(1) பக்கங்களின் எண்ணிக்கை 112

(2) புதுக்கித் திருப்பிய நாள் ஆகஸ்டு 1988

(3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம்

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

பொதுப்பணி துறை

அரசாணை எண். / மு. கோப்புத் தாள் எண். 3574 W அச்சகம் / பலவகை

நாள் : 10 . 11 . 1888 ~~198~~ .

அபர

க்கவோ கண்டபடி கையாளவோ கூடாது

3574

10th November 1888, No. 3574 W., Public Works.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General
Establishment.

Read—the following paper:—

From Colonel H. SMALLEY, R.E., Superintending Engineer, III Circle, to the Chief Engineer, Public Works Department, dated Bellary, 2nd November 1888, No. 1696.

I have the honor to report that the distribution of the upper subordinates in the Bellary division is at present as follows, viz.—

(1) Lieutenant Nicholson, Assistant Engineer, in charge Anantapur sub-division.
(2) Sergeant Temple, Sub-Engineer, attached officer, Head-quarters sub-division.
(3) Sergeant Macintosh, Supervisor, in charge Bellary sub-division.
(4) Mr. Lazarus, Supervisor, attached officer, Bellary sub-division, Hospet.
(5) Munesawmy Mudaliar, Overseer, do. do. Harpanahalli.

There are now only five upper subordinates, Overseer Sergeant Rule's place having been filled up by Sawminatha Iyer, Sub-Overseer. The lower subordinates are distributed thus—

Sub-Overseer D. Sawminatha Iyer, Head-quarters sub-division.
" C Lawrence, Bellary sub-division.
" Kolundavelu Mudaliar, do. but in charge Gooty.
" Subramania Iyer, Anantapur do. (not joined).

2. There has been a difficulty in filling up the Penukonda charge of the Anantapur district since Overseer Sergeant Ruck's transfer to the Potinghi ghât on account of frequent changes. Sergeant Temple having been obliged to take three months' leave for bad health in July, it was necessary to retain Sergeant Rule (who was under orders for Penukonda) at Bellary, and hence Penukonda has been without an upper subordinate for some months. The Gooty portion of the Anantapur district has been hitherto looked after by the Bellary sub-division officer and a lower subordinate has been in charge. In future, it will be looked after by the Anantapur sub-division with the aid of a lower subordinate.

3. As soon as the present Executive Engineer has made himself acquainted with the Tungabhadra channels in Supervisor Lazarus' company, the latter will be posted to Penukonda and the Anantapur sub-division will then be officered by Lieutenant Nicholson, Assistant Engineer in charge; Mr. Lazarus, Supervisor, Penukonda; Subramania Iyer, Sub-Overseer, Anantapur and Gooty—which is the best arrangement that can be made.

4. The Executive Engineer has been directed to inspect the Anantapur sub-division at least once a quarter.

5. I may add that I have inspected the Anantapur sub-division last month and found the large tanks—Singanamala, Dhurmaverum, Bukapatam, Purgi, Hindupur, Anantapur, Yerratimmaraz, Pathakothacheruvu, Royalchervu, Chilmatur—in very good order.

ORDER—dated 10th November 1888, No. 3574 W., Public Works.

Communicated to the Revenue Department with reference to G.O., No. 3168 W., dated 9th October 1888.

(True Extract.)

Captain, R.E.,
Under-Secy. to Govt., P.W.D.

To the Chief Engineer for Irrigation.
" Superintending Engineer, III Circle.
" Examiner, Public Works Accounts.
" Revenue Department.

Exd. J. Henricus.
Spare Copies

GENERAL.
ESTABLISHMENT.

Govt. of (1888) Madras.

PUBLIC WORKS.

Dated November, 10th.

Recd. *Encl.*

G.O., 10th Nov. 1888, No. 3574 W.

NOVEMBER.

Establishment

Distribution proposed by the Superintending Engineer, III Circle, of the Engineering establishment of the Bellary division between the Bellary and Anantapur districts, communicated to the Revenue Department.

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12TH MARCH 1888, No. 190 I., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Irrigation.
Account.

READ—the following papers :—

From the Collector of Kurnool, dated 14th September 1887, No. 80.
From the Collector of Cuddapah, dated 7th November 1887, No. 6677.
Proceedings of the Board of Revenue (Settlement, Land Records and Agriculture), dated 9th September 1887, Mis. No. 2239.
Do. do. " 4th October " " 2476
Do. do. " 21st " " " 2669
Do. do. " 2nd November " " 2780
Do. do. " 15th " " No. 449, Press.
Do. do. " 13th February 1888 " 65, Press.
Note by the Chief Engineer for Irrigation, dated 24th February 1888, No. 35 I.

ORDER—dated 12th March 1888, No. 189 I., Public Works.

Communicated to the officers concerned.

2. Orders will be issued in the Revenue Department on the suggestions made in paragraphs 9, 16 and 18 of the note by the Chief Engineer for Irrigation.

3. The Superintending Engineers, I and II Circles, will report, at an early date, to what extent the assumed areas of ultimate irrigation under each of the canals in the Godávari and Kistna deltas require modification.

4. Ordered that a copy of these proceedings be forwarded to the Government of India for information.

(Here enter No. 190 I., dated 12th March 1888.)

(True Extract.)

(Signed) H. R. MEAD, Colonel, R.E.,
Joint Secy. to Govt., P.W.D.,
Irrigation Branch.

To the Chief Engineer for Irrigation.
To all Superintending Engineers.
To the Examiner, Public Works Accounts.
" Revenue Department.

ENDORSEMENT—dated 12th March 1888, No. 190 I., Public Works.

Forwarded.

(Signed) H. R. MEAD, Colonel, R.E.,
Joint Secy. to Govt., P.W.D.,
Irrigation Branch.

Exd. J. Moses.
Spare Copies

IRRIGATION.
ACCOUNT.

Govt. of (1888) Madras.

PUBLIC WORKS.

Dated March, 12th.

Recd. *Encl.*

G.O., 12th March 1888, No. 190 I.

MARCH.

Irrigation Revenue

Copy of orders on note by the Chief Engineer for Irrigation submitting statements showing the amount of water-rates assessed on lands irrigated under the Kurnool canal and the — derived from all other works for 1886-87, forwarded to the Government of India.

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GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

Read—the following papers:—

G.O., dated 20th September 1888, Mis. No. 5616, Revenue.

No. 149 I.

Note by the Chief Engineer for Irrigation.

With reference to Mis. G.O., No. 5616, dated 20th September 1888, transferring the Revenue Board's Proceedings, No. 742, dated 28th August 1888, to the Public Works Department, I have to point out that the Board are mistaken in supposing that Anantapur is of more importance in an irrigation point of view than Bellary; they are practically the same.

The following show the number of works in each district, the total revenue received from them and the area irrigated under 1st crop in 1886-87. The former is taken from Mr. Russell's List of Imperial Works sanctioned in G.O., No. 407 I., dated 6th July 1887, and the latter from page 87 of the enclosures of G.O., No. 190 I., dated 12th March 1888:—

Bellary.

11 Channels.
76 Tanks.
—
87 Works irrigated 30,950 acres.
1st Crop—Revenue Rs. 1,76,762.

Anantapur.

100 Tanks irrigated 47,879 acres.
1st Crop—Revenue Rs. 1,89,428.

2. Again in a famine point of view, the question of the upkeep of 100 tanks can have little or no weight, as in famine there would be little or no supply received by most of the tanks.

3. As Chief Engineer for Irrigation, I consider the two districts are practically the same as regards the importance of the irrigation works in them.

The establishment allowed in the Bellary division which comprises Bellary and Anantapur districts is—

1 Executive Engineer,
6 Subordinates,

and this establishment is now in the division. The head-quarters is necessarily in Bellary as the Executive Engineer has charge of the military buildings, &c., at that station, and I can see no advantage to the irrigation in the division for it to be moved to Anantapur.

4. I would gladly see the strength of the department strengthened in Bellary division, but do not see how it can be done with the present grants and establishment and with the claims of other and more important divisions where the irrigation is much greater and necessarily the grants and expenditure more.

I am not aware that Anantapur is neglected, but the Superintending Engineer's attention should be called to the Collector's remarks and he should see that that district gets its share of both grants and establishment, and also that the Executive Engineer makes tours in the Anantapur sub-division and in no way neglects that portion of his charge.

Ootacamund,
26th September 1888.

(Signed) H. R. MEAD, Colonel, R.E.,
Chief Engineer for Irrigation.

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

Order—dated 9th October 1888, No. 3168 W., Public Works.

The Right Honorable the Governor in Council regrets that the establishment in the Bellary division cannot be now increased, but the Superintending Engineer's attention is called to the Collector's remarks and he should see that the Anantapur district is given its share of both grants and establishment, and also that the southern portion of the district is in no way neglected. He will report how the six subordinates are distributed between Bellary and Anantapur.

(True Extract.)

(Signed) J. O. HASTED, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Chief Engineer for Irrigation.
" Superintending Engineer, III Circle.
" Examiner, Public Works Accounts.
" Revenue Department.

Exd. J. Henricus.
Spare Copies

14/5

GENERAL.
ESTABLISHMENT.

Govt. of {1888} Madras.

PUBLIC WORKS.

Dated October, 9th.

Recd. *Encl.*

G.O., 9th Oct. 1888, No. 3168 W

OCTOBER.

Establishment

Orders on note by the Chief Engineer for Irrigation remarking on Board's Proceedings on letter from the Collector of Anantapur bringing to notice the inadequate Engineering staff for the district.

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Appendix to Proceedings of Government, No. 189 I., dated 12th March 1888.

No. 80.

FORM E, KURNOOL DISTRICT.

STATEMENT showing the full demand remissions and net demand on account of water supplied for irrigation from the Madras Irrigation Canal for the year 1886-87 (fasli 1296).

Description of cultivation.		Extent of irrigation.	Rate per acre.	Full demand.	Remissions.			Net demand.	Remarks.
					Failure of crops by excess or deficiency of water.	Other causes.	Total.		
		ACS. CTS.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	
1. Single wet crop on irrigated land ..	Flow ..	4,610 17	4 0 0	18,794 12 3	2,548 11 0	..	2,548 11 0	16,246 1 3	The increase, as compared with the previous year's return, is due to the fact that there was a good supply of water, and cultivation was brisk; but, owing to a breach in the bund, crops withered.
	Lift ..	68 96	3 0 0	212 12 11	1 8 0	..	1 8 0	211 4 11	
2. Second wet crop on irrigated land ..	Flow ..	554 72	3 0 0	1,821 12 10	..	..	..	1,821 12 10	
	Lift ..	..	..	..	..	..	..	..	
3. If compounded for two crops for a term of not less than five years.	Flow ..	3 79	6 0 0	24 0 0	..	..	..	24 0 0	
	Lift ..	..	..	..	..	..	..	..	
4. Sugarcane, betel gardens and other garden produce remaining on the ground for the time of two crops.	Flow ..	72 61	6 0 0	447 8 3	4 6 6	..	4 6 6	443 1 9	
	Lift ..	7 62	4 8 0	39 15 6	..	1 13 0	1 13 0	38 2 6	
5. Single dry crop	Flow ..	516 81	1 0 0	539 1 9	0 3 2	..	0 3 2	538 14 7	
	Lift ..	7 37	0 12 0	5 12 5	..	..	..	5 12 5	
6. Second dry crop on irrigated land if not compounded.	Flow ..	61 81	1 0 0	65 12 7	..	..	..	65 12 7	
	Lift ..	..	..	..	..	..	..	..	
7. Garden crops (class 2 of Madras Irrigation and Canal Company's rules).	Flow ..	769 46	3 0 0	2,338 1 1	21 14 1	..	21 14 1	2,316 3 0	
	Lift ..	11 16	2 4 0	28 13 4	..	1 3 0	1 3 0	27 10 4	
8. Second garden crop	Flow ..	32 99	3 0 0	104 3 5	..	..	..	104 3 5	
	Lift ..	0 78	2 4 0	2 4 0	..	..	..	2 4 0	
Compound rates	Flow ..	50 25	5 0 0	241 4 0	115 14 0	..	115 14 0	125 6 0	
Total ..	Flow ..	6,672 61	..	24,376 8 2	2,691 0 9	..	2,691 0 9	21,685 7 5	
	Lift ..	95 89	..	289 10 2	1 8 0	3 0 0	4 8 0	285 2 2	
Cowle cases		427 45	..	1,118 12 5	86 9 9	255 8 6	342 2 3	776 10 2	
Land revenue transferred to canal for utilizing water for irrigation purposes by means of tanks.		1,525 7	..	5,145 7 11	..	..	..	5,145 7 11	
Supply of canal water to Kurnool municipality ..		..	..	3,500 0 0	..	..	..	3,500 0 0	
Do. do. to indigo vats		..	..	5 12 0	..	..	..	5 12 0	
Extent of land cultivated under paragraph 3 of G.O., 6th June 1882, No. 448 I.		1,720 0	..	..	..	..	..	..	
Grand Total ..		10,441 2	..	34,436 2 8	2,779 2 6	258 8 6	3,037 11 0	31,398 7 8	

KURNOOL,
14th September 1887.

(Signed) C. KOUGH,
Acting Collector.

GENERAL.
ESTABLISHMENT.

Govt. of {1888} Madras.

PUBLIC WORKS.

Dated October, 9th.

Recd. *Encl.*

G.O., 9th Oct. 1888, No. 3168 W.

OCTOBER.

Establishment

Orders on note by the Chief Engineer for Irrigation remarking on Board's Proceedings on letter from the Collector of Anantapur bringing to notice the inadequate Engineering staff for the district.

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					Failure of crops by excess or deficiency of water.	Other causes.	Total.		
		ACS. CTS.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	
1. Single wet crop on irrigated land ..	Flow ..	4,610 17	4 0 0	18,794 12 3	2,548 11 0	..	2,548 11 0	16,246 1 3	The increase, as compared with the previous year's return, is due to the fact that there was a good supply of water, and cultivation was brisk; but, owing to a breach in the bund, crops withered.
	Lift ..	68 96	3 0 0	212 12 11	1 8 0	..	1 8 0	211 4 11	
2. Second wet crop on irrigated land ..	Flow ..	554 72	3 0 0	1,821 12 10	..	..	..	1,821 12 10	
	Lift ..	..	..	..	..	..	..	..	
3. If compounded for two crops for a term of not less than five years.	Flow ..	3 79	6 0 0	24 0 0	..	..	..	24 0 0	
	Lift ..	..	..	..	..	..	..	..	
4. Sugarcane, betel gardens and other garden produce remaining on the ground for the time of two crops.	Flow ..	72 61	6 0 0	447 8 3	4 6 6	..	4 6 6	443 1 9	
	Lift ..	7 62	4 8 0	39 15 6	..	1 13 0	1 13 0	38 2 6	
5. Single dry crop	Flow ..	516 81	1 0 0	539 1 9	0 3 2	..	0 3 2	538 14 7	
	Lift ..	7 37	0 12 0	5 12 5	..	..	..	5 12 5	
6. Second dry crop on irrigated land if not compounded.	Flow ..	61 81	1 0 0	65 12 7	..	..	..	65 12 7	
	Lift ..	..	..	..	..	..	..	..	
7. Garden crops (class 2 of Madras Irrigation and Canal Company's rules).	Flow ..	769 46	3 0 0	2,338 1 1	21 14 1	..	21 14 1	2,316 3 0	
	Lift ..	11 16	2 4 0	28 13 4	..	1 3 0	1 3 0	27 10 4	
8. Second garden crop	Flow ..	32 99	3 0 0	104 3 5	..	..	..	104 3 5	
	Lift ..	0 78	2 4 0	2 4 0	..	..	..	2 4 0	
Compound rates	Flow ..	50 25	5 0 0	241 4 0	115 14 0	..	115 14 0	125 6 0	
Total ..	Flow ..	6,672 61	..	24,376 8 2	2,691 0 9	..	2,691 0 9	21,685 7 5	
	Lift ..	95 89	..	289 10 2	1 8 0	3 0 0	4 8 0	285 2 2	
Cowle cases		427 45	..	1,118 12 5	86 9 9	255 8 6	342 2 3	776 10 2	
Land revenue transferred to canal for utilizing water for irrigation purposes by means of tanks.		1,525 7	..	5,145 7 11	..	..	..	5,145 7 11	
Supply of canal water to Kurnool municipality ..		..	..	3,500 0 0	..	..	..	3,500 0 0	
Do. do. to indigo vats		..	..	5 12 0	..	..	..	5 12 0	
Extent of land cultivated under paragraph 3 of G.O., 6th June 1882, No. 448 I.		1,720 0	..	..	..	..	..	..	
Grand Total ..		10,441 2	..	34,436 2 8	2,779 2 6	258 8 6	3,037 11 0	31,398 7 8	

KURNOOL,
14th September 1887.

(Signed) C. KOUGH,
Acting Collector.

STATEMENT of lands irrigated under the following Irrigation Systems in the districts of Chingleput, North Arcot and South Arcot for fasli 1296 (1886-87).

Name of canal.	Irrigable area of Government, Zemindari and Inams.	GOVERNMENT.															
		Usual wet.				Dry converted into wet.			Dry crops watered.			Waste brought in.			Miscellaneous.		
		Extent.	Assessment.			Extent.	Assessment.		Extent.	Assessment.		Extent.	Assessment.		Extent.	Assessment.	
			Land.	Water.			Land.	Water.		Land.	Water.		Land.	Water.		Land.	Water.
				Normal.	Settlement increase.												
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Pálár Anicut, Northern Section.	ACS.	ACS.	RS.	RS.	RS.	ACS.	RS.	RS.	ACS.	RS.	RS.	ACS.	RS.	RS.	ACS.	RS.	RS.
1. Kávéripák canal	68,700	10,127	14,296	34,059	2,982	876	938	2,884	1,144	1,344	3,144	1,920	2,062	6,378	60	39	282
2. Mahendravadi canal		3,170	3,577	11,060	1,110	323	318	1,223	402	360	1,224	524	484	1,792	36	34	129
3. Govindavadi do.		1,369	2,218	4,710	416	130	183	457	218	307	756	209	353	736	7	4	45
4. Kambakal do.		6,920	9,023	19,194	.	2,816	1,905	5,475	100	102	414	7,774	7,909	19,382	45	42	165
Total ..		21,586	29,114	69,023	4,508	4,145	3,344	10,039	1,864	2,113	5,538	10,427	10,868	28,288	148	119	621
Pálár Anicut, Southern Section.																	
1. Dusi canal		8,702	12,726	30,820	495	748	917	2,329	394	471	1,324	1,221	1,475	3,721	44	95	524
2. Chakramallur canal		1,388	2,327	4,736	186	497	583	1,695	108	111	352	494	724	1,623	8	16	116
3. Kalavai canal		2,000	2,877	6,829	317	220	278	707	174	245	465	877	1,086	2,883	32	38	234
Total ..		12,090	17,930	42,385	998	1,465	1,778	4,731	676	827	2,141	2,592	3,285	8,227	84	149	874
Grand Total ..		33,676	47,044	1,11,408	5,506	5,610	5,122	14,770	2,540	2,940	7,679	13,019	14,093	36,515	232	268	1,495
1. Pelandorai anicut	7,541	1,303	2,830	2,222	..	1,584	2,779	5,990	86	169	134	23	41	60	97	226	361
1. Chembrambakam tank	18,000	9,227	15,313	31,682	1,414	843	1,024	2,374	333	547	878	484	631	1,484	41	90	223
Madras Water-supply and Irrigation Extension Project.																	
1. Sholavaram tank	9,852	1,290	1,870	3,328	..	1,030	1,463	2,588	28	39	69	178	229	423	13	11	28
2. Red Hills do.		2,617	2,530	7,407	..	279	293	735	36	44	116	248	149	619	13	29	63
Total ..		3,907	4,400	10,735	..	1,309	1,756	3,323	64	83	185	426	378	1,042	26	40	91

Statement of lands irrigated under the following Irrigation Systems in the districts of Chingleput, North Arcot and South Arcot for fasli 1296 (1886-87)—*cont.*

Name of canal.	GOVERNMENT—*cont.*						ZEMINDARI.										
	Total.			Second crop.		Total assessment land and water.	Irrigated free of charge.		Irrigated and charged.						Total.		
	Extent.	Assessment.		Extent.	Water-rate.		Extent.		Dry converted into wet.		Dry crops watered.		Second crop.		Extent.		Water-rate.
		Land.	Water.				First crop.	Second crop.	First crop.		First crop.		Extent.	Water-rate.	First crop.	Second crop.	
									Extent.	Water-rate.	Extent.	Water-rate.					
	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
Pálár Anicut, Northern Section.	ACS.	RS.	RS.	ACS.	RS.	RS.	ACS.	ACS.	ACS.	RS.	ACS.	RS.	ACS.	RS.	ACS.	ACS.	RS.
1. Kávéripák canal	14,127	18,679	49,729	5,132	14,005	82,413	..	..	..	..	..	..	..	..	..	..	..
2. Mahendravadi canal	4,455	4,773	16,538	1,095	2,887	24,198	..	..	..	..	..	..	..	..	..	..	..
3. Govindavadi do.	1,933	3,065	7,120	534	1,535	11,720	..	..	..	..	..	..	..	..	..	..	..
4. Kambakal do.	17,655	18,981	44,630	3,593	7,725	71,336	..	..	..	..	..	..	..	..	..	..	..
Total ..	38,170	45,498	1,18,017	10,354	26,152	1,89,667	..	..	..	..	..	..	..	..	..	..	..
Pálár Anicut, Southern Section.																	
1. Dusi canal	11,109	15,684	39,213	7,103	18,310	73,207	..	..	..	..	..	..	..	..	..	..	..
2. Chakramallur canal	2,495	3,761	8,708	1,107	2,848	15,317	..	..	..	..	..	..	..	..	..	..	..
3. Kalavai canal	3,303	4,524	11,435	1,200	3,072	19,031	..	..	..	..	..	..	..	..	..	..	..
Total ..	16,907	23,969	59,356	9,410	24,230	1,07,555	..	..	..	..	..	..	..	..	..	..	..
Grand Total ..	55,077	69,467	1,77,373	19,764	50,382	2,97,222	..	..	..	..	..	..	..	..	..	..	..
1. Pelandorai anicut	3,093	6,045	8,767	95	232	15,044	..	..	..	..	..	..	..	..	..	..	..
1. Chembrambakam tank	10,928	17,605	38,055	5,499	15,029	70,689	..	..	..	..	..	..	..	..	..	..	..
Madras Water-supply and Irrigation Extension Project.																	
1. Sholavaram tank	2,539	3,612	6,436	227	492	10,540	143	19	..	..	..	..	..	..	143	19	..
2. Red Hills do.	3,193	3,045	8,940	1,509	2,968	14,953	..	..	..	..	..	..	..	..	..	..	..
Total ..	5,732	6,657	15,376	1,736	3,460	25,493	143	19	..	..	..	..	..	..	143	19	..

