

Public Works (1897) Department.

G.O., No. 303 I

DATE 22 March 1897

[Despatch Abstract.]

Irrigation Revenue. Comrs. to officers concerned
note by the Chief Engineer for 2nd Reviewing the
statements submitted by the Board of Revenue
showing the — derived from all irrigation works
during the fiscal year 1305 (1895-96).

Communicating to officers concerned note by the Chief Engineer for Irrigation reviewing the statements submitted by the Board of Revenue, showing the — derived from all irrigation works during the fasli year 1305 (1895-96).

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Irrigation.
Account.

READ—the following papers :—

No. 52 I.

Note by the Chief Engineer for Irrigation.

The statements showing the irrigation revenue derived from all irrigation works during the fasli year 1305 (1895-96) received from the Board of Revenue (Revenue Settlement, Land Records and Agriculture), with the Proceedings noted in the margin are submitted to Government.

No. 197, dated 15th August 1896.	
" 221 " 9th September 1896.	
" 267 " 8th October 1896.	
" 5992, Mis., dated 25th November 1896.	

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 6.33 millions of acres, the irrigation revenue was Rs. 205.57 lakhs and the working expenses amounted to Rs. 37.91 lakhs against 6.21 millions of acres, Rs. 191.91 and Rs. 37.27 lakhs in the previous year, respectively. Compared with the previous year there was an improvement in the areas irrigated under and the revenue derived from class II, III and IV works, while their working expenses were proportionately less than in the previous year. The area irrigated under class I works was less, the revenue derived therefrom and the working expenses incurred thereon being more than in the previous year.

CLASS I MAJOR (PRODUCTIVE) WORKS SYSTEMS.

3. *Gódvári Delta system.*—The areas irrigated under first crop in all the three sections of the delta, except those under the Cocanada and Kovur-Munjair junction canals in the eastern section, were less than in the previous year, the net total decrease being 97,134 acres, which is attributed to the relinquishment of irrigation in consequence of the enhancement of the water-rate. There was an improvement in the area irrigated under second crop of 20,747 acres. The increase occurred in the central and western sections. In spite of the large remissions aggregating Rs. 1,49,523 granted during the year against Rs. 37,731 in the previous year, the revenue derived was Rs. 1,01,443 better than in the preceding year, the increase being chiefly due to the enhancement of the water-rate from Rs. 4 to Rs. 5.

4. *Kistna Delta system.*—Under all canals the area irrigated under first crop was less than in the previous year. Though there was a decrease of 38,601 acres in the total area irrigated, the revenue derived was Rs. 2,28,228 more than in the previous year on account of the enhancement of the water-rate from Rs. 4 to Rs. 5. The remissions granted amounted to Rs. 1,58,923 or Rs. 1,49,408 more than in the previous year, owing to damages caused to the crops by the heavy floods in September 1895. The large increase of Rs. 1,69,446 in the working expenses was chiefly due to the heavy expenditure incurred in closing the breaches caused by the cyclonic storm in September 1895.

5. *Pennér and Sangam Anicut systems.*—There was a small decrease of 431 acres in the area irrigated under the former, while that irrigated under the latter was 669 acres more than in the previous year. The revenue derived was Rs. 1,002 under the former and Rs. 5,084 under the latter, better than in the preceding year. The remissions granted amounted to Rs. 3,568 and Rs. 8,646 against Rs. 5,233 and Rs. 14,295, respectively, in the previous year.

6. *Kurnool-Cuddapah canal.*—The area irrigated under this canal was 32,903 acres or 637 acres less than in the previous year, the decrease is ascribed to—

(1) Seasonable rains in consequence of which canal water was taken for dry crops to a smaller extent; and

(2) Combination among the ryots of some of the canal villages in the Kurnool district who raised unirrigated dry crops instead of paddy under the mistaken impression that the lands would be converted into wet at the resettlement.

The unrealized demand at the beginning of the year was Rs. 59,010; at the close of the year Rs. 28,831 remained to be collected.

7. *Barúr Tank system.*—The area irrigated under both first and second crops amounted to 4,229 acres, or 251 acres below the extent irrigated in the preceding year. The decrease resulted in a loss of Rs. 818 in the revenue derived.

8. *Cauvery Delta system.*—The areas irrigated under first and second crops were 131 acres and 2,657 acres, respectively, less, and the revenue derived was Rs. 1,64,968 more than in the previous year. The increase in revenue represents chiefly the annual increment of the settlement assessment falling due in the year. Remissions to the extent of Rs. 9,375 were granted during the year against Rs. 11,572 in the previous year.

9. *Srivaikuntam Anicut system.*—Compared with the figures of the previous year, there was a decrease in the area irrigated of 4,611 acres and in the revenue derived therefrom of Rs. 18,817, owing to heavy rains in December 1895 and consequent floods which necessitated the grant of large remissions amounting to Rs. 34,048 against Rs. 15,671 in the previous year.

MAJOR (PROTECTIVE) WORK.

10. *Rushikulya project.*—The area irrigated under this project was extended from 27,389 acres in 1894-95 to 35,917 acres in 1895-96, the increase in revenue resulting from the extension being Rs. 16,381.

11. *Class II Works—Minor Works for which Capital and Revenue Accounts are kept.*—There was an increase of 11,670 acres in the total area irrigated under these systems and of Rs. 35,586 in the revenue derived therefrom. The Nandiyar channel in the Trichinopoly district, under which the area irrigated and the revenue derived were

5,434 acres and Rs. 15,529, respectively, was included in the category of class II works during the year. In the systems marginally-noted there was an improvement in the revenue derived. On all other systems there was a falling off, the largest decrease occurring under the Maradur anicut system in which the area irrigated and revenue derived during the

year were 32,572 acres and Rs. 1,79,063 against 33,600 acres and Rs. 1,85,653, respectively, in the previous year. The decrease of Rs. 6,160 in the revenue was chiefly due to unusually heavy rains in December 1895 and consequent floods which silted up large areas of wet lands and necessitated remissions aggregating Rs. 9,177 against Rs. 3,017 in the previous year.

12. *Class III Minor Works systems for which a continuous record of expenditure is kept.*—Under this class there was an increase of 5,446 acres in the total area irrigated and Rs. 14,512 in the total revenue derived. The bulk of the increase, viz., 2,732 acres and Rs. 9,979 occurred in the Coimbatore district, where the season was favourable and where only Rs. 506 were remitted against Rs. 9,724 in the previous year.

13. *Class IV Minor Works—Public Works and Revenue Departments.*—Under this class there was an increase of 211,579 acres in the area irrigated and Rs. 8,28,140 in the revenue derived. The increase occurred in all the districts except Ganjam, Nellore, Kurnool and Trichinopoly. The decrease in these districts are shown below:—

							Revenue.	
							ACS.	RS.
Ganjam	...	...	...	...	...	...	3,233	3,649
Nellore	...	...	...	...	...	...	6,809	10,779
Kurnool	...	...	...	...	...	...	2,643	12,410
Trichinopoly	...	...	...	...	...	...	7,276	21,178

The decrease in the Trichinopoly district is only apparent, being chiefly due to the transfer of irrigation under the Nandiyar channel from class IV to class II works. The decrease in revenue in the Ganjam district was small; that in the Nellore and Kurnool districts is attributed to the unfavourable character of the season. The remissions granted during the year aggregated Rs. 3,49,885 or Rs. 5,47,012 less than in the previous year.

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

6th March 1897.

ENCLOSURES.
STATEMENT comparing the areas irrigated under the revenue derived from and the working expenses incurred on Irrigation Works during 1895-96 with those of the previous year.

		Area charged as irrigated (first and second crops).				Irrigation revenue.				Gross working expenses, 1895-96.						Gross working expenses, 1894-95.
		Fasli 1805 (1895-96).	Fasli 1804 (1894-95).	Fasli 1805 (1895-96).	Fasli 1804 (1894-95).	Extensions and improvements.	Maintenance and repairs.	Establishment.	Tools and plant.	Indirect charges.	Total.					
		2	3	4	5	6	7	8	9	10	11				12	
Class I—Major Works.																
Productive.																
Gódvári delta system	..	683,126	759,513	24,47,457	23,46,014	19,803	2,29,243	2,10,526	43,455	29,481	5,32,508	5,29,500				
Kistna do.	..	481,375	519,976	20,92,295	18,64,067	17,035	3,05,539	2,03,182	59,158	28,489	6,13,403	4,43,967				
Pénneru ancient system	..	70,128	70,559	2,63,848	2,62,846	5,067	19,947	21,475	..	4,834	51,423	49,481				
Sangam do.	..	77,347	76,678	3,07,687	3,02,603	7,225	36,169	27,887	..	3,928	75,209	62,934				
Kurnool-Cuddapah canal	..	82,903	83,540	1,02,934	1,13,106	8,430	63,993	25,327	1,074	8,330	1,02,754	1,04,455				
Barur tank project	..	4,229	4,480	11,022	11,840	380	1,695	1,142	..	173	3,390	4,370				
Canvey delta system	..	987,103	989,891	41,89,530	40,24,562	11,445	68,119	2,82,607	1,416	39,564	4,04,151	4,09,023				
Shivakuntam ancient system	..	33,962	38,573	1,56,738	1,75,555	8	19,865	14,086	..	1,972	85,926	31,400				
Protective.																
Rushikulya project	..	35,917	27,389	63,535	47,154	..	20,781	4,820	3,554	675	29,880	14,350				
Total	..	2,406,090	2,520,599	96,35,046	91,47,747	69,368	7,66,351	7,91,052	1,08,657	1,13,146	18,48,594	16,49,470				
Class II—Minor Works.																
Works for which Capital and Revenue Accounts are kept.																
Ganján minor rivers system	..	61,496	59,493	1,21,387	1,17,092	..	1,037	238	..	33	1,308	..				
Cumbum tank system	..	9,998	10,414	40,832	42,117	..	708	168	..	24	922	3,210				
Thadipalli channel system	..	14,746	14,645	1,02,858	1,03,817	331	2,546	657	..	92	3,626	1,584				
Arkenkota do.	..	4,134	4,166	27,389	28,116	360	870	271	..	88	1,539	1,236				
Kalingaroyen do.	..	21,624	21,622	1,05,104	1,06,103	..	3,857	733	..	103	4,193	1,513				
Palar ancient system	..	104,146	98,375	2,66,301	2,52,643	9,418	29,933	8,531	..	1,134	49,076	62,797				
Poiley do.	..	26,750	27,881	81,452	84,971	3,575	15,230	4,343	..	736	23,884	28,018				
Cheyaru do.	..	37,076	33,255	90,702	78,395	3,558	19,598	5,260	..	736	28,752	19,520				
Chenbrambakam tank system	..	13,391	15,450	35,968	38,148	567	2,158	642	..	90	3,457	6,487				
Madras Water-supply and Irrigation extension	..	9,694	10,048	20,530	21,528	874	3,011	1,900	..	266	6,051	9,764				
Valurru ancient system	..	6,298	6,149	8,424	8,394	146	251	93	..	13	503	1,026				
Trunkoyilur ancient system	..	25,196	26,332	91,843	93,899	3,418	11,380	3,440	21	482	18,741	14,208				
Mehamattur do.	..	3,456	2,907	14,868	12,342	995	2,337	760	..	120	4,212	3,156				
Vridhachalam do.	..	6,114	6,610	23,494	25,088	150	4,404	1,060	..	148	5,762	4,321				
Shatapore do.	..	32,987	32,126	1,10,466	1,06,299	1,364	7,518	2,060	..	288	11,230	8,941				
Pelandurai do.	..	8,864	8,948	32,751	31,840	..	3,612	842	40	118	4,612	9,047				

