

(1) Number of pages _____

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(3) Initials of the Referencer _____

MADRAS RECORD OFFICE

Government of Madras

Public Works

DEPARTMENT

G.O. No.

2882-83

Press

Original~~B.D. No.~~~~Misc.~~

Dated

8. 10

195
18/5

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
8th October 1875.*

No. 118-A. Read the following letter from Major C. J. SMITH, R.E., Officiating Consulting Engineer for Railways, to Major-General G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Madras, 27th September 1875, No. 537:—

With reference to the Proceedings of Government, No. 16, dated 4th August 1875, I have the honor to quote as follows from a letter from the Agent of the Madras Railway in regard to the allegations made by the *Oude Akbar* of the 6th June 1875, relative to inconvenience experienced by passengers travelling on that Company's line:—

"At fifty-three out of the eighty-three stations on the Madras Railway, contracts for selling refreshments on the platform exist, and it is supposed that the supply and character of the refreshments are regulated by the demand, as no restriction is placed on the contractors.

"The windows of all third-class carriages are to be fitted with shutters."

2. The estimate of the cost for fitting shutters to thirty-five third-class carriages was sanctioned by Government in their Proceedings, No. 688, dated 11th March 1875.

No. 119. ORDER THEREON, 8th October 1875, No. 2,882.

RAILWAY, No. 10.

ORDERED to be forwarded for the information of the Government of India.

(Here enter No. 2,883, dated 8th October 1875.)

(True Extract.)

Major-General, R.E.,
Secretary to Government.

To the Consulting Engineer for Railways.

Exd. J. W. Lewis.
Spare Copies

3
PUBLIC WORKS DEPARTMENT,
OOTACAMUND, 8th October 1875.

No. 120.

No. 2,883.

FROM

MAJOR-GENERAL G. W. WALKER, R.E.,
Secretary to the Government of Madras,
Public Works Department.

TO

THE SECRETARY TO THE GOVERNMENT OF INDIA,
Public Works Department.

RAILWAY, No. 11.

SIR,—Adverting to the extract from the *Oude Akbar* of the 6th June last, forwarded with Major Luard's letter, No. 1,830 R., dated 22nd July 1875, I am directed to transmit herewith a communication from the Consulting Engineer for Railways, from which it will be observed that there are no grounds for the complaint against the Madras Railway Company in the matter of refreshments at stations, and that measures are being taken to remedy the exposed condition of third-class carriages.

I have the honor to be,

Sir,

Your most obedient servant,

Major-General, R.E.,
Secretary to Government.

Exd. J. W. Lewis.
Spars Copies

Railway Department.

CONSULTING ENGINEER'S OFFICE.

From

Major Genl. G. W. WALKER, R.E.,
Secretary to Government,

Public Works Department,

Fort Saint George.

Sir,

M. S.

With reference to the
Proceedings of Government
No. 16, dated 11th August 1875, I
have the honour to quote as
follows from a letter from
the Agent of the Madras Rail-
ways in regard to the allega-
tions made by the Quidi Alhar
of the 6th June 1875, relative to
inconvenience experienced by pas-
sengers travelling on that Com-
pany's line.
"1153 out of the 83
stations on the Madras Railway
Contract"

Contracts for selling Refreshments
on the Platform exist, and it
is supposed that the supply and
character of the refreshments are
regulated by the demand as no
restriction is placed on the
contractors.

The windows of all
third class carriages are to be
fitted with shutters.

The estimate of the
cost for fitting shutters to
third class carriages was sanc-
tioned by Government in their
Proceedings No. 68, dated
March 1875.

I have the honour to be,
Your most Obedt Servant,
W. Smith
Off. Secy. Genl. & Railways

Shutters - 30-30
8-10-12-14-16-18-20-22-24-26-28-30-32-34-36-38-40-42-44-46-48-50-52-54-56-58-60-62-64-66-68-70-72-74-76-78-80-82-84-86-88-90-92-94-96-98-100

Shutters - 30-30
8-10-12-14-16-18-20-22-24-26-28-30-32-34-36-38-40-42-44-46-48-50-52-54-56-58-60-62-64-66-68-70-72-74-76-78-80-82-84-86-88-90-92-94-96-98-100

No 2882 Public Works Dept.

