...	42,023	...	5,118	—12·17	...	...	...
All other works. Zemindari				...	...	...	...	...	...	...	...	...	...	...	...	...
Total. Government land	2,324,726	1,002,418	599,465	162,656	20,657	...	73.831	...	29,514	.236,487	...	8,857	— 3·74	...	...	...
Total. Inam land	228,649	170,186	121,853	31,651	...	7,019	18,095	2,350	...	49,746	...	4,669	— 9·39	...	...	...
Total. Zemindari	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total	2,553,375	1,172,604	721,318	194,307	13,638	...	91.926	...	27,164	286,233	...	13,526	— 4·73	39·33	36·84	— 6·33
South Arcot.																
Pelandorai Anicut. Government land	Particulars not known.			2,702	116	...	339	3	...	3,041	119	...	+ 3·91	...	...	...
Pelandorai Anicut. Inam land				406	1	...	148	8	...	554	9	...	+ 1·62	...	...	...
Pelandorai Anicut. Zemindari				...	...	...	...	...	...	...	...	...	...	...	...	...
Total				3,108	117	...	487	11	...	3,595	128	...	+ 3·56	...	...	...
All other works. Government land				259,230	39,245	...	75,897	...	54,926	335,127	...	15,681	— 4·68	...	...	...
All other works. Inam land				24,416	2,760	...	13,027	...	4,615	37,443	...	1,755	— 4·68	...	...	...
All other works. Zemindari				1,360	35	...	667	...	91	2,027	...	56	— 2·76	...	...	...
Total. Government land	2,965,512	2,219,709	1,155,878	261,932	39,361	...	76,236	...	54,923	338,168	...	15,562	— 4·60	...	...	...
Total. Inam land	160,129	145,689	92,683	24,822	2,761	...	13,175	...	4,507	37,997	...	1,746	— 4·59	...	...	...
Total. Zemindari	...	...	...	1,360	35	...	667	...	91	2,027	...	56	— 2·76	...	...	...
Total	3,125,641	2,365,398	1,248,561	288,114	42,157	...	90,078	...	59,521	378,192	...	17,364	- 4·59	45·79	28·31	—38·17
Tanjore.																
Upper Anicut(d). Government land	Particulars not known.			683,503	22,882	...	70,774	...	7,157	754,277	15.725	...	+ 2·08	...	...	...
Upper Anicut(d). Inam land				97,779	6,725	...	10,076	...	2,009	107,855	4,716	...	+ 4·37	...	...	...
Upper Anicut(d). Zemindari				...	...	...	...	...	...	...	...	...	...	...	...	...
Total				781,282	29,607	...	80,850	...	9,166	862,132	20,441	...	+ 2·37	...	...	...
All other works. Government land				80,404	...	17,137	13,379	...	1,503	93,783	..	18,640	—19·87	...	...	...
All other works. Inam land				40,317	1,972	...	20,035	...	7,419	60,352	...	5,447	— 9·02	...	...	...
All other works. Zemindari				...	...	...	...	...	...	...	...	...	...	...	...	...
Total. Government land	1,571,700	1,153,198	981,708	763,907	5,745	...	84,153	...	8,660	848,060	...	2,915	— 0·34	...	...	...
Total. Inam land	629,701	465,931	258,427	138,096	8,697	...	30,111	...	9,428	168,207	...	731	— 0·43	...	...	...
Total. Zemindari	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total	2,201,401	1,619,129	1,240,135	902,003	14,442	...	114,264	...	18,088	1,016,267	...	3,646	— 0 35	54·91	39·57	—27 94

(c) The figures under this head include the lands under this Anicut in the Chingleput District also.
(d) The figures include the lands under this work in the Trichinopoly District also.

Comparative Statement of Irrigation and Rainfall for the Years 1880-81 and 1881-82 in the several Districts—concluded.

Districts.	Total Area in Acres.	Cultivable Area in Acres.	Cultivated Area in Acres.	AREA IRRIGATED: Sown from April to November 1881. Total Area.	In comparison with 1880-81. Increase.	Decrease.	Sown from December 1881 to March 1882. Total Area.	In comparison with 1880-81. Increase.	Decrease.	Whole year of 1881-82. Total Area.	In comparison with 1880-81. Increase.	Decrease.	Percentage of Increase or Decrease in 1881-82.	RAINFALL. 1880-81.	1881-82.	Percentage of Increase or Decrease in 1881-82.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.		Inches.	Inches.	
Trichinopoly.																
Government land	1,627,003	1,284,521	860,900	104,071	...	472	55,489	...	5,799	159,560	...	6,271	— 3·93	...	...	...
Inam land	232,970	189,877	117,114	17,291	482	...	4,739	663	...	22,030	1,145	...	+ 5·19	...	...	...
Zemindari	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total	1,859,973	1,474,398	978,014	121,362	10	...	60,228	...	5,136	181,590	...	5,126	— 2·82	41·68	32·90	—21·06
Madura.																
Government land	1,719,355	1,316,034	727,603	103,487	16,006	...	32,210	...	18,483	135,697	...	2,477	— 1·79	...	...	...
Inam land	240,445	222,862	109,891	8,392	1,536	...	3,907	...	1,464	12,299	72	...	+ 0·60	...	...	...
Zemindari	...	...	...	16	...	...	...	...	...	16	...	...	...	...	...	...
Total	1,959,800	1,538,896	837,494	111,895	17,542	...	36,117	...	19,947	148,012	...	2,405	— 1·59	35·90	25·85	—27·99
Tinnevelly.																
Srivaikuntham Anicut. Government land				6,721	...	4,434	17,407	1,596	...	24,128	...	2,838	—11·35	...	...	...
Inam land				280	...	43	803	105	...	1,083	62	...	+ 5·72	...	...	...
Zemindari				...	...	391	599	14	...	599	...	377	- 62·94	...	...	...
Total	Particulars not known.			7,001	...	4,868	18,809	1,715	...	25,810	...	3,153	—12·22	...	...	...
All other works. Government land				64,854	...	11,170	165,231	4,780	...	230,085	...	6,390	— 2·77	...	...	...
Inam land				4,953	...	530	13,360	644	...	18,313	114	...	...	...	...	...
Zemindari				3,937	...	1,733	13,660	2,372	...	1,759	639	...	+ 3·57	...	...	...
Total. Government land	1,898,232	1,531,666	1,105,361	71,575	...	15,604	182,638	6,376	...	254,213	...	9,228	— 3·63	...	...	...
Inam land	270,203	236,874	176,249	5,233	...	573	14,163	749	...	19,396	176	...	+ 0·90	...	...	...
Zemindari	...	...	...	3,937	...	2,124	14,259	2,386	...	18,196	262	...	+ 1·44	...	...	...
Total	2,168,435	1,768,540	1,281,610	80,745	...	18,301	211,060	9,511	...	291,805	...	8,790	— 3·01	33·58	23·01	—31·48
Coimbatore.																
Government land	3,760,771	2,677,805	1,885,342	72,079	...	4,772	20,604	5,089	...	92,683	317	...	+ 0·34	...	...	...
Inam land	324,511	308,849	215,051	8,716	427	...	2,621	702	...	11,337	1,129	...	+ 11·06	...	...	...
Zemindari	...	...	...	136	...	2	...	...	...	136	...	2	— 1·45	...	...	...
Total	4,085,282	2,986,654	2,100,393	80,931	...	4,347	23,225	5,791	...	104,156	1,444	...	+ 1·41	33·03	2 ·38	— 38·30
Salem.																
Government land	3,654,532	1,710,542	1,019,288	76,418	6,542	...	20,589	...	13,934	97,007	...	7,392	— 7·62	...	...	...
Inam land	260,532	152,671	92,315	7,940	...	3,760	974	...	745	8,914	...	4,505	— 50·53	...	...	...
Zemindari	...	...	...	449	...	...	233	..	...	682	...	...	...	...	...	...
Total	3,915,064	1,863,213	1,111,603	84,807	2,782	...	21,796	...	14,679	106,603	...	11,897	—11·16	37·16	27·04	— 27·23
Total Anicut. Government land				1,187,242	27,420	...	128,166	...	27,652	1,315,408	...	232	— 0·02	...	...	...
Inam land				300,959	611	...	26,766	...	1,768	327,725	...	1,157	— 0·35	...	...	...
Zemindari				165,963	47,453	...	4,699	937	...	170,662	48,390	...	+ 28·35	...	...	...
Total	Particulars not known.			1,654,164	75,484	...	159,631	...	28,483	1,813,795	47,001	...	+ 2·59	...	...	...
Total of other works. Government land				1,635,745	46,056		632,300	...	158,989	2,268,045	...	112,933	— 4·98	...	...	...
Inam land				399,257	...	19,597	131,335	...	42,549	530,592	...	62.146	— 11·71	...	...	...
Zemindari				29,451	...	13,419	15,657	627	...	45,108	...	12,792	— 28·35	...	...	...
Total	...	...	...	2,064,453	13,040	...	779,292	...	200,911	2,843,745	...	187,871	— 6·61	...	...	...
Grand Total, including Anicuts and Other Works. Government land	42,926,451	26,893,654	15,067,601	2,822,987	73,476	...	760,466	...	186,641	3,583,453	...	113,165	— 3·16	...	...	...
Inam land	7,860,961	7,174,118	4,033,183	700,216	...	18,986	158,101	...	44,317	858,317	...	63,303	— 7·34	...	...	...
Zemindari	...	...	...	195,414	34,034	...	20,356	1,564	...	215,770	35,598	...	+ 16·59	...	...	...
Total	50,787,412*	34,067,772*	19,100,784	3,718,617	88,524	...	938,923	...	229,394	4,657,540	...	140,870	— 3·02	Average. 37·85	29·31	— 22·56

* These figures do not correspond with those given in the similar statement for last year, as corrections in these areas have since been made in some districts.
2. Area twice cropped is entered twice over in column 4. This accounts for the extent entered in that column being in some cases higher than the figures in column 3.

E. GIBSON,
Acting Secretary.

GOVERNMENT

DEPARTMENT OF FIN

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT

QUANTITIES PER RUPEE

Provinces.	Districts.	Wheat.			Barley.			Rice (best sort).			Rice (common).			Great Millet (Cholum, Jowar), *Holcus Sorghum.*			Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.*		
		Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
Madras.	Ganjam	...	8 13	13 0	...	...	...	...	17 13	16 3	...	19 8	17 2	...	...	...	...	...	...
	Vizagapatam	8 0	10 0	14 0	...	...	...	9 0	9 0	9 8	11 5	11 5	11 14	17 13 21 10	21 10	26 11	22 13	23 13	
	Godavery	12 10	12 10	11 11	...	...	...	13 14	13 14	13 14	18 0	18 0	17 0	29 13 30 11	26 14	...	...	...	
	Kistna	13 11	13 11	12 3	...	...	...	15 11	15 11	15 11	16 5	16 5	16 5	25 0 25 0	23 6	...	...	...	
	Nellore	12 10	12 10	12 10	...	...	...	15 13	15 13	14 5	17 0	17 0	15 8	28 13 28 13	26 14	26 2	26 2	26 2	
	Cuddapah	16 3	15 6	14 11	...	...	...	12 6	12 6	12 6	14 8	14 2	12 14	31 10 31 10	27 3	33 5	33 5	31 14	
	Anantapur	12 8	12 8	11 8	...	...	...	12 13	12 13	13 14	14 0	14 0	15 2	33 0 33 0	34 0	23 8	23 8	18 8	
	Bellary	19 3	19 3	17 5	...	...	...	12 5	12 5	11 3	13 8	13 8	12 6	37 2 37 2	37 2	30 2	30 2	28 3	
	Kurnool	13 5	12 11	12 2	...	...	...	10 5	10 5	10 10	11 6	11 6	11 6	37 0 37 0	32 14	...	25 0	26 14	
	Madras	11 2	11 2	10 2	...	...	...	12 8	12 3	13 2	13 6	13 0	14 5	23 0 23 0	23 0	25 0	25 0	25 11	
	Chingleput	...	...	...	...	...	...	12 11	12 0	14 13	13 10	12 13	15 10	... ...	...	...	...	...	
	North Arcot	10 8	10 8	11 2	...	...	...	13 2	14 0	15 14	14 8	16 0	16 14	29 2 30 14	30 14	26 6	26 6	31 5	
	South Arcot	9 0	8 10	9 6	...	...	...	14 5	16 2	13 14	16 10	17 8	16 3	... 30 3	26 14	33 14	35 6	30 13	
	Tanjore	9 8	9 8	10 5	...	...	...	15 13	16 3	13 5	19 10	20 6	18 6	35 13 38 3	36 10	40 10	40 10	34 13	
	Trichinopoly	9 14	9 3	9 14	...	...	...	13 11	14 0	14 0	15 3	15 3	14 8	... ...	...	31 11	31 11	30 2	
	Madura	9 11	9 6	10 14	...	...	...	13 6	13 14	13 6	16 0	16 0	15 3	38 14 35 10	35 10	33 13	33 18	38 3	
	Tinnevelly	9 3	9 3	9 3	...	...	...	14 5	15 8	11 2	19 3	19 3	14 6	... ...	...	...	...	...	
	Coimbatore	11 8	11 8	12 5	...	...	...	13 0	13 0	13 0	14 11	14 14	15 6	27 13 26	26 14	33 6	31 13	35 0	
	Nilgiris	9 3	9 3	9 14	...	...	...	9 10	9 10	8 13	11 3	11 3	11 3	23 2 23	23 14	21 0	21 9	20 5	
	Salem	10 11	10 11	10 11	...	...	...	13 2	13 2	13 2	14 2	14 2	15 10	26 6 27	26 14	29 8	29 8	30 5	
	South Canara	9 0	8 10	8 10	...	...	...	9 11	9 11	9 11	10 5	10 5	13 8	... ...	...	...	...	...	
	Malabar	8 10	10 0	11 3	...	...	...	15 0	14 10	15 6	15 6	15 0	16 3	... ...	...	...	...	...	
Bombay.	Bombay	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Ahmedabad																		
	Kaira																		
	Surat																		
	Broach																		
	Tanun (Salsette)																		
	Colába (Alibág)																		
	Khandesh (Dhulia)																		
	Násik																		
	Ahmednagar																		
	Poona																		
	Sholápur																		
	Kaládgi (Bagalkot)																		
	Satara																		
	Belgaum																		
	Dharwar (Hubli)																		
	Ratnágiri																		
	Kanara (Karwar)																		
	Pánch Mahals (Godhra)																		
	Aden																		
	Asirgarh																		
	Baroda																		
	Disa																		
	Nimach																		
	Nasirabad																		
	Rájkot																		
Sindh.	Upper Sindh Frontier	14 4	14 4	13 0	26 8	24 4	16 12	11 4	11 4	9 6	20 0	20 0	13 0	40 0 40 0	40 0	26 0	26 0	24 0	
	Karachi	12 10	12 10	11 0	21 0	21 0	21 0	9 8	9 8	9 8	17 0	16 0	19 0	24 0 24 0	20 0	18 0	18 0	20 0	
	Haidarabad (Nakur)	17 0	16 0	12 0	24 0	26 0	20 0	14 0	13 0	12 0	18 8	17 0	16 0	29 0 30 0	28 0	25 0	25 0	28 0	
	Shikarpur	12 12	12 11½	12 12½	23 12	23 8	21 0	12 0	12 0	11 14	19 12	20 0	20 8	21 8 22 0	22 12	26 14	27 0	33 0	
	Sukkur	14 8	14 8	12 8	28 8	28 8	17 0	12 0	12 0	10 0	19 8	19 8	14 0	32 8 32 8	28 0	24 8	24 8	28 0	
	Thar and Parkar (Umarkot)	14 12	16 13	14 13	...	...	...	...	...	...	13 4	18 2	12 9	... ...	...	28 8	22 14	23 14	
Bengal.	*Western Districts.*																		
	Burdwan	13 8[a]	13 8	13 0	37 0	37 0	30 8	23 4	23 4	28 8	24 12	24 12	29 8	... ...	...	...	...	...	
	Bancoorah	13 0[b]	13 12	14 8	14 8	15 0	16 0	19 0	22 0	23 12	27 8	27 8	40 0	... ...	...	...	...	...	
	Beerbhoom	13 0[c]	13 4	14 0	...	...	...	16 0	16 8	19 8	22 8	22 8	27 0	... ...	...	...	...	...	
	Midnapore	12 0[d]	12 0	14 8	16 0	16 0	...	20 0	20 0	20 0	28 0	27 0	28 0	... ...	...	...	...	...	
	Hooghly	15 0[e]	15 0	14 0	...	...	...	10 0	10 0	10 0	18 0	20 0	20 0	... ...	...	...	...	...	
	Howrah	13 4	13 0	15 0	...	...	...	16 0	15 0	15 8	18 8	17 12	20 0	... ...	...	...	...	...	

[a] In the sub-divisions retail prices of salt are as follow :—Culna 15 seers, Cutwa and Ranegunge 13-4 seers.
[b] In the thanas retail prices of salt are as follow :—Kalpore 12 seers, Onda and Indas 16 seers, Bishenpore, Sonamukhy, and Kotulpore 13 seers.
[c] In the interior retail prices of salt range from 12 to 16 seers per rupee.

OF INDIA.

ANCE AND COMMERCE.

INDIA FOR THE 2nd HALF OF NOVEMBER 1882.

IN SEERS OF 80 TOLAHS.

Provinces.	Districts.	Lesser Millets, Rachi, &c. (Kavaru, Veragu, Sawee, Cheena, Coraloo, Murnwa, Nuglee), *Panicum Miliaceum, &c.*			Gram.			Firewood.			Salt.						Districts.	Provinces.
											Wholesale.			Retail.				
		Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.		
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.		
Madras.	Ganjam	...	35 3	38 2	...	26 10	26 10	...	215 13	215 13	...	...	...	...	15 8	12 0	Ganjam	Madras.
	Vizagapatam	23 3	23 3	24 3	23 6	21 2	29 3	93 5	93 5	87 8	14 0	15 3	11 11	13 6	14 0	10 8	Vizagapatam	
	Godavery	32 13	32 13	29 2	24 3	24 3	31 8	161 13	161 13	194 6	14 10	14 10	12 8	14 10	14 10	12 8	Godavery	
	Kistna	...	...	35 5	22 3	23 6	29 10	145 13	145 13	145 13	15 11	15 11	13 2	15 3	15 3	12 14	Kistna	
	Nellore	30 14	30 14	30 14	19 14	22 0	25 3	93 5	93 5	93 5	14 13	14 13	12 11	14 5	14 5	12 11	Nellore	
	Cuddapah	31 8	31 8	33 0	27 8	27 8	34 6	194 6	194 6	194 6	17 8	17 8	14 6	16 10	16 10	13 14	Cuddapah	
	Anantapur	31 0	31 0	33 14	32 8	32 8	39 3	...	...	...	14 5	14 5	11 14	14 5	14 5	11 14	Anantapur	
	Bellary	38 13	38 13	34 14	30 3	30 3	33 10	94 13	85 0	97 3	15 13	16 6	12 13	15 8	16 2	12 8	Bellary	
	Kurnool	...	...	...	26 3	25 8	27 11	162 11	190 8	186 10	15 3	15 3	12 8	14 13	14 13	12 2	Kurnool	
	Madras	28 6	28 6	27 0	25 5	25 5	28 8	87 8	87 8	81 6	16 11	16 11	14 0	16 3	16 3	13 8	Madras	
	Chingleput	27 6	26 11	27 6	25 0	24 3	28 2	92 5	92 5	77 13	17 5	17 5	12 13	17 0	17 0	12 6	Chingleput	
	North Arcot	35 2	32 8	34 3	26 10	26 10	33 8	140 0	140 0	140 0	14 13	14 13	12 11	14 5	14 5	12 5	North Arcot	
	South Arcot	35 0	28 10	29 5	29 5	29 5	28 13	201 11	201 11	201 11	19 5	18 14	15 5	18 6	18 6	14 13	South Arcot	
	Tanjore	39 5	36 3	28 0	28 0	29 11	194 6	194 6	194 6	15 10	16 10	13 5	15 3	16 2	13 5	Tanjore		
	Trichinopoly	32 11	32 11	30 13	30 13	32 5	97 3	97 3	97 3	17 13	17 13	13 13	17 0	17 0	13 0	Trichinopoly		
	Madura	36 6	34 2	32 0	32 8	37 6	121 8	121 8	126 6	17 13	17 13	13 13	16 13	16 13	13 8	Madura		
	Tinnevelly	...	...	27 3	27 3	27 13	70 0	70 0	81 10	18 5	18 5	15 3	17 13	17 13	14 13	Tinnevelly		
	Coimbatore	29 8	36 2	30 6	28 8	39 14	131 3	131 3	131 3	14 11	14 11	13 3	14 10	14 10	12 11	Coimbatore		
	Nilgiris	21 10	21 10	20 11	19 14	23 3	161 13	161 13	121 8	13 0	13 0	9 3	12 0	12 0	9 3	Nilgiris		
	Salem	30 13	32 8	33 8	33 8	34 8	151 10	151 10	151 10	16 0	16 6	14 5	15 6	15 6	13 5	Salem		
	South Canara	19 6	21 2	24 3	22 3	20 3	116 10	116 10	109 5	15 8	15 8	13 2	14 13	14 13	12 2	South Canara		
	Malabar	21 3	28 6	26 14	26 14	29 6	121 8	121 8	121 5	15 5	15 5	10 13	14 6	14 6	9 14	Malabar		
Bombay.	Bombay	No return received			21 0	20 8	16 12	160 0	160 0	160 0	*13 1	*12 10½	*10 5	13 0*	12 8*	10 5*	Bombay	Bombay.
	Ahmedabad																Ahmedabad	
	Kaira																Kaira	
	Surat																Surat	
	Broach																Broach	
	Tanun (Salsette)																Tanun (Salsette)	
	Colába (Alibág)																Colába (Alibág)	
	Khandesh (Dhulia)																Khandesh (Dhulia)	
	Násik																Násik	
	Ahmednagar																Ahmednagar	
	Poona																Poona	
	Sholápur																Sholápur	
	Kaládgi (Bagalkot)																Kaládgi (Bagalkot)	
	Satara																Satara	
	Belgaum																Belgaum	
	Dharwar (Hubli)																Dharwar (Hubli)	
	Ratnágiri																Ratnágiri	
	Kanara (Karwar)																Kanara (Karwar)	
	Pánch Mahals (Godhra)																Pánch Mahals (Godhra)	
	Aden																Aden	
	Asirgarh																Asirgarh	
	Baroda																Baroda	
	Disa																Disa	
	Nimach																Nimach	
	Nasirabad																Nasirabad	
	Rájkot																Rájkot	
Sindh.	Upper Sindh Frontier	...	...	...	21 0	20 8	16 12	160 0	160 0	160 0	*13 1	*12 10½	*10 5	13 0*	12 8*	10 5*	Upper Sindh Frontier	Sindh.
	Karachi	9 8	11 0	13 0	18 0	18 0	20 0	105 0	105 0	105 0	17 13	17 13	14 3	17 0	17 0	14 0	Karachi	
	Haidarabad (Nakur)	24 0	24 0	...	16 0	17 0	10 0	320 0	320 0	320 0	14 0	14 0	12 0	14 0	14 0	12 0	Haidarabad (Nakur)	
	Shikarpur	...	...	...	20 4	19 12	16 14	250 0	240 0	112 0	13 7	13 4	11 1	13 5	13 0	11 0	Shikarpur	
	Sukkur	...	...	...	21 8	21 8	17 0	160 0	160 0	120 0	13 0	13 0	11 0	12 8	12 8	11 0	Sukkur	
	Thar and Parkar (Umarkot)	...	...	...	...	...	...	141 0	160 0	160 0	11 5	11 5	9 10	11 5	11 5	9 10	Thar and Parkar (Umarkot)	
											Prices per md. of 40 seers.							
											R a. p.	R a. p.	R a. p.					
Bengal.	*Western Districts.*																*Western Districts.*	Bengal.
	Burdwan	...	...	...	19 12	19 8	24 0	120 0	120 0	100 0	2 14 6	2 15 0	...	18 12	13 8	10 0	Burdwan	
	Bancoorah	...	...	...	19 0	18 8	20 8	280 0	240 0	320 0	3 0 0	3 0 0	...	13 0	13 0	9 0	Bancoorah	
	Beerbhoom	...	...	...	20 0	19 8	21 0	180 0	200 0	180 0	3 1 0	3 2 5	...	12 0	12 0	9 0	Beerbhoom	
	Midnapore	...	...	...	17 0	17 0	19 0	155 0	155 0	160 0	2 14 0	2 14 0	...	18 8	13 8	10 0	Midnapore	
	Hooghly	...	...	...	18 0	20 0	22 0	120 0	120 0	120 0	2 14 0	2 14 0	3 12 0	13 9	13 9	9 0	Hooghly	
	Howrah	...	...	...	20 0	19 8	22 0	80 0	80 0	80 0	2 13 0	2 13 0	3 14 0	13 0	13 0	10 8	Howrah	

* In common use.
[d] In the sub-divisions retail prices of salt are as follow :—Ghattal 15-4 seers, and Tumluk 13-8 seer.
[e] In the sub-divisions retail prices of salt are as follow :—Serampore 13 seers and Jehanabad 13-8 seers.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT INDIA FOR THE 2nd HALF OF NOVEMBER 1882—*continued.*

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

PROVINCES.	DISTRICTS.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholum, Jowar), *Holcus Sorgnum.* Present fortnight.	Great Millet (Cholum, Jowar), *Holcus Sorgnum.* Past fortnight.	Great Millet (Cholum, Jowar), *Holcus Sorgnum.* Corresponding fortnight of 1881.	Bulrush Millet (Cumboo, Bajra), *Penecillaria Spicata.* Present fortnight.	Bulrush Millet (Cumboo, Bajra), *Penecillaria Spicata.* Past fortnight.	Bulrush Millet (Cumboo, Bajra), *Penecillaria Spicata.* Corresponding fortnight of 1881.	Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Cornloo, Murhwa, Nagiee), *Panicum Miliaceum, &c.* Present fortnight.	Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Cornloo, Murhwa, Nagiee), *Panicum Miliaceum, &c.* Past fortnight.	Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Cornloo, Murhwa, Nagiee), *Panicum Miliaceum, &c.* Corresponding fortnight of 1881.	Gram. Present fortnight.	Gram. Past fortnight.	Gram. Corresponding fortnight of 1881.	Firewood. Present fortnight.	Firewood. Past fortnight.	Firewood. Corresponding fortnight of 1881.	Salt. Wholesale prices per maund of 40 seers. Present fortnight.	Salt. Wholesale prices per maund of 40 seers. Past fortnight.	Salt. Wholesale prices per maund of 40 seers. Corresponding fortnight of 1881.	Salt. Retail. Present fortnight.	Salt. Retail. Past fortnight.	Salt. Retail. Corresponding fortnight of 1881.	DISTRICTS.	PROVINCES.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	R a. p.	R a. p.	R a. p.	S. Ch.	S. Ch.	S. Ch.		
	Central Districts.																																		*Central Districts.*	
	Calcutta	14 0	13 11	14 0	24 8	23 12	30 0	10 0	10 0	10 0	17 12	17 12	17 12	...	...	...	...	...	...	...	...	...	21 5	21 5	26 14	90 0	90 0	90 0	2 10 0	2 10 0	...	14 9	14 9	10 0	Calcutta	
	24-Pergunnahs	12 6*e*	13 5	12 0	17 8	16 0	26 8	9 8	8 0	10 0	17 0	18 0	17 8	26 0	...	16 0	...	...	...	...	...	...	18 12	18 12	22 8	90 0	100 0	100 0	3 0 0	3 0 0	...	13 5	13 5	10 0	24-Pergunnahs	
	Nuddea	16 0*f*	14 8	16 0	22 15	...	40 0	14 8	15 8	14 8	18 12	19 0	20 0	...	...	...	...	...	...	...	...	...	18 12	18 12	26 0	...	...	...	2 14 1	3 0 0	...	11 10½	12 13½	10 0	Nuddea	
	Khoolna	...*g*	...	...	...	...	...	16 0	16 0	...	24 0	24 0	...	...	...	...	...	...	...	...	...	...	12 0	12 0	...	200 0	160 0	...	3 2 0	3 2 0	4 0 0	11 0	11 0	...	Khoolna	
	Jessore	11 0*h*	10 0	14 0	...	...	...	15 0	16 0	20 0	25 0	22 8	30 0	...	...	...	...	...	...	...	...	...	17 0	16 0	19 0	120 0	120 0	110 0	3 0 0	3 0 0	...	11 8	11 8	8 0	Jessore	
	Moorshedabad	16 0*i*	16 0	16 0	...	...	...	14 4	14 4	16 0	21 0	21 0	25 0	...	...	...	...	...	...	...	...	...	22 0	22 0	33 8	120 0	120 0	120 0	3 0 0	3 0 0	...	12 0	12 0	10 0	Moorshedabad	
	Dinagepore	13 0*j*	13 12	15 4	21 0	13 5	20 0	16 0	20 0	20 6	20 0	27 8	28 13	...	...	...	...	...	...	...	...	...	16 0	14 0	16 0	160 0	160 0	180 0	3 8 0	3 4 0	...	11 0	12 0	8 12	Dinagepore	
	Rajshahye	15 0*k*	15 0	13 8	33 12	26 4	48 12	13 8 to 17 0	15 0 to 18 0	18 0	19 11 to 21 0	19 11 to 21 0	28 2 to 30 0	...	...	...	...	...	...	...	...	...	21 0	21 9	28 2	240 0	240 0	240 0	3 2 0	3 2 0	...	12 12	12 12	9 6	Rajshahye	
	Rungpore	20 0*l*	20 0	15 0	...	...	...	13 5	13 5	15 0	22 12	22 12	22 8	...	...	...	...	...	...	...	...	...	14 0	14 0	12 0	120 0	130 0	120 0	3 0 0	3 0 0	...	13 5	13 5	8 12	Rungpore	
	Bogra	9 12	12 0	24 0	...	...	...	15 0	15 12	18 0	26 4	28 2	30 0	...	...	...	...	...	...	...	...	...	10 8	12 0	20 0	67 8	67 8	67 8	3 2 8	3 4 0	...	12 0	12 0	8 10	Bogra	
	Pubna	18 0*m*	17 4	22 8	...	...	...	10 0	9 8	12 0	23 4	22 8	25 0	...	...	...	...	...	...	...	...	...	18 8	18 4	20 0	200 0	200 0	200 0	3 0 0	3 0 0	4 0 9	12 12	12 6	9 12	Pubna	
	Darjeeling	8 0*n*	8 0	8 0	8 0	8 0	8 0	6 0	5 0	5 0	13 0	12 0	14 0	...	...	...	...	...	...	...	...	...	11 0	8 0	8 0	160 0	160 0	160 0	4 8 0	4 8 0	...	8 0	8 0	5 0	Darjeeling	
	Jalpáiguri	10 0*o*	10 0	9 0	...	20 0	...	14 0	14 0	11 4	19 0	20 0	18 0	...	...	...	...	...	...	...	...	...	16 0	16 0	13 5	128 0	128 0	64 0	3 4 0	3 4 0	...	11 0	11 0	9 0	Jalpáiguri	
	Eastern Districts.																																		*Eastern Districts.*	
	Dacca	12 4*p*	13 5	11 14	40 0	40 0	40 0	20 0	22 10	22 10	25 0	25 0	27 0	...	...	...	...	...	...	...	...	...	21 5	21 5	26 14	90 0	90 0	90 0	2 10 0	2 10 0	...	14 9	14 9	10 0	Dacca	
	Furreedpore	20 0*q*	19 0	22 0	35 0	37 0	50 0	18 8	17 8	20 0	19 8	21 8	23 0	...	...	...	...	...	...	...	...	...	16 0	16 0	16 0	120 0	120 0	...	3 2 0	3 2 0	...	12 0	12 0	9 8	Furreedpore	
	Backergunge	...*r*	...	...	...	...	...	16 0	16 0	18 12	25 0	25 0	27 0	...	...	...	...	...	...	...	...	...	18 0	18 0	21 0	120 0	100 0	100 0	3 0 0	3 0 0	...	13 0	13 0	8 0	Backergunge	
	Mymensingh	12 8*s*	12 4	12 0	...	...	...	20 0	20 0	20 0	26 0	26 0	26 0	...	...	...	...	...	...	...	...	...	18 0	17 8	19 0	...	...	...	3 2 0	3 2 0	...	12 8	12 12	9 0	Mymensingh	
	Tipperah	12 0*s1*	12 0	12 8	...	...	...	22 0	18 0	24 8	29 8	28 0	36 8	...	...	...	...	...	...	...	...	...	17 0	16 0	19 0	...	...	...	3 4 0	3 2 0	...	12 4	12 8	9 13½	Tipperah	
	Chittagong	10 0*t*	9 0	11 4	...	...	...	15 0	14 0	16 0	22 8	22 8	25 0	...	...	...	...	...	...	...	...	...	13 0	16 0	17 0	120 0	120 0	80 0	2 14 0	2 14 0	...	13 0	13 0	11 0	Chittagong	
	Noakholly	...*u*	...	...	...	...	...	22 0	22 0	22 0	25 0	26 0	28 0	...	...	...	...	...	...	...	...	...	16 0	16 0	16 0	...	...	...	3 2 0	3 2 0	...	10 0	10 0	8 0	Noakholly	
	Chittagong Hill Tracts	...	...	...	...	...	...	13 5	13 5	16 0	16 0	16 0	17 12	...	...	...	...	...	...	...	...	...	...	...	...	320 0	320 0	320 0	4 8 0	4 8 0	...	8 0	8 0	8 0	Chittagong Hill Tracts	
	Hill Tipperah	10 0	10 0	10 0	...	...	...	18 0	20 0	20 0	26 0	28 0	30 0	...	...	...	...	...	...	...	...	...	14 0	14 0	11 0	...	...	...	3 4 0	3 4 0	...	11 0	11 0	8 0	Hill Tipperah	
	Behar.																																		*Behar.*	
	Patna	22 0	22 0	20 0	28 0	28 0	40 0	14 0	14 0	14 0	22 8	22 8	22 0	...	...	...	...	...	...	...	...	...	27 0	27 0	40 0	180 0	180 0	180 0	3 0 0	3 0 0	...	10 8	10 8	...	Patna	
	Gya	18 8*v*	16 0 to 17 0	20 0 to 18 0	26 0	24 8	38 0	12 0	12 8	13 0	20 0 to 21 0	20 0 to 21 0	20 8 to 22 0	22 0 to 23 0	19 0	...	...	...	...	...	...	...	24 0	23 0	34 0	180 0	180 0	160 0	3 4 0	3 2 0	...	12 0	12 0	9 0	Gya	
	Shahabad	16 0 to 17 0	16 0 to 17 0	16 0 to 18 0	27 0	27 0	37 0	18 0	18 0	21 0	19 0 to 20 0	19 0 to 20 0	19 0 to 20 0	22 0 to 23 0	...	...	...	...	...	...	...	...	30 0	29 0 to 30 0	32 0 to 33 0	120 0	120 0	140 0	3 1 0	3 1 0	...	12 8	12 8	10 0	Shahabad	
	Durbhunga	14 0*w*	15 0	19 0	40 0	35 0	40 0	14 0	12 0	15 8	16 0	17 0	21 0	...	...	...	...	...	...	...	...	...	22 4	21 0	30 0	160 0	160 0	160 0	3 10 0	3 10 0	...	11 0	11 0	9 0	Durbhunga	
	Mozufferpore	18 0*x*	17 0	20 0	35 0	30 0	45 0	12 0	12 0	14 0	20 0	16 0	22 0	...	...	...	...	...	...	...	...	...	24 0	21 0	35 0	140 0	140 0	140 0	3 4 0	3 4 0	...	12 0	12 0	9 0	Mozufferpore	
	Sarun	16 8*y*	16 0	17 8	34 0	32 0	44 0	10 0	10 0	10 0	22 0	20 0	21 0	36 0	36 0	41 0	...	...	...	...	...	...	28 8	28 0	31 0	160 0	160 0	160 0	3 2 0	3 2 0	...	12 0	12 0	9 0	Sarun	
	Chumparun	17 0	16 0	21 0	30 0	30 0	...	18 0	14 0	14 0	21 0	21 0	30 0	...	...	...	...	...	...	...	...	...	22 8	23 0	36 0	...	...	...	3 5 0	3 5 0	...	11 0	11 0	8 8	Chumparun	
	Monghyr	21 0*z*	17 14	16 13	31 8	33 9	42 0	16 13	16 13	13 7	18 14	18 14	22 4	...	...	...	...	...	...	...	...	...	27 13	27 13	32 11	126 0	126 0	126 0	3 1 0	2 15 0	4 7 1	12 13	13 9	8 6	Monghyr	
	Bhágalpur	16 6*z1*	5 12	15 2	32 13	32 13	37 14	16 6	18 15	16 6	22 11	22 11	18 15	...	...	...	...	...	...	...	...	...	27 12	27 12	32 13	151 8	151 8	138 14	2 14 0	2 14 6	...	12 10	12 10	9 7	Bhágalpur	
	Purneah	15 0*z2*	15 0	16 0	...	...	40 0	16 0	16 0	20 0	20 0	20 0	18 0	32 0	...	...	...	...	...	...	...	...	20 0	20 0	22 0	160 0	160 0	120 0	3 10 0	3 12 0	...	11 0	11 0	8 0	Purneah	
	Maldah	18 0	16 0	16 0	...	...	...	16 0	16 0	16 0	23 0	20 0	27 0	...	...	...	...	...	...	...	...	...	19 0	20 0	20 0	160 0	120 0	120 0	3 2 0	3 6 0	...	12 0	12 0	9 0	Maldah	
	Southal Pergunnahs	14 0*z3*	14 0	13 4	...	...	...	16 0	16 0	22 0	23 0	23 0	25 0	...	...	...	...	...	...	...	...	...	19 0	19 0	20 0	200 0	200 0	200 0	3 2 0	3 2 0	...	11 8	11 8	8 0	Southal Pergunnahs	
	Orissa.																																		*Orissa.*	
	Cuttack	13 2	13 2	14 7	...	...	...	17 1	15 12	15 12	26 4*	26 4	24 15	...	...	...	...	...	...	...	...	...	23 10	21 0	24 15	160 0	160 0	160 0	2 12 0	2 12 0	3 8 0	14 0	14 0	11 0	Cuttack	
	Pooree	11 11	12 8	12 8	...	...	...	21 0	22 8	20 0	27 8	27 8	23 12	...	...	...	...	...	...	...	...	...	17 8	15 0	18 12	120 0	120 0	105 0	2 12 0	2 12 0	...	13 4	13 4	11 0	Pooree	
	Balasore	14 0*z4*	14 0	11 0	...	...	...	16 0	16 0	22 0	28 0	28 0	26 0	...	...	...	...	...	...	...	...	...	15 0	12 0	16 0	120 0	120 0	128 0	3 2 0	3 2 0	3 12 0	12 12	12 12	9 3	Balasore	
	CHOTA NAGPORE.																																		CHOTA NAGPUR.	
	South-Western Frontier Agency.																																		*South-Western Frontier Agency.*	
	Hazáribágh	16 0*z5*	14 0	18 0	24 0	16 0	36 0	10 0	11 0	12 0	20 0	20 0	25 0	...	...	...	...	...	...	...	...	...	20 0	20 0	28 0	240 0	240 0	240 0	...	3 4 0	...	11 0	11 0	9 0	Hazáribágh	
	Lohardugga	16 0*z6*	14 0	14 0	14 0	18 0	24 0	22 0	22 0	24 0	28 0	28 0	28 0	...	...	...	...	...	...	...	...	...	16 0	14 0	15 0	120 0	120 0	140 0	3 4 0	3 14 0	...	11 0	10 8	8 0	Lohardugga	
	Singbhoom	20 0	20 0	21 0	28 0	28 0	40 0	36 0	36 0	32 0	44 0	44 0	36 0	...	...	...	...	...	...	...	...	...	24 0	24 0	21 0	180 0	180 0	160 0	3 12 0	3 12 0	...	9 0	9 0	7 0	Singbhoom	
	Manbhoom	12 0*z7*	13 0	16 0	...	...	...	17 0	17 0	18 0	28 0	30 0	35 0	...	...	...	...	...	...	50	...	...	17 0	18 0	20 0	120 0	120 0	120 0	3 6 0	3 12 0	...	10 8	10 12	8 8	Manbhoom	