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Lower Coleroon ancient system	111,251	111,666	3,88,829	3,85,739	2,316	12,818	3,391	87	489	19,101	28,443
Nandya channel	5,434	..	15,529	..	..	616	46	..	6	668	..
Maradur ancient system	32,572	33,600	1,79,963	1,85,653	213	12,859	3,027	..	424	16,523	13,276
Total ..	534,227	522,557	17,57,730	17,22,144	26,907	1,34,243	37,462	148	5,400	2,04,160	2,15,847
Class III.—Minor Works.											
Works for which a continuous record of expenditure is kept.											
Vizagapatnam—											
Six canals on the Surala river	21,867	20,719	32,713	30,387	..	290	128	8	18	708	4,506
Four canals on the Varaha river	13,119	12,778	22,694	23,145	163	101	..	..	..	..	..
Chingleput—											
Madurakulam tank	7,072	5,583	13,974	11,211	..	1,132	260	17	36	1,445	539
South Arcot—											
Myosunadi Kattumalar ancient	489	464	2,079	1,953	..	314	..	..	..	..	..
Three canals on the Gadilam river	12,340	12,742	50,692	51,607	..	2,483	1,121	73	157	6,225	4,724
One canal on the Kollar	2,452	2,427	8,325	8,277	1,001	1,076	..	..	..	..	..
Salem—											
Pennagundapuram tank	856	863	1,176	1,465	32	89	93	6	13	517	629
Marandahally	..	..	..	..	157	127	..	..	..	..	..
Cumbakore—											
Twenty-two channels from the Anaravati	47,940	45,208	1,48,276	1,38,297	194	1,341	353	23	49	1,960	6,119
Timevelly—											
Six canals on the Tambraparni	70,767	70,672	4,20,009	4,19,084	545	15,763	3,751	245	525	20,829	20,143
Total ..	176,902	171,456	6,99,938	6,85,426	2,092	22,716	5,706	372	798	31,684	36,660
Class IV.—(a) Minor Works, Public Works Department.											
Ganjnam district											
Vizagapatnam do.	72,110	74,218	98,948	1,03,011	5,680	15,004	5,342	360	748	27,134	26,907
Goddavari do.	62,434	61,053	1,07,455	1,02,196	3,290	45,465	12,182	806	1,705	63,448	55,659
Kistna do.	49,229	47,321	97,089	89,714	5,431	34,808	11,176	747	1,565	53,777	48,564
Nellore do.	18,160	18,400	54,271	46,902	..	59,469	10,186	684	1,468	62,638	44,576
Anantapur do.	87,578	94,634	2,96,364	3,10,401	60,368	30,118	10,724	721	1,501	1,03,457	1,06,563
Bellary do.	67,462	44,347	1,81,189	1,27,745	28,084	40,285	14,344	965	2,008	85,686	95,374
Cuddapah do.	33,171	36,383	1,93,642	1,88,197	5,264	21,706	7,729	521	1,032	36,302	32,273
Karnool do.	87,496	84,455	2,91,144	2,66,480	8,528	9,105	3,242	219	454	21,548	21,424
West coast do.	27,506	29,229	81,959	91,152	59	1,579	562	39	79	2,318	2,749
Cumbakore do.	48,542	44,038	1,43,436	1,43,436	14,178	8,259	3,065	207	429	26,138	27,261
Salem do.	61,978	58,146	1,49,214	1,34,228	8,135	29,804	15,083	542	2,112	56,676	48,577
North Arcot do.	87,530	76,557	2,43,075	2,07,030	9,435	80,888	26,324	1,860	3,727	1,22,524	1,15,480
Chingleput do.	279,710	260,717	6,08,570	5,55,356	18,250	1,14,284	33,916	2,039	4,748	1,73,289	2,13,504
South Arcot do.	98,455	93,874	3,21,097	3,06,663	9,088	66,484	21,046	1,405	2,946	1,00,968	1,34,494
Tanjore do.	19,184	18,975	45,162	43,156	45,399	1,26,490	18,211	1,143	2,550	1,02,995	52,281
Trichinopoly do.	113,985	122,946	4,43,278	4,81,224	18,008	11,326	4,033	273	665	— 1,811	99,923
Madurai do.	109,628	99,422	3,50,035	3,11,880	23,295	1,32,537	31,094	1,527	4,353	1,40,216	1,45,141
Tinnevelly do.	8,675	8,675	3,40,642	2,43,335	15,680	76,475	22,356	1,489	3,130	1,19,130	1,22,709
Tank restoration head office	..	..	..	..	..	..	5,295	..	731	5,956	11,564
Total ..	1,405,833	1,328,053	40,81,061	37,52,115	89,364	9,04,091	2,56,439	15,594	35,901	13,01,389	14,09,593

Statement comparing the areas irrigated under the revenue derived from and the working expenses incurred on Irrigation Works during 1895-96, &c.—cont.

	Area charged as irrigated (first and second crops).				Irrigation revenue.		Gross working expenses, 1895-96.							Gross working expenses, 1894-95.
	Fasli 1305 (1895-96).	Fasli 1304 (1894-95).	Fasli 1305 (1895-96).	Fasli 1304 (1894-95).	RS.	RS.	Extensions and improve- ments.	Maintenance and repairs.	Establi- ment.	Tools and plant.	Indirect charges.	Total.		
	2	3	4	5	6	7	8	9	10	11	12			
(b) Minor Works, Revenue Department.														
Ganjum district	69,546	70,671	80,910	80,496	..	15,513	..	..	..	..	..	15,413	14,342	
Vizagapatam do.	92,474	91,083	1,38,852	1,35,008	..	13,746	..	..	..	..	..	13,746	12,889	
Godavari do.	61,815	53,387	95,714	73,481	..	18,030	..	..	..	..	..	18,030	11,845	
Kistna do.	28,913	26,141	94,605	84,717	..	13,931	..	..	..	..	..	14,584	6,879	
Nellore do.	36,162	36,915	1,05,750	1,02,492	..	21,984	..	..	..	..	..	22,261	26,174	
Anantapur do.	96,968	82,049	2,41,286	2,05,216	..	25,526	..	..	..	..	..	25,526	21,218	
Ballari do.	29,415	27,469	69,317	64,965	..	4,109	..	..	..	..	..	6,081	8,307	
Cuddapah do.	194,505	188,392	5,11,736	4,72,355	..	19,349	..	..	..	..	..	23,095	23,975	
Kurnool do.	31,811	32,731	91,669	97,786	..	5,415	..	..	..	..	..	6,943	6,866	
Coimbatore do.	13,473	16,640	47,488	41,028	..	1,383	..	..	..	..	..	1,333	2,904	
Salem do.	156,239	144,937	2,80,623	2,49,979	..	17,202	..	..	..	..	..	21,905	15,561	
North Arcot do.	236,211	222,070	6,13,230	5,71,851	..	47,080	..	..	..	..	..	51,876	53,680	
Chingleput do.	136,947	136,916	2,57,860	2,52,419	..	25,779	..	..	..	..	..	26,668	34,932	
Madras do.	..	..	..	..	..	345	..	..	..	..	..	345	99	
South Arcot do.	250,761	235,205	7,63,359	7,08,720	..	68,248	..	..	..	..	..	70,876	69,623	
Tanjore do.	38,314	37,467	80,687	74,869	..	4,373	..	..	..	..	..	5,741	5,900	
Trichinopoly do.	58,812	57,127	1,17,114	1,00,346	..	18,400	..	..	..	..	..	20,980	22,936	
Madura do.	137,170	121,289	3,48,172	2,96,336	..	15,233	..	..	..	..	..	15,310	22,290	
Thiruvelli do.	136,388	95,112	4,42,144	2,72,658	..	46,180	..	..	..	..	..	46,190	56,117	
Malabar do.	..	..	..	..	..	28	..	..	..	..	..	28	30	
Total ..	1,809,430	1,675,631	43,83,410	38,84,222*	16,518	3,81,714	5,973	390	836	4,05,432	1,56,081	4,16,667	4,16,667	
Total, Class IV Works ..	3,215,263	3,003,684	84,64,477	76,86,337	1,05,882	12,85,805	2,62,412	15,984	36,737	17,06,820	1,56,081	18,25,560	18,25,560	
Grand Total ..	6,332,482	6,218,296	2,05,57,191	1,91,91,654	2,04,269	22,09,115	10,06,632	1,25,161	1,56,081	37,91,258	1,56,081	37,91,258	37,27,537	

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

Proceedings of the Board of Revenue (Revenue Settlement, Land Records and Agriculture, dated 15th August 1896, No. 197.

Resolution—dated 15th August 1896, No. 197.

The Board resolves to forward to the Examiner of Public Works Accounts a statement showing the financial results of irrigation for fasli 1305 (1895-96) for all the works under Classes I & II. Irrigation under the Nandyar Channel, in the Trichinopoly and Udaiyarpálaiyam taluks of the Trichinopoly 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 1895-96 due to productive works (class I) with the revised estimates for the year and the actuals of 1894-95. The figures are exclusive of the usual 5 per cent. deduction made for collection charges:—

Names of works.	Actuals, 1894-95.	Revised estimate, 1895-96.	Actuals, 1895-96.
	RS.	RS.	RS.
1. Godavari anicut	22,61,013	22,91,000	23,48,473
2. Kistna do.	18,66,896	22,35,000	20,59,705
3. Cauvery do.	3,70,910	8,88,000	9,04,066
4. Pennér do.	1,57,812	1,58,000	1,59,511
5. Sangam do.	1,76,215	2,59,000	1,82,007
6. Srivaikuntam do.	93,464	1,03,000	75,566
7. Barúr tank project	9,350	9,000	8,599
8. Rushikulya do.	24,994	60,000	35,864

3. The actuals of 1895-96 show, as compared with the previous year, an increase under all the works except the Srivaikuntam anicut and the Barúr tank project. The increase under the Godavari and Kistna anicuts was chiefly due to the enhancement of water-rate from Rs. 4 to Rs. 5. In the former district there was an increase also under second-crop charge. The increase of over Rs. 30,000 under the Cauvery anicut was due as explained in the review of the statement for the previous fasli to the increment of the settlement assessment charged during the year. The increase under the Rushikulya project was due to the extension of irrigation during the year under review. The increase under the Pennér and Sangam anicuts was small and calls for no remarks. The decrease under the Srivaikuntam anicut was due to heavy rains in December last, and consequent floods which necessitated the grant of large remissions amounting to about Rs. 35,000 against Rs. 15,000 in the previous year.

4. Compared with the revised estimate, the actuals of 1895-96 exhibit a large decrease under the Kistna and Srivaikuntam anicuts and the Rushikulya project. The decrease under the Kistna anicut was chiefly due to grant of remissions amounting to Rs. 1,59,000 against only Rs. 9,000 in the previous year, in consequence of damages caused to the crops by heavy floods in September 1895. The decrease under the Srivaikuntam anicut was due to the cause mentioned in paragraph 3. The decrease under the Rushikulya project was due to the fact that the area brought under irrigation was not as large as had been expected by the Collector.

Statement comparing the areas irrigated under the revenue derived from and the working expenses incurred on Irrigation Works during 1895-96, &c.—cont.

	Area charged as irrigated (first and second crops).				Irrigation revenue.		Gross working expenses, 1895-96.						Gross working expenses, 1894-95.
	Fasli 1305 (1895-96).	Fasli 1304 (1894-95).	Fasli 1305 (1895-96).	Fasli 1304 (1894-95).	Fasli 1305 (1895-96).	Fasli 1304 (1894-95).	Extensions and improvements.	Maintenance and repairs.	Establishment.	Tools and plant.	Indirect charges.	Total.	
	2	3	4	5	6	7	8	9	10	11	12		RS.
(b) Minor Works, Revenue Department.													
Ganjum district	69,546	70,671	80,910	80,496	..	15,513	..	..	..	..	..	15,413	14,342
Vizagapatam do.	92,474	91,083	1,38,852	1,35,008	..	13,716	..	..	..	..	..	13,746	12,839
Górávari do.	61,315	53,387	96,714	73,461	..	18,030	..	..	..	..	..	18,030	11,845
Kistna do.	28,913	26,141	94,605	84,717	..	13,931	..	..	..	..	..	14,584	6,879
Nellore do.	35,162	36,915	1,06,750	1,02,492	..	21,984	..	..	..	..	..	22,261	26,174
Anantapur do.	96,968	82,015	2,44,286	2,05,216	..	25,526	..	..	..	..	..	25,526	21,218
Bellary do.	29,415	27,469	69,317	64,965	..	4,109	..	..	..	..	..	6,081	8,307
Cuddapah do.	194,505	188,392	5,11,736	4,72,855	..	19,349	..	..	..	..	..	23,095	23,975
Kurnool do.	31,811	32,731	91,569	97,736	..	5,415	..	..	..	..	..	5,943	6,986
Coimbatore do.	13,470	16,640	47,488	41,028	..	1,333	..	..	..	..	..	1,333	2,904
Salem do.	165,239	144,957	2,80,623	2,49,979	..	3,437	..	..	..	..	..	21,906	15,561
North Arcot do.	236,211	222,070	6,13,230	5,71,351	..	47,080	..	..	..	..	..	51,876	53,660
Chingleput do.	136,947	136,916	2,57,860	2,52,419	..	25,779	..	..	..	..	..	26,668	34,932
Madras do.	..	..	..	..	..	345	..	..	..	..	..	345	99
South Arcot do.	250,761	235,205	7,63,359	7,08,720	..	68,248	..	..	..	..	..	70,376	69,623
Tanjore do.	38,314	37,467	80,687	74,869	..	4,373	..	..	..	..	..	5,741	5,900
Trichinopoly do.	58,812	57,127	1,17,114	1,00,346	..	18,400	..	..	..	..	..	20,980	22,936
Madura do.	137,170	121,289	3,46,172	2,96,338	..	15,233	..	..	..	..	..	15,310	22,290
Tinnevely do.	136,338	95,112	4,42,144	2,72,658	..	46,190	..	..	..	..	..	46,190	56,117
Malabar do.	..	..	..	..	..	28	..	..	..	..	..	28	80
Total	1,809,430	1,675,631	43,83,416	38,84,222	..	3,81,714	16,518	390	836	4,05,432	836	4,05,432	4,15,667
Total, Class IV Works	3,215,263	3,003,684	84,64,477	76,36,337	..	12,85,805	1,05,882	15,984	36,737	17,06,820	36,737	17,06,820	18,25,560
Grand Total	6,332,482	6,218,296	2,05,57,191	1,91,91,654	..	22,09,115	2,04,269	1,25,161	1,56,081	37,91,258	1,56,081	37,91,258	37,27,537

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

Proceedings of the Board of Revenue (Revenue Settlement, Land Records and Agriculture, dated 15th August 1896, No. 197.

Resolution—dated 15th August 1896, No. 197.

The Board resolves to forward to the Examiner of Public Works Accounts a statement showing the financial results of irrigation for fasli 1305 (1895-96) for all the works under Classes I & II. Irrigation under the Nandyar Channel, in the Trichinopoly and Udaiyarpálaiyam taluks of the Trichinopoly 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 1895-96 due to productive works (class I) with the revised estimates for the year and the actuals of 1894-95. The figures are exclusive of the usual 5 per cent. deduction made for collection charges:—

Names of works.	Actuals, 1894-95.	Revised estimate, 1895-96.	Actuals, 1895-96.
	RS.	RS.	RS.
1. Gódávári anicut	22,61,013	22,91,000	23,48,473
2. Kistna do.	18,66,896	22,35,000	20,59,705
3. Cauvery do.	3,70,910	8,38,000	9,04,066
4. Pennér do.	1,57,812	1,58,000	1,59,511
5. Sangam do.	1,76,215	2,59,000	1,82,007
6. Srívaikuntam do.	93,464	1,03,000	75,566
7. Barúr tank project	9,350	9,000	8,599
8. Rushikulya do.	24,994	60,000	35,864

3. The actuals of 1895-96 show, as compared with the previous year, an increase under all the works except the Srívaikuntam anicut and the Barúr tank project. The increase under the Gódávári and Kistna anicuts was chiefly due to the enhancement of water-rate from Rs. 4 to Rs. 5. In the former district there was an increase also under second-crop charge. The increase of over Rs. 30,000 under the Cauvery anicut was due as explained in the review of the statement for the previous fasli to the increment of the settlement assessment charged during the year. The increase under the Rushikulya project was due to the extension of irrigation during the year under review. The increase under the Pennér and Sangam anicuts was small and calls for no remarks. The decrease under the Srívaikuntam anicut was due to heavy rains in December last, and consequent floods which necessitated the grant of large remissions amounting to about Rs. 35,000 against Rs. 15,000 in the previous year.