Proceeding of the Madras Government
Under date the 8th Oct. 1875.
Read the following

The Offg. Engr. In Ch. } (No. 537 of 1875)
for Railways

Ordered to be
forwarded for the in-
formation of the Govern-
ment of India.

(No. 2883 of 1875)
No 2883
The Secy. to the Govt of India
Public Works Dept.

Adverting to the
Extract from the Order

5000
22nd 10-75
Engr. In Ch. for Rys.
Office 1/12

Received by the 16th Nov. 1875
No. 537 of 1875
20-33.
1209-290.

S. W. 1875-80
RAILWAY DEPARTMENT.
From
The Consulting Engineer,
for Railways,
To
The Secretary to Government,
P. W. Department,
Fort Saint George.
Dated 27th September 1875.
Recd. 28th

No. 537

Qd 8 October/75 No 2882

1. Regarding information

allegations made by

the Cooch Behar

the 6th June last. Secretary

to Government

forwarded by Postmaster

traveling on the N. E. line

Ci-30-9-75
Ct-10-10-75
Ct-20-9-75

118

Akbar of the 8th June
 last, forwarded with
 Major Luard's letter
 N^o 1830 R dated 22^d
 July 1875, I am directed
 to transmit herewith
 a communication from
 the Consulting Engineer
 for Railways from which
 it will be observed
 that there are no grounds
 for the complaint
 against the Madras
 Railway Company in
 the matter of refreshments
 at Stations, and that
 measures are being
 taken to remedy the
 exposed condition of
 third

third class carriages

22

Send forward to
L. B. G. [unclear]

Allegations made by the only
admiral of the 6 June relative
to inconvenience experienced
by passengers travelling on the
W. & A. Line. Letter from the
Comd'g for the 4th, reporting on the
—, ordered to be forwarded
for the information of the Comd'g
of the Line.

~~Forwarding letter from the~~
~~transmitting Commission.~~
 information from the Comptroller
 reporting upon the
 action made by the "Order
 bar" of the 6 June last
 the inconvenience
 caused by passengers
 sitting on the railway

*Proceedings of the Madras Government, Public Works Department,
8th October 1875.*

No. 121. Read the following endorsement of the Chief Engineer for Irrigation, dated Ootacamund, 27th September 1875, No. 39:—

From A. J. DODSON, Esq., Manager and Acting Chief Engineer of the Madras Irrigation and Canal Company, to Lieutenant-Colonel J. MULLINS, R.E., Chief Engineer for Irrigation, dated Kurnool, 16th September 1875.
No. 102.

I HAVE the honor to forward per book post copies of the Upper and Lower Divisions Reports, together with my own, for the month of August 1875.

MADRAS IRRIGATION AND CANAL COMPANY.

UPPER DIVISION.

Monthly Report for August 1875.

The rain during the month has been slight, 3.50 inches at Kurnool; and the demand for water was becoming so urgent, that special coolies had to be put on for a time to assist in making the channels required in the 6th Section and Nandial taluq. Towards the end of the month rain fell again in sufficient quantities to save the rice already sown.

2. The bridge at Ulloor is now finished, with the exception of a few feet of parapet wall and coping. The approaches are still incomplete, but the coolies are hard at work.

3. The calingulah No. 9 A in the 7th Section is progressing slowly; six arches have been turned.

4. During the month, estimates have been sent in for new second-class bridges, one at Singarum, and one at Moodimurri; also for widening the third-class bridges at Nidzoor, Moongelpaud, Massanusgoed and Bollarum. None of these works can be completed till the next dry season, without letting water out of the canal, or making expensive dams. The task railings, &c., for the third-class bridges can be prepared, and a part of the approaches made to the proper width.

5. The new raising gears for Sultanpoor sluices have been completed in the workshops, as well as two for calingulah No. 3 in the 4th Section. These, when completed, will give additional security to the safety of the canal.

