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6/11/67

MADRAS RECORD OFFICE**GOVERNMENT OF MADRAS**Revenue DEPARTMENT

G.O. No.

25.

Press

B.P. No.

Mis.

Dated

4-6-1874. 196

Not to be folded or roughly handled

Read the following papers:—

No. 483. From J. GROSE, Esq., Secretary to the Board of Revenue, to Colonel G. W. WALKER, R.E., Secretary to Government, Public Department, dated Madras, 14th March 1874, No. 580.

With reference to G. O., dated 25th July 1872, No. 1,766, Public Works Department, I am directed to forward a statement showing the actual return from irrigation in each district for Fasli 1282 (1872-73).

2. The statement does not include the revenue on irrigated lands in South Canara, or the quit-rents on irrigated inams in all the districts, as no information regarding these items is available.

3. The total amount of irrigated revenue is Rupees 201,35,083 against Rupees 191,22,368 in the preceding year.

4. No works of irrigation are maintained by Government in the districts of South Canara, Malabar, and the Neilgherries.

Statement showing the Revenue due to Irrigation in each District of the Madras Presidency for Fasli 1282 (1872-73).

GOVERNMENT LANDS.

GOVERNMENT LANDS.

Districts.	Dry crops irrigated.		Lands irrigated and cultivated with Wet crops.		Total Government lands irrigated.		Deduct.		Remainder.
	Area.	Assessment including charge for water.	Area.	Assessment including charge for water.	Area.	Assessment including charge for water.	Remissions on account of excess or failure of water.	Other usual deductions.	
							8	9	
1	2	3	4	5	6	7	8	9	10
	ACRES.	RS.	ACRES.	RS.	ACRES.	RS.	RS.	RS.	RS.
1. Ganjam	623	1,645	183,186	5,29,849	183,809	5,31,494	42	654	5,30,798
2. Vizagapatam	...	...	38,558	2,48,118	38,558	2,48,118	101	276	2,47,741
3. Gollaverty	2,421	10,329	312,580	17,78,976	315,001	17,80,295	16,908	16,427	17,55,480
4. Kistna...	1,105	4,592	187,107	10,21,313	188,212	10,28,905	1,000	20,028	8,84,856
5. Nellore	2,604	13,011	195,575	8,84,997	198,179	8,98,008	241	9,585	8,87,363
6. Cuddapah	...	...	128,577	9,47,343	128,577	9,47,343	59	3,469	9,31,730
7. Bellary	...	...	129,448	7,41,161	129,448	7,41,161	2,448	10,145	7,37,642
8. Kurnool	...	...	32,978	2,23,748	32,978	2,23,748	...	...	2,11,155
9. Madras	...	...	...	...	...	...	...	...	...
10. Chingleput	5,201	19,595	320,487	12,47,501	325,688	12,67,096	3,816	19,078	12,44,262
11. North Arcot	6,742	19,118	237,063	13,90,144	243,745	14,09,262	3,085	72,396	13,33,781
12. South Arcot	5,619	18,879	337,819	18,70,700	343,438	18,89,579	3,452	1,35,791	17,50,336
13. Tanjore	7,876	25,403	769,403	38,48,373	777,279	38,73,778	1,031	2,45,256	36,27,489
14. Trichinopoly	41,738	1,24,950	144,178	6,94,833	185,916	8,19,783	9,285	50,295	7,69,203
15. Madura	108	709	151,075	6,58,473	151,183	6,59,182	3,483	10,864	6,44,835
16. Tinnevely	12	80	167,794	16,18,809	167,806	16,18,898	31,196	69,297	15,15,305
17. Coimbatore	4,923	15,536	88,019	6,42,356	92,942	6,57,892	34,311	35,412	5,88,169
18. Neilgherry	...	...	40	90	40	90	...	...	90
19. Salem	221	911	98,614	5,26,484	98,835	5,27,395	4,668	33,909	4,88,818
20. South Canara	...	...	...	...	...	...	...	...	...
21. Malabar	...	...	387,426	11,65,873	387,426	11,65,873	3,324	390	11,62,153
Total...	79,193	2,54,767	3,909,867	200,42,141	3,989,060	202,96,908	2,45,031	7,48,745	193,03,132

Proceedings of the Madras Government, Public Works Department, 22nd May 1874.