4. Compared with the revised estimate, the actuals of 1895-96 exhibit a large decrease under the Kistna and Srívaikuntam anicuts and the Rushikulya project. The decrease under the Kistna anicut was chiefly due to grant of remissions amounting to Rs. 1,59,000 against only Rs. 9,000 in the previous year, in consequence of damages caused to the crops by heavy floods in September 1895. The decrease under the Srívaikuntam anicut was due to the cause mentioned in paragraph 3. The decrease under the Rushikulya project was due to the fact that the area brought under irrigation was not as large as had been expected by the Collector.

5. The following statement shows the actuals of indirect revenue for 1894-95 and 1895-96 and the revised estimate for 1895-96:—

Names of works.	Actuals, 1894-95.	Revised estimate, 1895-96.	Actuals, 1895-96.
	RS.	RS.	RS.
1. Gôdâvari anicut	1,58,000	1,61,000	1,48,620
2. Kistna do.	1,72,087	1,73,000	1,46,816
3. Cauvery do.	1,10,274	1,16,000	1,09,650
4. Pennér do.	20,272	20,000	21,058
5. Sangam do.	21,887	27,000	22,899
6. Srivaikuntam do.	1,828	2,000	1,805
7. Barôr tank project	2	..	30
8. Rushikulya do.	6	400	32

(True Extract.)

(Signed) R. V. SRINIVASIAH,
Secretary.

APPENDIX.

STATEMENT showing the financial results of irrigation under the following systems for fasli 1305 (1895-96).

STATEMENT SHOWING

Direct receipts (water-rate exclusive of remissions).

Systems.	Area irrigated.						Direct receipts (water-rate exclusive of remissions).						Inams.			
	First crop.			Second crop.			Usual wet.	Dry converted into wet and dry crops watered.	Waste brought under irrigation.	Zemindari.	Irrigated free of charge.	Irrigated and charged.	13	12		
	Old irrigation.	New irrigation.	Total.	Old irrigation.	New irrigation.	Total.										
	2	3	4	5	6	7	8	9	10	11	12	13				
Class I Works.																
Gôdâvari anicut	153,824	407,700	561,524	54	121,548	121,602	1,21,001	8,30,600	3,12,594	1,64,509	31,347	6,11,062	RS.	RS.		
Kistna do.	71,288	409,826	481,114	..	261	261	56,715	10,38,552	1,96,586	3,73,367	7,808	3,49,348	872	81		
Cauvery do.	743,724	142,606	886,330	34,295	66,478	100,773	32,17,258	2,56,658	2,64,717	..	43,244	12,569	1,553	896		
Pennér do.	42,188	25,704	67,892	412	1,824	2,236	1,30,911	22,294	73,714	..	15,484	6,355	204	4,898		
Sangam do.	56,264	17,293	73,557	621	3,169	3,790	2,10,811	15,726	50,102	..	9,669	1,480	271	364		
Srivaikuntam anicut	12,514	6,400	18,914	6,135	8,913	15,048	76,355	18,717	6,881	2,769	1,480	1,658	388	162		
Barôr tank project	1,384	1,152	2,536	500	1,193	1,693	4,413	4,269	3	8,949	2,020	12,116	353	691		
Rushikulya do.	19,362	16,443	35,805	..	112	112	25,481	13,221	1,369	..	..	..	4,065	1,109		
Class II Works.																
Chembrambakan tank	10,044	1,380	11,424	1,099	868	1,967	25,903	1,948	1,576	..	..	..	872	81		
Madras Water-supply and Irrigation project	5,571	1,863	7,434	799	1,461	2,260	10,789	3,384	1,190	..	..	..	6,012	138		
Pôlar anicut	52,625	23,101	75,726	15,728	12,692	28,420	1,34,766	25,011	41,010	..	..	..	1,972	204		
Palandrai anicut	1,906	6,845	8,751	82	31	113	19,481	24,563	227	..	..	..	4,898	795		
Cumbram tank	4,801	745	5,546	2,668	1,794	4,462	19,481	1,232	2,495	..	..	..	1,435	364		
Tadepalli channel	9,954	4,194	14,148	165	433	598	74,767	11,387	11,968	..	..	..	3,442	271		
Arakankottai channel	2,648	1,442	4,090	7	37	44	18,708	6,129	6,129	..	..	..	3,104	162		
Kalingaroyen anicut	8,219	2,889	11,108	8,325	2,091	10,416	53,596	6,397	2,032	..	..	..	2,028	691		
Vallur	3,958	1,209	5,167	131	131	262	3,231	866	1,567	..	..	..	4,200	353		
Cheyyar	15,975	6,976	22,951	1,771	13,355	15,126	44,513	7,970	7,483	..	..	..	1,109	829		
Poyney do.	15,169	6,612	21,781	2,411	2,568	4,979	1,44,270	1,36,860	83,920	..	..	..	5,154	49		
Lower Coleroon do.	44,395	62,661	107,056	3,748	4,071	7,819	20,170	51,040	25,691	..	..	..	829	241		
Shatidope do.	7,368	21,871	29,239	..	3,748	3,748	13,710	13,710	451	..	..	..	49	1		
Virudhachalam do.	2,281	3,623	5,904	..	204	204	8,351	11,393	1,712	..	..	..	871	1		
Mehmatpur do.	460	2,920	3,380	..	76	76	2,088	11,393	7,281	..	..	..	2,836	..		
Trukkôylur do.	16,184	6,956	23,140	..	2,038	2,038	58,943	17,172	1,966	..	..	..	14,348	..		
Marudur	16,339	564	16,903	..	15,204	15,669	1,07,576	6,978	8,486	..	..	..	32	..		
Ganjâm minor rivers system	49,309	7,179	56,488	..	5,008	5,008	80,379	6,978	499	..	..	..	..	..		
Nandiyar	3,908	..	3,908	..	385	1,526	9,471	..	..	..	..	..	..	..		

Statement showing the financial results of irrigation under the following systems for fasli 1305 (1895-96)—*cont.*

Direct receipts (water-rate exclusive of remissions) — cont.												Indirect receipts.				Total.	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.	4 per cent. of the amount realized by sale of tank-bed lands.	RS.	RS.	RS.	RS.				
14	15	16	17	18	19	20	21	22	23	24	RS.	RS.	RS.				
Class I Works.																	
Gólvári anicut ..	3,67,024	9,320	24,47,457	1,24,000	23,23,457	41,430	1,45,256	2,470	894	1,48,620	24,72,077	1,48,620	894	24,72,077			
Kistna do. ..	1,100	68,470	20,92,295	71,000	20,21,295		77,774	2,684	5,928	1,46,816	21,68,111	1,46,816		21,68,111			
Cauvery do. ..	3,48,945	22,005	41,89,530	33,47,632	8,41,898		1,03,678	5,972		1,09,650	9,51,648	1,09,650		9,51,648			
Pennér do. ..	6,067	2,809	2,63,848	1,17,000	1,46,848		19,582	927	549	21,058	1,67,906	21,058		1,67,906			
Sengam do. ..	10,838	4,296	3,07,687	1,39,000	1,68,687		15,418	874	6,607	22,899	1,91,586	22,899		1,91,586			
Srivikuntan anicut ..	48,587	391	1,56,738	79,000	77,738		1,769	46		1,806	79,548	1,806		79,548			
Barar tank project ..	1,852	12	11,022	2,000	9,022		2	28		30	9,052	30		9,052			
Rushikulya do. ..	178	141	53,535	25,816	37,719		25	7		32	37,751	32		37,751			
Class II Works.																	
Chembrambakam tank ..	4,956	20	35,968	16,000	19,968		792	31		823	20,791	823		20,791			
Madras Water-supply and Irrigation project ..	3,504	49	20,530	11,000	9,530		436	16		452	9,982	452		9,982			
Pálar anicut ..	57,504	1,102	2,66,301	1,25,000	1,41,301		15,639	363	31	16,033	1,57,834	16,033		1,57,834			
Pelandurai anicut ..	306	139	32,751	3,000	29,751		108	70		178	29,929	178		29,929			
Cumbum tank ..	12,490	32	40,832	30,001	10,831		567	34		601	11,432	601		11,432			
Tadapalli channel ..	2,905	101	1,02,858	76,063	26,795		2,689	35		2,624	29,419	2,624		29,419			
Arakankottai channel ..	130	95	1,27,389	18,943	8,446		367	17		384	8,830	367		8,830			
Kalingaroyen anicut ..	86,272	531	1,05,104	84,963	20,141		380	30		410	20,551	380		20,551			
Vallur do. ..	301	279	8,424	5,259	3,165		857	167		1,024	4,189	857		4,189			
Cheygar do. ..	22,325	290	90,702	44,391	46,311		3,297	119	15	3,431	49,742	3,431		49,742			
Potney do. ..	12,701	245	81,452	40,614	40,838		4,796	64	61	4,911	45,849	4,911		45,849			
Lower Coleroon do. ..	12,915	1,645	3,88,829	1,49,424	2,39,405		53,076	473		53,549	2,92,954	53,549		2,92,954			
Shattatope do. ..	10,841	941	1,10,466	20,999	89,467		14,447	516		14,963	1,04,430	14,963		1,04,430			
Vridhachalam do. ..	621	71	23,494	8,400	15,094		191	22		213	15,307	213		15,307			
Mehmathur do. ..	281	61	14,568	2,089	12,719		1	34		35	12,754	35		12,754			
Tirukkavilur do. ..	6,100	269	91,843	69,914	31,929		3,137	123		3,260	35,189	3,260		35,189			
Marudur do. ..	65,860	218	1,79,063	1,10,412	68,651		204	33		237	68,888	237		68,888			
Galum minor rivers system ..	9,943	495	1,21,387	95,249	26,138		5,925	854		6,779	32,917	6,779		32,917			
Gandiyar ..	3,454	19	15,529	16,345	—		2	19		21	795	21		795			

Proceedings of the Board of Revenue (Revenue Settlement, Land Records and Agriculture), dated 9th September 1896, No. 221.

Resolution—dated 9th September 1896, No. 221.

The following errata will be issued to Board's Proceedings, dated 15th August 1896, No. 197:—

(1) For Rs. 20,59,401 in column 3 against the Kistna anicut in the statement in paragraph 2, read Rs. 20,59,705.

(2) For Rs. 1,46,496 in column 3 against the Kistna anicut in the statement in paragraph 5, read Rs. 1,46,816.

(3) For the figures in columns 22 to 24 against the Kistna anicut in the statement in page 4, substitute the following: Rs. 5,928, 1,46,816 and 21,68,111.

(True Extract.)

(Signed) R. V. SRINIVASIAH,
Secretary.

Proceedings of the Board of Revenue (Revenue Settlement, Land Records and Agriculture), dated 8th October 1896, No. 267.

Read—the following papers:—

From the Collector of Cuddapah, dated 22nd July, 1896, Dis. No. 3322-Rev.

"	"	of	"	"	5th Aug.	"	"	"	3729-Rev.
"	"	of	"	"	6th "	"	"	"	Nos. 3761 and 3762 Rev.
"	"	of	"	"	26th "	"	"	"	No. 4165-Rev.
"	"	of	"	"	17th Sept.	"	"	"	Nos. 1390, 1391 and 1392 Ver.
"	"	of	"	"	24th "	"	"	"	No. 1489-Ver.
"	"	of	"	"	26th "	"	"	"	1503-Ver.

Resolution—dated 8th October 1896, No. 267.

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 1305 (1895-96) together with the usual statements.

2. The following comparative statement shows the area occupied for irrigation, the area actually irrigated or charged as irrigated and the revenue derived under the different classes of works during 1894-95 and 1895-96:—

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.				
<i>Class I, Works.</i>								
1894-95* ..	ACS. 2,265,885	ACS. 231,943	ACS. 2,255,999	ACS. 231,060	RS. 11,964,029	RS. 9,129,040	RS. 94,399	RS. 9,034,641
1895-96 ..	2,186,744	248,811	2,127,672	245,515	12,539,053	9,896,513	364,401	9,532,112
Difference ..	- 79,141	+ 16,868	- 128,327	+ 14,455	+ 575,024	+ 767,473	+ 270,002	+ 497,471
<i>Class II, Works.</i>								
1894-95 ..	431,466	96,565	427,029	95,528	2,436,003	1,759,201	37,057	1,722,144
1895-96 ..	436,545	102,861	433,239	100,988	2,479,062	1,789,990	32,260	1,757,730
Difference ..	+ 5,079	+ 6,296	+ 6,210	+ 5,460	+ 43,059	+ 30,789	- 4,797	+ 35,586
<i>Class III, Works.</i>								
1894-95 ..	100,494	74,612	98,371	73,085	832,046	702,923	17,497	685,426
1895-96 ..	102,081	74,854	102,053	74,849	835,788	704,852	4,914	699,938
Difference ..	+ 1,587	+ 242	+ 3,682	+ 1,764	+ 3,742	+ 1,929	- 12,583	+ 14,512
<i>Class IV, Works.</i>								
1894-95* ..	2,480,834	716,982	2,312,856	690,828	11,318,874	8,533,234	896,897	7,636,337
1895-96 ..	2,501,176	786,785	2,436,882	778,381	11,628,704	8,814,362	349,885	8,464,477
Difference ..	+ 20,342	+ 69,803	+ 124,026	+ 87,553	+ 309,830	+ 281,128	- 547,012	+ 828,140
<i>Total.</i>								
1894-95 ..	5,278,679	1,120,102	5,094,255	1,090,501	26,550,952	20,124,398	1,045,850	19,078,548
1895-96 ..	5,226,546	1,213,311	5,099,846	1,199,733	27,482,607	21,205,717	751,460	20,454,257
Difference ..	- 52,133	+ 93,209	+ 5,591	+ 109,232	+ 931,655	+ 1,081,319	- 294,390	+ 1,375,709

* Includes figures for Trichinopoly reported in Board's Proceedings, dated 16th and 21st December 1895, respectively, Nos. 394 and 405.