6. Both Overseers and Ameens are very busy issuing tickets to ryots and seeing to the proper supply of the water.

7. In the Nundial taluq, the Deputy Collector, Ramachendra Row, having purposely visited most of the villages, has induced several ryots to apply for water; in some cases he has succeeded where the people have hitherto refused to use canal water. The prospects in this taluq are much brighter than before, and I have no doubt water will be freely taken in most of the villages when the channels are in proper working order.

8. In my report for June I had occasion to mention the effect of the progressive rates. It appears that in the village of Mochanurry 70 Acres have been given up in order that the new rates may be obtained. What new land will be taken up remains to be proved. In other villages the same action has taken place. In Kulloor (Kurnool) the estimated falling off is 74 Acres; inquiry will be made into the reasons for this decrease during September.

9. I append a list showing, 1st, the actual irrigation of last year for first crops; 2nd, for this year in the three taluqs. The total shows 4,760.66 Acres applied for already and still to be applied for.

Proceedings of the Madras Government, Public Works Department,
8th October 1875.

10. The following statement will show that the Kurnool or Kulloor village and the five nearest villages have been gradually giving up irrigation since 1873:—

Name of Village.	1871-72. Fasli 1281.	1872-73. Fasli 1282.	1873-74. Fasli 1283.	1874-75. Fasli 1284.	1875-76.
Moongalpand 1st crop	62 03	87 53	80 31	59 40	61 87
Do. 2nd "	23 63	22 28	15 50	22 96	...
Dry crop	3 97	...	...	...	...
Mamidalpad 1st crop	53 31	91 57	58 99	60 04	48 09
Do. 2nd "	10 15	17 74	18 99	22 23	...
Roza 1st crop	20 70	...	...	...	...
Do. 2nd "	...	27 59	...	...	...
Do. dry "	1 16	2 25	7 85	11 46	12 00
Kulloor 1st crop	...	...	...	...	...
Do. 2nd "	401 96	435 48	440 75	273 93	300 0
Do. dry "	84 31	161 49	214 63	184 01	...
Joharapoorum 1st crop	1 54	1 96	2 05	...	...
Do. 2nd "	95 83	157 90	116 72	80 33	60 00
Do. dry "	2 80	9 91	11 61	18 98	...
Poodoor 1st crop	...	...	...	...	...
Do. 2nd "	34 78	53 51	34 93	16 16	60 00
Do. dry "	1 56	1 24	7 62	23 54	...
Do. dry "	31 96	...	19 57	...	...

* Includes chalties.

11. With my Settlement Report I have forwarded a complete list of the acreage irrigated in each village in the upper sections for each year from 1871 including the estimated area for 1875. This will show the increase or decrease in every village.

12. Some cases of fever have occurred in the staff, but scarcely so much as is usual in August.

(Signed) C. H. WILKS,
Conservancy Engineer.

Table showing Areas irrigated for First Crop in the Season 1874-75 and probable Irrigation for First Crops in the present Season.

	1874-75. Actually Irrigated.	1875-76. Probable Irrigation.
<i>Ramallacota Talug.</i>		
Soonkasala	...	...
Konitolpal	...	...
Yedooroor	12 88	8 00
Gopalasingavaram	3 81	3 31
Nidjoor	65 32	52 99
Moongalpand	56 80	36 57
Mamidalpad	93 15	121 28
Roza	59 40	61 87
Kurnool	60 04	48 09
Kulloor	11 46	12 00
Zoharapoorum	8 33	10 00
	373 93	300 00
	80 35	60 00
Total	825 53	714 11

Proceedings of the Madras Government, Public Works Department,
8th October 1875.

Table showing Areas irrigated for First Crop in the Season 1874-75, &c.—(Continued.)

