Public Works (1898) Department.

G.O., No. 449 ✓.

DATED 8 June 98

[Despatch Abstract]

Irrigation Account of Fasli 1306 (1896-97)

Board's review of the —— with note thereon by the Chief Engr: for Irrig: Com. communicated to the Officers concerned for information.

Indexed. 10/6.

BACK PAPERS.

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IRRIGATION.
ACCOUNT.

Government {1898} of Madras.

PUBLIC WORKS.

Recd. } 1898. *Enclosures*

Regd. *Spare copies*

G.O., No. 449 I., 8th June 1898.

JUNE.

Irrigation Accounts of Fasli 1306 (1896-97)

Board's review of the —, with note thereon by the Chief Engineer for Irrigation, communicated to the officers concerned for information.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Irrigation.
Account.

READ—the following papers :—

Proceedings of the Board of Revenue, (Revenue Settlement, Land Records and Agriculture), No. 604, dated 6th September 1897.

Resolution—No. 604, dated 6th September 1897.

The Board resolves to forward to the Examiner of Public Works Accounts a statement showing the financial results of irrigation for fasli 1306 (1896–97) for all the works under Classes I and II. Irrigation under the Periyár project in the Madura, Mélúr and Periyakulam taluks of the Madura district was charged for the first time in the year under review.

2. The following statement compares the actuals of revenue both direct and indirect for 1896–97 due to Productive Public Works (Class I) with the revised estimates for the year and the actuals for 1895–96. The figures are exclusive of the usual 5 per cent. deduction made for collection charges :—

Names of works.	Actuals, 1895–96.	Revised estimate, 1896–97.	Actuals, 1896–97.
	RS.	RS.	RS.
Gódávari anikat	23,48,473	24,32,000	25,66,859
Kistna do.	20,59,705	25,08,000	20,22,771
Cauvery do.	9,04,056	9,10,000	9,02,401
Pennéru do.	1,59,511	1,60,000	1,46,479
Srivaikuntam anikat	1,82,007	1,82,000	1,79,790
Barur tank project	75,566	1,03,000	1,01,549
Rushikulya do.	8,599	9,000	9,059
Periyár do.	35,864	58,000	59,794
	..	35,000	33,773

3. The actuals of 1896–97 show, as compared with the previous year, an increase under the Gódávari and Srívaikuntam anikats and the Barur and Rushikulya projects. The increase under the Gódávari anikat was chiefly under "dry converted into wet", "inams irrigated and charged" and "second crop". The increase would have been greater but for the fact that floods in the Gódávari river caused damage to the crops in several villages in the Narsapur, Amalápuram and Rámachandrapuram taluks and in the Cocanada division, and in consequence large remissions had to be granted amounting to Rs. 2,65,000, against Rs. 1,49,500 in the previous year. The increase under the Srívaikuntam anikat was due to the favourable character of the season as compared with the previous year when large remissions were granted on account of floods. The remissions granted during the year amounted to only Rs. 13,000 against about Rs. 35,000 in the previous year. The increase under the Rushikulya project

was due to the extension of irrigation during the year under review to 109 villages in the Berhampur and 65 villages in the Goomsur taluk. The increase under the Barur tank project was small. The decrease under the Cauvery anikat was due chiefly to the grant of remissions both in the Trichinopoly and Tanjore districts on account of floods in the Cauvery. The decrease under the Pennéru anikat was also due to the grant of remissions, owing to the unfavourable character of the season, amounting to Rs. 13,000, against Rs 4,000 in the previous year. The decrease under Sangam anikat was small and calls for no remark. The decrease in Kistna occurs chiefly under receipts under zamindari and inams and appears to be due to remissions granted during the year which amounted to Rs. 24,106 and Rs. 25,695, respectively, against Rs. 8,626 and Rs. 10,772 in the previous year. The Collector has been requested in Board's Proceedings, No. 6098, dated 4th August 1897, to ascertain and report the reason for the large remissions granted during the year.

4. Compared with the revised estimate, the actuals of 1896–97 exhibit a large decrease under the Kistna and Pennéru anikats and a large increase under the Gódávari anikat. The variations are due to the causes explained in the preceding paragraph.

5. The following statement shows the actuals of indirect revenue for 1895–96 and 1896–97 in comparison with the revised estimate thereof for the latter year :—

Names of works.	Actuals, 1895–96.	Revised estimate, 1896–97.	Actuals, 1896–97.
	RS.	RS.	RS.
Gódávari anikat	1,48,626	1,54,000	1,46,549
Kistna do.	1,46,816	1,90,000	1,40,858
Cauvery do.	1,09,650	1,11,000	1,11,331
Pennéru do.	21,058	21,000	20,523
Sangam do.	22,899	16,000	16,448
Srivaikuntam anikat	1,805	2,000	1,780
Barur tank project	30	..	3
Rushikulya do.	32	150	143
Periyár do.	..	..	419

(True Extract.)

(Signed) R. V. SRINIVASIAR,
Secretary.

APPENDIX.

STATEMENT showing the financial results of Irrigation under the following systems for Fasli 1306 (1896–97).

Systems.	Area irrigated.						Direct receipts (water-rate exclusive of remissions).					
	First crop.			Second crop.			Usual wet.	Dry converted into wet and dry crops watered.	Waste brought under irrigation.	Zamindari.	Inams.	
	Old irrigation.	New irrigation.	Total.	Old irrigation.	New irrigation.	Total.					Irrigated free of charge.	Irrigated and charged.
1	2	3	4	5	6	7	8	9	10	11	12	13
Class I.—Works.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	RS.	RS.	RS.	RS.	RS.	RS.
Gódávari anikat	151,451	450,847	602,298	294	137,257	137,551	1,16,193	9,07,724	3,27,921	1,88,751	31,420	6,62,835
Kistna do.	68,894	413,123	482,017	..	616	616	57,297	10,57,030	2,08,724	3,44,966	7,547	3,19,978
Cauvery do.	743,033	139,503	882,536	34,174	60,413	94,587	32,47,318	2,36,734	2,67,425	..	42,625	34,472
Pennéru do.	40,680	24,227	64,907	454	2,792	3,246	1,24,987	17,935	71,747	..	15,439	9,320
Sangam do.	55,166	17,510	72,676	578	6,532	7,110	2,07,891	12,870	51,830	..	9,559	5,614
Srívaikuntam do.	14,138	7,374	21,512	5,942	12,693	18,635	87,741	23,058	6,697	2,671	1,466	1,708
Barur tank project	1,486	1,123	2,609	478	1,353	1,831	4,416	4,433	6	56	145	312
Rushikulya do.	31,476	31,425	62,901	..	426	426	34,006	23,049	2,142	20,068	4,124	23,838
Periyár do.	50,106	1,217	51,323	7,203	5,225	12,428	2,21,513	5,865	328	119	2,285	2,220
Class II.—Works.												
Chembrambakam tank	11,558	1,479	13,037	1,046	1,154	2,200	33,967	2,754	1,990	..	854	718
Madras water-supply and irrigation extension project	5,534	1,868	7,402	792	1,549	2,341	10,737	3,361	1,193	30	1,573	37
Pálár anikat	49,266	21,070	70,336	15,349	8,042	23,391	1,22,298	21,174	39,368	..	6,950	744
Pelandorai anikat	2,075	7,148	9,223	76	92	168	5,461	25,812	160	..	224	1,941
Cumbum tank	4,787	746	5,533	2,586	..	2,586	19,483	890	2,496	..	4,943	326
Tadapalli channel	10,044	4,486	14,530	178	223	401	75,414	13,213	11,892	..	1,435	813
Arakankottai channel	2,631	1,452	4,083	7	36	43	18,786	6,221	1,617	..	364	261
Kalingaroyan anikat	8,239	3,033	11,272	8,202	2,042	10,244	53,246	6,310	2,076	..	3,461	2,974
Vallur do.	3,904	1,245	5,149	10	84	94	3,242	808	1,675	..	1,850	278
Cheyáru do.	15,871	6,233	22,104	1,709	13,189	14,898	44,552	11,263	7,838	..	4,095	771
Poiney do.	14,080	5,823	19,903	2,394	1,411	3,805	43,691	6,524	12,541	..	1,373	229
Lower Coleroon do.	44,318	62,676	106,994	114	1,778	1,892	1,46,902	1,35,308	84,651	..	5,191	4,102
Shatiatope do.	7,346	22,500	29,846	14	3,336	3,350	20,209	51,777	26,930	..	898	926
Vriddhachalam do.	2,280	3,877	6,157	..	225	225	8,316	14,673	379	..	86	199
Mehmattur do.	459	3,031	3,490	..	59	59	2,088	11,754	22	..	8	1,027
Tirukkóyilúr do.	16,093	6,800	22,893	14	2,344	2,358	58,742	16,196	7,145	..	954	1,033
Marudur do.	16,880	587	17,467	466	15,975	16,441	1,12,069	1,738	1,001	..	2,823	..
Ganjám minor rivers system	46,308	6,926	53,234	..	10,767	10,767	68,975	6,224	7,007	187	14,325	807
Nandiyar	4,054	..	4,054	1,058	396	1,454	9,327	819	13	..	32	2,191

Statement showing the financial results of Irrigation under the following systems for fasli 1306 (1896–97)—*cont.*

Systems.	Direct receipts (water-rate exclusive of remissions)—*cont.*					Indirect receipts.					Total of columns 18 and 23.
	Second crop.	Miscellaneous.	Total irrigation revenue.	Deduct portion due to old irrigation.	Increase of revenue due to the outlay incurred.	Increment of land assessment due to irrigation.	Land assessment of waste land brought under irrigation.	Land revenue of miscellaneous items.	Four per cent. of the amount realized by sale of tank-bed lands.	Total.	
	14	15	16	17	18	19	20	21	22	23	24
Class I.—Works.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Gódávari anikat	4,35,366	9,198	26,79,408	1,24,000	25,55,408	..	1,44,056	2,105	388	1,46,549	27,01,957
Kistna do.	2,221	61,612	20,59,375	71,000	19,88,375	46,115	74,988	18,202	2,453	1,40,858	21,29,233
Cauvery do.	3,27,695	21,424	41,77,693	33,39,128	8,38,565	..	1,03,885	7,446	..	1,11,331	9,49,896
Pennéru do.	8,002	3,235	2,50,665	1,17,000	1,33,665	..	19,594	923	6	20,523	1,54,188
Sangam do.	21,751	2,290	3,11,805	1,39,000	1,72,805	..	15,602	391	455	16,448	1,89,253
Srívaikuntam do.	60,461	312	1,84,114	79,000	1,05,114	..	1,734	46	..	1,780	1,06,894
Barur tank Project	2,144	21	11,533	2,000	9,533	..	2	1	..	3	9,536
Rushikulya do.	414	465	1,08,106	45,308	62,798	..	115	28	..	143	62,941
Periyár do.	32,530	1,620	2,66,480	2,31,348	35,132	..	93	326	..	419	35,551
Class II.—Works.											
Chembrambakam tank	5,570	22	45,875	16,000	29,875	..	830	42	..	872	30,747
Madras water-supply and irrigation extension project	3,835	35	20,798	11,000	9,798	..	436	7	..	443	10,241
Pálár anikat	47,348	1,022	2,37,904	1,25,000	1,12,904	..	16,043	259	..	16,302	1,29,206
Pelandorai anikat	509	95	34,202	3,000	31,202	..	78	66	..	144	31,346
Cumbum tank	4,912	142	33,192	30,048	3,144	..	554	31	..	585	3,729
Tadapalli channel	1,360	44	1,04,171	76,710	27,461	..	2,608	30	..	2,638	30,099
Arakankottai channel	137	23	27,409	19,021	8,388	..	343	19	..	362	8,750
Kalingaroyan anikat	36,188	748	1,05,003	84,932	20,071	..	383	33	..	416	20,487
Vallur do.	187	243	8,283	5,092	3,191	..	909	156	..	1,065	4,256
Cheyáru do.	22,179	291	90,989	44,325	46,664	..	3,358	96	..	3,454	50,118
Poiney do.	9,552	195	74,105	38,160	35,945	..	4,873	44	..	4,917	40,862
Lower Coleroon do.	5,578	1,332	3,83,064	1,52,093	2,30,971	..	53,245	458	..	53,703	2,84,674
Shatiatope do.	9,993	1,008	1,11,741	21,107	90,634	..	15,064	532	..	15,596	1,06,230
Vriddhachalam do.	699	64	24,416	8,402	16,014	..	157	16	..	173	16,187
Mehmattur do.	210	32	15,141	2,096	13,045	..	11	18	..	29	13,074
Tirukkóyilúr do.	7,251	196	91,517	59,696	31,821	..	3,109	93	..	3,202	35,023
Marudur do.	68,322	159	1,86,112	1,14,892	71,220	..	191	27	..	218	71,438
Ganjám minor rivers system	20,197	304	1,18,026	83,822	34,204	..	6,004	594	..	6,598	40,802
Nandiyar	3,149	30	15,561	16,500	— 939	..	6	..	..	6	— 933

Memorandum of the Revenue Settlement, Land Records and Agriculture, dated 4th August 1897, Mis. No. 6098.

Compared with the figures for the previous fasli, the financial results of irrigation under the Kistna anikat for fasli 1306 show a decrease of Rs. 41,000 in round numbers. The decrease occurs chiefly under 'receipts,' under 'zemindari' and 'inams' and appears to be due to remissions granted during the year which amounted to Rs. 24,106 and Rs. 25,695, respectively, against Rs. 8,626 and Rs. 10,772 in the previous year. The Collector of Kistna is requested to ascertain and report, at a very early date, the reason for the large remissions granted during the year. The remissions granted in the Government villages amounted to only Rs. 92,873 against Rs. 1,39,507 granted during the previous year.

(Signed) R. V. SRINIVASIAR,
Secretary.

Proceedings of the Board of Revenue (Revenue Settlement, Land Records and Agriculture), Mis. No. 9331, dated 20th November 1897.

Read—the following letter from the Collector of Kistna, dated 10th November 1897, Dis. No. 1811/General:—

Adverting to Board's memorandum, dated the 4th August 1897, Mis. No. 6098, I have the honour to report that the decrease in the irrigation revenue is mainly attributed to the large remissions that had to be granted owing to the loss of crop on account of the unusually heavy Kistna floods of last year.

2. The taluks that suffered most are Tenali, Nuzwid, Bezwada and Bandur and the remissions granted in zemindaris and inams are consequently heavy.

3. The remissions granted in Government villages in these taluks were also heavy, but they are more than counterbalanced by the large remissions granted in the Gudivada taluk in fasli 1305 owing to Budameru floods.

Resolution.—Mis. No. 9331, dated 20th November 1897.

Communicated to the Examiner of Public Works Accounts with reference to the concluding sentence of paragraph 3 of Board's Proceedings, No. 604, dated 6th September 1897.

(True Copy and Extract.)

(Signed) R. V. SRINIVASIAR,
Secretary.

Read—the following Proceedings of the Board of Revenue (Revenue Settlement, Land Records and Agriculture), No. 133, dated 24th March 1898:—

READ—again the following Proceedings of the Board of Revenue (R.S., L.R. and Agri.), Mis. No. 7547, dated 13th September 1897:—

Read—the following letter from W. HUGHES, Esq., B.A., Chief Engineer for Irrigation, to the Secretary to the Board of Revenue (R.S., L.R. and Agri.), dated Madras, 3rd September 1897, No. 291-M.:—

I have the honour to request that you will be so good as to inform me, at your earliest convenience, when the statements marginally noted may be expected to reach this office, as they are required for the Administration Report of the P.W.D., Irrigation Branch, for 1896–97, now under preparation.

(1) Revenue accounts for 1896–97 of the irrigation works of this Presidency.
(2) Crop statement for 1896–97.
(3) Statement of water-rates in force.
(4) Statement of incidence of water-rates under classes I and II works for 1896–97.

2. If revenue information for classes I and II works are available, it may be furnished in advance.

Resolution—Mis. No. 7547, dated 13th September 1897.

The Chief Engineer for Irrigation will be informed that the irrigation accounts relating to the IV class works are still due from several taluks of the Anantapur, Kurnool and Cuddapah districts and from the Palkonda and Perambalur taluks of the Vizagapatam and Trichinopoly districts and reminders have been sent to the officers concerned. In these circumstances, the Board is unable to say when the consolidated accounts can be forwarded. If the receipt of the accounts from one or more districts is delayed beyond the 1st proximo, the accounts for the remaining districts will be tabulated and forwarded by that date, supplemental statements being sent later on for the districts for which the accounts may then be incomplete. The revenue information for classes I and II works will be forwarded to the Chief Engineer by the end of the next week.

(True Copy and Extract.)

(Signed) R. V. SRINIVASIAR,
Secretary.

To the Chief Engineer for Irrigation.

READ—again the following Proceedings of the Board of Revenue (R.S., L.R. and Agri.), Mis. No. 7882, dated 24th September 1897:—

Resolution—Mis. No. 7882, dated 24th September 1897.

Adverting to its Proceedings, No. 7547, dated 13th instant, the Board resolves to forward to the Chief Engineer for Irrigation the statements noted below, relating to irrigation accounts for fasli 1306:—

(1) Statement showing the total area occupied, the area actually irrigated or charged as irrigated and the revenue derived for fasli 1306 (1896–97) under I, II and III class works in comparison with the previous year.
(2) Abstract statement of the extent of irrigation and the revenue derived from irrigation works, classes I, II and III, for the fasli year 1306 (1896–97).
(3) Statement showing the incidence of water-rate under classes I and II works for fasli 1306 (1896–97).
(4) Statement showing the water-rates per acre which were in force under classes I and II works in the Madras Presidency during the year ending 30th June 1897.

The statistics relating to irrigation under the Kurnool-Cuddapah canal and IV class works have not been embodied in the statements (1) and (2) noted above as the accounts relating to several taluks of Kurnool, Cuddapah and Anantapur districts and the Palkonda taluk of the Vizagapatam district are still due. The statement showing total area actually irrigated by flow or lift under classes I and II works and the value of crops raised thereon during 1896–97 will be forwarded on receipt of further information called for from the Tahsildar of Madura regarding the value of "other crops" raised in the Periyar affected villages of the taluk. The statements relating to the Kurnool-Cuddapah canal (*vide* Appendices III, VII and VIII to B.P., No. 267, dated 8th October 1896) will be forwarded on their receipt from the Collectors concerned to whom reminders have been sent.

(True Copy and Extract.)

(Signed) R. V. SRINIVASIAR,
Secretary.

To the Chief Engineer for Irrigation, with four statements.

Read—again Proceedings of the Board of Revenue (R.S., L.R. and Agri.), Mis. No. 8628, dated 22nd October 1897.

Abstract.—Informing the Chief Engineer for Irrigation that the delay in the transmission of certain statements relating to irrigation accounts is due to non-receipt of complete information from some districts.

Read—again Proceedings of the Board of Revenue (R.S., L.R. and Agri.), Mis. No. 8962, dated 6th November 1897.

Abstract.—Recording telegram from the Collector of Kurnool informing that the canal statistics may be expected in the Board's office on the 15th instant.

Read—again the following Proceedings of the Board of Revenue (R.S., L.R. and Agri.), Mis. No. 9508, dated 25th November 1897 :—

Read—letter from Collector of Cuddapah, dated 30th Sept. 1897, Dis. No. 5599-Rev.

Read—letter from Collector of Cuddapah, dated 8th Oct. 1897, Dis. No. 5726-Rev.

Read—letter from Collector of Cuddapah, dated 9th Oct. 1897, Dis. No. 5762-Rev.

Read—letter from Collector of Cuddapah, dated 11th Oct. 1897, Dis. No. 5771-Rev.

Read—the following letter from W. HUGHES, Esq., B.A., Chief Engineer for Irrigation, to the Secretary to the Board of Revenue (R.S., L.R. and Agri.), dated Madras, 10th November 1897, No. 383-M. :—

In acknowledging the receipt of Proceedings of the Board of Revenue, Mis. No. 8628, dated 22nd October 1897, I have the honour to inform you that the delay in the transmission of the statements referred to is seriously delaying the completion of the Administration Report of the Irrigation Branch, P.W.D., for 1896–97, which is due with the Government of India on the 30th instant. I request, therefore, that you will be so good as to arrange to furnish this office with the statements required at an early date.

Read—the following letter from W. HUGHES, Esq., B.A., Chief Engineer for Irrigation, to the Secretary to the Board of Revenue (R.S., L.R. and Agri.), dated Madras, 23rd November 1897, No. 398-M. :—

With reference to Proceedings, Board of Revenue, Mis. No. 8628, dated 22nd October 1897, I have the honour to request that you will be so good as to inform me when the statements referred to in my letter No. 335-M., dated 11th October 1897,

may be expected in this office. From Board's Proceedings, Mis. No. 8962, dated 6th November 1897, it is presumed that the statistics for the Kurnool-Cuddapah canal are now available in the Board's office.

2. This information is needed in view to the despatch of an advance copy of the Irrigation Administration Report which is urgently wanted by the compiler of the Presidency Administration Report.

Resolution—Mis. No. 9508, dated 25th November 1897.

The Board resolves to forward, in continuation of its Proceedings, No. 7882, dated 24th September 1897, the following statements relating to irrigation accounts for fasli 1306 :—

No. I.—Statement showing the total area occupied, the area actually irrigated or charged as irrigated and the revenue derived for fasli 1306 (for class IV works) corresponding to Appendix I of B.P., No. 267, dated 8th October 1896.

No. II.—Abstract statement of the extent of irrigation and revenue derived from irrigation works for fasli 1306 (for the Cuddapah portion of the Kurnool-Cuddapah canal and class IV works) corresponding to Appendix II of B.P., No. 267, dated 8th October 1896.

No. III.—Comparative statement of the area irrigated and the revenue derived under the Kurnool-Cuddapah canal in the Cuddapah district corresponding to Appendix III to B.P., No. 267, dated 8th October 1896.

No. IV.—Statement showing the total area actually irrigated by flow and lift under classes I and II works (except under the Kurnool-Cuddapah canal) and the value of crops raised thereon during 1896–97 corresponding to Appendix IV of B.P., No. 267, dated 8th October 1896.

No. V.—Statement showing the incidence of water-rate under the Cuddapah portion of the Kurnool-Cuddapah canal for fasli 1306 (Appendix V of B.P., No. 267, dated 8th October 1896).

No. VI.—Demand, collection and balance statement relating to the Cuddapah portion of the Kurnool-Cuddapah canal for fasli 1306 corresponding to Appendix VII to B.P., No. 267, dated 8th October 1896.

No. VII.—Statement showing particulars of cultivation, revenue, demand and remission in the Cuddapah district under the Kurnool-Cuddapah canal corresponding to Appendix VIII of B.P., No. 267, dated 8th October 1896.

Statements Nos. I and II are incomplete, in that they do not include statistics relating to the Anantapur district. The information furnished in the statements corresponding to Appendices III, VII and VIII of B.P., No. 267, dated 8th October 1896, relates only to the Cuddapah district, statements relating to the Kurnool district not having been yet received. The statistics furnished in the statement showing the total area actually irrigated by flow or lift under classes I and II works (statement marked No. IV above) are also incomplete, in that they do not include information for Kurnool-Cuddapah canal. Supplemental statements will be forwarded on receipt of complete information from the Collectors of Anantapur and Kurnool.

(True Copy and Extract.)

(Signed) R. V. SRINIVASIAR,
Secretary.

To the Chief Engineer for Irrigation, with seven statements.
" Collector of Anantapur.
" of Kurnool.

Read—again the following Proceedings of the Board of Revenue (R.S., L.R. and Agri.), Mis. No. 9710, dated 3rd December 1897 :—

Read—statement from Acting Collector of Kurnool, dated 25th November 1897, Dis. No. 3564-Genl.

READ—again Proceedings of the Board of Revenue (R.S., L.R. and Agri.), Mis. No. 8628, dated 22nd October 1897.

ABSTRACT.—Informing the Chief Engineer for Irrigation that the delay in the transmission of certain statements relating to irrigation accounts is due to non-receipt of complete information from some districts.

READ—again Proceedings of the Board of Revenue (R.S., L.R. and Agri.), Mis. No. 8962, dated 6th November 1897.

ABSTRACT.—Recording telegram from the Collector of Kurnool informing that the canal statistics may be expected in the Board's office on the 15th instant.

READ—again the following Proceedings of the Board of Revenue (R.S., L.R. and Agri.), Mis. No. 9508, dated 25th November 1897 :—

Read—letter from Collector of Cuddapah, dated 30th Sept. 1897, Dis. No. 5599-Rev.

Read—letter from Collector of Cuddapah, dated 8th Oct. 1897, Dis. No. 5726-Rev.

Read—letter from Collector of Cuddapah, dated 9th Oct. 1897, Dis. No. 5762-Rev.

Read—letter from Collector of Cuddapah, dated 11th Oct. 1897, Dis. No. 5771-Rev.

Read—the following letter from W. HUGHES, Esq., B.A., Chief Engineer for Irrigation, to the Secretary to the Board of Revenue (R.S., L.R. and Agri.), dated Madras, 10th November 1897, No. 383-M. :—

In acknowledging the receipt of Proceedings of the Board of Revenue, Mis. No. 8628, dated 22nd October 1897, I have the honour to inform you that the delay in the transmission of the statements referred to is seriously delaying the completion of the Administration Report of the Irrigation Branch, P.W.D., for 1896–97, which is due with the Government of India on the 30th instant. I request, therefore, that you will be so good as to arrange to furnish this office with the statements required at an early date.

Read—the following letter from W. HUGHES, Esq., B.A., Chief Engineer for Irrigation, to the Secretary to the Board of Revenue (R.S., L.R. and Agri.), dated Madras, 23rd November 1897, No. 398-M. :—

With reference to Proceedings, Board of Revenue, Mis. No. 8628, dated 22nd October 1897, I have the honour to request that you will be so good as to inform me when the statements referred to in my letter No. 335-M., dated 11th October 1897,

may be expected in this office. From Board's Proceedings, Mis. No. 8962, dated 6th November 1897, it is presumed that the statistics for the Kurnool-Cuddapah canal are now available in the Board's office.

2. This information is needed in view to the despatch of an advance copy of the Irrigation Administration Report which is urgently wanted by the compiler of the Presidency Administration Report.

Resolution—Mis. No. 9508, dated 25th November 1897.

The Board resolves to forward, in continuation of its Proceedings, No. 7882, dated 24th September 1897, the following statements relating to irrigation accounts for fasli 1306 :—

No. I.—Statement showing the total area occupied, the area actually irrigated or charged as irrigated and the revenue derived for fasli 1306 (for class IV works) corresponding to Appendix I of B.P., No. 267, dated 8th October 1896.

No. II.—Abstract statement of the extent of irrigation and revenue derived from irrigation works for fasli 1306 (for the Cuddapah portion of the Kurnool-Cuddapah canal and class IV works) corresponding to Appendix II of B.P., No. 267, dated 8th October 1896.

No. III.—Comparative statement of the area irrigated and the revenue derived under the Kurnool-Cuddapah canal in the Cuddapah district corresponding to Appendix III to B.P., No. 267, dated 8th October 1896.

No. IV.—Statement showing the total area actually irrigated by flow and lift under classes I and II works (except under the Kurnool-Cuddapah canal) and the value of crops raised thereon during 1896–97 corresponding to Appendix IV of B.P., No. 267, dated 8th October 1896.

No. V.—Statement showing the incidence of water-rate under the Cuddapah portion of the Kurnool-Cuddapah canal for fasli 1306 (Appendix V of B.P., No. 267, dated 8th October 1896).

No. VI.—Demand, collection and balance statement relating to the Cuddapah portion of the Kurnool-Cuddapah canal for fasli 1306 corresponding to Appendix VII to B.P., No. 267, dated 8th October 1896.

No. VII.—Statement showing particulars of cultivation, revenue, demand and remission in the Cuddapah district under the Kurnool-Cuddapah canal corresponding to Appendix VIII of B.P., No. 267, dated 8th October 1896.

Statements Nos. I and II are incomplete, in that they do not include statistics relating to the Anantapur district. The information furnished in the statements corresponding to Appendices III, VII and VIII of B.P., No. 267, dated 8th October 1896, relates only to the Cuddapah district, statements relating to the Kurnool district not having been yet received. The statistics furnished in the statement showing the total area actually irrigated by flow or lift under classes I and II works (statement marked No. IV above) are also incomplete, in that they do not include information for Kurnool-Cuddapah canal. Supplemental statements will be forwarded on receipt of complete information from the Collectors of Anantapur and Kurnool.

(True Copy and Extract.)

(Signed) R. V. SRINIVASIAR,
Secretary.

To the Chief Engineer for Irrigation, with seven statements.
" Collector of Anantapur.
" of Kurnool.

READ—again the following Proceedings of the Board of Revenue (R.S., L.R. and Agri.), Mis. No. 9710, dated 3rd December 1897 :—

Read—statement from Acting Collector of Kurnool, dated 25th November 1897, Dis. No. 3564-Genl.

Read—statement from Acting Collector of Kurnool, dated 25th November 1897, Dis. No. 3565-Genl.

Read—statement from Acting Collector of Kurnool, dated 25th November 1897, Dis. No. 3566-Genl.

Read—statement from Acting Collector of Kurnool, dated 26th November 1897, Dis. No. 3599-Genl.

Read—statement from Acting Collector of Kurnool, dated 30th November 1897, Dis. No. 3619-Genl.

Resolution—Mis. No. 9710, dated 3rd December 1897.

The Board resolves to forward to the Chief Engineer for Irrigation, in continuation of B.P., Mis. No. 9508, dated 25th November 1897, the following statements relating to irrigation accounts for fasli 1306 :—

(1) Abstract statement showing the extent of irrigation and the revenue derived from the Kurnool-Cuddapah canal.

(2) Comparative statement of the area irrigated and the revenue derived in each taluk under the Kurnool-Cuddapah canal for fasli 1305 (1895–96) and fasli 1306 (1896–97).

(3) Statement showing the total area actually irrigated by flow or lift under the Kurnool-Cuddapah Canal and the quantity and the value of the crops raised thereon during 1896–97.

(4) Statement showing the incidence of water-rate under the Kurnool-Cuddapah canal for fasli 1306 (1896–97).

(5) Abstract statement showing the demand, collection and balance under the Kurnool-Cuddapah Canal for the official year 1896–97.

(6) Statement showing the particulars of cultivation, revenue, demand and remission under the Kurnool-Cuddapah canal in the district of Kurnool for fasli 1306.

2. The "demand" entered in the "statement showing the area irrigated, etc., under the Kurnool-Cuddapah canal in the Kurnool district" differs from that entered in the "statement showing the demand, collection and balance" as shown in the margin. The amount shown in the former statement includes Rs. 3,500, being the value of water supplied to the Kurnool municipality. Excluding this amount, there is a difference of Rupees 127–10–3 between the two figures, which the Collector is requested to explain.

	Rs.	A.	P.
As per statement showing area irrigated, etc. ...	1,16,114	3	10
As per demand, collection and balance statement ...	1,12,741	14	1
	3,372	5	9

	Rs.	A.	P.
Assessment on A and B class lands	258	5	8
Penalty	3,584	15	0
Canal water supplied to eight indigo vats	8	12	0
Canal water supplied to tanks.	4,551	15	8
Total ...	8,404	0	4

3. The Collector is also requested to furnish the Board with details for each taluk for the marginally-noted items included in the demand of Rupees 1,16,114–3–10 for the fasli year 1306.

(True Copy and Extract.)

(Signed) R. V. SRINIVASIAR,
Secretary.

To the Chief Engineer for Irrigation, with six statements.
" the Collector of Kurnool.

READ—again the following Proceedings of the Board of Revenue (R.S., L.R. and Agri.), Mis. No. 10050, dated 18th December 1897 :—

Read—the following letter from E. A. ELWIN, Esq., Acting Collector of Kurnool to the Secretary to the Commissioner of Revenue Settlement, Land Records and Agriculture, dated 9th December 1897, Dis. No. 3739-Genl. :—

In continuation of this office Disposal No. 3565, dated 25th November 1897, I have the honour to request that Rs. 366–4–11, being the amount of tank storage in Sirvel taluk, be added to the amount of Rs. 1,16,114–3–10 both in A and E returns as that amount is now reported to have not been included.

Read—the following letter from E. A. ELWIN, Esq., Acting Collector of Kurnool, to the Secretary to the Commissioner of Revenue Settlement, Land Records and Agriculture, dated 11th December 1897, Dis. No. 3772-Genl. :—

Adverting to paragraph 2 of B.P., Mis. No. 9710, dated 3rd December 1897, I have the honour to state that the difference of Rs. 127–10–3 is due to the amount of dry remissions granted on A and B class lands in Nandikotkur taluk having been by mistake included in the demand. A revised statement is herewith submitted.

2. The talukwar details called for in paragraph 3 is given below :—

Taluks.	Assessment on A and B class lands.	Penalty.	Canal water supplied to indigo vats.	Canal water supplied to tanks.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
1. Ramallakot	58 0 5	95 8 9	....	....
2. Nandikotkur	192 3 1	1,058 4 4	3 4 0	....
3. Nandyal	1 10 8	1,245 8 1	5 8 0	4,551 15 8
4. Koilkuntla	0 4 10	0 4 10	....	....
5. Sirvel	6 2 8	1,185 5 0	....	* 366 4 11
Total ..	258 5 8	3,584 15 0	8 12 0	4,918 4 7

* *Vide* this office Dis. No. 3739-Genl., dated 9th December 1897.

Resolution—Mis. No. 10050, dated 18th December 1897.

In consequence of revised figures and additional information furnished by the Collector of Kurnool in his letters read above with reference to paragraphs 2 and 3 of B.P., No. 9710, dated 3rd December 1897, the Board resolves to forward to the Chief Engineer for irrigation the revised statements noted below relating to irrigation accounts for fasli 1306 :—

(1) Abstract statement showing the extent of irrigation and the revenue derived from the Kurnool-Cuddapah canal.

(2) Comparative statement of area irrigated and the revenue derived in each taluk under the Kurnool-Cuddapah canal for fasli 1305 (1895–96) and 1306 (1896–97).

(3) Abstract statement showing the demand, collection and balance under the Kurnool-Cuddapah canal for the official year 1896–97.
(4) Statement showing the particulars of cultivation, revenue, demand and remission under the Kurnool-Cuddapah canal in the district of Kurnool for fasli 1306.

(True Copy and Extract.)

(Signed) R. V. SRINIVASIAR,
Secretary.

To the Chief Engineer for Irrigation, with four statements.

Resolution—No. 133, dated 24th March 1898.

The Board resolves to submit to Government its review of the results of irrigation under the different classes of works I to IV during fasli 1306 (1896–97), with the usual statements. The delay is due to the very late dates at which the returns were received from the Anantapur district. Information in a complete form was received from this district only on the 16th instant. The statements compiled from the returns received from the other districts were forwarded to the Chief Engineer for Irrigation from time to time with the Proceedings read above.