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Statement of lands irrigated under the following Irrigation Systems in the districts of Chingleput, North Arcot and South Arcot for fasli 1296 (1886-87)—*cont.*

Name of canal.	Inams. Irrigated free of charge. Extent. First crop.	Inams. Irrigated free of charge. Extent. Second crop.	Inams. Irrigated free of charge. Quit-rent. Land at one-third.	Inams. Irrigated free of charge. Quit-rent. Water at two-thirds.	Inams. Irrigated and charged. Dry converted into wet. First crop. Extent.	Inams. Irrigated and charged. Dry converted into wet. First crop. Quit-rent.	Inams. Irrigated and charged. Dry converted into wet. First crop. Water-rate.	Inams. Irrigated and charged. Dry crops watered. First crop. Extent.	Inams. Irrigated and charged. Dry crops watered. First crop. Quit-rent.	Inams. Irrigated and charged. Dry crops watered. First crop. Water-rate.	Inams. Irrigated and charged. Second crop. Extent.	Inams. Irrigated and charged. Second crop. Water-rate.	Inams. Total. Extent. First crop.	Inams. Total. Extent. Second crop.	Inams. Total. Quit-rent and water-rate.	Total Government, Zemindari and Inams. First crop. Extent. Actually irrigated or charged as such.	Total Government, Zemindari and Inams. First crop. Extent. Waste remitted.	Total Government, Zemindari and Inams. First crop. Extent. Total.
	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50		
Pálár Anicut, Northern Section.	ACS.	ACS.	RS.	RS.	ACS.	RS.	RS.	ACS.	RS.	RS.	ACS.	RS.	ACS.	ACS.	RS.	ACS.	ACS.	ACS.
1. Kávéripák canal	3,935	449	694	1,514	27	..	..	255	..	185	623	677	4,217	1,072	3,070	18,344	..	18,344
2. Mahendravadi canal	475	39	41	94	..	..	..	35	3	113	117	306	510	156	557	4,965	..	4,965
3. Govindavadi do.	736	90	239	477	..	..	..	92	..	33	42	89	828	132	838	2,761	..	2,761
4. Kambakal do.	3,138	226	394	789	2	..	6	25	1	184	268	564	3,165	494	1,938	20,323	497	20,820
Total ..	8,284	804	1,368	2,874	29	..	6	407	4	515	1,050	1,636	8,720	1,854	6,403	46,393	497	46,890
Pálár Anicut, Southern Section.																		
1. Dusi canal	1,997	1,989	745	1,519	2	..	7	30	4	114	2	5	2,029	1,991	2,394	13,138	..	13,138
2. Chakramallur canal	153	131	11	39	..	..	..	25	..	58	1	1	178	132	109	2,673	..	2,673
3. Kalavai canal	311	298	8	27	1	..	1	8	..	21	3	6	320	301	63	3,564	59	3,623
Total ..	2,461	2,418	764	1,585	3	..	8	63	4	193	6	12	2,527	2,424	2,566	19,375	59	19,434
Grand Total ..	10,745	3,222	2,132	4,459	32	..	14	470	8	708	1,056	1,648	11,247	4,278	8,969	65,768	556	66,324
1. Pelandorai anicut	436	..	82	162	96	22	367	1	..	1	5	14	533	5	648	3,533	93	3,626
1. Chembrambakam tank	2,007	171	395	818	11	3	70	10	8	826	805	2,054	2,028	976	4,174	12,938	18	12,956
Madras Water-supply and Irrigation Extension Project.																		
1. Sholavaram tank	377	..	30	60	..	..	..	1	1	1	26	55	378	26	147	3,052	8	3,060
2. Red Hills do.	1,086	414	449	1,435	4	..	25	2	1	26	157	349	1,092	571	2,285	4,280	5	4,285
Total ..	1,463	414	479	1,495	4	..	25	3	2	27	183	404	1,470	597	2,432	7,332	13	7,345

Statement of lands irrigated under the following Irrigation Systems in the districts of Chingleput, North Arcot and South Arcot for fasli 1296 (1886-87)—*cont.*

Name of canal.	Total Government, Zemindari and Inams—*cont.* First crop—*cont.* Assessment. Land.	First crop—*cont.* Assessment. Water.	Second crop. Extent. Actually irrigated or charged as such.	Second crop. Extent. Waste remitted.	Second crop. Extent. Total.	Water-rate.	Total assessment and water-rate.	Share due to irrigation, *i.e.*, sum of columns 52 and 54.	Deductions as per enclosure A. First crop.	Deductions as per enclosure A. Second crop.	Difference between columns 56 and 57, *i.e.*, net revenue due to irrigation. First crop.	Difference between columns 56 and 57. Second crop.	Difference between columns 56 and 57. Total.
	51	52	53			54	55	56	57		58		
Pálár Anicut, Northern Section.	RS.	RS.	ACS.	ACS.	ACS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
1. Kávéripák canal	19,373	51,428	6,204	..	6,204	14,682	85,483	66,110	366	21	51,062	14,661	65,723
2. Mahendravadi canal	4,817	16,745	1,251	..	1,251	3,193	24,755	19,938	62	1	16,683	3,192	19,875
3. Govindavadi do.	3,394	7,630	666	..	666	1,624	12,558	9,254	31	..	7,599	1,624	9,223
4. Kambakal do.	19,376	45,609	4,040	47	4,087	8,289	73,274	53,898	2,081	293	43,528	7,996	51,524
Total ..	46,870	1,21,412	12,161	47	12,208	27,788	1,96,070	1,49,200	2,540	315	1,18,872	27,473	1,46,345
Pálár Anicut, Southern Section.													
1. Dusi canal	16,433	40,853	9,094	..	9,094	18,315	75,601	59,168	88	17	40,765	18,298	59,063
2. Chakramallur canal	3,772	8,805	1,239	..	1,239	2,849	15,426	11,654	10	1	8,795	2,848	11,643
3. Kalavai canal	4,532	11,484	1,501	..	1,501	3,078	19,094	14,562	233	6	11,251	3,072	14,323
Total ..	24,737	61,142	11,834	..	11,834	24,242	1,10,121	85,384	331	24	60,811	24,218	85,029
Grand Total ..	71,607	1,82,554	23,995	47	24,042	52,030	3,06,191	2,34,584	2,871	339	1,79,683	51,691	2,31,374
1. Pelandorai anicut	6,149	9,297	99	1	100	246	15,692	9,543	536	3	8,761	243	9,004
1. Chembrambakam tank	18,011	39,769	6,464	2	6,466	17,083	74,863	56,852	180	13	39,589	17,070	56,659
Madras Water-supply and Irrigation Extension Project.													
1. Sholavaram tank	3,643	6,497	272	..	272	547	10,687	7,044	310	11	6,187	536	6,723
2. Red Hills do.	3,495	10,426	2,080	..	2,080	3,317	17,238	13,743	91	5	10,335	3,312	13,647
Total ..	7,138	16,923	2,352	..	2,352	3,864	27,925	20,787	401	16	16,522	3,848	20,370

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Enclosure A.

Memorandum showing causes of deductions in column 57.

Name of canal.	Fixed.	Temporary.	Occasional, *i.e.*, remissions proper and refunds.						Total deductions.
			Excess of water.		Defect of water.		Other causes.		
			Area.	Assessment, land and water.	Area.	Assessment, land and water.	Area.	Amount.	Amount.
	1	2	3		4		5		6
Pálár Anicut, Northern Section.	RS.	RS.	ACS.	RS.	ACS.	RS.	ACS.	RS.	RS.
1. Kávéripák canal	..	387	..	..	..	..	..	..	387
2. Mahendravadi canal	..	63	..	..	..	..	..	..	63
3. Govindavadi do.	9	22	..	..	..	..	..	..	31
4. Kambakal do.	66	460	..	..	544	1,848	..	..	2,374
Total ..	75	932	..	..	544	1,848	..	..	2,855
Pálár Anicut, Southern Section.									
1. Dusi canal	..	105	..	..	..	..	..	..	105
2. Chakramallur canal	..	11	..	..	..	..	..	..	11
3. Kalavai canal	..	46	..	..	59	193	..	..	239
Total ..	..	162	..	..	59	193	..	..	355
Grand Total ..	75	1,095	..	..	603	2,041	..	..	3,210
1. Pelandorai anicut	112	25	..	..	42	183	52	219	539
1. Chembrambakam tank	..	112	2	6	18	75	..	..	193
Madras Water-supply and Irrigation Extension Project.									
1. Sholavaram tank	..	291	..	..	8	30	..	..	321
2. Red Hills do.	..	81	..	..	..	..	5	15	96
Total ..	..	372	..	..	8	30	5	15	417

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Enclosure B.

Particulars of remissions entered in column 57.

Name of canal.	Government.													Zemindari.		Inams.		Total of remissions.		
	Usual wet.			Dry converted into wet and dry crops watered.		Waste brought in.		Miscellaneous.		Second crop.	Total.									
	Assessment.			Assessment.		Assessment.		Assessment.			Assessment.			Water-rate.		Water-rate.				
	Land.	Water.	Total.	Land.	Water.	Land.	Water.	Land.	Water.	Water-rate.	Land.	Water.	Total.	First crop.	Second crop.	First crop.	Second crop.	First crop.	Second crop.	Total.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14		15		16		
Pálár Anicut, Northern Section.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
1. Kávéripák canal ..	1	273	274	..	58	..	34	..	..	21	1	386	387	..	..	..	..	366	21	387
2. Mahendravadi canal ..	..	36	36	..	21	..	5	..	..	1	..	63	63	..	..	..	..	62	1	63
3. Govindavadi do. ..	..	22	22	6	2	..	1	..	..	..	6	25	31	..	..	..	..	31	..	31
4. Kambakal do. ..	124	327	451	32	234	287	1,069	..	..	247	443	1,877	2,320	..	..	8	46	2,081	293	2,374
Total ..	125	658	783	38	315	287	1,109	..	..	269	450	2,351	2,801	..	..	8	46	2,540	315	2,855
Pálár Anicut, Southern Section.																				
1. Dusi canal	..	76	76	..	11	..	1	..	..	17	..	105	105	..	..	..	..	88	17	105
2. Chakramallur canal ..	..	5	5	..	4	..	1	..	..	1	..	11	11	..	..	..	..	10	1	11
3. Kalavai canal ..	19	101	120	7	24	12	70	..	..	6	38	201	239	..	..	..	..	233	6	239
Total ..	19	182	201	7	39	12	72	..	..	24	38	317	355	..	..	..	..	331	24	355
Grand Total ..	144	840	984	45	354	299	1,181	..	..	293	488	2,668	3,156	..	..	8	46	2,871	339	3,210
1. Pelandorai anicut ..	189	194	383	26	108	1	1	..	4	3	216	310	526	..	..	13	..	536	3	539
1. Chembrambakam tank.	16	59	75	5	79	7	14	..	..	13	28	165	193	..	..	..	..	180	13	193
Madras Water-supply and Irrigation Extension Project.																				
1. Sholavaram tank ..	..	7	7	14	289	..	..	..	..	11	14	307	321	..	..	..	..	310	11	321
2. Red Hills do. ..	4	46	50	1	36	..	4	..	..	5	5	91	96	..	..	..	..	91	5	96
Total ..	4	53	57	15	325	..	4	..	..	16	19	398	417	..	..	..	..	401	16	417

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ENCLOSURE C.

MEMORANDUM showing the remissions saved by the work on usual wet and the amount of certain other items to be credited to the work.

Name of canal.	Usual Wet.				Dry converted into wet and dry crops watered.			Zemindari and Inams.			Second Crop.		
	Total assessment, land and water, columns 3 and 4 of the statement.	Remissions at normal percentage.	Actual remissions granted. *Vide* column 3 of enclosure B.	Difference between columns 2 and 3, *i.e.*, remissions saved.	Total charge exclusive of remissions.	Average (five years) charge prior to the work.	Difference between columns 5 and 6.	Total charge exclusive of remissions.	Average (five years) charge prior to the work.	Difference between columns 8 and 9.	Total charge exclusive of remissions.	Average (five years) charge prior to the work.	Difference between columns 11 and 12.
	1	2	3	4	5	6	7	8	9	10	11	12	13
Pálár Anicut, Northern Section.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
1. Kávéripák canal ..	48,355	9,674	274	9,400	5,970	1,133	4,837	185	15	170	14,661	6,827	7,834
2. Mahendravadi canal ..	14,637	3,948	36	3,912	2,426	334	2,092	113	9	104	3,192	1,290	1,902
3. Govindavadi do. ..	6,928	943	22	921	1,205	109	1,096	33	..	33	1,624	978	646
4. Kambakal do. ..	28,217	3,355	451	2,904	5,623	1,404	4,219	182	39	143	7,996	2,554	5,442
Total ..	98,137	17,920	783	17,137	15,224	2,980	12,244	513	63	450	27,473	11,649	15,824
Pálár Anicut, Southern Section.													
1. Dusi canal	43,546	9,320	76	9,244	3,642	459	3,183	121	18	103	18,298	12,358	5,940
2. Chakramallur canal ..	7,063	1,562	5	1,557	2,043	117	1,926	58	..	58	2,848	1,853	995
3. Kalavaia canal ..	9,706	1,898	120	1,778	1,141	177	964	22	1	21	3,072	2,315	757
Total ..	60,315	12,780	201	12,579	6,826	753	6,073	201	19	182	24,218	16,526	7,692
Grand Total ..	1,58,452	30,700	984	29,716	22,050	3,733	18,317	714	82	632	51,691	28,175	23,516
1. Pelandorai anicut ..	5,052	488	383	105	5,990	934	5,056	355	134	221	243	232	11
1. Chémbrambakam tank.	46,995	19,302	75	19,227	3,168	80	3,088	896	391	505	17,070	2,554	14,516
Madras Water-supply and Irrigation Extension Project.													
1. Sholavaram tank ..	5,198	601	7	594	2,354	124	2,230	1	..	1	536	143	393
2. Red Hills do. ..	9,937	1,878	50	1,828	814	64	750	51	17	34	3,312	557	2,755
Total ..	15,135	2,479	57	2,422	3,168	188	2,980	52	17	35	3,848	700	3,148

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STATEMENT of lands irrigated under the Godávari Anicut System in the districts of Godávari and Kistna for fasli 1296 (1886-87).

Name of canal.	Irrigable area of Government, Zemindari and Inams.	Government.															
		Usual wet.				Dry converted into wet.			Dry crops watered.			Waste brought in.			Miscellaneous.		
		Extent.	Assessment.			Extent.	Assessment.		Extent.	Assessment.		Extent.	Assessment.		Extent.	Assessment.	
			Land.	Water.	Total.		Land.	Water.		Land.	Water.		Land.	Water.		Land.	Water.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Eastern Delta.	ACS.	ACS.	RS.	RS.	RS.	RS.	RS.	RS.	ACS.	RS.	RS.	ACS.	RS.	RS.	ACS.	RS.	RS.
1. Bank canal	20,200	..	..	..	..	3,286	10,767	13,188	176	883	619	698	1,698	2,784	8	23	37
2. Cocanada canal	44,000	467	1,411	1,869	3,280	11,387	36,317	45,326	44	129	176	6,316	17,997	25,275	242	360	50
3. Sámalkót do.	29,000	..	..	..	..	3,877	8,926	15,512	3	11	6	7,336	15,170	29,381	4	15	75
4. Mandapet do.	28,000	..	..	..	..	15,134	51,732	60,589	40	129	171	464	1,465	1,856	5	40	27
5. Coringa do.	32,000	1,600	4,450	6,404	10,854	9,661	27,789	38,485	9	24	29	4,147	11,944	16,671	117	92	16
6. Injaram do.	16,800	234	691	938	1,629	2,540	7,621	10,174	11	33	44	135	457	539	2	18	8
Total ..	170,000	2,301	6,552	9,211	15,763	45,885	1,43,152	1,83,274	283	1,209	1,045	19,096	48,671	76,506	378	548	213
Central Delta.																	
1. Main canal	1,000	..	..	..	..	41	152	163	5	41	13	..	..	..	..	..	..
2. Gannavaram canal	47,880	540	1,201	2,152	3,353	14,845	37,881	59,563	215	1,260	476	3,771	9,284	15,080	65	270	337
3. Bank canal	29,650	4,595	10,838	18,384	29,222	7,436	16,645	29,753	163	301	766	1,887	3,867	7,547	193	189	675
4. Amalápuram canal ..	31,350	1,439	3,619	5,757	9,376	6,152	16,584	24,732	40	104	211	2,371	5,213	9,486	17	35	67
5. Bendamurlunka canal	12,540	1,712	4,385	6,850	11,235	2,504	5,198	10,029	324	927	1,376	1,088	2,491	4,352	7	11	22
Total ..	122,420	8,286	20,043	33,143	53,186	30,978	76,460	1,24,240	747	2,633	2,842	9,117	20,855	36,465	282	505	1,101
Western Delta.																	
1. Main canal	1,000	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2. Kakaraparru canal	8,600	..	..	..	..	2,509	8,198	10,045	7	23	13	7	22	29	..	..	..
3. Gostanady and Velpur canal ..	39,000	3,168	8,373	12,672	21,045	13,432	28,592	58,783	171	208	347	7,031	15,589	28,343	324	548	1,307
4. Bank canal	28,000	..	..	..	..	15,063	51,311	60,447	640	1,988	1,604	124	449	604	37	265	159
5. Narsápur canal	59,000	2,797	6,587	11,211	17,798	27,851	59,930	1,11,767	157	194	321	7,953	16,986	35,839	569	1,234	2,415
6. Ellore canal	55,000	5,884	7,199	23,529	30,728	17,887	15,513	71,771	22	35	52	14,870	13,552	59,435	496	489	2,136
7. Attili do.	33,000	225	582	901	1,483	16,584	38,807	66,462	40	98	118	1,714	3,925	6,556	4	24	21
8. Venkayya Wyair canal ..	48,080	445	823	1,778	2,601	6,212	10,307	24,896	58	127	135	5,556	7,842	22,232	178	214	637
9. Undi canal, ...	48,000	5,070	13,128	20,282	33,410	5,304	9,875	21,260	8	23	27	13,994	29,029	56,013	93	188	400
Total ..	319,580	17,589	36,692	70,373	1,07,065	1,04,842	2,22,533	4,20,431	1,103	2,696	2,617	51,299	87,464	2,09,301	1,701	2,962	7,075
Grand Total ..	612,000	28,176	63,287	1,12,727	1,76,014	1,81,705	4,42,145	7,27,945	2,133	6,538	6,504	79,512	1,56,990	3,22,272	2,361	4,015	8,389