* In the interior retail prices of common rice range from 31-8 to 39-12 seers per rupee.

z1 In the sub-divisions retail prices of salt are as follow:—Baraset and Bussirhat 13 seers, Diamond Harbour and Barripore 10-8 seers, Barrackpore 12-13 seers, and Dum-Dum 12 seers.

f In the sub-divisions retail prices of salt are as follow:—Kooshtea and Bongong 13 seers, Meherpore 10-4 seers, Chooadanga 12 seers, and Ranaghat 12-14 seers.

g In the sub-divisions retail prices of salt is 12 seers per rupee.

h In the sub-divisions retail price of salt is 12 seers per rupee.

i In the sub-divisions retail prices of salt are as follow:—Lalbagh 11 seers, Jungypore 11-8 seers and Kandi 12 seers.

j In the sub-divisions retail prices of salt are as follow:—Kaungunge 9-8 seers and Nitpore 12 seers.

k In Naltore retail price of salt is 12 seers.

l In the sub-divisions retail prices of salt are as follow:—Begoosserai 12 seers and Jamui 12-5 seers.

m In Serajgunge retail price of salt is 15 seers per rupee.

n In the sub-divisions retail prices of salt are as follow:—Kurseong 10 seers and Silligori 10-5 seers.

o Retail price of salt at Fallacotta in Alipore sub-division is 10-8 seers per rupee.

p In the sub-divisions retail prices of salt are as follow:—Manickgunge 13 seers, Moonshegunge 10 seers 5½ chittacks, and Naraingunge 13-8 seers.

q In the sub-divisions retail prices of salt are as follow:—Goalundo, Bhanga, and Gopalgunge 12 seers and Madaripore 13 seers.

r In the sub-divisions retail prices of salt are as follow:—Patuakhali 10-10 seers, Perozepore 11 seers, and Bhola 9 seers.

* In the sub-divisions retail prices of salt are as follow:—Kishoregunge 10-10 seers, Atteu 12 seers, Jamalpore 11-6 seers and Netrokona 12-5 seers.

s1 In the sub-divisions retail prices of salt are as follow:—Brahmanberiah 12 seers and Chandpore 12-8 seers.

t Retail price of salt at Hathazaree 11 seers and Cox's Bazar 8 seers.

u In the interior retail prices of salt range from 8 to 12-4 seers.

v In the sub-divisions retail prices of salt are as follow:—Nowada 10 seers, Aurungabad 11-8 seers, and Jehanabad 12 seers.

w In the sub-divisions retail prices of salt are as follow:—Tajpore 11-8 seers, and Madhubani 12 seers.

x In the sub-divisions retail prices of salt range from 10 to 13 seers.

y In the interior retail prices of salt are as follow:—Sewan 12-2 seers and Gopalgunge 12 seers.

z In the sub-divisions retail prices of salt are as follow:—Gaibanda 11 seers and Kurigram 10 seers.

z1 In the sub-divisions retail prices of salt are as follow:—Banka and Soopole 11 seer, Mudehpoora 10-8 seers.

z2 In the sub-divisions retail prices of salt are as follow:—Kissengunge 10 seers, Arrareah (Ranigunge) 11 seers.

z3 In the sub-divisions retail prices of salt are as follow:—Deoghur and Rajmehal 12 seers and Godda 11 seers.

z4 In Bhograk retail price of salt is 11 seers per rupee.

z5 Retail price of salt at Chatra 11 seers and at Khurruckdiha 12-4 seers.

z6 At Daltongunge retail price of salt is 14 seers per rupee.

z7 Retail price of salt at Roghunathpore and Govindpore 12 seers, and at Rurrabazar 10 seers.

SUPPLEMENT TO THE GAZETTE OF INDIA, DECEMBER 23, 1882.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT INDIA FOR THE 2nd HALF OF NOVEMBER 1882—*continued.*

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

Provinces.	Districts.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholum, Jowar), *Holcus Sorghum.* Present fortnight.	Great Millet (Cholum, Jowar), *Holcus Sorghum.* Past fortnight.	Great Millet (Cholum, Jowar), *Holcus Sorghum.* Corresponding fortnight of 1881.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.* Present fortnight.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.* Past fortnight.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.* Corresponding fortnight of 1881.	Lesser Millets, Ragi, &c. (Kavaru, Varagu, Sawee, Cheena, Coralloo, Murhwa, Nuglee), *Panicum Miliaceum, &c.* Present fortnight.	Lesser Millets, Ragi, &c. (Kavaru, Varagu, Sawee, Cheena, Coralloo, Murhwa, Nuglee), *Panicum Miliaceum, &c.* Past fortnight.	Lesser Millets, Ragi, &c. (Kavaru, Varagu, Sawee, Cheena, Coralloo, Murhwa, Nuglee), *Panicum Miliaceum, &c.* Corresponding fortnight of 1881.	Gram. Present fortnight.	Gram. Past fortnight.	Gram. Corresponding fortnight of 1881.	Firewood. Present fortnight.	Firewood. Past fortnight.	Firewood. Corresponding fortnight of 1881.	Salt. Wholesale. Present fortnight.	Salt. Wholesale. Past fortnight.	Salt. Wholesale. Corresponding fortnight of 1881.	Salt. Retail. Present fortnight.	Salt. Retail. Past fortnight.	Salt. Retail. Corresponding fortnight of 1881.	Districts.	Provinces.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	R a. per maund.	R a. per maund.	R a. per maund.	S. Ch.	S. Ch.	S. Ch.		
Assam.	Sylhet	12 0	12 0	13 0	...	...	...	14 0	14 0	17 0	31 8	31 8	35 0	...	...	...	...	...	...	...	...	...	108 0	108 0	108 0	3 4	3 4	...	12 4	12 4	9 8	Sylhet	Assam.
	Cachar	10 0	10 0	11 2	20 0	16 0	13 0	22 12	21 5	20 0	26 10	24 10	26 10	...	...	...	...	...	...	16 0	13 5	16 3	80 0	80 0	80 0	3 5	3 5	...	11 13	11 13	8 14	Cachar	
	Goálpárá	20 0	24 0	26 11	...	...	...	13 0	13 0	13 5	20 0	20 0	20 0	...	...	...	...	...	...	15 0	16 0	15 0	120 0	120 0	120 0	3 8	3 8	...	11 0	12 0	8 10	Goálpárá	
	Gáro Hills	4 0	4 0	4 0	...	...	...	5 0	5 0	5 0	18 0	18 0	20 0	...	...	...	...	...	...	8 0	8 0	6 8	160 0	160 0	160 0	5 6	5 6	...	6 6	6 6	5 5	Gáro Hills	
	Kámrúp	16 0	16 0	17 12	...	...	...	12 0	12 0	13 0	18 0	18 0	20 0	...	...	...	...	...	...	11 4	11 4	12 4	160 0	160 0	200 0	3 12	3 12	...	10 8	10 8	8 0	Kámrúp	
	Darrang	...	...	...	...	...	...	10 0	10 0	10 0	16 0	16 0	16 0	...	...	...	...	...	...	8 12	9 0	8 10	160 0	160 0	160 0	4 8	4 8	...	8 0	8 0	7 0	Darrang	
	Nowgong	...	...	...	...	...	...	13 8	13 8	11 8	16 0	16 0	16 0	...	...	...	...	...	...	8 0	8 0	8 0	100 0	100 0	80 0	5 0	5 0	...	8 0	8 0	8 0	Nowgong	
	Sibságar	...	...	...	...	...	...	6 8	6 8	7 0	18 0	18 0	18 0	...	...	...	...	...	...	10 0	9 0	10 0	80 0	80 0	120 0	4 8	4 8	...	8 0	8 8	7 0	Sibságar	
	Lakhimpur	8 0	8 0	8 0	12 0	10 0	10 0	9 0	8 0	10 0	13 0	16 0	13 0	...	...	...	...	...	...	13 0	10 0	12 0	200 0	200 0	80 0	5 0	5 0	...	8 0	8 0	7 8	Lakhimpur	
	Khásí & Jaintiá Hills	8 0	8 0	8 0	...	...	...	10 0	9 0	8 0	11 0	10 0	9 0	...	...	...	...	...	...	8 0	8 0	8 0	...	...	...	5 0	5 0	...	8 0	8 0	5 5	Khásí & Jaintiá Hills	
	Nága Hills	...	...	...	...	...	...	6 0	6 0	4 0	8 0	8 0	...	...	...	...	...	...	...	2 0	2 0	2 0	120 0	120 0	120 0	13 0	13 0	...	3 0	3 0	2 8	Nága Hills	
N. W. Provinces.	Dehra Dún																									S. Ch.	S. Ch.	S. Ch.				Dehra Dún	N. W. Provinces.
	Saháranpur																															Saháranpur	
	Muzaffarnagar																															Muzaffarnagar	
	Meerut																															Meerut	
	Bulandshahr																															Bulandshahr	
	Aligarh																															Aligarh	
	Kumaun																															Kumaun	
	Garhwál																															Garhwál	
	Bijnor																															Bijnor	
	Moradabad																															Moradabad	
	Budaun																															Budaun	
	Bareilly																															Bareilly	
	Sháhjáhánpur																															Sháhjáhánpur	
	Tarái Pergunnahs																															Tarái Pergunnahs	
	Muttra																															Muttra	
	Agra																															Agra	
	Farukhabad																															Farukhabad	
	Mainpuri																															Mainpuri	
	Etawah	No return received																								No return received						Etáwah	
	Etah																															Etah	
	Jalaun																															Jalaun	
	Jhánsi																															Jhánsi	
	Lalitpur																															Lalitpur	
	Cawnpore																															Cawnpore	
	Fatehpur																															Fatehpur	
	Bánda																															Banda	
	Allahabad																															Allahabad	
	Hamírpur																															Hamírpur	
	Jaunpur																															Jaunpur	
	Gorakhpur																															Gorakhpur	
	Basti																															Basti	
	Azamgarh																															Azamgarh	
	Mirzapur																															Mirzapur	
	Benares																															Benares	
	Gházipur																															Gházipur	
	Balia																															Balia	
	Pilibhít																															Pilibhít	
Oudh.	Lucknow																									S. Ch.	S. Ch.	S. Ch.				Lucknow	Oudh.
	Unáo																															Unáo	
	Bára Banki																															Bára Banki	
	Sitapur																															Sitapur	
	Hardui																															Hardui	
	Kheri																															Kheri	
	Fyzabad	No return received																								No return received						Fyzabad	
	Bharaich																															Bharaich	
	Gonda																															Gonda	
	Rai Bareli																															Rai Bareli	
	Sultánpur																															Sultánpur	
	Partábgarh																															Partábgarh	
Punjab.	Delhi	19 0	19 8	19 12	25 0	25 8	27 8	...	...	...	15 0	13 0	13 0	27 0	28 0	26 0	23 8	22 0	29 0	24 0	24 8	23 0	80 0	80 0	80 0	12 8	12 8	...	11 8	11 8	11 8	Delhi	Punjab.
	Gurgaon	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	No return received			Gurgáon	
	Karnal	20 0	20 0	20 8	32 0	32 0	35 0	...	...	...	12 0	12 0	13 0	32 0	32 0	30 0	22 0	20 0	22 0	26 8	26 0	26 8	160 0	160 0	160 0	12 0	12 0	...	11 12	11 12	10 0	Karnál	
	Hissar	20 0	19 0	21 0	33 0	32 0	30 0	...	...	...	10 0	10 0	10 0	34 0	34 0	38 0	27 0	27 0	29 0	31 0	30 0	31 8	80 0	80 0	80 0	12 8	12 8	...	12 0	12 0	10 0	Hissar	
	Rohtak	18 8	18 0	21 8	24 0	24 0	26 0	...	...	...	9 0	9 0	9 0	26 0	25 0	30 0	23 0	24 0	26 0	26 8	27 0	26 0	100 0	100 0	100 0	11 10	11 10	...	11 4	11 4	10 8	Rohtak	
	Sirsa	24 0	23 8	19 0	44 0	44 0	32 0	...	...	...	12 0	12 0	12 0	45 0	44 0	30 0	33 0	35 0	31 0	41 0	41 0	35 0	120 0	120 0	120 0	12 8	12 0	...	12 0	11 8	10 0	Sirsa	
	Umballa	24 0	23 8	22 4	32 0	32 0	35 0	...	...	...	14 8	14 8	14 0	40 0	40 0	36 0	28 0	28 0	24 0	29 12	28 4	25 8	140 0	140 0	160 0	13 12	13 12	...	13 8	13 8	11 4	Umballa	
	Ludhiana	25 8	26 0	21 8	40 0	38 0	34 0	...	...	...	12 0	12 8	12 0	42 0	40 0	34 0	28 0	27 0	26 0	35 8	34 8	30 0	100 0	100 0	100 0	14 10	14 10	...	14 8	14 8	11 8	Ludhiána	
	Simla	16 0	16 0	15 8	...	...	...	...	...	...	9 0	11 0	11 0	...	...	...	...	...	...	19 8	18 0	20 0	80 0	80 0	80 0	9 8	10 0	...	9 0	10 0	8 4	Simla	
	Jullundur	25 8	26 0	21 4	42 0	44 0	32 0	...	...	...	8 0	8 0	8 0	40 0	40 0	38 0	23 0	22 0	20 0	35 0	34 0	27 0	105 0	105 0	100 0	14 6	14 6	...	14 0	14 0	12 0	Jullundur	
	Hoshiarpur (a)	27 0	26 0	22 8	36 0	36 0	32 0	...	...	...	14 0	14 0	12 0	36 0	36 0	28 0	24 0	18 0	20 0	34 0	30 8	25 8	110 0	110 0	100 0	14 0	14 0	...	13 12	13 12	11 10	Hoshiarpur (a)	
	Kangra	24 0	24 0	22 0	40 0	40 0	34 0	...	...	...	16 0	15 0	14 0	...	...	...	...	...	...	21 0	24 0	16 0	140 0	140 0	140 0	11 8	11 0	...	11 0	10 8	9 0	Kangra	

a Bajra and gram failing.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT INDIA FOR THE 2nd HALF OF NOVEMBER 1882—*continued.*

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

Provinces	Districts.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholum, Jowari), *Holcus Sorghum.* Present fortnight.	Great Millet (Cholum, Jowari), *Holcus Sorghum.* Past fortnight.	Great Millet (Cholum, Jowari), *Holcus Sorghum.* Corresponding fortnight of 1881.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.* Present fortnight.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.* Past fortnight.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.* Corresponding fortnight of 1881.	Lesser Millets, Ragi, &c. (Kavaru, Varagu, Sawee, Cheenn, Coraloo, Murhwa, Nugiee), *Panicum Miliaceum, &c.* Present fortnight.	Lesser Millets, Ragi, &c. (Kavaru, Varagu, Sawee, Cheenn, Coraloo, Murhwa, Nugiee), *Panicum Miliaceum, &c.* Past fortnight.	Lesser Millets, Ragi, &c. (Kavaru, Varagu, Sawee, Cheenn, Coraloo, Murhwa, Nugiee), *Panicum Miliaceum, &c.* Corresponding fortnight of 1881.	Gram. Present fortnight.	Gram. Past fortnight.	Gram. Corresponding fortnight of 1881.	Firewood. Present fortnight.	Firewood. Past fortnight.	Firewood. Corresponding fortnight of 1881.	Salt. Wholesale. Present fortnight.	Salt. Wholesale. Past fortnight.	Salt. Wholesale. Corresponding fortnight of 1881.	Salt. Retail. Present fortnight.	Salt. Retail. Past fortnight.	Salt. Retail. Corresponding fortnight of 1881.	Districts.	Provinces
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.				
Punjab—*continued.*	Amritsar	26 0	27 4	22 0	50 0	53 0	26 0	...	...	...	14 8	14 8	12 8	40 0	39 0	27 8	25 8	25 8	20 4	...	...	...	37 0	37 8	26 8	85 0	85 0	65 0	14 12	14 12	...	14 6	14 6	12 8	Amritsar	Punjab—*continued.*
	Siálkot	29 0	28 0	21 0	45 0	47 0	32 0	...	...	...	18 0	17 0	14 0	34 0	34 0	29 0	27 0	27 0	20 0	...	...	...	27 8	26 0	22 0	130 0	130 0	120 0	15 0	15 0	...	14 0	14 0	12 4	Siálkot	
	Gurdáspur (*a*)	32 0	32 0	25 0	48 0	45 0	32 0	...	...	...	16 0	16 0	12 0	36 0	40 0	28 0	14 0	14 0	14 0	...	...	...	31 0	31 0	22 0	120 0	120 0	120 0	13 8	13 8	...	13 0	13 0	11 0	Gurdáspur (*a*)	
	Lahore (*b*)	25 0	25 0	21 0	45 0	45 0	35 0	...	...	...	13 0	13 0	10 0	50 0	30 0	28 0	27 0	27 0	20 0	...	...	...	36 0	32 0	25 0	70 0	80 0	80 0	15 0	15 0	...	14 0	14 0	11 0	Lahore (*b*)	
	Ferozepore (*c*)	23 0	23 0	20 0	48 0	42 0	34 0	...	...	...	13 0	12 0	10 0	...	...	32 0	...	...	26 0	...	...	...	41 0	38 0	29 0	90 0	90 0	80 0	13 12	12 0	...	13 8	12 0	11 0	Ferozepore (*c*)	
	Gujránwála (*d*)	27 4	27 8	20 8	45 0	55 0	32 8	...	...	...	18 0	16 0	14 0	40 0	40 0	26 0	25 0	25 0	16 0	...	...	...	28 12	28 12	22 8	95 0	95 0	95 0	15 4	15 4	...	15 0	15 0	12 0	Gujránwála (*d*)	
	Ráwalpindi	22 4	24 0	17 0	40 0	40 0	25 0	...	...	...	15 0	14 4	8 12	38 0	40 0	25 0	37 8	35 0	19 0	...	...	...	25 12	24 8	21 0	80 0	85 0	45 0	14 8	15 0	...	14 4	14 8	12 2	Ráwalpindi	
	Jhelum	25 0	25 0	18 0	39 0	39 0	30 0	...	...	...	10 0	10 0	8 0	32 0	32 0	22 0	32 0	32 0	22 0	...	...	...	25 8	25 8	21 0	160 0	160 0	90 0	16 8	16 8	...	15 8	15 8	13 0	Jhelum	
	Gujrát	29 12	29 4	20 8	48 0	46 0	30 12	...	...	...	14 0	14 0	8 0	40 0	40 0	28 0	40 0	38 8	26 0	...	...	...	27 0	27 0	20 8	100 0	100 0	80 0	*	*	...	15 4	15 0	12 4	Gujrát	
	Shahpúr (*e*)	23 0	22 0	16 4	35 0	34 0	26 0	...	...	...	14 0	12 0	11 12	30 0	30 0	20 0	32 0	32 0	20 0	...	...	...	28 0	24 0	21 0	320 0	320 0	320 0	17 0	17 0	...	16 0	16 0	14 0	Shahpúr (*e*)	
	Mooltan	17 0	17 0	15 0	29 0	28 0	23 0	...	...	...	10 0	10 0	8 0	30 0	30 0	21 0	26 0	26 0	22 0	...	...	...	25 0	23 8	19 0	90 0	90 0	90 0	14 4	14 4	...	14 0	14 0	12 4	Mooltan	
	Jhang	20 8	20 0	17 8	34 8	35 0	28 0	...	...	...	8 0	10 0	12 0	32 0	30 0	26 0	22 0	22 0	30 0	...	...	...	29 0	28 0	23 0	200 0	200 0	200 0	15 8	14 8	...	15 0	14 4	12 0	Jhang	
	Montgomery	20 0	20 0	18 0	32 0	31 0	25 0	...	...	...	5 8	5 8	5 8	...	...	...	...	...	...	...	...	...	33 0	31 0	22 0	200 0	200 0	200 0	13 0	13 0	...	12 0	12 0	10 4	Montgomery	
	Muzaffargarh (*f*)	20 0	18 8	16 8	28 0	28 0	23 0	...	...	...	7 0	7 0	5 0	18 0	18 0	17 8	23 0	22 0	18 0	...	...	...	20 0	20 0	18 0	100 0	120 0	100 0	*	*	...	13 8	13 0	12 0	Muzaffargarh (*f*)	
	Dera Ismail Khan (*g*)	21 9	19 15	17 4	33 0	28 4	30 0	...	...	...	9 1	9 1	7 8	40 0	38 2	31 4	31 8	29 3	23 11	...	...	...	26 9	24 8	25 2	100 0	100 0	100 0	53 0	62 8	...	50 0	60 0	56 4	Dera Ismail Khan (*g*)	
	Dera Gházi Khán	18 2	18 7	15 10	28 12	26 4	19 12	...	...	...	7 8	7 8	7 8	31 0	32 3	21 4	31 4	31 14	25 0	...	...	...	20 0	18 12	18 0	100 0	100 0	125 0	30 0	30 0	...	27 8	27 8	25 0	Dera Gházi Khán	
	Bannu	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	No return received			Bannu	
	Peshawar (*h*)	19 14	19 10	11 13	39 0	38 0	29 0	...	...	...	11 6	10 12	6 5	38 0	33 8	23 6	25 0	24 4	15 2	...	...	...	20 6	20 8	13 14	110 0	91 0	72 0	57 4	55 4	...	55 0	53 0	47 0	Peshawar (*h*)	
	Kohát	18 10	18 3	13 4	29 5	29 5	28 1	...	...	...	12 12	14 0	12 12	35 12	35 12	21 0	35 12	37 0	19 10	...	...	...	21 10	20 6	19 10	127 0	120 0	102 0	102 0	102 0	...	87 0	87 0	56 1	Kohát	
	Hazára	25 8	...	15 0	42 0	42 0	29 8	...	...	...	12 0	13 0	12 0	...	...	22 8	...	...	...	...	...	...	19 0	17 0	16 0	70 0	70 0	110 0	13 0	13 0	...	12 0	12 0	11 0	Hazára	
Central Provinces.	Nágpur	17 4	17 12	16 12	...	...	...	9 0	9 12	8 8	16 12	16 0	14 12	26 12	25 12	30 12	...	...	...	...	...	...	21 12	18 0	25 12	150 0	150 0	150 0	12 0	12 0	10 0	11 12	11 12	9 12	Nágpur	Central Provinces.
	Bhandára	17 0	19 8	21 0	...	...	...	9 0	9 12	10 0	23 0	23 4	18 0	24 4	24 0	24 0	...	...	...	...	...	...	22 0	22 8	24 0	...	...	...	11 0	11 0	9 12	10 8	10 12	9 8	Bhandára	
	Chánda	19 0	19 4	19 4	...	...	...	...	...	...	11 0	16 0	14 8	26 0	27 0	37 0	...	...	...	...	...	...	26 0	27 0	21 4	360 0	360 0	360 0	...	...	...	10 0	11 0	8 8	Chánda	
	Wardha	19 0	19 0	22 4	...	...	...	8 0	9 8	8 12	14 0	12 4	12 4	23 0	22 0	34 0	...	...	...	...	...	...	24 0	18 0	20 6	130 0	135 0	130 0	12 0	12 8	10 12	11 0	12 0	10 8	Wardha	
	Bálaghát	17 0	17 0	23 0	...	...	...	15 0	15 0	16 0	28 0	28 0	27 0	...	...	...	...	...	...	...	...	...	25 0	30 0	35 0	275 0	275 0	275 0	10 0	10 0	...	10 0	10 0	8 8	Bálaghát	
	Jubbulpore	18 0	17 12	20 0	21 0	20 0	17 0	12 0	11 0	11 0	17 0	15 0	16 0	30 0	28 0	27 0	19 0	18 0	18 0	...	...	...	28 0	29 0	34 0	120 0	120 0	110 0	11 14	11 12	...	11 8	11 6	9 0	Jubbulpore	
	Saugor	19 8	19 0	31 0	...	...	...	10 0	10 0	8 0	11 0	11 0	9 0	30 0	...	...	...	...	...	...	...	...	27 0	26 0	40 0	160 0	160 0	130 0	9 8	8 12	...	9 0	8 8	7 8	Saugor	
	Damoh	23 0	22 8	36 8	...	...	...	16 0	13 8	13 8	17 0	14 8	14 8	...	...	...	...	...	...	...	...	...	32 0	31 0	53 0	200 0	200 0	200 0	10 8	9 8	7 4	10 0	9 4	7 0	Damoh	
	Seoni	18 0	17 8	24 0	...	...	...	12 0	12 8	13 0	20 0	17 8	20 0	...	...	...	...	...	...	...	...	...	89 0	...	...	220 0	220 0	230 0	11 4	11 8	7 4	11 4	11 4	7 0	Seoni	
	Mandla	20 0	20 0	28 8	...	...	...	14 0	16 0	16 0	22 0	22 0	22 0	...	...	...	...	...	...	...	...	...	...	...	...	256 0	256 0	256 0	...	...	...	9 8	9 0	7 8	Mandla	
	Betúl	16 0	16 0	20 0	...	...	...	12 0	12 0	12 0	12 8	13 0	13 0	22 0	21 0	40 0	...	...	...	...	...	...	25 0	25 0	10 0	30 0	34 0	68 0	...	...	...	9 8	9 0	9 0	Betúl	
	Chhindwára	14 8	16 0	24 0	...	...	...	9 8	10 0	8 0	12 8	13 0	14 0	17 8	21 0	34 0	...	...	...	...	...	...	15 8	16 0	22 0	240 0	240 0	240 0	8 8	9 8	9 8	8 0	9 0	9 0	Chhindwára	
	Hoshangabad	15 7	15 7	18 0	...	...	...	5 0	5 0	4 0	13 0	13 0	10 4	21 4	24 0	...	21 4	23 13	18 0	...	...	...	17 8	16 8	31 0	200 0	200 0	200 0	9 8	9 8	8 0	8 0	8 0	8 0	Hoshangabad	
	Narsinghpur	16 8	16 8	21 0	...	...	...	10 0	10 0	10 8	13 0	13 0	12 8	...	...	...	...	...	...	...	...	...	23 8	22 12	31 0	160 0	160 0	140 0	10 8	10 8	...	10 0	10 0	5 4	Narsinghpur	
	Nimár	16 0	16 0	16 0	...	...	...	...	...	...	13 13	13 0	11 8	24 0	30 0	49 4	22 0	24 0	38 1	...	...	...	25 8	26 8	38 0	160 0	160 0	160 0	11 0	11 0	9 0	10 12	10 12	8 12	Narsinghpur	
	Raipur	28 5	29 8	39 0	...	...	...	22 0	21 0	22 0	37 5	37 0	42 8	...	...	...	...	...	...	...	...	...	18 0	19 0	28 6	120 0	120 0	160 0	13 0	13 0	10 7	12 12	12 12	9 8	Nimár	
	Sambalpur	16 4	19 13	23 0	...	...	...	35 0	35 0	30 0	52 8	44 0	50 0	...	...	...	...	...	...	...	...	...	22 6	34 0	24 0	110 0	110 0	230 0	11 0	11 0	10 0	10 0	10 0	9 8	Raipur	
	Biláspur	36 0	42 0	64 0	...	...	...	36 0	36 0	60 0	49 0	54 0	80 0	...	...	...	...	...	...	...	...	...	39 0	49 0	64 0	130 0	130 0	120 0	...	...	...	8 0	8 0	7 0	Sambalpur	
																																			Biláspur	
British Burma.	*Arakan Division.*																																		*Arakan Division.*	British Burma.
	Akyab	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Akyab	
	Northern Arakan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Northern Arakan	
	Kyoukpyoo	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Kyoukpyoo	
	Sandoway	...	...	...	...	...	...	27 7	27 7	27 7	33 9	33 9	33 9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	469 11	469 11	469 11	...	...	...	28 6	28 6	39 0	Sandoway	
	Pegu Division.																																		*Pegu Division.*	
	Rangoon town	15 5	15 5	15 5	...	...	...	12 3	12 3	12 9	12 9	12 9	13 2	...	...	...	...	...	...	...	...	...	19 7	19 7	19 7	320 0	320 0	320 0	50 11	50 11	50 11	22 10	22 10	22 10	Rangoon town	
	Tharrawaddy	...	...	...	...	...	...	14 4	16 5	9 11½	17 2	17 13	13 3½	...	...	...	...	...	...	...	...	...	17 13	31 9	11 11	535 11	535 11	535 11	...	...	...	29 12	27 7	19 0	Tharrawaddy	
	Prome	12 2	12 2	12 2	...	...	...	13 7	13 7	14 5	17 2	17 2	19 10	...	...	...	...	...	...	...	...	...	15 9	15 9	10 6	139 11	139 11	139 11	29 9	29 9	29 9	18 10	18 10	18 10	Prome	
	Irrawaddy Division.																																		*Irrawaddy Division.*	
	Henzada	...	...	...	...	...	...	14 5	14 5	14 5	19 8	19 8	19 9	...	...	...	...	...	...	...	...	...	...	...	...	183 8	183 8	183 8	29 9	29 9	32 4	29 9	29 9	32 4	Henzada	
	Bassein	...	...	...	...	...	...	14 8	...	13 11	16 3	...	13 2	...	...	...	...	...	...	...	...	...	13 0	...	16 13	213 8	...	307 0	31 13	...	24 14	29 7	...	44 5	Bassein	
	Thonegwa	...	...	...	...	...	...	10 12	10 12	13 0	14 11	14 11	19 6	...	...	...	...	...	...	...	...	...	22 7	22 7	11 3	184 8	184 8	246 0	47 5	47 5	44 5	37 5	37 5	39 6	Thonegwa	
	Thayetmyo	12 1	12 1	12 8	...	...	...	11 11	11 11	10 3	15 9	15 9	13 13	...	...	...	...	...	...	...	...	...	18 7	18 7	11 1	245 0	245 0	245 0	17 12	17 12	25 6	14 3	14 3	18 15	Thayetmyo	
	Tenasserim Division.																																		*Tenasserim Division.*	
	Moulmein town	12 2	12 2	...	...	...	...	12 2	12 2	11 8	15 5	15 5	14 5	...	...	...	...	...	...	...	...	...	12 2	12 2	...	220 0	220 0	220 0	32 5	32 5	32 0	22 12	22 12	28 6	Moulmein Town	
	Amherst	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Amherst	
	Tavoy	...	...	...	...	...	...	13 12	13 12	12 6	19 6	19 6	17 15	...	...	...	...	...	...	...	...	...	...	...	...	399 3	399 3	399 3	24 2	24 2	24 2	16 1	16 1	16 1	Tavoy	
	Mergui	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Mergui	
	Toungoo	...	...	...	...	...	...	18 5	18 5	18 5	21 5	21 5	21 5	...	...	...	...	...	...	...	...	...	12 9	12 9	12 9	24 0	24 0	24 0	30 12	30 12	30 12	18 12	18 12	18 12	Toungoo	
	Shwaygyin	...	...	...	...	...	...	10 10	10 10	14 3	12 7	12 7	15 9	...	...	...	...	...	...	...	...	...	...	...	...	250 0	250 0	250 0	32 3	32 3	37 4	18 14	18 14	18 14	Shwaygyin	
	Salween	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Salween	
Hyderabad Assigned Districts.	Secunderabad	16 12	17 4	16 5	...	...	...	7 14	7 8	7 5	9 13	9 13	9 13	25 14	25 14	24 14	...	...	27 0	27 0	...	...	16 12	17 4	21 1	125 0	125 0	130 0	10 14	11 1	9 10	10 6	10 8	9 3	Secunderabad	Hyderabad Assigned Districts.
	Bolarum	18 13	20 4	18 1	...	...	...	7 6	7 6	7 11	10 0	10 0	9 10	30 14	30 14	30 14	...	...	...	...	...	...	18 10	19 10	24 7	116 14	116 14	116 14	...	...	...	11 1	11 1	9 9	Bolarum	
	Chudderghat	13 0	13 8	12 8	...	...	...	7 0	7 0	6 12	9 0	9 8	8 12	27 0	27 0	27 4	34 0	34 0	27 4	...	...	...	17 0	17 8	22 12	80 0	80 0	80 0	...	...	...	9 8	9 8	8 12	Chudderghat	
	Amráoti	16 0	16 0	18 0	11 0	11 0	10 0	8 0	8 0	7 0	10 0	10 0	8 0	28 0	28 0	48 0	21 0	21 0	26 0	...	...	...	22 0	22 0	25 0	64 0	70 0	75 0	11 8	11 8	11 0	11 0	11 0	10 8	Amráoti	
	Akola	16 0	16 0	19 0	...	...	...	7 0	7 0	8 0	12 0	11 0	10 0	28 0	28 0	50 0	20 0	20 0	27 0	...	...	...	23 0	22 0	25 0	64 0	64 0	64 0	11 0	11 0	9 0	10 0	10 0	9 0	Akola	
	Ellichpur	14 8	15 0	17 0	12 0	14 0	12 0	8 0	8 0	8 0	10 0	10 0	10 0	26 0	27 0	31 0	24 0	25 0	26 0	...	...	...	16 0	16 0	25 0	64 0	64 0	64 0	...	...	...	10 0	10 0	10 0	Ellichpur	
	Buldána	19 0	19 0	20 0	...	...	...	...	...	...	11 0	11 0	11 0	32 0	32 0	34 0	28 0	28 0	40 0	7 8	7 8	7 8	22 0	22 0	25 0	64 0	64 0	64 0	...	...	...	11 0	11 0	10 0	Buldána	
	Wún	18 0	18 0	16 0	...	...	...	9 0	9 0	7 0	12 8	12 0	10 0	24 0	27 0	38 0	...	...	...	...	...	...	22 0	27 0	18 0	300 0	300 0	200 0	...	...	...	11 8	11 8	8 0	Wún	
	Básim	21 0	21 0	22 8	...	...	...	5 4	5 4	5 8	14 0	14 0	14 0	32 0	40 0	50 0	...	...	...	...	...	...	26 0	28 0	28 0	64 0	64 0	64 0	9 8	9 8	8 0	9 0	9 0	8 0	Básim	

