M.R.O. 1—10,006—28-2-50.

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MADRAS RECORD OFFICE

Government of Madras

Public Works DEPARTMENT

G.O. No. 1380-81 Press Circular
B.P.—No. —Mis.—

Dated 22-5- 1879 —195—

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).

Districts.	Government Lands.								
	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.	
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. Godavery	2,421	10,329	312,580	17,78,976	315,001	17,89,305	16,408	16,437	17,56,460
4. Kistna...	1,105	4,592	187,197	10,24,513	188,212	10,28,905	1,24,021	20,028	8,84,856
5. Nellore	2,604	13,011	195,575	8,84,997	198,179	8,98,008	1,060	9,585	8,87,363
6. Cuddapah	...	...	128,577	9,47,343	128,577	9,47,343	241	15,372	9,31,730
7. Bellary	...	...	129,448	7,41,161	129,448	7,41,161	59	3,460	7,37,643
8. Kurnool	...	...	32,978	2,23,748	32,978	2,23,748	2,448	10,115	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	12,44,202
11. North Arcot	6,742	19,118	237,003	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	38,73,776	1,031	2,45,256	36,27,189
14. Trichinopoly	41,738	1,24,950	144,178	6,94,833	185,916	8,19,783	9,285	50,295	7,60,203
15. Madura	108	709	151,075	6,58,473	151,183	6,59,182	3,483	10,861	6,44,835
16. Tinnevelly	12	89	167,794	16,18,809	167,806	16,18,898	31,196	69,397	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	11,62,159
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

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 Charge.		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.	ACRES.	ACRES.	ACRES.	RS.	ACRES.	RS.
1. Ganjam...	444	486	.....	.....	184,253	5,31,284	.....	.....
2. Vizagapatam	145	151	12,872	4,152	55,727	2,47,892	.....	.....
3. Godavery	194,600	5,84,698	48,964	33,202	591,767	23,41,158	1,239	3,669
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	8,95,428	5,061	25,038
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. Tanjoro	9,402	14,367	120,191	31,430	938,302	36,41,856	331	1,319
14. Trichinopoly	3,277	8,769	41,813	.....	231,006	7,68,972	.....	.....
15. Madura	2,152	5,717	16,486	43	169,864	6,50,552	7,006	24,096
16. Tinnevelly	135	601	6,831	17,520	192,292	15,15,906	10,430	1,58,651
17. Coimbatore...	1,133	3,501	7,857	.....	101,932	5,91,670	2,935	20,708
18. Neilgherry	.....	.....	.....	.....	40	90	.....	.....
19. Salem...	556	629	7,001	8,358	114,750	4,89,447	1,843	11,114
20. South Canara	.....	.....	.....	.....	.....	.....	.....	.....
21. Malabar	.....	.....	.....	.....	387,426	11,62,159	.....	.....
Total...	271,701	8,31,951	422,263	110,990	4,794,014	201,35,083	50,905	3,55,957

No. 269-A.

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

THE statement of revenue due to irrigation for Fasli 1282 (1872-73) 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	3,791,567	1,82,86,698	3,989,060	1,93,03,132
Inam and Zemindary lands	270,974	8,35,670	271,701	8,31,951
Lands irrigated { Inam	466,801	.....	422,263	.....
free of charge. { Zemindary ...	158,555	.....	110,990	.....
Total...	4,690,897	1,91,22,368	4,794,014	2,01,35,083

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

Proceedings of the Madras Government, No. 1,055, dated 24th April 1874.

2. The season of 1872-73 was a favourable one, the rainfall having been considerably above the average. As a consequence the remissions dependent upon water-supply were generally very small, and in several districts they were only nominal. The Kistna District, however, suffered, more especially in the delta, from floods, the existing means of drainage being altogether inadequate to carry off the accumulated waters of a very heavy rainfall* in October, and a large extent of crop was consequently destroyed. A glance at the Atlas Sheet 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 local 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 matured proposals for dealing with it effectually will shortly be ready for submission to Government. The remissions connected with water-supply for the two years were—

* 10·46 inches.