Taking all classes of works together, there was a decrease compared with 1894-95 of 52,133 acres in the area occupied under first crop, being the net result of a decrease of 79,141 acres under class I works, and an increase of 27,008 acres under other classes. Under second crop there was an increase of 93,209 acres under all classes of works as shown in the margin. The area charged as irrigated under first and second crop was greater than in the previous year by 5,591 acres and 109,232 acres, respectively. The increase under first crop would have been greater but for a large decrease of 135,887 acres under class I works, under the Gódvári and Kistna anikats*, owing to relinquishment of irrigation in consequence of enhancement of water-rate. The total revenue on irrigated lands amounted to Rs. 274.82 lakhs, of which the share due to irrigation was Rs. 212.05 lakhs or 77 per cent. Deducting Rs. 7.51 lakhs remitted during the year against Rs. 10.45 lakhs in 1894-95, the net revenue to be credited to the works amounted to Rs. 204.54 against Rs. 190.78 lakhs in the previous year.

Class of works	ACS.
I	16,868
II	6,296
III	242
IV	69,803
Total ..	93,209

	ACS.
* Gódvári anikat	97,134
Kistna do.	38,753
Total ..	135,887

of which the share due to irrigation was Rs. 212.05 lakhs or 77 per cent. Deducting Rs. 7.51 lakhs remitted during the year against Rs. 10.45 lakhs in 1894-95, the net revenue to be credited to the works amounted to Rs. 204.54 against Rs. 190.78 lakhs in the previous year.

3. As compared with the previous year (1894-95), there was an increase of Rs. 4,97,471 under class I works, which is the net result of a gross increase of Rs. 5,17,106 in the revenue due to irrigation under the systems noted in the margin†, and a gross decrease of Rs. 19,635 under the Srivaikuntam anikat and the Barur tank project. The variations have already been explained in paragraph 3 of Board's Proceedings, dated 15th August 1896, No. 197. Under class II works there was an increase of Rs. 35,586 in the revenue due to irrigation, which is the net result of a gross increase of Rs. 56,493 under the marginally-noted‡ systems and a gross decrease of Rs. 20,907 under the other works. The large decrease of Rs. 6,590 under the Marudur anikat was chiefly due to unusually heavy rains in December last and consequent floods which silted up large areas of wet lands and necessitated the grant of remissions amounting to Rs. 6,160. Under class III works there was an increase of Rs. 15,542 in the net revenue due to irrigation in Vizagapatam, Chingleput, Tinnevely and Coimbatore. The bulk of the increase (Rs. 9,979) occurred in Coimbatore, where the season was favourable and where only Rs. 506 were remitted against Rs. 9,724 in the previous year. Under class IV works there was

	RS.
† Gódvári anikat	1,01,443
Kistna do.	2,28,228
Cauvery do.	1,64,968
Pennér do.	1,002
Sangam do.	5,084
Rushikulya Project	16,381
Total ..	5,17,106

Increase.	RS.	Per-centage.
‡ Pálar anikat	13,658	24.2
Pelandorai anikat	911	1.6
Vallúru do.	120	0.2
Cheyaru do.	12,307	21.8
Lower Coleroon anikat	3,040	5.4
Shatiatepe do.	4,167	7.4
Mehimattur do.	2,466	4.3
Ganjám minor rivers system	4,295	7.6
Nandyar channel	15,529	27.5
Total ..	56,493	100.0

Decrease.	RS.
Chembrambakam tank	2,180
Madras water-supply and irrigation extension project	998
Cumbum tank	1,285
Tadapalli channel	959
Arakankottai channel	727
Kalingaroyan do.	999
Poincy anikat	3,519
Vridhdachalam anikat	1,594
Marudur do.	6,590
Tirukkóyilúr do.	2,056
Total ..	20,907

mitted against Rs. 9,724 in the previous year. Under class IV works there was

an increase as shown in the margin* in all the districts except Ganjám, Nellore, Kurnool and Trichinopoly. The decrease in these districts amounted to Rs. 48,016, of which no less than Rs. 21,178 appertain to Trichinopoly. The large decrease in this district is only apparent, being due chiefly to the transfer of irrigation under Nandyar channel from class IV to class II works in the year under review—vide G.O., No. 1-I, dated 7th January 1895. The decrease in Nellore and Kurnool was due to the unfavourable character of the season.

	RS.	Percentage to gross increase.
* Vizagapatam	9,103	1.0
Gódvári	29,608	3.4
Kistna	17,257	2.0
Cuddapah	64,045	7.3
Anantapur	92,514	10.6
Bellary	9,797	1.1
Chingleput	58,646	6.7
North Arcot	77,924	8.9
South Arcot	69,073	7.9
Tanjore	7,824	0.9
Madura	89,991	10.3
Tinnevely	2,66,793	30.4
Coimbatore	37,951	4.3
Salem	45,630	5.2
Total ..	8,76,156	100.0

Decrease.	RS.
Ganjám	3,649
Nellore	10,779
Kurnool	12,410
Trichinopoly	21,178
Total ..	48,016

4. The growth of irrigation revenue under the different classes of works during the last six years is exhibited in the sub-joined statement. As observed in the review for the preceding year, the improvement in the revenue under class I works comprising the anikat systems is steady and satisfactory:—

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.
1	2	3	4	5	6	7	8	9
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
1300 (1890-91) ..	74,99,368	1,18,180	73,81,188	14,90,878	70,253	14,20,625	7,95,096	18,086
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
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
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
1304 (1894-95) ..	91,29,040	94,399	90,34,641	17,59,201	37,057	17,22,144	7,02,923	17,497
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

Fasli.	Class III—cont.	Class IV.			Total.		
	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.
	10	11	12	13	14	15	16
	RS.	RS.	RS.	RS.	RS.	RS.	RS.
1300 (1890-91) ..	7,77,010	79,31,944	15,16,130	64,15,814	1,77,17,286	17,22,649	1,59,94,637
1301 (1891-92) ..	7,41,812	76,47,208	21,77,950	54,69,258	1,76,36,568	27,73,985	1,48,62,583
1302 (1892-93) ..	6,67,742	83,68,903	13,16,949	70,51,954	1,86,34,740	15,75,449	1,70,59,291
1303 (1893-94) ..	6,98,666	86,27,063	3,66,913	82,60,150	1,98,29,157	4,89,896	1,93,39,261
1304 (1894-95) ..	6,85,426	85,33,234	8,96,897	76,36,337	2,01,24,398	10,45,850	1,90,78,548
1305 (1895-96) ..	6,99,938	88,14,362	34,9,885	84,64,477	2,12,05,717	7,51,460	2,04,54,257

5. The following statement compares the area irrigated under the Kurnool-Cuddapah canal and the revenue derived therefrom during the year under report 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 .. { 1304		10,579	3,604	1,294	1,606	57,685	301	57,384				
.. { 1305		10,632	2,801	994	1,136	46,740	43	46,697				
Difference ..	+	53	— 803	— 300	— 470	— 10,945	— 258	— 10,687				
Cuddapah .. { 1304		9,822	2,589	2,279	1,767	57,434	1,712	55,722				
.. { 1305		9,638	3,545	2,830	1,327	57,850	1,613	56,237				
Difference ..	—	184	+	956	+	551	— 440	+	416	— 99	+	515
Total .. { 1304		20,401	6,193	3,573	3,373	1,15,119	2,013	1,13,106				
.. { 1305		20,270	6,346	3,824	2,463	1,04,590	1,656	1,02,934				
Difference ..	—	131	+	153	+	251	— 910	— 10,529	— 357	— 10,172		

The total area irrigated under the canal, including dry crops, was 32,903 acres against 33,540 acres in the previous year. The decrease is the net result of a decrease of 1,520 acres in Kurnool and an increase of 883 acres in Cuddapah. The variations have not been accounted for by the Collectors concerned. They will now be requested to explain them.

(True Extract.)

(Signed) R. V. SRINIVASIAH,
Secretary.

APPENDIX I.
STATEMENT showing the total area occupied, the area actually irrigated or charged as irrigated and the revenue derived for fesi 1305 (1895-96) 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.				
CLASS I WORKS.	1894-95	1895-96	ACS.	ACS.	ACS.	ACS.	RS.	RS.	RS.	RS.
Gólavari delta ..	..	..	659,971	100,855	658,658	100,855	32,17,356	23,83,745	37,731	23,46,014
..	..	..	586,880	121,788	561,624	121,602	33,32,630	25,96,980	1,49,633	24,47,457
Difference ..	..	..	- 74,091	+ 20,933	- 67,134	+ 20,747	+ 1,15,174	+ 2,13,235	+ 1,11,792	+ 1,01,443
Kistna do. ..	..	..	520,724	110	519,867	109	24,59,936	18,73,582	9,515	18,64,067
..	..	..	508,916	261	481,114	261	27,41,360	22,61,218	1,56,923	20,92,296
Difference ..	..	..	- 11,808	+ 151	- 88,753	+ 152	+ 2,81,425	+ 3,77,636	+ 1,49,408	+ 2,28,228
Cauvery anikat ..	..	..	888,500	103,430	886,461	103,430	52,56,525	40,36,134	11,572	40,24,562
..	..	..	886,664	100,773	886,330	100,773	54,15,041	41,98,905	9,375	41,89,530
Difference ..	..	..	- 1,836	- 2,657	- 131	- 2,657	+ 1,58,516	+ 1,62,771	- 2,197	+ 1,64,968
Pennár do. ..	..	..	68,222	3,351	67,208	3,351	3,37,613	2,68,079	5,233	2,62,846
..	..	..	68,946	2,236	67,892	2,236	3,37,983	2,67,416	3,568	2,63,848
Difference ..	..	..	+ 324	- 1,115	+ 684	- 1,115	+ 370	- 663	- 1,565	+ 1,002
Sangam do. ..	..	..	75,386	4,095	72,583	4,095	3,95,849	3,16,898	14,295	3,02,603
..	..	..	75,354	3,790	71,557	3,790	3,95,001	3,16,333	8,646	3,07,687
Difference ..	..	..	- 32	+ 305	+ 974	- 305	- 848	- 565	- 5,649	+ 5,084
Srivaikuntam anikat ..	..	..	23,014	18,269	21,186	17,387	2,16,960	1,91,226	15,671	1,75,555
..	..	..	23,036	18,158	18,914	15,048	2,16,528	1,90,786	34,048	1,56,738
Difference ..	..	..	+ 22	- 111	- 2,272	- 2,339	- 432	- 440	+ 18,377	- 18,817
Barur tank project ..	..	..	2,656	1,824	2,656	1,824	14,181	11,854	14	11,840
..	..	..	2,536	1,693	2,536	1,693	13,385	11,035	13	11,022
Difference ..	..	..	- 120	+ 131	- 120	+ 131	- 796	- 819	- 1	+ 818
Rushikulya project ..	..	..	27,412	9	27,380	9	65,610	47,522	368	47,154
..	..	..	26,812	112	26,805	112	87,225	63,840	305	47,154
Difference ..	..	..	+ 8,400	- 103	+ 8,425	- 103	+ 21,615	+ 16,318	- 63	+ 16,381
Total of Class I Works ..	..	..	2,265,835	231,943	2,255,999	231,000	1,19,64,029	91,29,040	94,399	90,34,641
..	..	..	2,186,744	248,811	2,127,672	246,515	1,26,39,053	98,90,513	8,64,401	96,32,112
Difference ..	..	..	- 79,141	+ 16,868	- 128,327	+ 14,455	+ 5,75,024	+ 7,67,473	+ 2,70,002	+ 4,97,471

Statement showing the total area occupied, the area actually irrigated or charged as irrigated and the revenue derived for fasli 1305 (1895-96), &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.				
		ACS.	ACS.	ACS.	ACS.						
CLASS II WORKS.								RS.	RS.	RS.	
	Palar anikat ..	1894-95 ..	76,046	23,589	74,947	23,428	3,43,087	2,59,427	6,784	2,52,643	
		1895-96 ..	76,866	28,962	75,726	28,420	3,53,999	2,70,476	4,174	2,66,301	
	Difference ..	—	180	5,373	+	779	+	10,912	+	13,658	+
Pelendorai anikat ..	1894-95 ..	8,790	191	8,760	188	46,885	32,882	542	31,840		
	1895-96 ..	8,751	113	8,751	113	47,607	32,815	64	32,751		
	Difference ..	—	39	—	78	—	75	+	722	+	433
Chembrambakam tank ..	1894-95 ..	13,098	4,537	11,565	3,885	69,680	51,640	13,492	38,148		
	1895-96 ..	12,995	2,643	11,424	1,967	64,684	46,771	10,803	35,968		
	Difference ..	—	103	—	1,894	—	1,918	—	4,996	—	2,689
Madras Water-supply and Irrigation extension project.	1894-95 ..	7,419	2,630	7,418	2,630	39,136	21,895	367	21,528		
	1895-96 ..	7,439	2,660	7,434	2,660	28,191	20,911	381	20,530		
	Difference ..	+	20	—	370	+	16	—	945	+	14
Cumbum tank ..	1894-95 ..	5,674	4,765	5,649	4,765	48,504	42,276	159	42,117		
	1895-96 ..	5,646	4,452	5,646	4,452	47,107	40,967	135	40,832		
	Difference ..	—	128	—	313	—	103	—	1,397	—	24
Tadepalli channel ..	1894-95 ..	14,223	603	14,042	603	1,25,744	1,04,912	1,095	1,03,817		
	1895-96 ..	14,214	598	14,148	598	1,24,171	1,03,230	372	1,02,858		
	Difference ..	—	9	—	5	+	106	—	1,573	—	723
Arakankottai do. ..	1894-95 ..	4,120	91	4,075	91	34,137	28,589	423	28,116		
	1895-96 ..	4,116	44	4,090	44	33,285	27,577	288	27,389		
	Difference ..	—	4	—	47	+	15	—	862	—	135
Kalingaroyen do. ..	1894-95 ..	11,247	10,276	11,246	10,276	1,19,951	1,06,162	59	1,06,103		
	1895-96 ..	11,208	10,416	11,208	10,416	1,18,913	1,05,163	59	1,05,104		
	Difference ..	—	39	+	140	—	38	+	1,038	—	999
Vallur anikat ..	1894-95 ..	4,961	188	4,961	188	13,357	8,578	374	8,304		
	1895-96 ..	5,167	131	5,167	131	13,715	8,789	365	8,424		
	Difference ..	+	206	—	57	+	206	—	359	+	111