(*a*) Jowar rising. (*b*) Jowar and gram falling. (*c*) Barley and gram falling. (*d*) Barley rising. (*e*) Gram falling. (*f*) Firewood rising. (*g*) Barley falling. (*h*) Jowar and firewood falling. * No wholesale salt sold.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT INDIA FOR THE 2nd HALF OF NOVEMBER 1882 — *concluded.*

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

Provinces	Districts.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholum, Jowar), *Holcus Sorghum.* Present fortnight.	Great Millet (Cholum, Jowar), *Holcus Sorghum.* Past fortnight.	Great Millet (Cholum, Jowar), *Holcus Sorghum.* Corresponding fortnight of 1881.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.* Present fortnight.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.* Past fortnight.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.* Corresponding fortnight of 1881.	Lesser Millets, Ragi, &c. (Kavaru, Varagu, Sawee, Cheena, Coraloo, Murhwa, Nuglee). *Panicum Miliaceum, &c.* Present fortnight.	Lesser Millets, Ragi, &c. (Kavaru, Varagu, Sawee, Cheena, Coraloo, Murhwa, Nuglee). *Panicum Miliaceum, &c.* Past fortnight.	Lesser Millets, Ragi, &c. (Kavaru, Varagu, Sawee, Cheena, Coraloo, Murhwa, Nuglee). *Panicum Miliaceum, &c.* Corresponding fortnight of 1881.	Gram. Present fortnight.	Gram. Past fortnight.	Gram. Corresponding fortnight of 1881.	Firewood. Present fortnight.	Firewood. Past fortnight.	Firewood. Corresponding fortnight of 1881.	Salt. Wholesale. Present fortnight.	Salt. Wholesale. Past fortnight.	Salt. Wholesale. Corresponding fortnight of 1881.	Salt. Retail. Present fortnight.	Salt. Retail. Past fortnight.	Salt. Retail. Corresponding fortnight of 1881.	Districts.	Provinces.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.		
Mysore	Bangalore	11 4	11 3	11 11	12 8	12 9	12 14	10 2	10 2	10 8	11 2	11 2	11 13	33 10	33 7	34 5	...	...	...	96 0	96 0	84 0	12 12	13 4	10 8	12 8	13 0	10 0†	Bangalore	Mysore.
	Kolar	...	...	...	11 2	11 2	12 0	13 10	13 10	12 14	13 14	14 3	14 1	...	...	...	...	...	41 ¾10	172 6	172 6	172 6	13 8	13 8	11 1	13 3	13 3	10 13†	Kolar	
	Túmkúr	14 8	14 8	14 0	13 0	13 0	12 0	12 8	12 8	12 0	13 8	13 8	13 0	...	...	...	...	...	...	340 0	340 0	340 0	12 0	12 8	10 0	11 8	12 0	9 8†	Túmkúr	
	Mysore	12 4	12 4	10 4	...	...	...	9 12	10 8	10 8	11 0	11 0	11 0	30 0	37 0	20 0	...	...	...	78 0	78 0	84 0	8 4	8 4	8 0	8 0	8 0	7 8†	Mysore	
	Hassan	12 0	12 0	10 8	12 8	13 0	11 0	11 8	12 0	11 0	12 8	13 0	12 0	300 0	400 0	600 0	...	...	...	400 0	400 0	600 0	...	...	...	9 0	10 0	7 8†	Hassan	
	Shimoga	14 11	14 11	11 9	15 12	15 12	12 10	10 8	10 8	9 12	12 10	13 10	12 14	35 11	35 11	31 0	...	...	...	480 0	480 0	480 0	11 0	11 0	...	10 8	10 8	8 6†	Shimoga	
	Kadur	15 0	15 0	17 0	14 0	14 0	16 0	11 0	11 0	12 0	13 0	14 0	16 0	...	...	...	...	...	...	64 0	64 0	64 0	...	...	...	10 0	11 0	8 0†	Kadur	
	Chitaldroog	16 0	16 0	14 0	18 0	18 0	16 0	12 0	12 0	11 0	13 0	13 0	12 0	48 0	48 0	38 0	28 0	28 0	28 0	100 0	100 0	100 0	8 0	8 0	16 0	8 0	8 0	16 0‡	Chitaldroog	
Coorg	Coorg	9 1	9 5	7 10	9 9	9 7	9 4	10 8	10 6	10 2	14 1	13 14	13 6	...	...	...	...	..	...	110 0	110 0	110 0	9 9	9 6	...	8 13	8 11	8 3	Coorg	Coorg.
Rajpootana.	Jeypore	17 0	17 0	14 8	24 8	24 0	21 0	6 0	6 0	6 0	9 0	9 0	9 0	23 0	20 0	22 0	21 8	22 0	18 0	...	...	...	16 4	14 4	...	16 0	14 0	12 0	Jeypore	Rajpootana.
	Kishengurh	17 0	16 8	17 8	27 8	27 0	27 4	8 0	9 0	8 8	9 8	10 0	9 0	27 0	26 8	27 0	20 0	19 0	21 0	...	...	...	...	...	...	15 8	16 0	12 8	Kishengurh	
	Kerrowlee	20 0	19 4	16 8	27 8	26 4	17 8	15 0	15 0	12 8	17 8	17 8	13 8	28 12	28 12	21 0	24 4	25 0	16 8	...	...	...	14 6	14 6	...	14 0	14 0	10 8	Kerrowlee	
	Ulwur	20 2	20 2	18 1	29 15	29 5	22 11	9 0	9 0	8 0½	12 7	12 4	11 12	28 10	28 11	22 5	24 7	23 8	19 5	...	...	...	29 0	28 3	21 7	...	...	...	Ulwur	
	Bhurtpore (City)	18 13	19 3	16 0	29 4	29 8	21 8	6 12	6 12	6 8	11 0	11 0	7 0	26 12	26 4	20 0	24 4	22 8	18 8	...	...	...	26 12	26 0	19 8	...	...	...	Bhurtpore (City)	
	Ajmere	16 0	16 0	15 8	24 0	24 0	24 0	5 0	5 0	5 0	8 0	8 0	8 0	24 0	23 0	24 0	17 0	18 0	19 0	...	...	...	24 0	24 0	22 0	17 0	17 0	15 0	Ajmere	
	Deoli Cantonment	17 8	17 4	20 10	22 5	24 4	24 1	...	...	...	11 8	11 8	10 0	23 0	23 0	24 0	21 4	20 12	24 0	...	...	...	24 10	24 0	22 12	...	...	...	Deoli Cantonment	
	Erinpura	17 13	17 14	18 0	32 0	31 10	31 0	...	...	...	8 0	8 0	7 0	20 0	20 6	25 0	23 0	23 6	25 8	...	...	...	23 1¼	23 12	19 13½	160 0	160 0	160 0	Erinpura	
	Sirohee	16 0	17 0	20 0	30 0	28 0	7 0	7 0	7 0	8 0	8 0	8 0	8 8	17 0	17 0	19 0	21 0	21 0	23 0	...	...	...	26 0	27 0	22 0	160 0	160 0	160 0	Sirohee	
	Abu	15 8	15 10	16 4	22 8	22 4	27 8	6 8	6 12	5 8	8 0	8 0	7 12	...	...	...	17 4	17 4	20 0	...	...	...	20 0	20 8	17 0	160 0	160 0	160 0	Abu	
	Anadra	17 4	17 0	18 0	23 8	25 4	34 0	7 0	7 4	6 0	9 0	9 0	8 8	..	...	...	19 8	19 8	23 0	...	...	...	22 8	23 8	18 12	...	...	...	Anadra	
	Hilly Tracts of Meywar	22 0	22 0	24 0	28 0	28 0	36 0	...	...	...	15 0	16 0	22 0	...	...	...	17 0	16 0	20 0	...	...	...	25 0	24 0	32 0	*	*	*	Hilly Tracts of Meywar	
	Meywar (Oodeypore)	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	S. Ch.	S. Ch.	S. Ch.				Meywar (Oodeypore)	
	Bánswára (Meywar Agency)																						R a. p.	R a. p. per md.	R a. p.	No return received			Bánswára (Meywar Agency)	
	Partábgarh („)	19 1	19 11	20 5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2 9 6	...	...	15 7	15 8	7 12	Partábgarh („)	
	Marwar (Jodhpore)	17 3	...	16 9	25 0	...	24 6	6 4	...	5 0	7 8	...	6 4	21 4	...	24 6	19 10	...	20 0	...	...	...	S. Ch.	S. Ch.	S. Ch.	15 10	...	14 6	Marwar (Jodhpore)	
	Bikaneer	12 0	13 0	11 0	...	...	...	3 4	3 4	3 0	6 10	6 10	6 8	...	...	...	22 0	22 0	19 1	...	...	...	18 6	19 0	16 10	...	...	...	Bikaneer	
	Boondee	17 0	17 0	22 0	28 4	28 0	31 0	10 0	10 0	9 0	10 8	10 8	10 0	29 0	29 0	28 0	...	...	...	160 0	160 0	160 0	12 12	12 12	10 8	12 6	12 8	...	Boondee	
	Kotah	17 12	17 6	23 4	14 0	14 0	27 8	10 0	10 0	7 12	13 4	13 4	10 0	24 0	23 8	33 4	18 0	15 0	16 0	240 0	240 0	240 0	12 4	12 12	...	11 12	12 8	10 4	Kotah	
	Tonk	15 6	15 3	18 2	24 1	24 2	21 13	7 0	7 0	7 8	9 14	9 8	9 8	27 3	25 14	22 14	20 8	20 14	20 5	160 0	160 0	80 0	13 ...	13 8	11 1	13 4	13 0	...	Tonk	
	Jhallawar	16 2	15 7½	20 11	11 15	12 0	17 14	...	...	...	10 2	10 2	8 13½	20 6	20 7½	28 4	18 6	18 6	18 0	160 0	160 0	160 0	14 0	14 3	11 2	13 13	14 0	...	Jhallawar	
	Shahpoora	17 8	17 8	21 2	21 8	21 8	27 12	12 4	10 0	14 5	14 5	15 0	19 9	18 0	26 8	18 8	18 0	20 0	21 18	21 0	21 2	...	13 3	13 3	11 4	12 6	12 6	10 5	Shahpoora	
	Dholpur	18 5	18 12	16 12	30 1	30 0	20 1	10 2	10 2	9 0	12 6	12 6	12 6	29 1	27 6	21 3	27 0	26 10	19 18	27 9	27 4	19 10	...	...	...	...	...	...	Dholpur	
Central India.	Indore	15 0	15 8	20 6	...	...	...	9 3	9 3	8 0	10 0	10 0	9 8	25 4	25 4	45 0	18 7	20 0	28 3	20 0	20 3	28 3	12 5	12 5	...	12 2	12 5	7 1	Indore	Central India.
	Gwalior	17 3	16 13	17 5	21 13	21 15	20 1	7 13	7 13	7 1	10 5	10 5	10 1	23 12	23 1	19 13	21 8	21 0	18 2	23 5	23 1	19 11	91 4	91 4	91 4	...	...	...	Gwalior	
	Goona	22 0	21 8	30 0	20 0	20 0	21 0	9 0	9 0	9 12	9 8	9 8	10 0	28 0	27 0	40 0	20 0	16 8	31 0	27 0	25 8	33 0	200 0	200 0	200 0	11 8	11 8	10 8	Goona	
	Baghelkhand (Sutna)	19 12	20 0	22 0	35 0	33 10	35 0	8 0	8 0	7 0	21 12	22 0	21 0	34 8	35 0	26 0	28 15	28 0	18 0	33 3	32 0	30 0	160 0	160 0	160 0	11 11	11 12	10 10	Baghelkhand (Sutna)	

* Eight pies per bundle. † Sea Salt. ‡ Earth Salt.

DEPARTMENT OF FINANCE AND COMMERCE,
(*Statistical Branch.*)

D. M. BARBOUR,
Secretary to the Government of India.

GOVERNMENT OF INDIA.

HOME DEPARTMENT.

LOCAL-SELF GOVERNMENT IN THE NORTH-WESTERN PROVINCES AND OUDH.

No. 2017, dated Fort William, the 21st December 1882.

From—A. MACKENZIE, Esq., C.S., Secretary to the Government of India, Home Department,
To—The Secretary to the Government of the North-Western Provinces and Oudh.

I am directed to acknowledge the receipt of your letter No. 372 of the 15th December, submitting a copy of a Resolution, No. 358 of the 5th idem, by His Honour the Lieutenant-Governor and Chief Commissioner on local self-government in the North-Western Provinces and Oudh, together with copies of other papers bearing on that subject.

2. In reply, I am to convey the thanks of the Government of India to Sir Alfred Lyall for the manner in which he has sought to give effect to the wishes and policy of the Government of India so far as the circumstances of the provinces under his charge would appear to admit. The Governor General in Council is particularly glad to observe that the Lieutenant-Governor has found it possible to introduce a large measure of local self-government throughout the municipal towns of those provinces, and His Excellency in Council is sanguine that, under the able and judicious guidance of Sir Alfred Lyall, there will soon be realized not only in these towns but also in the interior of the more advanced districts, a steady and real progress in the work of training the people to the intelligent management of their own local affairs.

3. From paragraph 6 of the Resolution it appears that the District Boards will, for the present, consist of an incorporation of all the subordinate Tahsili Boards within the district area, all the members of the Tahsili Board being *ex-officio* members of the District Board. This arrangement will probably work fairly well in cases where the Tahsili Boards are not numerous and where the district area is moderate and communication easy; but it may possibly be found difficult, where the opposite conditions obtain, to secure a full and regular attendance of members at the meetings of the District Board. The Local Government may in such cases deem it desirable either to constitute more than one Central Board in the district, or to provide for the election of a limited number of delegates from each Tahsili Board as members of the Central Board, and provision for enabling this to be done may perhaps usefully be embodied in the legislation which will now have to be undertaken. The point is one which the Governor General in Council commends to the attention of the Lieutenant-Governor.

4. The Government of India will be glad to receive at an early date a rough draft of the amendments in the law which the Lieutenant-Governor and Chief Commissioner considers to be necessary in order to give effect to the schemes now under acknowledgment.

No. 358, dated Camp Lucknow, the 5th December 1882.

RESOLUTION—By the Government of the North-Western Provinces and Oudh.

Read—

(1) Resolutions by the Government of India (Department of Finance), Nos. 3353 and 3514, dated 30th September and 10th October 1881.

(2) Resolutions by this Government, Nos. I to VIII of General Series, Decentralisation, Part II.—Administrative.

(3) Resolution by the Government of India (Home Department), No. $\frac{17}{747\text{-}67}$, dated 18th May 1882.

(4) Orders Nos. 145 and 147, dated 21st June 1882, and Nos. 160 and 162, dated 29th June 1882, issued by this Government to Divisional and District Officers.

(5) Replies of Divisional and District Officers to above.

(6) Resolution by this Government, No. 230, dated 7th August 1882.

(7) Minute recorded by the Hon'ble the Lieutenant-Governor and Chief Commissioner, dated 22nd August 1882.

(8) Report of Committee appointed under Resolution No. 230, dated 7th August 1882.

OBSERVATIONS.—In the first and second of the Resolutions quoted above, His Excellency the Governor General in Council, in declaring the principles upon which the decentralised system of finance as revised and extended was to be applied to Provincial Governments and Administrations, announced his intention that that system should now be accompanied by a material development of local self-government, and indicated generally on what principles and by what methods it seemed desirable to proceed in re-constituting the local committees and investing them with larger financial and executive authority.

2. In accordance with the views and instructions communicated in those Resolutions, the system of local administration in these provinces was carefully revised and re-organised, upon the plan of extending the functions of the existing municipal and district committees, and of placing those bodies in a more independent position. To a considerable degree the arrangements prescribed by the Resolutions of this Government (Nos. I-VIII), cited in the preamble above, were put in force and are now in operation. Upon the issue, however, by the Supreme Government of a subsequent Resolution, dated 18th May 1882, which gave a wider scope to, and explanation of, the policy announced, and which defined, in modification of some of the instructions contained in the earlier Resolutions, the principles upon which local self-government should be established throughout India, it became incumbent upon the Lieutenant-Governor and Chief Commissioner to review the arrangements previously made.

3. Accordingly, steps were taken, first, to obtain regarding the more important points recommended for consideration on the subject of local self-government in these provinces, the opinions and suggestions of the chief officers of this Government, of the municipal and district committees, and of leading native gentlemen most interested and best qualified to advise. The inquires thus instituted, which were prosecuted by officers in whose ability, experience, and impartiality the Lieutenant-Governor and Chief Commissioner has full confidence, procured from all the districts under this Government a valuable collection of information and practical advice. It is to be remembered that in these provinces the people at large have not yet had time perfectly to understand the principles or realise the objects of the new policy, both of which indeed are outside the circle of their ordinary experience; and that for the most part they cannot be expected, from want of the requisite preliminary knowledge, to be fully competent to advise as to details; but the Lieutenant-Governor nevertheless believes that the reports received may be taken as a fairly comprehensive representation of the present public opinion of the country upon the various points discussed. The second step was to appoint a committee of officers, selected from different parts of these provinces, with whom were associated four native gentlemen, for the careful consideration of the district and divisional reports and other papers (including a minute by the Lieutenant-Governor, dated 22nd August 1882), and for general consultation upon the main questions raised by the 18th May Resolution of the Government of India. To this committee Sir Alfred Lyall is much indebted for clear and well-reasoned conclusions upon all the principal matters referred for deliberation, especially upon the methods best adapted, in the present circumstances of the country, for carrying out the policy of local self-government as declared by His Excellency the Governor General in Council.

4. In proceeding to deal with the various questions to be examined, it will be convenient to begin by considering shortly the constitution of municipalities; and the first point to be decided is whether each municipality should be left to determine for itself whether or not the system of appointing the members of the Municipal Board shall be by popular election, or whether election

should be authoritatively declared the only system of appointment now to be employed. The Lieutenant-Governor and Chief Commissioner has resolved to accept the recommendation of a majority of the provincial committee, and to introduce the elective system into all the municipalities of these provinces, save such exceptional townships as Naini Tal and Fatehpur Sikri, where for particular reasons nomination by the Government had better for the present be retained. The elective system, in more or less completeness, is already in force in various places, although, as might perhaps have been expected, the privileges of voting and of candidature seem generally to have made little progress anywhere in popular regard, and to have been used sparingly, if not with indifference. In all countries the practice of popular election, upon any wide scale, extends slowly and by degrees. In India it is still unfamiliar; and the connection between the use of the suffrage and the administration of local affairs has not hitherto been so close and obvious as to invest the voting privilege with any striking character or remarkable value. Nevertheless, since increased attention to public affairs on the part of the more intelligent sections of the urban population throughout the country may now be anticipated, it is advisable that opportunity should be taken still further to test in various localities the suitableness of the elective system as a means of enlisting the interest and securing the co-operation of the citizens in the management of local affairs. The Lieutenant-Governor therefore requests all district officers to arrange with those municipalities which do not already elect their committees, or which have not already submitted proposals for election, or which are not especially excepted, for the preparation of schemes for introducing the system as early as may be convenient. The municipal committees of those towns in which election is in force should also consider whether the present constitutions cannot be amended or improved; and everywhere the system should be given a fair field for real and effective operation. The Lieutenant-Governor has determined that all Honorary Magistrates, exercising powers within a municipality, shall *ex-officio* be members of the Municipal Board in addition to the elected members; but in all other respects the entire body will be chosen by some form of voting, and in many cases the Honorary Magistrates are already members, or are likely to be elected. The size and distribution of electoral wards, the number of members that should represent each ward, the qualification of voters and candidates, the registration of voters, the nomination of candidates, and the mode of recording votes, are matters for which the municipalities concerned will frame their own rules. But the Lieutenant-Governor concurs with the majority of the provincial committee in deciding that for the purposes of complete representation, and with the object of avoiding confusion and securing the participation of inhabitants of different parts of each town in the elections, all municipalities should be divided into wards of moderate size, consisting either of large muhallas or of groups of muhallas, possessing from their contiguity or for other reasons interests and concerns to some extent in common. There is much force in the reasons given by the committee against introducing representation and voting by guilds, castes or sects, as this might in some places foster rivalries and prejudices which the present policy, if it succeeds in bringing together the representatives of the general community on the common ground of civil interests and local responsibility, may very much help to obliterate.

5. The second matter for consideration regarding the Municipal Boards is their chairmanship. In these provinces that position has been held almost invariably by an executive officer of the Government; and from the district and divisional reports it is evident that though in some towns it might be possible at once to substitute non-official for official chairmen, the sense of the municipalities generally is against compulsory substitution, and in favor of leaving the Boards to choose their own chairman. The matter was carefully discussed by the provincial committee, and the Lieutenant-Governor and Chief Commissioner accepts the proposal of the majority (including all the native members) that, except in a few municipalities to be specified by the Government, where the presidentship of the chief district officer is for the present necessary, Municipal Boards shall be at liberty to choose their own chairman,

official or non-official, as may seem to them proper. Accordingly steps will be taken by the Government for ascertaining in what municipalities the chief district officer must, at least for a period, remain as chairman, either in order that he may have time to transfer functions and accounts, often onerous and complicated, to a non-official successor, or for lack of a qualified non-official to deal with special circumstances, or by reason of the expressed wish of the Municipal Board itself. In other municipalities, including all those not situated at the head-quarters of districts, the Boards will elect their chairman, official or non-official, who will for the present hold office for the period of one year, and who may afterwards be re-elected. When a non-official member of Municipal Board is chosen to be chairman, he shall for a period of his tenure of office be appointed an Honorary Magistrate by the Government.

6. The foregoing are the principal points in the constitution of Municipal Boards that seem to require separate and special orders; and in passing from them to the examination of the more complex questions affecting the constitution and functions of the District Boards, the first thing to be determined is the territorial jurisdiction of the Boards now to be formed. At present there is a single Board in each district, formed of members resident in various parts of the district, who meet periodically as an undivided administrative and executive body at the head-quarters of the district. The almost unanimous opinion of those who have been consulted throughout the provinces is in favour of modifying this arrangement by constituting Boards of each tahsil or fiscal sub-division of the district, not as independent bodies, but as local sub-committees of the central District Board, exercising considerable power and discretion in all matters within the sub-divisional circle. The members of the subordinate Boards would invariably be members of the District Board, which would in fact be an incorporation of the different subordinate Boards within the district area, and would from time to time meet at the head-quarters of the district for the purpose of collective administration. The arguments for the adoption of this plan, drawn mainly from the reports of the district and divisional officers, are ably summed up in paragraphs 4 to 7 of the report of the provincial committee, where is also explained the reciprocal relations to be established between the subordinate and the central Boards. In a few exceptionally situated localities, such, for example, as the hill country of Kumaun and the sub-montane Tarai, it may for the present be advisable to retain the existing constitution of Local Boards; and there may possibly be districts whose local peculiarities may render preferable the distribution of the whole area into other sub-divisions than the tahsil circles. But for the provinces generally the Lieutenant-Governor quite agrees with the arguments in favour of making the area of each subordinate Board's jurisdiction conterminous with a tahsil; and this plan has accordingly been adopted. On the one hand, the formation of representative Boards for the chief subordinate divisions of each district will ensure better knowledge of and attention to local wants, more regular attendance at Board meetings, closer supervision over the departments under local management, and prompter and more effective execution of local works, than is possible with a single District Board, meeting only at head-quarters. On the other hand, to make separate and independent units of local administration within each district would tend to break up piecemeal the organisation of the district, and, while increasing the necessity for, would throw serious difficulty in the way of, the constant exercise of central direction and control. For it must be admitted that there is little or no prospect of obtaining for Sub-divisional Boards throughout the provinces, or even in different parts of many districts, an equal standard or anything like a level, of general intelligence and working capacity. To set up all these Boards as separate administrative bodies, would be to accept the risk of great and confusing variety in the results of their administration, a risk that would be greatest in the remote and backward tracts, where intelligence and energy are often most required, and where these qualities are of course least likely to be available on the spot. The business of settling matters of finance and adjusting public interests between the several Sub-divisional Boards concerned in them, would cause much correspondence and would lead to the multiplication of petty offices, with the probable consequence of wasting much

money and time on establishments, and in the preparation, submission, and scrutiny of returns and reports. The plan of making the central District Board an aggregate of the Sub-divisional Boards is, on the contrary, in many ways favourable to the adjustment of the mutual relation between the various subordinate Boards, and between them and the central Board; while it appears to be the best arrangement for maintaining a consistent and systematic administration of local affairs throughout the district. Moreover, upon no other system could the minor bodies generally rely upon securing the membership of the leading men within their jurisdiction; while, lastly, the plan has the great advantage of reducing to a minimum the necessity for official superintendence and interference. If the Sub-divisional Boards were independent, the expedient of placing them in different classes for the purpose of graduating their powers according to the circumstances and conditions of different parts of the provinces and of districts, would in the beginning probably be unavoidable. But all such intermediate classifications are apt to affect the simplicity of the broad ground-work and fundamental principle of self-government; and the Lieutenant-Governor infinitely prefers that the District Board, which will be by far the best judge of the claims and capabilities of each section of its own body, should delegate the proper degree of power and allot the requisite amount of funds to each interior circle. It will be for the District Board, as composed of members representing all parts of the district, to act, after full consultation, upon the system thus sketched out, and to draw up a scheme explaining the arrangements made for distributing the work of local administration to its various subordinate Boards and adjusting their mutual relations.