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

The particulars of remissions in 1871-72 have been the subject of inquiry by the several Collectors and District Engineers, and now that attention has been given to the matter, remediable causes will be removed, but dependent as is a very large part of the irrigation upon 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 both

Vide Proceedings, dated 22nd September 1873, No. 2,344.

the total quantity of rainfall and the way in which the falls occur, will continue to exercise a predominent 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	1,91,22,368	14,84,369	0·31	7·76
1872-73	4,794,014	2,01,35,083	16,94,956	0·35	8·41

Districts.	Total Lands Irrigated.		Establishment.					Works.		Public Works Charges.		Average Assessment per Acre.		Remarks.
	Area.	Assessment.	Secretariat.	Account.	District Engineers.	Construction.	Conservancy.	Total.	Repairs.	Total of Columns 9 and 10.	Per Acre.	Per Cent on Revenue	Total Area.	
1	2	3	4	5	6	7	8	9	10	11	12	13	15	16
	Acres.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.			
Ganjam ...	184,253	5,31,264	384	413	806	6,056	1,230	8,888	26,620	35,508	0·19	6·68	2·88	Column 14 = Col. 10, Col. 6.
Vizagapatam ...	55,727	2,47,892	258	277	312	4,081	628	6,356	17,870	24,226	0·43	9·73	4·45	of Board of Revenue Return.
Godavery ...	591,767	23,41,158	2,550	2,734	13,214	30,135	41,593	89,223	1,76,563	2,65,791	0·43	11·00	3·96	
Kistna ...	246,933	9,81,588	1,450	1,555	7,385	20,490	24,466	55,299	1,00,428	1,55,727	0·63	15·87	3·97	Column 15 = Col. 16.
Nellore ...	230,040	8,95,429	852	913	1,010	10,643	4,636	18,054	59,078	77,032	0·33	8·61	3·80	of Board of Revenue Return
Cuddapah ...	139,619	9,49,220	290	311	659	6,998	.....	8,258	20,105	28,360	0·20	2·99	6·85	
Kurnool ...	36,217	2,22,726	265	284	503	4,840	.....	5,892	15,332	21,224	0·67	10·83	6·13	
Bellary ...	135,178	7,63,953	635	681	4,816	13,749	.....	19,881	43,963	63,844	0·47	8·36	5·65	
Presidency ...	.....	.....	22	23	177	894	.....	616	1,491	2,107	.....	.....	.....	
Chingleput ...	372,818	12,57,521	967	1,037	906	16,511	2,209	21,720	66,972	88,692	0·24	7·05	3·39	
North Arcot ...	287,535	13,33,782	1,821	1,955	442	1,136	3,957	32,294	1,26,286	1,58,580	0·55	11·89	4·73	
South Arcot ...	379,786	17,65,379	1,717	1,842	9,202	16,458	4,010	33,229	1,18,956	1,52,185	0·40	8·62	4·63	
Salem	114,750	4,89,447	1,161	1,245	2,299	23,206	.....	27,911	80,403	1,08,314	0·94	22·13	4·28	
Bangalore ...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Tanjore	938,302	36,41,856	2,153	2,309	8,455	29,062	6,887	48,866	1,49,133	1,97,999	0·21	5·43	3·89	
Trichinopoly ...	231,006	7,68,972	931	999	925	12,587	3,290	18,732	64,500	83,232	0·36	10·82	3·33	
Neilgherry ...	40	90	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Coimbatore ...	101,932	5,91,670	1,021	1,095	700	12,741	.....	15,557	70,737	86,294	0·84	11·60	2·25	
Malabar ...	387,426	11,62,159	24	26	23	164	63	300	1,648	1,948	0·005	0·17	3·00	
South Canara ...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Madura	169,864	6,50,552	540	579	3,851	6,947	193	12,109	37,402	49,511	0·29	7·60	3·24	
Tinnevelly ...	192,292	15,15,906	1,125	1,207	1,143	17,868	1,153	22,496	77,916	1,00,412	0·52	6·62	7·88	
Total...	4,794,014	201,85,033	18,169	19,484	56,878	3,47,906	94,246	4,36,683	12,58,273	16,94,956	0·35	8·41	4·20	