Cheyra anikat ..	1894-95 ..	20,236	12,936	20,372	12,853	1,19,414	82,553	4,258	78,395
	1895-96 ..	21,561	15,126	21,950	15,126	1,21,890	90,912	210	90,702
	Difference ..	—	—	—	—	—	—	—	—
Poisy do. ..	1894-95 ..	23,784	4,821	23,061	4,820	1,26,192	89,405	4,434	84,971
	1895-96 ..	22,455	4,970	21,781	4,969	1,14,219	85,006	3,554	81,452
	Difference ..	—	—	—	—	—	—	—	—
Lower Coleroon anikat ..	1894-95 ..	107,025	4,651	107,017	4,649	6,21,122	3,85,846	57	3,85,789
	1895-96 ..	107,166	4,211	107,046	4,205	6,26,837	3,89,535	706	3,88,829
	Difference ..	—	—	—	—	—	—	—	—
Shatyatope anikat ..	1894-95 ..	28,658	3,538	28,608	3,518	1,58,586	1,06,595	396	1,56,299
	1895-96 ..	29,284	3,776	29,239	3,748	1,64,688	1,10,322	456	1,10,466
	Difference ..	—	—	—	—	—	—	—	—
Viddachalum anikat ..	1894-95 ..	6,383	247	6,383	247	38,146	25,095	7	25,088
	1895-96 ..	5,910	204	5,910	204	35,627	23,501	7	23,494
	Difference ..	—	—	—	—	—	—	—	—
Mehmatr do. ..	1894-95 ..	2,852	55	2,852	55	18,237	12,354	12	12,342
	1895-96 ..	3,380	76	3,380	76	22,188	14,808	..	14,808
	Difference ..	—	—	—	—	—	—	—	—
Marudur do. ..	1894-95 ..	17,560	16,300	17,415	16,185	2,15,531	1,88,070	3,017	1,85,653
	1895-96 ..	17,552	16,259	16,903	16,569	2,15,087	1,88,240	9,177	1,79,063
	Difference ..	—	—	—	—	—	—	—	—
Tirukkoyilur anikat ..	1894-95 ..	22,828	3,536	22,796	3,536	1,31,688	94,235	336	98,899
	1895-96 ..	23,140	2,066	23,140	2,056	1,30,524	91,962	109	91,843
	Difference ..	—	—	—	—	—	—	—	—
Ganjan minor system.	1894-95 ..	55,882	3,611	55,882	3,611	1,89,606	1,18,337	1,245	1,17,092
	1895-96 ..	56,497	5,008	56,488	5,008	1,95,213	1,22,744	1,367	1,21,887
	Difference ..	—	—	—	—	—	—	—	—
Nandyar channel ..	1894-95 ..	3,908	1,526	3,908	1,526	21,171	15,572	..	15,529
	1895-96 ..	3,908	1,526	3,908	1,526	21,171	15,572	..	15,529
	Difference ..	—	—	—	—	—	—	—	—
Total of Class II Works ..	1894-95 ..	431,466	96,565	427,029	95,528	24,36,003	17,69,201	37,057	17,22,144
	1895-96 ..	430,545	102,861	433,239	100,988	24,79,062	17,89,990	32,250	17,57,730
	Difference ..	—	—	—	—	—	—	—	—

Statement showing the total area occupied, the area actually irrigated or charged as irrigated and the revenue derived for fasli 1305 (1895-96), &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.				
		ACS.	ACS.	ACS.	ACS.						
CLASS III WORKS.											
Vizagapatam ..	{ 1894-95 ..	15,748	15,291	18,975	14,522	77,775	56,758	3,226	53,532		
	{ 1895-96 ..	19,774	15,212	19,774	15,212	76,815	55,799	392	55,407		
	Difference ..	+	79	+	690	—	959	—	2,834	+	1,875
Chingleput ..	{ 1894-95 ..	4,420	1,204	4,379	1,204	16,246	11,491	280	11,211		
	{ 1895-96 ..	5,866	1,206	5,866	1,206	20,589	14,147	173	13,974		
	Difference ..	+	1,446	+	2	+	4,343	+	2,656	+	2,763
South Arcot ..	{ 1894-95 ..	12,485	3,161	12,472	3,161	87,544	62,440	603	61,837		
	{ 1895-96 ..	12,602	2,696	12,686	2,696	86,996	61,876	780	61,096		
	Difference ..	+	465	+	114	—	548	—	564	+	741
Tinnevely ..	{ 1894-95 ..	36,791	33,933	36,739	33,933	47,451	42,274	3,664	41,984		
	{ 1895-96 ..	36,748	34,035	36,735	34,031	47,451	42,282	2,793	42,009		
	Difference ..	—	43	+	102	—	37	+	54	+	925
Coimbatore ..	{ 1894-95 ..	26,615	20,595	25,371	19,837	174,100	148,021	9,724	138,297		
	{ 1895-96 ..	26,661	21,279	26,661	21,279	175,066	148,782	506	148,276		
	Difference ..	+	684	+	1,442	+	966	+	761	+	9,979
Salem ..	{ 1894-95 ..	435	428	435	428	1,830	1,465	—	1,465		
	{ 1895-96 ..	430	426	430	426	1,808	1,446	270	1,176		
	Difference ..	—	5	—	2	—	22	—	19	+	289
Total of Class III Works.	{ 1894-95 ..	100,494	74,612	98,371	73,085	8,32,046	7,02,923	17,497	6,85,426		
	{ 1895-96 ..	102,081	74,854	102,053	74,849	8,35,788	7,04,852	4,974	6,99,938		
	Difference ..	+	1,587	+	3,682	+	3,742	+	1,929	+	14,613
CLASS IV WORKS.											
Ganjām ..	{ 1894-95 ..	140,217	5,329	139,565	5,324	3,65,917	1,90,232	6,735	1,83,507		
	{ 1895-96 ..	136,236	6,317	135,339	6,317	3,57,187	1,87,442	7,584	1,79,888		
	Difference ..	—	3,981	—	993	—	8,730	—	2,790	—	3,649

Vizagapatam ..	{ 1894-95 ..	82,257	74,115	79,251	72,885	3,63,645	2,49,811	12,607	2,37,204
	{ 1895-96 ..	81,833	73,183	81,730	73,178	3,50,876	2,47,602	1,295	2,46,307
	Difference ..	—	—	+	+	—	—	—	—
Golávari ..	{ 1894-95 ..	102,650	4,807	95,901	4,807	2,78,007	1,81,968	18,773	1,63,195
	{ 1895-96 ..	108,288	8,606	106,951	8,593	2,95,991	1,95,938	3,135	1,92,803
	Difference ..	+	—	—	—	+	+	—	+
Kistna ..	{ 1894-95 ..	45,649	253	44,290	251	2,00,653	1,37,825	6,706	1,31,619
	{ 1895-96 ..	48,055	344	46,780	343	2,21,218	1,55,685	6,809	1,48,776
	Difference ..	+	+	+	+	+	+	+	+
Nellore ..	{ 1894-95 ..	131,860	12,312	117,444	12,105	6,11,656	4,81,899	68,936	4,12,893
	{ 1895-96 ..	130,851	9,700	113,168	9,552	6,06,675	4,75,911	73,827	4,02,114
	Difference ..	—	—	—	—	—	—	—	—
Cuddapah ..	{ 1894-95 ..	219,794	75,422	198,537	74,310	10,41,401	8,60,768	1,21,923	7,38,835
	{ 1895-96 ..	214,357	77,137	207,220	76,781	10,28,217	8,49,780	46,900	8,02,880
	Difference ..	—	—	—	—	—	—	—	—
Anantapur ..	{ 1894-95 ..	120,741	25,962	100,527	25,869	5,08,796	4,38,910	1,05,949	3,32,961
	{ 1895-96 ..	124,998	41,802	112,952	41,478	5,55,569	4,84,518	69,043	4,25,475
	Difference ..	+	+	+	+	+	+	+	+
Belary ..	{ 1894-95 ..	54,134	12,709	51,255	12,627	3,12,709	2,67,292	14,130	2,53,162
	{ 1895-96 ..	54,129	15,621	52,168	15,418	3,19,213	2,73,517	10,558	2,62,959
	Difference ..	—	—	—	—	—	—	—	—
Kurnool ..	{ 1894-95 ..	52,333	10,626	51,379	10,581	2,45,742	1,95,433	6,495	1,88,938
	{ 1895-96 ..	53,025	8,445	50,902	8,415	2,41,233	1,89,874	13,346	1,76,528
	Difference ..	+	—	—	—	—	—	—	—
Chingleput ..	{ 1894-95 ..	352,658	55,940	342,446	55,187	12,12,187	8,54,675	46,891	8,07,784
	{ 1895-96 ..	352,828	67,712	349,223	67,434	12,46,100	8,88,108	21,678	8,66,430
	Difference ..	—	—	—	—	—	—	—	—
North Arcot ..	{ 1894-95 ..	222,219	89,583	209,724	88,503	11,42,639	8,40,188	61,807	7,78,381
	{ 1895-96 ..	225,650	104,342	220,062	103,679	11,91,719	8,85,047	28,742	7,56,305
	Difference ..	+	+	+	+	+	+	+	+
South Arcot ..	{ 1894-95 ..	276,115	54,827	274,313	54,766	14,74,877	10,26,584	11,501	10,15,383
	{ 1895-96 ..	289,280	60,090	289,146	60,070	16,55,190	10,85,246	790	10,84,456
	Difference ..	—	—	—	—	—	—	—	—

Statement showing the total area occupied, the area actually irrigated or charged as irrigated and the revenue derived for fasli 1305 (1895-96), &c.—*cont.*

Statement showing the total area occupied, the area actually irrigated or charged as irrigated, the area actually irrigated or charged									
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APPENDIX II.
ABSTRACT statement of the extent of Irrigation and the Revenue derived from Irrigation Works for the fasli year 1305 (1895-96).

ABSTRACT statement of the extent of Irrigation and the Revenue derived from Irrigation Works for the year 1900-1901											
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.
		Second crop.		First crop.		Second crop.					
		First crop.	Second crop.	First crop.	Second crop.	First crop.	Second crop.				
1	2	3	4	5	6	7	8	9	10	11	12
Goddavari Anikot System.											
Eastern delta	1. Main canal ..	608	3,993	608	3,914	94	..	2,562	2,500	251	2,249
	2. Bank do. ..	22,507	7,743	22,175	11,256	1,891	..	1,18,545	98,411	2,394	96,017
	3. Cocanada canal ..	43,109	3,252	43,042	7,743	11,256	..	2,63,955	1,97,541	2,960	1,94,681
	4. Samalkot do. ..	28,927	8,618	27,990	8,581	9,910	..	1,86,655	1,09,723	1,074	1,08,649
	5. Mandapet do. ..	31,456	3,774	31,398	8,581	7,959	..	2,56,398	1,86,721	1,592	1,86,721
Central delta	6. Coringa do. ..	32,000	3,965	31,347	3,732	7,959	..	1,75,239	1,28,408	2,502	1,25,906
	7. Injran do. ..	15,810	179	15,784	3,965	3,460	..	82,602	68,941	2,019	66,922
	8. Kovur-Manjar junction canal ..	5,845	..	5,838	179	2,764	..	17,013	16,798	917	15,881
	Total, Eastern delta ..	178,820	31,524	178,182	31,360	38,093	..	10,52,970	8,10,735	13,709	7,97,026
	1. Main canal ..	1,000	1,052	..	1,052	..	..	2,933	2,933	358	2,575
Western delta	2. Gunnavaram canal ..	47,880	8,863	36,389	8,863	3,725	..	2,60,044	1,95,704	8,007	1,87,697
	3. Bank canal ..	29,650	3,475	27,960	5,475	4,864	..	1,66,925	1,29,513	6,397	1,23,116
	4. Amalapuram canal ..	31,350	6,404	26,494	6,404	7,006	..	1,41,045	1,14,272	3,809	1,10,463
	5. Bendamurkanka canal ..	12,540	430	9,823	430	2,807	..	49,657	36,267	3,776	39,491
	Total, Central delta ..	104,102	22,224	100,666	22,224	19,002	..	6,20,604	4,78,689	22,347	4,56,342
Total, Godavari anikot system	1. Main canal ..	554	627	554	627	149	..	4,419	4,322	346	3,976
	2. Kakrapur canal ..	5,108	4,492	5,108	4,492	..	..	40,804	37,127	1,358	36,769
	3. Gostanadi and Velpur canal ..	40,195	6,479	38,532	6,479	7,953	..	2,34,012	1,72,960	8,897	1,64,063
	4. Bank canal ..	29,717	15,455	29,012	15,455	1,458	..	2,34,049	1,74,587	5,179	1,69,408
	5. Narsapur canal ..	60,739	11,187	57,452	11,187	9,059	..	3,61,899	2,76,845	20,094	2,56,751
Total, Godavari anikot system	6. Ellore do. ..	59,000	2,122	33,567	2,122	4,907	..	1,73,714	1,29,366	28,481	1,45,283
	7. Attili do. ..	33,000	16,127	14,178	16,105	1,858	..	1,99,577	1,07,563	7,739	99,764
	8. Venkayya and Wyar canal ..	48,080	5,207	39,324	5,207	23,167	..	1,37,936	1,16,614	23,736	92,878
	9. Undi canal ..	48,000	52,470	49,919	2,064	20,175	..	2,25,856	1,66,043	13,275	1,62,768
	10. Junction canal ..	..	4,280	15,030	4,280	2,341	..	91,058	77,781	4,352	73,429
Total, Godavari anikot system ..		319,580	68,040	282,676	68,018	71,067	54	16,58,956	13,07,556	1,13,467	11,94,089
Total, Godavari anikot system ..		612,000	121,788	561,524	121,602	128,162	54	33,32,530	25,96,980	1,49,523	24,47,457

Abstract statement of the extent of Irrigation and the Revenue derived from Irrigation Works for the fasli year 1305 (1895-96)—cont.