Statement of lands irrigated under the Godávari Anicut System in the districts of Godávari and Kistna for fasli 1296 (1886-87)—*cont.*

Name of canal.	Government—*cont.*						Zemindari.										
	Total.			Second crop.		Total assessment, land and water.	Irrigated free of charge.		Irrigated and charged.						Total.		
	Extent.	Assessment.		Extent.	Water-rate.		Extent.		Dry converted into wet.		Dry crops watered.		Second crop.		Extent.		Water-rate.
		Land.	Water.				First crop.	Second crop.	First crop.		First crop.		Extent.	Water-rate.	First crop.	Second crop.	
									Extent.	Water-rate.	Extent.	Water-rate.					
	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
	ACS.	RS.	RS.	ACS.	RS.	RS.	ACS.	ACS.	ACS.	RS.	ACS.	RS.	ACS.	RS.	ACS.	ACS.	RS.
Eastern Delta.																	
1. Bank canal	4,168	13,371	16,628	1,301	4,310	34,309	703	..	1,495	5,974	..	..	451	1,295	2,198	451	7,269
2. Cocanada canal	18,456	56,214	72,696	1,382	5,066	1,33,976	6,693	..	2,617	10,600	..	..	780	2,946	9,310	780	13,446
3. Sámalkót do.	11,220	24,122	44,974	1,016	3,466	72,562	4,634	..	4,374	14,005	8	31	361	876	9,016	361	14,912
4. Mandapet do.	15,643	53,306	62,643	1,212	4,533	1,20,482	617	..	1,077	4,328	..	..	120	342	1,694	120	4,670
5. Coringa do.	15,534	44,299	61,605	291	846	1,06,750	3,574	..	2,019	8,108	1	2	200	538	5,594	200	8,648
6. Injaram do.	2,922	8,820	11,703	188	603	21,126	1,671	..	1,443	5,791	75	303	309	794	3,089	309	6,888
Total ..	67,943	2,00,182	2,70,249	5,390	18,824	4,89,205	17,792	..	13,025	48,706	84	336	2,221	6,791	30,901	2,221	55,833
Central Delta.																	
1. Main canal	46	193	176	53	187	556	..	..	..	..	..	..	..	..	..	..	..
2. Gunnavaram canal	19,436	49,896	77,608	696	2,637	1,30,141	..	..	484	1,936	12	78	724	2,237	496	724	4,351
3. Bank canal	14,274	31,840	57,125	113	408	89,373	473	..	1,449	5,783	17	126	31	92	1,939	31	5,995
4. Amalápuram canal	10,619	25,555	40,253	142	554	66,362	1,914	..	3,391	13,596	177	747	31	101	5,482	31	14,444
5. Bendamurlanka canal	5,635	13,012	22,629	24	92	35,733	71	..	..	..	..	..	..	..	71	..	..
Total ..	49,410	1,20,496	1,97,791	1,028	3,876	3,22,165	2,458	..	5,324	21,315	206	945	786	2,430	7,988	786	34,690
Western Delta.																	
1. Main canal	..	..	..	..	..	..	163	..	330	1,319	..	..	418	1,656	493	418	2,975
2. Kakaraparru canal	2,523	8,243	10,087	146	453	18,783	..	..	2,667	10,671	..	..	489	1,131	2,667	489	11,802
3. Gostanady and Velpur canal ..	24,176	53,310	96,452	192	619	1,50,381	719	..	583	2,325	..	..	26	90	1,302	26	2,415
4. Bank canal	15,864	54,013	62,714	3,248	7,818	1,24,545	769	..	1,210	4,964	..	..	69	160	1,979	69	5,124
5. Narsápur canal	39,327	84,931	1,61,553	1,050	2,656	2,49,140	2,754	..	2,621	10,511	..	..	330	993	5,375	330	11,504
6. Ellore canal	39,159	36,788	1,56,973	538	2,033	1,95,794	3,085	..	301	1,202	..	..	533	2,180	3,386	533	3,382
7. Attili do.	18,567	43,506	74,358	1,260	3,296	1,21,160	584	..	3,704	14,814	8	15	469	1,397	4,296	469	16,226
8. Venkayya Wyair canal ..	12,449	19,313	49,678	209	519	69,510	11,639	..	570	2,280	..	..	4,407	17,591	12,109	4,407	19,871
9. Undi canal	24,469	52,243	97,982	35	140	1,50,365	12,362	..	297	1,184	..	..	704	2,745	12,659	704	3,929
Total ..	176,534	3,52,347	7,09,797	6,678	17,534	10,79,678	31,975	..	12,283	49,270	8	15	7,445	27,943	44,266	7,445	77,228
Grand Total ..	293,887	6,72,975	11,77,837	13,096	40,236	18,91,048	52,225	..	30,632	1,19,291	298	1,296	10,452	37,164	83,155	10,452	1,57,751

Statement of lands irrigated under the Godávari Anicut System in the districts of Godávari and Kistna for fasli 1296 (1886-87)—*cont.*

Name of canal.	Inams.															Total Government, Zemindari and Inams.		
	Irrigated free of charge.				Irrigated and charged.								Total.			First crop.		
	Extent.		Quit-rent.		Dry converted into wet.			Dry crops watered.			Second crop.		Extent.		Quit-rent and water-rate.	Extent.		
	First crop.	Second crop.	Land at one-third.	Water at two-thirds.	First crop.			First crop.			Extent.	Water-rate.	First crop.	Second crop.		Actually irrigated or charged as such.	Waste remitted.	Total.
					Extent.	Quit-rent.	Water-rate.	Extent.	Quit-rent.	Water-rate.								
	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50		
	ACS.	ACS.	RS.	RS.	ACS.	RS.	RS.	ACS.	RS.	RS.	ACS.	RS.	ACS.	ACS.	RS.	ACS.	ACS.	ACS.
Eastern Delta.																		
1. Bank canal	922	..	127	253	4,003	2,283	16,193	133	87	534	1,512	4,337	5,058	1,512	23,814	10,635	789	11,424
2. Cocanada canal	5,808	..	496	996	8,272	3,653	33,118	158	9	637	1,020	3,618	14,238	1,020	42,527	41,780	224	42,004
3. Sámalkót do.	4,882	..	430	860	2,714	810	10,080	365	19	1,170	568	1,466	7,961	568	14,835	28,118	79	28,197
4. Mandapet do.	140	..	28	56	11,388	7,143	45,607	50	67	210	667	2,435	11,578	667	55,546	28,720	195	28,915
5. Coringa do.	4,338	..	573	1,165	5,877	3,746	23,672	92	26	388	165	442	10,307	165	29,912	31,007	428	31,435
6. Injaram do.	1,602	..	177	345	3,821	2,474	15,321	1,145	1,131	4,590	290	784	6,568	290	24,822	11,968	611	12,579
Total ..	17,692	..	1,831	3,675	36,075	20,109	1,43,891	1,943	1,339	7,529	4,222	13,082	55,710	4,222	1,91,456	1,52,228	2,326	154,554
Central Delta.																		
1. Main canal	..	..	..	..	171	84	683	1	1	10	77	247	172	77	1,025	188	30	218
2. Gunnavaram canal	3,386	..	509	1,017	13,265	7,266	53,185	72	43	290	1,297	4,054	16,723	1,297	66,364	35,095	1,560	36,655
3. Bank canal	4,504	..	737	1,474	6,069	2,777	23,154	753	237	3,156	171	580	11,326	171	32,115	26,812	727	27,539
4. Amalápuram canal	5,000	..	534	1,069	10,814	5,187	43,140	64	27	486	154	647	15,878	154	51,090	29,604	1,775	31,379
5. Bendamurlanka canal	2,732	..	317	634	1,742	864	6,968	88	24	368	20	105	4,562	20	9,280	8,448	1,820	10,268
Total ..	15,622	..	2,097	4,194	32,051	16,178	1,27,130	978	332	4,310	1,719	5,633	48,661	1,719	1,59,874	1,00,147	5,912	106,059
Western Delta.																		
1. Main canal	82	..	..	..	229	33	917	..	..	..	67	271	311	67	1,221	546	258	804
2. Kakaraparru canal	..	..	..	..	5,407	2,052	21,651	32	23	122	507	1,239	5,439	507	25,087	10,563	66	10,629
3. Gostanady and Velpur canal ..	7,041	..	707	1,414	6,968	3,921	27,899	10	7	23	53	159	14,019	53	34,130	38,402	1,095	39,497
4. Bank canal	393	..	62	124	14,571	10,792	58,382	308	312	637	2,964	6,907	15,272	2,964	77,216	33,034	81	33,115
5. Narsápur canal	5,753	..	710	1,468	13,078	6,234	51,515	60	15	168	568	1,550	18,891	568	61,660	61,873	1,720	63,593
6. Ellore canal	4,314	..	520	1,051	6,810	2,635	27,325	6	2	66	132	397	11,130	132	31,996	49,576	4,099	53,675
7. Attili do.	1,159	..	139	278	10,098	5,137	40,437	18	35	45	866	2,093	11,275	866	48,164	31,862	2,276	34,138
8. Venkayya Wyair canal ..	6,134	..	431	861	4,400	1,629	17,695	18	13	41	486	1,596	10,552	486	22,266	33,333	1,777	35,110
9. Undi canal	11,448	..	928	1,839	3,625	2,150	14,612	1	3	2	95	270	15,074	95	19,804	52,057	145	52,202
Total ..	36,324	..	3,497	7,035	65,186	34,583	2,60,433	453	410	1,104	5,738	14,482	101,963	5,738	3,21,544	3,11,246	11,517	322,763
Grand Total ..	69,638	.	7,425	14,904	133,322	70,870	5,31,464	3,374	2,081	12,943	11,679	83,197	206,334	11,679	6,72,874	5,63,621	19,755	583,376

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Statement of lands irrigated under the Godávari Anicut System in the districts of Godávari and Kistna for fasli 1296 (1886-87)—*cont.*

Name of canal.	TOTAL GOVERNMENT, ZEMINDARI AND INAMS—*cont.*												
	First crop—*cont.*		Second crop.			Water-rate.	Total assessment and water-rate.	Share due to irrigation, *i.e.*, sum of columns 52 and 54.	Deductions as per enclosure A.		Difference between columns 56 and 57, *i.e.*, net revenue due to irrigation.		
	Assessment.		Extent.										
	Land.	Water.	Actually irrigated or charged as such.	Waste remitted.	Total.				First crop.	Second crop	First crop.	Second crop.	Total.
	51	52	53			54	55	56	57		58		
Eastern Delta.	RS.	RS.	ACS.	ACS.	ACS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
1. Bank canal	15,868	39,582	3,157	107	3,264	9,942	65,392	49,524	5,246	192	34,336	9,750	44,086
2. Cocanada canal	60,372	1,17,947	3,177	5	3,182	14,630	1,92,949	1,32,577	2,558	221	1,15,389	11,409	1,26,798
3. Sámalkót do.	25,381	71,120	1,929	16	1,945	5,808	1,02,309	76,928	1,911	113	69,209	5,695	74,904
4. Mandapet do.	60,544	1,12,844	1,849	150	1,999	7,310	1,80,698	1,20,154	2,830	19	1,10,014	7,291	1,17,305
5. Coringa do.	48,644	94,840	656	..	656	1,826	1,45,310	96,666	3,486	86	91,354	1,740	93,094
6. Injaram do.	12,602	38,053	787	..	787	2,181	52,836	40,234	2,845	72	35,208	2,109	37,317
Total ..	2,23,411	4,74,386	11,555	278	11,833	38,697	7,36,494	5,13,083	18,876	703	4,55,510	37,994	4,93,504
Central Delta.													
1. Main canal	278	869	125	5	130	434	1,581	1,303	96	25	773	409	1,182
2. Gunnavaram canal	57,714	1,34,114	2,681	36	2,717	8,928	2,00,756	1,43,042	9,315	59	1,24,799	8,869	1,33,668
3. Bank canal	35,591	90,812	299	16	315	1,080	1,27,483	91,892	5,347	177	85,465	903	86,368
4. Amalápuram canal	31,303	99,291	119	208	327	1,302	1,31,896	1,00,593	10,981	267	88,310	1,035	89,345
5. Bendamurlanka canal	14,217	30,599	44	..	44	197	45,013	30,796	10,900	27	19,699	170	19,869
Total ..	1,39,103	3,55,685	3,268	265	3,533	11,941	5,06,729	3,67,626	36,639	555	3,19,046	11,386	3,30,432
Western Delta.													
1. Main canal	33	2,236	485	..	485	1,927	4,196	4,163	1,110	184	1,126	1,743	2,869
2. Kakaraparru canal	10,318	42,531	1,142	..	1,142	2,823	55,672	45,354	1,516	163	41,015	2,660	43,675
3. Gostanady and Velpur canal ..	57,945	1,28,113	270	1	271	868	1,86,926	1,28,981	7,169	35	1,20,944	833	1,21,777
4. Bank canal	65,179	1,26,821	6,281	..	6,281	14,885	2,06,885	1,41,706	2,013	68	1,24,808	14,817	1,39,625
5. Narsápur canal	91,890	2,25,215	1,906	42	1,948	5,199	3,22,304	2,30,414	11,598	133	2,13,617	5,066	2,18,683
6. Ellore canal	39,945	1,86,557	1,183	20	1,203	4,670	2,31,172	1,91,227	20,235	222	1,66,382	4,388	1,70,770
7. Attili do.	48,817	1,29,947	2,595	..	2,595	6,786	1,85,550	1,36,733	14,504	237	1,15,443	6,549	1,21,992
8. Venkayya Wyari canal ..	21,386	70,555	5,096	6	5,102	19,706	1,11,647	90,261	11,507	65	59,048	19,641	78,689
9. Undi canal	55,324	1,15,619	834	..	834	3,155	1,74,098	1,18,774	3,544	308	1,12,075	2,847	1,14,922
Total ..	3,90,837	10,27,654	19,792	69	19,861	59,959	14,78,450	10,87,613	73,196	1,415	9,54,453	58,544	10,13,002
Grand Total ..	7,53,351	18,57,725	34,615	612	35,227	1,10,597	27,21,673	19,68,322	1,28,711	2,673	17,29,014	1,07,924	18,36,938

(Signed) P. RAJARATNA MUDALIAR,
Secretary.

ENCLOSURE A.

MEMORANDUM showing causes of deductions in column 57.

Name of canal.	Fixed.	Temporary.	OCCASIONAL, *i.e.*, REMISSIONS PROPER AND REFUNDS.						TOTAL DEDUCTIONS.
			Excess of water.		Defect of water.		Other causes.		Amount.
			Area.	Assessment, land and water.	Area.	Assessment, land and water.	Area.	Amount.	
	1	2	3		4		5		6
Eastern Delta.	RS.	RS.	RS.	RS.	ACS.	RS.	ACS.	RS.	RS.
1. Bank canal	395	392	872	4,550	23	97	1	4	5,438
2. Cocanada canal	1,271	383	177	903	48	205	4	17	2,779
3. Sámalkót do.	1,517	25	79	451	16	31	..	..	2,024
4. Mandapet do.	614	179	344	2,048	..	..	1	8	2,849
5. Coringa do.	922	465	428	2,185	..	..	..	..	3,572
6. Injaram do.	768	139	465	1,309	146	699	..	2	2,917
Total ..	5,487	1,583	2,365	11,446	233	1,032	6	31	19,579
Central Delta.									
1. Main canal	..	30	18	76	5	3	12	12	121
2. Gunnavaram canal	379	263	1,579	8,565	17	67	..	..	9,374
3. Bank canal	1,065	324	693	3,902	50	233	..	..	5,524
4. Amalápuram canal	1,363	95	1,861	9,310	122	479	..	1	11,248
5. Bendamurlanka canal	..	487	1,568	8,986	252	1,454	..	..	10,927
Total ..	2,807	1,199	5,719	30,939	446	2,236	12	13	37,194
Western Delta.									
1. Main canal	233	30	254	1,015	4	16	..	..	1,294
2. Kakaraparru canal	1,163	161	66	355	..	..	..	..	1,679
3. Gostanady and Velpur canal	652	792	1,096	5,760	..	..	..	..	7,204
4. Bank canal	342	1,357	81	382	..	..	..	..	2,081
5. Narsápur canal	1,291	2,562	1,347	6,968	286	299	129	611	11,731
6. Ellore canal	306	183	4,094	19,855	10	48	15	65	20,457
7. Attili do.	1,864	491	2,276	12,386	..	..	..	..	14,741
8. Venkayya Wyair canal	2,409	347	1,783	8,816	..	..	..	..	11,572
9. Undi canal	2,775	356	145	721	..	..	..	..	3,852
Total ..	11,935	6,279	11,142	56,258	300	363	144	676	74,611
Grand Total ..	19,329	9,061	19,226	98,643	979	3,631	162	720	1,31,384

(Signed) P. RAJARATNA MUDALIAR,
Secretary.

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Statement of lands irrigated under the Godávari Anicut System in the districts of Godávari and Kistna for fasli 1296 (1886-87)—*cont.*

	TOTAL GOVERNMENT, ZEMINDARI AND INAMS—*cont.*												
Name of canal.	First crop—*cont.*		Second crop.			Water-rate.	Total assessment and water-rate.	Share due to irrigation, *i.e.*, sum of columns 52 and 54.	Deductions as per enclosure A.		Difference between columns 56 and 57, *i.e.*, net revenue due to irrigation.		
	Assessment.		Extent.										
	Land.	Water.	Actually irrigated or charged as such.	Waste remitted.	Total.				First crop.	Second crop	First crop.	Second crop.	Total.
	51	52	53			54	55	56	57		58		
	RS.	RS.	ACS.	ACS.	ACS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Eastern Delta.													
1. Bank canal	15,868	39,582	3,157	107	3,264	9,942	65,392	49,524	5,246	192	34,336	9,750	44,086
2. Cocanada canal	60,372	1,17,947	3,177	5	3,182	11,630	1,89,949	1,29,577	2,558	221	1,15,389	11,409	1,26,798
3. Sámalkót do.	25,381	71,120	1,929	16	1,945	5,808	1,02,309	76,928	1,911	113	69,209	5,695	74,904
4. Mandapet do.	60,544	1,12,844	1,849	150	1,999	7,310	1,80,698	1,20,154	2,830	19	1,10,014	7,291	1,17,305
5. Coringa do.	48,644	94,840	656	..	656	1,826	1,45,310	96,666	3,486	86	91,354	1,740	93,094
6. Injaram do.	12,602	38,053	787	..	787	2,181	52,836	40,234	2,845	72	35,208	2,109	37,317
Total ..	2,23,411	4,74,386	11,555	278	11,833	38,697	7,36,494	5,13,083	18,876	703	4,55,510	37,994	4,93,504
Central Delta.													
1. Main canal	278	869	125	5	130	434	1,581	1,303	96	25	773	409	1,182
2. Gunnavaram canal	57,714	1,34,114	2,681	36	2,717	8,928	2,00,756	1,43,042	9,315	59	1,24,799	8,869	1,33,668
3. Bank canal	35,591	90,812	299	16	315	1,080	1,27,483	91,892	5,347	177	85,465	903	86,368
4. Amalápuram canal	31,303	99,291	119	208	327	1,302	1,31,896	1,00,593	10,981	267	88,310	1,035	89,345
5. Bendamurlanka canal	14,217	30,599	44	..	44	197	45,013	30,796	10,900	27	19,699	170	19,869
Total ..	1,39,103	3,55,685	3,268	265	3,533	11,941	5,06,729	3,67,626	36,639	555	3,19,046	11,386	3,30,432
Western Delta.													
1. Main canal	33	2,236	485	..	485	1,927	4,196	4,163	1,110	184	1,126	1,743	2,869
2. Kakaraparru canal	10,318	42,531	1,142	..	1,142	2,823	55,672	45,354	1,516	163	41,015	2,660	43,675
3. Gostanady and Velpur canal ..	57,945	1,28,113	270	1	271	868	1,86,926	1,28,981	7,169	35	1,20,944	833	1,21,777
4. Bank canal	65,179	1,26,821	6,281	..	6,281	14,885	2,06,885	1,41,706	2,013	68	1,24,808	14,817	1,39,625
5. Narsápur canal	91,890	2,25,215	1,906	42	1,948	5,199	3,22,304	2,30,414	11,598	133	2,13,617	5,066	2,18,683
6. Ellore canal	39,945	1,86,617	1,183	20	1,203	4,610	2,31,172	1,91,227	20,235	222	1,66,382	4,388	1,70,770
7. Attili do.	48,817	1,29,947	2,595	..	2,595	6,786	1,85,550	1,36,733	14,504	237	1,15,443	6,549	1,21,992
8. Venkayya Wyari canal ..	21,386	70,555	5,096	6	5,102	19,706	1,11,647	90,261	11,507	65	59,048	19,641	78,689
9. Undi canal	55,324	1,15,619	834	..	834	3,155	1,74,098	1,18,774	3,544	308	1,12,075	2,847	1,14,922
Total ..	3,90,837	10,27,654	19,792	69	19,861	59,959	14,78,450	10,87,613	73,196	1,415	9,54,458	58,544	10,13,002
Grand Total ..	7,53,351	18,57,725	34,615	612	35,227	1,10,597	27,21,673	19,68,322	1,28,711	2,673	17,29,014	1,07,924	18,36,938

(Signed) P. RAJARATNA MUDALIAR,
Secretary.