	1874-75. Actually Irrigated.	1875-76. Probable Irrigation.
<i>Nundicottakoor Talug.</i>		
Pasapoola Roodravaram	48 48	20 00
Poodoor	16 16	60 00
Ulloor	35 51	50 00
Sutanicota	100 66	70 00
Mullayala	110 36	105 88
Maddigatla	36 49	27 61
Begniramoolla	14 67	19 78
Nagatoor	111 37	126 98
Moorvakonda	78 97	112 55
Veerapoorum	88 32	43 35
Villala	21 69	7 00
Moochoomarry	417 41	330 22
Palamarry	21 89	24 06
Deervol	88 03	46 39
Pratakota	209 88	232 19
Pagadial	107 51	81 94
Lutchmapooram	1 01	...
Ganapavaram	345 52	360 69
Toommaloor	3 20	9 70
Tatipad	63 80	58 00
Bollavaram	28 87	27 00
Mittakundala	...	20 00
Bunnoor	59 44	85 00
Terrigapully	10 43	10 00
Jootoor	148 46	128 91
Chokimila Roodravaram	270 48	238 16
Pumulpad	261 94	314 10
Cumbalipully	74 83	60 00
Toodicherla	30 55	100 00
Moddoor	10 52	35 00
Banamockkoola	23 83	5 00
Wanala	15 82	20 00
Vempenla	2 72	20 00
Velpanoor	46 79	100 00
Regadagoodoor	47 92	50 00
Korrapuloor	22 73	25 00
Iyavaripally	5 41	10 00
Total	2,980 17	3,031 58

<i>Nundial Talug.</i>		
Bilculgoodoor	64 27	150 00
Pesaravoy	45 87	50 00
Paramatoor	21 38	30 00
Bojanum	12 14	5 00
Karimadulla	60 17	250 00
Boojanoor	2 20	50 00
Chindakoor	...	4 38
Tirripad	3 19	5 00
Karatamuddy	1 00	...
Kakanoor	11 55	10 00
Yerragoontla	21 00	70 00
Bandiatmakoor	1 00	...
Do.	35 42	35 00
Chabole	36 00	75 13

Proceedings of the Madras Government, Public Works Department,
8th October 1875.

Table showing Areas irrigated for First Crop in the Season 1874-75, &c. — (Concluded.)

	1874-75.		1875-76.	
	Actualy Irrigated.		Probable Irrigation.	
Nundial Taluk.—(Concl.)				
Noonapally	41	49	57	60
Nundial or Cootapally	103	05	113	53
Ponnappooram	1	30	7	00
Bollavaram	6	30	20	46
Byapacodoor	1	14	22	61
Iyavaricodoor	9	21	19	62
Eernapad	8	18	...	...
Ramappooram	2	81	8	50
Parnapully	2	00	...	...
Bheemavaram	2	00	...	...
Billalappooram	20	40	5	41
Poonooloor	...	...	30	00
Poonimaddy	...	...	...	...
Total	512	60	1,020	97
Grand Total	4,818	30	4,769	66

* This figure requires confirmation; some slight alteration may be necessary.

Kurnool,
September 1875.

(Signed) C. H. WILKS,
Conservancy Engineer.

LOWER DIVISION.

Report for the Month of August 1875.

All the Main Canal works in this division have been kept in good order, and the rain which has been much less than the average during this month has done very little damage to the Irrigation Channels and none to the Main Canal.

2. The Peempaul bridge in the 9th Section was fully completed and opened to the public traffic on the 20th instant; it would have been finished sooner, but for the difficulty of obtaining work-people owing to the presence of cholera in the village.

3. *Irrigation.*—The prospects of irrigation in the Sirwell and Kollacoota taluqs are very good; in many villages the increase already recorded for first crops has been from 50 to 120 per cent. over that of last season, and some villages are now taking water extensively which never took it before.

4. In Kollacoota taluk, the increase during August has not been so marked; but I have heard of numerous applications made during the first week of September which make me hope that eventually it will not fall short of Sirwell in its percentage of increase.

5. In the three taluqs of the Cuddapah District, the irrigation is carried on fully one month later than in the Kurnool District; we have therefore no certain data yet on which to form an estimate of the probable extent of this season's wet cultivation; but the Prosdator taluk is showing its usual tendency towards increase, and about 150 acres of Indigo have received a flooding to save the crop which was withering during the dry portion of the month.

6. From the Cuddapah taluk we have, as yet, received no applications, and I fear some influences are at work which may account for the delay, but at present it is too soon for me to

Proceedings of the Madras Government, Public Works Department,
8th October 1875.

mention them. No doubt, however, the prevalence of cholera in Chennur, the principal village under the canal, has caused a panic among the ryots and induced them to delay commencing wet cultivation.