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	5,31,264	35,508	4,95,776
Vizagapatam	38,558	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	246,933	9,81,588	1,55,727	8,25,861
Nellore ...	198,179	8,87,363	230,040	8,95,428	77,032	8,18,396
Cuddapah	128,577	9,31,730	138,619	9,49,220	28,360	9,20,860
Kurnool	32,978	2,11,155	36,217	2,22,726	24,224	1,98,502
Bellary	129,448	7,37,642	135,178	7,63,953	63,844	7,00,109
Presidency	.....	.....	.....	.....	2,107	} 11,66,722
Chingleput	325,688	12,44,202	372,348	12,57,521	88,692	
North Arcot	243,745	13,33,781	287,535	13,58,282	1,58,580	11,99,702
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	777,279	36,27,489	938,302	36,41,856	1,97,939	34,43,917
Trichinopoly	185,916	7,60,203	231,006	7,68,972	83,232	6,85,740
Neilgherry	40	90	40	90	.....	90
Coimbatore	92,942	5,88,169	101,932	5,91,670	86,294	5,05,376
Malabar	387,426	11,62,159	387,426	11,62,159	1,948	11,60,211
South Canara ...	.....	.....	.....	.....	.....	.....
Madura	151,183	6,44,835	169,864	6,50,552	49,511	6,01,041
Tinnevelly	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, 8*th April* 1874. (Signed) J. MULLINS, Lieut.-Colonel, R.E., *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—

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

while in 1872-73 they amounted to—

Establishments	4,36,683
On works	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.)

(Signed) J. MULLINS, Lieut.-Colonel, R.E.,
Joint Secretary to Government.

No. 485. (DOCKET No. 1,381, dated 22nd May 1874.)
COPY of the above forwarded to the Government of India.

(True Extract.)

Lieut.-Colonel, R.E.,
Joint Secretary to Government.

Exd. E. C. Shunker.
Spare Copies

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

Districts.	Government Lands.								
	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.	
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. Godavery	2,421	10,329	312,580	17,78,976	315,001	17,89,305	16,408	16,437	17,56,460
4. Kistna...	1,105	4,592	187,107	10,24,313	188,212	10,28,905	1,24,021	20,028	8,84,856
5. Nellore	2,604	13,011	195,575	8,84,997	198,179	8,98,008	1,060	9,585	8,87,363
6. Cuddapah	...	...	128,577	9,47,343	128,577	9,47,343	241	15,372	9,31,730
7. Bellary	...	...	129,448	7,41,161	129,448	7,41,161	59	3,460	7,37,642
8. Kurnool	...	...	32,978	2,23,748	32,978	2,23,748	2,448	10,145	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	12,44,202
11. North Arcot	6,742	19,118	237,003	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	38,73,776	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	7,60,203
15. Madura	108	709	151,075	6,58,473	151,183	6,59,182	3,483	10,864	6,44,835
16. Tinnevelly	12	89	167,794	16,18,809	167,806	16,18,898	34,196	69,397	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. Nilgiris	...	...	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	11,62,159
Total...	79,193	2,51,767	3,909,867	200,42,141	3,989,060	202,96,908	2,45,031	7,48,745	193,03,132