ENCLOSURE A.

MEMORANDUM showing causes of deductions in column 57.

Name of canal.	Fixed.	Temporary.	OCCASIONAL, *i.e.*, REMISSIONS PROPER AND REFUNDS.						TOTAL DEDUCTIONS.
			Excess of water.		Defect of water.		Other causes.		Amount.
			Area.	Assessment, land and water.	Area.	Assessment, land and water.	Area.	Amount.	
	1	2	3		4		5		6
	RS.	RS.	RS.	RS.	ACS.	RS.	ACS.	RS.	RS.
Eastern Delta.									
1. Bank canal	395	392	872	4,550	23	97	1	4	5,438
2. Cocanada canal	1,271	383	177	903	48	205	4	17	2,779
3. Sámalkót do.	1,517	25	79	451	16	31	..	..	2,024
4. Mandapet do.	614	179	344	2,048	..	..	1	8	2,849
5. Coringa do.	922	465	428	2,185	..	..	..	..	3,572
6. Injaram do.	768	139	465	1,309	146	699	..	2	2,917
Total ..	5,487	1,583	2,365	11,446	233	1,032	6	31	19,579
Central Delta.									
1. Main canal	..	30	18	76	5	3	12	12	121
2. Gunnavaram canal	379	263	1,679	8,665	17	67	..	..	9,374
3. Bank canal	1,065	324	693	3,902	50	233	..	..	5,524
4. Amalápuram canal	1,363	95	1,861	9,310	122	479	..	1	11,248
5. Bendamurlanka canal	..	487	1,568	8,986	252	1,454	..	..	10,927
Total ..	2,807	1,199	5,719	30,939	446	2,236	12	13	37,194
Western Delta.									
1. Main canal	233	30	254	1,015	4	16	..	..	1,294
2. Kakaraparru canal	1,163	161	66	355	..	..	..	..	1,679
3. Gostanady and Velpur canal	652	792	1,096	5,760	..	..	..	..	7,204
4. Bank canal	342	1,357	81	382	..	..	..	..	2,081
5. Narsápur canal	1,291	2,562	1,347	6,968	286	299	129	611	11,731
6. Ellore canal	306	183	4,094	19,855	10	48	15	65	20,457
7. Attili do.	1,864	491	2,276	12,386	..	..	..	..	14,741
8. Venkayya Wyair canal	2,409	347	1,783	8,816	..	..	..	..	11,572
9. Undi canal	2,775	356	145	721	..	..	..	..	3,852
Total ..	11,035	6,279	11,142	56,258	300	363	144	676	74,611
Grand Total ..	19,329	9,061	19,226	98,643	979	3,631	162	720	1,31,384

(Signed) P. RAJARATNA MUDALIAR,
Secretary.

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Enclosure B.

PARTICULARS of remissions entered in column 57.

Name of canal.	Government.													Zemindari.		Inams.		Total of remissions.		
	Usual wet.			Dry converted into wet and dry crops watered.		Waste brought in.		Miscellaneous.		Second crop.	Total.									
	Assessment.			Assessment.		Assessment.		Assessment.			Assessment.			Water-rate.		Water-rate.				
	Land.	Water.	Total.	Land.	Water.	Land.	Water.	Land.	Water.	Water-rate.	Land.	Water.	Total.	First crop.	Second crop.	First crop.	Second crop.	First crop.	Second crop.	Total.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14		15		16		
Eastern Delta.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
1. Bank canal	..	..	..	779	1,884	243	507	..	..	132	1,022	2,523	3,545	944	..	892	60	5,246	192	5,438
2. Cocanada canal ..	..	..	..	196	461	77	147	..	2	4	273	614	887	1,522	199	153	18	2,558	221	2,779
3. Sámalkót do. ..	..	..	..	14	54	120	185	..	..	..	134	239	373	1,441	111	97	2	1,911	113	2,024
3. Mandapet do. ..	..	..	..	484	807	9	16	..	..	8	493	831	1,324	513	6	1,001	5	2,830	19	2,849
5. Coringa do. ..	..	7	7	361	1,329	21	94	..	..	23	382	1,453	1,835	991	45	683	18	3,486	86	3,572
6. Injaram do. ..	2	3	5	193	339	..	..	..	..	37	195	379	574	1,443	..	865	35	2,845	72	2,917
Total ..	2	10	12	2,027	4,874	470	949	..	2	204	2,499	6,039	8,538	6,851	361	3,691	138	18,876	703	19,579
Central Delta.																				
1. Main canal	..	..	..	4	6	..	..	..	..	25	4	31	35	..	..	86	..	96	25	121
2. Gunnavaram canal ..	122	450	572	1,998	4,336	202	349	3	6	59	2,325	5,200	7,525	502	..	1,347	..	9,315	59	9,374
3. Bank canal	22	30	52	792	1,798	167	308	51	81	177	1,032	2,394	3,426	570	..	1,528	..	5,347	177	5,524
4. Amalápuram canal ..	117	260	377	644	2,108	893	1,926	8	33	267	1,662	4,594	6,256	2,223	..	2,769	..	10,981	267	11,248
5. Bendamurlanka canal..	225	978	1,203	1,302	5,022	232	715	..	..	27	1,759	6,742	8,501	..	..	2,426	..	10,900	27	10,927
Total ..	486	1,718	2,204	4,740	13,270	1,494	3,298	62	120	555	6,782	18,961	25,743	3,295	..	8,156	..	36,639	555	37,194
Western Delta.																				
1. Main canal	..	..	..	..	..	..	..	..	..	..	..	..	..	777	183	333	1	1,110	184	1,294
2. Kakaraparru canal ..	..	..	..	21	69	..	..	..	..	3	21	72	93	1,189	133	237	27	1,516	163	1,679
3. Gostanady and Velpur canal	42	161	203	1,042	3,455	243	655	43	145	16	1,370	4,432	5,802	191	3	1,192	16	7,169	35	7,204
4. Bank canal	..	..	..	37	785	..	..	..	..	57	37	842	879	543	7	648	4	2,013	68	2,081
5. Narsápur canal ..	19	160	179	1,006	5,271	543	1,944	106	451	76	1,674	7,902	9,576	1,160	54	938	3	11,598	133	11,731
6. Ellore canal ..	53	204	257	769	4,332	2,536	10,999	19	247	20	3,377	15,802	19,179	118	202	958	..	20,235	222	20,457
7. Attili do. ..	95	152	247	2,734	6,896	493	889	..	3	44	3,322	7,984	11,306	1,525	184	1,717	9	14,504	237	14,741
8. Venkayya Wyair canal.	50	217	267	503	1,948	1,143	4,550	7	33	24	1,703	6,772	8,475	1,979	41	1,077	..	11,507	65	11,572
9. Undi canal	2	39	41	83	347	63	164	1	6	..	149	556	705	118	307	2,721	1	3 544	308	3,852
Total ..	261	933	1,194	6,195	23,103	5,021	19,201	176	885	240	11,653	44,362	56,015	7,600	1,114	9,821	61	73,196	1,415	74,611
Grand Total ..	749	2,661	3,410	12,962	41,247	6,985	23,448	238	1,007	999	20,934	69,362	90,296	17,746	1,475	21,668	199	1,28,711	2,673	1,31,384

(Signed) RAJARATNA MUDALIAR,
Secretary.

Enclosure C.

MEMORANDUM showing the remissions saved by the work on usual wet and the amount of certain other items to be credited to the work.

Name of canal.	Usual wet.				Dry converted into wet and dry crops watered.			Zemindari and Inams.			Second Crop.		
	Total assessment, land and water, column 5 of the statement.	Remissions at normal percentage.	Actual remissions granted—*vide* column 3 of enclosure B.	Difference between columns 2 and 3, *i.e.*, remissions saved.	Total charge exclusive of remissions.	Average (five years) charge prior to the work.	Difference between columns 5 and 6.	Total charge exclusive of remissions.	Average (five years) charge prior to the work.	Difference between columns 8 and 9.	Total charge exclusive of remissions.	Average (five years) charge prior to the work.	Difference between columns 11 and 12.
	1	2	3	4	5	6	7	8	9	10	11	12	13
Eastern Delta.	RS.	RS.	RS.	RS.									
1. Bank canal	..	..	..	..									
2. Cocanada canal ..	3,280	..	..	..									
3. Sámalkót do. ..	..	..	..	..									
4. Mandapet do. ..	..	..	..	..									
5. Coringa do. ..	10,854	..	7	**7**									
6. Injaram do. ..	1,629	..	5	**5**									
Total ..	15,763	..	12	**12**									
Central Delta.													
1. Main canal	..	..	..	..									
2. Gunnavaram canal ..	3,353	..	572	**572**									
3. Bank canal	29,222	..	52	**52**									
4. Amalápuram canal ..	9,376	..	377	**377**									
5. Bendamurlanka canal..	11,235	..	1,203	**1,203**									
Total ..	53,186	..	2,208	**2,204**									
Western Delta.													
1. Main canal	..	..	..	..									
2. Kakaraparru canal ..	..	..	..	..									
3. Gostanady and Velpur canal	21,045	72	203	**131**									
4. Bank canal	..	..	..	..									
5 Narsápur canal ..	17,798	..	179	**179**									
6. Ellore canal	30,728	4,887	257	4,630									
7. Attili do.	1,483	..	247	**247**									
8. Venkaya Wyair canal..	2,601	40	267	**227**									
9. Undi canal	33,410	..	41	**41**									
Total ..	1,07,065	4,999	1,194	3,805									
Grand Total ..	1,76,014	4,999	3,410	1,589									

There were no collections under these heads prior to the anicut; the columns are therefore left blank, the net amount credited to the anicut being shown in the Statement No. II. Profits.

The figures in black type represent *minus*.

(Signed) P. RAJARATNA MUDALIAR,
Secretary.

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STATEMENT of lands irrigated under the Srívaikuntham, Pennér and Sangam Anicut Systems in the districts of Tinnevelly and Nellore for fasli 1296 (1886-87.)

Name of canal.	Irrigable area of Government Zemindari and Inams.	GOVERNMENT.															
		Usual wet.				Dry converted into wet.			Dry crops watered.			Waste brought in.			Miscellaneous.		
		Extent.	Assessment.			Extent.	Assessment.		Extent.	Assessment.		Extent.	Assessment.		Extent.	Assessment.	
			Land.	Water.			Land.	Water.		Land.	Water.		Land.	Water.		Land.	Water.
				Normal.	Settlement increase.												
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Srivaikuntham Anicut.	ACS.	ACS.	RS.	RS.	RS.	ACS.	RS.	RS.	ACS.	RS.	RS.	ACS.	RS.	RS.	ACS.	RS.	RS.
1. North main canal	25,500	5,920	8,284	28,018	12,161	1,118	745	5,203	923	729	4,949	659	629	3,004	13	19	249
2. South do.		7,454	10,979	41,769	10,027	1,339	1,195	7,625	1,155	1,020	6,730	2,097	1,522	10,901	44	67	431
Total ..	25,500	13,374	19,263	69,787	22,188	2,457	1,940	12,828	2,078	1,749	11,679	2,756	2,151	13,905	57	86	680
Pennér Anicut.																	
1. Jaffer Saib canal	69,385	15,092	18,992	65,954	6,449	2,556	2,954	11,715	355	430	565	5,903	6,972	27,231	134	154	909
2. Sarvepalli do.		6,829	8,681	26,460	4,131	621	720	2,604	19	20	28	5,293	5,494	21,150	346	37	2,070
3. Kistnapatam do.		2,979	3,301	12,049	2,099	307	310	1,353	21	24	32	1,753	1,722	7,689	16	17	82
4. Nellore tank		3,578	4,857	15,084	966	436	412	1,891	17	18	26	857	923	3,909	15	12	80
Total ..	69,385	28,478	35,831	1,19,547	13,645	3,920	4,396	17,563	412	492	651	13,806	15,111	59,979	511	220	3,141
Sangam Anicut.																	
1. Duvvuru canal	94,000	1,915	3,250	7,698	1,366	606	844	2,428	39	47	69	195	383	893	966	1,654	3,839
2. Eastern channel		17,799	19,293	73,059	4,598	79	70	310	89	103	139	962	953	4,029	30	51	474
3. Central do.		6,529	8,435	27,639	3,861	132	134	529	93	111	142	154	186	737	9	11	175
4. Southern do.		9,605	13,505	38,363	5,006	122	153	484	35	43	55	506	1,218	2,263	19	36	237
Total ..	94,000	35,848	44,483	1,46,759	14,831	939	1,201	3,751	256	304	395	1,817	2,740	7,922	1,024	1,752	4,725

Statement of lands irrigated under the Srívaikuntham, Pennér and Sangam Anicut Systems in the districts of Tinnevelly and Nellore for fasli 1296 (1886-87)—*cont.*

Name of canal.	GOVERNMENT—*cont.*						ZEMINDARI.										
	Total.			Second crop.		Total assessment, land and water.	Irrigated free of charge.		Irrigated and charged.						Total.		
	Extent.	Assessment.		Extent.	Water-rate.		Extent.		Dry converted into wet.		Dry crops watered.		Second crop.		Extent.		Water-rate.
		Land.	Water.				First crop.	Second crop.	First crop.		First crop.		Extent.	Water-rate.	First crop.	Second crop.	
									Extent.	Water-rate.	Extent.	Water-rate.					
	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
Srivaikuntham Anicut.	ACS.	RS.	RS.	ACS.	RS.	RS.	ACS.	ACS.	ACS.	RS.	ACS.	RS.	ACS.	RS.	ACS.	ACS.	RS.
1. North main canal	8,633	10,406	53,584	7,434	25,745	89,735	131	..	687	2,733	..	..	706	2,817	818	706	5,550
2. South do.	12,089	14,783	77,483	10,666	35,944	1,28,210	..	..	..	..	..	..	..	..	..	..	..
Total ..	20,722	25,189	1,31,067	18,100	61,689	2,17,945	131	..	687	2,733	..	..	706	2,817	818	706	5,550
Pennér Anicut.																	
1. Jaffer Saib canal	24,040	29,502	1,12,823	673	1,735	1,44,060	..	..	..	..	..	..	..	..	..	..	..
2. Sarvepalli do.	13,108	14,952	56,443	305	730	72,125	..	..	..	..	..	..	..	..	..	..	..
3. Kistnapatam do.	5,078	5,374	23,304	37	105	28,783	..	..	..	..	..	..	..	..	..	..	..
4. Nellore tank	4,903	6,222	21,956	15	51	28,229	..	..	..	..	..	..	..	..	..	..	..
Total ..	47,127	56,050	2,14,526	1,030	2,621	2,73,197	..	..	..	..	..	..	..	..	..	..	..
Sangam Anicut.																	
1. Duvvuru canal	3,721	6,178	16,283	37	124	22,586	..	..	..	..	..	..	..	..	..	..	..
2. Eastern channel	18,959	20,470	82,609	411	1,168	1,04,247	..	..	..	..	..	..	..	..	..	..	..
3. Central do.	6,917	8,877	33,083	72	166	42,126	..	..	..	..	..	..	..	..	..	..	..
4. Southern do.	10,287	14,955	46,408	76	227	61,590	..	..	..	..	..	..	..	..	..	..	..
Total ..	39,884	50,480	1,73,383	596	1,685	2,30,548	..	..	..	..	..	..	..	..	..	..	..

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Statement of lands irrigated under the Srîvaikuntham, Pennér and Sangam Anicut Systems in the districts of Tinnevelly and Nellore for fasli 1296 (1886-87)—*cont.*

Name of canal.	Inams.															Total Government, Zemindari and Inams.		
	Irrigated free of charge.				Irrigated and charged.								Total.			First crop.		
	Extent.		Quit-rent.		Dry converted into wet.			Dry crops watered.			Second crop.		Extent.		Quit-rent and water-rate.	Extent.		
					First crop.			First crop.										
	First crop.	Second crop.	Land at one-third.	Water at two-thirds.	Extent.	Quit-rent.	Water-rate.	Extent.	Quit-rent.	Water-rate.	Extent.	Water-rate.	First crop.	Second crop.		Actually irrigated or charged as such.	Waste remitted.	Total.
	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50		
Srîvaikuntham Anicut.	ACS.	ACS.	RS	RS.	ACS.	RS.	RS.	ACS.	RS.	RS.	ACS.	RS.	ACS.	ACS.	RS.	ACS.	ACS.	ACS.
1. North main canal	328	..	220	441	300	..	1,204	6	..	14	386	1,270	634	386	3,149	9,571	514	10,085
2. South do.	774	241	260	529	..	..	..	9	..	43	301	895	783	542	1,727	11,679	1,193	12,872
Total ..	1,102	241	480	970	300	..	1,204	15	..	57	687	2,165	1,417	928	4,876	21,250	1,707	22,957
Pennér Anicut.																		
1. Jaffer Saib canal	6,006	..	3,696	8,271	1,732	1,057	6,908	291	159	455	256	667	8,029	256	21,213	31,890	179	32,069
2. Sarvepalli do.	2,978	..	934	1,824	150	60	598	23	..	46	37	107	3,151	37	3,569	16,196	63	16,259
3. Kistnapatam canal	2,587	..	1,123	2,291	110	6	419	45	1	151	11	25	2,742	11	4,016	7,785	33	7,818
4. Nellore tank	1,842	..	443	886	60	7	241	5	..	8	9	37	1,907	9	1,622	6,266	544	6,810
Total ..	13,413	..	6,196	13,272	2,052	1,130	8,166	364	160	660	313	836	15,829	313	30,420	62,137	819	62,956
Sangam Anicut.																		
1. Duvvuru canal	583	..	143	287	179	13	888	11	1	34	2	7	773	2	1,373	4,155	339	4,494
2. Eastern channel	4,848	..	1,583	3,167	156	..	626	24	..	36	11	35	4,528	11	5,447	22,967	520	23,487
3. Central do.	1,360	..	571	1,143	86	3	342	20	1	30	3	10	1,466	3	2,100	8,227	156	8,383
4. Southern do.	2,080	..	1,052	2,103	158	69	640	58	11	101	16	44	2,296	16	4,020	11,447	1,136	12,583
Total ..	8,871	..	3,349	6,700	579	85	2,496	113	13	201	32	96	9,063	32	12,940	46,796	2,151	48,947

Statement of lands irrigated under the Srîvaikuntham, Pennér and Sangam Anicut Systems in the districts of Tinnevelly and Nellore for fasli 1296 (1886-87)—*cont.*

Name of canal.	Total Government, Zemindari and Inams—*cont.*												
	First crop—*cont.*		Second crop.			Water-rate.	Total assessment and water-rate.	Share due to irrigation, *i.e.*, sum of columns 52 and 54.	Deductions as per enclosure A.		Difference between columns 56 and 57, *i.e.*, net revenue due to irrigation.		
	Assessment.		Extent.										
	Land.	Water.	Actually irrigated or charged as such.	Waste remitted.	Total.				First crop.	Second crop.	First crop.	Second crop.	Total.
	51	52	53			54	55	56	57		58		
Srîvaikuntham Anicut.	RS.	RS.	ACS.	ACS.	ACS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
1. North main canal	10,626	57,976	8,347	179	8,526	29,832	98,434	87,808	4,058	853	53,918	28,979	82,897
2. South do.	15,043	78,055	10,481	727	11,208	36,839	1,29,937	1,14,894	7,242	1,857	70,813	34,982	1,05,795
Total ..	25,669	1,36,031	18,828	906	19,734	66,671	2,28,371	2,02,702	11,300	2,710	1,24,731	63,961	1,88,692
Pennér Anicut.													
1. Jaffer Saib canal	34,414	1,28,457	929	..	929	2,402	1,65,273	1,30,859	1,035	..	1,27,422	2,402	1,29,824
2. Sarvepalli do.	15,946	58,911	342	..	342	837	75,694	59,748	574	..	58,337	837	59,174
3. Kistnapatam canal	6,504	26,165	48	..	48	130	32,799	26,295	278	..	25,887	130	26,017
4. Nellore tank	6,672	23,091	24	..	24	88	29,851	23,179	2,464	..	20,627	88	20,715
Total ..	63,536	2,36,624	1,343	..	1,343	3,457	3,03,617	2,40,081	4,351	..	2,32,273	3,457	2,35,730
Sangam Anicut.													
1. Duvvuru canal	6,335	17,492	39	..	39	131	23,958	17,623	1,954	..	15,538	131	15,669
2. Eastern channel	22,053	86,438	419	3	432	1,203	1,09,694	87,641	2,420	9	84,018	1,194	85,212
3. Central do.	9,452	34,598	75	..	75	176	44,226	34,774	870	..	33,728	176	33,904
4. Southern do.	16,087	49,252	92	..	92	271	65,610	49,523	2,857	..	46,395	271	46,666
Total ..	53,927	1,87,780	625	3	628	1,781	2,43,488	1,89,561	8,101	9	1,79,679	1,772	1,81,451

(Signed) P. RAJARATNA MUDALIAR,
Secretary.