7. The alarm about cholera has not been without good cause; at Cuddapah it has been very severe for the last five weeks, and it extended rapidly to the villages along the Pennair, such as Chennur, Adamapully, Comaloor and Kotaloor; at the former village especially it was very severe. It extended up the canal as far as Pedda Chinacoota in the Sirwell taluk including Dhoor where many deaths occurred; but I am happy to say none of the Company's employes have been attacked, and the disease seems rapidly decreasing at all these places.

8. I attach a table of the rainfall which has been in general much less than that of August 1874; at Adamapully only has it been heavy.

Kurnool,
13th September 1875.

(Signed) A. J. DODSON,
Conservancy Engineer.

Register of Rainfall in Inches and Decimals during the Month of August 1875 at 6 A.M. daily.

Month and Date	Sunkasala.	Kurnool.	Jupand.	Velapacoor.	Jucor.	Ayaloor.	Chinacoota.	Rupely.	Dhoor.	Adamapully.
1st August 1875 ...	0.15	...	...	...	...	0.45	...	...	...	1.13
2nd do. ...	...	...	0.10	0.10	0.33	...	...	0.07	0.22	...
3rd do. ...	...	...	0.10	...	...	...	...	...	...	...
4th do. ...	...	...	...	...	...	0.09	...	...	1.63	...
5th do. ...	0.05	0.45	0.30	0.40	0.30	...	0.62	1.10	...	1.33
6th do. ...	0.15	0.10	0.20	0.10	0.25	0.19	0.10	...	...	...
7th do. ...	1.00	0.70	1.20	0.10	0.95	0.06	0.28	...	...	0.40
8th do. ...	0.10	0.94	0.10	0.10	0.30	...	0.45	...	0.62	...
9th do. ...	...	...	...	...	0.20	...	...	...	...	...
10th do. ...	...	...	...	...	...	...	...	...	...	...
11th do. ...	...	...	...	...	...	...	...	...	...	...
12th do. ...	...	...	...	...	...	...	...	...	...	...
13th do. ...	...	...	...	...	...	...	...	...	...	...
14th do. ...	...	...	...	...	0.20	0.48	...	...	...	...
15th do. ...	...	0.07	0.50	0.10	0.55	...	...	...	0.10	...
16th do. ...	...	...	...	...	...	...	...	...	...	...
17th do. ...	...	...	...	...	...	...	...	...	...	...
18th do. ...	...	...	...	...	...	...	...	...	...	...
19th do. ...	...	...	...	...	...	...	...	...	...	...
20th do. ...	...	...	...	...	...	...	...	...	...	...
21st do. ...	...	...	...	...	...	...	...	...	...	...
22nd do. ...	...	...	...	...	0.15	...	0.05	...	...	...
23rd do. ...	...	...	...	...	...	...	...	...	0.19	...
24th do. ...	...	...	...	...	...	0.17	...	...	...	...
25th do. ...	...	...	...	0.20	...	...	...	...	0.04	...
26th do. ...	0.20	0.02	...	...	0.28	...	...	0.15	0.21	...
27th do. ...	...	...	...	...	0.20	0.83	...	0.80	...	...
28th do. ...	0.30	0.90	2.40	0.60	1.79	1.91	2.00	0.80	1.60	6.92
29th do. ...	2.80	0.15	0.60	0.10	0.13	...	0.11	...	0.18	6.92
30th do. ...	...	0.10	0.10	0.10	0.60	0.06	...	0.25	0.22	...
31st do. ...	0.50	0.07	...	...	0.35	...	...	...	1.41	1.43
Total ...	5.25	3.50	5.60	2.50	6.31	4.29	3.61	3.27	6.42	11.21

Kurnool,
13th September 1875.

(Signed) A. J. DODSON,
Manager and Acting Chief Engineer.

Proceedings of the Madras Government, Public Works Department,
8th October 1875.

Acting Chief Engineer's Report to accompany the Divisional Reports for August 1875.