Statement showing the Revenue due to Irrigation in each District of the Madras Presidency for Fasli 1282 (1872-73).—(Concluded.)

Districts.	INAM AND ZEMINDARI LANDS IRRIGATED.		LANDS IRRIGATED FREE OF CH. RGE.		TOTAL LANDS IRRIGATED.		BESIDES THE REMISSIONS SHOWN IN COLUMN 8, ASSESSMENT ON WET LANDS LEFT UNCULTIVATED FOR WANT OR EXCESS OF WATER WAS REMITTED AS SHOWN BELOW.	
	Area.	Charge for water.	Inam Area.	Zemindari Area.	Area.	Assessment including charge for water.	Extent.	Assessment.
	11	12	13	14	15	16	ACRES.	RS.
1. Ganjam	444	486	...	...	184,253	5,31,281	...	...
2. Vizagapatam	145	151	12872	4,152	55,727	2,47,892	...	...
3. Gollaverty	194,000	5,84,698	48,964	33,202	591,767	23,41,158	1,239	3,069
4. Kistna...	29,172	96,732	18,228	11,320	246,932	9,81,588	1,976	10,054
5. Nellore	2,286	8,065	29,575	...	230,040	8,98,773	5,931	25,985
6. Cuddapah	4,461	17,490	5,581	...	138,619	9,49,220	6,091	31,762
7. Bellary	5,730	26,311	...	...	135,178	7,63,953	5,991	26,657
8. Kurnool	3,239	11,571	...	...	36,217	2,22,726	1,848	14,375
9. Madras	...	...	...	...	...	...	...	...
10. Chingleput	721	13,319	40,974	4,965	372,348	12,57,521	1,908	6,168
11. North Arcot	9,352	24,501	34,438	...	287,535	13,58,282	3,773	19,965
12. South Arcot	4,896	15,043	31,452	...	379,786	17,65,379	473	2,381
13. Tanjore	9,402	14,367	130,191	31,430	938,302	36,41,856	531	1,319
14. Trichinopoly	3,277	8,769	41,813	...	231,006	7,68,972	...	...
15. Madura	2,152	5,717	16,484	43	169,864	6,50,532	7,006	24,006
16. Tinnevely	135	6,831	6,831	17,520	192,292	15,15,906	10,430	1,58,654
17. Coimbatore	1,133	3,501	7,857	...	101,932	5,91,670	2,935	20,708
18. Neilgherry	...	...	...	8,358	114,750	4,89,447	1,843	11,114
19. Salem	556	629	7,001	...	387,426	11,62,159	...	...
20. South Canara	...	...	...	...	...	...	...	...
21. Malabar	...	...	...	...	...	...	...	...
Total...	271,701	8,31,951	422,263	110,990	4,794,014	201,35,083	50,905	3,55,957

*Proceedings of the Madras Government, Public Works Department,
22nd May 1874.*

No. 269-A.

No. 483A. *Note by the Chief Engineer for Irrigation.*

THE statement of revenue due to irrigation for Fasli 1282 (1872) compared with that of the preceding year exhibits the following results:—

Description of Land irrigated.	1871-72.		1872-73.	
	Extent.	Assessment.	Extent.	Assessment.
	Acres.	Rs.	Acres.	Rs.
Government lands	3,731,567	1,82,86,693	3,380,060	1,93,01,000
Inam and Zemindary lands	270,974	8,35,670	271,701	8,35,670
Lands irrigated (Inam	466,801		422,263	
free of charge. } Zemindary	158,555		110,590	
Total...	4,690,897	1,91,22,363	4,794,014	2,01,35,083

The figures for 1871-72 are the corrected entries as given in the Proceedings of the Madras Government, No. the Board of Revenue, No. 520, 1,035, dated 24th April 1874. 9th March 1874.