Abstract statement of the extent of Irrigation and the revenue due to it.											
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.
		Area occupied.		Area charged as irrigated.		Area of lands irrigated free of charge included in columns 3 and 4.					
		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.											
Palar Anikat System.											
1. Kaveripak canal	..	20,120	6,614	20,116	6,101	4,312	1,157	92,548	71,233	2,529	68,704
2. Mahendravadi canal	..	6,197	1,160	6,197	1,150	501	61	30,271	23,966	328	23,638
3. Govindavadi do.	..	7,369	1,652	7,369	1,647	1,136	117	32,670	24,423	333	24,090
4. Kumbakal do.	..	18,485	4,825	18,485	4,801	2,933	329	63,508	46,457	877	46,090
Total, Northern section	..	52,171	14,241	52,080	13,699	8,932	1,664	2,18,937	1,66,079	3,557	1,62,522
1. Dusi canal	..	18,575	12,416	18,575	12,416	2,462	2,423	1,06,751	83,028	368	82,660
2. Chakramallur canal	..	3,619	1,744	3,619	1,744	183	166	20,618	16,607	41	15,966
3. Kalavai canal	..	1,501	561	1,452	561	86	52	7,633	5,761	208	5,553
Total, Southern section	..	23,695	14,721	23,646	14,721	2,731	2,641	1,35,002	1,04,396	617	1,03,779
Total, Palar anika system	..	75,866	28,962	75,726	28,420	11,663	4,305	3,53,999	2,70,475	4,174	2,66,301
Palandurai Anikat System.											
1. Sholvaram tank	..	3,107	733	3,102	733	508	10	12,065	8,826	315	8,011
2. Red Hills do.	..	4,332	1,527	4,332	1,527	1,077	430	16,126	12,585	66	12,519
Total, Madras Water-supply and Irrigation Extension Project	..	7,439	2,260	7,434	2,260	1,585	440	28,191	20,911	381	20,530
Chambarambakkam Tank.											
1. Sholvaram tank	..	5,546	4,452	5,546	4,452	1,754	1,228	47,107	40,967	135	40,832
2. Vaidhachalam	..	14,214	598	14,148	598	41	..	1,24,171	1,03,230	372	1,02,858
3. Arakankottai canal	..	4,116	44	4,090	44	103	..	33,285	27,677	288	27,389
4. Kallangurayen do.	..	11,208	10,416	11,208	10,416	747	746	1,18,913	1,05,163	69	1,05,104
5. Vallur anikat	..	5,167	131	5,167	131	2,840	..	13,716	8,789	365	8,424
6. Chayiru do.	..	21,951	15,125	21,950	15,125	1,830	1,761	1,21,890	90,912	210	81,462
7. Polkey do.	..	22,465	4,970	21,781	4,969	2,060	184	1,14,219	85,006	3,554	81,462
8. Lower Coleroon anikat	..	107,166	4,211	107,046	4,205	8,321	184	6,26,637	3,00,000	706	3,88,829

Shadyatope Vridhachalam do. do
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Abstract statement of the extent of Irrigation and the Revenue derived from Irrigation Works for the fasli year 1305 (1894-96)—*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.
		Area occupied.		Area charged as irrigated.		Area of lands irrigated free of charge included in columns 3 and 4.					
		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.											
<i>Salem District.</i>											
Pennagundapuram tank	ACS.	430	426	430	426	..	..	1,803	1,446	270	1,176
<i>Tinnevely District.</i>											
1. Ariyanayakapuram anikatt..		5,345	5,032	5,345	5,032	693	314	72,740	65,625	954	64,671
2. Palanar do. ..		8,414	7,718	8,402	7,714	471	141	1,07,032	95,363	719	94,644
3. Sattamali do. ..	Not fixed.	6,305	5,348	6,305	5,348	760	385	71,820	64,085	200	63,885
4. Kodamallaghien do. ..	fixed.	2,976	2,652	2,975	2,652	1,198	694	20,045	16,706	94	15,612
5. Nathiyuni do. ..		2,490	2,341	2,490	2,341	926	750	21,819	19,869	28	19,841
6. Kannadien do. ..		11,219	10,944	11,219	10,944	343	300	1,81,058	1,61,154	798	1,60,356
Total, Tinnevely district ..	..	36,748	34,035	36,736	34,031	4,391	2,534	4,74,514	4,22,802	2,793	4,20,009
<i>Chingleput District.</i>											
Maduranta tank	Not fixed.	5,866	1,206	5,866	1,206	823	105	20,589	14,147	173	13,974
<i>South Arcot District.</i>											
Myorenadi .. Kattunallur anikatt ..	Not fixed.	489	..	489	..	2	..	3,293	2,079	..	2,079
1. Tiruvadi anikatt ..		7,051	1,684	7,035	1,683	395	14	49,224	35,294	299	34,995
2. Vanamadevi do. ..	Not fixed.	783	192	783	192	96	..	6,876	4,868	91	4,777
3. Tiruvendipuram anikatt ..	fixed.	1,986	661	1,986	661	644	25	15,367	11,299	379	10,920
Total, Gadilam river ..	..	9,820	2,537	9,804	2,536	1,135	39	71,467	51,461	769	50,692
Kallar river .. Vikravandi anikatt ..	Not fixed.	2,293	159	2,293	159	64	..	12,236	8,836	11	8,825
Total, South Arcot district ..	..	12,602	2,696	12,586	2,695	1,201	39	86,996	61,876	780	61,096
<i>Coimbatore District.</i>											
1. Cullapuram anikatt channel.		1,436	1,417	1,436	1,417	65	51	6,636	5,760	..	5,760
2. Comaralingam do.		2,618	2,150	2,618	2,150	88	52	10,911	8,981	..	8,981
3. Kannadiputtur do.		609	606	609	606	97	97	5,291	4,643	..	4,643

Abstract statement of the extent of Irrigation and the Revenue derived from Irrigation Works for the fasli year 1305 (1895-96)—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.
	2		4		5		7		9	10	11	12
	1	ACS.	First crop.	Second crop.	First crop.	Second crop.	First crop.	Second crop.	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. Ganjam ..	..	..	..	..	65,241	4,305	11,517	182	1,52,898	82,619	1,709	80,910
2. Vizagapatam ..	..	..	..	..	47,893	4,381	13,504	13,432	2,00,011	1,39,408	556	1,38,852
3. Godavari ..	..	..	..	..	59,925	1,390	14,546	137	1,38,337	96,314	1,100	95,214
4. Krishna ..	..	..	..	..	28,571	342	2,226	..	1,37,881	98,718	4,118	94,605
5. Nellore ..	..	..	..	..	30,998	4,164	5,965	238	1,52,940	1,19,549	13,799	1,05,760
6. Cuddapah ..	..	..	..	..	147,017	47,488	51,539	8,808	6,67,882	5,49,992	38,256	6,11,736
7. Anantapur ..	..	..	..	..	67,973	28,995	12,639	3,262	3,12,321	2,72,101	27,815	2,44,286
8. Bellary ..	..	..	..	..	21,571	7,844	5,102	2,518	89,658	74,865	5,548	84,317
9. Kurnool ..	..	..	..	..	28,101	3,710	8,597	693	1,28,672	1,02,260	10,691	91,569
10. Chingelput ..	..	..	..	..	117,724	19,223	14,715	732	3,80,532	2,67,997	10,137	2,57,860
11. North Arcot ..	..	..	..	..	169,878	76,333	27,746	18,712	8,52,356	6,32,439	19,269	6,13,230
12. South Arcot ..	..	..	..	..	207,913	42,848	9,218	259	10,98,324	7,61,044	685	7,63,359
13. Tanjore ..	..	..	..	..	36,411	1,903	3,496	8	1,13,758	81,505	1,118	80,687
14. Trichinopoly ..	..	..	..	..	43,802	15,021	8,635	1,086	1,63,491	1,17,199	85	1,17,114
15. Madurai ..	..	..	..	..	112,943	24,227	6,367	943	4,57,088	3,57,161	8,989	3,48,172
16. Tirunelveli ..	..	..	..	..	89,020	47,368	7,263	2,111	5,40,432	4,64,956	22,812	4,42,144
17. Coimbatore ..	..	..	..	..	13,349	5,130	1,666	256	61,910	49,656	2,168	47,488
18. Salem ..	..	..	..	..	82,345	73,894	5,834	5,658	4,00,517	2,84,755	4,132	2,80,623
Total, Minor ..	..	..	..	..	1,360,664	448,766	210,575	53,435	60,49,588	45,56,338	1,72,922	43,83,416
Grand Total (Imperial and Minor) ..	..	..	..	..	2,436,882	778,381	367,928	84,902	1,16,28,704	88,14,362	3,49,885	84,64,477

APPENDIX III.

COMPARATIVE statement of the area irrigated and the revenue derived in each taluk under the Kurnool-Cuddapah canal for fasli 1304 (1894-95) and 1305 (1895-96).

Taluku.	Area irrigated.				Demand.	Remissions.	Net demand.
	First crop		Second crop.				
	Wet.	Dry.	Wet.	Dry.			
<i>Kurnool.</i>					RS.	RS.	RS.
Nandiyal { 1304 ..	1,587	1,352	169	516	15,134	7	15,127
	2,477	215	310	453	10,357	4	10,353
	Difference ..	+ 590	- 1,137	+ 141	- 63	- 4,777	- 3
Sirvel { 1304 ..	1,844	1,431	168	69	10,472	55	10,417
	1,865	1,530	30	140	9,004	21	8,983
	Difference ..	+ 21	+ 99	- 138	+ 71	- 1,468	- 34
Koilkuntla .. { 1304 ..	228	210	71	18	1,790	147	1,643
	191	143	37	34	1,260	..	1,260
	Difference ..	- 37	- 67	- 34	+ 16	- 530	- 147
Ramallakot .. { 1304 ..	1,944	101	494	39	9,553	..	9,553
	1,605	82	409	24	7,774	..	7,774
	Difference ..	- 339	- 19	- 85	- 15	- 1,779	..
Nandikotkur .. { 1304 ..	4,676	510	392	964	20,736	92	20,644
	4,494	831	208	485	18,345	18	18,327
	Difference ..	- 182	+ 321	- 184	- 479	- 2,391	- 74
Total .. { 1304 ..	10,579	3,604	1,294	1,606	57,685	301	57,384
	10,632	2,801	994	1,136	46,740	43	46,697
	Difference ..	+ 53	- 803	- 300	- 470	- 10,945	- 258
<i>Cuddapah.</i>							
Cuddapah { 1304 ..	6,886	438	2,192	156	33,859	1,603	32,256
	6,792	506	2,826	249	35,793	1,520	34,273
	Difference ..	- 94	+ 68	+ 634	+ 93	+ 1,934	- 83
Proddatur .. { 1304 ..	2,931	2,181	87	1,611	23,462	104	23,358
	2,831	3,030	4	1,078	21,928	85	21,843
	Difference ..	- 100	+ 899	- 83	- 533	- 1,534	- 19
Jammalamadugu .. { 1304 ..	5	20	..	..	113	6	108
	15	9	..	..	129	8	121
	Difference ..	+ 10	- 11	..	..	+ 16	+ 3
Total .. { 1304 ..	9,822	2,589	2,279	1,767	57,434	1,712	55,722
	9,538	3,545	2,830	1,327	57,850	1,613	56,237
	Difference ..	- 184	+ 956	+ 551	- 440	+ 416	- 99
Grand Total .. { 1304 ..	20,401	6,193	3,573	3,373	1,15,119	2,013	1,13,106
	20,270	6,346	3,824	2,463	1,04,590	1,656	1,02,934
	Difference ..	- 131	+ 153	+ 251	- 910	- 10,529	- 357

APPENDIX IV.
STATEMENT showing the total area actually irrigated by flow or lift under Classes I and II works and the quantity and value of crops raised thereon during 1895-96.