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Statement of lands irrigated under the Srivaikuntham, Pennér and Sangam Anicut Systems in the districts of Tinnevelly and Nellore for fasli 1296 (1886-87)—*cont.*

Name of canal.	INAMS.															TOTAL GOVERNMENT, ZEMINDARI AND INAMS.		
	Irrigated free of charge.				Irrigated and charged.								Total.			First crop.		
	Extent.		Quit-rent.		Dry converted into wet.			Dry crops watered.			Second crop.		Extent.		Quit-rent and water-rate.	Extent.		
	First crop.	Second crop.	Land at one-third.	Water at two-thirds.	First crop.			First crop.			Extent.	Water-rate.	First crop.	Second crop.		Actually irrigated or charged as such.	Waste remitted.	Total.
					Extent.	Quit-rent.	Water-rate.	Extent.	Quit-rent.	Water-rate.								
	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50		
	ACS.	ACS.	RS	RS.	ACS.	RS.	RS.	ACS.	RS.	RS.	ACS.	RS.	ACS.	ACS.	RS.	ACS.	ACS.	ACS.
Srivaikuntham Anicut.																		
1. North main canal	328	..	220	441	300	..	1,204	6	..	14	386	1,270	634	386	3,149	9,571	514	10,085
2. South do.	774	241	260	529	..	..	..	9	..	43	301	895	783	542	1,727	11,679	1,193	12,872
Total ..	1,102	241	480	970	300	..	1,204	15	..	57	687	2,165	1,417	928	4,876	21,250	1,707	22,957
Pennér Anicut.																		
1. Jaffer Saib canal	6,006	..	3,696	8,271	1,732	1,057	6,908	291	159	455	256	667	8,029	256	21,213	31,890	179	32,069
2. Sarvepalli do.	2,978	..	934	1,824	150	60	598	23	..	46	37	107	3,151	37	3,569	16,196	63	16,259
3. Kistnapatam canal	2,587	..	1,123	2,291	110	6	419	45	1	151	11	25	2,742	11	4,016	7,785	33	7,818
4. Nellore tank	1,842	..	443	886	60	7	241	5	..	8	9	37	1,907	9	1,622	6,266	544	6,810
Total ..	13,418	..	6,196	13,272	2,052	1,130	8,166	364	160	660	313	836	15,829	313	30,420	62,137	819	62,956
Sangam Anicut.																		
1. Duvvuru canal	583	..	143	287	179	13	888	11	1	34	2	7	773	2	1,373	4,155	339	4,494
2. Eastern channel	4,348	..	1,583	3,167	156	..	626	24	..	36	11	35	4,628	11	5,447	22,967	520	23,487
3. Central do.	1,860	..	571	1,143	86	3	342	20	1	30	3	10	1,466	3	2,100	8,227	156	8,383
4. Southern do.	2,080	..	1,052	2,103	158	69	640	58	11	101	16	44	2,296	16	4,020	11,447	1,136	12,583
Total ..	8,871	..	3,349	6,700	579	85	2,496	113	13	201	32	96	9,063	32	12,940	46,796	2,151	48,947

Statement of lands irrigated under the Srivaikuntham, Pennér and Sangam Anicut Systems in the districts of Tinnevelly and Nellore for fasli 1296 (1886-87)—*cont.*

Name of canal.	TOTAL GOVERNMENT, ZEMINDARI AND INAMS—*cont.*												
	First crop—*cont.*		Second crop.			Water-rate.	Total assessment and water-rate.	Share due to irrigation, *i.e.*, sum of columns 52 and 54.	Deductions as per enclosure A.		Difference between columns 56 and 57, *i.e.*, net revenue due to irrigation.		
	Assessment.		Extent.										
	Land.	Water.	Actually irrigated or charged as such.	Waste remitted.	Total.				First crop.	Second crop.	First crop.	Second crop.	Total.
	51	52	53			54	55	56	57		58		
	RS.	RS.	ACS.	ACS.	ACS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Srivaikuntham Anicut.													
1. North main canal	10,626	57,976	8,347	179	8,526	29,832	98,434	87,808	4,058	853	53,918	28,979	82,897
2. South do.	15,043	78,055	10,481	727	11,208	36,839	1,29,937	1,14,894	7,242	1,857	70,813	34,982	1,05,795
Total ..	25,669	1,36,031	18,828	906	19,734	66,671	2,28,371	2,02,702	11,300	2,710	1,24,731	63,961	1,88,692
Pennér Anicut.													
1. Jaffer Saib canal	34,414	1,28,457	929	..	929	2,402	1,65,273	1,30,859	1,035	..	1,27,422	2,402	1,29,824
2. Sarvepalli do.	15,946	58,911	342	..	342	837	75,694	59,748	574	..	58,337	837	59,174
3. Kistnapatam canal	6,504	26,165	48	..	48	130	32,799	26,295	278	..	25,887	130	26,017
4. Nellore tank	6,672	23,091	24	..	24	88	29,851	23,179	2,464	..	20,627	88	20,715
Total ..	63,536	2,36,624	1,343	..	1,343	3,457	3,03,617	2,40,081	4,351	..	2,32,273	3,457	2,35,730
Sangam Anicut.													
1. Duvvuru canal	6,335	17,492	39	..	39	131	23,958	17,623	1,954	..	15,538	131	15,669
2. Eastern channel	22,053	86,438	419	3	432	1,203	1,09,694	87,641	2,420	9	84,018	1,194	85,212
3. Central do.	9,452	34,598	75	..	75	176	44,226	34,774	870	..	33,728	176	33,904
4. Southern do.	16,087	49,252	92	..	92	271	65,610	49,523	2,857	..	46,395	271	46,666
Total ..	53,927	1,87,780	625	3	628	1,781	2,43,488	1,89,561	8,101	9	1,79,679	1,772	1,81,451

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3574/16

ENCLOSURE A.

MEMORANDUM showing causes of deductions in column 57.

Name of canal.	Fixed.	Temporary.	Occasional, *i.e.*, remissions proper and refunds. Excess of water. Area.	Excess of water. Assessment, land and water.	Defect of water. Area.	Defect of water. Assessment, land and water.	Other causes. Area.	Other causes. Amount.	Total deductions. Amount.
	1	2	3		4		5		6
	RS.	RS.	ACS.	RS.	ACS.	RS.	ACS.	RS.	RS.
Srivaikuntham Anicut.									
1. North main canal	..	2,395	317	1,413	290	800	86	303	4,911
2. South do.	..	2,197	198	605	1,657	5,995	65	302	9,099
Total ..	..	4,592	515	2,018	1,947	6,795	151	605	14,010
Pennér Anicut.									
1. Jaffer Saib canal	..	197	..	..	179	838	..	..	1,035
2. Sarvepalli do.	..	284	..	..	63	290	..	..	574
3. Kistnapatam canal	..	131	..	..	33	147	..	..	278
4. Nellore tank	..	93	..	..	544	2,371	..	..	2,464
Total ..	..	705	..	..	819	3,646	..	..	4,351
Sangam Anicut.									
1. Duvvuru canal	..	83	168	793	171	1,078	..	..	1,954
2. Eastern channel	..	628	..	..	523	1,801	..	..	2,429
3. Central do.	..	110	..	..	156	760	..	..	870
4. Southern do.	..	344	7	49	1,129	2,464	..	..	2,857
Total ..	..	1,165	175	842	1,979	6,103	..	..	8,110

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ENCLOSURE B.

PARTICULARS of remissions entered in column 57.

Name of canal.	Government. Usual wet. Assessment. Land.	Usual wet. Water.	Usual wet. Total.	Dry converted into wet and dry crops watered. Assessment. Land.	Dry converted. Water.	Waste brought in. Assessment. Land.	Waste brought in. Water.	Miscellaneous. Assessment. Land.	Miscellaneous. Water.	Second crop. Water-rate.	Total. Assessment. Land.	Total. Water.	Total. Total.	Zemindari. Water-rate. First crop.	Zemindari. Second crop.	Inams. Water-rate. First crop.	Inams. Second crop.	Total of remissions. First crop.	Total of remissions. Second crop.	Total of remissions. Total.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14		15		16		
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Srivaikuntham Anicut.																				
1. North main canal ..	71	1,994	2,065	30	389	245	1,281	..	..	852	341	4,516	4,857	48	..	5	1	4,058	853	4,911
2. South do. ..	23	1,553	1,576	21	1,401	34	4,209	..	1	1,857	78	9,021	9,099	..	..	..	..	7,242	1,857	9,099
Total ..	94	3,547	3,641	51	1,790	274	5,490	..	1	2,709	419	13,537	13,956	48	..	5	1	11,300	2,710	14,010
Pennér Anicut.																				
1. Jaffer Saib canal ..	2	332	334	..	80	1	620	..	..	..	3	1,032	1,035	..	..	..	..	1,035	..	1,035
2. Sarvepalli do. ..	..	199	199	..	22	2	351	..	..	..	2	572	574	..	..	..	..	574	..	574
3. Kistnapatam canal ..	17	192	209	..	9	7	53	..	..	..	24	254	278	..	..	..	..	278	..	278
4. Nellore tank ..	..	1,007	1,007	1	370	..	1,045	..	41	..	1	2,463	2,464	..	..	..	..	2,464	..	2,464
Total ..	19	1,730	1,749	1	481	10	2,069	..	41	..	30	4,321	4,351	..	..	..	..	4,351	..	4,351
Sangam Anicut.																				
1. Duvvuru canal ..	9	854	863	..	..	308	783	..	..	..	317	1,637	1,954	..	..	..	..	1,954	..	1,954
2. Eastern channel ..	388	1,912	2,300	..	..	24	92	..	..	9	412	2,013	2,425	..	..	4	..	2,420	9	2,429
3. Central do. ..	..	690	690	..	..	32	148	..	..	..	32	838	870	..	..	..	..	870	..	870
4. Southern do. ..	68	1,097	1,165	..	..	661	1,031	..	..	..	729	2,128	2,857	..	..	..	..	2,857	..	2,857
Total ..	465	4,553	5,018	..	..	1,025	2,054	..	..	9	1,490	6,616	8,106	..	..	4	..	8,101	9	8,110

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ENCLOSURE D.

MEMORANDUM showing the remissions saved by the work on usual wet and the amount of certain other items to be credited to the work.

Name of canal.	Usual wet. Total assessment land and water, columns 3 and 4 of the statement.	Usual wet. Remissions at normal percentage.	Usual wet. Actual remissions granted—vide column 3 of enclosure B.	Usual wet. Difference between columns 2 and 3, i.e., remissions saved.	Dry converted into wet and dry crops watered. Total charge exclusive of remissions.	Dry converted into wet and dry crops watered. Average (five years) charge prior to the work.	Dry converted into wet and dry crops watered. Difference between columns 5 and 6.	Zemindari and Inams. Total charge exclusive of remissions.	Zemindari and Inams. Average (five years) charge prior to the work.	Zemindari and Inams. Difference between columns 8 and 9.	Second crop. Total charge exclusive of remissions.	Second crop. Average (five years) charge prior to the work.	Second crop. Difference between columns 11 and 12.
	1	2	3	4	5	6	7	8	9	10	11	12	13
Srivaikuntham Anicut.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
1. North main canal ..	36,302	2,838	2,065	773	9,733	56	9,677	3,898	..	3,898	28,979	5,134	23,845
2. South do. ..	52,748	6,476	1,576	4,900	12,933	46	12,887	43	..	43	34,982	12,800	22,182
Total ..	89,050	9,314	3,641	5,673	22,666	102	22,564	3,941	..	3,941	63,961	17,934	46,027
Pennér Anicut.													
1. Jaffer Saib canal ..	84,946	10,382	334	10,048	12,200	982	11,218	7,363	63	7,300	2,402	256	2,146
2. Sarvepalli do. ..	35,141	4,390	199	4,191	2,610	277	2,323	644	10	634	837	138	699
3. Kistnapatam canal ..	15,350	2,230	209	2,021	1,376	112	1,264	570	..	570	130	108	22
4. Nellore tank ..	19,941	1,256	1,007	249	1,546	467	1,089	249	..	249	88	617	— 529
Total ..	1,55,378	18,258	1,749	16,509	17,732	1,838	15,894	8,826	73	8,753	3,457	1,119	2,338
Sangam Anicut.													
1. Duvvuru canal ..	10,948	2,626	863	1,763	2,487	76	2,411	922	17	905	131	233	— 102
2. Eastern channel ..	92,352	12,579	2,300	10,279	449	180	269	658	98	560	1,194	1,021	173
3. Central do. ..	36,074	8,740	690	8,050	671	79	592	372	26	346	176	89	87
4. Southern do. ..	51,868	7,283	1,165	6,118	539	227	312	741	211	530	271	146	125
Total ..	1,91,242	31,228	5,018	26,210	4,146	562	3,584	2,693	352	2,341	1,772	1,489	283

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STATEMENT of lands irrigated under the Cauvery Anicut System in the districts of Tanjore and Trichinopoly for fasli 1296 (1886-87).

Name of canal.	Irrigable area of Government, Zemindari and Inams.	Government. Usual wet. Extent.	Usual wet. Assessment. Land.	Usual wet. Assessment. Water.	Usual wet. Assessment. Total.	Dry converted into wet. Extent.	Dry converted into wet. Assessment. Land.	Dry converted into wet. Assessment. Water.	Dry crops watered. Extent.	Dry crops watered. Assessment. Land.	Dry crops watered. Assessment. Water.	Waste brought in. Extent.	Waste brought in. Assessment. Land.	Waste brought in. Assessment. Water.	Miscellaneous. Extent.	Miscellaneous. Assessment. Land.	Miscellaneous. Assessment. Water.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Cauvery Section.	ACS.	ACS.	RS.	RS.	RS.	ACS.	RS.	RS.	ACS.	RS.	RS.	ACS.	RS.	RS.	ACS.	RS.	RS.
1. Cauvery	200,479	124,961	1,88,412	4,53,000	6,41,412	17,922	22,007	43,300	7,578	11,899	13,525	15,087	20,592	43,551	743	1,574	2,938
2. Codamurti	39,170	24,709	48,109	1,14,009	1,62,118	1,151	2,159	2,844	1,883	3,852	3,439	2,379	4,346	7,993	99	161	369
3. Arasillár	19,591	12,672	24,007	46,229	70,236	942	1,665	2,276	1,159	2,452	2,104	1,593	2,998	4,231	109	133	358
4. Tirumalrajanar	8,422	5,764	9,516	24,918	34,434	434	703	1,056	752	1,263	1,167	484	772	1,466	49	13	83
5. Mudikondanar	40,928	30,830	52,577	1,21,443	1,74,020	1,312	2,267	3,254	1,323	2,397	2,580	3,813	6,371	10,392	370	419	1,079
6. Nattar	9,982	7,985	14,991	34,406	49,397	321	571	863	356	663	712	246	617	1,152	51	49	220
7. Kirthimanar	11,649	8,379	17,998	29,285	47,283	413	853	1,025	349	741	594	505	1,049	1,262	97	71	306
8. Veerasholan	30,758	25,013	40,040	90,519	1,30,559	1,111	1,775	3,170	1,532	2,606	2,954	1,401	2,139	4,051	186	170	661
9. Puthar	8,896	6,949	14,427	30,266	44,693	326	697	870	307	687	588	505	1,063	1,580	68	119	295
10. Solasudamaniyar	10,459	7,941	15,608	35,352	50,960	398	786	1,008	423	851	737	825	1,603	2,750	61	73	181
11. Munja Voikal	15,521	11,018	15,201	37,344	52,545	754	906	1,732	526	728	958	1,445	1,673	3,819	35	32	262
12. Vellappar	19,437	15,699	23,565	51,305	74,870	515	760	1,151	311	511	476	1,771	2,532	4,490	118	132	363
13. Mahimalayar	11,529	8,983	11,164	29,671	40,835	460	647	1,245	313	467	646	758	877	1,548	38	27	174
14. Petharasanar	88	83	82	241	423	..	..	..	..	..	..	4	4	12	..	..	..
15. Vanjiar	3,424	2,551	4,331	10,091	14,422	141	200	353	69	82	142	302	409	926	43	37	99
16. Noolar	11,134	8,589	11,752	29,932	41,684	564	727	1,601	387	463	750	947	1,293	2,622	100	69	295
17. South Puthar	316	230	342	464	806	6	9	13	1	2	2	69	105	123	..	..	2
18. Manniyar	55,354	36,685	65,041	1,52,875	2,17,916	3,105	5,459	7,639	3,508	6,630	5,414	5,437	7,745	14,994	288	166	765
Total ..	497,137	339,041	5,57,163	12,91,450	18,48,613	29,875	42,191	73,400	20,767	36,294	36,788	37,671	56,188	1,07,202	2,460	3,245	8,450
Vennár Section.																	
1. Vennár	97,123	64,695	87,570	2,53,842	3,41,412	5,570	7,653	11,144	1,361	1,787	2,564	12,833	16,286	30,707	355	250	750
2. Vetár	47,717	35,611	51,314	1,36,900	1,88,214	772	1,181	1,595	1,531	2,138	2,992	4,013	5,622	11,518	274	243	724
3. Odambogyar	51,447	38,103	57,205	1,48,580	2,05,785	638	979	1,091	686	1,084	1,309	3,337	4,514	9,598	288	389	673
4. Koraiar	50,662	31,353	41,085	72,481	1,13,566	682	836	1,091	127	127	227	11,140	14,366	16,921	79	56	150
5. Pamaniyar	39,880	23,637	29,976	65,151	95,127	942	1,065	1,719	118	133	199	5,508	6,050	10,703	52	34	86
6. Pandavayar	22,753	18,739	28,377	76,984	1,05,361	360	520	969	396	583	770	1,822	2,599	5,054	135	149	314
7. Vettayar	42,095	30,566	39,838	1,10,185	1,50,023	879	1,161	1,664	574	693	1,129	5,300	6,368	13,106	180	163	371
8. Athiviraramanar	4,235	3,300	5,490	11,807	17,297	95	147	226	13	23	31	188	303	505	4	3	9
9. Harichendranadi	30,158	16,787	23,903	52,791	76,694	547	751	874	55	69	83	9,201	13,685	22,754	29	36	93
10. Mulliyar	32,928	17,308	21,053	52,331	73,384	620	732	985	201	217	391	6,235	7,650	13,643	41	45	66
11. Iyanar	3,494	2,557	2,992	6,083	9,075	79	114	166	31	42	52	476	740	639	4	5	5
Total ..	422,402	282,456	3,88,803	9,87,135	13,75,938	11,184	15,039	21,524	5,093	6,895	9,747	60,113	78,183	1,35,148	1,441	1,373	3,241
Grand Total ..	919,539	621,497	9,45,966	22,78,585	32,24,551	41,059	57,230	94,924	25,860	43,189	46,535	97,784	1,34,371	2,42,350	3,891	4,618	11,691

Statement of lands irrigated under the Cauvery Anicut System in the districts of Tanjore and Trichinopoly for fasli 1296 (1886-87)—*cont.*