2. The following comparative statement shows the area occupied for irrigation, the area actually irrigated or charged as irrigated and the revenue derived under all classes of works during 1895–96 and 1896–97 :—

Items.	Area occupied.		Area actually irrigated or charged as such.		Total land and irrigation revenue.	Share due § to irrigation.	Deduct remissions.	Net revenue due to irrigation.
	First crop.	Second crop.	First crop.	Second crop.				
Class I Works.	acs.	acs.	acs.	acs.	rs.	rs.	rs.	rs.
1895–96	2,186,744	248,811	2,127,672	245,515	1,25,39,053	98,96,513	3,64,401	95,32,112
1896–97	2,313,704	280,146	2,242,779	276,430	1,33,24,215	1,05,24,932	4,76,753	1,00,49,179
Difference ..	+ 126,960	+ 31,335	+ 115,107	+ 30,915	+ 7,85,162	+ 6,28,419	+ 1,11,352	+ 5,17,067
Class II Works.								
1895–96	436,545	102,861	433,239	100,988	24,79,062	17,89,990	32,260	17,57,730
1896–97	436,995	100,542	426,707	96,717	24,80,673	17,88,307	60,798	17,27,509
Difference ..	+ 450	— 2,319	— 6,532	— 4,271	+ 1,611	— 1,683	+ 28,538	— 30,221
Class III Works.								
1895–96	102,081	74,854	102,053	74,849	8,35,788	7,04,852	4,914	6,99,938
1896–97 . ..	101,589	74,054	94,561	69,451	8,36,244	7,05,297	53,239	6,52,058
Difference ..	— 492	— 800	— 7,492	— 5,398	+ 456	+ 445	+ 48,325	— 47,880
Class IV Works.								
1895–96	2,501,176	786,785	2,436,882	778,381	1,16,28,704	88,14,362	3,49,885	84,64,477
1896–97	2,407,326	684,380	2,134,971	653,403	1,10,18,695	82,87,610	13,27,530	69,60,080
Difference ..	— 93,850	— 102,405	— 301,911	— 124,978	— 6,10,009	— 5,26,752	+ 9,77,645	— 15,04,397
Total.								
1895–96	5,226,546	1,213,311	5,099,846	1,199,733	2,74,82,607	2,12,05,717	7,51,460	2,04,54,257
1896–97	5,259,614	1,139,122	4,899,018	1,096,001	2,76,59,827	2,13,06,146	19,17,320	1,93,88,826
Difference ..	+ 33,068	— 74,189	— 200,828	— 103,732	+ 1,77,220	+ 1,00,429	+ 11,65,860	— 10,65,431

3. Taking all classes of works together, there was an increase compared with 1895–96 of 33,068 acres in the area occupied under first crop, being the net result of an increase of 127,410 acres under classes I and II works and a decrease of 94,342 acres under other classes. Under second crop, there was a decrease of 74,189 acres, being the net result of an increase of 31,335 acres under class I works and a decrease of 105,524 acres under classes II to IV. The area charged as irrigated under first and second crops was less than in the previous year by acres 200,828 and 103,732

respectively. The decrease under both these heads would have been much greater but for an increase of 115,107 acres of first crop and 30,915 acres of second crop under class I works due chiefly to the charge made for the first time during the year for irrigation under the Periyar Project and to an extension of irrigation under the Rushikulya Project to 109 villages in the Berhampur and 65 villages in the Goomsur taluk. The total revenue on irrigated lands amounted to Rs. 276·59 lakhs, of which the share due to irrigation was Rs. 213·06 lakhs or 77 per cent. Deducting 19·17 lakhs remitted during the year against 7·51 lakhs in 1895–96, the net revenue to be credited to the works amounted to Rs. 193·89 against 204·54 lakhs in the previous year.

*	Rs.
Gódávari anikat	2,31,951
Sangam do.	4,118
Srivaikuntam anikat ...	27,376
Barur tank project	511
Rushikulya do.	44,571
Periyar do.	2,66,480
Total ...	5,75,007

† *Decrease.*	Rs.
Palar anikat	28,397
Cumbum tank	7,640
Kalingaroyan channel ...	101
Vallur anikat	141
Poiney do.	7,347
Lower Coleroon anikat ...	5,765
Tirukoyilur anikat	326
Ganjam minor rivers system ...	3,361
Total ...	53,078

‡ *Increase.*	Rs.	Per. centage.
Pelandorai anikat ...	1,451	6·3
Chembrambakam tank ...	9,907	43·3
Madras water-supply and irrigation extension project	268	1·2
Tadepalli channel ...	1,313	5·8
Arakkankottai channel ...	20	0·1
Cheyyaru anikat	287	1·3
Shatyatope do.	1,275	5·6
Vriddachalam anikat ...	922	4·0
Mehmattur anikat ...	333	1·5
Marudur anikat	7,049	30·8
Nandyar channel ...	32	0·1
Total ...	22,857	100·0

§ *Decrease.*	Rs.
Ganjám	1,68,907
Vizagapatam	1,31,148
Gódávari	1,44,398
Kistna	72,189
Cuddapah	2,83,766
Anantapur	2,17,813
Bellary	59,301
Kurnool	94,102
Chingleput	27,042
North Arcot	88,470
South do	50,263
Trichinopoly	14,686
Madura	2,07,914
Coimbatore	1,059
Salem	39,960
Total ...	16,01,018

4. As compared with the previous year (1895–96), there was an increase of Rs. 5,17,067 under class I works, which is the net result of a gross increase of Rs. 5,75,007 * in the revenue due to irrigation under the systems noted in the margin, and a gross decrease of Rs. 57,940 under the Kistna, Cauvery and Pennér anikats. The variations have been explained in paragraph 3 of B.P., No. 604, dated 6th September 1897, except in the case of the Sangam anikat in which the increase was due to the unfavourable character of the season. Under class II works, there was a net decrease of Rs. 30,221 in the revenue due to irrigation which is the net result of a gross decrease of Rs. 53,078† under the marginally-noted systems, and of a gross increase of Rs. 22,857 ‡ under the other works. The bulk of the decrease (Rs. 28,397) occurred under the Palar anikat. Under class III works, there was a decrease of Rs. 47,880, being the net result of an increase of Rs. 2,388 in the Chingleput, South Arcot and Tinnevelly districts and a decrease of Rs. 50,268 in the other districts. The bulk of the decrease (Rs. 47,404) occurred in Vizagapatam, an affected district where remissions amounting to Rs. 45,687 were granted during the year under report against only Rs. 392 in the previous year. Under class IV works, there was a decrease in all the districts except Nellore, Tanjore and Tinnevelly as shown in the margin §. The increase in these three districts amounted to Rs. 96,621. The decrease in the other districts was due to unfavourable season which in Ganjam, Vizagapatam, Cuddapah, Bellary, Anantapur and Kurnool developed into famine.

5. The growth of irrigation revenue under different classes of works during the last six years is exhibited in the subjoined statement. As observed in the reviews for the preceding years, the improvement in the revenue under class I works comprising

the anikat systems is steady and satisfactory. About one-half of the increase as compared with the previous year was under the old systems and the other half was contributed by the Periyar Project :—

Fasli.	Class I.			Class II.			Class III.		
	Share due to irrigation.	Deduct remissions.	Net revenue due to irrigation.	Share due to irrigation.	Deduct remissions.	Net revenue due to irrigation.	Share due to irrigation.	Deduct remissions.	Net revenue due to irrigation.
1	2	3	4	5	6	7	8	9	10
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1301 (1891–92) ..	76,98,317	3,42,178	73,56,139	14,86,921	1,91,547	12,95,374	8,04,122	62,310	7,41,812
1302 (1892–93) ..	78,82,951	1,58,673	77,24,278	16,90,116	74,799	16,15,317	6,92,770	25,028	6,67,742
1303 (1893–94) ..	87,58,171	1,00,215	86,57,956	17,39,844	17,355	17,22,489	7,04,079	5,413	6,98,666
1304 (1894–95) ..	91,29,040	94,399	90,34,641	17,59,201	37,057	17,22,144	7,02,923	17,497	6,85,426
1305 (1895–96) ..	98,96,513	3,64,401	95,32,112	17,89,990	32,260	17,57,730	7,04,852	4,914	6,99,938
1306 (1896–97) ..	1,05,24,932	4,75,753	1,00,49,179	17,88,307	60,798	17,27,509	7,05,297	53,239	6,52,058

Fasli.	Class IV.			Total.		
	Share due to irrigation.	Deduct remissions.	Net revenue due to irrigation.	Share due to irrigation.	Deduct remissions.	Net revenue due to irrigation.
	11	12	13	14	15	16
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1301 (1891–92) ..	76,47,208	21,77,950	54,69,258	1,76,36,568	27,73,985	1,48,62,583
1302 (1892–93) ..	83,68,963	13,16,949	70,51,954	1,86,34,740	15,75,449	1,70,59,291
1303 (1893–94) ..	86,27,063	3,66,913	82,60,150	1,98,29,157	4,89,896	1,93,39,261
1304 (1894–95) ..	85,33,234	8,96,897	76,36,337	2,01,24,398	10,45,850	1,90,78,548
1305 (1895–96) ..	88,14,362	3,49,885	84,64,477	2,12,05,717	7,51,460	2,04,54,257
1306 (1896–97) ..	82,87,610	13,27,530	69,60,080	2,13,06,146	19,17,320	1,93,88,826

6. The following statement compares the area irrigated under the Kurnool-Cuddapah canal and the revenue derived therefrom during the year under review with the corresponding figures for the preceding year :—

Districts.	Area irrigated.				Demand.	Remissions.	Net demand.
	First crop.		Second crop.				
	Wet.	Dry.	Wet.	Dry.			
	Acs.	Acs.	Acs.	Acs.	Rs.	Rs.	Rs.
Kurnool 1305	10,632	2,801	994	1,136	46,740	43	46,697
Kurnool 1306	13,470	48,038	1,316	2,794	1,12,981	105	1,12,876
Difference ..	+ 2,838	+ 45,237	+ 322	+ 1,658	+ 66,241	+ 62	+ 66,179
Cuddapah 1305	9,638	3,545	2,830	1,327	57,850	1,613	56,237
Cuddapah 1306	10,311	7,258	2,069	1,970	63,112	1,247	61,865
Difference ..	+ 673	+ 3,713	— 761	+ 643	+ 5,262	— 366	+ 5,628
Total 1305	20,270	6,346	3,824	2,463	1,04,590	1,656	1,02,934
Total 1306	23,781	55,296	3,385	4,764	1,76,093	1,352	1,74,741
Difference ..	+ 3,511	+ 48,950	— 439	+ 2,301	+ 71,503	— 304	+ 71,807

The total area irrigated under the canal including extent under dry crops was 87,226 acres against 32,903 acres in the previous year, being an increase of acres 54,323. The bulk of this increase (50,055 acres) occurred in the Kurnool district and was due to the adverse character of the season in the year and to the ryots having consequently taken canal water for large extents of dry crops.

(True Copies and Extract.)

(Signed) R. V. SRINIVASIAR,
Secretary.

APPENDIX I.

STATEMENT showing the total area occupied, the area actually irrigated or charged as irrigated and the revenue derived for fasli 1306 (1896–97) in comparison with the previous year.

—	—	Area occupied.		Area actually irrigated or charged as irrigated.		Total land and irrigation revenue.	Share due to irrigation.	Deduct remissions and deductions.	Net revenue due to irrigation.
		First crop.	Second crop.	First crop.	Second crop.				
		Acs.	Acs.	Acs.	Acs.	Rs.	Rs.	Rs.	Rs.
Class I Works.									
Gódávari delta ..	1895–96	585,880	121,788	561,524	121,602	33,32,530	25,96,950	1,49,523	24,47,457
	1896–97	639,306	139,242	602,298	137,651	37,61,124	29,44,623	2,66,120	26,79,408
	Difference ..	+ 53,426	+ 17,454	+ 40,774	+ 15,949	+ 4,28,594	+ 3,47,548	+ 1,15,597	+ 2,31,951
Kistna do. ..	1895–96	508,916	261	481,114	261	27,41,360	22,51,218	1,58,923	20,92,295
	1896–97	504,867	669	482,017	616	27,14,309	22,02,120	1,42,745	20,59,376
	Difference ..	— 4,059	+ 398	+ 903	+ 355	— 27,051	— 49,098	— 16,178	— 32,920
Cauvery anikat ..	1895–96	886,664	100,773	886,330	100,773	54,15,041	41,98,905	9,875	41,89,530
	1896–97	883,159	95,102	882,536	94,587	55,99,757	41,90,400	12,707	41,77,693
	Difference ..	— 3,505	— 5,671	— 3,794	— 6,186	— 15,284	— 8,505	+ 3,332	— 11,837
Pennér do. ..	1895–96	68,546	2,236	67,892	2,236	3,37,983	2,67,416	8,568	2,63,848
	1896–97	67,105	3,246	64,907	3,246	3,33,198	2,63,318	12,653	2,50,665
	Difference ..	— 1,441	+ 1,010	— 2,985	+ 1,010	— 4,785	— 4,098	+ 9,085	— 13,183
Sangam do. ..	1895–96	75,364	3,790	73,557	3,790	3,96,001	3,16,333	8,646	3,07,687
	1896–97	74,863	7,110	72,676	7,110	4,01,961	3,23,729	11,924	3,11,805
	Difference ..	— 491	+ 3,320	— 881	+ 3,320	+ 6,950	+ 7,396	+ 3,278	+ 4,118
Srivaikuntam anikat ..	1895–96	23,036	18,158	18,914	15,048	2,16,528	1,90,786	34,048	1,56,738
	1896–97	23,094	19,694	21,512	18,635	2,23,090	1,97,244	13,130	1,84,114
	Difference ..	+ 58	+ 1,536	+ 2,598	+ 3,587	+ 6,562	+ 6,458	— 20,918	+ 27,376
Barur tank project ..	1895–96	2,536	1,693	2,536	1,693	13,385	11,035	13	11,022
	1896–97	2,609	1,831	2,609	1,831	13,935	11,547	14	11,533
	Difference ..	+ 73	+ 138	+ 73	+ 138	+ 550	+ 512	+ 1	+ 511
Roshikulya project ..	1895–96	35,812	112	35,805	112	87,225	63,840	305	63,535
	1896–97	66,267	426	62,901	426	1,60,940	1,18,641	10,536	1,08,106
	Difference ..	+ 30,455	+ 314	+ 27,096	+ 314	+ 73,715	+ 54,801	+ 10,230	+ 44,571

Statement showing the total area occupied, the area actually irrigated or charged as irrigated and the revenue derived for fasli 1306 (1896-97), &c.—*cont.*

—	—	Area occupied. First crop.	Area occupied. Second crop.	Area actually irrigated or charged as irrigated. First crop.	Area actually irrigated or charged as irrigated. Second crop.	Total land and irrigation revenue.	Share due to irrigation.	Deduct remissions and deductions.	Net revenue due to irrigation.
		ACS.	ACS.	ACS.	ACS.	RS.	RS.	RS.	RS.
CLASS I—*cont.*									
Periyár project	1895-96	.. 52,444	.. 12,836	.. 51,323	.. 12,428	.. 3,15,911	.. 2,73,405	.. 6,925	.. 2,66,480
	1896-97	52,444	12,836	51,323	12,428	3,15,911	2,73,405	6,925	2,66,480
	Difference ..	+ 52,444	+ 12,836	+ 51,323	+ 12,428	+ 3,15,911	+ 2,73,405	+ 6,925	+ 2,66,480
Total of Class I Works	1895-96	2,186,744	248,811	2,127,672	245,515	1,25,39,053	98,96,513	3,64,401	95,32,112
	1896-97	2,313,704	280,146	2,242,779	276,430	1,33,24,215	1,05,24,932	4,75,753	1,00,49,179
	Difference ..	+ 126,960	+ 31,335	+ 115,107	+ 30,915	+ 7,85,162	+ 6,28,419	+ 1,11,352	+ 5,17,067
CLASS II WORKS.									
Palar anikat	1895-96	75,866	28,962	75,726	28,420	3,53,999	2,70,475	4,174	2,66,301
	1896-97	74,496	25,072	70,336	23,391	3,42,604	2,60,154	22,250	2,37,904
	Difference ..	— 1,370	— 3,890	— 5,390	— 5,029	— 11,395	— 10,321	+ 18,076	— 28,397
Pelandorai anikat ..	1895-96	8,751	113	8,751	113	47,607	32,815	64	32,751
	1896-97	9,233	168	9,223	168	49,689	34,296	94	34,202
	Difference ..	+ 482	+ 55	+ 472	+ 55	+ 2,082	+ 1,481	+ 30	+ 1,451
Chembrambakam tank ..	1895-96	12,995	2,643	11,424	1,967	64,684	46,771	10,803	35,968
	1896-97	13,042	2,220	13,037	2,200	64,279	46,248	373	45,875
	Difference ..	+ 47	— 423	+ 1,613	+ 233	— 405	— 523	— 10,430	+ 9,907
Madras water-supply and irrigation extension project.	1895-96	7,439	2,260	7,434	2,260	28,191	20,911	381	20,530
	1896-97	7,402	2,341	7,402	2,341	28,374	21,159	361	20,798
	Difference ..	— 37	+ 81	— 32	+ 81	+ 183	+ 248	— 20	+ 268
Cumbum tank	1895-96	5,546	4,452	5,546	4,452	47,107	40,967	135	40,832
	1896-97	5,534	4,001	5,533	2,586	45,297	39,185	5,993	33,192
	Difference ..	— 12	— 451	— 13	— 1,866	— 1,810	— 1,782	+ 5,858	— 7,640
Tadepalli channel ..	1895-96	14,214	598	14,148	598	1,24,171	1,03,230	372	1,02,858
	1896-97	14,686	401	14,530	401	1,26,362	1,04,897	726	1,04,171
	Difference ..	+ 472	— 197	+ 382	— 197	+ 2,191	+ 1,667	+ 354	+ 1,313
Arakankottai channel ..	1895-96	4,116	44	4,090	44	33,285	27,677	288	27,389
	1896-97	4,118	43	4,083	43	33,250	27,619	210	27,409
	Difference ..	+ 2	— 1	— 7	— 1	— 35	— 58	— 78	+ 20
Kalingaroyen channel ..	1895-96	11,208	10,416	11,208	10,416	1,18,913	1,05,163	59	1,05,104
	1896-97	11,272	10,244	11,272	10,244	1,18,927	1,05,133	130	1,05,003
	Difference ..	+ 64	— 172	+ 64	— 172	+ 14	— 30	+ 71	— 101
Valluru anikat	1895-96	5,167	131	5,167	131	13,716	8,789	365	8,424
	1896-97	5,149	94	5,149	94	13,465	8,632	349	8,283
	Difference ..	— 18	— 37	— 18	— 37	— 251	— 157	— 16	— 141
Cheyaru anikat	1895-96	21,951	15,126	21,950	15,126	1,21,890	90,912	210	90,702
	1896-97	22,104	14,898	22,104	14,898	1,22,368	91,200	211	90,989
	Difference ..	+ 153	— 228	+ 154	— 228	+ 478	+ 288	+ 1	+ 287
Poiney do.	1895-96	22,455	4,970	21,781	4,969	1,14,219	85,006	3,554	81,452
	1896-97	21,695	4,281	19,903	3,805	1,10,847	82,442	8,337	74,105
	Difference ..	— 760	— 689	— 1,878	— 1,164	— 3,372	— 2,564	+ 4,783	— 7,347
Lower Coleroon anikat ..	1895-96	107,166	4,211	107,046	4,205	6,26,837	3,89,535	706	3,88,829
	1896-97	107,074	1,900	106,994	1,892	6,23,216	3,83,798	734	3,83,064
	Difference ..	— 92	— 2,311	— 52	— 2,313	— 3,621	— 5,737	+ 28	— 5,765
Shatyatope do. ..	1895-96	29,284	3,776	29,239	3,748	164,683	1,10,922	456	1,10,466
	1896-97	29,955	3,391	29,846	3,350	167,116	1,11,985	244	1,11,741
	Difference ..	+ 671	— 385	+ 607	— 398	+ 2,433	+ 1,063	— 212	+ 1,275
Vriddáchalam do. ..	1895-96	5,910	204	5,910	204	35,627	23,501	7	23,494
	1896-97	6,157	225	6,157	225	37,426	24,424	8	24,416
	Difference ..	+ 247	+ 21	+ 247	+ 21	+ 1,799	+ 923	+ 1	+ 922
Mehmattur do. ..	1895-96	3,380	76	3,380	76	22,138	14,808	..	14,808
	1896-97	3,490	59	3,490	59	23,241	15,141	..	15,141
	Difference ..	+ 110	— 17	+ 110	— 17	+ 1,103	+ 333	..	+ 333
Marudur do. ..	1895-96	17,552	16,289	16,903	15,669	2,15,087	1,88,240	9,177	1,79,063
	1896-97	17,545	16,471	17,467	16,441	2,15,482	1,88,632	2,520	1,86,112
	Difference ..	— 7	+ 182	+ 564	+ 772	+ 395	+ 392	— 6,657	+ 7,049
Tirukkóyilúr do. ..	1895-96	23,140	2,056	23,140	2,056	1,30,524	91,952	109	91,843
	1896-97	23,003	2,384	22,893	2,358	1,30,662	92,276	759	91,517
	Difference ..	— 137	+ 328	— 247	+ 302	+ 138	+ 224	+ 650	— 326
Ganjám Minor rivers system.	1895-96	56,497	5,008	56,488	5,008	1,95,213	1,22,744	1,357	1,21,387
	1896-97	56,756	10,770	53,234	10,767	2,05,122	1,34,229	16,203	1,18,026
	Difference ..	+ 259	+ 5,762	— 3,254	+ 5,759	+ 9,909	+ 11,485	+ 14,846	— 3,361

Statement showing the total area occupied, the area actually irrigated or charged as irrigated and the revenue derived for fasli 1306 (1896-97), &c.—*cont.*

—	—	Area occupied. First crop.	Area occupied. Second crop.	Area actually irrigated or charged as irrigated. First crop.	Area actually irrigated or charged as irrigated. Second crop.	Total land and irrigation revenue.	Share due to irrigation.	Deduct remissions and deductions.	Net revenue due to irrigation.
		ACS.	ACS.	ACS.	ACS.	RS.	RS.	RS.	RS.
CLASS I—*cont.*									
Periyár project	1895-96	.. 52,444	.. 12,836	.. 51,323	.. 12,428	.. 3,15,911	.. 2,73,405	.. 6,925	.. 2,66,480
	1896-97	52,444	12,836	51,323	12,428	3,15,911	2,73,405	6,925	2,66,480
	Difference ..	+ 52,444	+ 12,836	+ 51,323	+ 12,428	+ 3,15,911	+ 2,73,405	+ 6,925	+ 2,66,480
Total of Class I Works	1895-96	2,186,744	248,811	2,127,672	245,515	1,25,39,053	98,96,513	3,64,401	95,32,112
	1896-97	2,313,704	280,146	2,242,779	276,430	1,33,24,215	1,05,24,932	4,75,753	1,00,49,179
	Difference ..	+ 126,960	+ 31,335	+ 115,107	+ 30,915	+ 7,85,162	+ 6,28,419	+ 1,11,352	+ 5,17,067
CLASS II WORKS.									
Palar anikat	1895-96	75,866	28,962	75,726	28,420	3,53,999	2,70,475	4,174	2,66,301
	1896-97	74,496	25,072	70,336	23,391	3,42,604	2,60,154	22,250	2,37,904
	Difference ..	— 1,370	— 3,890	— 5,390	— 5,029	— 11,395	— 10,321	+ 18,076	— 28,397
Pelandorai anikat ..	1895-96	8,751	113	8,751	113	47,607	32,815	64	32,751
	1896-97	9,233	168	9,223	168	49,689	34,296	94	34,202
	Difference ..	+ 482	+ 55	+ 472	+ 55	+ 2,082	+ 1,481	+ 30	+ 1,451
Chembrambakam tank ..	1895-96	12,995	2,643	11,424	1,967	64,684	46,771	10,803	35,968
	1896-97	13,042	2,220	13,037	2,200	64,279	46,248	373	45,875
	Difference ..	+ 47	— 423	+ 1,613	+ 233	— 405	— 523	— 10,430	+ 9,907
Madras water-supply and irrigation extension project.	1895-96	7,439	2,260	7,434	2,260	28,191	20,911	381	20,530
	1896-97	7,402	2,341	7,402	2,341	28,374	21,159	361	20,798
	Difference ..	— 37	+ 81	— 32	+ 81	+ 183	+ 248	— 20	+ 268
Cumbum tank	1895-96	5,546	4,452	5,546	4,452	47,107	40,967	135	40,832
	1896-97	5,534	4,001	5,533	2,586	45,297	39,185	5,993	33,192
	Difference ..	— 12	— 451	— 13	— 1,866	— 1,810	— 1,782	+ 5,858	— 7,640
Tadepalli channel ..	1895-96	14,214	598	14,148	598	1,24,171	1,03,230	372	1,02,858
	1896-97	14,686	401	14,530	401	1,26,362	1,04,897	726	1,04,171
	Difference ..	+ 472	— 197	+ 382	— 197	+ 2,191	+ 1,667	+ 354	+ 1,313
Arakankottai channel ..	1895-96	4,116	44	4,090	44	33,285	27,677	288	27,389
	1896-97	4,118	43	4,083	43	33,250	27,619	210	27,409
	Difference ..	+ 2	— 1	— 7	— 1	— 35	— 58	— 78	+ 20
Kalingaroyen channel ..	1895-96	11,208	10,416	11,208	10,416	1,18,913	1,05,163	59	1,05,104
	1896-97	11,272	10,244	11,272	10,244	1,18,927	1,05,133	130	1,05,003
	Difference ..	+ 64	— 172	+ 64	— 172	+ 14	— 30	+ 71	— 101
Valluru anikat	1895-96	5,167	131	5,167	131	13,716	8,789	365	8,424
	1896-97	5,149	94	5,149	94	13,465	8,632	349	8,283
	Difference ..	— 18	— 37	— 18	— 37	— 251	— 157	— 16	— 141
Cheyaru anikat	1895-96	21,951	15,126	21,950	15,126	1,21,890	90,912	210	90,702
	1896-97	22,104	14,898	22,104	14,898	1,22,368	91,200	211	90,989
	Difference ..	+ 153	— 228	+ 154	— 228	+ 478	+ 288	+ 1	+ 287
Poiney do.	1895-96	22,455	4,970	21,781	4,969	1,14,219	85,006	3,554	81,452
	1896-97	21,695	4,281	19,903	3,805	1,10,847	82,442	8,337	74,105
	Difference ..	— 760	— 689	— 1,878	— 1,164	— 3,372	— 2,564	+ 4,783	— 7,347
Lower Coleroon anikat ..	1895-96	107,166	4,211	107,046	4,205	6,26,837	3,89,535	706	3,88,829
	1896-97	107,074	1,900	106,994	1,892	6,23,216	3,83,798	734	3,83,064
	Difference ..	— 92	— 2,311	— 52	— 2,313	— 3,621	— 5,737	+ 28	— 5,765
Shatyatope do. ..	1895-96	29,284	3,776	29,239	3,748	164,683	1,10,922	456	1,10,466
	1896-97	29,955	3,391	29,846	3,350	167,116	1,11,985	244	1,11,741
	Difference ..	+ 671	— 385	+ 607	— 398	+ 2,433	+ 1,063	— 212	+ 1,275
Vriddáchalam do. ..	1895-96	5,910	204	5,910	204	35,627	23,501	7	23,494
	1896-97	6,157	225	6,157	225	37,426	24,424	8	24,416
	Difference ..	+ 247	+ 21	+ 247	+ 21	+ 1,799	+ 923	+ 1	+ 922
Mohmattur do. ..	1895-96	3,380	76	3,380	76	22,138	14,808	..	14,808
	1896-97	3,490	59	3,490	59	23,241	15,141	..	15,141
	Difference ..	+ 110	— 17	+ 110	— 17	+ 1,103	+ 333	..	+ 333
Marudur do. ..	1895-96	17,552	16,289	16,903	15,669	2,15,087	1,88,240	9,177	1,79,063
	1896-97	17,545	16,471	17,467	16,441	2,15,482	1,88,632	2,520	1,86,112
	Difference ..	— 7	+ 182	+ 564	+ 772	+ 395	+ 392	— 6,657	+ 7,049
Tirukkóyilúr do. ..	1895-96	23,140	2,056	23,140	2,056	1,30,524	91,952	109	91,843
	1896-97	23,003	2,384	22,893	2,358	1,30,662	92,276	759	91,517
	Difference ..	— 137	+ 328	— 247	+ 302	+ 138	+ 324	+ 650	— 326
Ganjám Minor rivers system.	1895-96	56,497	5,008	56,488	5,008	1,95,213	1,22,744	1,357	1,21,387
	1896-97	56,756	10,770	53,234	10,767	2,05,122	1,34,229	16,203	1,18,026
	Difference ..	+ 259	+ 5,762	— 3,254	+ 5,759	+ 9,909	+ 11,485	+ 14,846	— 3,361

Statement showing the total area occupied, the area actually irriagated or charged as irrigated and the revenue derived for fasli 1306 (1896–97), &c.—*cont.*

—	—	Area occupied. First crop.	Area occupied. Second crop.	Area actually irrigated or charged as irrigated. First crop.	Area actually irrigated or charged as irrigated. Second crop.	Total land and irrigation revenue.	Share due to irrigation.	Deduct remissions and deductions.	Net revenue due to irrigation.
		ACS.	ACS.	ACS.	ACS.	RS.	RS.	RS.	RS.
CLASS II WORKS—*cont.*									
Nandyar channel ..	1895–96	3,908	1,526	3,908	1,526	21,171	15,572	43	15,529
	1896–97	4,284	1,579	4,054	1,454	22,946	16,857	1,296	15,561
	Difference ..	+ 376	+ 53	+ 146	— 72	+ 1,775	+ 1,285	+ 1,253	+ 32
Total of Class II Works.	1895–96	436,545	102,861	433,239	100,988	24,79,062	17,89,990	32,260	17,57,730
	1896–97	436,995	100,542	426,707	96,717	24,80,673	17,88,307	60,798	17,27,509
	Difference ..	+ 450	— 2,319	— 6,532	— 4,271	+ 1,611	— 1,683	+ 28,538	— 30,221
CLASS III WORKS.									
Vizagapatam	1895–96	19,774	15,212	19,774	15,212	76,815	55,799	392	55,407
	1896–97	19,302	14,574	12,468	9,986	74,447	53,690	45,687	8,003
	Difference ..	— 472	— 638	— 7,306	— 5,226	— 2,368	— 2,109	+ 45,295	— 47,404
Chinglepat	1895–96	5,866	1,206	5,866	1,206	20,589	14,147	173	13,974
	1896–97	5,932	799	5,932	799	21,126	14,599	293	14,306
	Difference ..	+ 66	— 407	+ 66	— 407	+ 537	+ 452	+ 120	+ 332
South Arcot	1895–96	12,602	2,696	12,586	2,695	86,996	61,876	780	61,096
	1896–97	12,606	3,204	12,585	3,189	89,018	63,644	1,994	61,650
	Difference ..	+ 4	+ 508	— 1	+ 494	+ 2,022	+ 1,768	+ 1,214	+ 554
Tinnevelly	1895–96	36,748	34,035	36,736	34,031	4,74,514	4,22,802	2,793	4,20,009
	1896–97	36,943	34,178	36,943	34,178	4,77,041	4,25,060	3,549	4,21,511
	Difference ..	+ 195	+ 143	+ 207	+ 147	+ 2,527	+ 2,258	+ 756	+ 1,502
Coimbatore	1895–96	26,661	21,279	26,661	21,279	1,75,066	1,48,782	506	1,48,276
	1896–97	26,379	20,872	26,379	20,872	1,72,818	1,46,870	517	1,46,353
	Difference ..	— 282	— 407	— 282	— 407	— 2,248	— 1,912	+ 11	— 1,923
Salem	1895–96	430	426	430	426	1,808	1,446	270	1,176
	1896–97	427	427	254	427	1,794	1,434	1,199	235
	Difference ..	— 3	+ 1	— 176	+ 1	— 14	— 12	+ 929	— 941
Total of Class III Works.	1895–96	102,081	74,854	102,053	74,849	8,35,788	7,04,852	4,914	6,99,938
	1896–97	101,589	74,054	94,561	69,451	8,36,244	7,05,297	53,239	6,52,058
	Difference ..	— 492	— 800	— 7,492	— 5,398	+ 456	+ 445	+ 48,325	— 47,880
Class IV Works.									
Ganjám	1895–96	136,236	6,317	135,339	6,317	3,57,187	1,87,442	7,584	1,79,858
	1896–97	122,888	1,271	76,178	1,249	3,12,393	1,61,902	1,50,951	10,951
	Difference ..	— 13,348	— 5,046	— 59,161	— 5,068	— 44,794	— 25,540	+ 1,43,367	— 1,68,907
Vizagapatam	1895–96	81,833	73,183	81,730	73,178	3,50,876	2,47,602	1,295	2,46,307
	1896–97	80,720	72,312	52,372	55,816	3,41,800	2,42,232	1,27,073	1,15,159
	Difference ..	— 1,113	— 871	— 29,358	— 17,362	— 9,076	— 5,370	+ 1,25,778	— 1,31,148
Gódávari	1895–96	108,288	3,606	1,06,951	3,593	2,95,991	1,95,938	3,135	1,92,803
	1896–97	105,350	1,687	62,213	1,554	2,80,316	1,83,305	1,34,900	48,405
	Difference ..	— 2,938	— 1,919	— 44,738	— 2,039	— 15,675	— 12,633	+ 1,31,765	— 1,44,398
Kistna	1895–96	48,055	344	46,730	343	2,21,218	1,55,685	6,809	1,48,876
	1896–97	44,859	224	32,858	218	2,05,706	1,43,714	67,027	76,687
	Difference ..	— 3,196	— 120	— 13,872	— 125	— 15,512	— 11,971	+ 60,218	— 72,189
Nellore	1895–96	130,851	9,700	113,188	9,552	6,06,675	4,75,941	73,827	4,02,114
	1896–97	133,836	12,769	126,040	12,767	6,16,226	4,84,664	33,472	4,51,192
	Difference ..	+ 2,985	+ 3,069	+ 12,852	+ 3,215	+ 9,551	+ 8,723	— 40,355	+ 49,078
Cuddapah	1895–96	214,357	77,137	207,220	76,781	10,28,217	8,49,780	46,900	8,02,880
	1896–97	208,506	62,526	164,914	60,416	9,65,455	7,89,476	2,70,362	5,19,114
	Difference ..	— 5,851	— 14,611	— 42,306	— 16,365	— 62,762	— 60,304	+ 2,23,462	— 2,83,766
Anantapur	1895–96	124,928	41,802	112,952	41,478	5,55,599	4,84,518	59,043	4,25,475
	1896–97	122,138	24,345	79,152	23,942	4,89,190	4,17.992	2,10,330	2,07,662
	Difference ..	— 2,790	— 17,457	— 33,800	— 17,536	— 66,409	— 66,526	+ 1,51,287	— 2,17,813
Bellary	1895–96	54,129	15,631	52,168	15,418	3,19,213	2,73,517	10,558	2,62,959
	1896–97	53,264	12,587	43,297	12,357	3,07,534	2,61,847	58,189	2,03,658
	Difference ..	— 865	— 3,044	— 8,871	— 3,061	— 11,679	— 11,670	+ 47,631	— 59,301
Kurnool	1895–96	53,026	8,445	50,902	8,415	2,41,233	1,89,874	13,346	1,76,528
	1896–97	46,305	5,760	36,560	5,715	2,04,400	1,56,728	74,302	82,426
	Difference ..	— 6,721	— 2,685	— 14,342	— 2,700	— 36,833	— 33,146	+ 60,956	— 94,102
Chingleput	1895–96	352,828	67,712	349,223	67,434	12,46,100	8,88,108	21,678	8,66,430
	1896–97	354,272	53,943	351,443	53,780	12,16,840	8,58,467	19,079	8,39,388
	Difference ..	+ 1,444	— 13,769	+ 2,220	— 13,654	— 29,260	— 29,641	— 2,599	— 27,042

Statement showing the total area occupied, the area actually irrigated or charged as irrigated and the revenue derived for fasli 1306 (1896-97), &c.—*cont.*

—	—	Area occupied. First crop.	Area occupied. Second crop.	Area actually irrigated or charged as irrigated. First crop.	Area actually irrigated or charged as irrigated. Second crop.	Total land and irrigation revenue.	Share due to irrigation.	Deduct remissions and deductions.	Net revenue due to irrigation.
CLASS IV WORKS—*cont.*		ACS.	ACS.	ACS.	ACS.	RS.	RS.	RS.	RS.
North Arcot	1895-96	225,650	104,342	220,062	103,679	11,91,719	8,85,047	28,742	8,56,305
	1896-97	221,053	96,093	209,145	94,779	11,56,831	8,53,659	85,824	7,67,835
	Difference ..	— 4,597	— 8,249	— 10,917	— 8,900	— 34,888	— 31,388	+ 57,082	— 88,470
South Arcot	1895-96	289,280	60,090	289,146	60,070	15,53,190	10,85,246	790	10,84,456
	1896-97	285,591	47,930	283,650	47,209	15,08,484	10,45,252	11,059	10,34,193
	Difference ..	— 3,689	— 12,160	— 5,496	— 12,861	— 44,706	— 39,994	+ 10,269	— 50,263
Tanjore	1895-96	54,318	3,181	54,317	3,181	173,687	1,27,279	1,430	1,25,849
	1896-97	54,643	3,691	54,642	3,691	176,007	1,28,804	1,808	1,26,996
	Difference ..	+ 325	+ 510	+ 325	+ 510	+ 2,320	+ 1,525	+ 378	+ 1,147
Trichinopoly	1895-96	124,999	48,114	124,741	48,056	7,66,243	5,62,283	1,891	5,60,392
	1896-97	122,168	42,476	121,972	42,463	7,52,419	5,49,686	3,980	5,45,706
	Difference ..	— 2,831	— 5,638	— 2,769	— 5,593	— 13,824	— 12,597	+ 2,089	— 14,686
Madura	1895-96	191,463	62,557	188,158	58,640	8,83,698	7,20,398	22,191	6,98,207
	1896-97	141,230	38,683	139,586	36,345	6,29,856	5,05,580	15,287	4,90,293
	Difference ..	— 50,233	— 23,874	— 48,572	— 22,295	— 2,53,842	— 2,14,818	— 6,904	— 2,07,914
Tinnevelly	1895-96	146,595	80,300	141,812	79,251	9,52,070	8,19,182	36,396	7,82,786
	1896-97	148,679	84,601	146,534	84,026	9,86,869	8,51,673	22,491	8,29,182
	Difference ..	+ 2,084	+ 4,301	+ 4,722	+ 4,775	+ 34,769	+ 32,491	— 13,905	+ 46,396
Coimbatore	1895-96	49,429	19,246	48,306	18,715	2,79,018	2,30,572	8,157	2,22,415
	1896-97	49,590	18,616	48,372	17,891	2,77,092	2,28,263	6,907	2,21,356
	Difference ..	+ 161	— 630	+ 66	— 824	— 1,926	— 2,309	— 1,250	— 1,059
Salem	1895-96	114,911	105,078	113,937	104,280	6,06,770	4,35,950	6,113	4,29,837
	1896-97	112,234	104,866	106,043	99,185	5,91,307	4,24,366	34,489	3,89,877
	Difference ..	— 2,677	— 212	— 7,894	— 5,095	— 15,463	— 11,584	+ 28,376	— 39,960
Total of Class IV Works.	1895-96	2,501,176	786,785	2,436,882	778,381	1,16,28,704	88,14,362	3,49,885	84,64,477
	1896-97	2,407,326	684,380	2,134,971	653,403	1,10,18,695	82,87,610	13,27,530	69,60,080
	Difference ..	— 93,850	— 102,405	— 301,911	— 124,978	— 6,10,009	— 5,26,752	+ 9,77,645	— 15,04,397

APPENDIX II.