Name of system.	Area irrigated.						Area cultivated with different crops.													
	First crop.			Second crop.			Both seasons.	Paddy.					Ragi.					Other crops.		
	Flow.	Lift.	ACS.	Flow.	Lift.	ACS.		Total.	ACS.	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.
2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18				
CLASS I WORKS.																				
1. Gólavari delta ..	571,932	8,370	117,875	3,563	701,740	9,430	530,599	244,408	1,08,13,115	20.4	1,453	407	15,438	10.6	134,790	22,47,021	16.7			
2. Kistna do. ..	496,243	3,953	198	63	500,437	13	487,574	222,323	1,00,69,861	21.5	1,615	221	8,557	5.3	4,374	79,270	18.1			
3. Cauvery do. ..	816,487	41,862	93,467	4,169	955,975	4,805	907,265	505,967	2,34,40,263	25.8	19,339	4,421	1,67,479	8.7	28,623	3,79,458	13.3			
4. Pennér anikat ..	64,232	666	2,236	..	67,134	6	63,886	25,050	12,44,169	19.5	953	117	4,515	4.7	2,120	9,962	4.7			
5. Sangam do. ..	70,053	875	3,788	..	74,718	95	69,823	26,671	14,24,014	20.4	1,057	165	6,367	6.0	3,472	28,302	8.2			
6. Srivaikuntam anikat ..	17,449	1,005	10,910	375	31,739	562	18,308	4,194	2,61,869	14.3	248	18	970	3.9	7,811	56,850	7.3			
7. Barar tank project ..	2,433	31	112	..	3,401	228	29,664	1,223	68,884	23.2	189	25	1,011	5.3	248	2,362	10.3			
8. Rushikulya do. ..	84,771	987	111	..	85,870	..	85,551	21,572	6,81,253	19.2	140	31	1,132	8.1	179	8,631	48.2			
9. Kurnool-Cuddapah canal ..	25,578	228	6,198	46	32,045	226	18,736	8,032	3,96,851	21.2	1,646	272	9,990	6.1	11,645	4,23,335	36.4			
CLASS II WORKS.																				
10. Pálar anikat ..	69,019	1,250	25,362	261	95,892	631	82,828	27,557	13,80,480	16.7	7,389	762	31,834	4.3	5,246	28,875	5.5			
11. Pelandora anikat ..	8,471	23	111	..	8,605	45	8,332	2,813	1,28,607	15.4	138	21	796	5.8	135	4,336	82.1			
12. Chembarambakkam tank ..	10,892	156	2,139	28	13,215	597	10,748	2,350	1,23,452	11.5	903	88	4,275	4.7	1,220	40,324	33.1			
13. Madras water-supply and irrigation extension project ..	6,724	273	2,177	83	9,257	70	8,027	2,050	1,07,692	13.4	521	59	2,866	5.5	709	7,024	9.9			
14. Ombum tank ..	5,411	38	8,762	2	9,213	470	5,991	3,074	1,51,362	25.3	435	78	3,064	7.0	2,783	41,566	14.9			
15. Thadapalli channel ..	13,702	234	490	100	14,526	250	13,713	7,406	4,37,428	31.9	31	4	166	5.4	777	23,539	30.3			
16. Arkankottai do. ..	8,957	46	922	..	4,047	26	3,922	2,631	1,55,397	39.2	10	2	83	8.3	75	1,943	25.9			
17. Kalingarayen do. ..	9,245	1,936	8,100	1,566	20,847	587	16,035	9,784	5,77,882	36.0	2,047	306	12,710	6.2	2,765	87,695	31.7			
18. Vallúr anikat ..	4,055	400	111	20	4,586	36	4,110	900	47,280	11.5	79	6	291	3.7	382	1,842	3.4			
19. Cheyáru do. ..	20,469	479	12,869	244	34,061	51	29,826	11,693	5,78,133	19.4	2,755	283	11,449	4.2	1,473	6,031	4.1			
20. Poincy do. ..	19,575	431	4,775	112	24,894	191	18,523	6,561	3,24,393	17.5	3,987	392	15,858	4.0	2,337	17,291	7.4			
21. Lower Coleroon anikat ..	103,639	1,976	3,986	224	109,825	303	107,309	55,378	25,37,443	23.6	3,892	173	6,530	7.3	1,510	17,023	11.3			
22. Shatitope do. ..	27,845	394	3,674	83	31,996	23	29,680	12,651	5,73,956	19.3	1,810	237	8,986	6.9	907	14,253	15.7			
23. Viddhachalam do. ..	5,758	32	204	..	5,994	13	5,809	2,503	1,14,435	19.7	67	11	417	6.2	118	8,374	28.6			
24. Mehmatur do. ..	3,653	16	76	..	3,445	18	3,343	1,477	67,527	20.2	47	8	303	6.4	55	2,360	42.9			
25. Marudur do. ..	16,812	295	11,440	168	28,715	809	18,389	5,287	3,30,115	17.9	273	23	1,239	4.5	3,938	30,285	7.7			
26. Tirukóyilár do. ..	21,931	473	2,054	421	24,460	286	22,305	9,180	4,19,700	18.8	1,090	238	9,024	8.3	1,007	32,816	32.6			
27. Ganjam minor rivers system ..	52,654	3,595	4,587	421	61,257	72	56,718	32,857	10,37,638	18.3	713	71	2,593	3.6	3,800	13,677	3.6			
28. Nandiyar channel ..	3,663	140	1,390	74	5,267	122	3,754	1,660	83,204	22.2	915	120	4,873	5.3	598	17,012	28.4			

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.

APPENDIX IV.
STATEMENT showing the incidence of water-rate under Classes I and II works for fasli 1205 (1895-96).

	Government.										Zemindari.									
	First crop.										Second crop.									
	Government.					Zemindari.					Government.					Zemindari.				
	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 of dry crops irrigated.	Water-rate of dry crops irrigated.	Rate per acre.	Extent of dry crops irrigated.	Water-rate of dry crops irrigated.	Rate per acre.	Extent of dry crops irrigated.	Water-rate of dry crops irrigated.	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	15	16	17	18			
CLASS I WORKS.																				
1. Gódvári delta ..	284,228	13,63,103	4.80	9,751	24,483	2.51	54,939	34,297	1,74,433	5.09	1,903	407	15,438	10.6	134,790	22,47,021	16.7			
2. Kistna do. ..	299,659	14,80,598	4.84	4,686	19,481	4.25	18,163	73,980	3,70,313	5.00	3,779	221	8,557	5.3	4,374	79,270	18.1			
3. Cauvery anikat ..	750,721	36,91,366	4.92	25,199	77,207	3.66	413	..	..	..	..	4,421	1,67,479	8.7	28,623	3,79,458	13.3			
4. Pennér do. ..	51,382	2,31,990	4.52	651	2,084	3.20	..	..	..	..	..	117	4,515	4.7	2,120	9,962	4.7			
5. Sangam do. ..	62,783	2,87,468	4.58	651	2,084	3.20	..	..	..	..	..	165	6,367	6.0	3,472	28,302	8.2			
6. Srivaikuntam anikat ..	20,404	1,27,201	6.23	243	813	3.35	103	728	2,853	3.92	10	18	870	3.9	7,811	56,850	7.3			
7. Barur tank project ..	2,395	8,647	3.75	16	52	3.25	..	..	..	..	..	25	1,011	5.3	248	2,362	10.3			
8. Rushikulya do. ..	20,069	38,688	1.93	809	1,829	2.26	617	4,290	8,948	2.09	..	31	1,132	8.1	179	8,631	48.2			
9. Kurnool-Ondrapah canal ..	14,157	52,381	3.70	4,666	8,148	1.75	..	..	..	..	..	272	9,990	6.1	11,645	4,23,335	36.4			
CLASS II WORKS.																				
10. Pálar anikat ..	62,362	2,01,219	3.23	1,355	2,407	1.78	..	..	..	..	..	762	31,834	4.3	5,246	28,875	5.5			
11. Pelandora anikat ..	7,928	30,147	3.80	65	239	3.68	..	..	..	..	..	21	796	5.8	135	4,336	82.1			
12. Chembarambakkam tank ..	10,908	37,922	3.48	73	185	2.53	..	..	..	..	..	88	4,275	4.7	1,220	40,324	33.1			
13. Madras water-supply and irrigation extension project ..	5,808	15,662	2.70	23	36	1.57	133	..	..	..	..	59	2,866	5.5	709	7,024	9.9			
14. Ombum tank ..	3,768	23,323	6.21	22	45	2.05	..	..	..	..	..	78	3,064	7.0	2,753	41,566	14.9			
15. Thadapalli channel ..	13,398	98,282	7.34	149	509	3.42	..	..	..	..	..	4	166	5.4	777	23,539	30.3			
16. Arkankottai do. ..	3,917	26,820	6.85	29	92	3.17	..	..	..	..	..	2	83	8.3	75	1,943	25.9			
17. Kalingarayen do. ..	8,282	58,206	7.03	1,384	4,131	2.98	..	..	..	..	..	306	12,710	6.2	2,765	87,695	31.7			
18. Vallúr anikat ..	2,216	6,210	2.80	42	78	1.86	..	..	..	..	..	6	291	3.7	382	1,842	3.4			
19. Cheyáru do. ..	19,551	62,521	3.20	358	1,151	3.21	..	..	..	..	..	283	11,449	4.2	1,473	6,031	4.1			
20. Poincy do. ..	18,874	68,384	3.62	388	1,151	3.21	..	..	..	..	..	392	15,858	4.0	2,337	17,291	7.4			
21. Lower Coleroon anikat ..	96,809	3,64,254	3.76	1,384	2,423	1.75	..	..	..	..	..	173	6,530	7.3	1,510	17,023	11.3			
22. Shatitope do. ..	26,388	96,542	3.58	989	3,091	3.31	..	..	..	..	..	237	8,986	6.9	997	14,253	15.7			
23. Viddhachalam do. ..	6,734	22,549	3.93	14	41	2.93	..	..	..	..	..	11	417	6.2	118	8,374	28.6			
24. Mehmatur do. ..	3,104	13,541	4.36	1	3	3.00	..	..	..	..	..	8	303	6.4	55	2,360	42.9			
25. Marudur do. ..	16,845	1,16,657	6.93	35	115	3.29	..	..	..	..	..	23	1,239	4.5	3,938	30,285	7.7			
26. Tirukóyilár do. ..	20,385	82,765	3.94	363	912	2.73	..	..	..	..	..	238	9,024	8.3	1,007	32,816	32.6			
27. Ganjam minor rivers system ..	37,962	97,424	2.57	51	88	1.73	3,257	..	..	..	..	71	2,593	3.6	3,800	13,677	3.6			
28. Nandiyar channel ..	3,254	9,993	3.07	24	44	1.83	..	..	..	..	..	120	4,873	5.3	568	17,012	28.4			

Statement showing the incidence of water-rate under Classes I and II works for faali 1305 (1895-96)—cont.

	First crop—cont.					Second crop.				
	Inam.					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.
	15	16	17	18	19	20	21	22	23	24
	ACS.	ACS.	RS.	RS.	ACS.	RS.	RS.	ACS.	ACS.	RS.
CLASS I WORKS.										
1. Gódvári delta ..	73,223	119,180	5,97,766	5-09	8,059	23,812	2-05	54	121,734	3,75,403
2. Kistna do. ..	38,433	65,419	3,34,042	5-11	4,897	22,549	4-68	..	261	1,218
3. Canvery anikat ..	100,109	2,934	26,270	3-98	3,622	11,432	3-16	7,296	93,477	3,49,396
4. Pennér do. ..	13,523	4,425	11,727	4-00	262	812	3-21	..	2,236	6,067
5. Sangam do. ..	10,289	4,425	5,695	4-00	203	660	3-20	4	3,788	10,857
6. Srivaikuntam anikat ..	1,135	408	1,726	4-23	5	18	3-60	565	17,593	56,646
7. Barur tank project ..	1,130	41	1,162	3-95	44	176	4-00	139	1,843	5,646
8. Rushikotya do. ..	4,172	5,493	11,465	2-08	361	771	2-14	..	112	1,778
9. Kurnool-Uddapah canal ..	..	6,113	23,332	3-82	1,680	3,035	1-81	..	6,287	17,694
CLASS II WORKS.										
10. Pálar anikat ..	11,663	172	561	3-26	314	241	0-77	4,305	24,667	59,941
11. Polandorai anikat ..	2,267	476	1,505	4-00	15	67	4-47	..	113	319
12. Chembrambakam tank ..	2,001	4	17	4-25	9	29	3-22	230	2,413	7,095
13. Madras water-supply and irrigation extension project ..	1,452	17	53	3-12	6	17	2-83	440	1,820	3,549
14. Cumbum tank channel ..	1,754	10	55	5-50	2	7	3-50	1,228	3,224	12,497
15. Thadapalli do. ..	471	193	785	4-07	3	10	3-33	..	968	2,209
16. Amankottai do. ..	103	65	265	4-08	2	6	3-00	..	44	130
17. Kalligaraven do. ..	747	173	801	3-11	42	2,297	3-69	746	9,670	36,280
18. Vallara anikat ..	2,840	27	84	3-11	47	177	1-86	..	131	311
19. Cheyáru do. ..	1,820	176	544	3-11	42	147	3-13	1,761	13,365	22,349
20. Poiney do. ..	2,060	48	176	3-07	89	177	1-99	184	4,786	12,737
21. Lower Coleroon anikat ..	8,321	931	3,698	3-97	116	367	3-16	134	4,077	12,971
22. Shattope do. ..	1,585	222	878	3-95	24	82	3-42	..	3,776	11,054
23. Vridhachalam do. ..	105	46	183	3-98	11	46	4-18	..	204	621
24. Mehmattur do. ..	672	230	919	4-00	15	59	3-93	..	76	281
25. Marudur do. ..	1,497	216	783	3-67	79	315	3-99	465	15,814	68,632
26. Tinkkóyár do. ..	14,635	410	875	2-13	35	101	2-89	18	2,038	6,116
27. Ganjam minor rivers system ..	43	24	91	3-79	563	1,938	3-18	..	1,526	9,726
28. Nandyar channel ..	..	..	..	..	..	..	..	..	..	3,464

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 1896.