2. The season of 1872-73 was a favourable one, the rainfall having considerably above the average. As a consequence the remissions dependent upon water-supply were generally very small, and in several districts they only nominal. The Kistna District, however, suffered, more especially in delta, from floods, the existing means of drainage being altogether inadequate to carry off the accumulated water. * 10-46 inches. a very heavy rainfall* in October

a large extent of crop was consequently destroyed. A glance at the Atlas of the delta will show that at the time the survey was made very large tracts of country were swamp, and though the embanking of the river and the regulation of the artificial supply of water have done much to improve the condition of the delta, as yet little or nothing has been done to facilitate the outflow of and upland drainage. The subject which is one of great importance to the well-being of the district has of late received careful consideration, and my proposals for dealing with it effectually will shortly be ready for submission to Government. The remissions connected with water-supply for the years were—

1871-72	...	...	...	...	...	...	...	Rs.
1872-73	...	...	...	...	...	...	...	4,69,115
	...	...	...	...	...	...	...	2,45,031

The particulars of remissions in 1871-72 have been the subject of inquiry by the several Collectors and District

Vide Proceedings, dated 22nd September 1873, No. 2,341.

will be removed, but dependent as is a very large part of the irrigation on rain-fed tanks, even after all that is possible has been accomplished in rendering the irrigation works more efficient, the character of the season, as regards

*Proceedings of the Madras Government, Public Works Department,
22nd May 1874.*

the total quantity of rainfall and the way in which the falls occur, will continue to exercise a predominant influence on the results, and it will but seldom happen that the remissions will be as light as in 1872-73.

3. The Controller of Public Works Accounts has furnished a statement of charges for the year, and subjoined are the particulars; but it is necessary to remark that, owing to the way in which Public Works charges for establishment are distributed, the entries for the several districts do not give the actual cost incurred therein under this head, and the totals only, therefore, indicate correctly what the charges for the Presidency were. It will be seen that compared with the previous year they show the following results:—

	Acreage.	Revenue.	Charges.	Per Acre.	Per Cent.
		Rs.	Rs.		
1871-72	4,690,897	1,91,22,363	14,84,369	0.31	7.76
1872-73	4,794,014	2,01,35,083	16,94,956	0.35	8.41

Proceedings of the Madras Government, Public Works Department,
22nd May 1874.