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 Charge.		Total lands Irrigated.		Besides the remissions shown in Column 5, 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.	ACRES.	ACRES.	ACRES.	RS.	ACRES.	RS.
1. Ganjam...	444	486	.....	.....	184,253	5,31,284	.....	.....
2. Vizagapatam	145	151	12,872	4,152	55,727	2,47,882	.....	.....
3. Godavery	194,600	5,84,698	48,954	33,202	591,767	23,41,158	1,250	3,669
4. Kistna...	29,172	96,732	18,228	11,320	216,932	9,81,688	1,976	10,054
5. Nellore	2,286	8,065	29,575	.....	230,010	8,95,123	5,061	25,058
6. Cuddapah	4,461	17,490	5,531	.....	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	1,818	14,375
9. Madras	.....	.....	.....	.....	.....	.....	.....	.....
10. Chingleput...	721	13,319	40,974	4,963	372,348	12,57,521	1,908	6,168
11. North Arcot	9,352	21,501	31,438	.....	287,535	13,58,282	3,773	19,965
12. South Arcot	4,896	15,013	31,452	.....	379,786	17,65,679	473	2,381
13. Tanjore	9,402	14,367	120,191	31,430	938,392	36,41,856	331	1,319
14. Trichinopoly	3,277	8,709	41,833	.....	231,006	7,68,972	.....	.....
15. Madura	2,152	5,717	16,486	43	163,861	6,50,552	7,006	21,096
16. Tinnevelly	133	601	6,831	17,520	192,292	15,15,906	10,430	1,58,651
17. Coimbatore ..	1,133	3,501	7,857	.....	101,932	5,91,670	2,935	20,708
18. Nilgiris	.....	.....	.....	.....	40	90	.....	.....
19. Salem...	556	629	7,091	8,358	114,750	4,89,417	1,843	11,114
20. South Canara	.....	.....	.....	.....	.....	.....	.....	.....
21. Malabar	.....	.....	.....	.....	337,426	11,62,159	.....	.....
Total...	271,701	8,31,951	422,263	110,990	4,794,014	201,35,083	50,905	3,55,957

No. 580.

From J. GROSE, Esq., Secretary to the Board of Revenue,

To the Secretary to Government, Public Works Department.

Sir,

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 Nilgiris.

Revenue Board Office, Madras, 14th March 1874.

I have the honour to be,
Sir,
Your most obdient servant.
J. Grose
Secretary.

To the Secretary to Government, Public Works Department, with Statement.

Copy to the Acting Secretary to Government, Revenue Department, with do.

Exd. G. A. Turton.

№ 269 A.

Letter № 580 dated 14 March 1874
from Secretary. Board of Revenue
& statement.

Note by the Chief Engineer for Irrigation

The statement of Revenue due to Irrigation for Fasle 1282 (1872-73) compared with that of the preceding year exhibits the following results.

Descriptions of land irrigated.	1871-72. Acres	1871-72. Assessment	1872-73. Acres	1872-73. Assessment
Government lands	3,794567	182,6,698	3,989.060	193,03,132
Inam & Zemindary lands	270,974	835,670	271,701	831,951
Lands irrigated free of charge. Inam	466,801	—	422,263	—
Zemindary	158,555	—	110,99a	—
	4,690,897	19,12,368	4,794,014	20,35,083

The figures for 1871-72 are the corrected entries as given in the Proceedings of the Board of Revenue № 320. dated 9th March 1874.

P.W.D. Letter № 1055 dated 24th April 74

2. The season of 1872-73 was a favorable one the rainfall having been considerably above the average

to

FROM THE SECRETARY TO THE BOARD OF REVENUE,
TO THE SECRETARY TO GOVERNMENT, P. W. D.

Dated 14th March 1874.
Received [illegible]

Encl.

MARCH.
No. 580.

Irrigation.—Statement showing actual return from — in each district, for Fasli 1282, with exception of revenue from Irrigated lands in South Canara, and of quit-rent on irrigated lands in all the districts, submitted to Government.

Received 1874
Board of Revenue
MADRAS.