Name of canal.	GOVERNMENT—*cont.*						ZEMINDARI.										
	Total.			Second crop.		Total assessment, land and water.	Irrigated free of charge.		Irrigated and charged.						Total.		
	Extent.	Assessment.		Extent.	Water-rate.		Extent.		Dry converted into wet.		Dry crops watered.		Second crop.		Extent.		Water-rate.
		Land.	Water.				First crop.	Second crop.	First crop.		First crop.		Extent.	Water-rate.	First crop.	Second crop.	
									Extent.	Water-rate.	Extent.	Water-rate.					
	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
Cauvery Section.	ACS.	RS.	RS.	ACS.	RS.	RS.	ACS.	ACS.	ACS.	RS.	ACS.	RS.	ACS.	RS.	ACS.	ACS.	RS.
1. Cauvery	166,291	2,44,484	5,56,314	35,492	80,979	8,81,777	..	..	..	..	..	..	..	..	..	..	..
2. Codamurti	30,221	58,627	1,28,654	9,240	32,713	2,19,994	..	..	..	..	..	..	..	..	..	..	..
3. Arasillár	16,475	31,255	55,198	1,413	3,730	90,183	..	..	..	..	..	..	..	..	..	..	..
4. Tirumalrajanar	7,483	12,267	28,630	1,386	4,314	45,211	..	..	..	..	..	..	..	..	..	..	..
5. Mudikondanar	37,648	64,031	1,38,748	2,179	6,035	2,08,814	..	..	..	..	..	..	..	..	..	..	..
6. Nattar	9,059	16,891	37,353	749	2,153	56,397	..	..	..	..	..	..	..	..	..	..	..
7. Kirthimanar	9,743	20,712	32,472	535	1,520	54,704	..	..	..	..	..	..	..	..	..	..	..
8. Veerasholan	29,243	46,730	1,01,355	3,132	8,255	1,56,340	..	..	..	..	..	..	..	..	..	..	..
9. Puthar	8,155	16,993	33,599	423	1,341	51,933	..	..	..	..	..	..	..	..	..	..	..
10. Solasudamaniyar	9,648	18,921	40,028	591	1,854	60,803	..	..	..	..	..	..	..	..	..	..	..
11. Munja Voikal	13,778	18,540	44,115	834	1,955	64,610	..	..	..	..	..	..	..	..	..	..	..
12. Vellappar	18,414	27,500	57,785	694	1,663	86,948	..	..	..	..	..	..	..	..	..	..	..
13. Mahimalayar	10,552	13,182	33,584	562	1,458	48,224	..	..	..	..	..	..	..	..	..	..	..
14. Petharasanar	87	86	353	3	8	447	..	..	..	..	..	..	..	..	..	..	..
15. Vanjiar	3,096	5,059	11,611	229	585	17,255	..	..	..	..	..	..	..	..	..	..	..
16. Noolar	10,587	14,304	35,200	508	1,453	50,957	..	..	..	..	..	..	..	..	..	..	..
17. South Puthar	306	458	604	12	22	1,084	..	..	..	..	..	..	..	..	..	..	..
18. Munniyar	49,018	85,041	1,81,687	4,167	11,934	2,78,662	..	..	..	..	..	..	..	..	..	..	..
Total ..	429,804	6,95,081	15,17,290	62,149	1,61,972	23,74,343	..	..	..	..	..	..	..	..	..	..	..
Vennár Section.																	
1. Vennár	84,814	1,13,446	2,99,007	8,246	23,213	4,35,666	..	..	..	..	..	..	..	..	..	..	..
2. Vetár	42,201	60,498	1,53,729	3,340	9,598	2,23,825	..	..	..	..	..	..	..	..	..	..	..
3. Odambogyar	43,052	64,171	1,61,251	723	1,812	2,27,234	..	..	..	..	..	..	..	..	..	..	..
4. Koraiar	43,381	56,470	90,870	3,021	4,839	1,52,179	..	..	..	..	..	..	..	..	..	..	..
5. Pamaniyar	36,257	37,258	77,858	2,498	4,536	1,19,652	339	..	..	..	..	..	..	..	339	..	..
6. Pandavayar	21,452	32,228	84,091	517	1,443	1,17,762	..	..	..	..	..	..	..	..	..	..	..
7. Vellayar	37,499	48,223	1,26,455	1,659	3,942	1,78,620	..	..	..	..	..	..	..	..	..	..	..
8. Athiviraramanar	3,600	5,965	12,578	142	389	18,932	..	..	..	..	..	..	..	..	..	..	..
9. Harichendranadi	26,619	38,444	76,595	1,049	2,258	1,17,297	..	..	..	..	..	..	..	..	..	..	..
10. Mulliyar	24,465	29,697	67,416	1,433	2,824	99,937	..	..	..	..	..	..	..	..	..	..	..
11. Iyanar	2,947	3,893	6,945	224	387	11,225	..	..	..	..	..	..	..	..	..	..	..
Total ..	360,287	4,90,293	11,56,795	22,852	55,241	17,02,329	339	..	..	..	..	..	..	..	339	..	..
Grand Total ..	790,091	11,85,374	26,74,085	85,001	2,17,213	40,76,672	339	..	..	..	..	..	..	..	339	..	..

Statement of lands irrigated under the Cauvery anicut system in the districts of Tanjore and Trichinopoly for fasli 1296 (1886-87)—*cont.*

Name of canal.	INAMS.															TOTAL GOVERNMENT, ZEMINDARI AND INAMS.		
	Irrigated free of charge.				Irrigated and charged.								Total.			First crop.		
	Extent.		Quit-rent.		Dry converted into wet.			Dry crops watered.			Second crop.		Extent.		Quit-rent and water-rate.	Extent.		
	First crop.	Second crop.	Land at one-third.	Water at two-thirds.	First crop.			First crop.			Extent.	Water-rate.	First crop.	Second crop.		Actually irrigated or charged as such.	Waste remitted.	Total.
					Extent.	Quit-rent.	Water-rate.	Extent.	Quit-rent.	Water-rate.								
	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50		
Cauvery Section.	ACS.	ACS.	RS.	RS.	ACS.	RS.	RS.	ACS.	RS.	RS.	ACS.	RS.	ACS.	ACS.	RS.	ACS.	ACS.	ACS.
1. Cauvery	28,995	4,736	5,709	12,305	2,365	153	4,956	1,752	336	3,071	3,493	4,174	33,112	8,229	30,704	199,403	..	199,403
2. Codamurti	8,914	1,087	649	1,741	444	44	1,024	282	47	447	1,890	2,506	9,640	2,977	6,458	39,861	..	39,861
3. Arasillár	2,647	208	712	1,492	189	29	385	122	10	189	246	311	2,958	454	3,128	19,433	..	19,433
4. Tirumalrajanar	764	55	94	193	49	9	96	107	16	174	173	301	920	228	883	8,403	..	8,403
5. Mudikondanar	2,700	7	1,064	1,887	128	42	249	110	29	181	71	92	2,938	78	3,544	40,586	..	40,586
6. Nattar	871	7	40	83	11	1	22	31	3	40	30	86	913	37	275	9,972	..	9,972
7. Kirthimanar	1,659	36	409	832	65	18	122	75	22	113	68	74	1,799	104	1,590	11,542	..	11,542
8. Veerasholan	1,310	27	460	728	54	9	96	94	5	156	112	177	1,458	139	1,631	30,701	..	30,701
9. Puthar	532	7	46	110	58	26	116	21	4	36	15	14	611	22	352	8,766	..	8,766
10. Solasudamaniyar	697	..	177	355	34	27	72	35	6	58	10	10	764	10	705	10,412	..	10,412
11. Munja Voikal	1,605	36	135	302	53	2	115	45	..	64	97	169	1,703	133	787	15,481	..	15,481
12. Vellappar	781	5	210	420	38	9	75	20	4	38	24	24	839	29	780	19,253	..	19,253
13. Mahimalayar	858	1	78	155	44	1	106	50	22	75	70	146	952	71	583	11,504	..	11,504
14. Petharasanar	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	87	..	87
15. Vanjiar	305	..	8	17	18	..	46	7	1	12	1	1	330	1	85	3,426	..	3,426
16. Noolar	389	..	95	190	72	1	132	45	1	78	3	2	506	3	499	11,093	..	11,093
17. South Puthar	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	306	..	306
18. Manniyar	5,581	250	898	1,884	407	42	732	304	53	439	523	661	6,292	773	4,709	55,310	..	55,310
Total ..	58,608	6,462	10,784	22,694	4,029	413	8,344	3,098	559	5,171	6,826	8,748	65,735	13,288	56,713	495,539	..	495,539
Vennár Section.																		
1. Vennár	9,672	289	1,573	3,290	448	74	821	192	27	331	203	203	10,312	492	6,319	95,116	10	95,126
2. Vetár	4,650	41	910	1,840	141	10	249	140	22	236	83	99	4,931	124	3,366	47,132	..	47,132
3. Odambogyar	8,274	18	1,526	3,082	197	4	366	301	15	653	94	100	8,772	112	5,746	51,824	..	51,824
4. Koraiar	6,303	183	1,653	3,354	248	34	457	69	15	105	182	172	6,620	365	5,790	49,843	158	50,001
5. Pamaniyar	8,197	7	3,367	6,716	226	17	377	2	..	2	215	209	8,425	222	10,688	38,858	163	39,021
6. Pandavayar	664	..	78	157	22	..	29	136	53	177	11	14	822	11	508	22,274	..	22,274
7. Vellayar	2,928	10	146	297	49	15	97	84	5	132	58	57	3,061	68	749	40,560	..	40,560
8. Athiviraramanar	545	..	4	8	2	..	5	1	..	1	3	3	548	3	21	4,148	..	4,148
9. Harichandranadi	1,049	18	216	439	39	7	72	1	..	1	12	16	1,089	30	751	26,833	875	27,708
10. Mulliyar	7,222	16	2,417	4,313	81	9	122	157	1	252	79	69	7,460	95	7,183	31,276	649	31,925
11. Iyanar	444	2	172	344	7	..	14	..	..	..	12	11	451	14	541	3,398	..	3,398
Total ..	49,948	584	12,062	23,840	1,460	170	2,609	1,083	138	1,890	952	953	52,491	1,536	41,662	411,262	1,855	413,117
Grand Total ..	108,556	7,046	22,846	46,534	5,489	583	10,953	4,181	697	7,061	7,778	9,701	118,226	14,824	98,375	906,801	1,855	908,656

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Statement of lands irrigated under the Cauvery anicut system in the districts of Tanjore and Trichinopoly for fasli 1296 (1886-87)—*cont.*

Name of canal.	Total Government, Zemindari and Inams—*cont.*												
	First crop—*cont.*		Second crop.			Water-rate.	Total assessment and water-rate.	Share due to irrigation, *i.e.*, sum of columns 52 and 54.	Deductions as per enclosure A.		Difference between columns 56 and 57, *i.e.*, net revenue due to irrigation.		
	Assessment.		Extent.										
	Land.	Water.	Actually irrigated or charged as such.	Waste remitted.	Total.				First crop.	Second crop.	First crop.	Second crop.	Total.
	51	52	53			54	55	56	57		58		
Cauvery Section.	RS.	RS.	ACS.	ACS.	ACS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
1. Cauvery	2,50,682	5,76,646	43,721	..	43,721	85,153	9,12,481	6,61,799	4,097	742	5,72,549	84,411	6,56,960
2. Codamurti	59,367	1,31,866	12,217	..	12,217	35,219	2,26,452	1,67,085	201	..	1,31,665	35,219	1,66,884
3. Arasillár	32,006	57,264	1,867	..	1,867	4,041	93,311	61,305	..	..	57,264	4,041	61,305
4. Tirumalrajanar	12,386	29,093	1,614	..	1,614	4,615	46,094	33,708	..	..	29,093	4,615	33,708
5. Mudikondanar	65,166	1,41,065	2,257	..	2,257	6,127	2,12,358	1,47,192	..	..	1,41,065	6,127	1,47,192
6. Nattar	16,935	37,498	786	..	786	2,239	56,672	39,737	..	..	37,498	2,239	39,737
7. Kirthimanar	21,161	33,539	639	..	639	1,594	56,294	35,133	..	..	33,539	1,594	35,133
8. Veerasholan	47,204	1,02,335	3,271	..	3,271	8,432	1,57,971	1,10,767	..	..	1,02,335	8,432	1,10,767
9. Puthar	17,069	33,861	445	..	445	1,355	52,285	35,216	..	..	33,861	1,355	35,216
10. Solasudamaniyar	19,131	40,513	601	..	601	1,864	61,508	42,377	..	..	40,513	1,864	42,377
11. Munja Voikal	18,677	44,596	967	..	967	2,124	65,397	46,720	..	..	44,596	2,124	46,720
12. Vellappar	27,723	58,318	723	..	723	1,687	87,728	60,005	..	..	58,318	1,687	60,005
13. Mahimalayar	13,283	33,920	633	..	633	1,604	48,807	35,524	..	..	33,920	1,604	35,524
14. Petharasanar	86	353	3	..	3	8	447	361	..	..	353	8	361
15. Vanjiar	5,068	11,686	230	..	250	586	17,340	12,272	..	..	11,686	586	12,272
16. Noolar	14,401	35,600	511	..	511	1,455	51,456	37,055	..	..	35,600	1,455	37,055
17. South Puthar	458	604	12	..	12	22	1,084	626	..	..	604	22	626
18. Manniyar	86,034	1,84,742	4,940	..	4,940	12,595	2,83,371	1,97,337	3	..	1,84,739	12,595	1,97,334
Total ..	7,06,837	15,53,499	75,437	..	75,437	1,70,720	24,31,056	17,24,219	4,301	742	15,49,198	1,69,978	17,19,176
Vennár Section.													
1. Vennár	1,15,120	3,03,449	8,738	..	8,738	23,416	4,41,985	3,26,865	346	1	3,03,103	23,415	3,26,518
2. Vetár	61,440	1,56,054	3,464	..	3,464	9,697	2,27,191	1,65,751	350	1	1,55,704	9,696	1,65,400
3. Odambogyar	65,716	1,65,352	835	..	835	1,912	2,32,980	1,67,264	..	..	1,65,352	1,912	1,67,264
4. Koraiar	58,172	94,786	3,386	..	3,386	5,011	1,57,969	99,797	391	..	94,395	5,011	99,406
5. Pamaniyar	40,642	84,953	2,720	..	2,720	4,745	1,30,340	89,698	415	..	84,538	4,745	89,283
6. Pandavayar	32,359	84,454	528	..	528	1,457	1,18,270	85,911	..	..	84,454	1,457	85,911
7. Vellayar	48,389	1,26,981	1,727	..	1,727	3,999	1,79,369	1,30,980	..	..	1,26,981	3,999	1,30,980
8. Athiviramanar	5,969	12,592	145	..	145	392	18,953	12,984	..	..	12,592	392	12,984
9. Harichandranadi	38,667	77,107	1,079	..	1,079	2,274	1,18,048	79,381	3,001	..	74,106	2,274	76,380
10. Mulliyar	32,124	72,103	1,528	..	1,528	2,893	1,07,120	74,996	1,983	..	70,120	2,893	73,013
11. Iyanar	4,065	7,303	238	..	238	398	11,766	7,701	..	..	7,303	398	7,701
Total ..	5,02,663	11,85,134	24,388	..	24,388	56,194	17,43,991	12,41,328	6,486	2	11,78,648	56,192	12,34,840
Grand Total ..	12,09,500	27,38,633	99,825	..	99,825	2,26,914	41,75,047	29,65,547	10,787	744	27,27,846	2,26,170	29,54,016

(Signed) P. RAJARATNA MUDALIAR,
Secretary.

Enclosure A.

Memorandum showing causes of deductions in column 57.

Name of canal.	Fixed.	Temporary.	Occasional, *i.e.*, Remissions proper and Refunds.						Total deductions.
			Excess of water.		Defect of water.		Other causes.		Amount.
			Area.	Assessment, land and water.	Area.	Assessment, land and water.	Area.	Amount.	
	1	2	3		4		5		6
Cauvery Section.	RS.	RS.	ACS.	RS.	ACS.	RS.	ACS.	RS.	RS.
1. Cauvery	4,696	143	..	..	..	..	..	..	4,839
2. Codamurti	..	201	..	..	..	..	..	..	201
3. Arasillár	..	..	..	..	..	..	..	..	..
4. Tirumalrajanar	..	..	..	..	..	..	..	..	..
5. Mudikondanar	..	..	..	..	..	..	..	..	..
6. Nattar	..	..	..	..	..	..	..	..	..
7. Kirthimanar	..	..	..	..	..	..	..	..	..
8. Veerasholan	..	..	..	..	..	..	..	..	..
9. Puthar	..	..	..	..	..	..	..	..	..
10. Solasudamaniyar	..	..	..	..	..	..	..	..	..
11. Munja Voikal	..	..	..	..	..	..	..	..	..
12. Vellappar	..	..	..	..	..	..	..	..	..
13. Mahimalayar	..	..	..	..	..	..	..	..	..
14. Petharasanar	..	..	..	..	..	..	..	..	..
15. Vanjiar	..	..	..	..	..	..	..	..	..
16. Noolar	..	..	..	..	..	..	..	..	..
17. South Puthar	..	..	..	..	..	..	..	..	..
18. Manniyar	..	3	..	..	..	..	..	..	3
Total ..	4,696	347	..	..	..	..	..	..	5,043
Vennár Section.									
1. Vennár	18	324	..	..	10	5	..	..	347
2. Vetár	..	351	..	..	..	..	..	..	351
3. Odambogyar	..	..	..	..	..	..	..	..	..
4. Koraiar	..	..	158	391	..	..	..	..	391
5. Pamaniyar	..	..	163	415	..	..	..	..	415
6. Pandavayar	..	..	..	..	..	..	..	..	..
7. Vellayar	..	..	..	..	..	..	..	..	..
8. Athiviramanar	..	..	..	..	..	..	..	..	..
9. Harichandranadi	..	..	832	2,904	43	97	..	..	3,001
10. Mulliyar	..	..	597	1,824	52	159	..	..	1,983
11. Iyanar	..	..	..	..	..	..	..	..	..
Total ..	18	675	1,750	5,534	105	261	..	..	6,488
Grand Total ..	4,714	1,022	1,750	5,534	105	261	..	..	11,531

(Signed) P. RAJARATNA MUDALIAR,
Secretary.

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ENCLOSURE B.

PARTICULARS of remissions entered in column 57.

Name of canal.	GOVERNMENT.													ZEMINDARI.		INAMS.		TOTAL OF REMISSIONS.		
	Usual wet.			Dry converted into wet and dry crops watered.		Waste brought in.		Miscellaneous.		Second crop.	Total.			Water-rate.		Water-rate.				
	Assessment.			Assessment.		Assessment.		Assessment.			Assessment.									
	Land.	Water.	Total.	Land.	Water.	Land.	Water.	Land.	Water.	Water-rate.	Land.	Water.	Total.	First crop.	Second crop.	First crop.	Second crop.	First crop.	Second crop	Total.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14		15		16		
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Cauvery Section.																				
1. Cauvery	940	2,124	3,064	161	341	134	315	..	..	742	1,235	3,522	4,757	..	..	82	..	4,097	742	4,839
2. Codamurti	..	..	..	..	153	..	6	..	1	..	..	160	160	..	..	41	..	201	..	201
3. Arasillár	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
4. Tirumalrajanar ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5. Mudikondanar ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
6. Nattar	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
7. Kirthimanar ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
8. Veerasholan ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
9. Puthar	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
10. Solasudamaniyar ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
11. Munja Voikal ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
12. Vellappar	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
13. Mahimalayar ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
14. Petharasanar ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
15. Vanjiar	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
16. Noolar	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
17. South Puthar ..	..	..	..	..	3	..	..	..	..	..	..	3	3	..	..	..	..	3	..	3
18. Manniyar	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	940	2,124	3,064	161	497	134	321	..	1	742	1,235	3,685	4,920	..	..	123	..	4,301	742	5,043
Vennár Section.																				
1. Vennár	..	..	..	..	296	..	14	..	7	1	..	318	318	..	..	29	..	346	1	347
2. Vetár	..	..	..	..	316	..	29	..	5	1	..	351	351	..	..	..	..	350	1	351
3. Odambogyar ..	..	..	..	12	14	165	200	..	..	..	177	214	391	..	..	..	..	391	..	391
4. Koraiar	85	268	353	..	..	22	40	..	..	..	107	308	415	..	..	..	..	415	..	415
5. Pamaniyar	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
6. Pandavayar ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
7. Vellayar	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
8. Athiviramanar ..	33	90	123	..	..	995	1,883	..	..	..	1,028	1,973	3,001	..	..	..	..	3,001	..	3,00
9. Harichandranadi ..	98	192	290	..	..	697	996	..	..	..	795	1,188	1,983	..	..	..	..	1,983	..	1,9831
10. Mulliyar	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
11. Iyanar	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	216	550	766	12	626	1,879	3,162	..	12	2	2,107	4,352	6,459	..	..	29	..	6,486	2	6,488
Grand Total ..	1,156	2,674	3,830	173	1,123	2,013	3,483	..	13	744	3,342	8,037	11,379	..	..	152	..	10,787	744	11,531

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ENCLOSURE C.