Districts.	TOTAL LANDS IRRIGATED.			ESTABLISHMENT.							WORKS. Repairs.	Total of Columns 9 and 10.	PUBLIC WORKS CHARGES.		AVERAGE AMOUNT PER ACRE.		Remarks.
	Area.	Assessment.	Secundariat.	Account.	District Engineers.	Construction.	Conservancy.	Total.	Per Acre.	Per Cent on Revenue.			Govern-ment Lands.	Total Area.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		
Ganjam	184,253	5,31,254	331	413	806	6,056	1,230	8,888	26,620	25,509	0.19	6.03	289	289	Column 14 = Col. 10.		
Vizagapatam	55,727	2,47,892	253	277	843	4,941	525	6,356	17,870	24,236	0.43	9.73	643	445	Col. 6 of Board of Revenue Return.		
Godavery	591,707	23,41,158	2,550	2,784	13,214	20,155	41,595	80,224	1,76,563	2,50,791	0.43	11.00	553	896	Column 15 = Col. 16.		
Kistna	246,932	9,81,588	1,450	1,535	7,333	20,490	21,466	55,209	1,00,428	1,55,727	0.63	15.87	470	397	Column 15 = Col. 16.		
Nellore	230,010	6,95,425	632	913	1,010	10,643	4,670	19,051	58,975	77,022	0.33	9.61	449	389	Column 15 = Col. 16.		
Cuddapah	138,619	9,40,220	290	311	658	6,965	...	8,255	24,108	29,374	0.21	6.23	234	262	Column 15 = Col. 16.		
Arundel	33,517	27,724	263	284	503	4,840	...	5,892	16,932	21,224	0.57	10.83	640	612	Column 15 = Col. 16.		
Bellary	137,173	7,68,953	635	681	4,816	13,740	...	19,551	43,963	63,844	0.17	8.36	569	565	Column 15 = Col. 16.		
Presidency	...	...	22	23	177	894	...	616	1,421	2,107	...	...	...	...	Column 15 = Col. 16.		
Chingleput	372,815	12,57,121	967	1,037	996	10,511	2,509	21,720	66,072	88,002	0.24	7.03	382	339	Column 15 = Col. 16.		
North Arcot	287,635	13,58,928	1,521	1,255	412	21,130	3,957	32,234	1,26,256	1,59,580	0.55	11.65	0.54	473	Column 15 = Col. 16.		
South Arcot	879,786	17,65,379	1,717	1,842	2,202	16,458	4,010	38,539	1,18,926	1,52,185	0.40	8.02	809	465	Column 15 = Col. 16.		
Salem	111,750	4,39,417	1,161	1,245	2,299	23,206	...	27,911	80,408	1,03,314	0.34	22.13	491	426	Column 15 = Col. 16.		
Bangalore	938,302	36,41,556	3,153	2,209	8,155	20,002	6,887	48,806	1,49,133	1,97,939	0.21	5.43	468	389	Column 15 = Col. 16.		
Tanjore	231,065	7,69,972	931	999	925	12,587	3,260	14,732	61,500	83,233	0.36	10.82	409	333	Column 15 = Col. 16.		
Trichinopoly	101,022	5,51,670	1,011	1,025	700	12,711	...	13,557	70,737	86,204	0.54	14.60	0.33	225	Column 15 = Col. 16.		
Neelgherry	357,420	11,62,159	24	20	23	161	63	300	1,649	2,943	0.00	0.17	300	300	Column 15 = Col. 16.		
Coimbatore	169,864	6,50,653	540	579	3,851	6,947	103	14,109	87,402	49,511	0.29	7.60	420	324	Column 15 = Col. 16.		
Malabar	192,292	13,15,998	1,125	1,207	1,143	17,868	1,153	22,490	77,919	1,00,412	0.12	6.63	903	788	Column 15 = Col. 16.		
South Canara	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Column 15 = Col. 16.		
Madura	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Column 15 = Col. 16.		
Tinnevely	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Column 15 = Col. 16.		
Total...	4,791,014	201,35,083	19,169	19,481	56,878	2,47,906	94,240	4,36,683	12,58,273	16,91,956	0.35	8.41	484	420	Column 15 = Col. 16.		

Proceedings of the Madras Government, Public Works Department,
22nd May 1874.

4. The following abstract statement shows in a more succinct form the areas, revenue, maintenance charges and balance of revenue for the year:—