The subject which is one of great importance to the well-being of the District has of late received careful consideration, and matured proposals for dealing with it effectually will shortly be ready for submission to Government. The remittances connected with water supply for the two years were

1871-72 — Rupees 4,69,915
1872-73 — " 2,45,031

Vide No. d/22 Sept 73 No 2344

The particulars of remittances in 1871-72 have been the subject of enquiry by the several Collectors and District Engineers, and since that attention has been given to the matter remediable causes will be removed, but deficient as is a very large part of the irrigation upon raised tanks, even after all that is possible has been accomplished in rendering the irrigation works more efficient, the character of the season in regards to the total quantity of rainfall and the way in which the falls occur, will continue to exercise a predominant influence

on

As a consequence the remittances from Deficient [illegible] water supplies are generally very small and in several Districts they were only nominal. The Godavari District however suffered, more especially in the Delta, from floods the created means of drainage being altogether inadequate to carry off the accumulated waters of a very heavy rainfall in October, × 10.46 inches and a large extent of crop was consequently destroyed. A glance at the Atlas sheet 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 rivers 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 local and upland drainage

On

District	Total Land irrigated — Area	Total Land irrigated — Assessment	Establishment — Secretariat	Establishment — Account	Establishment — District Engineering	Establishment — Construction	Establishment — Contingencies	Establishment — Total	Works — Repairs	Total of columns 9 & 10	Public works charges — Per acre	Public works charges — Per cent on Revenue	Average assessment per acre — Govt lands	Average assessment per acre — Total area	Remarks
	1	2 acres	3 Rs	4 Rs	5 Rs	6 Rs	7 Rs	8 Rs	9 Rs	10 Rs	11 Rs	12 Rs	13 Rs	14 Rs	15 Rs	16.
Ganjam		184253	5,31284	384	412	806	6056	1230	8888	26620	35508	0.19	6.68	2.89	2.58	Column 14 = Col. 10 / Col. 6
Vizagapatam		55727	2,47892	258	277	342	4981	5228	6386	17870	24256	0.43	9.78	6.42	4.45	of Board of Revenue
Godavery		597767	23,41158	2550	2734	13214	20135	44395	80228	176563	256791	0.43	11.00	5.58	3.96	Returns
Kistna		246932	9,81588	1450	1555	7338	29490	24466	55299	100428	155727	0.63	15.87	4.70	3.97	Column 15 = Col. 16 / Col. 15
Nellore		230040	8,95428	852	913	1010	10643	4636	18054	58978	77032	0.33	8.61	4.48	3.89	of Board of Revenue
Cuddapah		138619	9,49220	290	311	656	6998		8255	20105	28360	0.20	2.98	7.24	6.85	area Returns
Kurnool		36217	2,22726	265	284	503	4840		5892	18332	24224	0.67	10.83	6.40	6.12	
Bellary		133178	7,60053	635	681	1816	13719		17881	43963	63844	0.47	8.36	5.69	5.65	
Residency		"		22	25	177	394	"	616	1491	2107	"	"	"	"	
Chingleput		372348	12,57521	967	1037	996	16511	2209	21720	66972	88692	0.24	7.08	3.82	3.38	
N. Arcot		237535	13,58282	1824	1955	442	24136	3957	32294	126286	158580	0.55	11.68	0.54	4.72	
S. Arcot		379786	17,65379	1717	1842	9202	16458	4040	33259	118926	152185	0.40	8.62	5.09	4.65	
Salem		111750	4,89447	1161	1245	2299	23206	"	27911	80403	108314	0.94	22.13	4.94	4.26	
Bangalore		"	"	"	"	"	"	"	"	"	"	"	"	"	"	
Tanjore		938302	36,41856	2153	2309	8455	29002	6887	48806	149133	197939	0.21	5.43	4.66	3.88	
Trichinopoly		231006	7,68972	931	999	925	14587	3290	18732	64500	83232	0.36	10.82	4.09	3.33	
Nilgherry		40	90	"	"	"	"	"	"	"	"	"	"	2.25	2.25	
Coimbatore		161932	591670	1021	1095	700	12741	"	15557	70737	86294	0.84	14.60	6.33	5.80	
Malabar		387426	11,62159	24	26	23	164	63	300	1648	1948	0.006	0.17	3.00	3.00	
South Canara		"	"	"	"	"	"	"	"	"	"	"	"	"	"	
Madura		169864	6,50552	540	579	3857	6947	192	12709	37402	49511	0.29	7.60	4.26	3.24	
Tinnevelly		192292	15,15906	1125	1207	1143	17868	1153	22496	77916	100412	0.52	6.62	9.03	7.88	
Total		4794014	20135083	18169	19484	56878	247906	94246	436683	1258273	1694956	0.35	841	4.84	4.20	