ABSTRACT statement of the extent of Irrigation and the Revenue derived from Irrigation Works for the fasli year 1306 (1896-97).

Class and names of systems and canals.	Expected ultimate area of irrigation.	Area occupied. First crop.	Area occupied. Second crop.	Area charged as irrigated. First crop.	Area charged as irrigated. Second crop.	Area of lands irrigated free of charge included in columns 3 and 4. First crop.	Area of lands irrigated free of charge included in columns 3 and 4. Second crop.	Total, land and irrigation revenue.	Share due to irrigation.	Deduct remissions and deductions.	Net revenue due to irrigation.
1	2	3	4	5	6	7	8	9	10	11	12
CLASS I.—PRODUCTIVE PUBLIC WORKS FOR WHICH CAPITAL AND REVENUE ACCOUNTS ARE KEPT.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	RS.	RS.	RS.	RS.
Gódávari Anikat System.											
Eastern delta .. 1. Main canal	..	1,046	2	1,046	2	217	..	4,213	4,157	414	3,743
2. Bank do.	20,200	28,150	7,725	24,811	7,597	1,824	..	1,64,776	1,37,182	20,154	1,17,028
3. Cocanada canal	44,000	42,433	8,709	42,305	8,709	10,677	..	2,71,837	2,05,113	3,938	2,01,175
4. Sámalkót do.	29,000	28,045	4,636	27,951	4,611	9,805	..	1,43,480	1,16,275	1,011	1,15,264
5. Mandapet do.	28,000	32,685	9,011	32,685	8,990	729	..	2,66,854	1,97,265	1,219	1,96,046
6. Coringa do.	32,000	34,032	6,896	32,590	6,873	8,582	..	1,99,629	1,49,534	10,795	1,38,739
7. Injiram do.	16,800	16,120	4,927	15,970	4,927	3,498	..	91,811	76,760	4,645	72,115
8. Kovur-Manjair junction canal	..	5,986	741	5,944	738	2,800	..	21,098	20,871	3,547	17,324
Total, Eastern delta ..	170,000	188,497	42,647	183,302	42,447	38,132	..	11,63,698	9,07,157	45,723	8,61,434
Central delta .. 1. Main canal	1,000	87	602	87	602	..	..	2,739	2,488	337	2,151
2. Gunnavaram canal	47,880	38,645	8,358	35,341	8,306	3,601	..	2,64,858	2,00,320	21,539	1,78,781
3. Bank canal	29,650	33,437	7,429	32,476	7,429	4,932	..	1,94,249	1,51,103	6,910	1,44,193
4. Amalápuram canal	31,350	29,345	5,111	28,963	5,098	7,066	..	1,54,932	1,26,213	5,189	1,21,024
5. Bendamurlanka canal ..	12,540	10,620	896	9,728	896	2,885	..	51,498	37,788	6,733	31,055
Total, Central delta ..	122,420	112,134	22,396	106,595	22,331	18,484	..	6,68,276	5,17,912	40,708	4,77,204
Western delta .. 1. Main canal	1,000	1,716	765	1,698	765	213	50	10,206	9,975	942	9,033
2. Kakaraparru canal ..	8,500	9,981	5,281	9,855	5,275	..	..	68,610	59,298	3,118	56,180
3. Gostanadi and Velpur canal	39,000	42,224	5,946	41,955	5,890	7,549	..	2,52,076	1,87,141	3,417	1,83,724
4. Bank canal	28,000	33,875	19,168	28,609	18,919	1,422	..	2,84,283	2,16,039	66,163	1,49,876
5. Narsapur canal	59,000	66,247	17,091	51,295	16,083	8,936	..	4,30,570	3,35,646	94,758	2,40,888
6. Ellore do.	55,000	39,544	2,053	39,371	2,043	5,554	..	1,96,197	1,69,501	2,307	1,67,194
7. Attili do.	33,000	33,856	13,856	33,818	13,853	1,920	..	2,34,007	1,86,584	3,143	1,83,441
8. Venkayya and Wyair canal	48,080	41,781	3,150	41,587	3,056	21,844	244	1,29,047	1,05,865	2,404	1,03,461
9. Undi canal	48,000	51,616	2,760	51,445	2,760	20,317	..	2,22,585	1,63,317	1,800	1,61,517
10. Junction canal	..	17,885	4,129	17,768	4,129	2,208	..	1,01,569	86,093	637	85,456
Total, Western delta ..	319,580	338,675	74,199	312,401	72,773	69,963	294	19,29,150	15,19,459	1,78,689	13,40,770
Total, Gódávari anikat system ..	612,000	639,306	139,242	602,298	137,551	126,579	294	37,61,124	29,44,528	2,65,120	26,79,408

Abstract statement of the extent of Irrigation and the Revenue derived from Irrigation Works for the fasli year 1306 (1896–97)—*cont.*

Class and names of systems and canals.	Expected ultimate area of irrigation.	Area occupied.		Area charged as irrigated.		Area of lands irrigated free of charge included in columns 3 and 4.		Total, land and irrigation revenue.	Share due to irrigation.	Deduct remissions and deductions.	Net revenue due to irrigation.
		First crop.	Second crop.	First crop.	Second crop.	First crop.	Second crop.				
1	2	3	4	5	6	7	8	9	10	11	12
CLASS I.—PRODUCTIVE PUBLIC WORKS FOR WHICH CAPITAL AND REVENUE ACCOUNTS ARE KEPT—*cont.*	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	RS.	RS.	RS.	RS.
Kistna Anikat System.											
Eastern delta .. 1. Ellore canal	31,000	47,514	61	47,460	61	9,962	..	1,99,767	1,85,445	422	1,85,023
2. Ryves' do.	35,000	48,051	24	47,850	24	4,894	..	2,29,087	2,09,217	1,830	2,07,387
3. Masulipatam canal ..	34,000	34,420	14	31,722	14	2,364	..	1,67,282	1,56,392	22,218	1,34,174
4. Pulleru do.	80,000	115,613	35	115,179	34	19,311	..	5,31,532	4,61,120	11,795	4,49,325
5. Polrazcodu do.	34,000	29,908	136	29,499	104	7,145	..	1,28,074	1,11,796	2,266	1,09,530
6. Bantumilli do.	12,000	23,822	311	23,279	311	4,705	..	1,08,037	93,223	3,672	89,551
7. Bank do.	44,000	..	..	..	..	..	..	..	..	..	..
Total, Eastern delta ..	270,000	299,328	581	294,989	548	48,381	..	13,63,779	12,17,193	42,203	11,74,990
Western delta .. 1. Main canal	6,000	8,906	..	8,764	..	..	..	61,624	45,498	308	45,190
2. Nizampatam canal ..	52,000	60,204	19	57,286	19	1,165	..	4,00,109	2,96,113	13,437	2,82,676
3. Bank do.	67,000	52,239	43	36,872	33	1,342	..	3,32,127	2,48,403	86,044	1,62,359
4. Commamore do.	80,000	84,180	16	84,106	16	3,536	..	5,56,670	3,94,913	753	3,94,160
Total, Western delta ..	205,000	205,529	78	187,028	68	6,043	..	13,50,530	9,84,927	1,00,542	8,84,385
Total, Kistna anikat system ..	475,000	504,857	659	482,017	616	54,424	..	27,14,309	22,02,120	1,42,745	20,59,375
Cauvery Anikat System.											
Cauvery section. 1. Cauvery	Not fixed.	197,763	40,519	197,146	39,995	27,748	4,758	13,09,911	10,44,862	8,012	10,36,850
2. Codamurti		36,371	13,223	36,371	13,223	7,911	1,478	3,03,246	2,56,306	..	2,56,306
3. Arasalar		17,391	1,746	17,391	1,746	1,974	153	1,23,615	98,996	..	98,996
4. Tirumalmjanar		9,600	1,603	9,600	1,603	936	17	74,047	59,491	..	59,491
5. Mudikondanar		32,572	2,273	32,572	2,273	2,313	..	2,34,713	1,86,895	..	1,86,895
6. Nattar		17,636	1,580	17,636	1,580	810	..	1,24,160	98,395	..	98,395
7. Kirthimanar		11,843	665	11,843	665	1,301	35	86,278	69,407	..	69,407
8. Virasolan		37,304	3,626	37,304	3,626	1,586	21	2,32,469	1,77,285	..	1,77,285
9. Puthar		10,674	263	10,674	263	682	..	75,036	59,749	..	59,749
10. Solasudamaniyar		9,642	323	9,642	323	520	..	75,176	60,888	..	60,888
11. Manjavoikal		14,928	1,005	14,928	1,005	1,458	..	77,027	56,818	..	56,818
12. Vellappar		18,471	499	18,471	499	754	..	1,15,016	88,199	3	88,196
13. Mahimalayar		11,618	749	11,618	749	660	..	62,221	45,557	..	45,557
14. Petharasanar		2,005	9	2,005	9	108	..	14,086	11,220	..	11,220
15. Vanjiyar		3,765	263	3,765	263	282	..	24,026	18,770	..	18,770
16. Noolar		10,526	631	10,526	631	383	..	66,632	51,287	..	51,287
17. South Puthar		1,266	32	1,266	32	..	..	7,147	5,251	..	5,251
18. Manniyar		35,743	3,004	35,737	3,004	3,680	214	2,60,553	2,09,110	59	2,09,051
Total, Cauvery section ..	..	479,118	72,004	478,495	71,489	53,106	6,676	32,65,359	25,98,486	8,074	25,90,412
Vennar section .. 1. Vennár	Not fixed.	93,514	8,562	93,514	8,562	9,245	159	5,70,083	4,42,606	155	4,42,451
2. Vettar		46,826	2,758	46,826	2,768	4,622	28	3,04,946	2,40,189	123	2,40,066
3. Odambogyar		50,713	744	50,713	744	7,621	13	2,67,052	2,00,981	705	2,00,276
4. Koraiyar		53,324	3,431	53,324	3,431	6,411	124	2,28,461	1,57,303	412	1,56,891
5. Pamaniyar		37,416	2,691	37,416	2,691	8,383	124	1,51,683	1,07,039	..	1,07,039
6. Pandavayar		21,213	308	21,213	308	684	..	1,33,099	1,02,262	65	1,02,197
7. Vellayar		32,083	1,166	32,083	1,166	1,582	7	1,69,134	1,23,434	996	1,22,438
8. Athiveraramanar		4,735	94	4,735	94	571	..	24,569	18,302	5	18,297
9. Harichendranadi		28,144	1,311	28,144	1,311	1,021	23	1,36,088	95,366	1,057	94,309
10. Mulliyar		32,660	1,851	32,660	1,851	6,831	21	1,33,019	92,756	1,115	91,641
11. Iyenar		3,413	172	3,413	172	442	..	16,264	11,676	..	11,676
Total, Vennár section ..	..	404,041	23,098	404,041	23,098	47,413	499	21,34,398	15,91,914	4,633	15,87,281
Total, Cauvery anikat system ..	..	883,159	95,102	882,536	94,587	100,519	7,175	53,99,757	41,90,400	12,707	41,77,693
Srivaikuntam Anikat System.											
1. North Main canal	25,000	10,579	8,621	9,959	8,255	516	227	98,249	87,437	5,518	81,919
2. South do.		12,515	11,073	11,553	10,380	680	254	1,24,841	1,09,807	7,612	1,02,195
Total, Srivaikuntam anikat ..	25,000	23,094	19,694	21,512	18,635	1,196	481	2,23,090	1,97,244	13,130	1,84,114
Barur tank Project	6,887	2,609	1,831	2,609	1,831	130	130	13,935	11,547	14	11,533
Rushikulya Project	Not fixed.	66,267	426	62,901	426	9,077	..	1,60,940	1,18,641	10,535	1,08,106
Pennér Anikat System.											
1. Jaffer Sahib canal	69,385	32,384	1,331	31,602	1,331	5,951	..	1,73,662	1,37,505	4,681	1,32,824
2. Sarvepalli canal		21,005	1,541	20,868	1,541	3,053	..	1,03,201	81,205	1,234	79,971
3. Kistnapatam canal		6,831	268	6,816	268	2,682	..	26,802	21,799	161	21,638
4. Nellore Tank		6,885	106	5,621	106	1,832	..	29,533	22,809	6,577	16,232
Total, Pennér anikat system ..	69,385	67,105	3,246	64,907	3,246	13,518	..	3,33,198	2,63,318	12,653	2,50,665
Sangam Anikat System.											
1. Duvvuru canal	94,000	5,758	812	5,657	812	832	..	32,769	24,485	992	23,493
2. Kanigiri do.		69,105	6,298	67,019	6,298	9,457	..	3,69,182	2,99,244	10,932	2,88,312
Total, Sangam anicut system ..	94,000	74,863	7,110	72,676	7,110	10,289	..	4,01,951	3,23,729	11,924	3,11,805
Kurnool-Cuddapah Canal.											
1. Kurnool district	Not fixed	61,508	4,110	61,508	4,110	..	..	..	* 1,12,981	105	1,12,876
2. Cuddapah district		17,569	4,039	17,569	4,039	..	..	..	63,112	1,247	61,865
Total, Kurnool-Cuddapah canal ..	..	79,077	8,149	79,077	8,149	..	..	..	1,76,093	1,352	1,74,741
Periyár Project	..	52,444	12,836	51,323	12,428	2,671	420	3,15,911	2,78,405	6,925	2,66,480

* Exclusive of Rs. 3,500, value of water supplied to the Kurnool Municipality.

Abstract statement of the extent of Irrigation and the Revenue derived from Irrigation Works for the fasli year 1306 (1896-97)—*cont.*

Class and names of systems and canals.	Expected ultimate area of irrigation.	Area occupied.		Area charged as irrigated.		Area of lands irrigated free of charge included in columns 3 and 4.		Total, land and irrigation revenue.	Share due to irrigation.	Deduct remissions and deductions.	Net revenue due to irrigation.
		First crop.	Second crop.	First crop.	Second crop.	First crop.	Second crop.				
1	2	3	4	5	6	7	8	9	10	11	12
	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	RS.	RS.	RS.	RS.
CLASS II.—AGRICULTURAL WORKS FOR WHICH CAPITAL AND REVENUE ACCOUNTS ARE KEPT.											
Pálár Anikat System.											
1. Káveripak canal	..	19,309	6,352	16,674	4,982	4,225	925	90,321	69,655	14,432	55,223
2. Mahendravadi canal	..	5,870	1,093	4,909	851	502	45	28,989	22,946	3,848	19,098
3. Govindavadi do.	..	7,228	934	7,056	897	1,137	104	30,441	22,321	991	21,330
4. Kambakal do.	..	18,369	3,181	18,210	3,181	2,983	152	60,743	43,808	1,007	42,801
Total, Northern section ..	..	50,776	11,560	46,849	9,911	8,847	1,226	2,10,494	1,58,730	20,278	1,38,452
1. Dusi canal	..	18,634	11,593	18,482	11,561	2,474	2,454	1,04,884	81,034	1,614	79,420
2. Chakramallur canal	..	3,562	1,389	3,543	1,389	189	170	19,527	14,588	133	14,455
3. Kalavai canal	..	1,524	530	1,462	530	86	76	7,699	5,802	225	5,577
Total, Southern section ..	..	23,720	13,512	23,487	13,480	2,749	2,700	1,32,110	1,01,424	1,972	99,452
Total, Pálár anikat system ..	68,700	74,496	25,072	70,336	23,391	11,596	3,926	3,42,604	2,60,154	22,250	2,37,904
Pelandorai Anikat System	7,541	9,233	168	9,223	168	436	..	49,689	34,296	94	34,202
Chembrambakam Tank	18,000	13,042	2,220	13,037	2,200	1,997	123	64,279	46,248	373	45,875
Madras Water-supply and Irrigation Extension Project.											
1. Sholavaram tank	9,852	3,076	554	3,076	554	508	11	11,583	7,894	297	7,597
2. Red Hills do.		4,326	1,787	4,326	1,787	1,075	439	16,791	13,265	64	13,201
Total, Madras Water-supply and Irrigation Extension Project ..	9,852	7,402	2,341	7,402	2,341	1,583	450	28,374	21,159	361	20,798
1. Cumbum tank	Not fixed.	5,534	4,001	5,533	2,586	1,766	1,247	45,297	39,185	5,993	33,192
2. Thadapalli channel		14,686	401	14,530	401	471	..	1,26,362	1,04,897	726	1,04,171
3. Arakankottai channel		4,118	43	4,083	43	103	..	33,250	27,619	210	27,409
4. Kalingaroyen do.		11,272	10,244	11,272	10,244	775	755	1,18,927	1,05,133	130	1,05,003
5. Vallur anikat		5,149	94	5,149	94	2,786	10	13,465	8,632	349	8,283
6. Cheyaru do.		22,104	14,898	22,104	14,898	1,815	1,699	1,22,368	91,200	211	90,989
7. Poiney do.		21,695	4,281	19,903	3,805	2,065	178	1,10,847	82,442	8,337	74,105
8. Lower Coleroon anikat		107,074	1,900	106,994	1,892	8,285	114	6,23,216	3,83,798	734	3,83,064
9. Shatyatope anikat		29,955	3,391	29,846	3,350	1,559	14	1,67,116	1,11,985	244	1,11,741
10. Vriddhachalam do.		6,157	225	6,157	225	104	..	37,426	24,424	8	24,416
11. Mehmattur do.		3,490	59	3,490	59	29	..	23,241	15,141	..	15,141
12. Tirukkóyilúr do.		23,003	2,384	22,893	2,358	1,501	14	1,30,662	92,276	759	91,517
13. Marudur do.		17,545	16,471	17,467	16,441	655	466	2,15,482	1,88,632	2,520	1,86,112
14. Nandyar channel		4,284	1,579	4,054	1,454	43	..	22,946	16,857	1,296	15,561
Ganjam minor rivers system.											
Langulia river .. 1. Doosi main channel ..	Not fixed.	3,992	1,327	3,738	1,327	1,150	..	18,068	12,069	1,087	10,982
2. Wadada do. ..		10,146	1,355	10,096	1,352	3,598	..	34,491	21,970	232	21,738
Total, Langulia river ..	..	14,138	2,682	13,834	2,679	4,748	..	52,559	34,039	1,319	32,720
Vamsadhara river. 1. Purushottapur main channel	Not fixed.	2,939	1,234	2,273	1,234	818	..	12,554	8,673	3,003	5,670
2. Byree do. ..		12,232	2,670	11,394	2,670	2,987	..	44,934	30,401	5,022	25,379
3. Nagarikatakam do. ..		2,836	209	2,664	209	595	..	11,065	6,911	877	6,034
4. Jalmur do. ..		9,040	2,696	8,829	2,696	2,326	..	39,622	26,094	2,169	23,925
5. Looklam do. ..		3,567	75	3,567	75	3,247	..	3,750	2,476	..	2,476
6. Polaky do. ..		10,115	1,008	9,715	1,008	3,310	..	35,127	22,432	1,341	21,091
Total, Vamsadhara river ..	..	40,729	7,892	38,442	7,892	13,283	..	1,47,052	96,987	12,412	84,575
Garibula Gedda Hill Stream	Not fixed.	1,889	196	958	196	165	..	5,511	3,203	2,472	731
Total, Ganjám minor rivers system ..	..	56,756	10,770	53,234	10,767	18,196	..	2,05,122	1,34,229	16,203	1,18,026
CLASS III.—AGRICULTURAL WORKS FOR WHICH INDIVIDUALLY A CONTINUOUS RECORD IS TO BE MAINTAINED.											
Vizagapatam District.											
Sarada river .. 1. Gódávari anikat ..	Not fixed.	6,110	3,939	4,227	3,884	3,939	1,852	22,009	16,193	14,266	1,927
2. Mamidivada do. ..		1,888	981	1,409	503	1,337	430	5,619	4,065	3,278	787
3. Dimili do. ..		865	865	587	587	575	575	3,136	2,114	1,546	568
4. Kattukoolu do. ..		1,282	1,082	654	454	652	652	5,620	3,794	3,911	— 117
5. Kumarapalli do. ..		1,516	1,516	606	607	605	605	6,471	4,658	4,725	— 67
6. Marripallem do. ..		731	731	191	192	191	191	2,959	1,848	2,549	— 701
Total, Sarada river ..	..	12,392	9,114	7,674	6,227	7,299	4,305	45,814	32,672	30,275	2,397
Varaha river .. 1. Pallaparti anikat ..	Not fixed.	3,202	2,244	2,384	1,427	1,865	1,032	10,567	7,412	5,274	2,138
2. Mallelagedda do. ..		603	603	226	227	186	186	1,837	1,226	1,363	— 137
3. Gubbada do. ..		1,888	1,515	1,204	1,086	189	178	8,097	6,289	5,119	1,170
4. Duggada do. ..		1,217	1,098	980	1,019	204	204	8,132	6,091	3,656	2,435
Total, Varaha river ..	..	6,910	5,460	4,794	3,759	2,444	1,600	28,633	21,018	15,412	5,606
Total, Vizagapatam district ..	..	19,302	14,574	12,468	9,986	9,743	5,905	74,447	53,690	45,687	8,003

Abstract statement of the extent of Irrigation and the Revenue derived from Irrigation Works for the fasli year 1306 (1896-97)—*cont.*

Class and names of systems and canals.	Expected ultimate area of irrigation.	Area occupied.		Area charged as irrigated.		Area of lands irrigated free of charge included in columns 3 and 4.		Total, land and irrigation revenue.	Share due to irrigation.	Deduct remissions and deductions.	Net revenue due to irrigation.
		First crop.	Second crop.	First crop.	Second crop.	First crop.	Second crop.				
1	2	3	4	5	6	7	8	9	10	11	12
CLASS III.—AGRICULTURAL WORKS FOR WHICH INDIVIDUALLY A CONTINUOUS RECORD IS TO BE MAINTAINED—*cont.*	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	RS.	RS.	RS.	RS.
Salem District.											
Pennagundapuram tank	Not fixed.	427	427	254	427	..	..	1,794	1,434	1,199	235
Tinnevelly District.											
Támbraparni river. 1. Ariyanayakapuram anikat..	Not fixed.	5,345	5,052	5,345	5,052	689	310	73,000	65,869	949	64,920
2. Palanur do. ..		8,389	7,698	8,389	7,698	457	133	1,07,046	95,376	813	94,563
3. Suttamalli do. ..		6,313	5,455	6,313	5,455	787	407	72,405	64,650	208	64,442
4. Kodamilalaghien do. ..		3,143	2,666	3,143	2,666	1,333	681	20,410	17,074	89	16,985
5. Nathiyuni do. ..		2,349	2,207	2,349	2,207	784	608	21,862	19,901	28	19,873
6. Kannadien do. ..		11,404	11,100	11,404	11,100	476	384	1,82,318	1,62,190	1,462	1,60,728
Total, Tinnevelly district ..	..	36,943	34,178	36,943	34,178	4,526	2,523	4,77,041	4,25,060	3,549	4,21,511
Chingleput District.											
Madurántakam tank	Not fixed.	5,932	799	5,932	799	826	33	21,126	14,599	293	14,306
South Arcot District.											
Myorenady .. Kattumailur anikat	Not fixed.	467	67	467	67	..	..	3,413	2,239	..	2,239
Gadilam river .. 1. Tiruvadi do.	Not fixed.	7,041	1,974	7,020	1,959	478	..	50,989	36,835	205	36,630
2. Vanamadevi do.		803	313	803	313	96	..	6,898	4,828	1	4,827
3. Tiruvendipuram anikat ..		2,020	713	2,020	713	635	24	15,685	11,587	1,777	9,810
Total, Gadilam river ..	..	9,864	3,000	9,843	2,985	1,209	24	73,572	53,250	1,983	51,267
Kullar river .. Vikravandi anikat	Not fixed.	2,275	137	2,275	137	56	..	12,033	8,155	11	8,144
Total, South Arcot district ..	..	12,606	3,204	12,585	3,189	1,265	24	89,018	63,644	1,994	61,650
Coimbatore District.											
1. Cullapuram anikat channel.		1,437	1,424	1,437	1,424	65	51	6,648	5,770	..	5,770
2. Comaralingam do.		2,610	2,148	2,610	2,148	88	61	10,792	8,864	..	8,864
3. Kannadiputtur do.		607	605	607	605	97	97	5,280	4,634	..	4,634
4. Sholamadevi do.		525	525	525	525	118	118	4,683	4,094	..	4,094
5. Kuddattur do.		1,112	1,104	1,112	1,104	140	134	8,405	7,406	20	7,386
6. Kanniyur do.		397	296	397	296	27	22	3,358	2,947	..	2,947
7. Koratalavu do.		577	573	577	573	44	44	4,785	4,204	..	4,204
8. Alinghirur do.		1,034	723	1,034	723	121	120	11,281	9,716	..	9,716
9. Dalavoyapatnam do.		952	386	952	386	200	128	5,646	4,574	..	4,574
10. Dhárápuram do.		2,445	1,392	2,445	1,392	349	304	24,784	21,260	..	21,260
Amaravati river. 11. Calinjeevadi do.		3,221	1,294	3,221	1,294	292	268	22,987	19,103	..	19,103
12. Nanjatalayur do.		362	354	362	354	53	53	2,496	2,081	..	2,081
13. Chinna Dhárápuram do.		1,925	1,872	1,925	1,872	168	108	10,062	8,579	..	8,579
14. Sundakayapalliam do.		259	163	259	163	3	3	1,627	1,348	..	1,348
15. Nanjakalakurchi do.		365	365	365	365	9	9	2,118	1,788	17	1,771
16. Pallapalliam do.		3,796	3,293	3,796	3,293	200	162	22,588	19,072	88	18,984
17. Tirumanallur Korambu channel		941	852	941	852	84	40	4,982	4,248	146	4,102
18. Karúr Balambapuram channel		771	607	771	607	562	404	1,375	1,203	9	1,194
19. Panchamadevi channel ..		272	269	272	269	16	16	1,872	1,563	..	1,563
20. Sonapatty		565	544	565	544	46	36	4,320	3,633	59	3,574
21. Puliyur		1,281	1,267	1,281	1,267	142	127	7,705	6,515	42	6,473
22. Coyenhully		925	816	925	816	83	68	5,024	4,268	136	4,132
Total, Amaravati river ..		26,379	20,872	26,379	20,872	2,907	2,373	1,72,818	1,46,870	517	1,46,353
CLASS IV.—WORKS FOR WHICH NEITHER CAPITAL AND REVENUE ACCOUNTS NOR A CONTINUOUS RECORD OF EXPENDITURE IS KEPT.											
(Imperial.)											
1. Ganjám	Not fixed.	60,364	605	35,991	604	10,298	43	1,71,618	87,838	86,609	1,229
2. Vizagapatam		33,496	28,051	23,284	23,911	13,329	6,193	1,46,464	1,05,708	44,905	60,803
3. Gódávari		47,151	1,448	31,594	1,346	15,661	178	1,54,804	96,783	57,010	39,773
4. Kistna		16,482	..	8,262	..	1,078	..	74,333	50,078	38,239	11,839
5. Nellore		97,388	7,280	91,517	7,280	12,904	457	4,60,471	3,62,471	22,672	3,39,799
6. Cuddapah		60,217	23,367	47,768	22,587	21,276	3,666	3,41,334	2,80,083	83,465	1,96,618
7. Anantapur		50,112	5,315	26,032	5,066	10,013	1,173	2,14,730	1,85,646	1,22,909	62,737
8. Bellary		31,312	6,359	25,356	6,308	6,752	1,396	2,22,745	1,91,565	36,182	1,55,383
9. Kurnool		19,343	3,130	14,580	3,130	7,627	1,019	91,419	69,062	33,669	35,393
10. Chingleput		234,675	38,849	233,343	38,720	22,883	1,530	8,43,436	5,98,165	9,467	5,88,698
11. North Arcot		61,418	24,773	56,964	24,328	6,487	3,932	3,31,822	2,44,599	26,901	2,17,698
12. South Arcot		79,352	13,686	78,919	13,199	3,748	154	4,40,336	3,69,599	3,648	3,05,951
13. Tanjore		18,007	1,618	18,007	1,618	3,374	40	61,516	46,452	90	46,362
14. Trichinopoly		80,208	26,766	80,688	26,753	4,809	781	5,91,859	4,33,549	3,764	4,29,785
15. Madura		49,457	20,995	49,374	19,128	2,628	940	2,67,851	2,24,666	8,017	2,16,649
16. Tinnevelly		55,905	33,150	55,186	33,090	3,611	1,770	4,19,920	3,62,055	4,235	3,57,820
17. Coimbatore		35,499	14,065	34,705	13,501	2,896	798	2,16,092	1,79,764	5,285	1,74,479
18. Salem		32,006	30,700	29,657	28,561	2,960	2,535	2,04,169	1,49,385	13,185	1,36,200
Total, Imperial ..		1,062,392	280,157	940,627	2,69,130	152,334	26,605	52,54,919	39,77,468	6,00,252	33,77,216

Abstract statement of the extent of Irrigation and the Revenue derived from Irrigation Works for the fasli year 1306 (1896-97)—*cont.*

Class and names of systems and canals.	Expected ultimate area of irrigation.	Area occupied.		Area charged as irrigated.		Area of lands irrigated free of charge included in columns 3 and 4.		Total, land and irrigation revenue.	Share due to irrigation.	Deduct remissions and deductions.	Net revenue due to irrigation.
		First crop.	Second crop.	First crop.	Second crop.	First crop.	Second crop.				
1	2	3	4	5	6	7	8	9	10	11	12
CLASS IV.—WORKS FOR WHICH NEITHER CAPITAL AND REVENUE ACCOUNTS NOR A CONTINUOUS RECORD OF EXPENDITURE IS KEPT—*cont.*	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	RS.	RS.	RS.	RS.
(Minor.)											
1. Ganjám		62,524	666	40,187	645	10,997	22	1,40,775	74,064	64,342	9,722
2. Vizagapatam		47,224	44,261	29,088	31,905	13,378	13,255	1,95,336	1,36,524	82,168	54,356
3. Gódávari		58,199	239	30,619	268	14,628	6	1,25,512	86,522	77,890	8,632
4. Kistna		28,377	224	24,596	218	2,214	..	1,31,373	93,636	28,788	64,848
5. Nellore		36,448	6,489	34,523	5,487	5,871	319	1,55,755	1,22,193	10,800	1,11,393
6. Cuddapah		148,289	39,159	117,146	37,829	50,761	9,498	6,24,121	5,09,393	1,86,897	3,22,496
7. Anantapur		72,026	19,030	53,120	18,876	12,413	2,729	2,74,460	2,32,346	87,421	1,44,925
8. Bellary		21,952	6,228	17,941	6,049	5,024	2,568	84,789	70,282	22,007	48,275
9. Kurnool	Not fixed.	26,962	2,634	21,980	2,585	8,794	757	1,12,981	87,666	40,633	47,033
10. Chingleput		119,597	15,094	118,100	15,060	14,281	1,111	3,73,404	2,60,302	9,612	2,50,690
11. North Arcot		159,635	71,320	152,181	70,451	27,174	12,980	8,25,009	6,09,060	58,923	5,50,137
12. South Arcot		206,239	34,244	204,731	34,010	10,013	329	10,68,148	7,35,653	7,411	7,28,242
13. Tanjore		36,686	2,073	36,635	2,073	3,543	117	1,14,491	82,352	1,718	80,634
14. Trichinopoly		41,960	15,710	41,884	15,710	8,855	911	1,60,560	1,16,137	216	1,15,921
15. Madura		91,773	17,688	90,212	17,217	4,721	734	3,62,005	2,80,914	7,270	2,73,644
16. Tinnevelly		92,774	51,451	91,318	50,936	6,753	1,983	5,66,919	4,89,618	18,256	4,71,362
17. Coimbatore		14,091	4,551	13,667	4,390	1,706	244	61,000	48,499	1,622	46,877
18. Salem		80,228	74,166	76,386	70,624	5,674	4,719	3,87,138	2,74,981	21,304	2,53,677
Total, Minor ..	..	1,344,934	404,223	1,194,344	384,273	206,800	52,282	57,63,776	43,10,142	7,27,278	35,82,864
Grand Total (Imperial and Minor) ..	..	2,407,326	684,380	2,134,971	653,403	359,134	78,887	1,10,18,695	82,87,610	13,27,530	69,60,080

APPENDIX III.