Districts.	GOVERNMENT LANDS.		TOTAL LANDS.		Maintenance Charges.	Balance of Revenue.
	Area.	Assessment.	Area.	Assessment.		
1.	2.	3.	4.	5.	6.	7.
	ACRES.	RS.	ACRES.	RS.	RS.	RS.
Ganjam	183,809	5,30,798	184,253	5,31,254	35,509	4,95,776
Vizagapatam	38,538	2,47,741	55,727	2,47,892	24,256	2,23,636
Godavery	315,001	17,56,460	591,767	23,41,158	2,56,791	20,84,367
Kistna	188,212	8,84,856	246,932	9,81,588	1,55,727	8,25,861
Nellore	198,179	8,87,363	230,010	8,95,428	77,032	8,18,396
Cuddapah	128,577	9,31,730	138,619	9,40,220	28,360	9,20,860
Kurnool	82,978	2,11,155	36,217	2,22,724	21,224	1,98,500
Bellary	129,449	7,37,642	135,178	7,63,953	63,814	7,00,109
Presidency	...	...	...	...	...	...
Chingleput	325,689	12,44,202	372,343	12,57,621	88,693	11,66,722
North Arcot	243,745	13,28,781	287,535	18,59,282	1,53,580	16,99,703
South Arcot	343,438	17,50,336	379,786	17,65,379	1,52,185	16,13,194
Salem	98,835	4,88,818	114,750	4,89,447	1,08,314	3,81,133
Bangalore	...	...	...	...	...	...
Tanjore	777,270	36,27,489	938,302	36,41,556	1,97,939	34,43,917
Trichinopoly	183,916	7,60,203	231,006	7,68,972	88,232	6,85,740
Neelgherry	40	90	40	90	...	90
Coimbatore	92,943	5,88,169	101,932	5,91,670	86,294	5,05,376
Malabar	387,426	11,62,159	387,426	11,62,159	1,943	11,60,211
South Canara	...	...	...	...	...	...
Madura	151,183	6,44,835	169,864	6,50,552	49,511	6,01,041
Tinnevely	167,806	15,15,305	192,292	15,15,906	1,00,412	14,15,494
Total	3,989,060	1,93,03,132	4,791,014	2,01,35,083	16,94,956	1,84,40,127
					1871-72	1,76,37,999

5. The Board of Revenue state that no information is available regarding quit-rents on irrigated inams or the revenue on irrigated lands in South Canara.
OOTACAMUND, (Signed) J. MULLINS, Lieut.-Colonel, R.E.,
8th April 1874. Chief Engineer for Irrigation.

No. 484. ORDER THEREON, 22nd May 1874, No. 1,380.

IRRIGATION, No. 45.

The results exhibited in the statements are satisfactory, the increase of area irrigated being more than 103,000 acres, and of the revenue more than 10 lakhs beyond those of 1871-72. In the earlier year the Public Works charges were—

Establishments	...	...	...	...	...	...	RS.
Outlay on works	...	...	...	...	...	...	3,61,869
							11,22,500
							14,84,369

while in 1872-73 they amounted to—

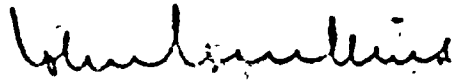
Establishments	...	...	...	...	...	...	RS.
On works	...	...	...	...	...	...	4,36,683
							12,58,273
							16,94,956

The additional cost of establishments specially employed on conservancy was but 70 Rupees, and the rest of the difference is due to general charges under this head which, according to the present practice, are distributed ratably over the whole Public Works outlay.

*Proceedings of the Madras Government, Public Works Department,
22nd May 1874.*

2. Ordered that a copy of these Proceedings be forwarded for the information of the Government of India.

(True Extract.)



Lieut.-Colonel, R.E.,

Joint Secretary to Government.

To the Revenue Department. ✓

- .. Chief Engineer for Irrigation.
- .. Officiating Controller of Public Works accounts.
- .. District Engineers concerned.

Exd. R. C. Shunker.

14 Spare Copies will follow from London.

N. 1766.
Revenue 1874 D. *with*
Govt. of 1874 *Madras*
PUBLIC WORKS.

To

THE REVENUE DEPARTMENT,

Secy. to Govt.

Dated May 22nd

Recd. June 2nd

Encl.

G. O., 22nd May 1874, No. 1,323.

MAY

Nos. 483-484

16
1874
Irrigation.—Passing orders en route
by the Chief Engineer for Irrigation sub-
mitting statements showing the actual
return from irrigation in each district of
the Madras Presidency for 1872-73.

25 Communicated to
the Board of Revenue

4 June '74
to Prof. Revenue 27 June
C/LL