Return for the Districts under the Superintendence of the Executive Engineer, Kistna Division, for the year 1872-73.

Return for the Districts under the Superintendence of the Executive Engineer, Godavery Division, for the year 1872-73.

Return for the Districts under the Superintendence of the Executive Engineer, Pennar Division, for the year 1872-73.

Return for the Districts under the Superintendence of the Executive Engineer, Cauvery Division, for the year 1872-73.

Return for the Districts under the Superintendence of the Executive Engineer, Vellaur Division, for the year 1872-73.

Return for the Districts under the Superintendence of the Executive Engineer, Coleroon Division, for the year 1872-73.

Return for the Districts under the Superintendence of the Executive Engineer, Tanjore Division, for the year 1872-73.

Return for the Districts under the Superintendence of the Executive Engineer, Trichinopoly Division, for the year 1872-73.

Return for the Districts under the Superintendence of the Executive Engineer, Madura Division, for the year 1872-73.

Return for the Districts under the Superintendence of the Executive Engineer, Tinnevelly Division, for the year 1872-73.

Return for the Districts under the Superintendence of the Executive Engineer, Cuddapah Division, for the year 1872-73.

Return for the Districts under the Superintendence of the Executive Engineer, Nellore Division, for the year 1872-73.

Return for the Districts under the Superintendence of the Executive Engineer, Chingleput Division, for the year 1872-73.

Return for the Districts under the Superintendence of the Executive Engineer, North Arcot Division, for the year 1872-73.

Return for the Districts under the Superintendence of the Executive Engineer, South Arcot Division, for the year 1872-73.

Return for the Districts under the Superintendence of the Executive Engineer, Salem Division, for the year 1872-73.

Return for the Districts under the Superintendence of the Executive Engineer, Bangalore Division, for the year 1872-73.

Return for the Districts under the Superintendence of the Executive Engineer, Nilgherry Division, for the year 1872-73.

Return for the Districts under the Superintendence of the Executive Engineer, Coimbatore Division, for the year 1872-73.

Return for the Districts under the Superintendence of the Executive Engineer, Malabar Division, for the year 1872-73.

Return for the Districts under the Superintendence of the Executive Engineer, South Canara Division, for the year 1872-73.

Return for the Districts under the Superintendence of the Executive Engineer, Residency Division, for the year 1872-73.

Return for the Districts under the Superintendence of the Executive Engineer, Kurnool Division, for the year 1872-73.

Return for the Districts under the Superintendence of the Executive Engineer, Bellary Division, for the year 1872-73.

Return for the Districts under the Superintendence of the Executive Engineer, Kistna Division, for the year 1872-73.

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Return for the Districts under the Superintendence of the Executive Engineer, Coimbatore Division, for the year 1872-73.

Return for the Districts under the Superintendence of the Executive Engineer, Malabar Division, for the year 1872-73.

Return for the Districts under the Superintendence of the Executive Engineer, South Canara Division, for the year 1872-73.