COMPARATIVE statement of the area irrigated and the revenue derived in each taluk under the Kurnool-Cuddapah canal for faslis 1305 (1895-96) and 1306 (1896-97).

Talaks.		Area irrigated.				Demand.	Remissions.	Net demand.
		First crop.		Second crop.				
		Wet.	Dry.	Wet.	Dry.			
Kurnool.		ACS.	ACS.	ACS.	ACS.	RS.	RS.	RS.
Nandyal ..	.. {1305	2,477	215	310	458	10,357	4	10,353
	.. {1306	3,928	9,069	161	1,184	29,044	..	29,044
	Difference ..	+ 1,451	+ 8,854	— 159	+ 731	+ 18,687	— 4	+ 18,691
Sirvel ..	.. {1305	1,866	1,530	30	140	9,004	21	8,983
	.. {1306	2,344	11,981	17	426	24,133	..	24,133
	Difference ..	+ 479	+ 10,451	— 13	+ 285	+ 15,129	— 21	+ 15,150
Koilkuntla ..	.. {1305	191	143	37	34	1,260	..	1,260
	.. {1306	208	5,997	12	128	7,565	..	7,565
	Difference ..	+ 17	+ 5,854	— 25	+ 94	+ 6,305	..	+ 6,305
Ramalkot ..	.. {1305	1,605	82	409	24	7,774	..	7,774
	.. {1306	1,872	810	619	152	10,196	..	10,196
	Difference ..	+ 267	+ 728	+ 210	+ 128	+ 2,422	..	+ 2,422
Nandikotkur ..	.. {1305	4,494	831	208	485	18,345	18	18,327
	.. {1306	5,118	20,181	517	905	42,043	105	41,938
	Difference ..	+ 624	+ 19,350	+ 309	+ 420	+ 23,698	+ 87	+ 23,611
Total ..	{1305	10,632	2,801	994	1,136	46,740	43	46,697
	{1306	13,470	48,038	1,316	2,794	*1,12,981	105	1,12,876
Difference ..		+ 2,838	+ 45,237	+ 322	+ 1,658	+ 66,241	+ 62	+ 66,179
Cuddapah.								
Cuddapah ..	.. {1305	6,792	606	2,826	249	35,798	1,520	34,278
	.. {1306	6,987	1,389	2,027	432	35,398	1,192	34,206
	Difference ..	+ 195	+ 833	— 799	+ 183	— 396	— 328	— 67
Proddatur ..	.. {1305	2,831	3,030	4	1,078	21,928	85	21,843
	.. {1306	3,313	5,192	42	1,538	26,860	55	26,805
	Difference ..	+ 482	+ 2,162	+ 38	+ 460	+ 4,932	— 30	+ 4,962
Jammalamadugu	.. {1305	15	9	..	..	129	8	121
	.. {1306	11	727	..	..	854	..	854
	Difference ..	— 4	+ 718	..	..	+ 725	— 8	+ 733
Total ..	{1305	9,638	3,545	2,830	1,327	57,850	1,613	56,237
	{1306	10,311	7,258	2,069	1,970	63,112	1,247	61,865
	Difference ..	+ 673	+ 3,713	— 761	+ 643	+ 5,262	— 366	+ 5,628
Grand Total ..	{1305	20,270	6,346	3,824	2,463	1,04,590	1,656	1,02,934
	{1306	23,781	55,296	3,385	4,764	1,76,093	1,852	1,74,241
	Difference ..	+ 3,511	+ 48,950	— 439	+ 2,301	+ 71,503	— 304	+ 71,807

* Excludes Rs. 3,600 being value of water supplied to the Kurnool Municipality.

APPENDIX IV.

STATEMENT showing the total area actually irrigated by flow or lift under classes I and II works and the quantity and the value of crops raised thereon during 1896–97.

Name of system.	Area irrigated.						Area irrigated with different crops.										
	First crop.		Second crop.		Total.	Both seasons.	Paddy.				Ragi.				Other crops.		
	Flow.	Lift.	Flow.	Lift.			Extent.	Total outturn in tons.	Total value.	Value of average outturn per acre.	Extent.	Total outturn in tons.	Total value.	Value of average outturn per acre.	Extent.	Value.	Value of average outturn per acre.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
CLASS I WORKS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	TONS.	RS.	RS.	ACS.	TONS.	RS.	RS.	ACS.	RS.	RS.
1. Gódávari anikat	618,085	13,326	132,182	6,363	769,956	10,288	588,962	275,502	1,57,56,267	26·8	4,272	1,107	57,365	13·4	135,368	24,72,569	18·3
2. Kistna do.	470,285	9,426	480	174	480,365	..	464,183	219,694	1,19,18,872	25·7	4,131	541	33,964	8·2	6,529	1,39,167	21·3
3. Cauvery do.	814,304	37,264	87,755	3,781	943,104	5,418	896,448	501,684	2,28,04,242	25·4	15,273	3,458	139,076	9·1	27,726	2,73,474	13·4
4. Pennér anikat	61,290	665	3,244	2	65,201	10	60,668	19,911	10,93,287	18·0	823	105	4,571	5·5	2,715	9,185	3·4
5. Sangam do.	67,878	975	6,870	240	75,963	110	67,991	23,499	12,90,299	18·9	1,290	201	8,749	6·7	5,482	42,604	7·8
6. Srivaikuntam anikat ..	19,029	790	15,141	368	35,328	523	32,077	7,324	4,14,653	12·9	213	19	907	4·2	2,457	16,570	6·7
7. Barur tank Project	2,521	18	1,213	1	3,753	249	3,352	1,566	85,987	25·6	123	21	944	7·6	278	2,460	8·8
8. Rushikulya do.	62,938	3,216	378	29	66,561	86	62,978	23,722	10,28,596	16·3	256	25	1,173	4·6	889	27,820	31·3
9. Kurnool-Cuddapah canal ..	76,452	1,444	7,858	202	85,956	223	20,244	9,973	5,91,141	29·2	3,563	586	28,090	7·9	58,099	8,27,041	14·2
10. Periyár Project	48,517	106	11,931	19	60,573	736	51,784	17,160	8,37,073	16·2	3,333	490	22,499	6·8	5,333	86,393	16·2
CLASS II WORKS.																	
11. Pálár anikat	63,949	1,165	21,420	202	86,736	769	72,922	23,940	12,71,367	17·4	7,286	673	32,992	4·5	4,999	27,400	5·5
12. Pelandorai anikat	8,965	46	164	4	9,179	129	8,871	3,122	1,42,735	16·1	42	7	306	7·3	266	10,359	38·9
13. Chembrambakkam tank ..	12,284	150	2,170	9	14,613	685	12,839	3,204	1,77,714	13·8	593	54	3,014	5·1	1,157	37,504	32·4
14. Madras water-supply and irrigation extension Project	6,614	269	2,304	37	9,224	70	7,932	1,773	98,341	12·4	558	53	2,958	5·3	734	5,002	6·8
15. Cumbum tank	5,360	81	1,325	2	6,768	315	4,253	1,931	1,14,672	27·0	482	83	4,909	10·2	2,030	35,596	17·5
16. Thadapalli channel	14,336	187	241	78	14,842	244	13,926	8,086	4,62,588	33·2	149	16	741	5·0	764	29,189	38·2
17. Arakankottai do.	4,006	65	21	22	4,114	25	4,034	2,811	1,60,813	39·9	16	2	93	5·8	64	1,889	29·5
18. Kalingarayan do.	9,208	2,008	7,969	1,351	20,536	697	16,324	9,992	5,71,628	35·0	2,048	330	15,281	7·5	2,008	83,539	41·6
19. Vallur anikat	3,946	391	86	8	4,431	56	3,912	755	41,877	10·7	130	8	446	3·4	389	2,481	6·4
20. Cheyaru do.	20,781	279	10,623	280	31,963	40	28,219	9,676	5,08,308	18·0	2,790	304	14,446	5·2	951	4,665	4·9
21. Poiney do.	18,469	392	3,794	100	22,755	298	17,246	5,949	3,12,518	18·1	3,609	331	15,729	4·4	1,743	16,913	9·7
22. Lower Coleroon anikat ..	104,182	775	1,808	79	106,844	211	105,032	55,090	25,13,767	23·9	394	83	3,473	8·8	1,186	13,774	11·6
23. Shatyatope do. ..	28,531	307	3,324	67	32,229	77	29,794	12,783	5,84,425	19·6	1,577	297	12,980	8·2	836	13,855	16·6
24. Vriddhachalam do. ..	6,036	25	225	..	6,286	67	6,022	2,791	1,27,602	21·2	139	18	787	5·7	125	8,196	65·6
25. Mehmattur do. ..	3,480	..	59	..	3,539	41	3,393	2,063	94,318	27·8	94	26	1,136	12·1	52	3,516	67·6
26. Marudur do. ..	16,778	278	13,342	182	30,580	591	27,091	8,239	4,66,457	17·2	810	114	5,441	6·7	2,609	22,516	8·6
27. Tirukkóyilur do. ..	21,589	281	2,366	18	24,254	368	21,649	7,725	3,53,179	16·3	1,459	258	11,276	7·7	1,039	31,811	30·6
28. Ganjám minor rivers system.	54,001	2,154	10,106	662	66,923	175	52,985	23,805	10,32,195	19·5	1,093	104	4,878	4·5	8,047	36,385	4·5
29. Nandyar channel	3,934	282	1,422	157	5,795	216	4,018	1,285	61,048	15·2	924	120	5,081	5·5	775	21,750	28·1

Note.—(1) The area under "both seasons" is included under first and second crops.
(2) The areas in columns 2 to 6 include extent under withered crops and exclude waste charged.
(3) Kurnool-Cuddapah canal :—The areas in columns 2 to 6 include extent under withered crops and 4,050 acres of other crops for which value was not furnished by the Collector of Kurnool and exclude waste charged and an extent of 852 acres irrigated by the canal in the Nizam's territory.

APPENDIX V.

STATEMENT showing the incidence of water-rate under Classes I and II works for fasli 1306 (1896–97).

	First crop.												
	Government.						Zamindari.						
								Charged.					
	Extent of wet lands.	Water-rate of wet lands.	Rate per acre.	Extent of dry crops irrigated.	Water-rate of dry crops irrigated.	Rate per acre.	Irrigated free of charge for water.	Extent of wet lands.	Water-rate of wet lands.	Rate per acre.	Extent of dry crops irrigated.	Water-rate of dry crops irrigated.	Rate per acre.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
CLASS I WORKS.	ACS.	RS.	RS.	ACS.	RS.	RS.	ACS.	ACS.	RS.	RS.	ACS.	RS.	RS.
1. Gódávari anikut	308,408	14,84,505	4·81	10,558	26,967	2·55	54,787	38,572	2,04,413	5·29	4,419	14,558	3·29
2. Kistna do.	295,205	14,49,970	4·91	6,962	27,464	3·94	16,443	73,442	3,48,366	4·74	5,475	20,706	3·78
3. Cauvery anikat	751,235	37,28,965	4·96	21,625	54,021	2·50	413	..	..	..	..	..	..
4. Pennér do.	50,908	2,29,808	4·51	296	745	2·52	..	..	..	..	..	..	..
5. Sangam do.	62,055	2,84,585	4·58	997	2,220	2·23	..	..	..	..	..	..	..
6. Srivaikuntam anikat	20,507	1,27,528	6·22	221	755	3·42	126	607	2,369	3·90	136	302	2·22
7. Barur tank Project	2,336	8,739	3·74	50	145	2·90	..	..	..	..	13	60	4·61
8. Rushikulya do.	33,898	64,467	1·90	2,206	5,394	2·45	2,321	9,348	20,002	2·13	119	166	1·39
9. Kurnool-Cuddapah canal	16,503	54,283	3·29	35,233	43,780	1 24	..	..	..	..	..	..	..
10. Periyár Project	49,100	2,34,778	4·78	112	359	3·20	..	24	119	4·95	..	..	..
CLASS II WORKS.													
11. Pálár anikat	61,967	1,99,519	3·22	712	1,784	2·51	..	..	..	..	..	..	..
12. Pelandorai anikat	8,261	31,394	3·80	49	176	3·59	..	..	..	..	..	..	..
13. Chembrambakam tank	10,984	38,775	3·53	43	103	2·40	..	..	..	..	..	..	..
14. Madras water-supply and irrigation extension Project	5,765	15,533	2·69	44	117	2·66	133	..	..	..	..	..	..
15. Cumbum tank	3,666	23,003	6·30	64	154	2·41	..	..	..	..	..	..	..
16. Thadapalli channel	13,846	1,00,829	7·21	161	453	2·81	..	..	..	..	..	..	..
17. Arakankottai do.	3,894	26,702	6·86	54	155	2·87	..	..	..	..	..	..	..
18. Kalingaroyan do.	8,189	58,152	7·10	1,513	4,316	2·85	..	..	..	..	..	..	..
19. Vallur anikat	2,252	6,279	2·79	16	33	2·06	..	..	..	..	..	..	..
20. Cheyáru do.	19,778	63,463	3·21	257	664	2·58	..	..	..	..	..	..	..
21. Poiney do.	18,773	67,898	3·62	777	1,969	2·53	..	..	..	..	..	..	..
22. Lower Coleroon anikat	97,009	3,66,909	3·75	715	1,921	2·69	..	..	..	..	..	..	..
23. Shatyatope do.	27,414	98,144	3·59	740	1,976	2·67	..	..	..	..	..	..	..
24. Vriddhachalam do.	5,960	23,283	3·91	46	156	3·39	..	..	..	..	..	..	..
25. Mehmattur do.	3,193	13,873	4·35	8	23	2·87	..	..	..	..	..	..	..
26. Marudur do.	16,847	1,16,654	6·92	43	194	4·51	..	..	..	..	..	..	..
27. Tirukkóyilúr do.	20,506	81,168	3·95	704	1,778	2·53	..	..	..	..	..	..	..
28. Ganjám minor rivers system ..	38,009	98,401	2·59	48	86	1·79	3,257	147	187	1·27	..	..	..
29. Nandyar channel	3,458	10,558	3·05	38	88	2·32	..	..	..	..	..	..	..

Statement showing the incidence of water-rate under Classes I and II works for fasli 1306 (1896-97)—*cont.*

	First crop—*cont.*							Second crop.			
		Charged.							Charged.		
	Irrigated free of charge for water.	Extent of wet lands.	Water-rate of wet lands.	Rate per acre.	Extent of dry crops irrigated.	Water-rate of dry crops irrigated.	Rate per acre.	Irrigated free of charge for water.	Extent.	Water-rate.	Rate per acre.
	15	16	17	18	19	20	21	22	23	24	25
	ACS.	ACS.	RS.	RS.	ACS.	RS.	RS.	ACS.	ACS.	RS.	RS.
CLASS I WORKS.											
1. Gódávari anikut	71,792	136,983	6,88,081	5·02	13,787	42,580	3·09	294	138,948	4,51,894	3·25
2. Kistna do.	37,981	66,274	3,31,215	5·00	3,075	13,377	4·36	..	659	2,394	3·63
3. Cauvery anikat	100,106	6,562	25,968	3·96	3,218	8,515	2·65	7,175	87,927	3,30,306	3·76
4. Pennér do.	13,518	2,247	8,965	3·99	136	355	2·61	..	3,246	8,002	2·46
5. Sangam do.	10,289	1,247	4,882	3·91	275	732	2·66	..	7,110	21,751	3·06
6. Srivaikuntam anikat	1,070	426	1,723	4·05	1	5	5 00	481	19,213	63,096	3·28
7. Barur tank Project	130	29	117	4·03	51	196	3·84	130	1,701	2,145	1·26
8. Rushikulya do.	6,756	9,671	19,625	2·03	1,948	4,220	2·16	..	426	643	1·51
9. Kurnool-Cuddapah canal	..	7,278	26,612	3·66	20,063	24,014	1 20	..	8,149	18,633	2·29
10. Periyár Project	2,671	472	1,971	4·18	65	249	3·83	420	12,416	33,644	2·71
CLASS II WORKS.											
11. Pálár anikat	11,596	114	357	3·13	107	285	2·66	3,926	21,146	52,157	2·47
12. Pelandorai anikat	436	478	1,943	4·06	9	40	4·44	..	168	515	3·07
13. Chembrambakam tank	1,997	11	36	3·27	7	7	1·00	123	2,097	5,797	2·76
14. Madras water-supply and irrigation extension project	1,450	6	15	2·50	4	11	2·75	450	1,891	3,869	2·05
15. Cumbum tank	1,766	32	157	4·91	6	36	6·00	1,247	2,754	10,759	3·91
16. Thadapalli channel	471	95	380	4·00	113	433	3·83	..	401	1,367	3·43
17. Arakankottai do.	103	64	254	3·97	3	7	2·33	..	43	137	3·19
18. Kalingaroyan do.	775	173	802	4·64	622	2,172	3·49	755	9,489	36,230	3·82
19. Vallár anikat	2,786	15	59	3·93	80	219	2·74	10	84	192	2·29
20. Cheyaru do.	1,815	187	571	3·05	67	200	2·99	1,699	13,199	22,207	1·68
21. Poiney do	2,065	21	82	3·90	59	148	2·51	178	4,103	10,972	2 67
22. Lower Coleroon anikat	8,285	959	3,762	3·92	106	346	3·26	114	1,786	5,669	3·17
23. Shatyatope do.	1,559	177	705	3·98	65	229	3·52	14	3,377	10,033	2·97
24. Vriddhachalam do.	104	38	152	4·00	9	33	3·67	..	225	699	3·11
25. Mehmattur do.	29	253	1,004	3·97	7	23	3·29	..	59	210	3·56
26. Marudur do.	655	..	..	..	..	..	..	466	16,005	68,961	4·31
27. Tirukkóyilár do.	1,501	207	661	3·19	85	372	4·38	14	2,370	7,343	3 10
28. Ganjám minor rivers system	14,939	311	774	2·49	46	94	2·09	..	10,770	20,362	1·89
29. Nandyar channel	43	30	116	3·87	715	2,540	3 55	..	1,579	3,523	2·23

APPENDIX VI.

STATEMENT showing the water-rates per acre which were in force under Classes I and II, Works, in Madras Presidency during the year ending 30th June 1897.

Description of crop.	Gódávari and Kistna anikats.		Kurnool-Cuddapah canal.		Srivaikuntam and Marudur anikats.		Rushikulya Project.		Other systems.	
	Irrigation by		Irrigation by		Irrigation by		Irrigation by		Irrigation by	
	Flow.	Lift.	Flow.	Lift.	Flow.	Lift.	Flow.	Lift.	Flow.	Lift.
	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.
1. Single wet crop irrigated	5 0 0	3 12 0	4 0 0	3 0 0	..	..	..	..	..	..
2. Second wet crop on irrigated lands	5 0 0	3 12 0	3 0 0	2 4 0	..	..	..	..	..	..
3. If compounded for two crops for a term of not less than five years	8 2 0	6 1 6	6 0 0	4 8 0	..	..	..	..	..	..
4. Sugarcane, betel, plantains, and other garden produce remaining on the ground for the time of two crops	10 0 0	7 8 0	6 0 0	4 8 0	..	..	..	..	..	..
5. Sugarcane, betel, plantains, and other garden produce, if compounded for a term of not less than five years	8 2 0	..	..	..	..	..	..	..	..	..
6. Single dry crops	..	..	1 0 0	0 12 0	..	..	..	..	..	..
7. Second dry crop on irrigated lands	2 8 0	1 14 0	1 0 0	0 12 0	..	..	..	..	..	..
8. Dry crop whether first or second crop grown on land for which irrigation has never been supplied, or if once supplied, discontinued	2 8 0	1 14 0	1 0 0	0 12 0	..	..	..	..	..	..
9. Garden crops (class II of Madras Irrigation Canal Company's rules)	..	..	3 0 0	2 4 0	..	..	..	..	..	..
10. Mundla (tailed or coarse paddy)	..	..	2 0 0	1 8 0	..	..	..	..	..	..
11. Single wet crop on—										
(*a*) Wet or mamul irrigated lands in zemin and whole inam villages, the old sources of supply to which have not been interfered with, but for which canal water is taken	..	..	..	..	..	..	2 0 0	1 8 0	..	..
(*b*) All rain-fed paddy (manavari) lands	..	..	..	..	..	..	1 8 0	1 2 0	..	..
12. Second wet crops on the above	..	..	..	..	..	..	4 8 0	3 6 0	..	..
13. Sugarcane, betel, &c., requiring water longer than ordinary wet crops on lands falling under 11	..	..	..	..	..	..	1 8 0	1 2 0	..	..
14. Dry crops watered, whether first or second crop on lands falling under 11	..	..	..	..	..	..	1 8 0	1 2 0	..	..
15. Second wet crop or sugarcane, betel, plantains, &c., requiring water longer than ordinary wet crop raised on wet lands in zemin and whole inam villages deprived wholly or partially of their old sources of irrigation, but which are entitled to free irrigation for only one wet crop—G.O., No. 6195, R.D., dated 3rd December 1891	..	..	..	..	..	..	1 8 0	1 2 0	..	..
16. Dry crop raised as second crop on do.	..	..	..	..	..	..	1 8 0	1 2 0	..	..
17. Dry crop raised as second crop on single crop wet in Government villages	..	..	..	..	4 0 0	3 0 0	3 0 0	2 4 0	4 0 0	3 0 0
18. Single wet crop raised on dry land	..	..	..	..	4 0 0	3 0 0	1 8 0	1 2 0	2 0 0	1 8 0
19. Second crop on the same land	..	..	..	..	6 0 0	4 8 0	4 8 0	3 6 0	6 0 0	4 8 0
20. Sugarcane, betel, cocoanuts, plantains, &c., on dry land requiring water longer than an ordinary wet crop	..	..	..	..	2 0 0	1 8 0	1 8 0	1 2 0	2 0 0	1 8 0
21. Dry crop watered, whether first or second	..	..	..	..						

APPENDIX VIII—*cont.*

Statement showing the particulars of cultivation, revenue demand and remissions under the Kurnool-Cuddapah canal in the district of Cuddapah for fasli 1306.
Form A—*vide* Board's Proceedings, dated 8th July 1889, No. 338 (R.S. &c.).

Description of crops.		Area.	Water-rate.	Final demand.	Remissions.			Net demand.	Remarks.
					Failure of crops by excess or deficiency of water.	Other causes.	Total.		
		ACS.	RS. A. P.	RS. A. P.		RS. A. P.	RS. A. P.	RS. A. P.	
1. Single wet crop on irrigated land ..	Flow ..	7,437·44	4 0 0	29,757 14 0	..	..	..	29,757 14 0	
	Lift ..	8·87	3 0 0	26 10 0	..	..	..	26 10 0	
Penal rate, *i.e.*, 1½ times	..	2·21	6 0 0	13 5 0	..	..	..	13 5 0	
2. Second crop on irrigated land ..	Flow ..	50·0	1 8 0	75 0 0	..	..	..	75 0 0	This is the charge on the second-crop cultivation at a compounded rate of Rs. 1-8-0 to be paid in all years in the village of Krishnapuram as per Board's Proceedings, No. 20, dated 11th January 1894.
	,, ..	7·65	3 0 0	22 15 0	..	..	..	22 15 0	
3. Composition for two crops for a term of not less than five years.	Flow ..	..	..	..	..	..	..	..	
	Lift ..	..	..	..	..	..	..	..	
4. Sugarcane, betel garden and other garden produce remaining on the ground for the time of two crops.	Flow ..	137·63	6 0 0	826 14 0	..	..	..	826 14 0	
	Lift ..	1·25	4 8 0	5 11 0	..	..	..	5 11 0	
Penal rates, *i.e.*, 1½ times	..	..	..	..	..	..	..	..	
5. Single dry crops	Flow ..	5,608·79	1 0 0	5,619 12 0	..	..	..	5,619 12 0	
	Lift ..	32·08	0 12 0	24 3 0	..	..	..	24 3 0	
Penal rate	Flow ..	264·34	1 8 0	397 1 0	..	..	..	397 1 0	
Mundlapaddy	,, ..	10·71	2 0 0	21 7 0	..	..	..	21 7 0	
Penal rate	..	13·03	3 0 0	39 3 0	..	..	..	39 3 0	
6. Second dry crop if not compounded	..	..	..	..	..	..	..	..	
7. Dry crops on land for which irrigation has never been supplied or if supplied discontinued.	..	..	..	..	..	..	..	..	
8. Garden crops (garden ragi, onions, chillies, sweet potatoes, tobacco, maize garden, korra, indigo, vegetables, wheat, cummin seeds, bariga and menthulu). Class 2 of Madras Irrigation and Canal Company rules.	Flow ..	6,383·70	3 0 0	19,167 3 0	..	..	..	19,167 3 0	
	Lift ..	265·87	2 4 0	598 14 0	..	..	..	598 14 0	
	Flow ..	·57	2 8 0	1 7 0	..	..	..	1 7 0	Half the wet assessment was charged for second crop cultivation on wet lands.
	,, ..	·45	2 0 0	0 14 0	..	..	..	0 14 0	
Penal rate	Flow ..	152·64	4 8 0	688 6 0	..	..	..	688 6 0	
Cowle and block rate lands ..	Flow ..	2·46	6 0 0	14 12 0	..	3 10 0	3 10 0	11 2 0	
	,, ..	737·78	4 0 0	2,952 15 0	..	850 3 0	850 3 0	2,102 12 0	
	,, ..	314·13	3 0 0	942 10 0	..	325 6 0	325 6 0	617 4 0	
	,, ..	161·72	1 0 0	162 1 0	..	58 2 0	58 2 0	103 15 0	
	Lift ..	11·54	2 4 0	25 15 0	..	8 9 0	8 9 0	17 6 0	
	,, ..	3·72	0 12 0	2 13 0	..	0 11 0	0 11 0	2 2 0	
Value of water supplied to Government tanks.	..	..	..	1,724 5 9	..	..	..	1,724 5 9	
Total ..		21,608·58	..	63,112 2 9	..	1,246 9 0	1,246 9 0	61,865 9 9	

No. 164 I.

Note by the Chief Engineer for Irrigation.

The statements showing the irrigation revenue derived from all irrigation works during the fasli year 1306 (1896-97), forwarded by the Board of Revenue), Revenue Settlement, Land Records and Agriculture), and the Board's * review thereon, are submitted to Government.

* Received on the 6th May 1898.

2. In the accompanying statement compiled in this office, the areas irrigated under, the revenue derived from, and the working expenses incurred on, all irrigation works in the Presidency are contrasted with the corresponding figures of the previous year. The total area irrigated was 6·08 millions of acres, the irrigation revenue was Rs. 195·22 lakhs and the working expenses amounted to Rs. 42·38 lakhs, against 6·33 millions of acres, Rs. 205·57 and Rs. 37·91 lakhs, respectively, in the previous year. Compared with the previous year, there was an increase in the area irrigated under, revenue derived from, and working expenses incurred on, Class I works. The areas irrigated under, and the revenue derived from works under the other classes were less, while the working expenses were more, than in the previous year.

CLASS I—MAJOR (PRODUCTIVE) WORKS.

Systems.

3. *Gódávari Delta System.*—The areas irrigated both under first and second crops in all the three sections of the delta were more than in the previous year, though under first crop there was a decrease under the Cocanada and Samalkot canals in the Eastern section, the Gunnavaram canal in the Central section and the Bank and Narsapur canals in the Western section, while under second crop, there was a decrease in the Western section, while under second crop, there was a decrease under the Main, Gunnavaram and Amalápuram canals in the Central section, and the Gostanadi and Velpur, Ellore, Attili, Venkayya and Wyair and junction canals in the Western section. The increase in the area irrigated, of 56,723 acres and in the revenue derived of Rs. 2,31,951 during the year occurred chiefly under "Dry converted into wet"; "Inams irrigated and charged" and "Second crop." The increase would have been greater but for the fact that floods in the Gódávari river caused damage to the crops in several villages in Narsapur, Amalápuram and Ramachendrapuram taluks and in the Cocanada division, and in consequence large remissions had to be granted amounting to Rs. 2,65,120 against Rs. 1,49,523 in the previous year.

4. *Kistna Delta System.*—Except under the Masulipatam and Bantumilli canals in the Eastern section and the Nizampatam, Bank and Commamur canals in the Western section, the areas irrigated under all the canals of this system under first crop were more than in the previous year. Though there was an increase of 1,258 acres in the total area irrigated the revenue derived was Rs. 32,920 less than in the previous year. The decrease occurred chiefly under receipts under zemindari and inams owing to remissions granted during the year, which amounted to Rs. 24,106 and Rs. 25,695, respectively, against Rs. 8,626 and Rs. 10,772 in the previous year. The working expenses exceeded those of the previous year by Rs. 1,27,624, the increase being chiefly due to extensive repairs carried out during the year in restoring damages to works caused by the abnormal floods in the river during August 1896.

5. *Penner Anicut System.*—Compared with the previous year, there was a decrease of 1,975 acres in the area irrigated under, and of Rs. 13,183 in the revenue derived from, this system, the falling off being due to the unfavourable character of the season. The remissions granted amounted to Rs. 12,653 against Rs. 3,568 in the previous year.

6. *Sangam Anicut System.*—Under this system, there was an improvement in the area irrigated of 2,439 acres and in the revenue derived of Rs. 4,118 during the year.

7. *Kurnool-Cuddapah Canal.*—The area irrigated under this canal was 87,226 acres, or 54,323 acres more than in the previous year, and the revenue derived exceeded that of the preceding year by Rs. 30,810, the increase being the result of a more extensive use of water owing to scanty rainfall. The total net demand of the year, viz., Rs. 1,74,741, exceeded the revenue realised in any previous year except the great famine year. The uncollected balance of the demand at the beginning of the year was Rs. 28,831; at the close of the year, it stood at Rs. 78,652.

8. *Barur Tank System.*—The areas irrigated under both first and second crops amounted to 4,440 acres against 4,229 acres in the previous year. The revenue derived was Rs. 511 more than that obtained in the preceding year.

9. *Cauvery Delta System.*—The areas irrigated under first and second crops were 3,794 and 6,186 acres, respectively, less than in the previous year, and the revenue derived was Rs. 41,77,693 against Rs. 41,89,530 in 1895–96. The decrease of Rs. 11,837 in revenue was partly due to the grant of remissions both in the Tanjore and Trichinopoly districts on account of floods in the Cauvery. The increase in remissions during the year amounted to Rs. 3,332.

10. *Srivaikuntam Anicut System.*—Owing to the favourable character of the season, there was an increase in the area irrigated of 6,185 acres, and in the revenue derived therefrom of Rs. 27,376. The increase of Rs. 47,283 under working expenses during the year was chiefly owing to a heavy expenditure having been incurred in restoring works of the system which were damaged by floods during the year.

11. *Periyár Project.*—This project was brought into operation during the year. The areas irrigated under both first and second crops amounted to 51,323 and 12,428 acres, respectively, while the revenue derived and the working expenses incurred were Rs. 2,66,480 and Rs. 58,227, respectively.

MAJOR (PROTECTIVE) WORK.

12. *Rushikulya Project.*—The area irrigated under this project was extended from 35,917 acres in 1895–96 to 63,327 acres in 1896–97, the increase in revenue resulting from the extension being Rs. 44,571. The failure of the north-east monsoon created an unusual demand for water, and from October the Russellkonda reservoir was the only source available to supply lands in the Goomsur and Berhampur taluks.

CLASS II WORKS—MINOR WORKS SYSTEM FOR WHICH CAPITAL AND REVENUE ACCOUNTS ARE KEPT.

13. As compared with the previous year, there was a decrease of 10,803 acres in the total area irrigated under these systems, and of Rs. 30,221 in the revenue derived therefrom. There was a decrease in the revenue derived from all the systems, excepting those marginally noted. The bulk of the decrease occurred under the Pálár anicut system under which remissions, amounting to Rs. 22,250, were granted during the year, owing to the unfavourable character of the season, against Rs. 4,174 in the previous year.

Pelandorai anicut system.
Chembrambakam tank system.
Madras Water-supply and Irrigation extension.
Thadapalli channel system.
Arkenkottai channel system.
Cheyaru anicut system.
Shatiatope anicut system.
Vriddhachalam anicut system.
Mehmattur anicut system.
Maradur anicut system.
Nandyar channel.

CLASS III WORKS—MINOR WORKS SYSTEMS FOR WHICH A CONTINUOUS RECORD OF EXPENDITURE IS KEPT.

14. Under this class, there was a falling off in the total area irrigated of 12,890 acres, and in the revenue derived of Rs. 47,880. The largest decrease in the revenue derived occurred in Vizagapatam, an affected district, where Rs. 45,687 were remitted during the year against only Rs. 392 in the previous year.

CLASS IV WORKS—MINOR WORKS PUBLIC WORKS AND REVENUE DEPARTMENTS.

—	Decrease.	
	Area irrigated.	Revenue.
	ACS.	RS.
Ganjám	64,229	1,68,907
Vizagapatam	46,720	1,31,148
Gódávari	46,777	1,44,398
Kistna	13,997	72,189
Cuddapah	58,671	2,83,766
Anantapur	51,336	2,17,813
Bellary	11,932	59,301
Kurnool	17,042	94,102
Chingleput	11,434	27,042
North Arcot	19,817	88,470
South Arcot	18,357	50,263
Trichinopoly	8,362	14,686
Madura	70,867	2,07,914
Coimbatore	758	1,059
Salem	12,989	39,960

15. Under this class, there was a decrease of 426,889 acres in the total area irrigated and of Rs. 15,04,397 in the revenue derived. There was a decrease both in areas irrigated and in the revenue derived in all the districts, except Nellore, Tanjore and Tinnevelly as shown in the margin. The increase in the revenue derived in these three districts amounted to Rs. 96,621. The decrease in the other districts was due to the adverse character of the season which, in the Ganjám, Vizagapatam, Cuddapah, Bellary, Anantapur and Kurnool districts, developed into famine. The remissions granted under this class during the year amounted to Rs. 1,327,530 against Rs. 3,49,885 in the previous year.

(Signed) W. HUGHES,
Chief Engineer for Irrigation.

23rd May 1898.

ENCLOSURE.

STATEMENT comparing the areas irrigated under, the revenue derived from, and the working expenses incurred on irrigation works during 1896–97, with those of the previous year.