7. The second point to be determined is the constitution of the District Boards is the method of appointing their members. Whether and to what extent or proportion the membership of the Boards should be determined by election, was specially referred for inquiry and opinion to all the districts of the provinces; the point was discussed in every district, with the result described in the district and divisional reports; and, as is shown in the committee's report, it is closely debated by the provincial committee. The large towns are much alike everywhere: they are always centres of comparative wealth and intelligence; they form constituencies easily represented; and their administration is always open to public observation and criticism. But the ordinary Indian districts possess none of these characteristics; and as far as can be judged from these papers, the balance of native opinion preponderates decidedly against the unrestricted introduction into them of the elective system. Such a step certainly appears inadvisable at the present time, when the state of society varies so widely in different parts of the country, when the whole principle of self-government is novel and imperfectly understood, and when the practice of general election is not only unknown outside the towns, but is apparently not in accord with the feelings and ideas of those classes of the community that have the largest interest in local self-government, and to whom we must look for its success. It is manifest that local self-government —meaning a system of administration by the gratuitous exertions of persons best acquainted with the characteristics and needs of the neighbourhoods in which they are interested, and possessed of means, leisure, and public spirit enabling and impelling them to devote themselves to that administration—cannot be initiated and developed into real independence except by the co-operation of these classes, represented by men who can lead and will be trusted by the community at large. This is how all systems of local representation have begun in all times and countries; so that it would be remarkable if in such a country as I[illegible] the best way of beginning were found to be by popular suffrage. That [illegible] services of such persons could be secured by open election, that they themselves would seek election, or would generally allow their names to be submitted for the purpose, seems from all the information hitherto collected to be questionable. If therefore we find that the views and prepossessions, as far as they have been elicited, of persons qualified to form a judgment on the best mode of initiating local self-government in the extensive districts of these provinces, are largely in favour of leaving at the outset the constitution of the Local Boards more or less in the hands of the Government, there seems to be

no sufficient reason for endeavouring, almost on the spur of the moment, to invent any such elective machinery as would necessarily raise numerous and various questions of franchise and voting rights, and all the practical difficulties inseparable from the attempt to adjust an arbitrary system to the diverse circumstances of the country. In short, the solid and universally recognised fact that local self-government depends absolutely for its success upon the character and ability of those to whom it is entrusted, has led the Lieutenant-Governor and Chief Commissioner to the conviction that in inaugurating the policy in the districts, a system of careful and consultative nomination by Government of the electoral body is preferable to election by untried and unfamiliar methods. Sir Alfred Lyall believes that this conclusion is supported by [illegible] judgment and conforms to the present wishes of a large majority of the pe[illegible]

8. Having regard, then, to the extreme importance of placing in competent hands the duties and responsibilities of district administration in the beginning of what is avowedly an experiment, and of maintaining the continuity of existing arrangements which imply (in such matters as, for example, education and sanitation) a standard of civilisation in advance of the average intelligence and culture of native society, the Lieutenant-Governor and Chief Commissioner has decided to adopt in principle the recommendation formulated in the 9th paragraph of the provincial committee's report. The committee proposed that the Government should nominate for each tahsil an electoral body which should elect a certain number of its members to form the tahsil or Sub-divisional Board. They advised, also, that a minimum qualification (on the basis of land-revenue or license-tax assessment) should be fixed, and that details might be left to be settled by local officers. But the differences in the distribution of the population, of wealth, and of property in land, between and within different districts, are so large and manifold, that after much examination of the question it has been found impracticable to fix any comprehensive qualification for election purposes, much less to devise methods of canvassing and election that would be everywhere applicable or universally acceptable. The only comprehensive plan that can be laid down at the first introduction of the system is to determine, with reference to the area, revenue and tenures, population, wealth, and to other conditions and special features of each sub-division, how many persons, not being salaried officers of the Government, should fairly represent its inhabitants and interests. The district officer must then be empowered to prepare in each district the measures that may be most convenient and appropriate to its circumstances and peculiarities, for ascertaining how many suitable persons are available in its sub-divisions, and how they can best be chosen. The proceedings taken will be reported to the Government, and the lists of electors that are drawn up will be duly placed on record. As soon as the lists are complete, the electors will be asked to return from among their own body, by such method as many seem appropriate or necessary, the members of the Sub-divisional Board, who will hold office for a term of three years. All Honorary Magistrates will *ex-officio* be members of the electoral body for the sub-division in which they exercise jurisdiction; and for the head-quarters sub-division of the district the nomination will usually include a larger number of residents of property and influence than for the outlying sub-divisions. As a general rule, the electors should be residents of the sub-divisions for which they have a vote; but exceptions will be allowed, since residence is not necessarily a condition of interest in and knowledge of a locality, and the possession of a certain amount of landed property or of a place of business in a sub-division should qualify a person otherwise suitable. Accordingly, the Lieutenant-Governor directs that each Commissioner, in consultation with the chief officers of the district and the existing local committees, shall propose the number of electors to be fixed for each sub-division, and shall decide by what method the lists of the persons who are qualified and prepared to serve can best be filled up. It is not essential that the standard number of electors, which may vary in different districts and sub-divisions, shall in all parts of the country be at once nominated, though the full number of names should be sent up whenever this is not impossible. It may in some few places be sufficient to determine

that standard, and to appoint at once as many persons as may be fit and willing to serve, leaving room for additions to be made according to requirements and opportunities. The Lieutenant-Governor and Chief Commissioner is disposed to consider that the maximum number of the electoral body for a sub-division should be 100, and the minimum 25, and that the lists should be revised from time to time at intervals, at the longest, of three years. The number of members to be elected to each Sub-divisional Board should not exceed 8; and as vacancies take place from death, resignation, or other causes, the electoral body should be required to elect new members, who shall serve for the remainder of the Board's term of office. In a few outlying and sparsely populated tracts it may not be found possible to appoint a sufficiently large electoral body, and it may therefore be expedient and even unavoidable to proceed to the direct nomination of the Sub-divisional Boards; but it is hoped that in almost all parts of the country a sufficient number of electors may be found to give latitude in the choice of the members of the Boards. These details, however, are committed to the careful attention of Commissioners, who will have the goodness to report, before the end of the present official year, the conclusions eventually arrived at, and to submit, for sanction and publication in the Government Gazette, the names of the members of the Boards who have been elected or nominated. The Lieutenant-Governor agrees in the unanimous opinion expressed by the provincial committee that it is inexpedient to confer honorary titles *ex-officio* upon the members of Local Boards, seeing that the value of such titles is likely to be depreciated by their too general conferment; and all that appears to be required is the separate issue by the Government to each member of Local Boards of the notification of his appointment.

9. Upon the third point of importance in the constitution of the District and Sub-divisional Boards, namely, the appointment of their chairmen, the Lieutenant-Governor and Chief Commissioner observes that the question of the chairmanship of the District Board was the subject of prolonged discussion by the provincial committee. Their finding coincides in principle with the opinions and prepossessions generally elicited by the district inquiries and recorded in the district and divisional reports. Of the four native members of the provincial committee, three strenuously insisted upon the necessity for maintaining, by law, the chief district officer as chairman of the District Board. The fourth, a gentleman of large property and influence in his own district, held a different opinion; though it may be added that, while he is said to be exceedingly well fitted for the chairmanship, he had nevertheless declined the office in his own district on the grounds of indifferent health, want of leisure, and residence at a distance from head-quarters. And the district and divisional reports, which in the Lieutenant-Governor's opinion evince on the part of the writers a most satisfactory disposition to interpret the genuine feeling and wishes of the people, indicate clearly that the main current of native opinion runs decidedly towards maintaining the position of the chief district officer at the head of local affairs, until some experience in the transaction of public business and the management of committees has been gained by leading members of the native community. It is beyond doubt expedient that the District Board should be exempt from official pressure and unnecessary interference; but the Lieutenant-Governor is confident that in these provinces all district officers are thoroughly prepared to give every facility and aid to the policy of the Supreme Government, and to promote whatever measures may be adopted for its introduction. There is accordingly, in Sir Alfred Lyall's opinion, no reason why due weight should not attach to the [illegible]e and impartial reports of the officers best qualified to inform and advise their Government, when they declare that the native community, so far as it has been consulted, has expressed itself very widely in favour of retaining for the present the district officer as chairman of the District Board. It seems that the district officer is trusted and preferred, in the existing complexion of local affairs and feelings, for sound and practical reasons. There can be no question that the experience and business habits of an official chairman will at first be of great assistance to the District Boards; and there must also be

borne in mind the strong probability that the Boards will for a time need much direction and advice, possibly even admonition and control; especially where distinctions of creed or caste, or other differences, still keep alive the germs of antagonism among sections of the native community. It may be inferred that, in the majority of districts, the choice will be found to lie between, on the one hand, guiding the Boards by recognised official presidents, who have all the details of business at their command, and respecting whose impartiality as between the various prepossessions and motives of their own members the Boards seem to have no distrust, and, on the other hand, directing their course from the outside by checks, interference, and revision. For the more completely the official element is eliminated from the Board's constitution, the greater will be the need for enforcing a system of external superintendence. Under the former plan there is every prospect, looking to the spirit in which the new policy has been accepted by the officers under this Government, that the Boards, working in harmony with other parts of the public administration, will rapidly acquire experience and self-confidence fitting them for larger independence. And it has to be remembered that the machinery for external control upon which the latter system would be altogether based, though it cannot be wholly dispensed with, requires to be employed with great judgment and much reserve; otherwise we may have controversy instead of co-operation; and the effect may be to weaken rather than to strengthen the good understanding that it is most desirable and even necessary to preserve between the District Boards and the provincial authorities.

10. But however this may be, the middle course recommended by the committee in the 12th paragraph of their report, which couse the Lieutenant-Governor and Chief Commissioner has decided, with a slight amendment, to adopt, will further test the wishes of the country, and will allow time for opinion to form and show itself among the District Boards themselves. The committee recommend that the district officer shall be *ex-officio* chairman of the District Board, except when the Board, on application made to the Government by a majority of the members, receive permission to elect a non-official chairman from their own body. The Lieutenant-Governor and Chief Commissioner agrees to the principle with this modification, that as soon as all the members of the District Boards shall have been chosen, or at some time before the end of the present official year, they shall be invited to assemble for the purpose of deciding whether they wish to proceed to the election of a non-official chairman, or whether they will leave their chairman's appointment in the hands of the Local Government. If the Board by a majority, at a full meeting of not less than three-fourths of the whole body, decide to propose one of their own number to be their chairman, the Lieutenant-Governor will give their nomination his best consideration, and nothing except some plain reason, to be formally shown and recorded, will prevent him from acceding to their wishes. If, on the other hand, the appointment is left to the Local Government, the ordinary result will be that the chief district officer will be empowered to assume the chairmanship of the newly-constituted District Boards for the first term of office, after which it shall be open to the Boards to consider again the propriety of proposing to elect non-official chairmen. In any case, they shall proceed immediately to the election of a vice-president, or if the Board be a large one, of two vice-presidents; and these officers of the Board shall preside at ordinary meetings at which the presence of the president is not required. In districts in which the nomination of a non-official chairman has been confirmed, the appointment will take effect by notification in the Government Gazette.

11. A majority of the provincial committee was of opinion that no permament chairman should be appointed by the Sub-divisional Boards, that it would be sufficient for these Boards to elect a chairman at each meeting, and that the special executive duties that otherwise would devolve on the permanent chairman might be entrusted to the permanent secretary. It is, however, to be observed that some element of permanency in the office of president of the Sub-divisional Boards seems necessary, particularly at first, for the proper

transaction of business and in order to preserve continuity of administration and uniformity of procedure. It is understood that in all countries standing executive Boards elect their chairmen for a period more or less prolonged; because the chairman's duty is to hold the balance among parties, and generally to conduct discussion. And in this country as elsewhere, to require the executive Boards for local administration to elect a fresh chairman whenever they meet, would be to open a door to much change and contention, since any decided difference of opinion on matters before the Board might lead to a contest at each meeting over the election of the chairman. For these reasons, the Lieutenant-Governor and Chief Commissioner, agreeing with the minority of the provincial committee, directs that a chairman, who shall hold office for not less than one year, and for such longer period as the Board may deem advisable, shall be elected by each Sub-divisional Board.

12. A few points remain that are common to the constitution of both Municipal and District Boards, and that may be discussed with reference to both. First, in regard to the secretaryship of Municipal, District, and Sub-divisional Boards, the Lieutenant Governor and Chief Commissioner concurs in the proposals of the provincial committee. Every Board shall have one or more permanent secretaries, who shall be appointed by the Board itself, and shall be paid or unpaid as the Board may determine, provided always that if the secretary be a member of the Board, he shall receive from it no remuneration, and that a Municipal Board may for special reasons apply to the Government for the services as secretary of any native officer stationed in the district, who, if the application is sanctioned, will then become a member of the Board. The secretary will ordinarily be charged with the correspondence and with making proper arrangements, in consultation with the chairman, for the execution of works and measures passed by the Board. Knowledge of the English language is not indispensable in the secretary or chairman, as the language used in the discussions and records of the Board should be a point for the Board's decision. The existing rules for the guidance of municipal and local committees should be followed in conducting business; but Municipal and District Boards may make rules for their own guidance; and, subject to the approval of the District Board, the Sub-divisional Boards may also do so for themselves. The strength and cost of the office establishments to be employed by the Boards may in a great measure be left to be determined by the Boards themselves; though the first proposals of the District Boards should be passed by the Commissioner of the Division, who will see that the establishments entertained in different districts are, as far as funds and the work to be done admit, fixed at the outset according to a uniform standard. The Commissioner shall be the channel of communication between the Municipal and District Boards and the Government.

13. A second point is the membership of officers of the Government, other than the chief executive officer of the district, on Municipal and District Boards. This subject has been discussed by the provincial committee in paragraphs 15-18 and 25 of their report; and in the conclusions of the committee the Lieutenant-Governor and Chief Commissioner is disposed for the most part, though not altogether, to agree. It is advisable that membership of the Boards, Municipal and District, by virtue of salaried office under Government should cease, and that, unless popularly elected, Government officials should not be appointed members of the Municipal Boards. But in regard to Tahsildars, the feeling and opinion of the country, as ascertained and reported by the district and divisional officers, is almost unanimously in favour of their being members of the District Boards; and this fact, combined with the strong recommendation of the majority of the provincial committee, has led the Lieutenant-Governor and Chief Commissioner to decide that the Tahsildar shall be ordinarily nominated to the Board of his sub-division and shall be eligible like other members for appointment to its chairmanship and secretaryship. Assuming that for some time to come many Sub-divisional Boards will need control and guidance, the Lieutenant-Governor must repeat his conviction that for the present the arrangement which is preferable and will be more popular is not a

system relying for guidance upon external check and revision only, but a system that allows the presence upon the Board of at least one local officer whose position enables him to give material aid of various kinds in the transaction of business. Nor is the Lieutenant-Governor prepared to lay down the rule that State employ should absolutely disqualify native officers, other than Tahsildars, from membership of the District Boards, though such appointments will usually be made upon special exigencies. But since the Tahsildars of a district, if assembled together upon the central District Board, might exercise considerable official influence, the Lieutenant-Governor is willing to direct that, while all members of the Sub-divisional Boards are also members of the District Board, the Tahsildars shall not attend the District Board meetings unless summoned by that Board for reasons to be specially recorded by it.

14. The position in regard to Municipal, District, and Sub-divisional Boards, of the special officers who are attached locally to such State Departments as Public Works, Public Instruction, and Sanitation, is a third point of detail requiring separate consideration. The provincial committee has advised that the Executive Engineer should not, and that the Inspector of Schools and the Civil Surgeon should, be members of the District Board, and that all of these officials should not be members of Municipal Boards. In this conclusion of the committee the Lieutenant-Governor and Chief Commissioner does not altogether agree. The Civil Surgeon represents in his district the Sanitary Department of the State, while the Executive Engineer and the Inspector of Schools are in their divisions the advisers and inspectors of their respective departments; so that there is practically little or no essential difference in the character of the relative functions of these officials. The Lieutenant-Governor is of opinion that, following the analogy of systems elsewhere in force, it is of much importance, on the one hand, that the Boards should be able to act in consultation with the skilled departmental advisers of the Government, and on the other hand, that in important cases the views and conclusions of the Government should be explained to the Boards through the medium of the professional or scientific advisers of the State. Accordingly, the plan approved by him is that, while the officers referred to shall be entitled to attend meetings of Municipal, District, and Sub-divisional Boards in order to explain the objects and principles of the Government in dealing with the subject-matter of their departments, and if necessary to draw attention to cases requiring early orders, their functions shall be confined to their specialities, and they shall have the right to be present and to speak without being members. It may not ordinarily be necessary for them to attend Board meetings, for many cases will be disposed of by correspondence; but in important and difficult questions, especially those in which principles are involved, personal attendance and participation in discussion will unquestionably facilitate snd expedite decision; and upon such occasions they will be expected to exercise their right of representing the Government.

15. Lastly, in the 19th, 26th, and 59th paragraphs of the report submitted by the provincial committee, the subject of the control to be exercised over Boards, Municipal and District, by the district officer and the Government is discussed; and in the 19th paragraph the arguments and views of the majority and minority of the committee are clearly set out. The conclusion of the majority was to the effect that, while copies of the proceedings of all Board meetings should be promptly submitted for the information of the district officer, the latter, whether a member of the Board or not, should have power to advise the Board, to examine its records and call for and criticise its proceedings, and to suspend its action provisionally pending reference to the Commissioner and the Government. Upon this the Lieutenant-Governor and Chief Commissioner would remark that if the general result of the reforms now contemplated were to make the district officer entirely responsible as an independent supervising authority for the control and direction of the Boards' proceedings, and thus to substitute stringent powers of suspension and revision from without for recognised predominance within, it is doubtful whether the cause of local self-government would gain by the change, and whether the

native community generally and the Boards in particular would welcome it. This was the view of the four native members, who voted with the minority of the committee; while there is also the separate question whether the powers which the majority of the committee would confer upon the district officer are compatible with his position as chairman of a Municipal or District Board. It would, for example, hardly be in keeping with his position as member and chairman of one of these Boards that he should be able summarily to suspend, by the exercise of his external authority, measures passed by the Board against his vote; for nothing would be more likely to raise misunderstandings between the Boards and Government, and by suppressing independence of opinion and action, to deprive the new policy of its chief meaning and design. Such a power of veto as was suggested by the majority of the committee would, unless used with great discretion and forbearance, either reduce the Board's discussions on any really debateable points to a mere form, or else disappoint and mortify members heartily interested in the free expression and enforcement of their views. The Lieutenant-Governor therefore considers that, although copies of the proceedings of meetings should be submitted to the district officer, who should be authorised and enjoined to make suggestions to the Boards and to call for their records, and to report where necessary his comments and objections to superior authority, the power of provisionally suspending the action of District Boards should rest with the Commissioner of the Division, who, should he after reference to the Board feel obliged to exercise it, must at once report the circumstances to the Government for confirmation. The business of District Boards may be important, but it is not likely, except in very rare instances, to be urgent; and since the ordinary law gives to Magistrates ample power of interference when the public peace or the public health requires the adoption of prompt and decisive measures, it is hardly conceivable that the delay involved in a reference to the Commissioner would give rise to public inconvenience or loss. In regard, however, to Municipal Boards, which may have to confront emergencies arising in large towns, the Lieutenant-Governor considers that a power of provisional suspension may properly be reserved to the chief executive officer of the district, who will not so ordinarily belong to the Boards. But he will of course report his action without delay for the information and orders of Government. The measure of control over the Boards that the Lieutenant-Governor thus proposes to provide, will be embodied in the new laws that will be required for the completion of the scheme of local self-government in these provinces.

16. The foregoing paragraphs deal with the principles and contain all the directions, affecting the constitution and functions of Local Boards, that it seems necessary to explain at present; and there remain for consideration and decision only certain matters of administrative detail connected mainly with local finance. Such of the financial questions of detail as depend upon the adjustment of responsibility between the Provincial Government and the Local Boards, and between District and Municipal Boards, will be treated in a separate Resolution; and it will here be sufficient to indicate generally the principles upon which the adjustments will be carried out.

17. The first of the questions to be considered is the extent to which municipal funds may fairly be relieved of police charges and the method of adjusting the charges for which they are fairly liable. The question was discussed by the provincial committee, and the unanimous conclusion of the committee is stated in the 27th paragraph of their report:—

"The preservation of peace and the prosecution and detection of crime are duties for which municipal revenues can hardly be said to be fairly liable, as these duties seem to devolve more equitably on the central Government of the country than on the scattered municipal towns. But the cost of watch and ward, including under this term such additional duties of a miscellaneous kind (*e.g.*, the enforcement of sanitary rules and the regulation of intra-municipal traffic) as clearly appertain to municipal police, appears to be *the* one of all others that can with most fairness and propriety be debited to municipal funds,

and paid for by the people whose interests and property are the immediate objects of the guardianship of the *chaukidari* force."

The conclusion is supported by the analogy of small towns under Act XX of 1856 and of rural villages, where the watchmen are paid, not from the general revenues of the country, but from funds raised locally, in the former by a house-tax levied for the purpose under the Act, in the latter by the local cess levied from landholders along with the land-revenue under Act III of 1878. The principle stated by the committee appears incontrovertible. For since the inhabitants of small towns and the landholders in villages, in accordance with the long established custom and law of the country, are required to pay for the services of the watchmen who remain on watch at night, who report crime, and who are empowered to challenge and arrest thieves and persons carrying suspicious property within their beats, there is no reason why the inhabitants of the larger towns (in many of which Act XX of 1856 was formerly in force) should, merely through the transformation of the town into a municipality, be altogether exempted from the charge. It is true that many municipalities have, in addition to the legitimate cost for watch and ward, been required to share the cost of the provincial police employed within their limits; but this arrangement, which is manifestly unfair, will be cancelled; and it now remains only to determine how the legitimate charge for watch and ward is to be computed and adjusted. In a few municipalities the town watchmen as a distinct body have been abolished, their places being taken by regular police, who form one force, and are paid on the same scale, with the district police stationed within the municipality; while in the majority of the municipalities the town watchmen form a separate body, wear a distinctive uniform, and not being liable for service outside their own town, are paid, like the watchmen in small towns and villages, at lower rates than the regular police. The Lieutenant-Governor and Chief Commissioner prefers the latter system, because it marks off a separate body of men for municipal service; but he directs that the question be considered by Municipal Boards in consultation with the Magistrate of the district and the Inspector-General of Police, and that each Board be left to decide which system it will adopt. One condition only [illegible] men of the regular police serving as town watchmen shall, while so employed, be relieved of all duties (such as the serving of summonses, the execution of warrants, and the like) that do not belong to the duty of the village and town watchman. Similarly, the Lieutenant-Governor and Chief Commissioner leaves it to each Municipal Board, in consultation with the district authorities and the Inspector-General of Police, to determine what the strength of the town police shall be, and if it is retained as a distinct body, what shall be the rates of pay and the manner of appointing and promoting the men. It is indispensable that the Magistrate and the District Superintendent of Police should have over the town police the same disciplinary authority as they have over the watchmen of small towns and villages; but in municipalities where the town police is retained as a separate body, it will be advisable that, subject to approval by the Magistrate, the watchmen should, on the analogy of the arrangements in force for the appointment of village watchmen, receive appointment and promotion from the Municipal Board.

18. The relation between the District and Municipal Boards in respect to institutions, such as schools and dispensaries, in which both are concerned, involves two questions, one pecuniary, the other administrative. In regard to the financial responsibility of the several Boards, the suggestion of the provincial committee, recorded in the 28th paragraph of their report, for the adjustment by mutual arrangement of the cost of the common institutions according to the proportions in which they are attended from town or district, approves itself to the Lieutenant-Governor and Chief Commissioner. The question of administrative control is not quite so simple, but as a general rule, administrative control should follow financial responsibility; and where two or more Boards are financially responsible for any institution, control should be exercised over it by a joint committee formed of members delegated

from the Boards concerned; reports, budgets, and other returns submitted to the district officer or to official departments being sent through the Board which can more conveniently forward them. The Lieutenant-Governor hopes that no provision is necessary for the special association with the District or Municipal Board of subscribers to dispensaries, since it is likely that influential subscribers will themselves be on one or other of the Boards, or be adequately represented by some of the members. In respect to High or Zila Schools, the Lieutenant-Governor is disposed to accept to a certain extent the recommendation of the provincial committee. These schools, usually situated within municipal limits but attended by boys whose homes are without as well as by boys whose homes are within the municipality, will in most districts be, as regards financial responsibility, institutions common to both the Municipal and the District Board, and would therefore be controlled by the joint committee. But the Lieutenant-Governor would not withdraw from the Board's committee the power of visiting, inspecting, and reporting upon these schools; and these powers will accordingly be retained, in addition to the control over endowments, boarding-houses, and local scholarships. In other respects, as, for example, the exercise of authority over teachers and servants, the regulation of studies and examinations, and the classification of pupils, the schools will continue entirely under the charge of the Department of Public Instruction.

19. The provincial committee have gone at some length into the relation of the Department of Public Works to the Local Boards, more especially the District Board, and have advocated some important changes in the existing arrangements for carrying out local works. The subject in its details falls beyond the immediate range of the present Resolution; and before final orders can be given, the views of the committee must be considered in the Public Works Department. The Lieutenant-Governor and Chief Commissioner however agrees in the general principles that the District Board should, like Municipal Boards, have very large discretion in the expenditure on local works of money at their credit, that the system of sanctioning their projects and keeping and auditing their accounts should be as simple and easy as is compatible with safety and regularity, and that the officers of the Public Works Department should report upon all important projects, and finally, after inspection, upon their execution.

20. It remains to examine the questions, which are of great importance, involved in framing a scheme of local finance. In the first place, the Lieutenant-Governor and Chief Commissioner accepts the principles set forth in the third paragraph of the provincial committee's report, that the income of Local Boards shall, subject to the proper maintenance of the institutions and works transferred to them, be utilised in projects designed and approved by the Boards; that the District Boards shall, for a term of years, be placed in secure possession of a distinct assignment of funds; and that, at least within the limits of that term, the unexpended balances of one year shall be available for expenditure by the District Boards in the following years.

21. Secondly, the chief source of the income of District Boards is, and must continue to be, the local rates, which are levied along with the land-revenue. Under the existing law a fixed proportion of these rates is appropriated to certain provincial purposes, namely, protection against famine and the construction of railways and canals; while the greater part is available for expenditure upon the rural police or village watchmen, the district post, schools, dispensaries, roads, and other institutions and works of public utility. It will be necessary to amend the law (Acts III and [illegible] under which the local rates are levied and local affairs are at present administered, in order to give legal force to the new administrative arrangements [illegible] preceding paragraphs; and it will be also advisable, while maintaining the rate's percentage and the method of collection, to treat the portion devoted to provincial purposes separately from the portion which, being levied for expenditure managed by the District Boards, will be entirely at the Board's disposal. As far as possible the latter portion will be made over to the District Boards

without deductions for central establishments, the charge for these being debited to provincial accounts.

22. The Lieutenant-Governor and Chief Commissioner further approves generally, subject to detailed adjustment, of the transfer to the District Boards of ferries, pounds, nazul, and the other items specified in the 46th paragraph of the provincial commitee's report, both as regards income and expenditure on one side, and control and management on the other. In respect, however, of any of these items in the management of which the Boards may deem the assistance of the district officer necessary, they may be allowed to apply for it.

23. Again, the transfer to Local Boards of the management of excise [illegible] referred to in the report of the provincial committee; but although the Lieutenant-Governor and Chief Commissioner does not altogether discard the [illegible] of eventually discovering some means of subjecting excise to local management, no practicable scheme has suggested itself, and the question may for the present be laid aside. The only other source of income that has been proposed as suitable, along with its management, for assignment to Local Boards is the license-tax. The proposal for the transfer of this tax was however, negatived by a majority of the provincial committee for reasons which, though by no means exhausting the case against the transfer, seem to the Lieutenant-Governor to be sound and valid; nor is their weight materially counterbalanced, in Sir Alfred Lyall's judgment, by the arguments of the minority in favour of the proposal. The policy of local self-government has been adopted because the system of committing local affairs to local management is now universally accepted as a necessary element of well-ordered administration. But the people of this country, who have been taxed from time immemorial, are not so backward in this branch of political education as still to need to be taught that taxes are necessary and that the payment of them cannot, with due regard to the public interest, be made pleasant. And it is to be recollected that a general tax upon trades and occupations is in no proper sense a local tax; that it is as yet untried in the category of local taxes; and that its management has never, in the Lieutenant-Governor's knowledge, been undertaken by Local Boards at the [illegible] to be instituted. Whether such Boards, unless largely composed of commercial men, would possess a knowledge of the profits of bankers and traders in a district sufficient to enable them to make a just assessment, is open to question. But however this may be, the proper taxation of trades and professions is no essential part of local self-government; and the Lieutenant-Governor does not feel himself justified, at the outset of a new and experimental system, in imposing on gentlemen, who will be asked to undertake much gratuitous labour, an onerous and possibly invidious responsibility that they seem, reasonably enough, somewhat unwilling to assume.

24. There are besides other reasons why it seems inexpedient to make over the license-tax to the Local Boards. If the tax be treated as a local one, its management and income should be assigned to the Boards holding jurisdiction over the areas in which the persons taxed have their places of business. As a number of these persons carry on their trades and occupations in municipalities, it would follow that a considerable part of the tax would be transferred to Municipal Boards at the expense of the general revenues of the country, a result that does not seem at present to be either necessary or desirable, particularly as the provincial revenues are already relieving the towns from the cost of [illegible] police. We should therefore have some disarrangement of local finance, [illegible] of inequality and mistakes in assessment arising from the [illegible] number of independent assessing Boards, while the sum transferred to the District Board would not be the full amount raised in the district by the license-tax. And even if this difficulty were met by setting [illegible] purposes of license-tax management, the clear distinction laid down in all other respects between town and district finances, the assignment of the license-tax to District Boards would by no means facilitate the difficult task of re-arranging local finance. The districts of these provinces vary much and disproportionately to their total area, not only in their revenue upon which

the local rates depend, and in other sources of local income, but also, and very materially, in their need for the expansion and improvement of their communications and local institutions, and for the development of their resources. The effect of allotting the license-tax to the District Boards of the districts in which it is collected, would be to increase considerably the funds of districts within which the large commercial towns are situated, while the outlying and agricultural districts would gain little. At the same time the Government would lose control of a source of revenue which is by no means of a local character, and which may usefully be kept as a provincial asset whence the deficiencies of the poorer tracts, or special requirements anywhere, might occasionally be supplemented, and inequalities of local income reduced. For, unless various parts of the provinces are to be kept, even more than at present, in various and very unequal stages of progress, it will be impossible altogether to do away with the system of grants from provincial revenues in aid of local income. And while it is only just that every district should have the benefit of the whole of the funds that are raised within it by special rates or from sources that are properly under district management, it is equally right, and the exigencies of the public finances demand, that we should proceed with great caution in localising funds on which localities have not a clear and primary claim.

25. Nevertheless, if financial considerations should eventually permit, and if there should hereafter be manifested a disposition on the part of the Local Boards to enter into arrangements with the Provincial Government in regard to the assessment and appropriation of the license-tax, the Lieutenant-Governor and Chief Commissioner will be willing to entertain and consider the proposals; but time is needed for working out and testing in practice the whole scheme of local finance for the provinces, and for correcting inequalities, so that no sudden change may take place in any essential part of the existing arrangements for the advance and improvement of the districts.

26. The following is a summary of the more important conclusions arrived at in the foregoing paragraphs:—

(*a*) *Constitutions and functions of Municipal and District Boards.*

(1) The system of open election shall be introduced into all municipalities, except in a few very special cases. Details as to the qualifications of voters and candidates, methods of voting, and other similar matters, shall be decided by each municipality, subject to the approval of Government.

(2) Except in certain municipalities to be specified by Government, where the presidentship of the district officer is at present considered essential, every Municipal Board shall elect its own chairman, who may be official or non-official, and who shall hold office for one year.

(3) Honorary Magistrates shall *ex-officio* be members of the Board within whose jurisdiction they exercise powers; and non-official chairmen, if not already Honorary Magistrates, shall for their term of office be appointed Honorary Magistrates.

(4) Each tahsil or fiscal sub-division of a district shall be represented by a Board; but all the Sub-divisional Boards shall be subordinate to the central District Board, which shall consist of the aggregate of the several Sub-divisional Boards of the district, and shall regulate their powers and functions.

(5) In all districts in which a sufficiently large electoral body can be constituted, the district officers shall prepare for each sub-division a list of persons who may be chosen to act as electors. The number of these will vary according to the circumstances of each sub-division, but it will not ordinarily be more than 100 or less than 25; and the list shall be periodically revised. Honorary Magistrates shall *ex-officio* be members of the electoral body.

(6) The electors shall be asked to appoint, by such method of election or nomination as they may decide upon, a certain number of their own body to serve on the Sub-divisional Board. The number of such members shall not exceed eight; and membership shall be for periods of three years, intermediate vacancies being filled up, for the remainder of the Board's term, by the electoral body.

(7) The District Boards shall decide whether they will propose to nominate a non-official member as their chairman, or leave the appointment in the hands of the Local Government. In the former case the proposed appointment will be submitted for sanction to the Government; in the latter, the chief district officer will ordinarily assume the chairmanship. The Sub-divisional Boards shall appoint their own chairman. In all cases the chairman shall hold office for one year.

(8) Each Board, Municipal, District, and Sub-divisional, shall appoint its own secretary or secretaries, official or non-official, paid or unpaid; but no member acting as secretary shall receive any remuneration. Municipal Boards may apply to the Government for the services as their secretary of a native official serving in the district, who, if the application be sanctioned, will thereby become a member of the Board.

(9) Each Board shall decide what language is to be used in its discussions and in recording its proceedings. Existing rules of business shall, as far as possible, be adhered to. The Municipal and District Boards will decide as to the strength and cost of the establishments to be employed.

(10) Except as provided in clauses (2) and (7), no Government official shall *ex-officio* be member of a Board. But all Tahsildars shall be eligible for membership of, and shall ordinarily be nominated to, the Boards of their sub-divisions. They shall not however attend meetings of the District Board unless specially summoned by it.

(*b*) *Relations of the district officer to Municipal and District Boards.*

Copies of all Board proceedings shall be at once submitted to the chief district officer, who is at liberty to make suggestions to, and call for information from, the Boards. If suspension of a District Board's action be deemed necessary, reference shall be made to the Commissioner, who may direct provisional suspension, and shall at once report to the Government. Power to suspend provisionally the action of a Municipal Board is given to the chief district officer, who will also report at once to the Government.

(*c*) *Relations between Municipal and District Boards.*

(1) The proportion of cost to be borne by each Board for works and institutions in which more than one are interested, will be decided by mutual arrangement.

(2) The administration of such common works and institutions shall ordinarily be conducted by a joint committee of delegates from the Boards interested.

(*d*) *Local Finance.*

(1) Municipalities shall be relieved of all police charges except those for watch and ward.

(2) The income of District Boards shall be fixed for a term of years, and, subject to the proper maintenance of institutions and works under their control, shall be placed entirely at their disposal, unexpended balances being carried to their credit, and not lapsing.

(3) The rates levied along with the land-revenue are the chief item of local income, and to it will be added the income under all or any of the following heads:—pounds, ferries, nazul, stage carriage fees, and arboricultural, educational, and medical receipts. Management will usually follow financial control.

J. R. REID,

Offg. Secy. to Govt. N.-W. P. and Oudh.

M

ORDER.—Ordered, that this Resolution be published for general information in the *Government Gazette* of the North-Western Provinces and Oudh; also that copies be forwarded to the Secretary to this Government in the Public Works Department, the Director of Public Instruction, the Surgeon-General, the Sanitary Commissioner, and the Accountant-General, for information; also to all Commissioners of Divisions for information and communication to District Officers and to District and Municipal Committees.

By order, &c.,

R. SMEATON,

Junior Secy. to Govt., N.-W. P. and Oudh.

GOVERNMENT OF INDIA.