The supply of water for irrigation has been ample throughout the month; but the Toombudra has not risen so high as it did in August 1874 by two feet, but towards the close it rallied, and on the 31st was 1.25 feet higher than at the end of August 1874. The Pennair during nearly the whole month was much lower than its average for this season, and the supply at Nellore became so low that on the 23rd the Chief Engineer for Irrigation telegraphed asking me to let all the water I could spare pass through our under sluices. I did so at once, but on the 29th a fresh came down both the Pennair and Koond rivers which removed all fear of scarcity of water.

The records of the rainfall do not show any heavy amount through the month, except that at Adamapully on the 28th, but about that time the fall must have been very heavy among the Erramalai Hills where the Koond rises, for the flood washed away the viaduct near Colwa which carries the Nundial road across the Koond, and the next morning the Hindry rose in flood all over the lower part of my compound and nearly came into my house; but no injury was done to any of the works on our canal, all both those on the Main Canal and Distribution Works having been maintained in good working order.

The prospects of this season's irrigation seem, on the whole, very good, though there has been a considerable falling off in some of the villages near Kurnool, but in all the taluqs applied for; in some villages, such as Mochumury, the ryots seem to prefer abandoning fields they irrigated last season, and take up new lands for irrigation, seeming to prefer to spend extra time and labor on such land to paying an extra Rupee water-rate, but I think after a few seasons' experience of such experiments they will find it better economy to re-commence on their old fields, as the first year's crop off newly-cultivated land is seldom a good one.

Although the cholera has been very bad at Cuddapah and some of the villages in that district through which the canal passes, yet I am happy to say that, as yet, I have not heard of any of the employés of the Company having been attacked.

KURNOL,
14th September 1875.

(Signed) A. J. DODSON,
Manager and Acting Chief Engineer.

SUBMITTED for the information of Government.

2. The prospects of irrigation this season near Kurnool are indifferent: further south they appear to be very good.

3. The report of the Upper Division (paragraph 9) is incomplete; and, as these monthly reports are printed, it would be well were clerical errors eliminated.

(Signed) JOHN MULLINS, Lieut.-Colonel, R.E.,
Chief Engineer for Irrigation.

No. 122.

ORDER THEREON, 8th October 1875, No. 2,884.

IRRIGATION, No. 11.

ORDERED to be recorded.

(True Extract.)

Major-General, R.E.,

Secretary to Government.

To the Chief Engineer for Irrigation.
Chief Engineer and Manager, Madras Irrigation and Canal Company.
Examiner of Railway and Canal Accounts.
Revenue Department.
Ed. E. C. Shunker.
Spare Copies

Submitted for the information of
Government. *N. 39*
H. 5

Enclosures.

The prospects of irrigation this season near Kurnool are indifferent: further south they appear to be very good.

2. The report of the upper Division (para 9) is incomplete, and, as these monthly reports are printed, it would be well were clerical errors eliminated.

Wm. Mullins Lieut. Col. R.E.
Chief Engineer for Irrigation

Col. Mullins
29 Sept 1875

The Secretary to Government
S.M.

No 2884

S.H.B. 10/10

Pro: of the Madras Government

Under date the 8th Oct 1895

Read the following
From the Ch. Engrs for S.H.E. Co. 39

Recorded.

10/10

[Signature]

[Signature]

Chgo for Engrs	5	with 4	Orig. Enclosures
Chgo for Manager in S.H.E. Co.	3	53	
In Chgo for Canal Accts	7	6	
Rev. Dept	21		

Office 17

10/10-10-75

S. W. 1895 Sept.

No 6459

From

The Chief Engrs.
for Irrigation.

dated 29th Sept. 1895.
Recd 11th Oct. 1895.

G. L. No 1124. 39.

Submitting Reports
on the works of the Upper
& Lower sections of the
M. S. E. Co. for August
1895.

J. S. 2884. 8-10-95.

121

6459

Gobt. of (1875) Madras
PUBLIC WORKS.

To

The Chief Engr.
for Bridge.

Dated

Issued

Recd.

Encl.

G. O. J. D. 1875, No. 2884

No. 121-122

Reports on the works
of the Upper & Lower
Sections of the M.S.R.
Co. for August 1875.

Endorsement of the
Chief Engr. for Bridge
submitting with
remarks the
recorded.