MEMORANDUM showing the remissions saved by the work on usual wet and the amount of certain other items to be credited to the work.

Name of canal.	USUAL WET.				DRY CONVERTED INTO WET AND DRY CROPS WATERED.			ZEMINDARI AND INAMS.			SECOND CROP.		
	Total assessment, land and water, column 5 of the statement.	Remissions at normal percentage.	Actual remissions granted—*vide* column 3 of enclosure B.	Difference between columns 2 and 3, *i.e.*, remissions saved.	Total charge exclusive of remissions.	Average (five years) charge prior to the work.	Difference between columns 5 and 6.	Total charge exclusive of remissions.	Average (five years) charge prior to the work.	Difference between columns 8 and 9.	Total charge exclusive of remissions.	Average (five years) charge prior to the work.	Difference between columns 11 and 12.
	1	2	3	4	5	6	7	8	9	10	11	12	13
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Cauvery Section.													
1. Cauvery	6,41,412	3,043	3,064	**21**	56,323	3,579	52,744	7,945	..	7,945	84,411	21,207	63,204
2. Codamurti	1,62,118	849	..	849	6,130	475	5,655	1,430	..	1,430	35,219	16,752	18,467
3. Arasillár	70,236	137	..	137	4,380	175	4,205	574	..	574	4,041	516	3,525
4. Tirumalrajanar ..	34,434	249	..	249	2,223	141	2,082	270	..	270	4,615	422	4,193
5. Mudikondanar ..	1,74,020	778	..	778	5,834	556	5,278	430	..	430	6,127	644	5,483
6. Nattar	49,897	..	..	..	1,575	308	1,267	62	..	62	2,239	1,608	631
7. Kirthimanar ..	47,283	36	..	36	1,619	252	1,367	235	..	235	1,594	532	1,062
8. Veerasholan ..	1,30,559	240	..	240	6,124	1,161	4,963	252	..	252	8,432	861	7,571
9. Puthar	44,698	..	..	..	1,458	120	1,338	152	..	152	1,355	95	1,260
10. Solasudamaniyar ..	50,960	73	..	73	1,745	94	1,651	130	..	130	1,864	285	1,579
11. Munja Voikal ..	52,545	837	..	837	2,690	340	2,350	179	..	179	2,124	304	1,820
12. Vellappar	74,870	94	..	94	1,627	177	1,450	113	..	113	1,687	100	1,587
13. Mahimalayar ..	40,835	74	..	74	1,891	301	1,590	181	..	181	1,604	213	1,391
14. Petharasanar ..	423	..	..	..	..	15	**15**	..	..	..	8	..	8
15. Vanjiar	14,422	296	..	296	495	67	428	58	..	58	586	34	552
16. Noolar	41,684	318	..	318	2,351	161	2,190	210	..	210	1,455	81	1,374
17. South Puthar ..	806	..	..	..	15	1	14	..	..	..	22	..	22
18. Manniyar	2,17,916	216	..	216	13,050	1,003	12,047	1,171	..	1,171	12,595	4,781	7,814
Total ..	18,48,613	7,240	3,064	4,176	1,09,530	8,926	1,00,604	13,392	..	13,392	1,69,978	48,435	1,21,543
Vennár Section.													
1. Vennár	3,41,412	7,021	..	7,021	13,412	90	13,322	1,123	..	1,123	23,415	9,734	13,681
2. Vetár	1,88,214	3,958	..	3,958	4,271	118	4,153	485	..	485	9,696	2,797	6,899
3. Odambogyar ..	2,05,785	1,108	..	1,108	2,400	211	2,189	1,019	..	1,019	1,912	1,044	868
4. Koraiar	1,13,566	3,096	..	3,096	1,292	44	1,248	562	..	562	5,011	1,024	3,987
5. Pamaniyar	95,127	3,639	353	3,286	1,918	97	1,821	379	..	379	4,745	896	3,849
6. Pandavayar ..	1,05,361	1,599	..	1,599	1,739	82	1,657	206	..	206	1,457	220	1,237
7. Vellayar	1,50,023	6,514	..	6,514	2,723	201	2,522	229	..	229	3,999	527	3,472
8. Athiviramanar ..	17,297	853	..	853	257	7	250	6	..	6	392	170	222
9. Harichandranadi ..	76,694	987	123	864	957	31	926	73	..	73	2,274	613	1,661
10. Mulliyar	73,384	1,380	290	1,090	1,376	10	1,366	374	..	374	2,893	704	2,189
11. Iyanar	9,075	463	..	463	218	5	213	14	..	14	398	43	355
Total ..	15,75,938	30,618	766	29,852	50,633	896	29,737	4,470	..	4,470	56,192	17,772	38,420
Grand Total ..	32,24,551	37,858	3,830	34,028	1,40,163	9,822	1,30,341	17,862	..	17,862	2,26,170	66,207	1,59,963

The figures in black type represent *minus*.

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STATEMENT of lands irrigated under the Kistna anicut system in the districts of Kistna and Godávari for fasli 1296 (1886-87).

Name of canal.	Irrigable area of Government, Zemindari and Inams.	GOVERNMENT.																	
		Usual wet.				Dry converted into wet.				Dry crops watered.			Waste brought in.				Miscellaneous.		
		Extent.	Assessment.			Extent.	Assessment.			Extent.	Assessment.		Extent.	Assessment.			Extent.	Assessment.	
			Land.	Water.			Land.		Water.		Land.	Water.		Land.		Water.		Land.	Water
				Normal.	Increment for perfect irrigation.		Normal.	Increment for irrigation.						Normal.	Increment for irrigation.				
	1	2	3	4	5	6	7	7 a	8	9	10	11	12	13	13 a	14	15	16	17
Eastern Delta.	ACS.	ACS.	RS.	RS.	RS.	ACS.	RS.	RS.	RS.	SAC.	RS.	RS.	ACS.	RS.	RS.	RS.	ACS.	RS.	RS.
1. Ellore canal	31,000	5,015	7,263	20,062	..	9,221	8,742	..	36,993	388	..	778	9,437	14,286	..	37,615	275	339	1,243
2. Ryves do.	35,000	151	360	603	..	4,395	6,539	..	17,534	77	80	200	1,138	1,944	..	4,551	11	38	339
3. Masulipatam canal ..	34,000	..	..	..	..	6,521	9,860	..	26,090	282	411	539	..	..	..	..	10	19	416
4. Pulleru do. ..	64,000	4,446	7,778	17,787	..	26,684	45,524	..	1,06,758	493	16	1,049	14,529	21,200	..	58,023	172	261	1,376
5. Poirazucodu do. ..	34,000	802	1,190	3,132	77	3,136	3,332	..	12,482	110	..	221	2,446	4,659	..	13,820	110	226	671
6. Bantumilli do. ..	12,000	387	436	1,548	..	666	479	..	2,634	90	123	316	980	1,047	..	3,920	24	31	391
Total ..	210,000	10,801	17,027	43,132	77	50,623	74,476	..	2,02,491	1,439	635	3,503	28,530	43,136	..	1,17,929	602	914	4,434
Western Delta.																			
1. Main canal	5,000	..	..	..	..	4,215	8,915	..	16,861	276	794	1,070	74	161	..	315	1	20	20
2. Nizampatam canal ..	56,000	530	534	2,120	..	37,318	65,354	14,931	1,49,288	869	1,585	3,041	3,246	4,353	85	12,990	183	209	1,514
3. Bank do. ..	70,000	1,949	4,118	7,800	..	19,679	33,030	3,163	78,986	1,104	2,935 3	4,068	5,083	7,297	382	20,332	431	940	3,514
4. Commamore do. ..	80,000	5,720	13,251	22,903	..	24,652	47,652	12,468	98,479	375	720 3	1,230	22,435	37,731	12,083	89,746	1,015	2,325	5,215
Total ..	205,000	8,199	17,903	32,823	..	85,864	1,54,951	30,562	3,43,614	2,624	5,951	9,409	30,838	49,542	12,550	1,23,383	1,630	3,494	10,253
Grand Total ..	415,000	19,000	34,930	75,955	77	1,36,487	2,29,427	30,562	5,46,105	4,063	6,586	12,912	59,368	92,678	12,550	2,41,312	2,232	4,408	14,673

Statement of lands irrigated under the Kistna anicut system in the districts of Kistna and Godávari for fasli 1296 (1886-87).—*cont.*

Name of canal.	GOVERNMENT—*cont.*						ZEMINDARI.										
	Total.			Second crop.		Total assessment, land and water.	Irrigated free of charge.		Irrigated and charged.						Total.		
	Extent.	Assessment.		Extent.	Water-rate.		Extent.		Dry converted into wet.		Dry crops watered.		Second crop.		Extent.		Water-rate.
		Land.	Water.				First crop.	Second crop.	First crop.		First crop.		Extent.	Water-rate.	First crop.	Second crop.	
									Extent.	Water-rate.	Extent.	Water-rate.					
	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
Eastern Delta.	ACS.	RS.	RS.	ACS.	RS.	RS.	ACS.	ACS.	ACS.	RS.	ACS.	RS.	ACS.	RS.	ACS.	ACS.	RS.
1. Ellore canal	24,334	30,630	96,690	8	27	1,27,347	5,581	..	5,125	21,085	22	106	..	..	10,728	..	21,190
2. Ryves do.	5,772	8,961	23,327	1	1	32,189	2,017	..	8,580	34,547	69	285	..	..	10,666	..	34,842
3. Masulipatam canal ..	6,814	10,290	27,445	1	2	37,737	3,748	..	11,840	46,147	624	2,498	..	..	16,212	..	48,645
4. Pulleru do. ..	46,324	74,779	1,84,992	4	7	2,59,778	2,741	..	11,542	41,961	101	431	..	..	14,384	..	42,392
5. Poirazucodu do. ..	7,604	9,407	30,303	..	..	39,710	632	..	8	31	8	15	3	10	648	3	57
6. Bantumilli do. ..	2,147	2,121	8,809	61	121	11,051	958	..	1,557	5,063	7	20	..	..	2,522	..	5,083
Total ..	92,995	136,188	3,71,466	75	158	5,07,812	15,677	..	38,652	1,48,834	831	3,365	3	10	55,160	3	1,52,209
Western Delta.																	
1. Main canal	4,566	9,800	18,266	1	2	28,068	..	..	..	..	..	..	..	..	..	..	..
2. Nizampatam canal ..	42,146	87,201	1,68,953	..	..	2,56,154	..	..	..	..	..	..	..	..	..	..	..
3. Bank do. ..	28,246	51,889	1,14,700	..	..	1,66,589	..	..	..	..	..	..	..	..	..	..	..
4. Commamore do. ..	54,197	1,26,083	2,17,603	10	21	3,43,707	..	..	..	..	..	..	..	..	..	..	..
Total ..	129,155	2,74,973	5,19,522	11	23	7,94,518	..	..	..	..	..	..	..	..	..	..	..
Grand Total ..	222,150	4,11,161	8,90,988	86	181	13,02,330	15,677	..	38,652	1,48,834	831	3,365	3	10	55,160	3	1,52,209

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Statement of lands irrigated under the Kistna anicut system in the districts of Kistna and Godávari for fasli 1296 (1886-87)—*cont.*

Name of canal.	Inams.													Total.			Total Government, Zemindari and Inams.		
	Irrigated free of charge.				Irrigated and charged.								Gattutummulu.	Extent.		Quit-rent and water-rate.	First crop.		
	Extent.		Quit-rent.		Dry converted into wet.			Dry crops watered.			Second crop.						Extent.		
					First crop.			First crop.											
	First crop.	Second crop.	Land at one-third.	Water at two-thirds.	Extent.	Quit-rent.	Water-rate.	Extent.	Quit-rent.	Water-rate.	Extent.	Water-rate.		First crop.	Second crop.		Actually irrigated or charged as such.	Waste remitted.	Total.
	35	36	37	38	39	40	41	42	43	44	45	46	46 *a*	47	48	49	50		
Eastern Delta.	ACS.	ACS.	RS.	RS.	ACS.	RS.	RS.	ACS.	RS.	RS.	ACS.	RS.		ACS.	ACS.	RS.	ACS.	ACS.	ACS.
1. Ellore canal	5,185	..	395	1,261	2,765	155	11,186	484	2	2,069	..	..	..	8,434	..	15,068	38,916	4,580	43,496
2. Ryves do.	980	..	182	363	4,119	442	15,905	86	4	261	..	..	..	5,185	..	17,157	21,388	235	21,623
3. Masulipatam canal ..	847	..	30	60	6,116	749	20,400	482	24	1,969	..	..	..	6,445	..	23,232	29,419	52	29,471
4. Pullera do. ..	13,294	..	1,438	2,882	12,768	3,221	51,160	224	1	512	1	2	..	26,286	1	59,156	82,290	4,704	86,994
5. Polrazucodu do. ..	3,165	..	535	1,071	1,560	456	6,316	208	2	793	..	..	..	4,933	..	9,173	11,177	2,008	13,185
6. Bantumilli do. ..	1,289	..	86	172	52	2	209	5	1	15	..	..	..	1,346	..	485	6,000	15	6,015
Total ..	24,760	..	2,666	5,809	26,380	5,025	1,05,116	1,489	34	5,619	1	2	..	52,629	1	1,24,271	1,80,190	11,594	2,00,784
Western Delta.																			
1. Main canal	..	..	..	..	751	314	3,004	44	18	184	..	..	..	795	..	3,520	5,361	..	5,361
2. Nizampatam canal ..	1,115	..	62	124	6,505	1,665	25,897	175	58	763	..	..	1,007	7,795	..	29,576	49,829	112	49,941
3. Bank do. ..	1,144	..	109	218	2,984	877	11,934	171	74	709	..	..	955	4,299	..	14,876	32,413	132	32,545
4. Commamore do. ..	3,742	..	500	1,002	5,755	[illegible]	23,054	302	56	1,137	..	..	2,054	9,799	..	29,651	60,536	3,460	63,996
Total ..	6,001	..	671	1,344	15,995	4,704	63,889	692	206	2,793	..	..	4,016	22,688	..	77,623	1,48,139	3,704	1,51,843
Grand Total ..	30,761	..	3,337	7,153	42,375	9,729	1,69,005	2,181	240	8,412	1	2	4,016	75,317	1	2,01,894	3,37,329	15,298	3,52,627

Statement of lands irrigated under the Kistna anicut system in the districts of Kistna and Godávari for fasli 1296 (1886-87)—*cont.*

Name of canal.	Total Government, Zemindari and Inams—*cont.*												
	First crop—*cont.*		Second crop.			Water-rate.	Total assessment and water-rate.	Share due to irrigation, *i.e.*, sum of columns 52 and 54.	Deductions as per enclosure A.		Difference between columns 56 and 57, *i.e.*, net revenue due to irrigation.		
	Assessment.		Extent.										
	Land.	Water.	Actually irrigated or charged as such.	Waste remitted.	Total.				First crop.	Second crop.	First crop.	Second crop.	Total.
	51	52	53			54	55	56	57		58		
Eastern Delta.	RS.	RS.	ACS.	ACS.	ACS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
1. Ellore canal	31,182	1,32,396	8	..	8	27	1,63,605	1,32,423	28,340	1	1,04,056	26	1,04,082
2. Ryves do.	9,589	74,598	1	..	1	1	84,188	74,599	5,095	..	69,503	1	69,504
3. Masulipatam canal ..	11,093	98,519	1	..	1	2	1,09,614	98,521	5,366	..	93,153	2	93,155
4. Pullera do. ..	79,439	2,81,878	5	..	5	9	3,61,326	2,81,887	29,281	1	2,52,597	8	2,52,605
5. Polrazucodu do. ..	10,400	38,530	3	..	3	10	48,940	38,540	10,787	..	27,743	10	27,753
6. Bantumilli do. ..	2,210	14,288	61	..	61	121	16,619	14,409	283	29	14,005	92	14,097
Total ..	1,43,913	6,40,209	79	..	79	170	7,84,292	6,40,379	79,152	31	5,61,057	139	5,61,196
Western Delta.													
1. Main canal	10,132	21,454	1	..	1	2	31,588	21,456	237	..	21,217	2	21,219
2. Nizampatam canal ..	88,986	1,96,744	..	..	..	..	2,85,730	1,96,744	1,176	..	1,95,568	..	1,95,568
3. Bank do. ..	52,949	1,28,516	..	..	..	..	1,81,465	1,28,516	1,497	..	1,27,019	..	1,27,019
4. Commamore do. ..	1,28,487	2,44,850	10	..	10	21	3,73,358	2,44,871	20,810	..	2,24,040	21	2,24,061
Total ..	2,80,554	5,91,564	11	..	11	23	8,72,141	5,91,587	23,720	..	5,67,844	23	5,67,867
Grand Total ..	4,24,467	12,31,773	90	..	90	193	16,56,433	12,31,966	1,02,872	31	11,28,901	162	11,29,063

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ENCLOSURE A.

MEMORANDUM showing causes of deductions in column 57.

Name of canal.	Fixed.	Temporary.	OCCASIONAL, *i.e.*, REMISSIONS PROPER AND REFUNDS.						TOTAL DEDUCTIONS.
			Excess of water.		Defect of water.		Other causes		
			Area.	Assessment, land and water.	Area.	Assessment, land and water.	Area.	Amount.	Amount.
	1	2	3		4		5		6
	RS.	RS.	ACS.	RS.	ACS.	RS.	ACS.	RS.	RS.
Eastern Delta.									
1. Ellore canal	2,850	489	4,555	24,957	3	12	22	33	28,341
2. Ryves do.	3,800	202	232	1,080	3	13	..	..	5,095
3. Masulipatam canal	4,199	1,022	51	143	..	..	1	2	5,366
4. Pulleru do.	2,636	354	4,689	26,232	14	59	1	1	29,282
5. Polrazucodu do.	59	73	2,008	10,655	..	..	..	..	10,787
6. Bantumilli do.	132	121	15	59	..	..	..	..	312
Total ..	13,676	2,261	11,550	63,126	20	84	24	36	79,183
Western Delta.									
1. Main canal	..	237	..	..	..	..	..	..	237
2. Nizampatam canal	..	609	107	562	5	5	..	..	1,176
3. Bank do.	..	785	132	712	..	..	..	..	1,497
4. Commamore do.	146	298	3,420	20,206	40	160	..	..	20,810
Total ..	146	1,929	3,659	21,480	45	165	..	..	23,720
Grand Total ..	13,822	4,190	15,209	84,606	65	249	24	36	1,02,903

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ENCLOSURE B.

PARTICULARS of remissions entered in column 57.

Name of canal.	GOVERNMENT.													ZEMINDARI.		INAMS.		TOTAL OF REMISSIONS.		
	Usual wet.			Dry converted into wet and dry crops watered.		Waste brought in.		Miscellaneous.		Second crop.	Total.									
	Assessment.			Assessment.		Assessment.		Assessment.			Assessment.			Water-rate.		Water-rate.				
	Land.	Water.	Total.	Land.	Water.	Land.	Water.	Land.	Water.	Water.	Land.	Water.	Total.	First crop.	Second crop.	First crop.	Second crop.	First crop.	Second crop.	Total.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14		15		16		
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Eastern Delta.																				
1. Ellore canal ..	482	935	1,417	1,190	4,328	5,066	12,400	36	222	1	6,774	17,886	24,660	2,298	..	1,383	..	28,340	1	28,341
2. Ryves do. ..	18	40	58	200	566	49	145	..	13	..	267	764	1,031	3,927	..	137	..	5,095	..	5,095
3. Masulipatam canal ..	..	..	..	..	104	..	..	..	31	..	..	135	135	4,912	..	319	..	5,366	..	5,366
4. Pulleru do. ..	524	2,046	2,570	3,058	7,452	3,211	9,080	..	1	1	6,793	18,580	25,373	2,796	..	1,113	..	29,281	1	29,282
5. Polrazucodu do. ..	15	52	67	749	2,445	1,854	5,617	..	..	..	2,618	8,114	10,732	5	..	50	..	10,787	..	10,787
6. Bantumilli do. ..	..	12	12	7	101	..	9	..	8	29	7	159	166	143	..	3	..	283	29	312
Total ..	1,039	3,085	4,124	5,204	14,996	10,180	27,251	36	275	31	16,459	45,638	62,097	14,081	..	3,005	..	79,152	31	79,183
Western Delta.																				
1. Main canal ..	..	..	..	..	193	..	..	..	2	..	..	195	195	..	..	42	..	237	..	237
2. Nizampatam canal ..	1	3	4	20	494	106	425	..	3	..	127	925	1,052	..	..	124	..	1,176	..	1,176
3. Bank do. ..	2	4	6	34	785	150	395	..	11	..	186	1,195	1,381	..	..	116	..	1,497	..	1,497
4. Commamore do. ..	852	1,534	2,386	297	1,090	5,239	11,193	109	236	..	6,497	14,053	20,550	..	..	260	..	20,810	..	20,810
Total ..	855	1,541	2,396	351	2,562	5,495	12,013	109	252	..	6,810	16,368	23,178	..	..	542	..	23,720	..	23,720
Grand Total ..	1,894	4,626	6,520	5,555	17,558	15,675	39,264	145	527	31	23,269	62,006	85,275	14,081	..	3,547	..	1,02,872	31	1,02,903

(Signed) P. RAJARATNA MUDALIAR,
Secretary.