REVENUE AND AGRICULTURAL DEPARTMENT.

REPORTS ON THE STATE OF THE SEASON AND PROSPECTS OF THE CROPS FOR THE WEEK ENDING THE 19th DECEMBER 1882.

GENERAL REMARKS.—There has been no rainfall to report from any part of the country, except in three districts of the Madras Presidency, at Rawalpindi, and at Dibrugarh.

In the Madras Presidency standing crops are on the whole in good condition, and the harvest of paddy and dry grains is in progress. In Coorg rice harvest is proceeding, and coffee is being picked. In the Mysore State the harvesting of *ragi* has been completed, and standing crops are in good condition. In the Berars and the Nizam's Territories *kharif* crops are still being reaped, and cotton-picking s in progress.

In the Bombay Presidency *rabi* crops are reported to be doing well; so also in the Central Provinces, where the reaping of the *kharif* continues in most districts. In the Central India and Rajputana States general prospects seem satisfactory.

In the Punjab, prospects generally are good, but for the *rabi* sowings rain would nearly in all districts be beneficial. In Oudh and the western districts of the North-Western Provinces rain is also wanted for the *rabi* crops. In Bengal all cold-weather crops generally are reported to be very promising, except in Burdwan where they are somewhat indifferent. In Assam and British Burma the rice harvest is progressing.

An earthquake was felt on the 15th in Khandesh, Panch Mahals, Kattywar, Neemuch, Indore, Abu, Marwar, Ajmere and Ulwar.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Madras—(Dec. 20th)		
Bellary		Standing crops generally good; harvest paddy, dry grains, tobacco, and sugarcane, yield average.
Kurnool		Standing crops, later dry crops generally fair; harvest paddy, outturn below average; cattle disease in parts.
Ganjam		Standing crops dry grains and sugarcane thriving, paddy being harvested; fever, small-pox, cholera, and cattle disease continue.
Kistna		Standing crops paddy and dry crops affected in parts by blight and excessive rain; harvest paddy and dry grains, outturn below average; fever and cattle disease prevail; water 3 feet over anicut.
Chingleput (Madras)		Standing crops generally good, but not thriving for want of timely rain in parts; harvest paddy, yield below average.
Coimbatore	·22 (average of five stations.)	Standing crops generally good; harvest paddy and dry grains, yield average; fever, small pox, cholera, and cattle disease in parts.
Tanjore	·62 (average of eight stations.)	Standing crops good; harvest paddy and dry grains, outturn below average; cholera slight in one taluka.
Madura		Standing crops fair, except in parts; cholera, fever, and cattle disease in parts.
Malabar	·27 (average of three stations.)	Standing crops, paddy second crop, good; small-pox, fever, and cholera slight in parts.
Travancore		Standing crops, paddy good; fever continues.
		General Remarks.—No rain except in Tanjore, Coimbatore, and Malabar; general prospects good.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Bombay—(Dec. 20th)		
Kurrachee		River at Kotri on 14th, 4 feet 2 inches, 1 inch more than last year; small-pox in 3 talukas; fever generally prevalent; cattle-disease in 4 talukas; *rabi* crops going on well; wheat, red rice, and *bajri* in Kurrachee 24, 32, and 34 lbs., in Sehwan 32, 45, and 48 lbs., in Sakro 16, 34, and 48 lbs., and in Shahbandar 20, 44, and 44 lbs. per rupee respectively.
Hyderabad		*Rabi* crops flourishing; weather not settled; small-pox in Hyderabad, Sakrand, Moro, and Khandiaro; cattle disease in Badin; wheat 25, *bajri* 41, *jowari* 46, red rice 28, and white rice 22 lbs. per rupee.
Ahmedabad		Standing crops healthy; fever in Dholka; wheat 27½ and *bajri* 32 lbs. per rupee.
Baroda		Reaping of *kharif* nearly completed; sowing of *rabi* continues; cotton-picking commenced; *bajri* 31½ and common rice 25¾ lbs. per rupee.
Surat		Crops healthy; reaping continues; *jowari* 39 and *nagli* 60 lbs. per rupee.
Nasik		Weather excellent, only a little warm in the afternoon; *rabi* crops thriving; fever in Dangi villages only; wheat 25½, *bajri* 36, and rice 23½ lbs. per rupee.
Colaba (Bombay)		Average abnormal temperature 2° cool from 13th to 16th; *nil* on 17th, and 1° warm on 18th and 19th; vapour in air slightly in excess of normal; wind normal except on 15th, when abnormal wind was northerly.
Poona		State of *rabi* crops good; *bajri* 44 and *jowari* 55 lbs. per rupee; in Poona *bajri* 41 and *jowari* 48 lbs. per rupee.
Ahmednagar		*Rabi* crops good, except those in the inferior fields; *bajri* maximum 60 lbs. per rupee in Parner, minimum 41 lbs in Sheogaon; *jowari* maximum 75 lbs. per rupee in Jamkhed, minimum 51 lbs. in Kopergaon.
Sholapore		Reaping of early crops nearly completed; late crops promising; cotton crop not good; *jowari* 70 lbs. 34 tolas, and *bajri* 55 lbs. 37 tolas per rupee.
Dharwar		Harvesting of early crops in progress; cotton suffering from blight in Rannibennur and gram from insects in Gadag; other late crops good; deaths from cholera in Navalgand 3 and in Gadag 4, Ron none; slight fever in four, and cattle disease in two talukas; rice minimum 21 and *jowari* 49 lbs per rupee.
Kanara		Rice and *ragi* harvest completed; preparing ground for second crop on coast; sugarcane thriving; cattle disease subsiding; fever partial; common rice in Karwar 12½ in district average 15¼ seers per rupee; weather cold and fair.
Rajkot		Weather cold; general health good; cholera continues in Navanagar; slight shock of earthquake in Navanagar, Morvi, Rajkot, Gondal and Malia on 15th at 8 in the evening; *bajri* 29 and *jowari* 35 lbs. per rupee.
		General Remarks—Rabi crops doing well; slight fever and cattle disease in a few districts; slight shock of earthquake in Khandesh, Panch Mahals and Kattywar, on 15th.
Bengal—(Dec. 19th)		
Chittagong	*Nil*	Weather clear and seasonable; prospects of crops favourable; harvesting of *amun* rapidly going on; prices stationary; cattle disease continues; public health generally good.
Dacca	*Nil*	Pulses being sown; reaping of *amun* rice proceeding; prospects of *roachiaya* paddy in the jurisdiction of station Keranigunge not good; outturn in other respects good; sugarcane being cut, outturn good.
24-Pergunnahs (Alipore)	*Nil*	Harvesting of late rice going on, yield estimated at from 12 to 14 annas; *rabi* crops doing well; price of common rice stationary; fever and cholera prevalent in some parts of district, as usual at this season.
Moorshedabad	*Nil*	*Amun* being still cut; prospects of *rabi* crops good; mild fever in places.
Rajshahye	*Nil*	Prospects of crops generally favourable; cholera abating.
Burdwan	*Nil*	Winter rice being harvested; prospects of sugarcane good and of *rabi* crops indifferent; cholera and fever rather prevalent.
Rungpore	*Nil*	Weather seasonable and dry; *amun* being harvested; prospects of cold-weather crops favourable; fever reported from Nilphamari Sub-division; general health good.
Bhagalpur	*Nil*	*Aghani* harvest going on, outturn in Muddehpoora said to be fair; prospects of *rabi* crops favourable; fever abating in Muddehpoora, but cases of cholera reported from Bhagulpore town and the south of the district.
Purneah	*Nil*	Late [illegible] moderate crop; cold-weather crops very promising; fever abating.
Patna	*Nil*	Prospects of *rabi* continue good; reaping of paddy nearly finished; public health good.
Durbhunga	*Nil*	*Rabi* and tobacco crops progressing favourably; paddy being reaped; fever still prevalent in Tajpore Sub-division, otherwise public health fair; prices of food-grains stationary.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Bengal—*contd.*		
Hazaribagh	*Nil*	Weather bright and cold; prospects of cold-weather crops good public health good.
Cuttack	*Nil*	Late rice being reaped; *rabi* crops progressing well; cholera has appeared both in town and interior.
		General Remarks.—No rain fell during the week; all cold-weather crops generally reported on to be very promising, except in Burdwan, where some crops are said to be indifferent; in some districts *amun* rice will yield below an average crop; generally, however, a fair crop is expected for the whole province; sugarcane is being cut in some districts with a good outturn; weather is generally reported to be not so cold as usual at this season, and consequently fever and cholera continue to be prevalent in several parts; small-pox is said to be increasing in Singbhoom.
N.-W. Provinces and Oudh—		
Benares (Dec. 19th)	No rain	*Kharif* rice crops being cut; prospects of *rabi* crops good; a slight rise in prices of food grains; no sickness among men or cattle.
Allahabad („ 20th)	No rain	Crops most promising; prices falling slightly.
Gorakhpur („ 18th)	No rain	Prospects of *rabi* crops good; fever and ague in some tahsils; prices steady.
Jhansi („ „)	. . . .	*Rabi* crops flourishing; prices almost stationary; small-pox and cattle disease of a mild type in a few villages of pargana Jhansi.
Agra („ 19th)	No rain	Sky now and then cloudy; *rabi* crops promise well and are being irrigated; small-pox in two parganas; general health good; prices stationary.
Bareilly („ „)	. . . .	Rain would benefit unirrigated crops; prices unchanged; condition of people and cattle good.
Meerut („ „)	No rain	Weather again clear and frosty; small-pox unabated; prices stationary; prospects good.
Kumaon („ „)	. . . .	Weather fair; rain wanted; general health good; typhus decreasing; cattle disease continues; prices unchanged.
Lucknow („ „)	. . . .	Prospects of crops fair; rain urgently wanted for *rabi* crops; general health good, but small-pox prevalent in the city.
Partabgarh („ „)	. . . .	Prospects satisfactory; cholera has ceased.
Sitapur („ „)	. . . .	Rain urgently required; small-pox still bad in tahsil Sitapur, otherwise health good; prices stationary.
Fyzabad („ „)	No rain	Prospects good; irrigation going on; weather seasonable; health good.
Rae Bareli („ „)	. . . .	Prospects fair; rain much wanted; irrigation from wells going on; isolated cases of cholera still reported; cattle disease continues in tahsil Rai Bareli; prices steady.
Cawnpore („ „)	No rain	Weather seasonable; prospects fair; health good; prices steady.
Farukhabad („ „)	. . . .	Prospects fair; prices steady; weather seasonable; rain needed; sky clear.
		General Remarks.—No rain; rain wanted for the *rabi* crops in Oudh and in the north-western districts, elsewhere prospects fair prices have raisen slightly in two districts and fallen in one; sporadic cholera in one district and small-pox in five; cattle disease continues in Rae Bareli, Kumaon, and Jhansi.
Punjab—(Dec. 19th)		
Delhi	. . . .	Health and harvest prospects good; slight rise in prices.
Hissar	. . . .	Health generally good; sporadic small-pox in Rohtak; prices almost stationary.
Umballa	. . . .	Health good; prices stationary; rain wanted.
Jullundur	. . . .	Health good; prices steady; rain wanted.
Amritsar	. . . .	Health good; prices fluctuating; *rabi* sowings completed, rain wanted.
Lahore	. . . .	Health and harvest prospects good; prices almost stationary.
Ferozepore	. . . .	Health and harvest prospects good; prices almost stationary.
Sialkot	. . . .	Health and harvest prospects good; prices stationary; rain wanted.
Rawalpindi	Slight rain	Seasonable fever prevailing; slight fall in prices; *rabi* sowings completed, and *kharif* gathered in; cattle disease in the Murree tahsil.
Peshawar	. . . .	Slight fever prevailing; prices almost stationary; rain wanted.
Mooltan	. . . .	Health and harvest prospects good; prices almost stationary.
Dera Ismail Khan	. . . .	Fever abating, but the mortality continues high; harvest prospects good; prices falling.
		General Remarks.—The health of the Province and the prospects of crops are generally good; rain is wanted in nearly all the districts, Rawalpindi being the only one in which there has been a slight fall during the week.
Central Provinces—		
Nagpur (Dec. 20th)	. . . .	W[illegible] clear and cool; prospects of *rabi* crops and health good.
Jubbulpore („ 19th)	. . . .	We[illegible] clear and cool; crops thriving; prospects and health good; w[illegible] 12 seers per rupee.
Saugor („ 18th)	. .	Crop[illegible] excellent; a few clouds about; health fair; prices steady.
Seoni („ 19th)	. . . .	Weather clear and cool; *rabi* crops thriving; prospects good; *kharif* crop being threshed; fever declining; prices stationary.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Central Provinces—*contd*		
Hoshangabad (Dec. 19th)	. . . .	Weather seasonable; *rabi* crops doing well; small-pox reported; fever prevalent; wheat 15 seers per rupee.
Raipur („ 16th)	. . . .	Weather clear and cool; threshing of *kharif* commenced; health generally good; prices unchanged.
Sambalpur („ 14th)	. . . .	Weather clear and cool; prospects of crops good; fever abating; rice 56 seers per rupee.
Khandwa („ 19th)	. . . .	Weather clear and pleasant; prospects of crops good; few cases of small-pox; prices steady.
		General Remarks.—Weather clear and cool; *kharif* crops being harvested in most districts; *rabi* crops in good condition; fever abating; public health generally good; prices unchanged.
British Burma—(Dec. 16th)		
Akyab	*Nil*	Total rainfall 204·17 inches; 22 deaths from cholera, and 2 from small-pox reported from district; public health in town good; cattle disease severe in one township; crop prospects good.
Rangoon	*Nil*	Total rainfall 102·02 inches; 4 deaths from cholera; otherwise public health good; crops progressing.
Bassein	*Nil*	Total rainfall 125·83 inches; 19 deaths from cholera in town, otherwise public health good; crop prospects generally good; reaping going on; some slight damage done by late rains.
Prome	*Nil*	Total rainfall 50·21 inches; 3 deaths from cholera in town, and 6 in district; otherwise public health good; earlier crops of paddy have been reaped.
Amherst (Moulmein)	. . . .	Line interrupted.
Toungoo	. . . .	Line interrupted.
		General Remarks.—Public health good, with exception of a little cholera in Akyab district and Bassein town; reaping progessing; crop prospects good everywhere.
Assam—		
Gauhati (Dec. 19th)	*Nil*	Weather seasonable; reaping of *sali* paddy in progress; public health good.
Sylhet („ 20th)	*Nil*	Paddy harvest continues; outturn of *amun* in Sunamganj said to be good; no other reports of outturn; *sali* seems to be a very poor crop in Sadr and Karimganj Sub-division; cholera apparently abating.
Cachar („ „)	*Nil*	Weather getting cooler; about half of the *sali* crop reaped; 9 deaths from cholera in Silchar, 4 in Lakhipur, 7 in Hailakandi reported; common rice 26¾ seers per rupee.
Dibrugarh („ „)	0·20	Weather cold; *sali dhan* being harvested; public health good.
Mysore and Coorg—(Dec. 20th)		
Bangalore	. . . .	Standing crops in good condition; prospects fair; price of *ragi* 33 seers per rupee.
Mysore	. . . .	Standing crops in good condition; prospects fair; price of *ragi* 25 seers per rupee.
Mercara	. . . .	High east wind prevailing; rice harvest proceeding; coffee being picked, outturn short and below estimate; market dull; no sale for cardamoms; prices of food grains falling; climate feverish.
		General Remarks.—The condition of the crops throughout the Mysore State is good, and prospects fair; harvesting of *ragi* and *poonji* paddy completed; price of *ragi* in Shimoga 23 to 60 seers per rupee; in Chittaldrug, 36 to 60; rice on an average, 12 seers; public health satisfactory.
Berar and Hyderabad—(Dec. 20th)		
Amraoti	. . . .	*Kharif* reaping continued; cotton-picking progressing; *rabi* in good condition; prices, wheat 16, *juari* 36 seers per rupee.
Akola	. . . .	Cotton-picking and *juari*-cutting continued; *rabi* progressing favourably.
Hyderabad	. . . .	*Tabi* crops prospering; *abi* crops continue to be reaped; cholera still prevails; prices, wheat 15, coarse rice 10½, white *juari* 27, yellow *juari* 33, and *tur* 30 seers per current sicca rupee.
Central India States—(Dec. 20th)		
Indore	. . . .	No change since last report; slight shock of earthquake felt on evening of 15th.
Morar (Gwalior)	. . . .	Weather seasonable; health and prospects good.
Sutna	. . . .	Health and prospects good.
Neemuch	. . . .	*Rabi* crops thriving; public health good; a slight shock of earthquake was felt at 7 o'clock P. M. on Friday last, the 15th instant.
Goona	. . . .	Crops good; [illegible] fair; wheat 22 seers 8 chittacks per rupee.
Bhopal	. . . .	Weather [illegible] crops and public health good.
Agar	. . . .	Health and [illegible] pects good.
Nowgong	. . . .	The *kharif* harvest is being reaped; health fair; prices stationary.
Manpur	. . . .	Weather clear and cold; sowings of opium finished; *rabi* crops doing well; prices stationary.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Rajputana—		
Abu (Dec. 20th)	. . . .	Weather cold; severe shock of earthquake on 15th at 7 P. M., periodical small shocks have continued since.
Sirohi („ 17th)	. . . .	Tanks and wells full; health good; crop prospects fair.
Marwar („ 15th)	. . . .	Only one month's water in tanks; wells almost full; health and crop prospects good; shock of earthquake on 15th, lasting about three seconds.
Harowti („ 11th)	. . . .	Crops progressing favourably; health good; weather cloudy and colder; prices stationary.
Jhallawar („ 13th)	. . . .	Health good; weather mild.
Ajmere („ 19th)	. . . .	Unusual heat; earthquake on 15th; weather cloudy; health good.
Jeypore („ „)	. . . .	Weather cloudy; prospects satisfactory; health good.
Ulwar („ „)	. . . .	Prospects and health good; shock of earthquake on 15th.
Nepal—		
Khatmandú (Dec. 14th)	No rain	Prospects good; weather fine, but rather more warm than in the last week of November.

E. C. BUCK,
Secretary to the Government of India.

GOVERNMENT OF INDIA.
PUBLIC WORKS DEPARTMENT.
IRRIGATION BRANCH.

IRRIGATION OPERATIONS IN BENGAL FOR 1882-83.

Areas leased for irrigation up to end of October 1882.

Division.	District.	Canal.	Supply of Water in the Canals. Estimated full discharge in cubic feet per second.	Supply of Water in the Canals. Average discharge in cubic feet per second during the month.	Supply of Water in the Canals. Estimated discharge wanted.	Five-year leases. Leased in October 1882.	Five-year leases. Total, inclusive of unexpired leases of previous years.	Three-year leases. Leased in October 1882.	Three-year leases. Total, inclusive of unexpired leases of previous years.	Annual leases. Leased in October 1882.	Annual leases. Leased up to end of October 1882.	Three-year leases. Leased in October 1882.	Three-year leases. Leased up to end of October 1882.	Three-year leases. Total, inclusive of unexpired leases of previous years.
			c. ft.	c. ft.	c. ft.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.
Orissa	Cuttack	Pattamundai	1,269	745·19	...	...	40,061	...	13,587	...	130	...	...	...
		Taldanda High Level, Section I	1,043	421·40	...	...	11,272	...	706	...	667	...	...	...
			675	271·97	...	...	13,587	...	628	...	1,920	...	...	3,347
			1,300	554·90	...	...	10,076	...	939	...	60	...	...	...
		Matchgong High Level, Section II	660	330·00	...	...	26,289	...	6,197	...	214	...	...	...
	Balasore		727·16	371·42	...	...	304	...	1,176	...	1,491	...	...	...
	Total of the month		...	...	...	...	100,589	...	23,334	...	4,167	...	...	3,347
	Total of the corresponding Month of previous year		...	...	...	...	100,573	574	17,946	...	50,492	...	...	3,347
South-Western	Midnapore		875	249	...	1,920	83,373	...	...	...	3,537	...	...	...
	Howrah	Pumkhoorah	300	31	...	940	12,857	...	...	...	4,167	...	...	...
	Total of the month		...	...	...	2,760	96,229	...	...	...	50,492	...	...	...
	Total of the corresponding month of previous year		...	...	...	...	103,767	...	105	...	36,689	...	...	...
Sone	Shahabad	Western Main	4,342	2,068	...	326	2,264	...	...	130	3,307	...	...	...
		Buxar	1,226	521	...	...	3,696	...	...	667	18,091	...	...	...
	Patna and Gya	Arrah	1,660	1,063	...	2,609	14,057	...	...	1,920	21,845	...	...	3,347
		Eastern Main	1,466	1,025	...	115	2,404	...	...	60	276	...	...	...
		Patna					9,103	...	...	1,491	10,585	...	...	...
	Total of the month		...	...	...	3,050	22,432	...	...	4,167	50,492	...	...	3,347
	Total of the corresponding month of previous year		...	...	...	3,966	27,461	...	...	3,537	36,689	...	...	...
	Grand total of the month		...	...	...	5,810	99,140	...	...	4,167	50,492	...	...	3,347
	Grand total of the corresponding month of previous year		...	...	...	3,966	27,699	574	6,499	3,537	36,689	...	...	...

Division.	District.	Canal.	Rabi. Annual leases. Leased in October 1882.	Rabi. Annual leases. Leased up to end of October 1882.	Rabi. Three-year leases. Total, inclusive of unexpired leases of previous years.	Grand Total. Kharif.	Grand Total. Rabi.	Grand Total. Sugarcane.	Grand Total. Total.	Grand total of the corresponding months.	Sugarcane. Leased in October 1882.	Sugarcane. Leased up to end of October 1882.	Remarks.	Rainfall. Inches during the month.	Rainfall. Inches during 1882-83.	Rainfall. Average of the ten previous years of the same period.
			Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.		Ins.	Ins.	Ins.
Orissa	Cuttack	Pattamundai	...	...	...	55,627	66,691	70	66,761	55,627	...	70		8·19	82·42	6·25
		Taldanda High Level, Section I	...	...	...	12,600	12,217	...	12,217	12,600	...	...				
			1	5,352	5,352	123,638	128,183	356	128,539	123,638	267	287		...	57·71	6·09
		Matchgong High Level, Section II	...	4,004	4,004	90,495	83,372	70	83,442	90,495	8	8	27 days' discharging.	6·53	60·84	27·29
	Balasore		...	...	...	13,957	12,857	36	12,893	13,957	36	36	17 days' discharging.	6·69	46·34	51·76
	Total of the month		...	4,004	4,004	103,952	96,229	106	96,335	103,952	44	44		13·22	107·48	104·05
	Total of the corresponding month of previous year		...	...	...	...	103,862	...	103,862	...	...	...		10·51	146·00	102·01
South-Western	Midnapore		...	...	...	5,447	7,111	1,220	8,331	5,447	1,220	1,220		4·18	25·24	35·39
	Howrah	Pumkhoorah	1	5,352	5,352	16,934	24,460	3,207	27,667	16,934	3,207	3,207		4·63	38·75	38·75
	Total of the month		1	5,352	5,352	55,117	78,267	4,628	82,895	55,117	4,628	4,628		4·63	38·75	38·61
	Total of the corresponding month of previous year		...	...	...	166	635	35	670	166	35	35		4·84	33·79	
Sone	Shahabad	Western Main	...	...	...	12,643	20,973	1,285	22,258	12,643	1,285	1,285				
		Buxar	...	...	...	90,307	120,356	10,276	130,632	90,307	10,276	10,276		13·63	92·79	108·75
	Patna and Gya	Arrah	...	...	...	...	3,347	...	3,347	...	...	...				
		Eastern Main	...	...	...	317,707	317,707	13,839	331,546	317,707	13,839	13,839		13·39	138·02	121·83
		Patna	...	...	...	...	90,307	...	90,307	...	...	...				
	Total of the month		...	...	...	317,707	353,788	13,839	367,627	317,707	13,839	13,839		13·39	138·02	121·83
	Total of the corresponding month of previous year		...	...	...	...	7,351	10,631	17,982	...	10,631	10,631		35·04	282·69	218·06
	Grand total of the month		1	5,352	5,352	317,707	353,788	14,106	367,627	317,707	14,106	14,106		23·90	331·73	229·98
	Grand total of the corresponding month of previous year		...	...	...	...	7,351	10,631	17,982	...	10,631	10,631		35·04	282·69	218·06

C. W. ODLING,
Asst. Secy. to the Govt. of Bengal in the P. W. Dept.

The 9th December 1882.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

[TELEGRAPH.]

ABSTRACT OF FOREIGN TRAFFIC FOR THE MONTH OF AUGUST 1882.

CLASS OF MESSAGES.	ROUTE. WEST. Via Teheran. No.	Via Teheran. Indian Value.	Via Turkey. No.	Via Turkey. Indian Value.	Persian Gulf. No.	Persian Gulf. Indian Value.	Via Suez. No.	Via Suez. Indian Value.	EAST. Via Amur. No.	Via Amur. Indian Value.	Via Madras. No.	Via Madras. Indian Value.	Via Rangoon. No.	Via Rangoon. Indian Value.	Native Burma. No.	Native Burma. Indian Value.	Via Paumben. No.	Via Paumben. Indian Value.	TOTAL. No.	TOTAL. Indian Value.
INDIAN.		₹ a.		₹ a.		₹ a.		₹ a.		₹ a.		₹ a.		₹ a.		₹ a.		₹ a.		₹ a.
Sent	6,062	15,240 4	88	288 2	34	119 8	403	1,588 8	1	2 13	816	2,539 6	151	422 3	342	632 15	1,651	2,881 1	9,542	23,714 12
Received	4,907	21,768 10	297	847 7	29	103 11	455	2,021 5	9	30 3	912	2,677 12	148	434 3	...	...	1,688	3,113 10	8,445	30,996 13
TOTAL	10,969	37,008 14	385	1,135 9	63	223 3	858	3,609 13	10	33 0	1,722	5,217 2	299	856 6	342	632 15	3,339	5,994 11	17,987	54,711 9
TRANSIT. From East to West—																				
Received. Vid Madras	4,692	18,589 4	7	22 11	13	39 9	90	253 1	...	...	...	...	...	...	...	...	...	...	4,802	18,904 9
Received. ,, Rangoon	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Received. ,, Laingha	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Received. ,, Paumben	365	1,121 6	...	...	...	...	15	65 3	...	...	...	...	...	...	...	...	...	...	380	1,186 9
From West to East—																				
Sent. Vid Madras	3,869	14,684 13	129	425 6	5	14 11	65	146 4	3	9 5	...	...	...	...	...	...	...	...	4,071	15,280 7
Sent. ,, Rangoon	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sent. ,, Laingha	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sent. ,, Paumben	313	1,143 13	12	53 0	...	...	15	51 2	...	...	...	...	...	...	...	...	...	...	340	1,247 15
From West to West—																				
Vid Bombay and Karachi.	1,772	7,434 5	1	2 14	2	20 1	...	...	...	...	...	...	...	...	...	...	...	...	1,775	7,457 4
Vid Karachi and Bombay.	1,057	4,618 7	38	292 2	1	3 4	...	...	23	314 12	...	...	...	...	...	...	...	...	1,119	5,228 9
From East to East—																				
Vid Paumben	...	...	...	...	...	...	...	...	...	...	49	188 12	3	7 6	...	...	...	...	52	196 2
,, Madras	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	50	185 14	50	185 14
TOTAL	12,068	47,592 0	187	796 1	21	77 9	185	515 10	26	324 1	49	188 12	3	7 6	...	...	50	185 14	12,589	49,687 5
GRAND TOTAL																			30,576	1,04,398 14

ABSTRACT OF FOREIGN TRAFFIC WITH INDIA BY THE INDO-EUROPEAN AND RED SEA ROUTES FOR THE MONTH OF AUGUST 1882.

ROUTE.		Number of Messages by each Route (exclusive of Transit). To India.	From India.	Total.	Percentage of Number. To India.	From India.	Total.
Indo-European	Vid Teheran	4,907	6,062	10,969	86·27	92·03	89·36
Indo-European	,, Turkey	297	88	385	5·22	1·33	3·14
Indo-European	Persian Gulf vid Karachi	29	34	63	0·51	0·52	0·51
Red Sea	Vid Suez	455	403	858	8·00	6·12	6·99
	TOTAL	5,688	6,587	12,275	100·00	100·00	100·00

GOVERNMENT OF INDIA,

LEGISLATIVE DEPARTMENT.

ABSTRACT OF THE PROCEEDINGS OF THE COUNCIL OF THE GOVERNOR GENERAL OF INDIA, ASSEMBLED FOR THE PURPOSE OF MAKING LAWS AND REGULATIONS UNDER THE PROVISIONS OF THE ACT OF PARLIAMENT 24 & 25 VIC., CAP. 67.

The Council met at Government House on Friday, the 15th December, 1882.

PRESENT:

His Excellency the Viceroy and Governor General of India, K.G., G.M.S.I., G.M.I.E., *presiding*.
His Honour the Lieutenant-Governor of Bengal, C.S.I., C.I.E.
The Hon'ble J. Gibbs, C.S.I., C.I.E.
Lieutenant-General the Hon'ble T. F. Wilson, C.B., C.I.E.
The Hon'ble C. P. Ilbert, C.I.E.
The Hon'ble Sir S. C. Bayley, K.C.S.I., C.I.E.
The Hon'ble T. C. Hope, C.S.I., C.I.E.
The Hon'ble Mahárájá Sir Jotíndra Mohan Tagore Bahádur, K.C.S.I.
The Hon'ble C. H. T. Crosthwaite.
The Hon'ble Rájá Siva Prasád, C.S.I.
The Hon'ble W. W. Hunter, LL.D., C.I.E.
The Hon'ble Sayyad Ahmad Khán Bahádur, C.S.I.
The Hon'ble Durgá Charan Láhá.
The Hon'ble H. J. Reynolds.
The Hon'ble H. S. Thomas.
The Hon'ble G. H. P. Evans.

NEW MEMBERS.

The Hon'ble H. S. THOMAS and the Hon'ble G. H. P. EVANS took their seats as Additional Members.

BIKRAMA SINGH'S ESTATES' BILL.

The Hon'ble MR. ILBERT introduced the Bill to confirm and give effect to an award made by His Excellency the Viceroy and Governor General regarding certain matters in dispute between Sardár Bikrama Singh and the Kapúrthhala State, and moved that it be referred to a Select Committee consisting of the Hon'ble Mr. Gibbs, the Hon'ble Sir Steuart Bayley and the Mover. He said that, when he obtained leave to introduce this Bill, he explained that it was not a Bill of any public or general importance. Its object was merely to confirm and give effect to a certain award passed for settling some family disputes. The circumstances under which the award was made, the nature of the award and the proceedings which had since taken place were fully explained in the preamble of the Bill, and it was not necessary that he should do anything further except to state that, when he obtained leave to introduce the Bill, the trust-fund to which it related consisted partly of land and partly of money to be invested in land. Since that date the whole of the fund had been invested in land, and the trustees had consequently discharged the duties imposed upon them, and nothing more remained to be done. He was consequently enabled to make the Bill much shorter and simpler than it would have been if it had been introduced when leave was obtained.

The Motion was put and agreed to.

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The Hon'ble MR. ILBERT also moved that the Bill and Statement of Objects and Reasons be published in the *North-Western Provinces and Oudh Government Gazette* in English and in such other languages as the Local Government might think fit.

The Motion was put and agreed to.

EXPLOSIVES BILL.

The Hon'ble MR. ILBERT also moved for leave to introduce a Bill to regulate the manufacture, keeping, sale, conveyance and importation of explosives. He said :—

"The object of this Bill is to provide a comprehensive law regulating the manufacture, keeping, sale, conveyance and importation of explosives throughout British India. The matter was first brought to the notice of the Government in connection with an application made to the Government of Bombay by the agents of Nobel's Explosives Company, Limited, for permission to import dynamite manufactured by that Company. The Government of Bombay referred the question to a Committee, which reported that the expediency of allowing the importation into that Presidency of dynamite and other preparations of nitro-glycerine was doubtful. The Government of Bombay forwarded a copy of this report to the Government of India with a request that the importation of preparations of nitro-glycerine might be prohibited until further notice by a notification under the Sea Customs Act. Before complying with this request, the Government of India thought it well to consult the Governments of Madras and Bengal. In reply, both Governments expressed an opinion that the importation of these explosives should not be forbidden. The Government of Bengal further submitted a draft set of rules to regulate the importation, package, transport and storage of dynamite and similar substances, with a report which had been prepared by a Committee appointed by the Lieutenant-Governor to consider the entire subject. This Committee, while recommending that the draft rules should be published as rules under the Indian Arms Act, 1878, suggested the enactment of a comprehensive Imperial Act of a similar nature to the English Explosives Act, 1875 (38 Vic., c. 17), which would (I am quoting from the report) 'in a convenient and compendious Code deal with the subject of explosives in its entirety, and furnish the public, as well as Government officials, with an easy means of ascertaining their duties, responsibilities and powers respecting articles which, by their inflammable, explosive or dangerous nature, imperil the public safety.'

"It appears to the Government of India that it would be an abuse of the powers conferred by the Indian Arms Act, 1878, to make under that Act rules of the nature of those submitted by the Bengal Committee. There are, no doubt, powers conferred by the Indian Arms Act which might, at first sight, seem to authorise the making of such rules; but the object to which the rules proposed by the Bengal Committee are directed is altogether different from that of the Act. The object of the Arms Act was to enable the Government more effectually to prevent arms and ammunition (which term, under section 4, includes gun-cotton, dynamite, lithofracteur and other fulminating substances) from getting into the hands of persons who would make a bad use of them. In other words, the main object of that Act was to *restrict* the possession of arms and ammunition. But the main object of the rules prepared by the Bengal Committee is not restrictive. Their object is to *protect* the public against the dangerous nature of the explosives to which they relate by regulating dealings with those explosives. If they are restrictive, it is only so far as is necessary to carry out their protective object. Under these circumstances, it appears to the Government that the proposed rules could not properly be published under the Indian Arms Act, 1878.