—	Area charged as irrigated (first and second crop.)		Irrigation revenue.		Gross working expenses, 1896–97.						Gross working expenses, 1895–96.
	Fasli 1306 (1896–97.)	Fasli 1305 (1895–96.)	Fasli 1306 (1896–97.)	Fasli 1305 (1895–96.)	Extensions and improvements.	Maintenance and repairs.	Establishment.	Tools and plant.	Indirect charges.	Total.	
1	2	3	4	5	6	7	8	9	10	11	12
			RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
CLASS I.—MAJOR WORKS.											
Productive.											
Gódávari delta system	739,849	683,126	26,79,408	24,47,457	19,768	2,42,089	2,28,370	38,125	32,559	5,60,911	5,32,508
Kistna do.	482,633	481,375	20,59,375	20,92,295	14,426	4,17,721	2,26,098	51,085	31,697	7,41,027	6,13,403
Pennéru anikat system	68,153	70,128	2,50,665	2,63,848	2,713	21,153	20,455	31	2 864	47,216	51,423
Sangam do.	79,786	77,347	3,11,805	3,07,687	5,526	31,411	26,848	..	3,758	67,543	75,209
Kurnool-Cuddapah canal	87,226	32,903	1,33,744	1,02,934	9,184	52,787	23,216	1,200	3,250	89,637	1,02,754
Barur tank project	4,440	4,229	11,533	11,022	904	1,613	1,145	..	173	3,835	3,390
Cauvery delta system	977,126	987,103	41,77,693	41,89,530	19,576	83,863	2,72,418	4,047	38,230	4,18,134	4,01,151
Srívaikuntam anikat system	40,147	33,962	1,84,114	1,56,738	421	55,397	24,027	..	3,364	83,209	35,926
Periyár project	63,751	..	2,66,480	..	..	40,000	15,989	..	2,238	58,227	..
Protective.											
Rushikulya project	63,327	35,917	108,106	63,535	..	31,648	7,291	812	1,021	40,772	29,830
Total ..	2,606,435	2,406,090	1,01,82,923	96,35,046	72,518	9,77,682	8,45,857	95,300	1,19,154	21,10,511	18,48,594
CLASS II.—MINOR WORKS.											
Works for which Capital and Revenue Accounts are kept.											
Ganjám minor rivers system	64,001	61,496	1,18,026	1,21,387	..	9,073	2,121	..	297	11,491	1,308
Cumbum tank system	8,119	9,998	33,192	40,832	59	745	185	..	26	1,015	922
Thadapalli channel system	14,931	14,746	1,04,171	1,02,858	4,238	8,324	1,323	..	185	9,070	3,626
Arkenkota do.	4,126	4,134	27,409	27,389	689	1,477	369	..	52	2,587	1,539
Kalingarayen do.	21,516	21,624	1,05,003	1,05,104	180	5,470	995	..	139	6,784	4,193
Pálár anikat system	93,727	104,146	2,37,904	2,66,301	9,534	38,844	11,329	..	1,586	61,293	49,076
Poiney do.	23,708	26,750	74,105	81,452	1,997	7,222	2,148	..	312	11,679	23,884
Cheyaru do.	37,002	37,076	90,989	90,702	3,579	18,641	5,129	..	718	28,067	28,752
Chembrambakam tank system	15,237	13,391	45,875	35,968	1,349	2,403	874	..	122	4,748	3,457
Madras water-supply and irrigation extension ..	9,743	9,694	20,798	20,530	319	5,060	3,181	..	1,449	10,009	6,051
Valluru anikat system	5,243	5,298	8,283	8,424	119	465	138	..	19	741	503
Tirukkóyilúr anikat system	25,251	25,196	91,517	91,843	2,040	5,123	1,690	3	237	9,093	18,741
Mahamattur do.	3,549	3,456	15,141	14,808	803	1,950	637	..	89	3,479	4,212
Vriddhachalam do.	6,382	6,114	24,416	23,494	1,504	2,572	945	45	132	5,198	5,762
Shatiatope do.	33,196	32,987	1,11,741	1,10,466	2,167	11,048	3,037	41	425	16,718	11,230
Pelandorai do.	9,391	8,564	34,202	32,751	2,508	11,497	3,243	..	454	17,702	4,612
Lower Coleroon anikat system	108,886	111,251	3,83,064	3,88,829	2,421	22,226	5,622	50	796	31,115	19,101
Nandyar channel	5,508	5,434	15,561	15,529	..	1,750	308	100	43	2,201	668
Maradur anikat system	33,908	32,672	1,86,112	1,79,063	..	16,994	3,914	..	548	21,456	16,523
Total ..	5,23,424	5,34,227	1,727,509	1,757,730	33,506	1,65,884	47,188	239	7,629	2,54,446	2,04,160
CLASS III—MINOR WORKS.											
Works for which a continuous record of expenditure is kept.											
Vizagapatam.											
Six anikats on the Surada river	13,901	21,867	2,397	32,713	155	..	} 72	5	10	401	708
Four anikats on the Varaha river	8,553	13,119	5,606	22,694	..	159					
Chingleput.											
Madurántakam tank	6,731	7,072	14,306	13,974	927	3,430	1,002	65	140	5,564	1,445
South Arcot.											
Myoorandi Kattumailur anikat	534	489	2,239	2,079	..	613	} 1,613	105	226	8,955	6,225
Three anikats on the Gaddiam river	12,828	12,340	51,267	50,692	260	2,489					
One anikat on the Kollar	2,412	2,452	8,144	8,325	2,603	1,046					
Salem.											
Pennagándapuram tank	681	856	235	1,176	..	482	} 287	18	40	1,594	517
Marandahally	..	..	..	..	682	85					
Coimbatore.											
Twenty-two channels from the Amarávati	47,251	47,940	1,46,353	1,48,276	266	2,944	738	48	103	4,099	1,960
Tinnevelly.											
Six anikats on the Tambraparni	71,121	70,767	4,21,511	4,20,009	1,048	26,473	6,330	413	886	35,150	20,829
Total ..	1,64,012	1,76,902	6,52,058	6,99,938	5,941	37,721	10,042	654	1,405	55,763	31,684
CLASS IV—(*a*) MINOR WORKS, PUBLIC WORKS DEPARTMENT.											
Ganjám district	36,595	72,110	1,229	98,948	2,837	8,781	2,667	173	373	14,831	27,134
Vizagapatam district	47,195	62,434	60,803	1,07,455	10,848	40,170	11,212	730	1,570	64,530	63,448
Gódávari do.	32,940	49,229	39,773	97,089	9,269	36,301	9,623	671	1,347	57,211	53,777
Kistna do.	8,262	18,160	11,839	54,271	38,099	61,574	22,947	1,495	3,218	1,27,328	62,638
Nellore do.	98,797	87,578	3,39,799	2,96,864	60,505	27,681	20,081	1,305	2,811	1,12,383	1,03,457
Anantapur do.	31,098	57,462	62,737	1,81,189	} 30,625	49,429	20,393	1,343	2,855	1,04,645	85,686
Bellary do.	31,664	38,171	1,55,383	1,93,642							
Cuddapah do.	70 355	89,496	1,96,618	2,91,144	4,830	23,217	6,552	427	917	35,943	36,302
Kurnool do.	17,710	27,506	35,393	81,959	6,143	7,153	3,637	237	509	17,679	21,548
West Coast do.	..	..	..	..	— 173	2,184	286	19	40	2,356	2,318
Coimbatore do.	48,206	48,542	1,74,479	1,74,927	23,952	8,315	7,209	470	1,009	41,255	26,138
Salem do.	58,218	61,978	1,36,200	1,49,214	7,121	49,241	13,055	843	1,828	72,088	55,676
North Arcot do.	81,292	87,530	2,17,698	2,43,075	12,684	51,281	14,685	954	2,056	81,660	1,22,524
Chingleput do.	272,063	279,710	5,88,698	6,08,570	29,432	1,10,957	32,292	2,098	4,521	1,79,300	1,73,289
South Arcot do.	92,118	98,455	3,05,951	3,21,097	11,366	66,515	17,713	1,153	2,480	99,227	1,00,968
Tanjore do.	19,625	19,184	46,362	45,162	975	— 31,128	— 1,11,368	— 637	— 15,591	— 1,57,749	1,02,995
Trichinopoly do.	106,841	113,985	4,29,785	4,43,278	8,496	1,17,576	1,33,346	2,065	18,668	2,80,151	— 1,811

Public Works (1898) Department.

CURRENT No. 4844

From the Chief Engr for Irrign

Order

No. 164 I

Dated 23-5-98

Received } 7.6.98

Registered }

Enclosures 5

Spare copies

SUBJECT.

Statements showing the irrigation revenue derived from all irrigation works during the Fasli 1306 (1896-97) — Submitted with remarks

BACK PAPERS.

No.	Date.

FURTHER PAPERS.

No.	Date.

His Excellency the Governor
The Hon'ble Sir Henry Blair KCSE
The Hon'ble W. J. Cuppage CSE

PUBLIC WORKS DEPARTMENT,
IRRIGATION BRANCH.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Statement of irrigation revenue derived from all irrign. works during the Fasli year 1306 (1896-97).

UNDER date the

READ the following

Proceedings Board of Revenue, R.S. & L.R. No. (H.E. No. 604 dated 6.9.97).
do do (H.E. No. 9331 Mis. dated 20.11.97).
do do (H.E. No. 133 dated 24.3.98).
No. 1643 of 23-5-98

Note by the Chief Engineer for Irrigation.

The statements showing the irrigation revenue derived from all irrigation works during the Fasli year 1306 (1896-97), forwarded by the Board of Revenue, Revenue Settlement, Land Records and Agriculture, and the Board's review thereon, are submitted to Government.

2. In the accompanying statement compiled in this Office, the areas irrigated under, the revenue derived from, and the working expenses incurred on, all irrigation works in the Presidency are contrasted with the corresponding figures of the previous year. The total area irrigated was 6·08 millions of

Issue
2.6.98 WH

JG
1/6/98 DS

Note Pay flagged B.

* received on the 6th May 1898.

The report is interesting on the Kurnool-Cuddapah Canals is satisfactory, and it is noteworthy as showing how useful in time of famine, even unfavourably circumstanced irrigation works become.

A.S.H
25.5.98

The Periyar Project got on faster than I had hoped

BB
28/5/98

DS 7/6/98

under the Masulipatam and Bandu-
-milli Canals in the Eastern section
and the Nizampatam Bank and
Commanmur Canals in the western section,
the areas irrigated under all of the Canals
system under first crop were more
than in the previous year. Though
there was an increase of 1258 acres
in the total area irrigated, the revenue
derived was Rs. 32,920. less than
in the previous year. The decrease
occurred chiefly under receipts
~~is mainly attributed to the large~~
under Zemindari & inams
~~remissions that were granted owing~~
owing to remissions granted
~~to the loss of crop on account of the~~
during the year, which amounted
~~unusually heavy floods in the~~
to Rs 24106 & Rs 25695 respectively, against Rs 8626 & Rs
~~Kistna during 1896-97.~~ The working 10,772 in the previous
expenses exceeded those of the previous year.
year by Rs. 1,27,624, the increase
being chiefly due to extensive repairs
carried out during the year in
restoring damages to works caused
by the abnormal floods in the
river during August 1896.

5. Penner

5. Penner Anicut system. - Com-
-pared with the previous year, there
was a decrease of 1975 acres in
the area irrigated under, and of
Rs 13,183 in the revenue derived
from this system, the falling off
being due to the ~~want of remissions~~
~~on account of the~~ unfavorable
character of the season. The remissions granted
~~and~~ to Rs 12,653 against Rs
3,568 in the previous year.

6. Sangam Anicut system. - Under
there was an improvement in
this system ~~both~~ the area irrigated
of 2439 acres
and the revenue derived, was
~~more than in the previous year~~
~~by 2439 acres and~~ Rs 4,118, ~~respectively~~
during the year.
~~only.~~

7. Kurnool-Cuddapah Canal

The area irrigated under this
Canal was 87,226 acres or
54,323 acres more than in the
previous year & the revenue derived
exceeded that of the preceding year
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The total net demand
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12(c) Class II Works — Minor Works Systems for which Capital and Revenue Accounts are kept. — As compared with the previous year, there was a decrease of 10,803 acres in the total area irrigated under these systems, and of Rs. 30,221 in the revenue derived therefrom. There was a decrease in the revenue derived from all the systems, excepting those marginally noted. The bulk of the decrease occurred under the Palar Anicut system under which remissions, amounting to Rs. 22,250, were granted during the year, owing to the unfavorable character of the season, against Rs. 4,174 in the previous year.

Pelandorai Anicut System.
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Thadapalli Channel System.
Akkankotta Channel System.
Cheyaru Anicut system.
Shatiatope Anicut system.
Vriddachellam Anicut System.
Mehnuttem Anicut System.
Maraduv Anicut System.
Nandyar Channel.

13-14 Class III Works — Minor Works Systems for which a continuous record of expenditure is kept. —

Under this class, there was a ~~falling off decrease of 12,890 acres~~ of 12,890 acres in the total area irrigated, and ~~of Rs. 47,880~~ of Rs. 47,880. in the revenue derived, the largest decrease in the revenue derived occurred in the Vizagapatam, an affected district, where Rs. 45,687 were remitted during the year against only Rs. 392 in the previous year.

14. — Class IV Works — Minor Works, Public Works and Revenue departments. — Under this class, there was a decrease of 4,26,889 acres in the total area irrigated and Rs. 15,04,397 in the revenue derived. There was a decrease both in area irrigated & in the revenue derived in all the districts, except Nellore, Tanjore and Tinnevelly, as shown in the margin. The increase in the revenue derived in these three districts amounted to Rs. 96,621. The decrease in the other districts was due to the adverse character of

Decrease	Area irrigated Acres.	Revenue Rs.
Ganjam.	64,229.	1,68,907.
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Bellary.	11,932.	59,301.
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Trichinopoly.	8362	14,686.
Madura.	70,867.	2,07,914.
Coimbatore.	758	1,059.
Salem.	12,989.	39,960.

...ber and December season which, with Ganjam, Vizagapatam, Cuddapah, Bellary, Anantapur and Kurnool districts developed into famine. The remissions granted under this clause during the year amounted to Rs. 13,27,530 against Rs. 3,49,885 in the previous year.

WH

23.5.98 E.J.

Order thereon. No: 4493 878-6-98

Communicated to the Offices concerned for information.

A.SH 25.5.98

WH

23.5.98 J

To The Chief Engineer for Irrigation. J
— do — do — I.R.S.
Supdg. Engineer.
The Supdg. Engineer as special dept. Asst. Engineer
Compiling Statistics
" Examiner, Pr. Accts.
" Revenue Dept.

25/7/98

Class I – Major works.												
Productive.												
Godavari delta System	7.39.849	683126	26.79.408	24.47.457	19768	2.42.089	2.28.370	38.125	32.559	5.60.911	5.32.508	
Kistna – do –	482.633	481.375	20.57.375	20.92.275	14.426	4.17.721	2.26.098	51.085	31.697	7.41.027	6.13.403	
Pennern anicut System	68.153	70.128	2.50.665	2.63.848	2.713	21.153	20.455	31	2864	47.216	51.423	
Sangam – do –	79.786	77.347	3.11.805	3.07.687	5526	31.411	26.848	"	3758	67.543	75.209	
Kurnool-Cuddapah Canal	87.226	32.903	1.33.744	1.02.934	9.184	52.787	23.216	1.200	3250	89.637	1.02.754	
Barur tank project	4440	4.229	11.533	11,022	904	1.613	1.145	"	173	3835	3,390	
Cauvery delta System	971.123	987.103	41.77.693	41,89,530	19.576	83.863	2.72.418	4047	38.230	4.18.134	4.04.151	
Sivaikuntam anicut – do –	40.147	33.962	1,84,114	1,56,738	421	55.397	24.027	"	3364	83.209	35.926	
Periyar project	63.751	"	2.66480	"	~~40,000~~	40,000	15.989	"	2238	58.227	"	
Protective												
Pushkurlya project	63.327	35.917	1.08.106	63.535	"	31.648	7.291	812	1021	40.772	29.830	
Total	2.606.435	2,406,090	1.01.82.923	96.35.046	~~72,518~~ 72,518	9,37,682	8,45,857	95.300	1.19.154	2.10.511	18,48,594	
Class II – Minor works.												
Works for which Capital and Revenue Accounts are kept												
Ganjam Minor rivers System	64.001	61,146	1,18,026	1.21.387	"	9.073	2121	"	297	11491	1.308	
Cumbum Tank System	3.119	9,998	33,192	40832	59	745	185	"	26	1.015	922	
Thadapalli channel System	14,931	14,746	1.04.171	1.02.858	4238	3324	1323	"	185	9070	3626	
Arkenkolā – do –	4,126	4,134	27,409	27,389	689	1477	369	"	52	2,587	1,539	
Kalingarayen – do –	21,516	21,624	1.05.003	1.05.104	180	5470	995	"	139	6784	4193	
Palar Anicut System,	93.727	104,146	2.37.904	2.66.301	9534	38.844	11,329	"	1,586	61,293	49.076	
Ponney – do –	23.708	26,750	74,105	81,452	1997	7,222	2148	"	312	11,679	23.884	
Cheyaru – do –	37.002	37,076	90.389	90.702	3579	18,641	5129	"	718	28,067	28,752	
Chembrambakam tank do	15.237	13,391	45,975	35,968	1349	2403	874	"	122	4748	3457	
Madras water Supply and Irrigation Extension	9,743	9,694	20,794	20,530	319	5060	3181	"	1,449	10,009	6,051	
Vallure Anicut System	5243	5,298	8283	8,424	119	465	138	"	19	741	503	
Tiruvalloyilur Anicut System	25.251	25,196	91.517	91,843	2,040	5,123	1690	3	237	9,093	18.741	
Mchamattur – do –	3,549	3,456	15,141	14,808	803	1,950	637	"	89	3,479	4,212	
Vriddhachalam – do –	6,382	6,114	24,416	23,494	1,504	2,572	945	45	132	5,198	57.62	
Shatialope – do –	33,196	32,987	1.11,741	1,10,466	2167	11,048	3037	41	425	16,718	11,230	
Pelandorai – do –	9,391	8,864	34,202	32,751	2,508	11,497	3,243	"	454	17,702	4,612	
Lower Coleroon Anicut System	108,886	111,251	3.83.064	3,88,829	2,421	22,226	5,622	50	796	31,115	19,101	
Nandyar Channel	5,508	5,434	15,561	16,529	"	1750	308	100	43	2201	668	
Marudar Anicut System	33,908	32,572	1,86,112	1,79,063	"	16,994	3,914	"	548	21,456	16,523	
Total	5,23,424	534,227	17.27.509	17.67,730	33,506	165884	47,188	239	7629	254446	204,160	
Class III Minor works works for which a consolidated record of expenditure is kept												

Vizagapatam											
Six anicuts on the Suvada river	13,901	21,867	2,397	32,713	155	-					
Four anicuts on the Varaha river	8,553	13,119	5,606	22,694	-	159	72	5	10	401	708
Chingleput											
Madurantakam tank	6,731	7,072	14,306	13,974	927	3430	1,002	65	140	5,564	1,445
South Arcot											
Mayoorandi Kattumaikulam anicut	534	489	2,239	2,079	-	613					
Three anicuts on the Gadilam river	12,828	12,340	51,267	50,692	260	2,489	1613	105	226	8,955	6,225
One anicut on the Kollar	2,412	2,452	8,144	8,325	2,603	1046					
Salem											
Annagandapuram tank	681	856	235	1,176	-	482					
Karandakally	"	"	"	-	682	85	287	18	40	1,594	517
Coimbatore											
Twenty-two channels from the Amaravati	47,251	47,940	1,46,353	1,48,276	266	2,944	738	48	103	4,099	1,960
Tinnevelly											
Six anicuts on the Tambraparni	71,121	70,767	4,21,511	4,20,009	1,048	26,473	6,330	413	886	35,150	20,829
Total	764,012	176,902	6,52,058	6,99,938	5,941	37,721	10,042	654	1,405	55,763	31,684

Class IV. Minor works.

P.W. Dept.

Ganjam district	36,595	72,110	1229	98,948	2837	8,781	2667	173	373	14,831	27,134
Vizagapatam do	47,195	62,434	60,803	1,07,455	10,848	40,170	11,212	730	1,570	64,530	63,448
Godavari do	32,940	49,229	39,773	97,089	9,269	36,301	9,623	671	1,347	57,241	53,777
Kistna do	8,262	18,160	11,839	54,271	38,099	61,574	22,947	1,495	3,213	1,27,328	62,638
Nellore do	98,797	87,578	3,37,799	2,96,364	60,505	27,681	20,081	1,305	2,811	1,12,383	1,03,457
Anantapur do	31,098	57,462	6,737	1,81,189							
Bellary do	31,664	38,171	1,55,383	1,93,642	30,625	49,429	20,393	1,343	2,855	1,04,645	85,686
Cuddapah do	70,355	89,496	1,96,618	2,91,144	4,830	23,217	6,552	427	917	35,943	36,302
Kurnool do	17,710	27,506	35,393	81,959	6,143	7,153	3,637	237	509	17,679	21,548
West Coast do	"	"	"	"	- 173	2,184	286	19	40	2,356	2,318
Coimbatore do	48,206	48,542	1,74,479	1,74,927	23,952	8,615	7,209	470	1009	41,255	26,138
Salem do	58,218	61,978	1,36,200	1,49,214	7,121	49,241	13,065	843	1,828	72,088	55,676
North Arcot do	81,292	87,530	2,47,698	2,43,075	12,684	51,281	14,685	954	2,056	81,660	1,22,524
Chingleput do	2,72,063	279,710	5,88,698	6,08,570	29,432	1,10,957	32,292	2,098	4,521	179,300	1,73,289
South Arcot do	92,118	98,455	3,06,951	3,21,097	11,366	66,615	17,713	1,153	2,480	99,227	100,968
Tanjore do	19,625	19,184	46,362	45,162	975	- 31,128	- 11,368	- 637	- 15,591	- 1,57,749	102,995
Trichinopoly do	106,841	113,985	4,29,785	4,43,278	8,496	1,17,576	1,33,346	2,065	18,668	2,80,151	- 1,811
Madura do	68,502	109,628	2,16,649	3,50,035	2,028	83,606	19,280	1,256	2,699	1,08,869	1,40,216
Tinnevelly do	88,276	84,675	3,57,820	3,40,642	8,611	1,01,014	25,190	1,638	3,527	1,39,980	1,19,130
					367648	814167	248600	16240	34832		

Tank Restoration head office	"		"		"	"	"	"	"	"	5956
Total	~~1170765~~ 1209757	140583	~~3814477~~ 3377216	4081061	267648	814167	248840	16240	34832	1381687	1301389
do Minor works, Rev: expdtt:											
Ganjam — do —	40832	69546	9722	80910	"	18517	"	"	"	18517	15413
Vizagapatam — do —	60993	92474	54356	138852	"	16760	"	"	"	16760	13746
Godavari — do —	30827	61315	8632	95714	"	27694	"	"	"	27694	18030
Kistna — do —	24814	28913	64848	94605	1670	14171	423	28	59	16351	14584
Nellore — do —	40010	35162	1.11393	106760	1930	17743	629	41	88	20431	22261
Anantapur — do —	71996	96968	144925	244286	"	27826	"	"	"	27826	25526
Bellary — do —	23990	29415	48275	69317	479	6045	282	19	40	6865	6081
Cuddapah — do —	154975	194505	322496	511736	2239	29863	572	37	80	32791	23095
Kurnool — do —	~~24565~~ ~~24168~~	31811	47033 ~~46751~~	91569	182	10829	182	12	26	11231	5943
Coimbatore — do —	18057	18479	46877	47488	"	3180	376	25	53	3634	1333
Salem — do —	147010	156239	253677	280623	468	18816	328	21	46	19669	21905
North Arcot — do —	222632	236211	550137	613230	737	56473	560	37	78	57885	51876
Chingleput — do —	133160	136147	250690	257860	24	26156	73	5	10	26268	26668
Madras — do —	"	"	"	"	"	660	"	"	"	660	345
South Arcot — do —	238741	250761	728242	763359	245	64793	186	12	26	65262	70376
Tanjore — do —	38708	38314	80634	80687	644	5583	220	15	31	6493	5741
Trichinopoly — do —	57694	58812	115921	117114	2381	18277	589	40	82	21369	20980
Negapatam — do —	"	"	"	"	114	"	"	"	"	114	"
Madura — do —	107429	137170	273644	348172	1822	15735	486	32	68	18143	15310
Tinnevelly — do —	142284	136388	471362	442144	"	37830	"	"	"	37830	46190
Malabar — do —	"	"	"	"	"	180	"	"	"	180	28
Total	~~1506514~~ 1578617	1809430	~~3437687~~ 3582864	4383416	12925	417131	4906	324	687	435973	405432
Total Class IV works	~~2685172~~ 2788374	3215263	~~6752136~~ 6960080	8464477	280573	1231298	253706	16564	35519	1817660	1706820
Grand Total	~~5977044~~ 6082245	6332482	~~19314262~~ 19572570	20557191	432538	2372586	1156793	112757	163707	4238380	3791258

Statement comparing the areas irrigated under, the revenue derived from, & the working expenses incurred on Irrigation works during 1896-97, with those of the previous year:-

—	Area charged as irrigated (1st + secondary)		Irrigation revenue		Gross working expenses, 1896-97.						Gross working expenses 1895-96.
	Fasli 1306 (1896-97)	Fasli 1305 (1895-96)	Fasli 1306 (1896-97)	Fasli 1305 (1895-96)	Extensions and improvements	Maintenance & repairs	Establishment	Tools and plant	Indirect charges	Total	
1	2	3	4	5	6	7	8	9	10	11	12

7.5.98 100 15/5/98

PUBLIC WORKS DEPARTMENT.

1898.

Board of Revenue

(Revenue Settlement, Land Records and Agriculture),

MADRAS.

Recd. } 1898. *Enclosures*

Regd. *Spare copies*

Printed April th.

Proceedings, No. 133, 24th March 1898.

MARCH.

Irrigation Accounts of fasli 1306 (1896-97).—Submitting to Government, Public Works Department, Board's review of the —.

PROCEEDINGS OF THE BOARD OF REVENUE

(REVENUE SETTLEMENT, LAND RECORDS AND AGRICULTURE.)

READ—again the following Proceedings of the Board of Revenue (R.S., L.R. and Agri.), Mis. No. 7547, dated 13th September 1897 :—

Read—the following letter from W. HUGHES, Esq., B.A., Chief Engineer for Irrigation, to the Secretary to the Board of Revenue (R.S., L.R. and Agri.), dated Madras, 3rd September 1897, No. 291-M. :—

I have the honour to request that you will be so good as to inform me, at your earliest convenience, when the statements marginally noted may be expected to reach this office, as they are required for the Administration Report of the P.W.D., Irrigation Branch, for 1896-97, now under preparation.

(1) Revenue accounts for 1896-97 of the irrigation works of this Presidency.
(2) Crop statement for 1896-97.
(3) Statement of water-rates in force.
(4) Statement of incidence of water-rates under classes I and II works for 1896-97.

2. If revenue information for classes I and II works are available, it may be furnished in advance.

Resolution—Mis. No. 7547, dated 13th September 1897.

The Chief Engineer for Irrigation will be informed that the irrigation accounts relating to the IV class works are still due from several taluks of the Anantapur, Kurnool and Cuddapah districts and from the Palkonda and Perambalur taluks of the Vizagapatam and Trichinopoly districts and reminders have been sent to the officers concerned. In these circumstances, the Board is unable to say when the consolidated accounts can be forwarded. If the receipt of the accounts from one or more districts is delayed beyond the 1st proximo, the accounts for the remaining districts will be tabulated and forwarded by that date, supplemental statements being sent later on for the districts for which the accounts may then be incomplete. The revenue information for classes I and II works will be forwarded to the Chief Engineer by the end of the next week.

(True Copy and Extract.)

(Signed) R. V. SRINIVASIAR,
Secretary.

To the Chief Engineer for Irrigation.

READ—again the following Proceedings of the Board of Revenue (R.S., L.R. and Agri.), Mis. No. 7882, dated 24th September 1897 :—

Resolution—Mis. No. 7882, dated 24th September 1897.

Adverting to its Proceedings, No. 7547, dated 13th instant, the Board resolves to forward to the Chief Engineer for Irrigation the statements noted below, relating to irrigation accounts for fasli 1306 :—

(1) Statement showing the total area occupied, the area actually irrigated or charged as irrigated and the revenue derived for fasli 1306 (1896-97) under I, II and III class works in comparison with the previous year.

(2) Abstract statement of the extent of irrigation and the revenue derived from irrigation works, classes I, II and III, for the fasli year 1306 (1896-97).
(3) Statement showing the incidence of water-rate under classes I and II works for fasli 1306 (1896-97).
(4) Statement showing the water-rates per acre which were in force under classes I and II works in the Madras Presidency during the year ending 30th June 1897.

The statistics relating to irrigation under the Kurnool-Cuddapah canal and IV class works have not been embodied in the statements (1) and (2) noted above as the accounts relating to several taluks of Kurnool, Cuddapah and Anantapur districts and the Palkonda taluk of the Vizagapatam district are still due. The statement showing total area actually irrigated by flow or lift under classes I and II works and the value of crops raised thereon during 1896-97 will be forwarded on receipt of further information called for from the Tahsildar of Madura regarding the value of "other crops" raised in the Periyar affected villages of the taluk. The statements relating to the Kurnool-Cuddapah canal (*vide* Appendices III, VII and VIII to B.P., No. 267, dated 8th October 1896) will be forwarded on their receipt from the Collectors concerned to whom reminders have been sent.

(True Copy and Extract.)

(Signed) R. V. SRINIVASIAR,
Secretary.

To the Chief Engineer for Irrigation, with four statements.

READ—again Proceedings of the Board of Revenue (R.S., L.R. and Agri.), Mis. No. 8628, dated 22nd October 1897.

ABSTRACT.—Informing the Chief Engineer for Irrigation that the delay in the transmission of certain statements relating to irrigation accounts is due to non-receipt of complete information from some districts.

READ—again Proceedings of the Board of Revenue (R.S., L.R. and Agri.), Mis. No. 8962, dated 6th November 1897.

ABSTRACT.—Recording telegram from the Collector of Kurnool informing that the canal statistics may be expected in the Board's office on the 15th instant.

READ—again the following Proceedings of the Board of Revenue (R.S., L.R. and Agri.), Mis. No. 9508, dated 25th November 1897 :—

Read—letter from Collector of Cuddapah, dated 30th Sept. 1897, Dis. No. 5599-Rev.

Read—letter from Collector of Cuddapah, dated 8th Oct. 1897, Dis. No. 5726-Rev.

Read—letter from Collector of Cuddapah, dated 9th Oct. 1897, Dis. No. 5762-Rev.

Read—letter from Collector of Cuddapah, dated 11th Oct. 1897, Dis. No. 5771-Rev.

Read—the following letter from W. HUGHES, Esq., B.A., Chief Engineer for Irrigation, to the Secretary to the Board of Revenue (R.S., L.R. and Agri.), dated Madras, 10th November 1897, No. 383-M. :—

In acknowledging the receipt of Proceedings of the Board of Revenue, Mis. No. 8628, dated 22nd October 1897, I have the honour to inform you that the delay in the transmission of the statements referred to is seriously delaying the completion of the Administration Report of the Irrigation Branch, P.W.D., for 1896-97, which is

due with the Government of India on the 30th instant. I request, therefore, that you will be so good as to arrange to furnish this office with the statements required at an early date.

Read—the following letter from W. HUGHES, Esq., B.A., Chief Engineer for Irrigation, to the Secretary to the Board of Revenue (R.S., L.R. and Agri.), dated Madras, 23rd November 1897, No. 398-M. :—

With reference to Proceedings, Board of Revenue, Mis. No. 8628, dated 22nd October 1897, I have the honour to request that you will be so good as to inform me when the statements referred to in my letter No. 335-M., dated 11th October 1897, may be expected in this office. From Board's Proceedings, Mis. No. 8962, dated 6th November 1897, it is presumed that the statistics for the Kurnool-Cuddapah canal are now available in the Board's office.

2. This information is needed in view to the despatch of an advance copy of the Irrigation Administration Report which is urgently wanted by the compiler of the Presidency Administration Report.

Resolution—Mis. No. 9508, dated 25th November 1897.

The Board resolves to forward, in continuation of its Proceedings, No. 7882, dated 24th September 1897, the following statements relating to irrigation accounts for fasli 1306 :—

No. I.—Statement showing the total area occupied, the area actually irrigated or charged as irrigated and the revenue derived for fasli 1306 (for class IV works) corresponding to Appendix I of B.P., No. 267, dated 8th October 1896.

No. II.—Abstract statement of the extent of irrigation and revenue derived from irrigation works for fasli 1306 (for the Cuddapah portion of the Kurnool-Cuddapah canal and class IV works) corresponding to Appendix II of B.P., No. 267, dated 8th October 1896

No. III.—Comparative statement of the area irrigated and the revenue derived under the Kurnool-Cuddapah canal in the Cuddapah district corresponding to Appendix III to B.P. No. 267, dated 8th October 1896.

No. IV —Statement showing the total area actually irrigated by flow and lift under classes I and II works (except under the Kurnool-Cuddapah canal) and the value of crops raised thereon during 1896-97 corresponding to Appendix IV of B.P., No. 267, dated 8th October 1896.

No. V —Statement showing the incidence of water-rate under the Cuddapah portion of the Kurnool-Cuddapah canal for fasli 1306 (Appendix V of B.P., No. 267, dated 8th October 1896).

No. VI.—Demand, collection and balance statement relating to the Cuddapah portion of the Kurnool-Cuddapah canal for fasli 1306 corresponding to Appendix VII to B.P., No. 267, dated 8th October 1896.

No. VII.—Statement showing particulars of cultivation, revenue, demand and remission in the Cuddapah district under the Kurnool-Cuddapah canal corresponding to Appendix VIII of B.P., No. 267, dated 8th October 1896.

Statements Nos. I and II are incomplete, in that they do not include statistics relating to the Anantapur district. The information furnished in the statements corresponding to Appendices III, VII and VIII of B.P., No. 267, dated 8th October 1896, relates only to the Cuddapah district, statements relating to the Kurnool district not having been yet received. The statistics furnished in the statement showing the total area actually irrigated by flow or lift under classes I and II works (statement marked No. IV above) are also incomplete, in that they do not include information for Kurnool-Cuddapah canal. Supplemental statements will be forwarded on receipt of complete information from the Collectors of Anantapur and Kurnool.

(True Copy and Extract.)

(Signed) R. V. SRINIVASIAR,
Secretary.

To the Chief Engineer for Irrigation, with seven statements.
" Collector of Anantapur,
" " of Kurnool.

Read—again the following Proceedings of the Board of Revenue (R.S., L.R. and Agri.), Mis. No. 9710, dated 3rd December 1897 :—

Read—statement from Acting Collector of Kurnool, dated 25th November 1897, Dis No. 3564-Genl.

Read—statement from Acting Collector of Kurnool, dated 25th November 1897, Dis. No. 3565-Genl.

Read—statement from Acting Collector of Kurnool, dated 25th November 1897, Dis. No. 3566-Genl.

Read—statement from Acting Collector of Kurnool, dated 26th November 1897, Dis. No. 3599-Genl.

Read—statement from Acting Collector of Kurnool, dated 30th November 1897, Dis. No. 3619-Genl.

Resolution—Mis. No. 9710, dated 3rd December 1897.

The Board resolves to forward to the Chief Engineer for Irrigation, in continuation of B.P., Mis. No. 9508, dated 25th November 1897, the following statements relating to irrigation accounts for fasli 1306 :—

(1) Abstract statement showing the extent of irrigation and the revenue derived from the Kurnool-Cuddapah canal.

(2) Comparative statement of the area irrigated and the revenue derived in each taluk under the Kurnool-Cuddapah canal for fasli 1305 (1895-96) and fasli 1306 (1896-97).

(3) Statement showing the total area actually irrigated by flow or lift under the Kurnool-Cuddapah Canal and the quantity and the value of the crops raised thereon during 1896-97.

(4) Statement showing the incidence of water-rate under the Kurnool-Cuddapah canal for fasli 1306 (1896-97).

(5) Abstract statement showing the demand, collection and balance under the Kurnool-Cuddapah Canal for the official year 1896-97.

(6) Statement showing the particulars of cultivation, revenue, demand and remission under the Kurnool-Cuddapah canal in the district of Kurnool for fasli 1306.

2. The " demand " entered in the " statement showing the area irrigated, etc., under the Kurnool-Cuddapah canal in the Kurnool district " differs from that entered in the " statement showing the demand, collection and balance " as shown in the margin. The amount shown in the former statement includes Rs. 3,500, being the value of water supplied to the Kurnool municipality. Excluding this amount, there is a difference of Rupees 127-10-3 between the two figures, which the Collector is requested to explain.