4. The following abstract statement shows in a more succinct form the areas, Revenue, maintenance charges & balance of Revenue for the year

District	Govt lands Area	Govt lands Assessment	Total lands Area	Total lands Assessment	Maintenance charges	Balance of Revenue
1	2	3	4	5	6	7
Ganjam	183,809	530,790	184,253	531,284	35,508	495,776
Vizagapatam	38,558	247,741	55,727	247,892	24,256	223,636
Godavery	315,001	1,756,460	591,767	2,341,158	256,791	2,084,367
Kistna	188,212	844,856	246,932	981,588	155,727	825,861
Nellore	198,179	887,363	230,040	895,428	77,032	818,396
Cuddapah	128,577	931,730	138,619	949,220	28,360	920,860
Kurnool	32,978	21,155	36,217	222,726	24,224	198,502
Bellary	129,448	737,642	135,178	763,953	63,844	700,109
Presidency	"	"	"	"	2107	11,66,722
Chingleput	325,688	1,244,202	372,348	1,257,521	88,623	1,168,898
N. Arcot	243,745	1,333,781	287,535	1,358,282	158,580	1,199,702
S. Arcot	343,438	1,750,356	378,786	1,765,379	152,185	1,613,194
Salem	98,835	488,818	114,760	489,447	108,314	381,133
Bangalore	"	"	"	"	"	"
Tanjore	777,279	3,627,489	938,302	3,641,856	197,939	3,443,917
Trichinopoly	185,916	760,203	231,006	768,972	83,232	685,740
Madura	40	90	40	90	"	90
Coimbatore	92,942	588,169	101,932	599,670	84,294	505,376
Malabar	387,426	1,162,159	387,426	1,162,159	19,48	1,142,711
South Canara	"	"	"	"	"	"
Madura	151,183	644,835	169,864	650,552	19,511	601,041
Tinnevelly	167,206	1,515,305	192,292	1,515,906	100,412	1,415,494
Total	3,989,060	19,303,132	4,760,414	21,350,893	1,691,956	18,440,127
					1871-72	17,637,999

5 The Board of Revenue state that no information is available regarding private works on

13 the irrigated lands in Revenue & irrigated lands in South Canara.

Examined.
8 April 1876.

Wm Linderson Lt Col R.E.
Chief Engineer for Irrigation

To
The Secretary to Govt Pr. W.

Pub: Works 1874 Dept.
Irrigation
No: 2671.

From
The Chief Engineer
for Irrigation
To
The Secretary
to Govt P.W.D.

No 269 A.

Dated 8th April 1874.
Recd 14th April 1874.

62

G.O. No: 1350. 22-5-74.
Note re statement of actual return from Irrigated in each district of the Presidency for 1872-73

Printed

No 483 R

15 P.D.

Proceedings of the Madras Government
Read the following

From the Chief Engr for Irrign
(No. 269 A dated 8th April 1874

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 lacs, beyond those of 1871-72. In the earlier year the Public Works charges were,

Establishments — 361869
Outlay on Works 1122500
Rupees — 1484369

while in 1872-73 they amounted

amounted to

Establishments 4,36,182

On works 12,58,273

Rupees-16,94,456

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

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

There increased cost of E. & P.W. establishments shown is a net increase - one addl. Clerk - has been an increased charge in the C.P. Side Salem 30/-

India.-

My. 25/6/74. GMW

(Here enter Nr. dated

Copy of the above forwarded to the Government of India.

12

P.S.
P.C.

To The Revenue Deptt. ✓
" Chief Engr. for Irrigation ✓
" Controller of P.W.A. ✓
All Distt. Engineers Concerned (excepting S. Canara Bangalore & Kolar)
& Copies dee. to all 4/6/74.
Dee. 25 C. Copies to G of I. 4/6/74.

2071

Govt. of Madras.

PUBLIC WORKS.

To The Rev. Dept
Secy. to Govt. of Madras

Dated

Rec'd. Encl. 2.

G. O. 22nd May 1874. No. 1380 & 1381

Nos. 483-485.

Irrigation

Passing orders on ~~Statements~~ Note by the Chief Engr. for Secy. in letting Statements showing the actual return on Irrign. in each district the Madras residency for 1872-73

483-485