"Nor does it appear that there is any other enactment, as the law at present stands, under which rules of the nature of those prepared by the Bengal Committee can be issued. Under the existing law, the only enactments relating to this subject are to be found in various fragmentary provisions, dealing with gunpowder and fireworks only, which are in force in the Presidency-towns and in certain municipalities and ports. It appears to the Government that it is unsatisfactory that the law should be in this state at a time when dynamite and other compounds of nitro-glycerine are rapidly taking the place of gunpowder in all works where blasting is necessary. These explosives have already been used to a considerable extent in connection with various works undertaken both by the Government and by private enterprise throughout India; and it is only natural to suppose that, as their superiority to gunpowder becomes more widely known, their use will increase.

"Under these circumstances, the suggestion of the Committee that an Act drawn on the model of the English Explosives Act, 1875, and dealing comprehensively with the whole subject of explosives, should be added to the Indian Statute-book, has recommended itself to the Government of India as being the only satisfactory method of treating the subject. Accordingly, the present Bill has been prepared. It embodies such of the provisions of the English Act as are, in the opinion of the Government, necessary in this country. In addition to the omission from the Bill of certain provisions of the English Act, the Bill further differs from that Act in that, in accordance with the well-recognized principle of Indian legislation, it confers power on the Local Governments to provide, by means of rules adapted to the varying local circumstances of the provinces under their administration, for many points for which there are specific provisions in the body of the English Act."

His Honour THE LIEUTENANT-GOVERNOR said: "I quite agree, my Lord, that early legislation upon this subject is very desirable. I speak under correction, but I think the rules proposed to be adopted by the Committee under the Arms Act, which my hon'ble friend Mr. Ilbert referred to, were under action taken by the late Lieutenant-Governor, Sir Ashley Eden. The recommendation of that Committee was based on the conviction that early measures of a protective character were necessary, and as much time would elapse before recourse could be had to legislation, it was thought that rules under the Arms Act were the only possible way of securing some means of protection in the importation and transport, through the port of Calcutta, of admittedly very dangerous explosive articles. I concur in the view expressed by the Hon'ble Legislative Member that it is not expedient or right to frame such rules under an Act passed for a different purpose; but I would mention that, for the security of the port, the Bengal Government has already had to take action to prevent ships carrying dynamite and other such explosives for approaching the limits of the port, and it is very necessary that no time should be lost in passing an enactment to regulate the importation, transport and warehousing of such articles."

The Motion was put and agreed to.

SUNDRY BILLS.

The Hon'ble MR. ILBERT also moved that Major the Hon'ble E. Baring be added to the Select Committees on the following Bills:—

To amend the law relating to Merchant Shipping.

To give power to arrest persons whose evidence is needed under Act XII of 1859.

The Motion was put and agreed to.

The Hon'ble MR. ILBERT also moved that the Hon'ble Mr. Thomas be added to the Select Committees on the following Bills:—

To amend the law relating to Merchant Shipping.

To give power to arrest persons whose evidence is needed under Act XII of 1859.

To amend the Indian Railway Act, 1879.

The Motion was put and agreed to.

BURMA LABOUR LAW REPEAL BILL.

The Hon'ble SIR STEUART BAYLEY moved for leave to introduce a Bill to repeal the British Burma Labour Law, 1876. This law, he said, was passed in 1876 with the object of establishing a system of State emigration for Burma, and it was originally framed very much on the lines of the Assam Emigration Act, with this difference, that the contracts, instead of being made with private individuals, were to be made in the first instance with the Government, and the Government was afterwards to distribute the labour. It provided for the appointment of emigration agents at ports and the establishment of depôts, and also for the punishment of people who endeavoured to recruit without a license under the Act. A certain amount of action was taken under the law, an emigration agent was appointed at Coconada and a few emigrants went to Burma; but at the end of a few years the law was found to be a dead failure. The office of emigration agent was abolished, the depôt was sold by auction, and no further attempt was made to carry out the Act. But, side by side with this system of State emigration, there was, both before and after, and during the continuance of that action, a system of labour emigration continually going on from Madras to Burma under private arrangement. A certain number of labourers was collected, their passages were paid, advances were given to them and those engaged in the business took their chance of recovering the outlay from the wages of the labourers. This system practically only applied to Rangoon and the large coast towns, but not to the interior of the country. It had grown to considerable dimensions, and was still being carried on satisfactorily. No complaints had been made either by the Burmese or by the Madras Government, nor by the parties to the contract. But last year an officer in Madras discovered that this system of emigration was illegal; a case was tried there, the persons concerned were fined and the matter was referred to the High Court. The High Court decided that it was illegal, because the recruiter held no license. He could not have a license, because there was no emigration agent to grant one. The Madras Government, however, were of opinion that the Act was never intended to have that effect, that it referred only to State emigration, and not to private emigration, which had been going on there for years. On a reference to the Chief Commissioner of British Burma, he strongly supported the view taken by the Madras Government, and he subsequently wrote very strongly that private emigration should be allowed to go on, because he found that the importation of labour from Madras, which was largely resorted to in connection with the construction of the Sittang Railway, was seriously impeded under the existing law; and he recommended that the existing law, Act III of 1876, should be repealed. The Madras Government fully approved of the proposed repeal of the law. They recommended that the law should be abolished, and that section 3 of the Madras Act, which it repealed, should be revived. That section simply provided a penalty for recruiting people by fraud, violence or whilst in a state of intoxication. The Government of India decided that this was unnecessary, as the provisions of the Indian Penal Code were sufficient to punish the commission of such offences. The Government of India were on principle opposed to the re-enactment of such a shred of legislation; the Government of Madras accepted that view, and it was therefore determined to introduce the present Bill.

His Honour THE LIEUTENANT-GOVERNOR said: "The Act of 1876, my Lord, was a very unnecessary one, and should be repealed. It was passed under the mistaken idea that the Government should intervene to control and direct emigration from India to Burma, and in the hope that the action of Government might lead to the settlement of coolies in the province. The fact is that the demand for labour there at special seasons is amply supplied by the perfectly voluntary emigration which sets in from both Madras and the districts of Bengal adjoining Burma. These men, however, only go to Burma for a short season, and, having obtained very large wages during their stay, they return to their homes enriched with their earnings. They confer no permanent benefit upon the province. The attempt of Government, however, to control it has made no improvement. It cost the Government a good deal

of money, and did not for a moment check the voluntary emigration which went on side by side with it. And it is certainly much better that the voluntary system should continue; and it is in this direction the present Chief Commissioner, Mr. Bernard, is acting, in promoting, as much as he can, voluntary emigration, by enabling the steam companies to carry over emigrants at a cheaper cost."

The Motion was put and agreed to.

DEKKHAN AGRICULTURISTS' RELIEF ACT, 1879, AMENDMENT BILL.

The Hon'ble MR. HOPE presented the Report of the Select Committee on the Bill to amend the Dekkhan Agriculturists' Relief Act, 1879.

RULES OF BUSINESS.

The Hon'ble MR. ILBERT gave notice of his intention to propose certain amendments of the Rules of Business which had been passed under the Indian Councils Act. He said that a draft of the proposed amendments, with a Statement of the Objects and Reasons for which they were proposed, had, he believed, been circulated among hon'ble Members of Council. But as these proposals only formed part of a general scheme for giving greater publicity to legislative measures, it would perhaps be convenient that he should take this opportunity of stating what the Government of India had done, what they were doing and what they were proposing to do in furtherance of this policy. It was doubtless in the remembrance of those present that, in the course of one of the debates which took place in the early part of this year, Mr. Plowden, who bade them farewell at the last meeting, and whose absence they all regretted to-day, called attention to the inadequacy of the existing arrangements for giving publicity to Bills brought into Council. His remarks were taken up by the Press and gave occasion to some interesting and suggestive articles and letters in the newspapers; amongst which he might be permitted to mention an article in the *Hindoo Patriot* of February the 13th last, and a letter written by a Native correspondent to the *Pioneer* of February the 25th. The subject was not overlooked by the Government of India, and on his arrival at Simla, at the end of April, he found that it was under the consideration of the Legislative Department. At that time, the legislative machinery of this country was entirely new to him, and he was anxious in this, as in other matters, to gain some practical knowledge of the working of the system before committing himself to proposals for its amendment. Accordingly, he pleaded guilty to being personally responsible for any delay which had occurred in taking action on the subject. The most important conclusions at which the Government of India ultimately arrived were embodied in a circular letter from the Secretary to the Legislative Department, which was issued on the 8th September last, and to which the widest publicity had been given. That letter began by observing that more direct steps were already taken by the Government of India than were taken in England to make the Bills before the legislature known to the public. In Bengal and, it was believed, in other parts of India, the Vernacular Gazettes were sent to all the Courts, and were there read by the pleaders and mukhtárs. Public bodies of weight or influence were consulted on Bills of importance. Besides the large associations to which the Local Government referred direct, there were local associations which the District Officer usually consulted. Every District and Sub-divisional Officer was expected, not only to express his own opinion, but also to ascertain the opinions of the Natives around him; and, as a matter of fact, the papers which were printed regarding important Bills commonly contained many valuable opinions from Native associations and from individual Native gentlemen. The letter went on to remark that it must be borne in mind that some of the most important Bills which came before the Council, and, in particular, measures like the great codifying Acts in connection with which this question had arisen, were, no matter how clearly they might be drafted, of such a nature that, even

with the aid of the fullest explanations, none but experts could hope to master their contents sufficiently to offer any useful criticism on them. Similar measures met with but little criticism in England outside professional circles, and in India the prospect of obtaining useful criticisms on measures of this class was much diminished by the difficulties of translation, to which reference was subsequently made. Perhaps he might be allowed to confirm the last remark from his own experience. Amongst the measures which had engaged the attention of Parliament during the last two years, some of the most important were two Acts passed at the instance of Lord Cairns--one for the amendment of the law of conveyance and the other for the amendment of the law relating to settlements of land. The first of these measures had made important alterations in the practice relating to the transfer of landed property; in regard to the second, it was not too much to say that it materially affected the position and powers of the landed gentry throughout the whole of England. Yet neither of these measures met with much general criticism. Their provisions were, to the best of MR. ILBERT's belief, criticised by no one outside the ranks of professional lawyers, and by very few of them. The Criminal Code Bill, which had not yet become law, had been a good deal more talked about, but the amount of serious criticism which it had undergone, and the number of those who had taken the trouble to master its provisions, was extremely small. Hon'ble Members knew that it was very easy to talk about matters of this kind without any great knowledge of the provisions of the Bill. He very much doubted whether any one who was not a lawyer had turned over its pages. He did, indeed, remember seeing a clever little pamphlet entitled "Thoughts on the Criminal Code Bill by a Habitual Criminal," but he suspected that the gentleman who so described himself was a member of the profession to which MR. ILBERT himself had the honour to belong. The truth was, that codifying measures of this description were, as a rule, very seldom read; although they were, doubtless, consummate works of art in their way, they were extremely dry reading; and no one, so far as his experience went, took the trouble to read them except under the pressure of dire necessity. Accordingly, he had no reason to expect that measures of this kind would ever constitute a popular form of literature either among the criminal or among the non-criminal classes.

To return to the circular letter. After these prefatory remarks, which were made, not for the purpose of minimizing the importance of the subject, but for the purpose of guarding against exaggerated notions of what the Government proposed to do, the letter went on to suggest certain practical changes.

The first of these related to the Statement of Objects and Reasons. One suggestion was that a fuller and more popular Statement of Objects and Reasons might be published, showing why the measure was required, and giving a short history of the circumstances which had led up to it, and an explanation of the effect it was likely to have on the subject-matter and on the people. They had done their best in the Legislative Department to give effect to this proposal, and to make not only the Statements of Objects and Reasons but the Reports of Select Committees fuller and more popular in form than was formerly the practice, and, so far as was consistent with the nature of the subject, to make them clear and intelligible to the ordinary unscientific mind. The draftsman of a Bill always had to steer between the Scylla of the judicial Bench and the Charybdis of the public. If he aimed at a popular style—if he tried to express the intention of the legislature in popular language, the language of everyday life—he was sure to be told by the Bench and the Bar that he was prolix, that he was inaccurate and that he was wanting in precision. If, on the other hand, he aimed at scientific accuracy and precision, he was informed by the public that he was crabbed in style, and that he was obscure and unintelligible. To escape altogether from this dilemma was impossible, but perhaps the best plan would be to provide a technical text for the official and professional classes and a popular commentary for the public, and that was what the Legislative Department had attempted.

The next subject to which the letter directed attention was that of translation, and here there was a serious difficulty inherent in the subject which

could not be entirely removed. Any one who had attempted it would acknowledge that it was hard enough to give an adequate rendering of English legal terms in French or German, or of French or German legal terms in English. But it was infinitely more difficult to translate such expressions accurately into languages where not only the modes of thought and forms of expression were further removed from English than in the case of European languages, but the requisite scientific terminology was either altogether wanting, or was so defective that the vocabulary had to be supplemented with unfamiliar and artificial importations from the Arabic or Sanscrit. They could not, under these circumstances, hope to make translations which were altogether satisfactory. All that could be aimed at was to make them as accurate and as intelligible, not only to experts, but to the ordinary public, as the circumstances of the case would admit, and steps were being taken to effect that object. In the first place, arrangements had been made to test the accuracy and intelligibility of the translations which had already been made of Bills and Acts; secondly, the Local Governments had been applied to for information as to the machinery which they employed for making translations, with the view of considering whether it was possible to make any improvements in that direction; and thirdly, it was proposed to utilise to a greater extent than at present the labours of the Translation Branch of the Legislative Department.

Assuming that the objects aimed at had been sufficiently explained in English, and that provision had been made for tolerably satisfactory translations into the vernaculars both of Bills and of the accompanying documents, the next question was, how all these documents could be brought to the notice of the persons whose opinion it was desired to elicit. That was a point on which the Local Governments would be consulted, both as to the machinery for distribution, and as to the persons and associations to whom those documents were to be supplied. In the meantime, it was proposed generally that, when a Bill had been introduced, the Bill itself, the Statement of Objects and Reasons and, whenever it appeared necessary, the speech made by the Member in charge when he moved for leave to introduce the Bill or when he introduced the Bill, should be printed in a separate form on cheap paper, so as to be available, with the translations, for gratuitous distribution to the Press, and to such municipalities, local boards and associations interesting themselves in public questions as was considered desirable. It was also proposed that these papers might be made available for perusal without fee at court-houses and kachahrís, and that they should be sold at a low price to the public. Steps had been taken to ascertain how cheaply they could be published and sold. MR. ILBERT could not speak positively at present, because the necessary inquiries had not been completed; but he thought the Government of India saw its way to supply to any person or association, who might be willing to subscribe, copies of all Bills, Statements of Objects and Reasons, Reports of Committees and Reports of Debates in the Council at what he thought would be admitted to be the very reasonable rate of two rupees a year.

Supposing that as much publicity as was practicable had been given to the proceedings of the Council, the next question was how they could best secure that such criticisms as were offered should duly reach the Council and not be overlooked. It was hardly necessary to say that, without the light afforded by external criticism, every legislative proposal was, and must be, to a great extent a leap in the dark. Experience showed that legislative proposals could not be effectually or thoroughly considered until they had been reduced into the form of Bills, and that, until a Bill had gone through the ordeal of external criticism, its draftsman, however skilful and experienced he might be, must feel uncertain that he had attained the object which was desired. What the Government desired to know was whether they had succeeded in making their meaning sufficiently clear; whether they had provided for all matters for which it was necessary that provision should be made; whether their proposals were consistent with each other, harmonious with existing legislation and adapted to local requirements; whether they had omitted to make any provision which was required for the effectual working of the Act; whether any of their proposals were likely to produce effects which they neither contemplated

nor intended. To put the matter shortly, they wanted to know two things:—First, whether the machinery which they had devised was likely to work; and secondly, to change the metaphor, where the shoe was likely to pinch. For information on the first point, they naturally turned to the official classes, to the officers who would have to administer the law and to the Judges who would have to expound it. They had freely availed themselves of their privilege of consulting this class on all the larger measures which were brought into Council, and in so doing they were compelled to levy heavy contributions on their valuable time. The only way in which they could repay the debt was by taking care that their suggestions should not be overlooked. The second point on which information was desired was one of equal importance, but far more difficult to obtain. What they wanted to know was, not only how the Bill would work, not only what was thought of it by those who would work it, but the effect the Bill would have on the persons on whom it would operate. They wanted to find out what were the feelings and the expectations, the apprehensions and the impressions, not of those who were to administer the law, but of the people on whom the law was to operate, and whose interests and welfare it must, for good or bad, intimately affect. Something was to be learned on these points from sympathetic and experienced officials, who had lived among the people and had acquired some knowledge of their ways and modes of thought: something more could be learnt from influential and representative associations, such as the British Indian Association, the Puna Sarvajanik Sabha and others, though it must always be borne in mind that such associations represented not so much the public at large as the views of particular classes and interest. But, after making due allowance for all such sources of information, their best source of information was, and must be, the public Press. They all knew that the Press was by no means an infallible guide; that it was sometimes misleading, inasmuch as it was apt to be the mouth-piece not of the public, but of a particular class or set of interests. But after all, and making due allowance for all this, it was almost the only voice that spoke to them from outside the charmed circle of officialism, and therefore it was a voice which the Government could not afford, and certainly did not desire, to disregard. Accordingly, attempts were being made to watch more closely than heretofore the comments in the Press, both English and Vernacular, and the Government of India had requested that those who were responsible for compiling the weekly extracts from the vernacular newspapers should pay special attention to any comments in these papers on matters connected with pending legislation; and they had arranged that, in certain cases, full abstracts from newspaper articles should be circulated to members of the Legislative Council in the same way as official communications were now circulated. He had no doubt that members of Council had already observed that the number and bulk of the papers with reference to published Bills had materially increased owing to such abstracts.

The next point to which reference was made in the letter was the possibility of making some amendments in the Rules of procedure, and that was the point to which MR. ILBERT'S notice specially referred. But, before touching upon that, he should like to say a few words on one other subject. So far they had been considering only Bills which were destined to become Acts. But there was a great deal of legislation which affected the interests of the public as intimately as—he was inclined to think, even more intimately than—the Acts either of the Governor General in Council or of the local legislatures. What he referred to were the numerous notifications, rules and regulations which were made from time to time either under executive authority or under the authority of a particular Act. The existing practice with reference to these rules was that, when they were made, they were published in the local official Gazette or in the *Gazette of India*, as the case might be. It appeared to the Government of India that, in the case of legislation of this kind,—for it was legislation,—it was as important as in the case of Bills that opportunity should be given for external unofficial criticism before the rules had been finally settled. The Government had accordingly recommended that any rule, regulation or notification which affected the outside public, whether made under executive authority or

under the authority of an Act, should, before being issued by the Local Government or Administration, and, where sanction was required, before being submitted for the sanction of the Governor General in Council, be published as a draft, with the view of ascertaining whether any valid objection could be taken to it. In making this recommendation, it was proposed to follow an English precedent, which was precisely in point. Under numerous Acts of Parliament, power was given to bodies like Railway Companies, Harbour Boards, Municipal Councils and the like to frame bye-laws which were binding on particular sections of the public. Where powers of this kind were conferred by modern Acts of Parliament, it was almost uniformly the case that the power was conferred with a proviso that, before the bye-law was submitted to the confirming authority, it should be published as a draft in such a manner as might appear necessary to bring it to the notice of the class of the public likely to be affected by the bye-law. The mode of publication usually required was that the bye-laws should be inserted as advertisements in two or more local newspapers circulating in the district to which they related, and that copies should be posted up during a specified time in certain public offices, as well as in the town hall and other public buildings where they were likely to attract attention. Of course, that precise mode of publication might not be found suitable in India, and the Government would have to consider what was the best mode to adopt for the purpose of securing the end in view.

Now, he turned to the proposals which had been made for amending the Rules of Business. Criticisms had been passed on the existing procedure to the effect that, under that procedure, sufficient time for consideration was not allowed after the introduction of a Bill, especially to those who were dependent on translations, which could not be brought out until some time after the introduction of the Bill, and it had been suggested that a Rule of Business should be framed which would preclude the Select Committees, to which all Bills of any importance were referred, from reporting on a Bill until a specified period had elapsed from the date of its publication in the vernacular languages. Any such hard-and-fast rule would, it was feared, be altogether unworkable. The time to be allowed in each instance must depend upon all the circumstances of the case; but, with a view to imposing a check upon over-haste, it was proposed to introduce into the 24th of the Rules of Business a provision to the effect that, when publication in the vernacular or in the local Gazettes had been ordered by the Council (as it always was in the case of any Bill in which the people were interested), the Select Committee should in their report state the date on which the Bill had been published in each language and Gazette. The result of this would be that, if in any case the Committee proposed to proceed with a Bill before any particular section of the community had been allowed the time to form its opinion which would ordinarily be considered sufficient, the fact would be brought prominently to notice, and some special grounds of urgency would have to be adduced in support of the course proposed.

Another point to which reference was made in the letter of the 8th September related to the republication in the vernacular as well as in English of Bills which the Select Committee considered had been so amended as to need republication. As regarded this point, MR. ILBERT ought to state that, though the Rules of Business contained no express provision respecting it, the more important Bills were at present republished in vernacular as well as in English. The only question was whether this practice should not be extended.

It would seem right, as a general rule, that, when a Bill was of such a nature that the Council thought it necessary to order it, on its introduction, to be published in the vernaculars, and the Select Committee thought it had been so altered as to require republication, there should be a republication in the vernacular languages as well as in English. But this was not always so. It occasionally happened that the alterations in a Bill which led the Committee to recommend its republication were alterations merely in drafting or in matters of procedure, and that republication was recommended, not because the interests of any persons concerned were supposed to be affected, but simply because, owing to the complication of the subject, or to the danger of there

being some flaw which would cause a hitch in the working of the Bill as amended, it was thought desirable to submit it once more to the judgment of experts. In a case of this sort, a republication in English was obviously all that was required.

In this case also, it had been thought impracticable to lay down any hard-and-fast rules, and the requirements of the case would probably be best met by adding to the twenty-fourth Rule of Business a provision to the effect that, when the Committee recommended the republication of a Bill originally published in a vernacular language, the republication should, as a rule, take place in the vernacular as well as in English, and that, if in any case the Committee did not consider republication in the vernacular to be necessary, they should give their reasons for that opinion in their report. The clauses it was proposed to insert laid down a similar rule regarding republication in local Gazettes, a matter to which the same considerations appeared to apply.

Lastly, it had been suggested that, when a Bill came to be "taken into consideration," whether it had been dealt with by a Select Committee or not, the President should have power, in any case in which such a course seemed to him desirable, to submit the Bill to the Council section by section, as was done in Parliament in Committees of the whole House. The discretion as to whether this course should be adopted or not would rest with the President, who would determine whether the Bill was of such a kind as to require it or not. There was no doubt that the adoption of this course would take up time, but this objection, it was thought, would be more than outweighed by the advantage gained in affording a better opportunity than at present existed for explaining to the public the details of a measure and the real meaning of its separate provisions. Members of the Council would, where a Bill was dealt with in this way, have more means than they now possessed of asking questions upon points of detail, and the Government would be able to give more ample explanations than it was possible for them to give under the ordinary procedure.

His Excellency THE PRESIDENT suggested, that it would perhaps be both more regular and advisable that the Council should not enter into any discussion of the points raised by Mr. Ilbert on the present occasion. His Hon'ble friend had given a very clear explanation of the proposals of the Government on the subject, and HIS EXCELLENCY himself would, therefore, at present abstain from making such remarks as he might be inclined to make at a later period. He thought that it would be better that members of Council should take time to consider Mr. Ilbert's proposals, and that a subsequent stage, after a certain amount of discussion had taken place on them in the Press, and the public had an opportunity of considering them, would present a more fitting occasion for the expression of the views of members on those proposals.

The Council adjourned to Friday, the 22nd December, 1882.

CALCUTTA;
The 15th December, 1882.

D. FITZPATRICK,
Secretary to the Government of India,
Legislative Department.

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SUPPLEMENT TO

The Gazette of India.

Nº 52. CALCUTTA, SATURDAY, DECEMBER 30, 1882.

OFFICIAL PAPERS.

A SUPPLEMENT *to the* GAZETTE OF INDIA *will be published from time to time, containing such Official Papers and information as the Government of India may deem to be of interest to the Public, and such as may usefully be made known.*

Non-Subscribers to the GAZETTE *may receive the* SUPPLEMENT *separately on a payment of six Rupees per annum if delivered in Calcutta, or nine Rupees if sent by Post.*

No Official Orders or Notifications, the publication of which in the GAZETTE OF INDIA *is required by Law, or which it has been customary to publish in the* CALCUTTA GAZETTE, *will be included in the* SUPPLEMENT. *For such Orders and Notifications the body of the* GAZETTE *must be looked to.*

GOVERNMENT OF INDIA.

HOME DEPARTMENT.

AMENDMENT OF RULE II OF THE RULES REGARDING THE LEVY AND EXPENDITURE OF FEES ON MASONRY GRAVES AND MONUMENTS IN CEMETERIES AND CHURCHES.

Extract from the Proceedings of the Government of India, in the Home Department (Ecclesiastical),—Nos. 4—248-63A., under date Fort William, the 27th December 1882.

Read again:—

Home Department Resolution Nos. 6—370 to 382, dated the 9th November 1876, containing rules relating to churches and cemeteries.

Home Department Notification, dated the 12th December 1877, publishing rules for the care and use of Government cemeteries throughout India except those in the Presidency Town of the Diocese of Calcutta.

Read also the following papers regarding the materials to be used in the erection of tombs:—

From the Government of Madras, No. 2254 W., dated 1st September 1882.

To the Venerable the Archdeacon of Calcutta, No. 190, dated 21st September 1882.

From the Venerable the Archdeacon of Calcutta, No. 896, dated 5th October 1882.

RESOLUTION.

In paragraph 3 of Home Department Resolution, dated the 9th November 1876, cited in the preamble, it is laid down that the dimensions of a monument over a pucka grave must not exceed eight feet by four feet at the base except with the previous sanction of the Local Government concerned, and that a simple cross or head-stone on an adequate masonry foundation, not ex-

ceeding three feet by two feet, is the only monument that should be allowed over a kutcha grave. Rule II of the rules regarding the levy and expenditure of fees on masonry graves and monuments in cemeteries and churches throughout India, published under Home Department Notification, dated the 12th December 1877, read above, provides that a fee of one rupee per square foot shall be levied on the erection of a monument in a burial ground, provided, however, that for a simple head-stone or flat slab not more than three feet six inches in height or length and two feet in width, a uniform fee of ₹ 5 only shall be charged.

2. With reference to the rules contained in the Resolution of 9th November 1876, the Government of Madras, in September last, invited the attention of the Government of India to the desirability of laying down some rule in regard to the nature of the materials to be used in the erection of tombs. In view of the great expense entailed in the maintenance of structures formed of brick and chunam, of which the great majority of tombs in the Madras Presidency are built, the Madras Government suggested that above the level of the ground the use of any other material than cut stone should in all cases be prohibited.

3. The Governor General in Council is, however, advised that the adoption of the recommendation made by the Government of Madras might possibly be productive of hardship in view of the fact that in most parts of India cut stone is very expensive, while in some parts it is believed to be practically unattainable except by persons in affluent circumstances. In order to attain the object in view, it has been suggested by the Venerable the Archdeacon of Calcutta that—

(1) the words "of stone or marble" should be added after the words "a simple head-stone or flat slab" in Rule II contained in Home Department Notification dated 12th December 1877; and

(2) that the fee of one rupee per square foot prescribed by that rule for all masonry monuments should be retained, but that the monuments should not exceed an entire height of three feet from the ground, the fee of one rupee being reduced to 8 annas in the case of monuments of stone or marble.

4. The suggestions made by the Venerable the Archdeacon of Calcutta commend themselves to the Government of India, and the Governor General in Council accordingly directs that Rule II of the rules contained in Home Department Notification, dated 12th December 1877, be altered in the manner described in the preceding paragraph of this Resolution.

ORDER.—Ordered, that the above Resolution be forwarded to the Government of Madras for information, with reference to the letter thence, No. 2254W., dated 1st September last, and to other* Local Governments and Administrations for information; to the Public Works and Military Departments, and the Department of Finance and Commerce; and to the Bishop's Chaplain, the Venerable Archdeacon† of Calcutta, and the Senior Chaplain of the Church of Scotland.

* Bombay. Bengal. N. W. P. and Oudh. Punjab. Central Provinces. British Burma. Coorg. Assam. Hyderabad.

† With reference to his letter No. 896, dated 5th October 1882.

Ordered further, that the Resolution be published in the Supplement to the *Gazette of India*.

(True Extract.)

A. MACKENZIE,
Secretary to the Government of India.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

RAILWAY TRAFFIC.

No. XLV OF 1882.

APPROXIMATE STATEMENT OF GROSS RECEIPTS AND EXPENSES OF INDIAN RAILWAYS.

Latest return received.	Railways.	Total mean length open.	Receipts for week ending 12th November 1881. Total.	Per mile open.	Total mean length open.	Receipts for week ending 11th November 1882. Total.	Per mile open.	Total Receipts from 1st April to 12th November 1881. Total.	Per mile open per week.	Total Receipts from 1st April to 11th November 1882. Total.	Per mile open per week.	Total Increase in 1882-83.	Total Decrease in 1882-83.
	Guaranteed.		₹	₹		₹	₹	₹	₹	₹	₹	₹	₹
4th Nov.1882	Eastern Bengal	172	1,17,470	683	193	1,39,689	724	34,61,784	624	36,07,879	648	1,46,095	...
11th ditto	Oudh and Rohilkhund	547	90,005	164	547	99,599	182	29,32,785	166	29,93,033	170	60,248	...
11th ditto	Sind, Punjab & Delhi	676	2,12,842	315	676	2,35,704	349	55,87,921	256	57,99,076	266	2,11,155	...
18th ditto	Madras	858	97,776	114	861	1,13,412	132	38,81,279	140	43,40,086	157	4,58,807	...
18th ditto	South Indian	655	61,782	94	655	66,103	101	23,52,671	111	23,14,731	109	...	37,940
11th ditto	Great Indian Peninsula	1,447	7,00,125	484	1,458	6,36,997	437	1,87,84,319	403	1,91,87,333	411	4,03,014	...
11th ditto	Bombay, Baroda and Central India	444	1,75,795	396	461	1,64,788	371	56,32,827	393	58,75,165	396	2,42,338	...
	TOTAL	4,799	14,55,795	303	4,851	14,56,092	300	4,26,33,586	275	4,41,17,303	284	14,83,717	...
	State.												
11th Nov.1882	East Indian	1,504	9,05,092	602	1,507	10,12,612	672	2,63,69,583	643	2,66,75,966	550	3,06,383	...
11th ditto	Calcutta and South-Eastern	28	2,449	87	33	2,760	84	91,002	100	1,27,228	127	36,226	...
11th ditto	Nalhati	27	1,221	45	27	1,133	42	38,650	44	42,098	48	3,448	...
11th ditto	Northern Bengal	233	44,602	191	230	51,721	225	10,76,340	144	12,16,771	164	1,40,431	...
11th ditto	Tirhoot	85	12,123	143	75	11,149	149	3,33,857	127	3,87,292	148	53,435	...
11th ditto	Patna-Gya	57	11,888	208	57	7,196	126	3,10,907	169	3,07,306	167	...	3,601
11th ditto	Muttra-Hathras	29	2,002	69	29	3,188	110	86,545	92	74,218	79	...	12,327
11th ditto	Cawnpore-Furrakhabad	86	5,909	69	87	7,105	82	1,68,478	88	2,03,838	73	35,360	...
18th ditto	Dildarnagar-Ghazipur	12	899	75	12	859	72	23,430	63	27,299	71	3,869	...
11th ditto	Rajputana-Malwa	1,016	1,98,277	195	1,116	1,88,150	169	53,15,400	162	60,38,650	168	7,23,250	...
18th ditto	Wardha Coal	45	6,767	150	45	12,743	283	2,87,282	197	3,21,068	221	33,786	...
18th ditto	Nagpur & Chhattisgarh	53	3,830	72	98	6,456	66	1,65,092	96	2,99,542	95	1,34,450	...
18th ditto	Rangoon and Irrawaddy Valley	161	32,921	204	161	31,429	195	8,19,840	158	8,53,429	165	33,589	...
11th ditto	Sindia	75	7,573	101	75	7,363	98	1,83,502	76	1,90,262	78	6,760	...
11th ditto	Punjab Northern	368	58,659	162	419	52,830	126	17,66,051	151	17,70,102	131	4,051	...
11th ditto	Indus Valley and Kandahar	660	1,28,669	195	660	1,59,790	242	(b)29,70,699	144	(a)27,00,553	131	...	2,70,146
11th ditto	Muttra-Achnera	23	600	26	23	1,940	84	...	...	41,422	56	41,422	...
11th ditto	Kauria Dharla Tramway	21	1,563	74	32	1,748	55	(c)22,646	62	49,327	48	26,681	...
	TOTAL	2,974	5,19,952	175	3,179	5,47,560	172	1,36,59,721	145	1,46,50,405	144	9,90,684	...
	Native States.												
11th Nov.1882	Bhavnagar-Gondal	193	15,393	79	193	8,707	45	4,12,423	80	5,18,779	83	1,06,356	...
18th ditto	Nizam's	121	15,396	127	121	13,413	111	4,85,915	124	5,28,605	136	42,690	...
11th ditto	Mysore	58	2,596	45	86	6,073	71	90,286	48	1,81,354	65	91,068	...
18th ditto	Jodhpore	...	...	...	19	320	17	...	...	(d)10,425	27	10,425	...
	TOTAL	372	33,385	90	419	28,513	68	9,88,624	90	12,39,163	92	2,50,539	...
	GRAND TOTAL	9,649	29,14,224	302	9,956	30,44,777	306	8,36,51,514	271	8,66,82,887	272	30,31,323	...
	GROSS ESTIMATED EXPENSES	...	...	...	...	...	...	4,20,42,651	136	4,25,15,189	133	...	...
	NET RECEIPTS	...	...	...	...	...	...	4,16,08,863	135	4,41,67,648	139	25,58,785	...