	Rs.	A.	P.
As per statement showing area irrigated, etc. ...	1,16,114	3	10
As per demand, collection and balance statement ...	1,12,741	14	1
	3,372	5	9

	Rs.	A.	P.
Assessment on A and B class lands	258	5	8
Penalty	3,584	15	0
Canal water supplied to eight indigo vats	8	12	0
Canal water supplied to tanks.	4,551	15	8
Total ...	8,404	0	4

3. The Collector is also requested to furnish the Board with details for each taluk for the marginally-noted items included in the demand of Rupees 1,16,114-3-10 for the fasli year 1306.

(True Copy and Extract.)

(Signed) R. V. SRINIVASIAR,
Secretary.

To the Chief Engineer for Irrigation, with six statements.
" the Collector of Kurnool.

READ—again the following Proceedings of the Board of Revenue (R.S., L.R. and Agri.), Mis. No. 10050, dated 18th December 1897 :—

Read—the following letter from E. A. ELWIN, Esq., Acting Collector of Kurnool, to the Secretary to the Commissioner of Revenue Settlement, Land Records and Agriculture, dated 9th December 1897, Dis. No. 3739-Genl. :—

In continuation of this office Disposal No. 3565, dated 25th November 1897, I have the honour to request that Rs. 366-4-11, being the amount of tank storage in Sirvel taluk, be added to the amount of Rs. 1,16,114-3-10 both in A and E returns as that amount is now reported to have not been included.

Read—the following letter from E. A. ELWIN, Esq., Acting Collector of Kurnool, to the Secretary to the Commissioner of Revenue Settlement, Land Records and Agriculture, dated 11th December 1897, Dis. No. 3772-Genl. :—

Adverting to paragraph 2 of B.P., Mis. No. 9710, dated 3rd December 1897, I have the honour to state that the difference of Rs. 127-10-3 is due to the amount of dry remissions granted on A and B class lands in Nandikotkur taluk having been by mistake included in the demand. A revised statement is herewith submitted.

2. The talukwar details called for in paragraph 3 is given below :—

Taluks.	Assessment on A and B class lands.	Penalty.	Canal water supplied to indigo vats.	Canal water supplied to tanks.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
1. Ramallakot	58 0 5	95 8 9	....	....
2. Nandikotkur	192 3 1	1,058 4 4	3 4 0	....
3. Nandyal	1 10 8	1,245 8 1	5 8 0	4,551 15 8
4. Koilkuntla	0 4 10	0 4 10	....	....
5. Sirvel	6 2 8	1,185 5 0	....	* 366 4 11
Total ..	258 5 8	3,584 15 0	8 12 0	4,918 4 7

* *Vide* this office Dis. No. 3739-Genl., dated 9th December 1897.

Resolution—Mis. No. 10050, dated 18th December 1897.

In consequence of revised figures and additional information furnished by the Collector of Kurnool in his letters read above with reference to paragraphs 2 and 3 of B.P., No. 9710, dated 3rd December 1897, the Board resolves to forward to the Chief Engineer for irrigation the revised statements noted below relating to irrigation accounts for fasli 1306 :—

(1) Abstract statement showing the extent of irrigation and the revenue derived from the Kurnool-Cuddapah canal.
(2) Comparative statement of area irrigated and the revenue derived in each taluk under the Kurnool-Cuddapah canal for fasli 1305 (1895-96) and 1306 (1896-97).

(3) Abstract statement showing the demand, collection and balance under the Kurnool-Cuddapah canal for the official year 1896-97.
(4) Statement showing the particulars of cultivation, revenue, demand and remission under the Kurnool-Cuddapah canal in the district of Kurnool for fasli 1306.

(True Copy and Extract.)

(Signed) R. V. SRINIVASIAR,
Secretary.

To the Chief Engineer for Irrigation, with four statements.

RESOLUTION—No. 133, dated 24th March 1898.

The Board resolves to submit to Government its review of the results of irrigation under the different classes of works I to IV during fasli 1306 (1896-97), with the usual statements. The delay is due to the very late dates at which the returns were received from the Anantapur district. Information in a complete form was received from this district only on the 16th instant. The statements compiled from the returns received from the other districts were forwarded to the Chief Engineer for Irrigation from time to time with the Proceedings read above.

2. The following comparative statement shows the area occupied for irrigation, the area actually irrigated or charged as irrigated and the revenue derived under all classes of works during 1895-96 and 1896-97 :—

Items.	Area occupied.		Area actually irrigated or charged as such.		Total land and irrigation revenue.	Share due to irrigation.	Deduct remissions.	Net revenue due to irrigation.
	First crop.	Second crop.	First crop.	Second crop.				
	Acs.	Acs.	Acs.	Acs.	Rs.	Rs.	Rs.	Rs.
Class I Works.								
1895-96	2,186,744	248,811	2,127,672	245,515	1,25,39,053	98,96,513	3,64,401	95,32,112
1896-97	2,313,704	280,146	2,242,779	276,430	1,33,24,215	1,05,24,932	4,75,753	1,00,49,179
Difference ..	+126,960	+ 31,335	+ 115,107	+ 30,915	+ 7,85,162	+ 6,28,419	+ 1,11,352	+ 5,17,067
Class II Works.								
1895-96	436,545	102,861	433,239	100,988	24,79,052	17,89,990	32,260	17,57,730
1896-97	436,995	100,542	426,707	96,717	24,80,673	17,88,307	60,798	17,27,509
Difference ..	+ 450	— 2,319	— 6,532	— 4,271	+ 1,611	— 1,683	+ 28,538	— 30,221
Class III Works.								
1895-96	102,081	74,854	102,053	74,849	8,35,788	7,04,852	4,914	6,99,938
1896-97	101,589	74,054	94,561	69,451	8,36,244	7,05,297	53,239	6,52,058
Difference ..	— 492	— 800	— 7,492	— 5,398	+ 456	+ 445	+ 48,325	— 47,880
Class IV Works.								
1895-96	2,501,176	786,785	2,436,882	778,381	1,16,28,704	88,14,362	3,49,885	84,64,477
1896-97	2,407,326	684,380	2,134,971	653,403	1,10,18,695	82,87,610	13,27,530	69,60,080
Difference ..	— 93,850	— 102,405	— 301,911	— 124,978	— 6,10,009	— 5,26,752	+ 9,77,645	— 15,04,397
Total.								
1895-96	5,226,546	1,213,311	5,099,846	1,199,733	2,74,82,607	2,12,05,717	7,51,460	2,04,54,257
1896-97	5,259,614	1,139,122	4,899,018	1,096,001	2,76,59,827	2,13,06,146	19,17,320	1,93,88,826
Difference ..	+ 33,068	— 74,189	— 200,828	— 103,732	+ 1,77,220	+ 1,00,429	+ 11,65,860	— 10,65,431

3. Taking all classes of works together, there was an increase compared with 1895-96 of 33,068 acres in the area occupied under first crop, being the net result of an increase of 127,410 acres under classes I and II works and a decrease of 94,342 acres under other classes. Under second crop, there was a decrease of 74,189 acres, being the net result of an increase of 31,335 acres under class I works and a decrease of 105,524 acres under classes II to IV. The area charged as irrigated under first and second crops was less than in the previous year by acres 200,828 and 103,732

respectively. The decrease under both these heads would have been much greater but for an increase of 115,107 acres of first crop and 30,915 acres of second crop under class I works due chiefly to the charge made for the first time during the year for irrigation under the Periyar Project and to an extension of irrigation under the Rushikulya Project to 109 villages in the Berhampur and 65 villages in the Goomsur taluk. The total revenue on irrigated lands amounted to Rs. 276·59 lakhs, of which the share due to irrigation was Rs. 213·06 lakhs or 77 per cent. Deducting 19·17 lakhs remitted during the year against 7·51 lakhs in 1895–96, the net revenue to be credited to the works amounted to Rs. 193·89 against 204·54 lakhs in the previous year.

			RS.
* Gódávari anikat	...	...	2,31,951
Sangam do.	...	...	4,118
Srivaikuntam anikat		...	27,376
Barur tank project	...	...	511
Rushikulya do.	...	...	44,571
Periyar do.	...	...	2,66,180
Total		...	5,75,007

† *Decrease.*

			RS.
Palar anikat	...	...	28,397
Cumbum tank	...	...	7,640
Kalingaroyan channel			101
Vallur anikat	...	...	141
Poiney do.	...	...	7,347
Lower Coleroon anikat		...	5,765
Tirukoyilur anikat	...	...	326
Ganjam minor rivers system		...	3,361
Total		...	53,078

‡ *Increase.*

		RS.	PER CENTAGE.
Pelandorai anikat	...	1,451	6·3
Chembrambakam tank	...	9,907	43·3
Madras water-supply and irrigation extension project	... ...	268	1·2
Tadepalli channel	...	1,313	5·8
Arakkankottai channel	...	20	0·1
Cheyyaru anikat	...	287	1·3
Shatyatope do.	... ...	1,275	5·6
Vriddachalam anikat	...	922	4·0
Mehmattur anikat	...	333	1·5
Marudur anikat	... ...	7,049	30·8
Nandyar channel	...	32	0·1
Total		... 22,857	100·0

§ *Decrease.*

			RS.
Ganjám	...	...	1,68,907
Vizagapatam	...	...	1,31,148
Gódávari	...	...	1,44,398
Kistna	...	...	72,189
Cuddapah	...	...	2,83,766
Anantapur	...	...	2,17,813
Bellary	...	...	59,301
Kurnool	...	...	94,102
Chingleput	...	...	27,042
North Arcot	...	...	88,470
South do.	...	...	50,263
Trichinopoly	...	...	14,686
Madura	...	...	2,07,914
Coimbatore	...	...	1,059
Salem	...	...	39,960
Total		...	16,01,018

4. As compared with the previous year (1895–96), there was an increase of Rs. 5,17,067 under class I works, which is the net result of a gross increase of Rs. 5,75,007 * in the revenue due to irrigation under the systems noted in the margin, and a gross decrease of Rs. 57,940 under the Kistna, Cauvery and Pennér anikats. The variations have been explained in paragraph 3 of B P., No. 604, dated 6th September 1897, except in the case of the Sangam anikat in which the increase was due to the unfavourable character of the season. Under class II works, there was a net decrease of Rs. 30,221 in the revenue due to irrigation which is the net result of a gross decrease of Rs. 53,078† under the marginally-noted systems, and of a gross increase of Rs. 22,857 ‡ under the other works. The bulk of the decrease (Rs. 28,397) occurred under the Palar anikat. Under class III works, there was a decrease of Rs. 47,880, being the net result of an increase of Rs. 2,388 in the Chingleput, South Arcot and Tinnevelly districts and a decrease of Rs. 50,268 in the other districts. The bulk of the decrease (Rs. 47,404) occurred in Vizagapatam, an affected district where remissions amounting to Rs. 45,687 were granted during the year under report against only Rs. 392 in the previous year. Under class IV works, there was a decrease in all the districts except Nellore, Tanjore and Tinnevelly as shown in the margin §. The increase in these three districts amounted to Rs. 96,621. The decrease in the other districts was due to unfavourable season which in Ganjam, Vizagapatam, Cuddapah, Bellary, Anantapur and Kurnool developed into famine.

5. The growth of irrigation revenue under different classes of works during the last six years is exhibited in the subjoined statement. As observed in the reviews for the preceding years, the improvement in the revenue under class I works comprising the anikat systems is steady and satisfactory. About one-half of the increase as compared with the previous year was under the old systems and the other half was contributed by the Periyar Project:—

Fasli.	Class I.			Class II.			Class III.		
	Share due to irrigation.	Deduct remissions.	Net revenue due to irrigation.	Share due to irrigation.	Deduct remissions.	Net revenue due to irrigation.	Share due to irrigation.	Deduct remissions.	Net revenue due to irrigation.
1	2	3	4	5	6	7	8	9	10
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
1301 (1891–92) ..	76,98,317	3,42,178	73,56,139	14,86,921	1,91,547	12,95,374	8,04,122	62,310	7,41,812
1302 (1892–93) ..	78,82,951	1,58,673	77,24,278	16,90,116	74,799	16,15,317	6,92,770	25,028	6,67,742
1303 (1893–94) ..	87,58,171	1,00,215	86,57,956	17,39,844	17,355	17,22,489	7,04,079	5,413	6,98,666
1304 (1894–95) ..	91,29,040	94,399	90,34,641	17,59,201	37,057	17,22,144	7,02,923	17,497	6,85,426
1305 (1895–96) ..	98,96,513	3,64,401	95,32,112	17,89,990	32,260	17,57,730	7,04,852	4,914	6,99,938
1306 (1896–97) ..	1,05,24,932	4,75,753	1,00,49,179	17,88,307	60,798	17,27,609	7,05,297	53,239	6,52,058

Fasli.	Class IV.			Total.		
	Share due to irrigation.	Deduct remissions.	Net revenue due to irrigation.	Share due to irrigation.	Deduct remissions.	Net revenue due to irrigation.
	11	12	13	14	15	16
	RS.	RS.	RS.	RS.	RS.	RS.
1301 (1891–92) ..	76,47,208	21,77,950	54,69,258	1,76,36,568	27,73,985	1,48,62,583
1302 (1892–93) ..	83,68,963	13,16,949	70,51,954	1,86,34,740	15,75,449	1,70,59,291
1303 (1893–94) ..	86,27,063	3,66,913	82,60,150	1,98,29,157	4,89,896	1,93,39,261
1304 (1894–95) ..	85,33,234	8,96,397	76,36,337	2,01,24,398	10,45,850	1,90,78,548
1305 (1895–96) ..	88,14,362	3,49,885	84,64,477	2,12,05,717	7,51,460	2,04,54,257
1306 (1896–97) ..	82,87,610	13,27,530	69,60,080	2,13,06,146	19,17,320	1,93,88,826

6. The following statement compares the area irrigated under the Kurnool-Cuddapah canal and the revenue derived therefrom during the year under review with the corresponding figures for the preceding year:—

Districts.		Area irrigated. First crop. Wet.	First crop. Dry.	Second crop. Wet.	Second crop. Dry.	Demand.	Remissions.	Net demand.
		ACS.	ACS.	ACS.	ACS.	RS.	RS.	RS.
Kurnool ..	1305	10,632	2,801	994	1,136	46,710	43	46,697
	1306	13,470	48,038	1,316	2,794	1,12,981	105	1,12,876
	Difference ..	+ 2,838	+45,237	+ 322	+ 1,658	+66,241	+ 62	+66,179
Cuddapah ..	1305	9,638	3,545	2,830	1,327	57,850	1,613	56,237
	1306	10,311	7,258	2,069	1,970	63,112	1,247	61,865
	Difference ..	+ 673	+ 3,713	— 761	+ 643	+ 5,262	— 366	+ 5,628
Total ..	1305	20,270	6,346	3,824	2,463	1,04,560	1,656	1,02,934
	1306	23,781	55,296	3,385	4,764	1,76,093	1,352	1,74,741
	Difference ..	+ 3,511	+48,950	— 439	+ 2,301	+71,503	— 304	+71,807

The total area irrigated under the canal including extent under dry crops was 87,226 acres against 32,903 acres in the previous year, being an increase of acres 54,323. The bulk of this increase (50,055 acres) occurred in the Kurnool district and was due to the adverse character of the season in the year and to the ryots having consequently taken canal water for large extents of dry crops.

(True Copies and Extract.)

R. V. Sriniwasa

Secretary.

To the Joint Secretary to Government, Public Works Department (Irrigation Branch).

Copy to all Collectors, except those of Madras, the Nilgiris, Malabar and South Canara.

Ed. F. J. Pereira.

APPENDIX I.

Statement showing the total area occupied, the area actually irrigated or charged as irrigated and the revenue deived for fasli 1306 (1896-97) in comparison with the previous year.

—	—	Area occupied.		Area actually irrigated or charged as irrigated.		Total land and irrigation revenue.	Share due to irrigation.	Deduct remissions and deductions.	Net revenue due to irrigation.
		First crop.	Second crop.	First crop.	Second crop.				
		Acs.	Acs.	Acs.	Acs.	Rs.	Rs.	Rs.	Rs.
Class I Works.									
Gódávari delta	1895-96	585,850	121,788	121,602	15,949	33,32,530	25,96,980	1,49,523	24,47,457
	1896-97	639,306	139,242	137,551		37,61,124	29,44,523	2,65,120	26,79,408
Difference ..		+ 58,426	+ 17,454			+ 4,28,594	+ 3,47,548	+ 1,15,597	+ 2,31,951
Kistna do.	1895-96	508,916	261	261	616	27,41,360	22,51,218	1,58,923	20,92,295
	1896-97	504,857	669	616		27,14,309	22,02,120	1,42,745	20,59,375
Difference ..		— 4,059	+ 398	+ 355		— 27,051	— 49,098	— 16,178	— 32,920
Cauvery anikat	1895-96	886,664	100,773	100,773	6,186	54,15,041	41,98,905	9,375	41,89,530
	1896-97	883,159	95,102	94,587		53,99,757	41,90,400	12,707	41,77,693
Difference ..		— 3,505	— 5,671	— 6,186		— 15,284	— 8,505	+ 3,332	— 11,837
Pennér do.	1895-96	68,546	2,266	2,236	1,010	3,37,983	2,67,416	3,568	2,63,848
	1896-97	67,105	3,246	3,246		3,33,198	2,63,318	12,653	2,50,665
Difference ..		— 1,441	+ 1,010	— 4,785		— 4,785	— 4,098	+ 9,085	— 13,183
Sangam do.	1895-96	75,354	8,790	3,790	3,320	3,95,001	3,16,333	8,646	3,07,687
	1896-97	74,863	7,110	7,110		4,01,951	3,23,729	11,924	3,11,805
Difference ..		— 491	— 1,680	+ 3,320		+ 6,950	+ 7,396	+ 3,278	+ 4,118
Srivaikuntam anikat	1895-96	23,030	18,168	15,048	138	2,16,528	1,90,786	34,048	1,56,738
	1896-97	23,094	19,694	18,635		2,23,050	1,97,244	18,130	1,84,114
Difference ..		+ 58	+ 1,526	+ 3,587		+ 6,522	+ 6,458	— 20,918	+ 27,376
Barur tank project	1895-96	2,536	1,693	1,693	112	13,385	11,035	13	11,022
	1896-97	2,609	1,831	1,831	426	13,935	11,547	14	11,533
Difference ..		+ 73	+ 138	+ 138		+ 550	+ 512	+ 1	+ 511
Bushikulya project	1895-96	85,812	112	112		87,225	63,840	305	63,535
	1896-97	66,267	426	426		1,50,940	1,18,641	10,535	1,08,106
Difference ..		— 30,455	+ 314	+ 314		+ 73,715	+ 54,801	+ 10,230	+ 44,571

Statement showing the total area occupied, the area actually irrigated or charged as irrigated and the revenue derived for fasli 1306 (1896-97), &c.—*cont.*

—	—	Area occupied.		Area actually irrigated or charged as irrigated.		Total land and irrigation revenue.	Share due to irrigation.	Deduct remissions and deductions.	Net revenue due to irrigation.
		First crop.	Second crop.	First crop.	Second crop.				
CLASS I—*cont.*		ACS.	ACS.	ACS	ACS.	RS.	RS.	RS.	RS.
Periyár project	1895-96	..	..	..	..	..	..	..	..
	1896-97	52,444	12,836	51,323	12,428	3,15,911	2,73,405	6,925	2,66,480
	Difference ..	+ 52,444	+ 12,836	+ 51,323	+ 12,428	+ 3,15,911	+ 2,73,405	+ 6,925	+ 2,66,480
Total of Class I Works	1895-96	2,186,744	248,811	2,127,672	215,515	1,25,39,053	98,96,513	3,64,401	95,32,112
	1896-97	2,313,704	280,146	2,242,779	276,430	1,33,24,215	1,05,24,932	4,75,753	1,00,49,179
CLASS II WORKS.	Difference ..	+ 126,960	+ 31,335	+ 115,107	+ 30,915	+ 7,85,162	+ 6,28,419	+ 1,11,352	+ 5,17,067
Palar anikat	1895-96	75,866	28,962	75,726	28,420	3,53,999	2,70,475	4,174	2,66,301
	1896-97	74,496	25,072	70,336	23,391	3,42,604	2,60,154	22,250	2,37,904
	Difference ..	— 1,370	— 3,890	— 5,390	— 5,029	— 11,395	— 10,321	+ 18,076	— 28,397
Pelandorai anikat ..	1895-96	8,751	113	8,751	113	47,607	32,815	64	32,751
	1896-97	9,233	168	9,223	168	49,689	34,296	94	34,202
	Difference ..	+ 482	+ 55	+ 472	+ 55	+ 2,082	+ 1,481	+ 30	+ 1,451
Chembrambakam tank ..	1895-96	12,995	2,643	11,424	1,967	64,684	46,771	10,803	35,968
	1896-97	13,042	2,220	13,037	2,200	64,279	46,248	373	45,875
	Difference ..	+ 47	— 423	+ 1,613	+ 233	— 405	— 523	— 10,430	+ 9,907
Madras water-supply and irrigation extension project.	1895-96	7,439	2,260	7,434	2,260	28,191	20,911	381	20,530
	1896-97	7,402	2,341	7,402	2,341	28,374	21,159	361	20,798
	Difference ..	— 37	+ 81	— 32	+ 81	+ 183	+ 248	— 20	+ 268
Cumbum tank	1895-96	5,546	4,452	5,546	4,452	47,107	40,967	135	40,832
	1896-97	5,534	4,001	5,533	2,586	45,297	39,185	5,993	33,192
	Difference ..	— 12	— 451	— 13	— 1,866	— 1,810	— 1,782	+ 5,858	— 7,640
Tadepalli channel ..	1895-96	14,214	598	14,148	598	1,24,171	1,03,330	372	1,02,858
	1896-97	14,686	401	14,530	401	1,26,362	1,04,897	726	1,04,171
	Difference ..	+ 472	— 197	+ 382	— 197	+ 2,191	+ 1,667	+ 354	+ 1,313
Arakankottai channel ..	1895-96	4,116	44	4,090	44	33,285	27,677	288	27,389
	1896-97	4,118	43	4,083	43	33,250	27,619	210	27,409
	Difference ..	+ 2	— 1	— 7	— 1	— 35	— 58	— 78	+ 20
Kalingaroyen channel ..	1895-96	11,208	10,416	11,208	10,416	1,18,913	1,05,163	59	1,05,104
	1896-97	11,272	10,244	11,272	10,244	1,18,927	1,05,133	130	1,05,003
	Difference ..	+ 64	— 172	+ 64	— 172	+ 14	— 30	+ 71	— 101
Valluru anikat	1895-96	5,167	131	5,167	131	13,716	8,789	365	8,424
	1896-97	5,149	94	5,149	94	13,465	8,632	349	8,283
	Difference ..	— 18	— 37	— 18	— 37	— 251	— 157	— 16	— 141
Cheyaru anikat	1895-96	21,951	15,126	21,950	15,126	1,21,890	90,912	210	90,702
	1896-97	22,104	14,898	22,104	14,898	1,22,368	91,200	211	90,989
	Difference ..	+ 153	— 228	+ 154	— 228	+ 478	+ 288	+ 1	+ 287
Poiney do.	1895-96	22,455	4,970	21,781	4,969	1,14,219	85,006	3,554	81,452
	1896-97	21,695	4,281	19,903	3,805	1,10,847	82,442	8,337	74,105
	Difference ..	— 760	— 689	— 1,878	— 1,164	— 3,372	— 2,564	+ 4,783	— 7,347
Lower Coleroon anikat ..	1895-96	107,166	4,211	107,046	4,205	6,26,837	3,89,535	706	3,88,829
	1896-97	107,074	1,900	106,994	1,892	6,23,216	3,83,798	734	3,83,064
	Difference ..	— 92	— 2,311	— 52	— 2,313	— 3,621	— 5,737	+ 28	— 5,765
Shatyatope do. ..	1895-96	29,284	3,776	29,239	3,748	164,683	1,10,922	456	1,10,466
	1896-97	29,955	3,391	29,846	3,350	167,116	1,11,985	244	1,11,741
	Difference ..	+ 671	— 385	+ 607	— 398	+ 2,433	+ 1,063	— 212	+ 1,275
Vriddáchalam do. ..	1895-96	5,910	204	5,910	204	35,627	23,501	7	23,494
	1896-97	6,157	225	6,157	225	37,426	24,424	8	24,416
	Difference ..	+ 247	+ 21	+ 247	+ 21	+ 1,799	+ 923	+ 1	+ 922
Mehmattur do. ..	1895-96	3,380	76	3,380	76	22,138	14,808	..	14,808
	1896-97	3,490	59	3,490	59	23,241	15,141	..	15,141
	Difference ..	+ 110	— 17	+ 110	— 17	+ 1,103	+ 333	..	+ 333
Marudur do. ..	1895-96	17,552	16,289	16,903	15,669	2,15,087	1,88,240	9,177	1,79,063
	1896-97	17,545	16,471	17,467	16,441	2,15,482	1,88,632	2,520	1,86,112
	Difference ..	— 7	+ 182	+ 564	+ 772	+ 395	+ 392	— 6,657	+ 7,049
Tirukkóyilúr do. ..	1895-96	23,140	2,056	23,140	2,056	1,30,524	91,952	109	91,843
	1896-97	23,003	2,384	22,893	2,358	1,30,662	92,276	759	91,517
	Difference ..	— 137	+ 328	— 247	+ 302	+ 138	+ 324	+ 650	— 326
Ganjám Minor rivers system.	1895-96	56,497	5,008	56,488	5,008	1,95,213	1,22,744	1,357	1,21,387
	1896-97	56,756	10,770	53,284	10,767	2,05,122	1,34,229	16,203	1,18,026
	Difference ..	+ 259	+ 5,762	— 3,254	+ 5,759	+ 9,909	+ 11,485	+ 14,846	— 3,361

Statement showing the total area occupied, the area actually irriagated or charged as irrigated and the revenue derived for fasli 1306 (1896–97), &c. – *cont.*

—	—	Area occupied. First crop.	Area occupied. Second crop.	Area actually irrigated or charged as irrigated. First crop.	Area actually irrigated or charged as irrigated. Second crop.	Total land and irrigation revenue.	Share due to irrigation.	Deduct remissions and deductions.	Net revenue due to irrigation.
		ACS.	ACS.	ACS.	ACS.	RS.	RS.	RS.	RS.
CLASS II WORKS—*cont.*									
Nandyar channel ..	1895-96	3,908	1,526	3,908	1,526	21,171	15,572	43	15,529
	1896-97	4,284	1,579	4,054	1,454	22,946	16,857	1,296	15,561
	Difference ..	+ 376	+ 53	+ 146	– 72	+ 1,775	+ 1,285	+ 1,253	+ 32
Total of Class II Works.	1895-96	436,545	102,861	433,239	100,988	24,79,062	17,89,990	32,260	17,57,730
	1896-97	436,995	100,542	426,707	96,717	24,80,673	17,88,307	60,798	17,27,509
	Difference ..	+ 450	– 2,319	– 6,532	– 4,271	+ 1,611	– 1,683	+ 28,538	– 30,221
CLASS III WORKS.									
Vizagapatam	1895-96	19,774	15,212	19,774	15,212	76,815	55,799	392	55,407
	1896-97	19,302	14,574	12,468	9,986	74,447	53,690	45,687	8,003
	Difference ..	– 472	– 638	– 7,306	– 5,226	– 2,368	– 2,109	+ 45,295	– 47,404
Chingleput	1895-96	5,866	1,206	5,866	1,206	20,589	14,147	173	13,974
	1896-97	5,932	799	5,932	799	21,126	14,599	293	14,306
	Difference ..	+ 66	– 407	+ 66	– 407	+ 537	+ 452	+ 120	+ 332
South Arcot	1895-96	12,602	2,696	12,586	2,695	86,996	61,876	780	61,096
	1896-97	12,606	3,204	12,585	3,189	89,018	63,644	1,994	61,650
	Difference ..	+ 4	+ 508	– 1	+ 494	+ 2,022	+ 1,768	+ 1,214	+ 554
Tinnevelly	1895-96	36,748	34,035	36,736	34,031	4,74,514	4,22,802	2,793	4,20,009
	1896-97	36,943	34,178	36,943	34,178	4,77,041	4,25,060	3,549	4,21,511
	Difference ..	+ 195	+ 143	+ 207	+ 147	+ 2,527	+ 2,258	+ 756	+ 1,502
Coimbatore	1895-96	26,661	21,279	26,661	21,279	1,75,066	1,48,782	506	1,48,276
	1896-97	26,379	20,872	26,379	20,872	1,72,818	1,46,870	517	1,46,353
	Difference ..	– 282	– 407	– 282	– 407	– 2,248	– 1,912	+ 11	– 1,923
Salem	1895-96	430	426	430	426	1,808	1,446	270	1,176
	1896-97	427	427	254	427	1,794	1,434	1,199	235
	Difference ..	– 3	+ 1	– 176	+ 1	– 14	– 12	+ 929	– 941
Total of Class III Works.	1895-96	102,081	74,854	102,053	74,849	8,35,788	7,04,852	4,914	6,99,938
	1896-97	101,589	74,054	94,561	69,451	8,36,244	7,05,297	53,239	6,52,058
	Difference ..	– 492	– 800	– 7,492	– 5,398	+ 456	+ 445	+ 48,325	– 47,880
Class IV Works.									
Ganjám	1895-96	136,236	6,317	135,339	6,317	3,57,187	1,87,442	7,584	1,79,858
	1896-97	122,888	1,271	76,178	1,249	3,12,393	1,61,902	1,50,951	10,951
	Difference ..	– 13,348	– 5,046	– 59,161	– 5,068	– 44,794	– 25,540	+ 1,43,367	– 1,68,907
Vizagapatam	1895-96	81,833	73,183	81,730	73,178	3,50,876	2,47,602	1,295	2,46,307
	1896-97	80,720	72,312	52,372	55,816	3,41,800	2,42,232	1,27,073	1,15,159
	Difference ..	– 1,113	– 871	– 29,358	– 17,362	– 9,076	– 5,370	+ 1,25,778	– 1,31,148
Gódavari	1895-96	108,288	3,606	1,06,951	3,593	2,95,991	1,95,938	3,135	1,92,803
	1896-97	105,350	1,687	62,213	1,554	2,80,316	1,83,305	1,34,900	48,405
	Difference ..	– 2,938	– 1,919	– 44,738	– 2,039	– 15,675	– 12,633	+ 1,31,765	– 1,44,398
Kistna	1895-96	48,055	344	46,730	343	2,21,218	1,55,685	6,809	1,48,876
	1896-97	44,859	224	32,858	218	2,05,706	1,43,714	67,027	76,687
	Difference ..	– 3,196	– 120	– 13,872	– 125	– 15,512	– 11,971	+ 60,218	– 72,189
Nellore	1895-96	130,851	9,700	113,188	9,552	6,06,675	4,75,941	73,827	4,02,114
	1896-97	133,836	12,769	126,040	12,767	6,16,226	4,84,664	33,472	4,51,192
	Difference ..	+ 2,985	+ 3,069	+ 12,852	+ 3,215	+ 9,551	+ 8,723	– 40,355	+ 49,078
Cuddapah	1895-96	214,357	77,137	207,220	76,781	10,28,217	8,49,780	46,900	8,02,880
	1896-97	208,506	62,526	164,914	60,416	9,65,455	7,89,476	2,70,362	5,19,114
	Difference ..	– 5,851	– 14,611	– 42,306	– 16,365	– 62,762	– 60,304	+ 2,23,462	– 2,83,766
Anantapur	1895-96	124,928	41,802	112,952	41,478	5,55,599	4,84,518	59,043	4,25,475
	1896-97	122,138	24,345	79,152	23,942	4,89,190	4,17.992	2,10,330	2,07,662
	Difference ..	– 2,790	– 17,457	– 33,800	– 17,536	– 66,409	– 66,526	+ 1,51,287	– 2,17,813
Bellary	1895-96	54,129	15,631	52,168	15,418	3,19,213	2,73,517	10,558	2,62,959
	1896-97	53,264	12,587	43,297	12,357	3,07,534	2,61,847	58,189	2,03,658
	Difference ..	– 865	– 3,044	– 8,871	– 3,061	– 11,679	– 11,670	+ 47,631	– 59,301
Kurnool	1895-96	53,026	8,445	50,902	8,415	2,41,233	1,89,874	13,346	1,76,528
	1896-97	46,305	5,760	36,560	5,715	2,04,400	1,56,728	74,302	82,426
	Difference ..	– 6,721	– 2,685	– 14,342	– 2,700	– 36,833	– 33,146	+ 60,956	– 94,102
Chingleput	1895-96	352,828	67,712	349,223	67,434	12,46,100	8,88,108	21,678	8,66,430
	1896-97	354,272	53,943	351,443	53,780	12,16,840	8,58,467	19,079	8,39,388
	Difference ..	+ 1,444	– 13,769	+ 2,220	– 13,654	– 29,260	– 29,641	– 2,599	– 27,042

Statement showing the total area occupied, the area actually irrigated or charged as irrigated and the revenue derived for fasli 1306 (1896-97), &c.—*cont.*

—	—	Area occupied. First crop.	Area occupied. Second crop.	Area actually irrigated or charged as irrigated. First crop.	Area actually irrigated or charged as irrigated. Second crop.	Total land and irrigation revenue.	Share due to irrigation.	Deduct remissions and deductions.	Net revenue due to irrigation.
Class IV Works—*cont.*		Acs.	Acs.	Acs.	Acs.	Rs.	Rs.	Rs.	Rs.
North Arcot	1895-96	225,650	104,342	220,062	103,679	11,91,719	8,85,047	28,742	8,56,305
	1896-97	221,053	96,093	209,145	94,779	11,56,831	8,53,659	85,824	7,67,835
	Difference ..	— 4,597	— 8,249	— 10,917	— 8,900	— 34,888	— 31,388	+ 57,082	— 88,470
South Arcot	1895-96	289,280	60,090	289,146	60,070	15,53,190	10,85,246	790	10,84,456
	1896-97	285,591	47,930	283,650	47,209	15,08,484	10,45,252	11,059	10,34,193
	Difference ..	— 3,689	— 12,160	— 5,496	— 12,861	— 44,706	— 39,994	+ 10,269	— 50,263
Tanjore	1895-96	54,318	3,181	54,317	3,181	173,687	1,27,279	1,430	1,25,849
	1896-97	54,643	3,691	54,642	3,691	176,007	1,28,804	1,808	1,26,996
	Difference ..	+ 325	+ 510	+ 325	+ 510	+ 2,320	+ 1,525	+ 378	+ 1,147
Trichinopoly	1895-96	124,999	48,114	124,741	48,056	7,66,243	5,62,283	1,891	5,60,392
	1896-97	122,168	42,476	121,972	42,463	7,52,419	5,49,686	3,980	5,45,706
	Difference ..	— 2,831	— 5,638	— 2,769	— 5,593	— 13,824	— 12,597	+ 2,089	— 14,686
Madura	1895-96	191,463	62,557	188,158	58,640	8,83,698	7,20,398	22,191	6,98,207
	1896-97	141,230	38,683	139,586	36,345	6,29,856	5,05,580	15,287	4,90,293
	Difference ..	— 50,233	— 23,874	— 48,572	— 22,295	— 2,53,842	— 2,14,818	— 6,904	— 2,07,914
Tinnevelly	1895-96	146,595	80,300	141,812	79,251	9,52,670	8,19,182	36,396	7,82,786
	1896-97	148,679	84,601	146,534	84,026	9,86,839	8,51,673	22,491	8,29,182
	Difference ..	+ 2,084	+ 4,301	+ 4,722	+ 4,775	+ 34,769	+ 32,491	— 12,905	+ 46,396
Coimbatore	1895-96	49,429	19,246	48,306	18,715	2,79,018	2,30,572	8,157	2,22,415
	1896-97	49,590	18,616	48,372	17,891	2,77,092	2,28,263	6,907	2,21,356
	Difference ..	+ 161	— 630	+ 66	— 824	— 1,926	— 2,309	— 1,250	— 1,059
Salem	1895-96	114,911	105,078	113,937	104,280	6,06,770	4,35,950	6,113	4,29,837
	1896-97	112,234	104,866	106,043	99,185	5,91,307	4,24,366	34,489	3,89,877
	Difference ..	— 2,677	— 212	— 7,894	— 5,095	— 15,463	— 11,584	+ 28,376	— 39,960
Total of Class IV Works.	1895-96	2,501,176	786,785	2,436,882	778,381	1,16,28,704	88,14,362	3,19,885	84,64,477
	1896-97	2,407,326	684,380	2,134,971	653,403	1,10,18,695	82,87,610	13,27,530	69,60,080
	Difference ..	— 93,850	— 102,405	— 301,911	— 124,978	— 6,10,009	— 5,26,752	+ 9,77,645	— 15,04,397

APPENDIX II.