Description of crop.	Gódvári and Kistna anikats.			Kurnool-Uddapah canal.			Srivaikuntam and Masurur 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.	
1. Single wet crop irrigated ..	RS. A. P. 5 0 0	3 12 0	..	RS. A. P. 3 0 0	3 0 0	..	RS. A. P. 3 0 0	3 0 0	..	RS. A. P. 3 0 0	3 0 0	..	RS. A. P. 3 0 0	3 0 0	..
2. Second wet crop or irrigated lands ..	5 0 0	3 12 0	..	3 0 0	3 0 0	..	3 0 0	3 0 0	..	3 0 0	3 0 0	..	3 0 0	3 0 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	..	..	1 0 0	0 12 0	..	..	..	..	..	..	..	..	..	..
6. Single dry crops ..	2 8 0	1 14 0	..	1 0 0	0 12 0	..	..	..	..	..	..	..	..	..	..
7. Second dry crop on irrigated land ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
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 (failed or coarse paddy) ..	..	..	..	2 0 0	1 8 0	..	..	..	..	..	..	..	..	..	..
11. Single wet crop on— (a) Wet or manual 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 defined 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 ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
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 ..	..	..	..	..	..	..	..	..	..	3 0 0	2 4 0	..	..	..	..
20. Sugarcane, betel, cocoanuts, plantains, &c., on dry land requiring water longer than an ordinary wet crop ..	..	..	..	..	..	..	..	..	..	1 8 0	1 2 0	..	..	..	..
21. Dry crop watered, whether first or second ..	..	..	..	..	..	..	..	..	..	4 8 0	3 6 0	..	..	..	..

Note.—The increase compared with the previous year in the figures shown against Gódvári and Kistna anikats is due to enhancement of water-rate sanctioned in G.O., No. 562, Revenue, dated 2nd August 1894.

APPENDIX VII.

ABSTRACT statement showing the demand, collection and balance under the Kurnool-Cuddapah canal for the official year 1895-96.

Items.	Cuddapah district.	Kurnool district.	Total.
Uncollected balance on 1st April 1895	Rs. 35,401	Rs. 23,609	Rs. 59,010
Net demand for the fasli year 1305 (1895-96) exclusive of remissions	56,237	† 51,770	1,08,007
Total ..	91,638	75,379	1,67,017
Collections including collection charges at 5 per cent. during the official year 1895-96	72,225	65,961	1,38,186
Sums written off as irrecoverable during the official year 1895-96	..	..	..
Total ..	72,225	65,961	1,38,186
Uncollected balance on 1st April 1896	19,413	9,418	28,831

* Difference between this and the balance shown in the last year's return is due to the adoption of revised figures.
† Exclusive of Rs. 3,500, value of water supplied to 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 1305.
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
1. Single wet crop irrigated	ACS. 7,344.08	Rs. A. P. 4 0 0	Rs. A. P. 29,376 5 7	..	..	..	Rs. A. P. 29,376 5 7	..
Mundlavari	..	3 0 0	74 9 4	..	..	..	74 9 4	..
2. Second wet crop irrigated	..	3 0 0	8,537 8 0	..	..	..	8,537 8 0	..
3. If compounded for two crops for a term of not less than five years.	..	3 0 0	1,911 4 4	..	..	..	1,907 3 1	..
4. Sugarcane, betel, plantains and other garden produce.	..	..	..	..	..	..	..	..
5. Turneric	..	..	..	..	..	..	..	..
6. Single dry crop	..	6 0 0	1,135 11 0	..	..	..	1,135 11 0	..
7. Second dry crop irrigated	..	4 8 0	303 11 3	..	..	..	303 11 3	..
8. Dry crops whether first or second crop grown on land for which irrigation has never been supplied, or if supplied, discontinued.	..	1 0 0	1,414 11 0	..	..	..	1,414 11 0	..
9. Garden crops (class 2) of the Madras Irrigation Canal Company's rules.	..	0 12 0	1 6 7	..	..	..	1 6 7	..
10. Canal A and B class lands	..	0 12 0	942 2 11	..	..	..	942 2 11	..
11. Lands given on favourable terms under paragraph 2 of G.O., No. 448 I., dated 6th June 1882.	..	0 12 0	19 14 7	..	..	..	19 14 7	..
12. Lands given on favourable terms under paragraph 3 of G.O., No. 448 I., dated 6th June 1882.	..	..	..	..	..	..	..	..
13. Water supplied to indigo crops	..	..	..	..	..	..	..	..
14. Do.	..	..	..	..	..	..	..	..
15. Penalty	..	..	..	..	..	..	..	..
16. Canal water supplied to tanks, Nandyal taluk	..	..	..	..	..	..	..	..
17. Water supplied to Kurnool Municipality	..	..	..	..	..	..	..	..
Total ..	15,562 72	..	55,313 6 0	..	..	42 15 3	55,270 6 9	..

APPENDIX VIII—cont.

Statement showing the particulars of cultivation, revenue, demand and remission under the Kurnool-Cuddapah canal in the district of Cuddapah for fasli 1305.
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.		
1. Single wet crop on irrigated land .. { Flow .. Penal rate, i.e., 1½ times .. { Lift ..	7,409-15 726 174-77 50-00 2-55	RS. A. P. 4 0 0 3 0 0 6 0 0 1 8 0 3 0 0	RS. A. P. 29,646 2 11 21 13 0 1,049 6 0 75 0 0 7 15 8	..	..	..	RS. A. P. 29,646 2 11 21 13 0 1,049 6 0 75 0 0 7 15 8	* 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, dated 11th January 1894, No. 20.
2. Second crop on irrigated land .. { Flow .. Penal rate, i.e., 1½ times .. { Lift ..	..	..	..	..	..	..	..	
3. Composition for two crops for a term of not less than five years. { Flow .. Sugarcane, betel garden and other garden produce remaining on the ground for the time of two crops. { Lift ..	..	..	..	..	..	..	..	
4. Sugarcane, betel garden and other garden produce remaining on the ground for the time of two crops. { Flow .. Penal rate, i.e., 1½ times .. { Lift ..	..	..	..	..	..	..	..	
5. Single dry crops .. { Flow .. Penal rate .. { Lift ..	44-85 0-71 1,477-59 2-43 283-98 144-35 0-38	6 0 0 9 0 0 1 0 0 0 12 0 1 8 0 2 0 0 3 0 0	269 5 3 1,478 8 10 435 5 7 289 0 6 1 2 3	..	..	..	..	
6. Second dry crop if not compounded .. { Flow .. Penal rate .. { Lift ..	..	..	..	..	..	..	..	
7. Dry crops on land for which irrigation has never been supplied, or if supplied, discontinued. { Flow .. Penal rate .. { Lift ..	..	..	..	..	..	..	..	
8. Garden crops (garden ragi, onion, chillies, sweet potatoes, tobacco, maize, garden korra, indigo, brinjals, wheat cummin seed, bariga, mentulu). Class 2 of Madras Irrigation and Canal Company's rule. { Flow .. Penal rate .. { Lift ..	5,727-14 183-98 357-15 5-37 187-92	3 0 0 2 4 0 4 8 0 3 6 0 ..	17,189 8 2 413 1 5 1,607 7 0 415 13 0	..	..	..	..	
9. Charge on wet lands under dasabandam wells, viz., lift allowance credited to canal. { Flow .. Value of water supplied to Government tanks. { Lift ..	..	..	..	..	..	..	..	
10. Cows .. { Flow .. Charge made in the second five years at 8 annas an acre on 147-86 acres taken on block rate in Jammalamadugu as per rule 3 in the appendix to Board's Standing Order No. 4. { Lift ..	710-08 462-24 74-21 0-75 24-01	4 0 0 3 0 0 1 0 0 3 0 0 2 4 0	485 9 0 2,841 1 0 1,392 1 0 74 5 0 2 4 0 73 15 0	..	..	..	..	
Total ..	17,340 9 8	..	57,849 15 7	..	1,612 13 0	1,612 13 0	56,237 2 7	

Proceedings of the Board of Revenue (Revenue Settlement, Land Records and Agriculture), dated 25th November 1896, Mis. No. 5992.

Read—the following letter from the Collector of Kurnool, dated 9th November 1896, Dis. No. 1741/Ver.:—

With reference to the last sentence of paragraph 5 of Board's Proceedings, No. 267, dated 8th October 1896, I have the honour to report that the decrease in the cultivated area under canal during fasli 1305 was due to (1) seasonable rains, in consequence of which canal water was taken for dry crops to a smaller extent.

2. Combination among the ryots of some of the canal villages in the Nandikotkur, Nandyal and Koilkuntla taluks who raised unirrigated dry crops instead of paddy under the mistaken impression that the lands would be converted into wet at the resettlement (vide paragraph 18 of Jamabandi report, No. 1570/Ver. of 1896, dated 5th October 1896.

Resolution—dated 25th November 1896, Mis. No. 5992.

Submitted to Government, Public Works Department, in continuation of the Board's Proceedings quoted by the Collector.

(True Copy and Extract.)

(Signed) R. V. SRINIVASAR,
Secretary.

ORDER—No. 303 I., dated 22nd March 1897.

Communicated to the officers concerned for information.

(True Extract.)

(Signed) W. HUGHES,
Joint Secy. to Government,
Irrigation Branch.

To the Chief Engineer for Irrigation.

T.R.S.

" Superintending Engineers.
" the Superintending Engineer, Special Duty,
Cauvery Completion Estimates.
" the Examiner, Public Works Accounts.
" the Revenue Department.

Etd. T. K. Narayana Aiyangar.

Public Works (1897) Department
 PROCEEDINGS OF THE MADRAS GOVERNMENT.

Spinyard
Account
Under date the
Encl.

Read the following

North
Print
16/3/97
 The Chief Eng for Inspector No 52 I
 9 6 March 197

38 39

104 13.3.97

Communicated
 to the officers con-
 cerned for information

29

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Issue

104 18.3.97

104 16/3/97

To
 The Chief Eng for I.
 Dr. T. R. S.
 Supg Engrs
 Supg Eng, Special Duty,
 C. C. Engineer
 E. P. W.
 Res Dept.

24/4/97

104 11/3/97 18/12 3-97

104 18/12

Contract

A 507 m
20.8.96



37

Proceedings of the Board of Revenue
(Revenue Settlement, Land Records and Agriculture),
Dated 20th August 1896.

No. 4108 m.

READ Letter from the Chief Engineer for Irrigation
dated 12th August 1896 No. 344 m.

Resolution

Communicated to the Collector of
Kistna who is requested to submit
see the explanation called
in the Board's Proceedings
the Chief Engineer for Irrigation
(Done Subrao)

J. Saccabalingam

for Secretary

20
The Collector of Kistna
Copy to the Chief Engineer for Irriga

corresponding figures of the previous year. The total area irrigated was 6.33 millions of acres, the irrigation revenue was Rs 205.57 lakhs & the working expenses amounted to Rs 37.91 lakhs against 6.21 millions of acres Rs 191.91 & Rs 37.27 lakhs in the previous year, respectively. Compared with the previous year there was an improvement in the areas irrigated under & the revenue derived from class I, II & IV works, while the working expenses were proportionately less than in the previous year. The area irrigated under class I works was less, the revenue derived therefrom the

28

working expenses incurred thereon being more than in the previous year.

Class I. Major (Producing) Works Systems.

3. Godavari delta system. The areas irrigated under 1st crop in all the three sections of the delta, except those under the Cocanada & Kovur-Mungir junction canals in the Eastern section, were less than in the previous year, the net total decrease being 97,134 acres, which is attributed to the relinquishment of irrigation in consequence of the enhancement of the water rate. There was an improvement in the area irrigated under 2nd crop of 20,747 acres. The increase occurred in the Central & Western

latter better than in the preceding year. The remissions granted amounted to Rs 3568 & Rs 8646 against Rs 5233 & Rs 14295, respectively, in the previous year.

6. Kurnool Cuddapal canal. The area irrigated under this canal was 32,903 acres, or 657 acres less than in the previous year, the decrease is ascribed to —

(1) Seasonable rains in consequence of which canal water was taken for dry crops to a smaller extent, &

(2) Combination among the ryots of some of the canal villages in the Kurnool D.C. who raised unirrigated dry crops instead of paddy under the

4 P.

mistaken impression is that the lands would be converted into wet ^{rk.} at the resettlement. The unrealised demand under at the beginning of the year was Rs 59,010; at the close of the year 96, Rs 28,831 remained to be collected.

7. Barur tank system. The area irrigated under both first & second crops amounted to 4,219 acres, or 257 acres below the extent irrigated in the preceding year. The decrease resulted in a loss of Rs 818 in the revenue derived.

8. Canvey delta system. The areas irrigated under first & second crops were 131 acres & 2,657 acres, respectively, less, & the revenue derived was

Rs 164,968 more than
in the previous year.
The increase in revenue
represents chiefly the
annual increment of
the settlement assessment
falling due in the
year. Remissions to the
extent of Rs 9375 were
granted during the
year against Rs 11,572
in the previous year.

9. Trionikuntham
ancient system. Compared
with the figures of the
previous year, there was
a decrease in the
area irrigated of 4,611
acres & in the revenue
derived therefrom
of Rs 18,817, owing to
heavy rains in Dec/95
& consequent floods
which necessitated
the grant of large
remissions, amounting
to Rs 34,018 against

Rs 15,671 in the previous
year.

58
Major (Protective) work.

10. Ruchikulya project.
The area irrigated under
this project was extended
from 27,389 acres in 1894-95
to 35,917 acres in 1895-96,
the increase in revenue
resulting from the
extension being Rs 16,381.

Class II Works. Minor
works for which Capital
& Rev. Accounts are kept.

11. There was an
increase of 11,670 acres
in the total area
irrigated under these
systems & of Rs 35,586
in the revenue derived
therefrom. The Nandya
channel in the Trichin-
poly D.C., under which
the area irrigated &
the revenue derived
were 5434 acres &
Rs 15,529 respectively
was included in the

111 6/3/57