(a) Total receipts from 1st April to 21st October 1882, and the receipts for the weeks ended 4th and 11th November 1882.
(b) Total receipts from 1st April to 22nd October 1881, and the receipts for the weeks ended 5th and 11th November 1881.
(c) Total receipts from 9th July to 12th November 1881.
(d) Total receipts from 24th June to 11th November 1882.

G. F. L. MARSHALL, *Major, R.E.,*
Under-Secretary.

FORT WILLIAM,
The 22nd December 1882.

GOVERNMENT OF INDIA.

DEPARTMENT OF FINANCE AND COMMERCE.

SUPPLEMENT TO THE STATEMENT OF PRICES CURRENT OF FOOD-GRAINS FOR THE 2nd HALF OF NOVEMBER 1882 PUBLISHED IN PAGES 1822, 1823, 1830 AND 1831 OF THE SUPPLEMENT TO THE "GAZETTE OF INDIA," DATED 23rd DECEMBER 1882.

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS. (S. C.)

Provinces	Districts	Wheat: Present fortnight	Wheat: Past fortnight	Wheat: Corresponding fortnight of last year	Barley: Present fortnight	Barley: Past fortnight	Barley: Corresponding fortnight of last year	Rice, Best sort: Present fortnight	Rice, Best sort: Past fortnight	Rice, Best sort: Corresponding fortnight of last year	Rice, Common: Present fortnight	Rice, Common: Past fortnight	Rice, Common: Corresponding fortnight of last year
Madras	Ganjam (*Revised*)	8 13	8 13	13 0	...	...	...	19 6	17 13	16 3	21 3	19 8	17 2
Bombay	Bombay	10 0	10 0	10 4	17 15	17 7	20 6	8 12	8 9	7 15	12 11	13 15	12 10
	Ahmedabad	13 8	14 8	16 0	20 0	20 0	24 8	9 0	8 8	6 8	14 0	13 0	12 0
	Kaira	11 7	11 7	13 5	22 14	22 14	24 9	10 0	10 0	9 2	14 9	15 4	14 5
	Surat	12 8	12 8	13 1	12 6	12 6	12 4	8 3	8 3	6 13	8 12	8 12	8 5
	Broach	12 9	12 9	16 0	...	...	...	11 1	11 1	9 6½	13 5	13 5	13 5¼
	Tanna (Salsette)	9 12	9 12	10 5	...	...	...	9 0	9 0	8 2	11 4	11 4	11 4
	Colába (Alibág)	8 8	9 0	10 0	...	...	...	8 8	7 8	10 8	15 0	15 0	14 0
	Khandesh (Dhulia)	14 2	14 2	16 12½	...	...	...	7 4	7 4	7 4	10 15	10 15	10 15
	Násik	11 6	11 6	14 5	...	...	...	7 7	7 7	7 7	12 0	12 0	12 10
	Ahmednagar	13 2	13 4	14 4	...	...	...	9 7	10 4	8 9	10 14	11 5	10 8
	Poona	12 10	12 10	11 8	...	...	...	11 0	11 0	8 9	12 4	12 4	11 0
	Sholápur	13 10	13 0	14 8	...	...	...	10 15	10 15	10 7	12 4	12 4	11 5
	Kaládgi (Bagalkot)	20 8	22 0	18 0	15 0	14 12	12 0	6 12	6 12	6 8	10 8	9 12	8 8
	Satara	10 11	10 11	12 1	...	...	...	8 3	8 3	9 11	10 0	10 0	11 2
	Belgaum	18 8	18 3	17 4	13 0	14 0	11 0	11 0	10 6	11 0	11 8	11 6	11 8
	Dharwar (Hubli)	23 0	23 0	23 0	...	...	...	13 0	12 0	10 0	14 0	14 0	11 0
	Ratnágiri	11 14	11 14	10 9	...	...	...	8 9	8 9	10 0	15 9	15 9	15 9
	Kanara (Karwar)	10 8	10 8	12 2	...	...	...	8 0	8 0	7 10	12 0	12 0	13 10
	Pánch Maháls (Godhra)	10 0	11 6	11 6	...	...	...	11 6	11 6	11 6	15 0	15 0	15 0
	Aden	8 0	8 0	8 0	...	...	...	7 0	7 0	6 3	8 0	8 0	7 0
	Asirgarh	14 4	14 3	15 0	...	...	...	10 4	10 4	10 0	11 5	11 4	12 0
	Baroda	9 5	10 0	10 9	15 5	14 12	14 0	9 15	10 0	8 0	12 4	11 13	11 7
	Disa	14 9	15 0	15 10	...	...	...	7 6	7 6	6 6	9 0	8 14	8 6
	Nimach	16 0	16 0	19 0	17 0	15 0	24 0	10 0	8 0	8 0	10 8	10 0	9 0
	Nasirabad	17 8	17 8	17 13½	24 8½	25 0	25 0	6 0	6 0	6 0	7 0	7 0	7 0
	Rájkot	15 14	15 9	17 12	...	...	...	6 8	6 8	5 8	11 8	11 8	10 12
Rajpootana	Meywar (Oodeypore)	14 13½	14 13½	16 12¾	22 10½	21 14	21 14	10 15	10 8¾	8 13¾	...	...	...
	Bánswára (Meywar Agency)	22 8	22 8	25 0	...	...	...	7 8	8 12	7 8	18 12	18 12	16 4

Provinces	Districts	Great Millet (Cholum, Jowar), *Holcus Sorghum*: Present fortnight	Great Millet: Past fortnight	Great Millet: Corresponding fortnight of last year	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata*: Present fortnight	Bulrush Millet: Past fortnight	Bulrush Millet: Corresponding fortnight of last year	Lesser Millets, Ragi, &c. (Kavaru, Veragoo, Sawee, Cheena, Coraloo, Murhwa, Nuglee, &c.), *Panicum Miliaceum*, *Eleusine Coracana*, &c.: Present fortnight	Lesser Millets: Past fortnight	Lesser Millets: Corresponding fortnight of last year	Gram: Present fortnight	Gram: Past fortnight	Gram: Corresponding fortnight of last year
Madras	Ganjam (*Revised*)	...	...	...	...	...	...	46 14	35 3	38 2	20 0	26 10	26 10
Bombay	Bombay	19 6	18 14	23 7	17 10	18 9	17 9	14 1	12 13	15 7	18 0	17 5	18 2
	Ahmedabad	19 0	19 0	23 0	17 0	17 0	18 0	...	...	...	19 8	19 8	24 8
	Kaira	20 0	20 0	20 0	15 4	15 4	16 0	...	...	...	20 0	20 0	20 0
	Surat	15 9	15 9	18 13	14 14	14 14	17 12	...	...	...	16 0	16 0	17 4
	Broach	16 13½	16 13½	21 5¼	15 4	15 4	17 12½	...	...	...	17 13½	17 13½	20 0
	Tanna (Salsette)	18 10	18 10	18 10	15 0	15 0	18 0	25 11	25 11	25 11	14 15	15 14	15 10
	Colába (Alibág)	...	...	...	...	...	...	...	...	...	12 8	14 0	14 8
	Khandesh (Dhulia)	20 0	20 0	34 0	16 3	16 3	23 6½	...	...	...	17 0	17 0	26 15
	Násik	22 6	22 6	28 0	17 0	17 0	22 9	29 14	29 14	34 8	16 15	6 15	25 6
	Ahmednagar	25 6	27 10	44 8	21 0	22 4	31 5	...	...	...	19 0	19 3	25 2
	Poona	23 15	26 2	30 7	18 6	19 9	23 0	...	...	...	14 15	14 15	21 14
	Sholápur	26 12	32 12	37 15	25 12	27 9	33 1	...	...	...	17 5	15 1	22 15
	Kaládgi (Bagalkot)	32 0	35 8	32 0	31 0	31 12	28 0	...	...	...	12 0	12 8	16 0
	Satara	18 10	22 10	29 4	18 2	19 6	27 3	...	...	...	13 10	13 10	15 9
	Belgaum	30 0	30 0	26 0	27 0	27 0	21 0	39 0	39 0	34 0	11 8	11 8	15 0
	Dharwar (Hubli)	30 0	28 0	28 0	27 0	27 0	21 0	35 0	35 0	35 0	12 0	11 0	13 0
	Ratnágiri	20 13	20 15	20 13	19 10	14 11	19 10	21 2	21 2	21 2	15 6	15 6	16 13
	Kanara (Karwar)	18 0	18 0	18 0	...	...	...	20 0	20 0	22 0	13 0	13 0	14 0
	Pánch Maháls (Godhra)	32 0	32 0	35 8	17 12	16 0	24 0	26 10	23 0	32 0	26 10	32 0	32 0
	Aden	11 3	11 3	11 3	9 5	9 5	9 5	...	...	...	9 5	9 5	9 5
	Asirgarh	25 13	26 4	44 0	22 4	22 0	42 0	...	...	...	15 3	15 0	28 0
	Baroda	17 8	18 13	...	15 12	15 15	16 0	...	...	...	16 5	16 8	18 14
	Disa	14 8	14 8	16 0	17 6	18 4	19 4	...	...	...	19 0	19 0	15 0
	Nimach	23 0	22 0	27 0	18 0	18 0	22 0	...	...	...	22 0	21 8	22 0
	Nasirabad	25 5¼	24 0	29 0	17 5¼	17 0	19 1¼	...	...	...	26 8	26 8	24 13¼
	Rájkot	19 8	19 0	26 8	16 13¼	16 11	20 8	...	...	...	18 12	18 2	25 0
Rajpootana	Meywar (Oodeypore)	...	...	...	...	...	...	...	...	...	17 9½	17 3	19 8½
	Bánswára (Meywar Agency)	...	...	...	...	...	...	...	...	...	37 8	37 8	37 8

Provinces	Districts	Firewood: Present fortnight	Firewood: Past fortnight	Firewood: Corresponding fortnight of last year	Salt, Wholesale: Present fortnight	Salt, Wholesale: Past fortnight	Salt, Wholesale: Corresponding fortnight of last year	Salt, Retail: Present fortnight	Salt, Retail: Past fortnight	Salt, Retail: Corresponding fortnight of last year
Madras	Ganjam (*Revised*)	215 13	215 13	215 13	...	...	...	13 13	13 13*	12 0
Bombay	Bombay	62 6	62 6	61 6	14 6	14 6	12 9	12 9	12 9	12 9
	Ahmedabad	80 0	80 0	80 0	16 8	16 8	13 8	16 0	16 0	13 4
	Kaira	80 0	80 0	80 0	...	...	...	15 4	15 4	12 13
	Surat	80 0	80 0	80 0	13 9	13 9	10 11	13 9	13 9	10 11
	Broach	106 0	106 0	106 0	13 5½	13 5½	12 12	13 5½	13 5½	12 12¾
	Tanna (Salsette)	71 1	71 0	71 1	14 5	14 5	11 7	13 13	13 13	10 2
	Colába (Alibág)	120 0	120 0	110 0	13 0	13 0	12 0	12 0	12 0	11 8
	Khandesh (Dhulia)	140 0	140 0	140 0	15 0	15 0	12 10	14 12	14 12	12 8
	Násik	128 0	128 0	114 0	14 8	14 8	12 4	14 4	14 4	12 0
	Ahmednagar	91 5	91 5	106 6	14 9	14 1½	11 8	14 8	14 9	11 4
	Poona	68 0	68 0	68 0	12 8	12 8	11 15	12 4	12 4	11 11
	Sholápur	80 0	80 0	98 0	13 8	13 8	12 0	12 8	12 8	11 12
	Kaládgi (Bagalkot)	130 0	130 0	112 0	12 10	12 0	10 8	12 0	11 12	9 8
	Satara	129 7	116 8	137 1	13 13	12 6	11 14	13 2	11 10	11 4
	Belgaum	75 0	75 0	65 0	13 0	13 0	10 9	12 8	12 8	9 9
	Dharwar (Hubli)	80 0	80 0	80 0	9 13	9 13	8 0	9 0	9 0	8 0
	Ratnágiri	150 0	150 0	120 0	14 4	14 4	10 5	14 4	14 4	10 5
	Kanara (Karwar)	213 5	213 5	213 5	13 5	13 5	11 12	12 0	12 0	10 5
	Pánch Maháls (Godhra)	200 0	200 0	200 0	16 0	16 0	...	15 4	15 4	11 6
	Aden	65 5	65 5	65 5	...	...	...	32 0	32 0	32 0
	Asirgarh	160 0	160 0	160 0	12 0	11 12	10 0	12 0	11 12	10 0
	Baroda	80 0	80 0	75 0	14 10	14 13	12 9	14 9	14 12	12 9
	Disa	137 8	137 8	137 8	12 8	12 8	10 8	12 0	12 0	10 0
	Nimach	160 0	160 0	140 0	...	...	...	2 0	13 0	9 8
	Nasirabad	76 10½	70 0	66 10¾	16 6	16 6¾	...	16 0	16 0	12 8
	Rájkot	80 0	80 0	75 0	55 0†	55 0†	64 0	18 0‡	48 0‡	48 0
Rajpootana	Meywar (Oodeypore)	200 0	200 0	200 0	10 8¾	10 8¾	...	10 2½	10 2½	8 13¾
	Bánswára (Meywar Agency)	...	...	...	Rs. A. per maund 3-11-9	Rs. A. ...	Rs. A. ...	10 10	10 10	9 2

* The figure now quoted is correct. † Common wholesale. ‡ Common retail sale.

DEPARTMENT OF FINANCE AND COMMERCE,
(*Statistical Branch.*)

D. M. BARBOUR,
Secretary to the Government of India.

GOVERNMENT OF INDIA.

REVENUE AND AGRICULTURAL DEPARTMENT.

REPORTS ON THE STATE OF THE SEASON AND PROSPECTS OF THE CROPS FOR THE WEEK ENDING THE 26th DECEMBER 1882.

GENERAL REMARKS.—During the week under report there has been no rainfall in any part of the country, except in four districts of the Madras Presidency and at Kurrachee and Dibrugarh.

Agricultural prospects continue good in the Madras and Bombay Presidencies, in the Central Provinces, British Burma, Assam, Mysore and Coorg, the Nizam's Territories, Central India States, and in Rajputana. In the North-Western Provinces and Oudh crop prospects are also favourable, but rain is needed. Rain is also much wanted in most districts of the Punjab, and owing to the deficiency of the autumn rains the *kharif* crops in parts of the Rohtak district have almost entirely failed. In the Bengal Presidency all cold-weather crops are on the whole doing well.

The rice harvest in Coorg is giving a good outturn, but in the Bengal Presidency the outturn will in many places be only fair and in some below the average owing to want of early rains.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Madras—(Dec. 27th)		
Bellary	. . . . .	Standing crops generally good; harvest paddy, dry grains, tobacco, and sugarcane, yield average.
Kurnool	. . . . .	Standing crops thriving, except in parts injured by excessive rain; harvest paddy, outturn below average; cattle disease in parts.
Ganjam	. . . . .	Standing crops, dry grains and sugarcane thriving; fever and small-pox continues; cholera and cattle disease in one taluk.
Kistna	. . . . .	Standing crops generally fair; harvest paddy, outturn below average; fever, small-pox, and cattle disease in parts; water 2 feet over anicut.
Chingleput (Madras)	·03 (average of one station.)	Standing crops generally good, except where injured for want of timely rain; harvest paddy, yield below average.
Coimbatore	·22 (average of four stations.)	Standing crops in good condition; harvest paddy and dry grains, outturn average; fever, small-pox, cholera, and cattle disease in parts.
Tanjore	·98 (average of twelve stations.)	Standing crops good; harvest paddy and *cholum*, outturn below average; cholera in four taluks.
Madura	·82 (average of eight stations.)	Standing crops fair, except in parts of two taluks; fever, cholera, and cattle disease in parts.
Malabar	. . . . .	Standing crops, paddy second crop good; slight small-pox, fever, and cholera in parts.
Travancore	·33	Standing crops, paddy good; fever prevails. *General Remarks.*—No rain in Ganjam, Kistna, Bellary, Kurnool, and Malabar; general prospects good.
Bombay—(Dec. 27th)		
Kurrachee	Kurrachee . ·8 Tatta . ·5 Sakro . ·17	Fever generally prevalent; cattle disease in 5 talukas; small-pox in Kurrachee city, Sujawal, and Kotri; river on 21st 1 inch lower than last year; wheat, red rice, and *bajri* in Kurrachee 24, 32, and 32, in Ghorabari 20, 44, and 44 lbs., and in Sajawal 22, 38, and 44 lbs. per rupee respectively.
Hyderabad	. . . . .	Estimated average outturn of *kharif* crops is 12¼ annas; *rabi* crops flourishing; weather seasonable; small-pox in Hyderabad, Kandiaro, and Moro; cattle disease in Mirpur; on 15th earthquake felt in the whole of Badin taluka and town Bago Tando; wheat 25, *bajri* 41, *jawari* 46, red rice 28, and white rice 22 lbs. per rupee.
Ahmedabad	. . . . .	Standing crops healthy; fever in Dholka; wheat 28½ and *bajri* 32 lbs. per rupee.
Baroda	. . . . .	Reaping of *kharif* nearly completed; sowing of *rabi* continues; cotton-picking commenced; *bajri* 31½ and common rice 25¾ lbs. per rupee.
Surat	. . . . .	Crops healthy; reaping progressing; *jowari* 39½ and *nagli* 58 lbs. per rupee.
Nasik	. . . . .	No change in the weather; *rabi* crops doing well; wheat 25½, *bajri* 36, and rice 23½ lbs. per rupee.
Colaba (Bombay)	. . . . .	Abnormal temperature 2° warm on 20th, 24th, and 25th, 1° warm on 21st and 26th; nil on 22nd and 23rd; vapour in air normal; abnormal wind southerly on 21st and 25th; wind normal on all other days.
Poona	. . . . .	*Rabi* thriving; *bajri* 44 and *jowari* 56 lbs. per rupee; in Poona *bajri* 41 and *jowari* 47 lbs. per rupee.
Ahmednagar	. . . . .	*Rabi* crops good, except those in the inferior fields; *bajri* maximum 80 lbs. in Parner, minimum 41 lbs. per rupee in Sheogaon; *jowari* maximum 75 lbs. in Jamkhed, minimum 50 lbs. per rupee in Sheogaon.
Sholapore	. . . . .	Reaping of early crops almost completed; late crop good; *jowari* 73 lbs. 19 tolas, and *bajri* 54 lbs. 15 tolas per rupee.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Bombay—*contd.*		
Dharwar . . .	. . . .	Early crops being harvested; exotic cotton suffering from blight in Ranibennur, Karajgi, and Ron, other late crops good; cholera disappeared in Navalgund and Ron and continues in Gadag; slight fever in 3 talukas; rice minimum 26 and *jowari* 45 lbs. per rupee.
Kanara . . .	. . . .	Preparing ground for second crop on coast talukas; garden and sugarcane produce healthy; cattle disease in 2 talukas; common rice in Karwar 12½ seers per rupee, in district average 15 seers per rupee.
Rajkot	. . . .	Weather cold; general health good; cholera at Kanara, Und, and Porebunder, continues in Navanagar, and re-appeared but slightly in Dhrol; *bajri* 29 and *jowari* 34 lbs. per rupee.
		General Remarks.—*Rabi* crops doing well; slight fever and cattle disease in a few districts.
Bengal—(Dec. 26th)		
Chittagong . . .	*Nil*	Weather fine and cold; prospects of all crops good; harvesting of late rice still continues with good outturn; public health good; cattle disease in the town station; prices stationary; a shock of earthquake on night of 25th.
Dacca	*Nil*	Harvesting of early winter rice continues; outturn good; sugarcane being cut; prospects of cold-weather crops good; public health generally good.
24-Pergunnahs (Alipore)	*Nil*	Rice harvest continues; crop likely to be full up to average; sugarcane and winter crops doing well; public health fair, but more cases of cholera than usual in some parts of district; price of common rice stationary.
Moorshedabad . .	*Nil*	Late rice still being harvested; cold-weather crops doing well; public health generally good; a few cases of fever reported in places.
Rajshahye . . .	*Nil*	Prospects of winter crops continue favourable; public health improving.
Burdwan . . .	*Nil*	Weather seasonable; prospects of crops tolerable; cholera in some localities; fever generally prevalent.
Rungpore . . .	*Nil*	Weather seasonable; prospects of crops favourable; harvesting of late rice going on; cholera somewhat prevalent in some parts of Gaibanda sub-division, otherwise public health good.
Bhagalpur . . .	*Nil*	Harvesting still going on; outturn of paddy, not injured by drought, good; prospects of winter crops good; public health improving.
Purneah . . .	*Nil*	Cold-weather crops looking well; late rice almost harvested; outturn moderate; fever has almost disappeared.
Patna	*Nil*	Harvesting of late rice going on; prospects of winter crops continue good; public health good.
Durbhunga . . .	*Nil*	Rice crop still being harvested; winter crops promising; prices falling; public health generally good.
Hazaribagh . . .	*Nil*	Weather cold and seasonable; winter crops doing well; general health good.
Cuttack	*Nil*	Prospects excellent; late rice being harvested; winter crops progressing well and in some places flowering; cholera still reported; fever also prevails.
		General Remarks.—No rain has been reported in any part of the province during the week; all cold-weather crops generally doing well, save in Burdwan where they are said not to be good; sugarcane also very promising everywhere; transplanting of tobacco nearly finished, and the plants are thriving well; rice harvest is rapidly being completed; good outturn reported from some parts, but in many places it will be only fair, and in some places even below the average, owing to want of early rains; fever and cholera, though decreasing in some parts, still prevalent in several places; fever is said to have almost disappeared from Purneah; a little; small-pox reported from Sarun, Singbhoom, and Manbhoom.
N.-W. Provinces and Oudh—		
Benares (Dec. 26th)	No rain	Prospects of *rabi* crops good; no sickness among men or cattle prices steady.
Allahabad („ 27th)	No rain	Prospects favourable; prices falling.
Gorakhpur („ 25th)	. . . .	Weather misty; crops promising; fever in the north; prices steady.
Jhansi („ „)	No rain	Prospects of *rabi* crops favourable; prices stationary; small-pox amongst children continues; cattle disease in pargana Jhansi continues.
Agra („ 26th)	No rain	Cloudy weather during the week; well irrigation continues; small-pox continues in 2 parganas; general health good; prices stationary.
Bareilly („ „)	. . . .	Prospects generally good, but rain wanted; slight rise in prices; health of people and cattle good.
Meerut („ „)	No rain	Weather often cloudy; rain much wanted; health good, though small-pox continues; crops as yet flourishing; prices stationary.
Kumaon („ „)	. . .	Clouds come and go, and are now gathering; rain much wanted; typhus ceased; health good; cattle disease continues; prices rising.
Lucknow („ „)	. . . .	Rain urgently wanted for *rabi*; crop prospects unfavourable; prices almost steady; sky now and then cloudy; general health good, but small-pox prevalent in the city.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
N.-W. P. & Oudh—*contd.*		
Partabgarh (Dec. 26th)	. . . .	The *rabi* out-look is an unusually good one; sugarcane being cut; general health good.
Sitapur („ „)	. . . .	Weather has been cloudy during the week, but no rain; small-pox confined to tahsil Sitapur; prices stationary.
Fyzabad („ „)	. . . .	Rain wanted; prospects good; irrigation from wells going on; public health good; prices steady.
Rae Bareli (Dec. 25th)	. . . .	Irrigated *rabi* crops thriving; rain generally wanted; cholera abating; prices stationary.
Cawnpore („ 26th)	. . . .	Prospects good; rain wanted; general health good; prices unchanged.
Farukhabad („ „)	. . . .	Prospects fair; prices steady; weather seasonable; rain much needed.
		General Remarks.—No rain during the week; prospects continue favourable, but rain is wanted; small-pox in tahsil Sitapur, pargana Jhansi, and city Lucknow, but general health good; prices nearly stationary.
Punjab—(Dec. 27th)		
Delhi	. . . .	Rain wanted; health and prospects good; prices fluctuating.
Hissar	. . . .	Rain required for *barani rabi*; prices fluctuating; small-pox at Rohtak continues, health good elsewhere; suspensions of revenue are proposed in parts of Rohtak, where *kharif* almost entirely failed.
Umballa . . .	. . . .	Rain wanted; *rabi* down; prices stationary; health good.
Jullundur . . .	. . . .	Rain wanted; prices steady; health good.
Amritsar . . .	. . . .	Rain wanted; prices fluctuating; health good.
Lahore	. . . .	Prospects of crops and health good; prices fluctuating.
Ferozepore . . .	. . . .	Health and state of *rabi* crops good; prices falling.
Sialkot	. . . .	Prospects good, but rain wanted; prices stationary; health good.
Rawalpindi . . .	. . . .	*Kharif* crop gathered; *rabi* sown; cattle disease continues in Murree tehsil, and seasonal fever prevails in district; generally slight fall in prices.
Peshawar . . .	. . . .	Rain wanted; slight fever continues; prices slightly rising.
Mooltan	. . . .	Health and crops good; prices almost stationary.
Dera Ismail Khan .	. . . .	Rain wanted; health improving; prospects good; prices falling.
		General Remarks.—The health and harvest prospects of the province are generally good; but rain is much wanted in most districts; the *kharif* crops in parts of Rohtak district have almost entirely failed.
Central Provinces—		
Nagpur (Dec. 27th)	. . . .	Weather cool and pleasant; *rabi* crops promising; health good; cattle disease in Nagpur tahsil.
Jubbulpore . . .	. . . .	Weather clear and cool; *rabi* crops thriving; prospects favourable; prices stationary; health good.
Saugor	. . . .	Crops excellent; prices steady; health fair.
Seoni (Dec. 26th)	. . . .	Weather warm and cloudy; *rabi* prospects good; fever decreasing; prices steady.
Hoshangabad . .	. . . .	Weather cloudy and cool; crops thriving; cotton-picking in progress; *tilli* outturn expected to be good; fever prevalent.
Raipur (Dec. 23rd)	. . . .	Weather clear and cool; rice-threshing continues; cotton being picked; *rabi* crops thriving; health good; prices fluctuating.
Sambalpur („ 21st)	. . . .	Weather clear and cool; rice on high land partially failed; pulses good; sugarcane good; health good.
Nimar.	. . . .	Weather clear; prospects good; small-pox 110 cases, 9 deaths; prices stationary.
		General Remarks.—Weather clear and pleasant; crops thriving; health and prospects good; prices steady.
British Burma—(Dec. 27th)		
Akyab	*Nil*	Total rainfall 204·17, public health good in town; slight cholera in one township; cattle disease severe in one township; condition of crops favourable; reaping commenced.
Rangoon . . .	*Nil*	Total rainfall 102·02 inches; 6 deaths from cholera in town; otherwise public health good; crops progressing.
Bassein	*Nil*	Total rainfall 125·83 inches; 5 deaths from cholera in town and 12 in district; reaping progressing rapidly.
Prome	*Nil*	Total rainfall 50·21 inches; 7 deaths from cholera in town, otherwise public health good; harvest prospects fair.
Amherst (Moulmein)	*Nil*	Total rainfall 202·90 inches; two cases of cholera reported from district, otherwise public health good; twelve deaths from cattle disease in district; reaping still going on.
Tounguo . . .	*Nil*	Total rainfall 91·64 inches; public health good.
		General Remarks.—Public health generally good; reaping progressing; crop prospects good.
[redacted] (Dec. 26th)	. . . .	Weather seasonable; mornings foggy; reaping of *sali* paddy in progress; public health good.
Sylhet („ 27th)	*Nil*	Harvesting nearly over; winter crops in Sadr and Sunamganj promising; [redacted]ting of *boro* in Sunamganj commenced; isolated cases [redacted]ra still reported from Sunamganj; no other reports received.
Cachar („ „)	*Nil*	Weather cool; more than half of the *sali* crop reaped; common rice 26¾ seers per rupee; no cholera reported.
Dibrugarh („ „)	0·47	Weather seasonable; *sali dhan* being harvested; cattle disease continues.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Mysore and Coorg— (Dec. 27th)		
Bangalore		Crops in good condition; harvesting of *ragi* completed; prospects favourable; health good.
Mysore		Report in regard to crops, prospects, and health good.
Mercara		Rice harvest proceeding, crop good; coffee being picked and pulped, crop short and price offered low; much rice and *ragi* being imported from Mysore and Canara; disagreeable east wind prevailing.
		General Remarks.—Condition of crops and prospects favourable; *ragi*, *kartik* paddy, horse-gram, Bengal gram, and sugarcane mostly harvested; water-supply and pasturage abundant; public health good; prices easy.
Berar and Hyderabad— (Dec. 27th)		
Amraoti		*Kharif* reaping nearly finished; cotton-picking continued; *rabi* doing well; prices, wheat 16 and *jowari* 26 seers per rupee.
Akola		*Kharif* reaping continued; *rabi* in good condition.
Hyderabad		Standing crops in good condition; cholera abating; weather cold; prices, wheat $16\frac{1}{2}$, coarse rice $10\frac{3}{4}$, white *juar* $26\frac{3}{4}$, yellow *juar* $32\frac{3}{4}$, and *tur* $23\frac{1}{4}$ seers per halli sicca rupee.
Central India States— (Dec. 27th)		
Indore	No rain	Weather warm during the last few days; health and prospects good.
Morar (Gwalior)		Health and prospects good; weather seasonable.
Sutna		Health and prospects good.
Neemuch		Health and prospects good; weather seasonable.
Goona		Crops good; health fair; wheat 22 seers 8 chittacks per rupee.
Bhopal		Weather cool; crops and public health good.
Agar		Health and prospects good.
Nowgong		*Rabi* crops thriving well; prospects and health good; prices steady.
Manpur		Weather clear and cold; prospects of *rabi* crops good; prices stationary.
Rajputana—		
Abu (Dec. 27th)		Seasonable weather; health good; slight shocks of earthquake during the week.
Sirohi („ 24th)		Tanks and wells fairly full; health good; prospects fair.
Meywar („ 23rd)		Wells and tanks fair; health good; prospects favourable.
Harowti („ 25th)		Crops thriving; rain needed; weather unseasonably warm; health good.
Jhallawar („ 20th)		Health and prospects good; weather seasonable.
Jeypore („ 26th)		Cloudy, with high easterly winds; rain wanted for *rabi* crops; health good.
Nepal— (Dec. 21st)		
Khatmandu	No rain	Prospects good; beautiful, clear and frosty weather.

E. C. BUCK,
Secretary to the Government of India.

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GOVERNMENT OF INDIA,

LEGISLATIVE DEPARTMENT.

THE DEKKHAN AGRICULTURISTS' RELIEF ACT, 1879, AS AMENDED BY ACTS XXIII OF 1881 AND XXII OF 1882.

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ACT No. XVII OF 1879, AS AMENDED BY ACTS XXIII OF 1881 AND XXII OF 1882.

WHEREAS it is expedient to relieve the agricultural classes in certain parts of the Dekkhan from indebtedness; It is hereby enacted as follows:—

Preamble.

CHAPTER I.

PRELIMINARY.

1. This Act may be cited as the Dekkhan Agriculturists' Relief Act, 1879:

Short title.

and it shall come into force on the first day of November, 1879.

Commencement.

This section and sections eleven, fifty-six, sixty and sixty-two extend to the whole of British India. The rest of this Act extends only to the districts of Puna, Satára, Sholapur and Ahmadnagar.

Local extent.

2. In construing this Act, unless there is something repugnant in the subject or context, the following rules shall be observed, namely:—

Construction.

1st.—"Agriculturist" shall be taken to mean a person who by himself, his servants or tenants earns his livelihood wholly or principally by agriculture carried on within the limits of the said districts, or who ordinarily engages personally in agricultural labour within those limits.

Explanations.—(*a*) An agriculturist who, without any intention of changing his status as such, temporarily ceases to earn his livelihood or to engage personally in agricultural labour as aforesaid does not thereby cease to be an agriculturist within this definition.

(*b*) An assignee of Government assessment or a mortgagee is not as such an agriculturist within this definition.

2nd.—In chapters II, III, IV and VI, and in section sixty-nine, the term "agriculturist," when used with reference to any suit or proceeding, shall be deemed to include also a person who, when any liability incurred by him and forming the subject or part of the subject of that suit or proceeding was so incurred, was an agriculturist as defined in the first rule.

3rd.—An agriculturist shall be deemed to reside where he earns his livelihood or personally engages in agricultural labour as aforesaid.

4th.—"Money" shall be deemed to include agricultural produce, implements and stock.

2A.—Every jagírdár and other authority invested with powers under Bombay Regulation XIII of 1830 and Act XV of 1840 shall, for the purposes of this Act, be deemed to be a Subordinate Judge of such class as the Local Government may from time to time direct.

Jágírdárs, &c., to be deemed Subordinate Judges.

CHAPTER II.

OF THE HEARING OF CERTAIN SUITS BY SUBORDINATE JUDGES.

3. The provisions of this chapter shall apply to—

Application of this chapter.

(*a*) suits for an account, whatever be the amount or value of the subject-matter thereof, instituted on or after the first day of November, 1879, by an agriculturist in the Court of a Subordinate Judge under the provisions hereinafter contained, and

(*b*) suits of the descriptions next hereinafter mentioned and instituted on or after the same date—

(*1*) when such suits are heard by Subordinate Judges of the first class and the subject-matter thereof does not exceed in amount or value five hundred rupees, or

(*2*) when such suits are heard by Subordinate Judges of the second class and the subject-matter thereof does not exceed in amount or value one hundred rupees, or

(*3*) when such suits are heard by Subordinate Judges of the second class and the subject-matter thereof exceeds one hundred rupees, but does not exceed five hundred rupees, in amount or value, and the parties to the suits agree that such provisions shall apply thereto.