Abstract statement of the extent of Irrigation and the Revenue derived from Irrigation Works for the fasli year 1306 (1896-97).

Class and names of systems and canals.	Expected ultimate area of irrigation.	Area occupied. First crop.	Area occupied. Second crop.	Area charged as irrigated. First crop.	Area charged as irrigated. Second crop.	Area of lands irrigated free of charge included in columns 3 and 4. First crop.	Area of lands irrigated free of charge included in columns 3 and 4. Second crop.	Total, land and irrigation revenue.	Share due to irrigation.	Deduct remissions and deductions.	Net revenue due to irrigation.
1	2	3	4	5	6	7	8	9	10	11	12
Class I.—Productive Public Works for which Capital and Revenue Accounts are kept.	Acs.	Acs.	Acs.	Acs.	Acs.	Acs.	Acs.	Rs.	Rs.	Rs.	Rs.
Gódávari Anikat System.											
Eastern delta .. 1. Main canal	..	1,046	2	1,046	2	217	..	4,213	4,157	414	3,743
2. Bank do.	20,200	28,150	7,725	24,811	7,597	1,824	..	1,64,776	1,37,182	20,154	1,17,028
3. Cocanada canal	44,000	42,433	8,709	42,305	8,709	10,677	..	2,71,837	2,05,113	3,938	2,01,175
4. Sámalkót do.	29,000	28,945	4,636	27,951	4,611	9,805	..	1,43,480	1,16,275	1,011	1,15,264
5. Mandapet do.	28,000	32,685	9,011	32,685	8,990	729	..	2,66,854	1,97,265	1,219	1,96,046
6. Coringa do.	32,000	34,032	6,896	32,590	6,873	8,582	..	1,99,629	1,49,534	10,795	1,38,739
7. Injiram do.	16,800	16,120	4,927	15,970	4,927	3,498	..	91,811	76,760	4,645	72,115
8. Kovur-Manjair junction canal	..	5,986	741	5,944	738	2,860	..	21,098	20,871	3,547	17,324
Total, Eastern delta ..	170,000	188,497	42,647	183,302	42,447	38,132	..	11,63,698	9,07,157	45,723	8,61,434
Central delta .. 1. Main canal	1,000	87	602	87	602	..	..	2,739	2,488	337	2,151
2. Gunnavaram canal	47,880	38,645	8,358	35,341	8,306	3,601	..	2,64,858	2,00,320	21,539	1,78,781
3. Bank canal	29,650	33,437	7,429	32,476	7,429	4,932	..	1,94,249	1,51,103	6,910	1,44,193
4. Amalápuram canal	31,350	29,345	5,111	28,963	5,098	7,666	..	1,54,932	1,26,213	5,189	1,21,024
5. Bendamurlanka canal ..	12,540	10,620	896	9,723	896	2,885	..	51,498	37,788	6,733	31,055
Total, Central delta ..	122,420	112,134	22,396	106,595	22,331	18,484	..	6,68,276	5,17,912	40,708	4,77,204
Western delta .. 1. Main canal	1,000	1,716	765	1,698	765	213	50	10,206	9,975	942	9,033
2. Kakaraparru canal ..	8,500	9,981	5,281	9,855	5,275	..	..	68,610	59,298	3,118	56,180
3. Gostanadi and Velpur canal	39,000	42,224	5,946	41,955	5,890	7,549	..	2,52,076	1,87,141	3,417	1,83,724
4. Bank canal	28,000	33,875	19,168	23,609	18,919	1,422	..	2,84,283	2,16,039	66,163	1,49,876
5. Narsapur canal	59,000	66,247	17,091	51,295	16,083	8,936	..	4,30,570	3,35,646	94,758	2,40,888
6. Ellore do.	55,000	39,544	2,053	39,371	2,043	5,554	..	1,96,197	1,69,501	2,307	1,67,194
7. Attili do.	33,000	33,856	13,856	33,818	13,853	1,920	..	2,34,007	1,86,584	3,143	1,83,441
8. Venkayya and Wyair canal	48,080	41,731	3,150	41,587	3,056	21,844	244	1,29,047	1,05,865	2,404	1,03,461
9. Undi canal	48,000	51,616	2,760	51,445	2,760	20,317	..	2,22,585	1,63,317	1,800	1,61,517
10. Junction canal	..	17,885	4,129	17,768	4,129	2,208	..	1,01,569	86,093	637	85,456
Total, Western delta ..	319,580	338,675	74,199	312,401	72,773	69,963	294	19,29,150	15,19,459	1,78,689	13,40,770
Total, Gódávari anikat system ..	612,000	639,306	139,242	602,298	137,551	126,579	294	37,61,124	29,44,528	2,65,120	26,79,408

Abstract statement of the extent of Irrigation and the Revenue derived from Irrigation Works for the fasli year 1306 (1896-97)—*cont.*

Class and names of systems and canals.	Expected ultimate area of irrigation.	Area occupied.		Area charged as irrigated.		Area of lands irrigated free of charge included in columns 3 and 4.		Total, land and irrigation revenue.	Share due to irrigation.	Deduct remissions and deductions.	Net revenue due to irrigation.
		First crop.	Second crop.	First crop.	Second crop.	First crop.	Second crop.				
1	2	3	4	5	6	7	8	9	10	11	12
CLASS II.—AGRICULTURAL WORKS FOR WHICH CAPITAL AND REVENUE ACCOUNTS ARE KEPT.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	RS.	RS.	RS.	RS.
Pálár Anikat System.											
1. Káveripak canal	..	19,309	6,352	16,674	4,982	4,225	925	90,321	69,655	14,432	55,223
2. Mahendravadi canal	..	5,870	1,093	4,909	851	502	45	28,989	22,946	3,848	19,098
3. Govindavadi do.	..	7,228	934	7,056	897	1,137	104	30,441	22,321	991	21,330
4. Kambakal do.	..	18,369	3,181	18,210	3,181	2,983	152	60,743	43,808	1,007	42,801
Total, Northern section	..	50,776	11,560	46,849	9,911	8,847	1,226	2,10,494	1,58,730	20,278	1,38,452
1. Dusi canal	..	18,634	11,593	18,482	11,561	2,474	2,454	1,04,884	81,034	1,614	79,420
2. Chakramallur canal	..	3,562	1,389	3,543	1,389	189	170	19,527	14,588	133	14,455
3. Kalavai canal	..	1,524	530	1,462	530	86	76	7,699	5,802	225	5,577
Total, Southern section	..	23,720	13,512	23,487	13,480	2,749	2,700	1,32,110	1,01,424	1,972	99,452
Total, Pálár anikat system	68,700	74,496	25,072	70,336	23,391	11,593	3,926	3,42,604	2,60,154	22,250	2,37,904
Pelandorai Anikat System	7,541	9,233	168	9,223	168	436	..	49,689	34,296	94	34,202
Chembrambakam Tank	18,000	13,042	2,220	13,037	2,200	1,997	123	64,279	46,248	373	45,875
Madras Water-supply and Irrigation Extension Project.											
1. Sholavaram tank	9,852	3,076	554	3,076	554	568	11	11,583	7,894	297	7,597
2. Red Hills do.		4,326	1,787	4,326	1,787	1,075	439	16,791	13,265	64	13,201
Total, Madras Water-supply and Irrigation Extension Project	9,852	7,402	2,341	7,402	2,341	1,583	450	28,374	21,159	361	20,798
1. Cumbum tank	Not fixed.	5,534	4,001	5,533	2,586	1,766	1,247	45,267	39,185	5,993	33,192
2. Thadapalli channel		14,686	401	14,530	401	471	..	1.26,362	1,04,897	726	1,04,171
3. Arakankottai channel		4,118	43	4,083	43	103	..	33,250	27,619	210	27,409
4. Kalingaroyen do.		11,272	10,244	11,272	10,244	775	755	1,18,927	1,05,133	130	1,05,003
5. Vallur anikat		5,149	94	5,149	94	2,786	10	13,465	8,632	349	8,283
6. Cheyaru do.		22,104	14,898	22,104	14,898	1,815	1,699	1,22,368	91,200	211	90,989
7. Poiney do.		21,695	4,281	19,903	3,805	2,065	178	1,10,847	82,442	8,337	74,105
8. Lower Coleroon anikat		107,074	1,900	106,994	1,892	8,285	114	6,23,216	3,83,798	734	3,83,064
9. Shatyatope anikat		29,955	3,391	29,846	3,350	1,559	14	1,67,116	1,11,985	244	1,11,741
10. Vriddhachalam do.		6,157	225	6,157	225	104	..	37,426	24,424	8	24,416
11. Mehmattur do.		3,490	59	3,490	59	29	..	23,241	15,141	..	15,141
12. Tirukkóyilúr do.		23,003	2,384	22,893	2,358	1,501	14	1,30,662	92,276	759	91,517
13. Marudur do.		17,545	16,471	17,467	16,441	655	466	2,15,482	1,88,632	2,520	1,86,112
14. Nandyar channel		4,284	1,579	4,054	1,454	43	..	22,946	16,857	1,296	15,561
Ganjam minor rivers system.											
Langulia river—1. Doosi main channel	Not fixed.	3,992	1,327	3,738	1,327	1,150	..	18,068	12,069	1,087	10,982
Langulia river—2. Wadada do.		10,146	1,355	10,096	1,352	3,598	..	34,491	21,970	232	21,738
Total, Langulia river	..	14,138	2,682	13,834	2,679	4,748	..	52,559	34,039	1,319	32,720
Vamsadhara river—1. Purushottapur main channel	Not fixed.	2,939	1,234	2,273	1,234	818	..	12,554	8,673	3,003	5,670
Vamsadhara river—2. Byree do.		12,232	2,670	11,394	2,670	2,987	..	44,934	30,401	5,022	25,379
Vamsadhara river—3. Nagarikatakam do.		2,836	209	2,664	209	595	..	11,065	6,911	877	6,034
Vamsadhara river—4. Jalmur do.		9,040	2,696	8,829	2,696	2,326	..	39,622	26,094	2,169	23,925
Vamsadhara river—5. Looklam do.		3,567	75	3,567	75	3,247	..	3,750	2,476	..	2,476
Vamsadhara river—6. Polaky do.		10,115	1,008	9,715	1,008	3,310	..	35,127	22,432	1,341	21,091
Total, Vamsadhara river	..	40,729	7,892	38,442	7,892	13,283	..	1,47,052	96,987	12,412	84,575
Garibula Gedda Hill Stream	Not fixed.	1,889	196	958	196	165	..	5,511	3,203	2,472	731
Total, Ganjám minor rivers system	..	56,756	10,770	53,234	10,767	18,196	..	2,05,122	1,34,229	16,203	1,18,026
CLASS III.—AGRICULTURAL WORKS FOR WHICH INDIVIDUALLY A CONTINUOUS RECORD IS TO BE MAINTAINED.											
Vizagapatam District.											
Sarada river—1. Gódávari anikat	Not fixed.	6,110	3,939	4,227	3,884	3,939	1,852	22,009	16,193	14,266	1,927
Sarada river—2. Mamidivada do.		1,888	981	1,409	503	1,337	430	5,619	4,065	3,278	787
Sarada river—3. Dimili do.		865	865	587	587	575	575	3,136	2,114	1,546	568
Sarada river—4. Kattukoolu do.		1,282	1,082	654	454	652	652	5,620	3,794	3,911	— 117
Sarada river—5. Kumarapalli do.		1,516	1,516	606	607	605	605	6,471	4,658	4,725	— 67
Sarada river—6. Marripallem do.		731	731	191	192	191	191	2,959	1,848	2,549	— 701
Total, Sarada river	..	12,392	9,114	7,674	6,227	7,299	4,305	45,814	32,672	30,275	2,397
Varaha river—1. Pallaparti anikat	Not fixed.	3,202	2,244	2,384	1,427	1,865	1,032	10,567	7,412	5,274	2,138
Varaha river—2. Mallelagedda do.		603	603	226	227	186	186	1,837	1,226	1,363	— 137
Varaha river—3. Gubbada do.		1,888	1,515	1,204	1,086	189	178	8,097	6,289	5,119	1,170
Varaha river—4. Duggada do.		1,217	1,098	980	1,019	204	204	8,132	6,091	3,656	2,435
Total, Varaha river	..	6,910	5,460	4,794	3,759	2,444	1,600	28,633	21,018	15,412	5,606
Total, Vizagapatam district	..	19,302	14,574	12,468	9,986	9,743	5,905	74,447	53,690	45,687	8,003

Abstract statement of the extent of Irrigation and the Revenue derived from Irrigation Works for the fasli year 1306 (1896-97)—*cont.*

Class and names of systems and canals.	Expected ultimate area of irrigation.	Area occupied.		Area charged as irrigated.		Area of lands irrigated free of charge included in columns 3 and 4.		Total, land and irrigation revenue.	Share due to irrigation.	Deduct remissions and deductions.	Net revenue due to irrigation.
		First crop.	Second crop.	First crop.	Second crop.	First crop.	Second crop.				
1	2	3	4	5	6	7	8	9	10	11	12
CLASS III.—AGRICULTURAL WORKS FOR WHICH INDIVIDUALLY A CONTINUOUS RECORD IS TO BE MAINTAINED—*cont.*	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	RS.	RS.	RS.	RS.
Salem District.											
Pennagundapuram tank	Not fixed.	427	427	254	427	..	..	1,794	1,434	1,199	235
Tinnevelly District.											
Támbraparni river. 1. Ariyanayakapuram anikat..	Not fixed.	5,345	5,052	5,345	5,052	689	310	73,000	65,869	949	64,920
2. Palanur do. ..		8,389	7,698	8,389	7,698	457	133	1,07,046	95,376	813	94,563
3. Suttamalli do. ..		6,313	5,455	6,313	5,455	787	407	72,405	64,650	208	64,442
4. Kodamilalaghien do. ..		3,143	2,666	3,143	2,666	1,333	681	20,410	17,074	89	16,985
5. Nathiyuni do. ..		2,349	2,207	2,349	2,207	784	608	21,862	19,901	28	19,873
6. Kannadien do. ..		11,404	11,100	11,404	11,100	476	384	1,82,318	1,62,190	1,462	1,60,728
Total, Tinnevelly district ..	..	36,943	34,178	36,943	34,178	4,526	2,523	4,77,041	4,25,060	3,549	4,21,511
Chingleput District.											
Madurántakam tank	Not fixed.	5,932	799	5,932	799	826	33	21,126	14,599	293	14,306
South Arcot District.											
Myorenady .. Kattumailur anikat	Not fixed.	467	67	467	67	..	..	3,413	2,239	..	2,239
Gadilam river .. 1. Tiruvadi do.	Not fixed.	7,041	1,974	7,020	1,959	478	..	50,989	36,835	205	36,630
2 Vanamadevi do.		803	313	803	313	96	..	6,898	4,828	1	4,827
3. Tiruvendipuram anikat ..		2,020	713	2,020	713	635	24	15,685	11,587	1,777	9,810
Total, Gadilam river ..	..	9,864	3,000	9,843	2,985	1,209	24	73,572	53,250	1,983	51,267
Kullar river .. Vikravandi anikat	Not fixed.	2,275	137	2,275	137	56	..	12,033	8,155	11	8,144
Total, South Arcot district ..	..	12,606	3,204	12,585	3,189	1,265	24	89,018	63,644	1,994	61,650
Coimbatore District.											
1. Cullapuram anikat channel.	Not fixed.	1,437	1,424	1,437	1,424	65	51	6,648	5,770	..	5,770
2. Comaralingam do.		2,610	2,148	2,610	2,148	88	61	10,792	8,864	..	8,864
3. Kannadiputtur do.		607	605	607	605	97	97	5,280	4,634	..	4,634
4. Sholamadevi do.		525	525	525	525	118	118	4,683	4,094	..	4,094
5. Kuddattur do.		1,112	1,104	1,112	1,104	140	134	8,405	7,406	20	7,386
6. Kanniyur do.		397	296	397	296	27	22	3,358	2,947	..	2,947
7. Koratalavu do.		577	573	577	573	44	44	4,785	4,204	..	4,204
8. Alinghirur do.		1,034	723	1,034	723	121	120	11,281	9,716	..	9,716
9. Dalavoyapatnam do.		952	386	952	386	200	128	5,646	4,574	..	4,574
10. Dhárápuram do.		2,445	1,392	2,445	1,392	349	304	24,784	21,260	..	21,260
Amaravati river. 11. Calinjeevadi do.		3,221	1,294	3,221	1,294	292	268	22,987	19,103	..	19,103
12. Nanjatalayur do.		362	354	362	354	53	53	2,496	2,081	..	2,081
13. Chinna Dhárápuram do.		1,925	1,872	1,925	1,872	168	108	10,062	8,579	..	8,579
14. Sundakayapalliam do.		259	163	259	163	3	3	1,627	1,348	..	1,348
15. Nanjakalakurchi do.		365	365	365	365	9	9	2,118	1,788	17	1,771
16. Pallapalliam do.		3,796	3,293	3,796	3,293	200	162	22,588	19,072	88	18,984
17. Tirumanallur Korambu channel		941	852	941	852	84	40	4,982	4,248	146	4,102
18. Karúr Balambapuram channel		771	607	771	607	562	404	1,375	1,203	9	1,194
19. Panchamadevi channel ..		272	269	272	269	16	16	1,872	1,563	..	1,563
20. Sonapatty		565	544	565	544	46	36	4,320	3,633	59	3,574
21. Puliyur		1,281	1,267	1,281	1,267	142	127	7,705	6,515	42	6,473
22. Coyenhully		925	816	925	816	83	68	5,024	4,268	136	4,132
Total, Amaravati river ..		26,379	20,872	26,379	20,872	2,907	2,373	1,72,818	1,46,870	517	1,46,353
CLASS IV.—WORKS FOR WHICH NEITHER CAPITAL AND REVENUE ACCOUNTS NOR A CONTINUOUS RECORD OF EXPENDITURE IS KEPT.											
(*Imperial.*)											
1. Ganjám	Not fixed.	60,364	605	35,991	604	10,298	43	1,71,618	87,838	86,609	1,229
2. Vizagapatam		33,496	28,051	23,284	23,911	13,329	6,193	1,46,464	1,05,708	44,905	60,803
3. Gódávari		47,151	1,448	31,594	1,346	15,661	178	1,54,804	96,783	57,010	39,773
4. Kistna		16,482	..	8,262	..	1,078	..	74,333	50,078	38,229	11,839
5. Nellore		97,388	7,280	91,517	7,280	12,904	457	4,60,471	3,62,471	22,672	3,39,799
6. Cuddapah		60,217	23,367	47,768	22,587	21,276	3,666	3,41,334	2,80,083	83,465	1,96,618
7. Anantapur		50,112	5,315	26,032	5,066	10,013	1,173	2,14,730	1,85,646	1,22,909	62,737
8. Bellary		31,312	6,359	25,356	6,308	6,752	1,396	2,22,745	1,91,565	36,182	1,55,383
9. Kurnool		19,343	3,130	14,550	3,130	7,627	1,019	91,419	69,062	33,669	35,393
10. Chingleput		234,675	38,849	233,343	38,720	22,883	1,580	8,48,436	5,98,165	9,467	5,88,698
11. North Arcot		61,418	24,773	56,964	24,328	6,487	3,932	3,31,822	2,44,599	26,901	2,17,698
12. South Arcot		79,352	13,686	78,919	13,199	3,748	154	4,40,336	3,09,599	3,648	3,05,951
13. Tanjore		18,007	1,618	18,007	1,618	3,374	40	61,516	46,452	90	46,362
14. Trichinopoly		80,208	26,766	80,688	26,753	4,809	781	5,91,859	4,33,549	3,764	4,29,785
15. Madura		49,457	20,995	49,374	19,128	2,628	940	2,67,851	2,24,666	8,017	2,16,649
16. Tinnevelly		55,905	33,150	55,186	33,090	3,611	1,770	4,19,920	3,62,055	4,235	3,57,820
17. Coimbatore		35,499	14,065	34,705	13,501	2,896	798	2,16,092	1,79,764	5,285	1,74,479
18. Salem		32,006	30,700	29,657	28,561	2,960	2,535	2,04,169	1,49,385	13,185	1,36,200
Total, Imperial ..		1,062,392	280,157	940,627	2,69,130	152,334	26,605	52,54,919	39,77,468	6,00,252	33,77,216

Abstract statement of the extent of Irrigation and the Revenue derived from Irrigation Works for the fasli year 1306 (1896-97)—*cont.*

Class and names of systems and canals.	Expected ultimate area of irrigation.	Area occupied.		Area of lands irrigated free of charge included in columns 3 and 4.		Total, land and irrigation revenue.	Share due to irrigation.	Deduct remissions and deductions.	Net revenue due to irrigation.
		First crop.	Second crop.	First crop.	Second crop.				
1	2	3	4	5	6	7	8	9	10	11	12
	ACS.	ACS.	ACS.	ACS.	ACS.	RS.	RS.	RS.	RS.	RS.	RS.
CLASS IV.—WORKS FOR WHICH NEITHER CAPITAL AND REVENUE ACCOUNTS NOR A CONTINUOUS RECORD OF EXPENDITURE IS KEPT—*cont.*											
(Minor.)											
1. Ganjám				645	10,997	1,40,775	74,064	64,342	9,722
2. Vizagapatam				31,905	13,378	1,95,336	1,36,624	82,168	54,356
3. Godáveri				208	14,628	1,25,512	86,522	77,890	8,632
4. Kistna				218	2,214	1,31,373	93,636	28,788	64,848
5. Nellore				5,487	5,871	1,55,755	1,22,193	10,800	1,11,393
6. Cuddapah				37,829	50,761	6,24,121	5,09,393	1,86,897	3,22,496
7. Anantapur				18,876	12,413	2,74,460	2,32,346	87,421	1,44,925
8. Bellary				6,049	5,024	84,789	70,282	22,007	48,275
9. Kurnool				2,585	2,568	1,12,981	87,666	40,633	47,033
10. Chingleput				15,060	8,794	3,73,404	2,60,302	9,612	2,50,690
11. North Arcot				70,451	14,281	8,25,009	6,09,060	58,923	5,50,137
12. South Arcot				34,010	27,174	10,68,148	7,35,653	7,411	7,28,242
13. Tanjore				2,073	10,013	1,14,491	82,352	1,718	80,634
14. Trichinopoly				15,710	3,543	1,60,590	1,16,137	216	1,15,921
15. Madura				17,217	8,855	3,62,005	2,80,914	7,270	2,73,644
16. Tinnevelly				50,936	4,721	5,66,919	4,89,618	18,256	4,71,362
17. Coimbatore				4,390	6,753	61,000	48,499	1,622	46,877
18. Salem				70,624	1,706	3,87,138	2,74,981	21,304	2,53,677
					5,674	4,719			
Total, Minor ..	..	1,344,934	404,223	384,273	206,800	62,282	57,63,776	43,10,142	7,27,278	35,82,864
Grand Total (Imperial and Minor) ..	..	2,407,326	684,380	653,403	359,134	78,887	1,10,18,695	82,87,610	13,27,530	69,60,080

APPENDIX III.

COMPARATIVE statement of the area irrigated and the revenue derived in each taluk under the Kurnool-Cuddapah canal for faslis 1305 (1895-96) and 1306 (1896-97).

Taluks.		Area irrigated. First crop. Wet.	Area irrigated. First crop. Dry.	Area irrigated. Second crop. Wet.	Area irrigated. Second crop. Dry.	Demand.	Remissions.	Net demand.
Kurnool.		ACS.	ACS.	ACS.	ACS.	RS.	RS.	RS.
Nandyal	1305 ..	2,477	215	310	453	10,357	4	10,353
	1306 ..	3,928	9,069	151	1,184	29,044	..	29,044
	Difference ..	+ 1,451	+ 8,854	— 159	+ 731	+ 18,687	— 4	+ 18,691
Sirvel	1305 ..	1,865	1,530	30	140	9,004	21	8,983
	1306 ..	2,344	11,981	17	425	24,133	..	24,133
	Difference ..	+ 479	+ 10,451	— 13	+ 285	+ 15,129	— 21	+ 15,150
Koilkuntla ..	1305 ..	191	143	37	34	1,260	..	1,260
	1306 ..	208	5,997	12	128	7,565	..	7,565
	Difference ..	+ 17	+ 5,854	— 25	+ 94	+ 6,305	..	+ 6,305
Ramallakot ..	1305 ..	1,605	82	409	24	7,774	..	7,774
	1306 ..	1,872	810	619	152	10,196	..	10,196
	Difference ..	+ 267	+ 728	+ 210	+ 128	+ 2,422	..	+ 2,422
Nandikotkur ..	1305 ..	4,494	831	208	485	18,345	18	18,327
	1306 ..	5,118	20,181	517	905	42,043	105	41,938
	Difference ..	+ 624	+ 19,350	+ 309	+ 420	+ 23,698	+ 87	+ 23,611
Total ..	1305 ..	10,632	2,801	994	1,136	46,740	43	46,697
	1306 ..	13,470	48,038	1,316	2,794	* 1,12,981	105	1,12,876
	Difference ..	+ 2,838	+ 45,237	+ 322	+ 1,658	+ 66,241	+ 62	+ 66,179
Cuddapah.								
Cuddapah	1305 ..	6,792	506	2,826	249	35,793	1,520	34,273
	1306 ..	6,987	1,339	2,027	432	35,398	1,192	34,206
	Difference ..	+ 195	+ 833	— 799	+ 183	— 395	— 328	— 67
Proddatur	1305 ..	2,831	3,030	4	1,078	21,928	85	21,843
	1306 ..	3,313	5,192	42	1,538	26,860	55	26,805
	Difference ..	+ 482	+ 2,162	+ 38	+ 460	+ 4,932	— 30	+ 4,962
Jammalamadugu ..	1305 ..	15	9	..	..	129	8	121
	1306 ..	11	727	..	..	854	..	854
	Difference ..	— 4	+ 718	..	..	+ 725	— 8	+ 733
Total ..	1305 ..	9,638	3,545	2,830	1,327	57,850	1,613	56,237
	1306 ..	10,311	7,258	2,069	1,970	63,112	1,247	61,865
	Difference ..	+ 673	+ 3,713	— 761	+ 643	+ 5,262	— 366	+ 5,628
Grand Total ..	1305 ..	20,270	6,346	3,824	2,463	1,04,590	1,656	1,02,934
	1306 ..	23,781	55,296	3,385	4,764	1,76,093	1,352	1,74,741
	Difference ..	+ 3,511	+ 48,950	— 439	+ 2,301	+ 71,503	— 304	+ 71,807

* Excludes Rs. 3,500 being value of water supplied to the Kurnool Municipality.

APPENDIX IV.

STATEMENT showing the total area actual'y irrigated by flow or lift under classes I and II works and the quantity and the value of crops raised thereon during 1896–97.

Name of system.	Area irrigated.						Area irrigated with different crops.										
	First crop.		Second crop.		Total.	Both seasons.	Paddy.				Ragi.				Other crops.		
	Flow.	Lift.	Flow.	Lift.			Extent.	Total outturn in tons.	Total value	Value of average outturn per acre.	Extent.	Total outturn in tons.	Total value.	Value of average outturn per acre.	Extent.	Value.	Value of average outturn per acre.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
CLASS I—WORKS.	ACS.	ACS	ACS.	ACS.	ACS.	ACS.	ACS.	TONS.	RS.	RS.	ACS.	TONS.	RS.	RS.	ACS.	RS.	RS.
1. Gódávari anikat	618,085	13,326	132,182	6,363	769,956	10,288	588,962	275,502	1,57,56,267	26·8	4,272	1,107	57,365	13·4	135,368	24,72,569	18·3
2. Kistna do.	470,285	9,426	480	174	480,365	..	464,183	219,694	1,19,18,872	25·7	4,131	541	33,964	8·2	6,529	1,39,167	21·3
3. Cauvery do.	814,304	37,264	87,755	3,781	943,104	5,418	896,418	501,684	2,28,04,242	25·4	15,273	3,458	139,076	9·1	27,726	2,73,474	13·4
4. Pennér anikat	61,290	665	3,244	2	65,201	10	60,668	19,911	10,93,287	18·0	823	105	4,571	5·5	2,715	9,185	3·4
5. Sangam do.	67,878	975	6,870	240	75,963	110	67,991	23,499	12,90,299	18·9	1,290	201	8,749	6·7	5,482	42,604	7·8
6. Srívaikuntam anikat ..	19,029	790	15,141	368	35,328	523	32,077	7,324	4,14,653	12·9	213	19	907	4·2	2,457	16,570	6·7
7. Barur tank Project	2,521	18	1,213	1	3,753	249	3,352	1,566	85,987	25·6	123	21	944	7·6	278	2,460	8·8
8. Rushikulya do.	62,938	3,216	378	29	66,561	86	62,978	23,722	10,28,596	16·3	256	25	1,173	4·6	889	27,820	31·3
9. Kurnool-Cuddapah canal ..	76,452	1,444	7,858	202	85,956	223	20,244	9,973	5,91,141	29·2	3,563	586	28,090	7·9	58,099	8,27,041	14·2
10. Periyár Project	48,517	106	11,931	19	60,573	736	51,784	17,160	8,37,073	16·2	3,333	490	22,499	6·8	5,333	86,393	16·2
CLASS II—WORKS.																	
11. Pálár anikat	63,949	1,165	21,426	202	86,736	769	72,922	23,940	12,71,367	17·4	7,286	673	32,992	4·5	4,999	27,400	5·5
12. Pelandorai anikat	8,965	46	164	4	9,179	129	8,871	3,122	1,42,735	16·1	42	7	306	7·3	266	10,359	38·9
13. Chembrambakkam tank ..	12,284	150	2,170	9	14,613	685	12,839	3,204	1,77,714	13·8	593	54	3,014	5·1	1,157	37,504	32·4
14. Madras water-supply and irrigation extension Project	6,614	269	2,304	37	9,224	70	7,932	1,773	98,341	12·4	558	53	2,958	5·3	734	5,002	6·8
15. Cumbum tank	5,360	81	1,325	2	6,768	315	4,253	1,931	1,14,672	27·0	482	83	4,909	10·2	2,030	35,596	17·5
16. Thadapalli channel	14,336	187	241	78	14,842	244	13,926	8,086	4,62,588	33·2	149	16	741	5·0	764	29,189	38·2
17. Arakankottai do.	4,006	65	21	22	4,114	25	4,034	2,811	1,60,813	39·9	16	2	93	5·8	64	1,889	29·5
18. Kalingarayan do.	9,208	2,008	7,969	1,351	20,536	697	16,324	9,992	5,71,628	35·0	2,048	330	15,281	7·5	2,008	83,539	41·6
19. Vallur anikat	3,946	391	86	8	4,431	56	3,912	755	41,877	10·7	130	8	446	3·4	389	2,481	6·4
20. Cheyaru do.	20,781	279	10,623	280	31,963	40	28,219	9,676	5,08,308	18·0	2,790	304	14,446	5·2	951	4,665	4·9
21. Poiney do.	18,469	392	3,794	100	22,755	298	17,246	5,949	3,12,518	18·1	3,609	331	15,729	4·4	1,743	16,913	9·7
22. Lower Coleroon anikat ..	104,182	775	1,808	79	106,844	211	105,032	55,090	25,13,767	23·9	394	83	3,473	8·8	1,186	13,774	11·6
23. Shatyatope do. ..	28,531	307	3,324	67	32,229	77	29,794	12,783	5,84,425	19·6	1,577	297	12,980	8·2	836	13,855	16·6
24. Vriddhachalam do. ..	6,036	25	225	..	6,286	67	6,022	2,791	1,27,602	21·2	139	18	787	5·7	125	8,196	65·6
25. Mehmattur do. ..	3,480	..	59	..	3,539	41	3,393	2,063	94,318	27·8	94	26	1,136	12·1	52	3,516	67·6
26. Marudur do. ..	16,778	278	13,342	182	30,580	591	27,091	8,239	4,66,457	17·2	810	114	5,441	6·7	2,609	22,516	8·6
27. Tirukkóyilúr do. ..	21,589	281	2,366	18	24,254	368	21,649	7,725	3,53,179	16·3	1,459	258	11,276	7·7	1,039	31,811	30·6
28. Ganjám minor rivers system.	54,001	2,154	10,106	662	66,923	175	52,985	23,805	10,32,195	19·5	1,093	104	4,878	4·5	8,047	36,385	4·5
29. Nandyar channel	3,934	282	1,422	157	5,795	216	4,018	1,285	61,048	15·2	924	120	5,081	5·5	775	21,750	28·1

Note.—(1) The area under "both seasons" is included under first and second crops.
(2) The areas in columns 2 to 6 include extent under withered crops and exclude waste charged.
(3) Kurnool-Cuddapah canal:—The areas in columns 2 to 6 include extent under withered crops and 4,050 acres of other crops for which value was not furnished by the Collector of Kurnool and exclude waste charged and an extent of 852 acres irrigated by the canal in the Nizam's territory.

APPENDIX V.

STATEMENT showing the incidence of water-rate under Classes I and II works for fasli 1306 (1896–97).