The descriptions of suits referred to in clause (*b*) are the following (namely):—

(*w*) suits for the recovery of money alleged to be due to the plaintiff—

on account of money lent or advanced to, or paid for, the defendant, or

as the price of goods sold, or

on an account stated between the plaintiff and defendant, or

on a written or unwritten engagement for the payment of money not hereinbefore provided for;

(*x*) suits for the recovery of money due on contracts other than the above, and suits for rent or for moveable property, or for the value of such property, or for damages; and

(*y*) suits for foreclosure or for the possession of mortgaged property, or for sale of such property, or for foreclosure or sale, when the defendant, or any one of the defendants, is an agriculturist; and

(*z*) suits for the redemption of mortgaged property when the plaintiff, or, where there are several plaintiffs, any one of the plaintiffs, is an agriculturist.

4. Where a Subordinate Judge of the first class and a Subordinate Judge of the second class have ordinary jurisdiction in the same local area, every suit referred to in section three, clause (*b*), and instituted in such local area shall, if the amount or value of the subject-matter of such suit exceeds one hundred rupees and does not exceed five hundred rupees, be instituted in the Court of the Subordinate Judge of the first class.

Certain suits to be instituted in Courts of first class Subordinate Judges.

5. Notwithstanding anything contained in the Bombay Civil Courts Act, 1869, section 28, no Subordinate Judge shall be invested with the jurisdiction of a Judge of a Court of Small Causes; and any such jurisdiction heretofore conferred on any Subordinate Judge shall be deemed, except as regards suits instituted before the said first day of November, 1879, to have been withdrawn.

Subordinate Judges not to act as Judges of Small Cause Courts.

6. The Local Government may, from time to time, by notification in the local Gazette, direct that any class of suits which a Subordinate Judge would be precluded from hearing by section 12 of Act XI of 1865 (*to consolidate and amend the law relating to Courts of Small Causes beyond the local limits of the ordinary original civil jurisdiction of the High Courts of Judicature*), shall be heard and determined by him and not otherwise, and may, by a like notification, cancel any such direction.

Jurisdiction of Subordinate Judge and Small Cause Court.

7. In every case in which it seems to the Court possible to dispose of a suit at the first hearing, the summons shall be for the final disposal of the suit.

Summons to be for final disposal of suit.

In every suit the Court shall examine the defendant as a witness unless, for reasons to be recorded by it in writing, it deems it unnecessary so to do.

Court to examine defendant as witness.

8. In suits of the descriptions mentioned in section three, clauses (*w*) and (*x*), no party shall be entitled without the permission of the Court to file a written statement.

Written statements.

9. When the subject-matter of any suit does not exceed ten rupees in amount or value, it shall not be necessary to take down the evidence or make a memorandum thereof in manner provided by the Code of Civil Procedure; but in cases where the evidence is not so taken down and no memorandum is so made, the substance of the evidence shall be stated in the judgment.

Record of evidence.

10. No appeal shall lie from any decree or order passed in any suit to which this chapter applies.

No appeal to lie.

CHAPTER III.

OF SUITS AND OTHER PROCEEDINGS TO WHICH AGRICULTURISTS ARE PARTIES.

11. Every suit of the description mentioned in section three, clause (*w*), may, if the defendant, or, when there are several defendants, one only of such defendants, is an agriculturist, be instituted and tried in a Court within the local limits of whose jurisdiction such defendant resides, and not elsewhere.

Agriculturists to be sued where they reside.

Every such suit in which there are several defendants who are agriculturists may be instituted and tried in a Court within the local limits of whose jurisdiction any one of such defendants resides, and not elsewhere.

Nothing herein contained shall affect sections 22 to 25 (both inclusive) of the Code of Civil Procedure.

12. In any suit of the description mentioned in section three, clause (*w*), in which the defendant or any one of the defendants is an agriculturist,

History of transactions with agriculturist-debtors to be investigated.

and in any suit of the descriptions mentioned in section three, clause (*y*) or clause (*z*),

the Court shall, if the amount of the creditor's claim is disputed, enquire into the history and merits of the case, from the commencement of the transactions between the parties and the persons (if any) through whom they claim, out of which the suit has arisen, first, with a view to ascertaining whether there is any defence to the suit on the ground of fraud, mistake, accident, undue influence or otherwise, and secondly, with a view to taking an account between such parties in manner hereinafter provided.

When the amount of the claim is admitted and the Court, for reasons to be recorded by it in writing, believes that such admission is true and is made by the debtor with a full knowledge of his legal rights as against the creditor, the Court shall not be bound so to enquire, but may do so if it thinks fit.

In other cases in which the amount of the claim is admitted, the Court shall be bound to enquire as aforesaid.

Section IX, clause first, of Bombay Regulation V of 1827 is repealed so far as regards any suit to which this section applies.

Nothing herein contained shall affect the right of the parties to require that any matter in difference between them be referred to arbitration.

13. When the Court enquires into the history and merits of a case under section twelve, it shall—

Mode of taking account.

notwithstanding any agreement between the parties or the persons (if any) through whom they claim, as to allowing compound interest or setting-off the profits of mortgaged property without an account in lieu of interest, or otherwise determining the manner of taking the account,

and notwithstanding any statement or settlement of account, or any contract purporting to close previous dealings and create a new obligation,

open the account between the parties from the commencement of the transactions and take that account according to the following rules (that is to say):—

(*a*) separate accounts of principal and interest shall be taken:

(*b*) in the account of principal there shall be debited to the debtor such money as may from time to time have been actually received by him or on his account from the creditor, and the price of goods, if any, sold to him by the creditor as part of the transactions:

(*c*) in the account of principal there shall not be debited to the debtor any money which he may have agreed to pay in contravention of section 257A of the Code of Civil Procedure:

(*d*) in the account of principal there shall not be debited to the debtor any accumulated interest which has been converted into principal at any statement or settlement of account or by any contract made in the course of the transactions, unless the Court, for reasons to be recorded by it in writing, deems such debit to be reasonable:

(*e*) in the account of interest there shall be debited to the debtor, monthly, simple interest on the balance of principal for the time being outstanding, at the rate allowed by the Court as hereinafter provided:

(*f*) all money paid by or on account of the debtor to the creditor or on his account, and all profits, service or other advantages of every description received by the creditor in the course of the transactions (estimated, if necessary, at such money-value as the Court in its discretion, or with the aid of arbitrators appointed by it, may determine) shall be credited first in the account of interest; and when any payment is more than sufficient to discharge the balance of interest due at the time it is made, the residue of such payment shall be credited to the debtor in the account of principal:

(*g*) the accounts of principal and interest shall be made up to the date of instituting the suit, and the aggregate of the balances (if any) appearing due on both such accounts against the debtor on that date shall be deemed to be the amount due at that date, except when the balance appearing due on the interest-account exceeds that appearing due on the principal-account, in which case double the latter balance shall be deemed to be the amount then due.

14. The interest to be awarded in taking an account according to the rules set forth in section thirteen shall be—

Interest to be allowed.

(*a*) the rate, if any, agreed upon between the parties, or the persons (if any) through whom they claim, unless such rate is deemed by the Court to be unreasonable; or

(*b*) if such rate is deemed by the Court unreasonable, or if no rate was agreed upon, or, when any agreement between the parties, or the persons (if any) through whom they claim, to set-off profits without an account in lieu of interest has been set aside by the Court, such rate as the Court deems reasonable.

15. Instead of enquiring into the history and merits of a case under section twelve, or if upon so enquiring the Court is unable to satisfy itself as to the amount which should be allowed on account of principal or interest or both, the Court may of its own motion direct that such amount be ascertained by arbitration.

Reference to arbitration in certain cases.

If the parties are willing to nominate arbitrators, the arbitrators shall be nominated by them in such manner as may be agreed upon between them: If the parties are unwilling to nominate arbitrators or cannot agree in respect of such nomination, the Court shall appoint any three persons it thinks fit:

Provided that if all the parties reside in the [illegible] or city, and in the opinion of the Court [illegible] the residence, town or city, it shall appoint residents of such village, town or city.

The provisions of sections 508 to 526 (both inclusive) of the Code of Civil Procedure shall apply to every reference to arbitration under this section.

15A. In a suit of the description mentioned in section three, clause (*y*), the Court shall not refuse to pass a decree for redemption merely on the ground that the time fixed for the payment of the principal of the mortgage-money has not arrived, or on the ground that the mortgage-debt has not been completely discharged, or on both.

Mortgagor entitled to decree for redemption though time fixed by mortgage has not arrived or debt has not been paid.

15B. (*1*) The Court may in its discretion, in passing a decree for redemption, foreclosure or sale in any suit of the description mentioned in section three, clause (*y*) or clause (*z*), or in the course of any proceedings under a decree for redemption, foreclosure or sale passed in any such suit, whether before or after this Act comes into force, direct that any amount payable by the mortgagor under that decree shall be payable in such instalments, on such dates and on such terms as to the payment of interest, and, where the mortgagee is in possession, as to the appropriation of profits and accounting therefor, as it thinks fit.

Power to order payment by instalments in case of decree for redemption, foreclosure or sale.

(*2*) If a sum payable under any such direction is not paid when due, the Court shall, except for reasons to be recorded by it in writing, instead of making an order for the sale of the entire property mortgaged or for foreclosure, order the sale of such portion only of the property as it may think necessary for the realization of that sum.

15C. (*1*) The Court may, if it thinks fit, in any suit for the possession of mortgaged property under section three, clause (*y*), instead of passing a decree for possession of that property, pass a decree directing that the amount payable by the mortgagor shall be payable in such instalments, on such dates and on such terms as to the payment of interest, and as to the appropriation of the profits and accounting therefor, as it thinks fit.

Power to order payment by instalments in suits for possession of mortgaged property.

(*2*) If a sum payable under any such direction is not paid when due, the Court may, if it thinks fit, instead of making any other order which it is empowered to make for the realization of that sum, make an order directing that the mortgagee be put in possession of the whole or any portion of the property mortgaged.

15D. (*1*) Any agriculturist whose property is mortgaged may sue for an account of the amount of principal and interest remaining unpaid on the mortgage, and for a decree declaring that amount.

Mortgagor may sue for account.

(*2*) When any such suit is brought, the amount (if any) remaining unpaid shall be determined under the same rules as would be applicable under this Act if the mortgagee had sued for the recovery of the debt.

(*3*) At any time before a decree in the suit is signed, the plaintiff may apply to the Court to pass a decree for the redemption of the mortgage, or the mortgagee, if he would then have been entitled to sue for foreclosure or sale, may apply to the Court to pass a decree for foreclosure or sale (as the case may be), instead of a decree merely declaring the amount remaining unpaid, and the Court may, if it thinks fit, grant the application.

(*4*) The provisions of section 15B shall apply to any decree passed under sub-section (3).

16. Any agriculturist may sue for an account of money lent or advanced to or paid for him by a creditor, or due by him to the creditor as the price of goods sold, or on a written or unwritten engagement for the payment of money, and of money paid by him to the creditor, and for a decree declaring the amount, if any, still payable by him to the creditor.

Agriculturist-debtors may sue for accounts.

When any such suit is brought, the amount (if any) payable by the plaintiff shall be determined under the same rules as would be applicable under this Act if the creditor had sued for recovery of the debt.

16A. A decree passed under section sixteen may, declaring the amount it may provide for payment by instalments, direct that such amount shall be paid by instalments, with or without interest; and, when any such decree so directs, the plaintiff may pay the amount

Decree under section sixteen declaring amount may provide for payment by instalments.

of such decree, or the amount of each instalment fixed by such decree, as it falls due, into Court, in default whereof execution of the decree may be enforced by the defendant in the same manner as if he had obtained a decree in a suit to recover the debt.

Execution of decrees under this section.

18. The plaintiff in any suit instituted under section sixteen may at any stage of such suit deposit in Court such sum of money as he considers a satisfaction in full of the defendant's claim against him.

Payment into Court in cases under section 16.

Notice of the deposit shall be given by the Court to the defendant, and the amount of the deposit shall (unless the Court otherwise directs) be paid to the defendant on his application.

No interest shall be allowed to the defendant on any sum so deposited from the date of the receipt of such notice, whether the sum deposited be in full of the claim or fall short thereof.

19. When a decree has been passed, whether before or after this Act comes into force, under which any sum less than fifty rupees is recoverable from an agriculturist, the Court, on application or of its own motion, may, either in the course of execution of such decree or otherwise, if it is satisfied that the other debts (if any) due by him do not, taken together with such sum, amount to fifty rupees, and that he is unable to pay the whole of such sum, direct the payment of such portion of the same as it considers him able to pay and grant him a discharge from the balance of such sum.

Power to discharge judgment-debtor.

When the sum payable under the decree amounts to fifty rupees or upwards, or when there are other debts due by the debtor which together with such sum amount to fifty rupees or upwards, the Court, on application or of its own motion, may direct proceedings to be taken with respect to him as nearly as may be as if he had applied to be declared an insolvent under the provisions hereinafter contained.

Power to direct institution of insolvency-proceedings.

20. The Court may at any time direct that the amount of any decree passed, whether before or after this Act comes into force, against an agriculturist, or the portion of the same which it directs under section nineteen to be paid, shall be paid by instalments with or without interest.

Power to fix instalments in execution.

21. No agriculturist shall be arrested or imprisoned in execution of a decree for money passed whether before or after this Act comes into force.

Arrest and imprisonment in execution of decree for money abolished.

22. No agriculturist's immoveable property shall be attached or sold in execution of any decree or order passed whether before or after this Act comes into force, unless it has been specifically mortgaged for the repayment of the debt to which such decree or order relates, and the security still subsists.

Immoveable property exempted from attachment and sale unless specifically pledged.

But the Court, on application or of its own motion, may, when passing a decree against an agriculturist or in the course of any proceedings under a decree against an agriculturist passed whether before or after this Act comes into force, direct the Collector to take possession, for any period not exceeding seven years, of any such property of the judgment-debtor to the possession of which he is entitled, and which, in the opinion of the Collector, is not required for his support and the support of the members of his family dependent on him, and the Collector shall thereupon take possession of such property and deal with the same for the benefit of the decree-holder in manner provided by section twenty-nine.

The provisions of section thirty-one shall, *mutatis mutandis*, apply to any property so dealt with.

23. No provision of this chapter shall apply to the proceedings in the Courts of Village-Munsifs unless such provision has been specially extended thereto under the power hereinafter conferred.

Chapter not to apply to Village-Munsifs' Courts.

CHAPTER IV.

Of Insolvency.

24. Every Subordinate Judge shall have the powers conferred by sections 344 to 359 (both inclusive) of the Code of Civil Procedure, as modified by the provisions next hereinafter contained, for the purpose of dealing with applications under the Code of Civil Procedure or under this Act to have agriculturists residing within the local limits of his ordinary jurisdiction declared insolvent and proceedings taken under orders passed under the second clause of section nineteen; and, except as provided in chapter VII of this Act, no such application or proceeding shall be dealt with by any other Court.

Subordinate Judges to have jurisdiction in agriculturists' cases.

25. Any agriculturist whose debts (if any) amount to fifty rupees or upwards may apply to any Subordinate Judge within the local limits of whose ordinary jurisdiction he resides to be declared an insolvent, though he has not been arrested or imprisoned, and though no order of attachment has issued against his property, in execution of a decree.

Agriculturists may apply for adjudication in cases not provided for by Code.

26. Notwithstanding anything contained in section 351 of the Code of Civil Procedure, the Court shall declare an agriculturist an insolvent if it is satisfied that he is in insolvent circumstances, and that the application to have him declared an insolvent has been properly made under section 344 of the said Court or section twenty-five of this Act.

Modification of section 351 of the Code.

27. No person other than the Názir of the Court shall be appointed as Receiver, and no Receiver shall be entitled to commission.

Receiver.

28. In determining under section 352 of the said Code the amount of any claim of the nature referred to in section twelve of this Act due by an insolvent agriculturist, the Court shall proceed in the manner prescribed by sections twelve to fifteen of this Act, both inclusive.

Proof of debts.

29. No immoveable property of the insolvent shall vest in the Receiver; but the Court, on application or of its own motion, may direct the Collector to take into his possession, for any period not exceeding seven years from the date on which the Receiver has been appointed, any immoveable property to the possession of which the insolvent is entitled, and which, in the opinion of the Collector, is not required for the support of the insolvent and the members of his family dependent on him, and, subject to any rules the Local Government may from time to time make in this behalf, to manage the same for the benefit of the creditors by letting it on lease or otherwise:

Immoveable property not to vest in Receiver, but may be managed for benefit of creditors.

Provided that, if the insolvent or his representative in interest at any time pays into Court the balance of the scheduled debts then unpaid, he shall, subject to any rights created in favour of other persons by the Collector, be entitled to recover possession of such property.

A Collector managing property under this section shall during the management have all the powers which the owner might as such have legally exercised, and shall receive and recover all rents and profits of such property, and for the purpose of recovering such rents and profits shall have, in addition to any powers possessed by an owner, all powers possessed by a Collector for securing and recovering the land-revenue due to Government except the powers mentioned in the Bombay Land-Revenue Code, 1879, section 150, clauses (*b*), (*d*) and (*e*).

Nothing in this section shall authorize the Court to direct the Collector to take into his possession any houses or other buildings belonging to and occupied by an agriculturist.

[illegible] scheduled debt is secured by a mortgage of any portion of the insolvent's immoveable property, the Court, on application or of its own motion, may direct the Collector, if he can obtain a premium equal to the amount of such debt, by letting such property for a term not exceeding twenty years, to let such property; and, if he cannot so obtain such premium, to sell such property under section 325 of the Code of Civil Procedure.

Secured debts.

Where property is let under this section, the premium shall be applied to the payment of the debt, and the rent, if any, shall for a period of seven years from the date of such letting be paid to the Receiver and thereafter to the insolvent or his representative in interest.

When property is sold under this section, the sale proceeds shall be applied first, to the payment of the debt, and the balance, if any, shall be paid to the Receiver.

31. So long as any management under section twenty-nine or letting under section thirty continues, the insolvent and his representative in interest shall be incompetent to mortgage, charge, lease or alienate the property managed or let, or any part thereof.

Insolvent incompetent to sell, &c., property dealt with under sections 29 and 30.

32. When the balance available for distribution among the scheduled creditors under section 356 of the said Code has been distributed, the claims of such creditors shall be deemed to have been discharged, except as regards the right to share in the profits of any property managed by the Collector under section twenty-nine, or let by him under section thirty.

Scheduled debts discharged.

33. No appeal shall lie from any order passed under this chapter except orders passed in exercise of the power conferred by section 359 of the Code of Civil Procedure.

Appeals barred.

CHAPTER V.

Of Village-Munsifs.

34. The Local Government may, from time to time, appoint any Pátel of a village or any other person possessing local influence in a village to be a Village-Munsif for such village or for such village and for any other villages the sites of which are situate in the same district not more than two miles from the site of such village, and may cancel any such appointment.

Appointment of Village-Munsifs.

35. Every Village-Munsif so appointed shall take cognizance of suits of the description mentioned in section three, clause (*w*), when the subject-matter thereof does not exceed ten rupees in amount or value, and all the defendants at the time of the commencement of the suit actually and voluntarily reside or carry on business or personally work for gain within the local area for which such Village-Munsif is appointed.

Suits triable by them.

Notwithstanding anything hereinbefore contained, a suit cognizable by a Village-Munsif shall not be heard by any other Court:

Jurisdiction of other Courts excluded.

Provided that the District Judge may, from time to time, transfer any suit instituted before a Village-Munsif to his own Court or any other Civil Court in the district for trial:

Proviso.

Provided also that no Village-Munsif shall try any suit to or in which he is a party or is personally interested, or shall adjudicate upon any proceeding connected with or arising out of such suit.

36. The District Judge may, on a petition being presented within thirty days from the date of any decree or order of a Village-Munsif by any party deeming himself aggrieved by such decree or order, set aside such decree or order on the ground of corruption, gross partiality or misconduct of the Village-Munsif, and pass such other decree or order as he thinks fit.

District Judge's power of revision.

Except as provided in this Act and in section 622 of the Code of Civil Procedure, every decree and order of a Village-Munsif shall be final.

37. The Local Government may, from time to time, by notification in the official Gazette, make rules consistent with this Act for regulating the procedure of Village-Munsifs and for conferring on them or any of them all or any of the powers for the trial of suits or the execution of decrees exercised by a Civil Court under the Code of Civil Procedure or any other enactment for the time being in force.

Power of Local Government to make rules.

CHAPTER VI.

OF CONCILIATION.

Appointment of Conciliators.

38. The Local Government may, from time to time, appoint any person other than an officer of Police to be a Conciliator, and may cancel any such appointment.

Every Conciliator appointed under this section shall be appointed only for a term not exceeding three years, but may on the expiration of the period for which he has been appointed be again appointed for a further term not exceeding three years.

Every Conciliator so appointed shall exercise his functions under this Act in respect of matters affecting agriculturists residing within such local area as the Local Government may, from time to time, prescribe.

The expression "officer of police" in this section shall not be deemed to include a police pátel appointed under Bombay Act No. VIII of 1867 (*for the Regulation of the Village Police in the Presidency of Bombay*).

Matters which may be brought before Conciliator.

39. When any dispute arises as to, or there is a prospect of litigation regarding, any matter within the cognizance of a Civil Court between two or more parties one of whom is an agriculturist residing within any local area for which a Conciliator has been appointed, or when application for execution of any decree in any suit to which any such agriculturist is a party, and which was passed before the date on which this Act comes into force, is contemplated, any of the parties may apply to such Conciliator to effect an amicable settlement between them.

Procedure thereupon.

40. If the application be made by one of the parties only, the Conciliator shall take down, or cause to be taken down, in writing, a concise statement of the applicant's case, and shall thereupon, by summons or by such other means as he deems fit, invite the person against whom such application is made to attend before him at a time and place to be fixed for this purpose, and shall direct the applicant also to be present at such time and place.

Day for attendance may from time to time be postponed.

If such person fails to appear at the time first fixed, the Conciliator may, if he thinks fit, from time to time extend the period for his appearance.

When all parties appear, Conciliator to endeavour to reconcile them.

41. Whenever all the parties are present, the Conciliator shall call upon each in turn to explain his case regarding the matter in question, and shall use his best endeavours to induce them to agree to an amicable settlement or to submit such matter to arbitration.

Conciliator to hear statements of witnesses, &c.

42. The Conciliator shall hear but shall not record the statement of any witness, and shall peruse any book of account or other document produced by the parties, or so much thereof as may be necessary, and, if any party or witness consents in writing to affirm any statement upon oath in any form not repugnant to justice or decency and not purporting to affect any third person, shall provide for such oath being duly taken in the presence of all the parties.

Any agreement arrived at to be reduced to writing.

43. If on the day on which the case is first heard by the Conciliator, or on any subsequent day to which he may adjourn the hearing, the parties come to any agreement, either finally disposing of the matter or for referring it to arbitration, such agreement shall be forthwith reduced to writing, and shall be read and explained to the parties, and shall be signed or otherwise authenticated by the Conciliator and the parties respectively.

Explanation.—A Conciliator may be appointed arbitrator under this section.

Procedure when agreement finally disposes of case.

44. When the agreement is one finally disposing of the matter, the Conciliator shall forward the same in original to the Court of the Subordinate Judge of lowest grade having jurisdiction in the place where the agriculturist who is a party thereto resides;

and shall at the same time deliver to each of the parties a written notice to show cause before such Judge, within one month from the date of such delivery, why such agreement ought not to be filed in such Court.

The Court which receives the agreement shall, after the expiry of the said period of one month, unless cause has been shown as aforesaid, order such agreement to be filed; and it shall then take effect as if it were a decree of the said Court passed on the day on which it is ordered to be filed, and from which no appeal lies.

The Court may in any case, for reasons to be recorded by it in writing, from time to time extend the period of one month allowed for showing cause under this section.

Procedure where agreement is for reference to arbitration.

45. When the agreement is one for referring the matter to arbitration, the Conciliator shall forward it to the Court having jurisdiction in the matter, and such Court shall cause it to be filed and proceed thereon in manner provided by sections 523 and 524 of the Code of Civil Procedure.

Certificate to be given to applicant if conciliation fails.

46. If the person against whom any application is made before a Conciliator cannot after reasonable search be found, or if he refuses or neglects, after a reasonable period has been allowed for his apperance, to appear before the Conciliator, or if he appears but the endeavour to induce the parties to agree to an amicable settlement or to submit the matter in question to arbitration fails, the Conciliator shall, on demand, give to the applicant, or when there are several applicants to each applicant, a certificate under his hand to that effect.

Suit, or application for execution, not to be entertained by Civil Court unless such certificate is produced.

47. No suit, and no application for execution of a decree passed before the date on which this Act comes into force, to which any agriculturist residing within any local area for which a Conciliator has been appointed is a party, shall be entertained by any Civil Court unless the plaintiff produces a certificate in reference thereto obtained by him under section forty-six within the year immediately preceding.

Explanation.—The expression "Civil Court" in this section does not include a Mámlatdár's Court under Bombay Act No. III of 1876 (*to consolidate and amend the law relating to the powers and procedure of Mámlatdárs' Courts*).

Allowance to be made in period of limitation.

48. In computing the period of limitation prescribed for any such suit or application the time intervening between the application made by the plaintiff under section thirty-nine and the grant of the certificate under section forty-six shall be excluded.

Limitation in certain cases.

Any such application which after the first day of November, 1879, has been rejected, and which, if such time had been excluded in computing the period of limitation prescribed for such application, would have been entertained, shall be entertained if made within two months from the twenty-sixth day of October, 1881.

Local Government to make rules.

49. The Local Government may from time to time make rules—

(*a*) regulating the procedure before Conciliators in matters not provided for by this Act;

(*b*) fixing the charges to be made by Conciliators for anything done by them under this chapter; and

(*c*) determining what record and accounts shall be kept by Conciliators and what returns shall be framed and furnished by them.

CHAPTER VII.

SUPERINTENDENCE AND REVISION.

District Judge to inspect, &c.

50. The District Judge shall inspect, supervise and control the proceedings, under chapter II, chapter IV and chapter VI of this Act, of all Subordinate Judges and the proceedings of all Village-Munsifs and Conciliators.

District Judge may withdraw case from Conciliator or Subordinate Judge,

51. The District Judge may—

(*a*) transfer any application pending before a Conciliator to the file of any other Conciliator;

(*b*) transfer to his own file any suit or other matter pending before the Court of any Subordinate Judge under chapter II, chapter IV or chapter VI of this Act, and may dispose of the same as if he were a Subordinate Judge; or

(*c*) stay the proceedings in any such suit or matter, and sit together with such Judge as a Bench to dispose of such suit or matter in accordance with the provisions of this Act.

or sit with Subordinate Judge as a Bench for trial of any case.

If the members of any Bench sitting under this section differ in opinion, the opinion of the District Judge shall prevail.

Appointment of Assistant or Subordinate Judge to aid District Judge.

52. The Local Government shall appoint an Assistant or Subordinate Judge to inspect and supervise, subject to the control of the District Judge, the proceedings of all Subordinate Judges, under chapter II, chapter IV and chapter VI of this Act, and of all Village-Munsifs and Conciliators in each of the said districts of Puna, Satára, Sholapur and Ahmadnagar:

Provided that, if the Local Government thinks fit, the same Assistant or Subordinate Judge may be so appointed for two or more such districts.

Any Assistant or Subordinate Judge appointed under this section may in any district for which he is so appointed, if the District Judge so directs, exercise the powers of the District Judge under section fifty-one of this Act, and transfer any suit under section twenty-five of the Code of Civil Procedure.

Of revision.

53. The District Judge may, for the purpose of satisfying himself of the legality or propriety of any decree or order passed by a Subordinate Judge in any suit or other matter under chapter II, chapter IV or chapter VI of this Act, and as to the regularity of the proceedings therein, call for and examine the record of such suit or matter, and pass such decree or order thereon as he thinks fit;

and any Assistant Judge or Subordinate Judge appointed by the Local Government under section fifty-two may similarly, in any district for which he is appointed, call for and examine the record of any such suit or matter, and, if he see cause therefor, may refer the same, with his remarks thereon, to the District Judge, and the District Judge may pass such decree or order on the case as he thinks fit:

Provided that no decree or order shall be reversed or altered for any error or defect, or otherwise, unless a failure of justice appears to have taken place.

Special Judge.

54. The Local Government from time to time may, and if the Government of India so direct shall, appoint an officer, as Special Judge, to discharge in the place of the District Judge all the functions of the District Judge under this Act in respect of the proceedings of all Subordinate Judges, Village-Munsifs and Conciliators, and may cancel any such appointment.

Such Special Judge shall not, without the previous sanction of the Government of India, discharge any public function except those which he is empowered by this Act to discharge.

If any conflict of authority arises between the Special Judge and the District Judge, the High Court shall pass such order thereon consistent with this Act as it thinks fit.

No appeal shall lie from any decree or order passed by the District Judge under this chapter, or by the Special Judge, or by an Assistant or Subordinate Judge appointed under section fifty-two, or by a Bench, in any suit or proceeding under this Act.

But the District Judge or Special Judge, or an Assistant or Subordinate Judge or Bench, may refer to the High Court, under section 617 of the Code of Civil Procedure, any question of law, or usage having the force of law, or the construction of a document, arising in any case pending before him or it under this chapter as if that case were a suit or an appeal pending before him or it; and in respect of every reference so made, sections 618 to 621 of the said Code, both inclusive, shall apply:

Provided that no reference shall be made under this section by any Assistant or Subordinate

Judge, or by any Bench of which the District Judge or Special Judge is not a member, without the previous sanction of the District Judge or Special Judge, as the case may be.

CHAPTER VIII.

REGISTRATION BY VILLAGE-REGISTRARS.

Appointment of Village-Registrars.

55. The Local Government may, from time to time,—

(*a*) appoint such persons as it thinks fit, whether public officers or not, to be Village-Registrars for such local areas as it may, from time to time, prescribe;

(*b*) direct the Village-Registrar for any local area to discharge the functions of a Village-Registrar for any other local areas concurrently with the Village-Registrars of such other local areas; and

(*c*) delegate to any person, by name or in virtue of his office, the powers conferred on it by this section;

and may cancel any such appointment, direction or delegation.

Instruments executed by agriculturist not to be deemed valid unless executed before a Village-Registrar.

56. No instrument which purports to create, modify, transfer, evidence or extinguish an obligation for the payment of money or a charge upon any property, or to be a conveyance or lease, and which is executed after this Act comes into force by an agriculturist residing in any local area for which a Village-Registrar has been appointed, shall be admitted in evidence for any purpose by any person having by law or consent of parties authority to receive evidence, or shall be acted upon by any such person or by any public officer, unless such instrument is written by, or under the superintendence of, and is attested by, a Village-Registrar:

Provided that nothing herein contained shall prevent the admission of any instrument in evidence in any criminal proceeding or apply to any instrument which is executed by an agriculturist merely as a surety.

Such instruments to be written by, or under the superintendence of, a Village-Registrar and executed in his presence.

57. When any persons intend to execute any instrument to which section fifty-six applies, all such persons shall appear before the Village-Registrar appointed for the area in which the agriculturist, or when there are several agriculturists intending to execute the instrument, any one of such agriculturists, resides, and such Registrar, after satisfying himself in such manner as he deems fit as to the identity of the intending executants and receiving the fee (if any) prescribed by the Local Government in this behalf, and the stamp (if any) which may be required by law, shall write the instrument, or cause the same to be written under his superintendence; and after reading the same aloud, or causing it to be so read, in the hearing of the intending executants, shall require them to execute it in his presence.

Attestation of such instruments.

Every instrument so written and executed shall at the time of execution be attested by the Village-Registrar; and also, if any of the executants thereof is unable to read such instrument, by two respectable witnesses.

For the purposes of this section every executant of any such instrument shall appear in person before the Village-Registrar; but every other party thereto may appear either in person or by any agent, being his relative, servant or dependent, whom he has duly furnished with a power-of-attorney executed and authenticated in such manner as the Local Government may from time to time by rule prescribe, authorizing him to appear and act on his behalf.

Registration of instruments by Village-Registrars.

58. Every Village-Registrar shall keep a register of instruments executed before him in such form as shall, from time to time, be prescribed by the Inspector-General of Registration.

As soon as all the intending executants have executed any instrument before a Village-Registrar, he shall make a copy of it or cause a copy of it to be made in his register, and shall deliver the original instrument to the party entitled to the custody of the same, and a certified copy thereof to the other party, or to each of the other parties if there be more than one.

Previous to delivery, the original instrument and each such copy shall be endorsed under the Village-Registrar's signature with the date of registration, the name and residence of the Village-Registrar and the volume and page of the register in which the instrument has been registered.

Consideration to be fully stated in every instrument executed before a Village-Registrar.

59. In every instrument written by, or under the superintendence of, the Village-Registrar, the amount and nature of the consideration, if any, shall be fully stated.

The Village-Registrar shall also endorse upon the instrument a note under his hand, recording whether or not the transfer of the consideration stated therein, or of any part thereof, took place in his presence.

Previous instruments to be produced.

If the instrument modifies, or wholly or partly supersedes, a previous instrument, such previous instrument shall be produced before the Village-Registrar and shall be fully described in the instrument to be executed, and shall be marked by the Village-Registrar under his hand for identification.

Registration under this Act to be deemed equivalent to registration under Indian Registration Act, 1877.

60. Every instrument executed and registered in accordance with the foregoing provisions shall be deemed to have been duly registered under the provisions of the Indian Registration Act, 1877; and no instrument which ought to have been executed before a Village-Registrar but has been otherwise executed shall be registered by any officer acting under the said Act, or in any public office, or shall be authenticated by any public officer.

Village-Registrars to be subordinate to the Inspector-General of Registration.

61. The Inspector-General of Registration shall exercise, by himself and his subordinates, a general superintendence over all Village-Registrars, and may, from time to time, with the previous sanction of the Local Government, make rules consistent with