——	First crop.												
	Government.						Zamindari.						
								Charged.					
	Extent of wet lands.	Water-rate of wet lands.	Rate per acre.	Extent of dry crops irrigated.	Water-rate of dry crops irrigated.	Rate per acre.	Irrigated free of charge for water.	Extent of wet lands.	Water-rate of wet lands.	Rate per acre.	Extent of dry crops irrigated.	Water-rate of dry crops irrigated.	Rate per acre.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
CLASS I WORKS.	ACS.	RS.	RS.	ACS.	RS.	RS.	ACS.	ACS.	RS.	RS.	ACS.	RS.	RS.
1. Gódávari anikut	308,408	14,84,505	4·81	10,558	26,967	2·55	54,787	38,572	2,04,413	5·29	4,419	14,558	3·29
2. Kistna do.	295,205	14,49,970	4·91	6,962	27,464	3·94	16,443	73,442	3,48,366	4·74	5,475	20,706	3·78
3. Cauvery anikat	751,235	37,28,965	4·96	21,625	54,021	2·50	413	..	..	..	..	..	..
4. Pennér do.	50,908	2,29,808	4·51	296	745	2·52	..	..	..	..	..	..	..
5. Sangam do.	62,055	2,84,585	4·58	997	2,220	2·23	..	..	..	..	..	..	..
6. Srívaikuntam anikat	20,507	1,27,528	6·22	221	755	3·42	126	607	2,369	3·90	136	302	2·22
7. Barur tank Project	2,336	8,739	3·74	50	145	2·90	..	..	..	..	13	60	4·61
8. Rushikulya do.	33,898	64,467	1·90	2,206	5,394	2·45	2,321	9,348	20,002	2·13	119	166	1·39
9. Kurnool-Cuddapah canal	16,503	54,283	3·29	35,233	43,780	1·24	..	..	..	..	..	..	..
10. Periyár Project	49,100	2,34,778	4·78	112	359	3·20	..	24	119	4·95	..	..	..
CLASS II WORKS.													
11. Pálár anikat	61,967	1,99,519	3·22	712	1,784	2·51	..	..	..	..	..	..	..
12. Pelandorai anikat	8,261	31,394	3·80	49	176	3·59	..	..	..	..	..	..	..
13. Chembrambakkam tank	10,984	38,775	3·53	43	103	2·40	..	..	..	..	..	..	..
14. Madras water-supply and irrigation extension Project	5,765	15,533	2·69	44	117	2·66	133	..	..	..	..	..	..
15. Cumbum tank	3,666	23,003	6·20	64	154	2·41	..	..	..	..	..	..	..
16. Thadapalli channel	13,846	1,00,829	7·21	161	453	2·81	..	..	..	..	..	..	..
17. Arakankottai do.	3,894	26,702	6·86	54	155	2·87	..	..	..	..	..	..	..
18. Kalingarayan do.	8,189	58,152	7·10	1,513	4,316	2·85	..	..	..	..	..	..	..
19. Vallur anikat	2,252	6,279	2·79	16	33	2·06	..	..	..	..	..	..	..
20. Cheyáru do.	19,778	63,463	3·21	257	664	2·58	..	..	..	..	..	..	..
21. Poiney do.	18,773	67,898	3·62	777	1,969	2·53	..	..	..	..	..	..	..
22. Lower Coleroon anikat	97,009	3,86,909	3·75	715	1,921	2·69	..	..	..	..	..	..	..
23. Shatyatope do.	27,414	98,144	3·59	740	1,976	2·67	..	..	..	..	..	..	..
24. Vriddhachalam do.	5,960	23,283	3·91	46	156	3·39	..	..	..	..	..	..	..
25. Mehmattur do.	3,193	13,873	4·35	8	23	2·87	..	..	..	..	..	..	..
26. Marudur do.	16,847	1,16,654	6·92	43	194	4·51	..	..	..	..	..	..	..
27. Tirukkóyilúr do.	20,506	81,168	3·95	704	1,778	2·53	..	..	..	..	..	..	..
28. Ganjám minor rivers system ..	38,009	98,401	2·59	48	86	1·79	3,257	147	187	1·27	..	..	..
29. Nandyar channel	3,458	10,558	3·05	38	88	2·32	..	..	..	..	..	..	..

Statement showing the incidence of water-rate under Classes I and II works for fasli 1306 (1896–97)—*cont.*

	First crop—*cont.*							Second crop.			
	Inam.										
	Irrigated free of charge for water.	Charged.						Irrigated free of charge for water.	Charged.		
		Extent of wet lands.	Water-rate of wet lands.	Rate per acre.	Extent of dry crops irrigated.	Water-rate of dry crops irrigated.	Rate per acre.		Extent.	Water-rate.	Rate per acre.
	15	16	17	18	19	20	21	22	23	24	25
Class I Works.	Acs.	Acs.	Rs.	Rs.	Acs.	Rs.	Rs.	Acs.	Acs.	Rs.	Rs.
1. Gódávari anikut	71,792	136,983	6,83,081	5·02	13,787	42,580	3·09	294	138,948	4,51,894	3·25
2 Kistna do.	37,981	66,274	3,31,215	5·00	3,075	13,377	4·36	..	659	2,294	3·63
3. Cauvery anikat	100,106	6,562	25,968	3·96	3,218	8,515	2·65	7,175	87,927	3,30,306	3·76
4. Pennér do.	13,518	2,247	8,965	3·99	136	355	2·61	..	3,246	8,002	2·46
5 Sangam do.	10,289	1,247	4,882	3·91	275	732	2·66	..	7,110	21,751	3·06
6. Srivaikuntam anikat	1,070	426	1,723	4·05	1	5	5·00	481	19,213	63,096	3·28
7. Barur tank Project	130	29	117	4·03	51	196	3·84	130	1,701	2,145	1·26
8. Rushikulya do.	6,756	9,671	19,625	2·03	1,948	4,220	2·16	..	426	643	1·51
9. Kurnool-Cuddapah canal	..	7,278	26,612	3·66	20,063	24,014	1·20	..	8,149	18,633	2·29
10. Periyár Project	2,671	472	1,971	4·18	65	249	3·83	420	12,416	33,644	2·71
Class II Works.											
11. Pálár anikat	11,596	114	357	3·13	107	285	2·66	3,926	21,146	52,157	2·47
12. Pelandorai anikat	436	478	1,943	4·06	9	40	4·44	..	168	515	3·07
13. Chembrambakam tank	1,997	11	36	3·27	7	7	1·00	123	2,097	5,797	2·76
14. Madras water-supply and irrigation extension project	1,450	6	15	2·50	4	11	2·75	450	1,891	3,869	2·05
15. Cumbum tank	1,766	32	157	4·91	6	36	6·00	1,247	2,754	10,759	3·91
16. Thadapalli channel	471	95	380	4·00	113	433	3·83	..	401	1,367	3·43
17. Arakankottai do.	103	64	254	3·97	3	7	2·33	..	43	137	3·19
18. Kalingarayan do.	775	173	802	4·64	622	2,172	3·49	755	9,489	36,230	3·82
19. Vallár anikat	2,786	15	59	3·93	80	219	2·74	10	84	192	2·29
20. Cheyaru do.	1,815	187	571	3·05	67	200	2·99	1,699	13,199	22,207	1·68
21. Poiney do.	2,065	21	82	3·90	59	148	2·51	178	4,103	10,972	2·67
22. Lower Coleroon anikat	8,285	959	3,762	3·92	106	346	3·26	114	1,786	5,669	3·17
23. Shatyatope do.	1,559	177	705	3·98	65	229	3·52	14	3,377	10,033	2·97
24. Vriddhachalam do.	104	38	152	4·00	9	33	3·67	..	225	699	3·11
25. Mehmattur do.	29	253	1,004	3·97	7	23	3·29	..	59	210	3·56
26. Marudur do.	655	..	..	..	..	..	..	466	16,005	68,961	4·31
27. Tirukkóyilár do.	1,501	207	661	3·19	85	372	4·38	14	2,370	7,343	3·10
28. Ganjám minor rivers system	14,939	311	774	2·49	45	94	2·09	..	10,770	20,362	1·89
29. Nandyar channel	43	30	116	3·87	715	2,540	3·55	..	1,579	3,523	2·23

APPENDIX VI.

Statement showing the water-rates per acre which were in force under Classes I and II, Works, in Madras Presidency during the year ending 30th June 1897.

Description of crop.	Gódávari and Kistna anikats.		Kurnool-Cuddapah canal.		Srivaikuntam and Marudur anikats.		Rushikulya Project.		Other systems.	
	Irrigation by		Irrigation by		Irrigation by		Irrigation by		Irrigation by	
	Flow.	Lift.	Flow.	Lift.	Flow.	Lift.	Flow.	Lift.	Flow.	Lift.
	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.
1. Single wet crop irrigated	5 0 0	3 12 0	4 0 0	3 0 0	..	..	..	..	..	..
2. Second wet crop on irrigated lands	5 0 0	3 12 0	3 0 0	2 4 0	..	..	..	..	..	..
3. If compounded for two crops for a term of not less than five years										
4. Sugarcane, betel, plantains, and other garden produce remaining on the ground for the time of two crops	8 2 0	6 1 6	6 0 0	4 8 0	..	..	..	..	..	..
5. Sugarcane, betel, plantains, and other garden produce, if compounded for a term of not less than five years	10 0 0	7 8 0	6 0 0	4 8 0	..	..	..	..	..	..
6. Single dry crops	8 2 0	..	..	..	..	..	..	..	..	..
7. Second dry crop on irrigated lands	..	..	1 0 0	0 12 0	..	..	..	..	..	..
8. Dry crop whether first or second crop grown on land for which irrigation has never been supplied, or if once supplied, discontinued	2 8 0	1 14 0	1 0 0	0 12 0	..	..	..	..	..	..
9. Garden crops (class II of Madras Irrigation Canal Company's rules)	2 8 0	1 14 0	1 0 0	0 12 0	..	..	..	..	..	..
10. Mundla (tailed or coarse paddy)	..	..	3 0 0	2 4 0	..	..	..	..	..	..
11. Single wet crop on—	..	..	2 0 0	1 8 0	..	..	..	..	..	..
(*a*) Wet or mamul irrigated lands in zemin and whole inam villages, the old sources of supply to which have not been interfered with, but for which canal water is taken	..	..	..	..	..	..	2 0 0	1 8 0	..	..
(*b*) All rain-fed paddy (manavari) lands	..	..	..	..	..	..	1 8 0	1 2 0	..	..
12. Second wet crops on the above	..	..	..	..	..	..	1 8 0	1 2 0	..	..
13. Sugarcane, betel, &c., requiring water longer than ordinary wet crops on lands falling under 11	..	..	..	..	..	..	4 8 0	3 6 0	..	..
14. Dry crops watered, whether first or second crop on lands falling under 11	..	..	..	..	..	..	1 8 0	1 2 0	..	..
15. Second wet crop or sugarcane, betel, plantains, &c., requiring water longer than ordinary wet crop raised on wet lands in zemin and whole inam villages deprived wholly or partially of their old sources of irrigation, but which are entitled to free irrigation for only one wet crop—G.O., No. 6195, R.D., dated 3rd December 1891	..	..	..	..	..	..	1 8 0	1 2 0	..	..
16. Dry crop raised as second crop on do.	..	..	..	..	..	..	1 8 0	1 2 0	..	..
17. Dry crop raised as second crop on single crop wet in Government villages	..	..	..	..	..	..	1 8 0	1 2 0	..	..
18. Single wet crop raised on dry land	..	..	..	..	..	..	1 8 0	1 2 0	..	..
19. Second crop on the same land	..	..	..	..	4 0 0	3 0 0	3 0 0	2 4 0	4 0 0	3 0 0
20. Sugarcane, betel, cocoanuts, plantains, &c., on dry land requiring water longer than an ordinary wet crop	..	..	..	..	4 0 0	3 0 0	1 8 0	1 2 0	2 0 0	1 8 0
21. Dry crop watered, whether first or second	..	..	..	..	6 0 0	4 8 0	4 8 0	3 6 0	6 0 0	4 8 0
	..	..	..	..	2 0 0	1 8 0	1 8 0	1 2 0	2 0 0	1 8 0

APPENDIX VII.

ABSTRACT statement showing the demand, collection and balance under the Kurnool-Cuddapah canal for the official year 1896-97.

Items.	Cuddapah district.	Kurnool district.	Total.
	Rs.	Rs.	Rs.
Uncollected balance on 1st April 1896	19,413	9,418	28,831
Net demand for the fasli year 1306 (1896-97) exclusive of remissions	61,865	*1,12,876	1,74,741
Total ..	81,278	1,22,294	2,03,572
Collections including collection charges at 5 per cent. during the official year 1896-97	60,642	74,278	1,24,920
Sums written off as irrecoverable during the official year 1896-97	..	..	..
Total ..	60,642	74,278	1,24,920
Uncollected balance on 1st April 1897	20,636	48,016	78,652

* Exclusive of Rs. 3,500, value of water supplied to the Kurnool Municipality.

APPENDIX VIII.

STATEMENT showing the particulars of cultivation, revenue demand and remission under the Kurnool-Cuddapah canal in the district of Kurnool for fasli 1306.

Form A—*vide* Board's Proceedings, dated 8th July 1889, No. 338 (R.S., &c.)

Particulars.	Extent.	Rate.	Demand.	Remissions.			Net demand.	Remarks.
				Failure of crops by excess or deficiency of water.	Other causes.	Total.		
1	2	3	4	5	6	7	8	9
	Acs.	Rs. A. P.	Rs. A. P.		Rs. A. P.	Rs. A. P.	Rs. A. P.	
1. Single wet crop irrigated .. .. Flow ..	8,095·47	4 0 0	32,381 5 8	..	..	..	32,381 5 8	
,, ..	45·38	3 0 0	136 1 4	..	..	..	136 1 4	
Lift ..	121·76	3 0 0	365 3 8	..	..	..	365 3 8	
,, ..	·65	2 4 0	1 7 5	..	..	..	1 7 5	
2. Mundlavari .. .. Flow ..	2,956·10	2 0 0	5,910 15 11	..	..	..	5,910 15 11	
Lift ..	53·29	1 8 0	81 0 0	..	1 0 11	1 0 11	79 15 1	
3. Second wet crop irrigated .. .. Flow ..	939·06	3 0 0	2,818 9 1	..	10 5 1	10 5 1	2,808 4 0	
,, ..	13·63	4 0 0	54 8 5	..	..	..	54 8 5	
Lift ..	19·51	2 4 0	43 14 4	..	..	..	43 14 4	
4. Sugarcane, betel, plantains and other garden produce. Flow ..	163·44	6 0 0	980 10 7	..	..	..	980 10 7	
Lift ..	16·75	4 8 0	75 6 3	..	..	..	75 6 3	
5. Single dry crop irrigated .. .. Flow ..	43,140·32	1 0 0	43,140 12 10	..	..	..	43,140 12 10	
Lift ..	718·58	0 12 0	604 13 5	..	59 8 4	59 8 4	545 5 1	
6. Second dry crop do. .. .. Flow ..	3,328·71	1 0 0	3,329 2 6	..	..	..	3,329 2 6	
Lift ..	57·76	0 12 0	43 7 0	..	0 1 10	0 1 10	43 5 2	
7. Dry crops whether first or second crop grown on land for which irrigation has never been supplied or if supplied discontinued. Flow ..	1,068·46	1 0 0	1,068 8 0	..	..	..	1,068 8 0	
Lift ..	57·37	0 12 0	43 0 8	..	..	..	43 0 8	
8. Garden crops (class 2) of the Madras Irrigation Company's rules. Flow ..	3,796·78	3 0 0	11,387 12 1	..	..	..	11,387 12 1	
Lift ..	138·62	2 4 0	328 12 10	..	17 0 9	17 0 9	311 12 1	
9. Canal A and B class lands	2·67	..	258 5 8	..	..	..	258 5 8	
10. Lands given on favourable terms under paragraph 2 of G.O., No. 448-I., dated 6th June 1882 ..	241·30	..	724 8 6	..	16 11 7	16 11 7	707 12 11	
11. Lands given on favourable terms under paragraph 3 of G.O., No. 448-I	642·46	..	690 3 0	..	..	..	690 3 0	
12. Water-supplied to indigo vats	..	..	8 12 0	..	..	..	8 12 0	
13. Penalty	..	..	3,584 15 0	..	..	..	3,584 15 0	
14. Canal water-supplied to tanks	..	..	4,551 15 8	..	..	..	4,551 15 8	
15. Water-supplied to Kurnool Municipality	..	..	3,500 0 0	..	..	..	3,500 0 0	
16. Tank storage in Sirvel taluk	..	..	366 4 11	..	..	..	366 4 11	
Total ..	65,618·07	..	1,16,480 8 9	..	104 12 6	104 12 6	1,16,375 12 3	

APPENDIX VIII—*cont.*

Statement showing the particulars of cultivation, revenue demand and remissions under the Kurnool-Cuddapah canal in the district of Cuddapah for fasli 1306.

Form A—*vide* Board's Proceedings, dated 8th July 1889, No. 338 (R.S. &c.).

Description of crops.		Area.	Water-rate.	Final demand.	Remissions.			Net demand.	Remarks.
					Failure of crops by excess or deficiency of water.	Other causes.	Total.		
		ACS.	RS. A. P.	RS. A. P.		RS. A. P.	RS. A. P.	RS. A. P.	
1. Single wet crop on irrigated land ..	Flow ..	7,437·44	4 0 0	29,757 14 0	..	..	..	29,757 14 0	
	Lift ..	8·87	3 0 0	26 10 0	..	..	..	26 10 0	
Penal rate *i.e.*, 1½ times	..	2·21	6 0 0	13 5 0	..	..	..	13 5 0	
2. Second crop on irrigated land ..	Flow ..	50·0	1 8 0	75 0 0	..	..	..	75 0 0	This is the charge on the second-crop cultivation at a compounded rate of Rs. 1-8-0 to be paid in all years in the village of Krishnapuram as per Board's Proceedings, No. 20, dated 11th January 1894.
	,, ..	7·65	3 0 0	22 15 0	..	..	..	22 15 0	
3. Composition for two crops for a term of not less than five years.	Flow ..	..	..	..	..	..	..	..	
	Lift ..	..	..	..	..	..	..	..	
4. Sugarcane, betel garden and other garden produce remaining on the ground for the time of two crops.	Flow ..	137·63	6 0 0	826 14 0	..	..	..	826 14 0	
	Lift ..	1·25	4 8 0	5 11 0	..	..	..	5 11 0	
Penal rates, *i.e.*, 1½ times	..	..	..	..	..	..	..	..	
5. Single dry crops	Flow ..	5,608·79	1 0 0	5,619 12 0	..	..	..	5,619 12 0	
	Lift ..	32·08	0 12 0	24 3 0	..	..	..	24 3 0	
Penal rate	Flow ..	264·34	1 8 0	397 1 0	..	..	..	397 1 0	
Mundlapaddy	,, ..	10·71	2 0 0	21 7 0	..	..	..	21 7 0	
Penal rate	..	13·03	3 0 0	39 3 0	..	..	..	39 3 0	
6. Second dry crop if not compounded	..	..	..	..	..	..	..	..	
7. Dry crops on land for which irrigation has never been supplied or if supplied discontinued.	..	..	..	..	..	..	..	..	
8. Garden crops (garden ragi, onions, chillies, sweet potatoes, tobacco, maize garden, korra, indigo, vegetables, wheat, cummin seeds, bariga and menthulu). Class 2 of Madras Irrigation and Canal Company rules.	Flow ..	6,383·70	3 0 0	19,167 3 0	..	..	..	19,167 3 0	
	Lift ..	265·87	2 4 0	598 14 0	..	..	..	598 14 0	
	Flow ..	·57	2 8 0	1 7 0	..	..	..	1 7 0	Half the wet assessment was charged for second crop cultivation on wet lands.
	,, ..	·45	2 0 0	0 14 0	..	..	..	0 14 0	
Penal rate	Flow ..	152·64	4 8 0	688 6 0	..	..	..	688 6 0	
		2·46	6 0 0	14 12 0	..	3 10 0	3 10 0	11 2 0	
Cowle and block rate lands ..	Flow ..	737·78	4 0 0	2,952 15 0	..	850 3 0	850 3 0	2,102 12 0	
	,, ..	314·13	3 0 0	942 10 0	..	325 6 0	325 6 0	617 4 0	
	,, ..	161·72	1 0 0	162 1 0	..	58 2 0	58 2 0	103 15 0	
	,, ..	11·54	2 4 0	25 15 0	..	8 9 0	8 9 0	17 6 0	
	Lift ..	3·72	0 12 0	2 13 0	..	0 11 0	0 11 0	2 2 0	
	,, ..			1,724 5 9	..	..	..	1,724 5 9	
Value of water supplied to Government tanks.		..	..						
Total ..		21,608·58	..	63,112 2 9	..	1,246 9 0	1,246 9 0	61,865 9 9	

Order

From Board of Rev: Settlement

No. 7331 Trans'

Dated 20 — 11 — 97

Received 23 — Do —

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SUBJECT.

Course of Cargo revenue statistics during 1896-97 in the Kistna Dt — Conyn: to C Letter forwards Collector of Kistna during 1896-97 explanation

Public Works (1897) Department.

CURRENT No. 5744 PW.

BACK PAPERS.

No.	Date.
R 423 Rc 9747	14-9-97. 20-9-97.

FURTHER PAPERS.

No.	Date.
1 N° 290-1	25. 11 97.

(Sett. 10—2,000- 30-4-97.)

1897.

Board of Revenue

(Revenue Settlement, Land Records and Agriculture),

MADRAS.

CHIEF ENGINEER FOR IRRIGATION. 23 NOV 1897 No. 544 Rc

To

The Chief Engineer for Irrigation.

No. of Enclosures.

Proceedings, dated 20 — 11 — 1897.

No. 9331 mis:

Subject.

Communicating to the Examiner of Public Works Accounts letter from the Collector of Kistna explaining the cause of large remissions granted during 1896-97 in the Kistna District.

CHIEF ENGINEER
FOR IRRIGATION.
14 SEP 1897
No. 423 P.

1897.

Board of Revenue

(Revenue Settlement, Land Records and Agriculture),

MADRAS.

Recd. } 1897. *Enclosures*

Regd. *Spare copies*

Printed September th.

Proceedings, No. 604, 6th September 1897.

SEPTEMBER.

Financial Results of Irrigation under Classes I and II works.—Forwarding to the Examiner of Public Works Accounts statement showing the — for Fasli 1306 (1896–97).

PROCEEDINGS OF THE BOARD OF REVENUE

(Revenue Settlement, Land Records and Agriculture).

Resolution—No. 604, dated 6th September 1897.

The Board resolves to forward to the Examiner of Public Works Accounts, a statement showing the financial results of irrigation for fasli 1306 (1896–97) for all the works under Classes I and II. Irrigation under the Periyár Project in the Madura, Mélúr and Periyakulam taluks of the Madura district, was charged for the first time in the year under review.

2. The following statement compares the actuals of revenue both direct and indirect for 1896–97 due to productive Public Works (Class I) with the revised estimates for the year and the actuals for 1895–96. The figures are exclusive of the usual 5 per cent. deduction made for collection charges :—

Names of works.	Actuals, 1895–96.	Revised estimate. 1896–97.	Actuals, 1896–97.
	Rs.	Rs.	Rs.
Gódávari anikat	23,48,473	24,32,000	25,66,859
Kistna do.	20,59,705	25,08,000	20,22,771
Cauvery do.	9,04,066	9,10,000	9,02,401
Pennéru do.	1,59,511	1,60,000	1,46,479
Sangam do.	1,82,007	1,82,000	1,79,790
Srívaikuntam anikat	75,566	1,03,000	1,01,549
Barur tank Project	8,599	9,000	9,059
Rushikulya do.	35,864	58,000	59,794
Periyár do.	..	35,000	33,773

3. The actuals of 1896–97 show, as compared with the previous year, an increase under the Gódávari and Srívaikuntam anikats and the Barur and Rushikulya Projects. The increase under the Gódávari anikat was chiefly under "dry converted into wet", "inams irrigated and charged" and "second crop". The increase would have been greater but for the fact that floods in the Gódávari river caused damage to the crops in several villages in the Narsapur, Amalápuram and Rámachandrapuram taluks and in the Cocanada division, and in consequence large remissions had to be granted amounting to Rs. 2,65,000, against Rs. 1,49,500 in the previous year. The increase under the Srívaikuntam anikat was due to the favourable character of the season as compared with the previous year when large remissions were granted on account of floods. The remissions granted during the year amounted to only Rs. 13,000 against about Rs. 35,000 in the previous year. The increase under the Rushikulya Project was due to the extension of irrigation during the year under review to 109 villages in the Berhampur and 65 villages in the Goomsur taluk. The increase under the Barur tank Project was small. The decrease under the Cauvery anikat was due chiefly to the grant of remissions both in the Trichinopoly and Tanjore districts on account of floods in the Cauvery. The decrease under the Pennéru anikat was also due to the

grant of remissions, owing to the unfavourable character of the season, amounting to Rs. 13,000, against Rs. 4,000 in the previous year. The decrease under Sangam anikat was small and calls for no remark. The decrease in Kistna occurs chiefly under receipts under zamindari and inams and appears to be due to remissions granted during the year which amounted to Rs. 24,106 and Rs. 25,695, respectively, against Rs. 8,626 and Rs. 10,772 in the previous year. The Collector has been requested in Board's Proceedings, No. 6098, dated 4th August 1897, to ascertain and report the reason for the large remissions granted during the year.

4. Compared with the revised estimate, the actuals of 1896–97 exhibit a large decrease under the Kistna and Pennéru anikats and a large increase under the Gódávari anikat. The variations are due to the causes explained in the preceding paragraph.

5. The following statement shows the actuals of indirect revenue for 1895–96 and 1896–97 in comparison with the revised estimate thereof for the latter year :—

Names of works.	Actuals, 1895–96.	Revised estimate, 1896–97.	Actuals, 1896–97.
	Rs.	Rs.	Rs.
Gódávari anikat	1,48,620	1,54,000	1,46,549
Kistna do.	1,46,816	1,90,000	1,40,858
Cauvery do.	1,09,650	1,11,000	1,11,331
Pennéru do.	21,058	21,000	20,523
Sangam do.	20,000	16,000	18,618
Srívaikuntam anikat	1,805	2,000	1,780
Barur tank Project	30	..	3
Rushikulya do.	32	150	143
Periyár do.	..	..	419

(True Extract.)

(Signed) R. V. SRINIVASIAR,
Secretary.

(True Copy.)

Ag. First Assistant.

To the Examiner, Public Works Accounts.
Copy to the Chief Engineer for Irrigation.
" Collectors of all districts except Vizagapatam, Cuddapah, Bellary, Anantapur, Madras, the Nilgiris, Malabar and South Canara.

Kistna
* Weddecrease under the Kistna delta is mainly attributed to the large remissions that had to be granted owing to the partial crop loss on account of the unusually heavy floods in Kistna of last year.

Exd. A. F. Eccleston.

APPENDIX.

STATEMENT showing the financial results of Irrigation under the following systems for Fasli 1306 (1896–97).

Systems.	Area irrigated.						Direct receipts (water-rate exclusive of remissions).					
	First crop.			Second crop.							Inams.	
	Old irrigation.	New irrigation.	Total.	Old irrigation.	New irrigation.	Total.	Usual wet.	Dry converted into wet and dry crops watered.	Waste brought under irrigation.	Zamindari.	Irrigated free of charge.	Irrigated and charged.
1	2	3	4	5	6	7	8	9	10	11	12	13
	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	RS.	RS.	RS.	RS.	RS.	RS.
Class I.—Works.												
Gódávari anikat	151,451	450,847	602,298	294	137,257	137,551	1,16,193	9,07,724	3,27,921	1,88,751	31,420	6,62,835
Kistna do.	68,894	413,123	482,017	..	616	616	57,297	10,57,030	2,08,724	3,44,966	7,547	3,19,978
Cauvery do.	743,033	139,503	882,536	34,174	60,413	94,587	32,47,318	2,36,734	2,67,426	..	42,625	34,472
Pennéru do.	40,680	24,227	64,907	454	2,792	3,246	1,24,987	17,935	71,747	..	15,439	9,320
Sangam do.	55,166	17,510	72,676	578	6,532	7,110	2,07,891	12,870	51,830	..	9,559	5,614
Srivaikuntam do.	14,138	7,374	21,512	5,942	12,693	18,635	87,741	23,058	6,697	2,671	1,466	1,708
Barur tank Project	1,486	1,123	2,609	478	1,353	1,831	4,416	4,433	6	56	145	312
Rushikulya do.	31,476	31,425	62,901	..	426	426	34,006	23,049	2,142	20,068	4,124	23,838
Periyár do.	50,106	1,217	51,323	7,203	5,225	12,428	2,21,513	5,865	328	119	2,285	2,220
Class II.—Works.												
Chembrambakam tank	11,558	1,479	13,037	1,046	1,154	2,200	33,967	2,754	1,990	..	854	718
Madras water-supply and irrigation extension project	5,534	1,868	7,402	792	1,549	2,341	10,737	3,361	1,193	30	1,573	37
Pálár anikat	49,266	21,070	70,336	15,349	8,042	23,391	1,22,298	21,174	39,368	..	5,950	744
Pelandorai anikat	2,075	7,148	9,223	76	92	168	5,461	25,812	160	..	224	1,941
Cumbum tank	4,787	746	5,533	2,586	..	2,586	19,483	890	2,496	..	4,943	326
Tadapalli channel	10,044	4,486	14,530	178	223	401	75,414	13,213	11,892	..	1,435	813
Arakankottai channel	2,631	1,452	4,083	7	36	43	18,786	6,221	1,617	..	364	261
Kalingarayen anikat	8,239	3,033	11,272	8,202	2,042	10,244	53,246	6,310	2,076	..	3,461	2,974
Vallúr do.	3,904	1,245	5,149	10	84	94	2,242	808	1,675	..	1,850	278
Cheyáru do.	15,871	6,233	22,104	1,709	13,189	14,898	44,552	11,263	7,838	..	4,095	771
Poiney do.	14,080	5,823	19,903	2,394	1,411	3,805	43,691	6,524	12,541	..	1,373	229
Lower Coleroon do.	44,318	62,676	106,994	114	1,778	1,892	1,46,902	1,36,308	84,651	..	5,191	4,102
Shatiatope do.	7,346	22,500	29,846	14	3,336	3,350	20,209	51,777	26,930	..	898	926
Vridáchalam do.	2,280	3,877	6,157	..	225	225	8,316	14,673	379	..	86	199
Mehmattur do.	459	3,031	3,490	..	59	59	2,088	11,754	22	..	8	1,027
Tirukkóyilúr do.	16,093	6,800	22,893	14	2,344	2,358	58,742	16,196	7,145	..	954	1,033
Marudur do.	16,880	587	17,467	466	15,975	16,441	1,12,669	1,738	1,001	..	2,823	..
Ganjám minor rivers system	46,308	6,926	53,234	..	10,767	10,767	68,975	6,224	7,007	187	14,325	807
Nandiyar	4,054	..	4,054	1,058	396	1,454	9,327	819	13	..	32	2,191

Statement showing the financial results of Irrigation under the following systems for Fasli 1306 (1896–97)—*cont.*

Systems.	Direct receipts (water-rate exclusive of remissions)—*cont.*					Indirect receipts.					Total of columns 18 and 23.
	Second crop.	Miscellaneous.	Total irrigation revenue.	Deduct portion due to old irrigation.	Increase of revenue due to the outlay incurred.	Increment of land assessment due to irrigation.	Land assessment of waste land brought under irrigation.	Land revenue of miscellaneous items.	Four per cent. of the amount realized by sale of tank-bed lands.	Total.	
	14	15	16	17	18	19	20	21	22	23	24
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Class I.—Works.											
Gódávari anikat	4,35,366	9,198	26,79,408	1,24,000	25,55,408	..	1,44,056	2,105	388	1,46,549	27,01,957
Kistna do.	2,221	61,612	20,59,375	71,000	19,88,375	46,115	74,088	18,202	2,453	1,40,858	21,29,233
Cauvery do.	3,27,695	21,424	41,77,693	33,39,128	8,38,565	..	1,03,885	7,446	..	1,11,331	9,49,896
Pennéru do.	8,002	3,235	2,50,665	1,17,000	1,33,665	..	19,594	923	6	20,523	1,54,188
Sangam do.	21,751	2,290	3,11,805	1,39,000	1,72,805	..	15,602	391	455	16,448	1,89,253
Srivaikuntam do.	60,461	312	1,84,114	79,000	1,05,114	..	1,734	46	..	1,780	1,06,894
Barur tank Project	2,144	21	11,533	2,000	9,533	..	2	1	..	3	9,536
Rushikulya do.	414	465	1,08,106	45,308	62,798	..	115	28	..	143	62,941
Periyár do.	32,530	1,620	2,66,480	2,31,348	35,132	..	93	326	..	419	35,551
Class II.—Works.											
Chembrambakam tank	5,570	22	45,875	16,000	29,875	..	830	42	..	872	30,747
Madras water-supply and irrigation extension project	3,835	32	20,798	11,000	9,798	..	436	7	..	443	10,241
Pálár anikat	47,348	1,022	2,37,904	1,25,000	1,12,904	..	16,043	259	..	16,302	1,29,206
Pelandorai anikat	509	95	34,202	3,000	31,202	..	78	66	..	144	31,346
Cumbum tank	4,912	142	33,192	30,048	3,144	..	554	31	..	585	3,729
Tadapalli channel	1,360	44	1,04,171	76,710	27,461	..	2,608	30	..	2,638	30,099
Arakankottai channel	137	23	27,409	19,021	8,388	..	343	19	..	362	8,750
Kalingarayen anikat	36,188	748	1,05,003	84,932	20,071	..	383	33	..	416	20,487
Vallúr do.	187	243	8,283	5,092	3,191	..	909	156	..	1,065	4,256
Cheyaru do.	22,179	291	90,989	44,325	46,664	..	3,358	96	..	3,454	50,118
Poiney do.	9,552	195	74,105	38,160	35,945	..	4,873	44	..	4,917	40,862
Lower Coleroon do.	5,578	1,332	3,83,064	1,52,093	2,30,971	..	53,245	458	..	53,703	2,84,674
Shatiatope do.	9,993	1,008	1,11,741	21,107	90,634	..	15,064	532	..	15,596	1,06,230
Vriddhachalam do.	699	64	24,416	8,402	16,014	..	157	16	..	173	16,187
Mehmattur do.	210	32	15,141	2,096	13,045	..	11	18	..	29	13,074
Tirukkóyilúr do.	7,251	196	91,517	59,696	31,821	..	3,109	93	..	3,202	35,023
Marudur do.	68,322	159	1,86,112	1,14,892	71,220	..	191	27	..	218	71,438
Ganjam minor rivers system	20,197	304	1,18,026	83,822	34,204	..	6,004	594	..	6,598	40,802
Nandiyar	3,149	30	15,561	16,500	— 939	..	6	..	..	6	— 933

(Sett. 3 -2,000-11-3 97)

REVENUE BOARD OFFICE MADRAS

CHIEF ENGINEER FOR IRRIGATION
23 NOV. 1897
No. 5744

Memorandum.

(Revenue Settlement, Land Records and Agriculture.)

Dated the 4th August 1897.

No. 6098 mis:

I compared with the figures for the previous fasli, the financial results of irrigation under the Kistna Anikat for Fasli 1306 show a decrease of Rs 4,000 in round numbers. The decrease occurs chiefly under 'receipts' under 'Zamindari' and 'Inams' and appear to be due to remissions granted during the year which amounted to Rs 24,106 and Rs 25,695 respectively against Rs 8626 and Rs 10,772 in the previous year. The Collector of Kistna is requested to ascertain and

and report, at a very early date, the reason for the large remissions granted during the year. The remissions granted in the Government villages amounted to only Rs 92,873 against Rs 139,507 granted during the previous year.

(Signed) R. V. Srinivasiar.
Secretary

To

The Collector of Kistna

(True Copy)

R. V. Srinivasiar
Secretary.

Ewf 7
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4 Dec 4/98

(Sett. 24—2,000—11-3 97.)

REVENUE BOARD OFFICE MADRAS

No. 54 of
23 NOV 1897
FOR CHIEF SECRETARY

Proceedings of the Board of Revenue

(Revenue Settlement, Land Records and Agriculture),

Dated 20th November 1897.

No. 9331 mis:

READ the following letter from the Collector of Kistna, no: 1811/General Dis: Dated 10-11-97.

Adverting to Board's memorandum dated the 4th August 1897 no. 6098 mis; I have the honor to report that the decrease in the irrigation revenue is mainly attributed to the large remissions that had to be granted owing to the loss of crop on account of the unusually heavy Kistna floods of last year.

2. The taluks that suffered most are Tenali, Nuzvid, Bezwada and Bandar and the remissions granted in Zamindaries and Inams are consequently heavy

3.

3. The remissions granted in Government villages in these Taluks were also heavy, but they are more than counterbalanced by the large remissions granted in the Sudwada Taluk in Fasli 1305 owing to Budamem floods.

Resolution

Communicated to the Examiner of Public Works Accounts with reference to the concluding sentence of para 3 of Board's Proceedings No: 604, dated 6th September 1897.

(True Copy & Extract)

P. V. Srinivasaiah
Secretary.

To
The Examiner of Public Works Accounts.
with a copy of B.P. 6098.
4-8-97)

Copy to the Chief Engineer for Irrigation with a copy of B.P. 6098/4-8-97.

Copy to the Collector of Kistna.

2055-44/4844/98

2 P