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ENCLOSURE C.

MEMORANDUM showing the remissions saved by the work on usual wet and the amount of certain other items to be credited to the work.

Name of canal.	Usual wet.				Dry converted into wet and dry crops watered.			Zemindari and Inams.			Second crop.		
	Total assessment, land and water, columns 3 and 4 of the statement.	Remissions at normal percentage.	Actual remissions granted, *vide* column 3 of enclosure B.	Difference between columns 2 and 3, *i.e.*, remissions saved.	Total charge exclusive of remissions.	Average (five years) charge prior to the work.	Difference between columns 5 and 6.	Total charge exclusive of remissions.	Average (five years) charge prior to the work.	Difference between columns 8 and 9.	Total charge exclusive of remissions.	Average (five years) charge prior to the work.	Difference between columns 11 and 12.
	1	2	3	4	5	6	7	8	9	10	11	12	13
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Eastern Delta.													
1. Ellore canal ..	27,325	8,437	1,417	7,020	32,253	..	32,253	30,764	..	30,764	26	..	26
2. Ryves do. ..	983	4	58	54	16,968	..	16,968	46,944	..	46,944	1	..	1
3. Masulipatam canal ..	..	..	..	..	26,925	..	26,925	65,783	2,000	63,783	2	..	2
4. Pulleru do. ..	25,545	1,186	2,570	1,384	97,297	..	97,297	90,095	6,820	83,275	8	..	8
5. Polraucodu do. ..	4,399	210	67	143	9,509	..	9,509	7,101	..	7,101	10	..	10
6. Bantumilli do. ..	1,984	250	12	238	2,842	..	2,842	5,161	..	5,161	92	..	92
Total ..	60,236	10,087	4,124	5,963	1,85,794	..	1,85,794	2,45,848	8,820	2,37,028	139	..	139
Western Delta.													
1. Main canal ..	..	..	..	..	17,738	..	17,738	3,146	..	3,146	2	..	2
2. Nizampatam canal ..	2,704	1,036	4	1,032	1,51,815	..	1,51,815	27,543	126	27,417	..	..	..
3. Bank canal ..	11,918	2,300	6	2,294	82,235	..	82,235	13,482	54	13,428	..	..	..
4. Commamur canal ..	36,104	6,877	2,386	4,491	98,322	..	98,322	25,985	976	25,009	21	..	21
Total ..	50,726	10,213	2,396	7,817	3,50,110	..	3,50,110	70,156	1,156	69,000	23	..	23
Grand Total ..	1,10,962	20,300	6,520	13,780	5,35,904	..	5,35,904	3,16,004	9,976	3,06,028	162	..	162

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No. II.—STATEMENT showing the financial results of irrigation under the following systems in the Madras Presidency for fasli 1296 (1886-87). Profit.

	Area irrigated.		Direct Receipts (water-rate exclusive of remissions).										Deduct portion due to old sources of irrigation.		
			Usual wet.					Inam.					Usual wet.		
—	First crop.	Second crop.	Normal water-rate.	Increase by settlement.	Dry converted into wet and dry crops watered.	Waste brought under irrigation.	Zemindari.	Irrigated free of charge.	Irrigated and charged.	Second crop.	Miscellaneous items.	Total irrigation revenue.	Water-rate excluding remissions.	Deduct remissions saved.	Net amount due to old sources.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	ACS.	ACS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Godávari anicut	563,621	31,515	1,09,317	..	6,80,240	2,91,829	1,02,841	14,904	5,22,729	1,07,924	7,144	13,86,938	1,09,317	1,434	1,07,883
Kistna do.	327,329	30	69,435	77	5,35,994	1,86,373	1,38,118	7,153	1,77,886	162	13,955	11,29,062	69,435	10,780	58,655
Cauvery do	966,801	99,825	22,74,755	..	1,40,153	2,36,864	..	46,534	17,862	3,26,170	11,678	29,54,016	22,74,755	34,028	22,40,727
Pennér do.	62,137	1,343	1,17,798	13,645	17,733	57,900	..	13,272	8,826	3,457	3,100	2,35,730	1,17,798	15,509	1,02,289
Srivaikuntham anicut ..	21,250	18,878	66,146	22,188	22,656	8,141	2,685	970	1,258	63,961	679	1,88,692	66,146	5,673	60,473
Sangam anicut	46,796	625	1,41,741	14,831	4,140	4,843	..	6,700	2,693	1,772	4,725	1,81,451	1,41,741	26,210	1,15,531
Total ..	1,987,934	152,216	27,79,192	50,741	14,00,881	7,85,950	2,43,644	89,533	7,31,252	5,03,446	41,281	65,25,890	27,79,192	97,634	26,81,558
Pálár anicut	65,768	23,095	1,10,424	5,506	22,950	35,035	..	4,459	714	51,601	1,495	2,31,374	1,10,424	29,716	80,708
Chembrambakum tank ..	12,938	6,464	31,607	1,414	2,108	1,463	..	818	896	17,670	223	56,659	31,607	19,227	12,380
Madras water-supply and irrigation extension project ..	7,332	2,352	10,678	..	3,368	1,038	..	1,495	52	3,348	91	20,370	10,678	2,422	8,256
Palandorai anicut	3,533	99	1,839	..	5,950	58	..	162	355	243	357	9,004	1,839	105	1,734
Total ..	89,571	32,010	1,54,548	6,920	34,376	37,594	..	6,934	2,017	72,852	2,166	3,17,407	1,54,548	51,470	1,03,078
Grand Total ..	2,077,505	184,226	29,33,740	57,661	14,35,257	8,23,544	2,43,644	96,467	7,33,269	5,76,298	43,447	68,43,297	29,33,740	1,49,104	27,84,636

No. II.—Statement showing the financial results of irrigation under the following systems in the Madras Presidency for fasli 1296 (1886-87)—*cont.* Profit.

—	Direct Receipts (water-rates exclusive of remissions)—*cont.*							Indirect Receipts.				
	Deduct portion due to old sources of irrigation—*cont.*						Increase of revenue due to the outlay incurred.	Increment of land assessment due to irrigation.	Land assessment of waste lands brought under irrigation.	Land revenue of miscellaneous items.	Total.	Total of columns 23 and 27.
	Average receipts of five years prior to improvement.					Total.						
	Dry converted into wet.	Zemindari.	Inams, Irrigated free of charge.	Inams, Irrigated and charged.	Second crop.							
	17	18	19	20	21	22	23	24	25	26	27	28
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Godávari anicut	..	..	14,904	..	..	1,22,787	17,14,151	..	1,56,990	4,015	1,61,005	18,75,156
Kistna do.	..	8,820	7,153	1,156	..	72,784	10,56,279	43,132	92,678	4,408	1,40,218	11,96,497
Cauvery do.	9,822	..	44,534	..	66,207	23,63,290	5,90,726	..	1,34,371	4,618	1,38,989	7,29,715
Pennér do.	1,838	..	15,272	73	1,119	1,17,591	1,18,139	..	15,111	220	15,331	1,33,470
Srivaikuntham anicut	102	..	970	..	17,934	79,479	1,09,213	..	2,151	86	2,237	1,11,450
Sangam anicut	562	..	6,700	352	1,489	1,24,634	56,817	..	2,740	1,752	4,492	61,309
Total ..	12,324	8,820	89,533	1,581	86,749	28,80,565	36,45,325	43,132	4,04,041	15,099	4,62,272	41,07,597
Pálár anicut	3,733	..	4,459	82	28,175	1,17,157	1,14,217	..	14,093	268	14,361	1,28,578
Chembrambakam tank	80	..	818	391	2,554	16,233	40,436	..	631	90	721	41,157
Madras water-supply and irrigation extension project	188	..	1,495	17	700	10,646	9,714	..	378	40	418	10,132
Pelandorai anicut	934	..	162	134	232	3,196	5,808	..	41	226	267	6,075
Total ..	4,935	..	6,934	624	31,661	1,47,232	1,70,175	..	15,143	624	15,767	1,85,942
Grand Total ..	17,259	8,820	96,467	2,205	1,18,410	30,27,797	38,15,500	43,132	4,19,184	15,723	4,78,039	42,93,539

(Signed) P. RAJARATNA MUDALIAR,
Secretary.

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Proceedings of the Board of Revenue (Settlement, Land Records and Agriculture), dated 4th October 1887, Mis. No. 2476.

J. Grose, Esq., C.S., Commissioner.

Read—again Board's Proceedings, dated 9th September 1887, Mis. No. 2239, forwarding Irrigation Revenue Accounts for works for which Capital and Revenue Accounts are kept for fasli 1296.

Resolution—dated 4th October 1887, Mis. No. 2476.

The Irrigation Revenue Accounts for fasli 1296 for Class III Works, for which continuous record is kept, will be forwarded to the Chief Engineer for Irrigation.

(True Extract.)

(Signed) P. RAJARATNA MUDALIAR,
Secretary.

STATEMENT of lands irrigated under the III Class Works in the district of Coimbatore for fasli 1296 (1886-87).

Name of canal.	Irrigable area of Government, Zemindari and Inams.	GOVERNMENT.															
		Usual wet.				Dry converted into wet.			Dry crops watered.			Waste brought in.			Miscellaneous.		
		Extent.	Assessment.			Extent.	Assessment.		Extent.	Assessment.		Extent.	Assessment.		Extent.	Assessment.	
			Land.	Water.			Land.	Water.		Land.	Water.		Land.	Water.		Land.	Water.
				Normal.	Settlement increase.												
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Bhaváni River.	ACS.	ACS.	RS.	RS.	RS.	ACS.	RS.	RS.	ACS.	RS.	RS.	ACS.	RS.	RS.	ACS.	RS.	RS.
1. Kaduveri anicut—																	
Tadepalli channel	14,216	9,537	14,947	75,284	..	1,790	2,231	10,668	327	440	809	1,895	2,564	11,921	8	12	74
Arakankotta channel ..	4,091	2,522	3,527	18,998	..	1,020	1,349	5,756	103	138	248	262	330	1,551	1	1	3
2. Kalingarayen anicut ..	11,177	7,403	9,858	53,194	..	278	273	1,502	1,573	1,952	3,537	267	310	1,576	59	69	391
Total ..	29,514	19,462	28,332	1,47,476	..	3,088	3,853	17,926	2,003	2,530	4,594	2,424	3,204	15,048	68	82	468
Amarávati River.																	
1. Cullapuram anicut channel ..	1,421	1,326	817	4,153	..	18	10	55	..	..	..	9	6	27	..	..	3
2. Comaralingam channel ..	2,063	1,846	1,195	4,929	..	560	283	455	35	19	52	19	17	78	215	1	521
3. Kannadiputtar do. ..	609	489	573	3,094	..	1	1	6	5	8	13	10	10	53	4	2	14
4. Sholamadevi do. ..	525	299	496	2,682	..	..	..	..	..	..	..	8	6	24	..	..	..
5. Kuddattur do. ..	1,111	956	894	5,608	..	..	..	..	..	..	..	10	9	60	1	1	5
6. Kanniyur do. ..	376	321	368	1,093	..	4	3	17	20	14	32	..	..	3	..	..	1
7. Koratalavu do. ..	559	433	465	2,495	..	36	30	102	17	13	26	29	22	115	4	..	33
8. Alinghirur do. ..	1,016	849	1,378	7,290	..	10	12	55	28	30	41	33	45	240	1	1	5
9. Dalavoyapatnam do. ..	1,173	697	820	3,390	..	1	1	3	342	392	458	1	2	8	5	..	51
10. Dhárápuram do. ..	2,485	2,030	3,296	16,890	..	13	12	62	40	39	68	17	26	110	..	..	5
11. Calinjeeradi do. ..	3,231	2,734	3,521	15,192	..	77	85	324	95	96	199	29	20	121	4	..	16
12. Nanjatalayur do. ..	370	264	329	1,313	..	4	4	17	40	39	55	9	14	56	..	..	..
13. Chinna Dhárápuram channel ..	1,874	1,654	1,320	6,009	..	12	11	49	3	2	10	31	24	114	6	1	10
14. Sandakayapalliam do. ..	266	192	211	827	..	33	26	141	14	10	21	19	20	80	..	..	..
15. Nanjakalakurchi do. ..	352	314	288	1,205	..	1	1	4	18	19	29	8	6	27	2	..	8
16. Pallapalliam do. ..	3,855	3,287	3,044	13,063	..	1	1	4	271	331	406	64	57	241	29	6	32
17. Tirumanallur Korambu do. ..	922	743	822	2,699	..	..	..	..	45	49	74	37	29	124	9	2	18
18. Karur Balambapuram do. ..	764	196	142	774	..	..	..	..	1	1	5	..	..	..	3	1	10
19. Panchamadevi channel ..	284	247	283	1,105	..	..	..	..	13	9	51	1	2	6	1	..	1
20. Sonapatti do. ..	557	484	619	2,511	..	..	..	..	2	2	3	10	12	46	..	..	1
21. Puliyur do. ..	1,280	1,048	1,040	4,416	..	..	..	..	3	2	6	82	67	313	4	2	12
22. Coyenhully do. ..	889	708	860	2,784	..	3	1	8	4	2	11	69	35	265	21	2	74
Total ..	26,012	20,432	22,291	1,03,702	..	774	491	1,780	909	1,067	1,560	495	432	2,057	290	19	820
Grand Total ..	55,526	39,894	50,623	2,51,178	..	3,862	4,344	19,706	2,912	3,597	6,154	2,919	3,636	17,105	358	101	1,288

Statement of lands irrigated under the III Class Works in the district of Coimbatore for fasli 1296 (1886-87)—*cont.*

Name of canal.	GOVERNMENT—*cont.*						ZEMINDARI.										
	Total.			Second crop.		Total assessment, land and water.	Irrigated free of charge.		Irrigated and charged.						Total.		
	Extent.	Assessment.		Extent.	Water-rate.		Extent.		Dry converted into wet.		Dry crops watered.		Second crop.		Extent.		Water-rate.
		Land.	Water.				First crop.	Second crop.	First crop.		First crop.		Extent.	Water-rate.	First crop.	Second crop.	
									Extent.	Water-rate.	Extent.	Water-rate.					
	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
Bhaváni River.	ACS.	RS.	RS.	ACS.	RS.	RS.	ACS.	ACS.	ACS.	RS.	ACS.	RS.	ACS.	RS.	ACS.	ACS.	RS.
1. Kaduvori anicut—																	
Tadepalli channel	13,557	20,194	98,756	327	723	1,19,673	..	..	..	..	..	..	..	..	..	..	..
Arakankotta channel ..	3,908	5,345	26,556	73	102	32,003	..	..	..	..	..	..	..	..	..	..	..
2. Kalingarayen anicut	9,580	12,462	60,200	9,353	34,862	1,07,524	..	..	..	..	..	..	..	..	..	..	..
Total ..	27,045	38,001	1,85,512	9,753	35,687	2,59,200	..	..	..	..	..	..	..	..	..	..	..
Amarávati River.																	
1. Cullapuram anicut channel ..	1,353	832	4,238	1,353	1,267	6,337	..	..	..	..	..	..	..	..	..	..	..
2. Comaralingam channel ..	1,975	1,515	6,335	1,336	1,302	9,152	..	..	..	..	..	..	..	..	..	..	..
3. Kannadiputtur do. ..	512	594	3,180	509	1,259	5,033	..	..	..	..	..	..	..	..	..	..	..
4. Sholamadevi do. ..	407	502	2,716	407	1,073	4,291	..	..	..	..	..	..	..	..	..	..	..
5. Kuddattur do. ..	967	904	5,063	967	1,989	7,956	..	..	..	..	..	..	..	..	..	..	..
6. Kanniyur do. ..	345	385	2,046	282	691	3,122	..	..	..	..	..	..	..	..	..	..	..
7. Koratalavu do. ..	515	530	2,831	499	1,108	4,469	..	..	..	..	..	..	..	..	..	..	..
8. Alinghirur do. ..	921	1,466	7,647	607	1,623	10,736	..	..	..	..	..	..	..	..	..	..	..
9. Dalavoyapatnam do. ..	956	1,215	3,890	497	816	5,921	..	..	..	..	..	..	..	..	..	..	..
10. Dhárápuram do. ..	2,100	3,277	17,136	1,033	2,720	23,133	..	..	..	..	..	..	..	..	..	..	..
11. Calinjeeradi do. ..	2,939	3,732	15,862	919	1,913	21,507	..	..	..	..	..	..	..	..	..	..	..
12. Nanjatalayur do. ..	317	386	1,441	317	486	2,313	..	..	..	..	..	..	..	..	..	..	..
13. Chinna Dhárápuram channel ..	1,706	1,358	6,189	1,705	1,893	9,440	..	..	..	..	..	..	..	..	..	..	..
14. Sandakayapalliam do. ..	258	277	1,069	139	194	1,540	..	..	..	..	..	..	..	..	..	..	..
15. Nanjakalakurchi do. ..	343	314	1,273	343	400	1,987	..	..	..	..	..	..	..	..	..	..	..
16. Pallapalliam do. ..	3,633	3,429	13,746	2,913	3,958	21,133	..	..	..	..	..	..	..	..	..	..	..
17. Tirumanallur Korambu do. ..	834	702	2,915	816	928	4,545	..	..	..	..	..	..	..	..	..	..	..
18. Karur Balambapuram do. ..	200	144	789	199	239	1,172	..	..	..	..	..	..	..	..	..	..	..
19. Panchamadevi channel ..	262	294	1,163	249	351	1,808	..	..	..	..	..	..	..	..	..	..	..
20. Sonapatty do. ..	496	633	2,561	496	808	4,002	..	..	..	..	..	..	..	..	..	..	..
21. Puliyur do. ..	1,137	1,111	4,747	1,135	1,482	7,340	..	..	..	..	..	..	..	..	..	..	..
22. Coyenhully do. ..	805	700	3,082	746	912	4,694	..	..	..	..	..	..	..	..	..	..	..
Total ..	22,981	24,300	1,09,919	17,467	27,412	1,61,631	..	..	..	..	..	..	..	..	..	..	..
Grand Total ..	50,026	62,301	2,95,431	27,220	63,099	4,20,831	..	..	..	..	..	..	..	..	..	..	..

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Statement of lands irrigated under the III Class Works in the district of Coimbatore for fasli 1296 (1886-87)—*cont.*

Name of canal.	Inams.															Total Government, Zemindari and Inams.		
	Irrigated free of charge.				Irrigated and charged.								Total.			First crop.		
	Extent.		Quit-rent.		Dry converted into wet.			Dry crops watered.			Second crop.		Extent.		Quit-rent and water-rate.	Extent.		
	First crop.	Second crop.	Land at one-third.	Water at two-thirds.	First crop.			First crop.			Extent.	Water-rate.	First crop.	Second crop.		Actually irrigated or charged as such.	Waste remitted.	Total.
					Extent.	Quit-rent.	Water-rate.	Extent.	Quit-rent.	Water-rate.								
	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50		
Bhavani River.	ACS.	ACS.	RS.	RS.	ACS.	RS.	RS.	ACS.	RS.	RS.	ACS.	RS.	ACS.	ACS.	RS.	ACS.	ACS.	ACS.
1. Kaduveri anicut—																		
Tadepalli channel	452	..	194	288	175	50	715	47	6	261	11	16	674	11	1,534	14,150	81	14,231
Arakankotta channel ..	107	..	6	13	6	..	61	48	12	191	1	1	161	1	285	4,063	6	4,069
2. Kalingarayan anicut ..	827	826	578	2,612	..	..	..	649	102	2,242	397	726	1,476	1,223	5,721	11,053	3	11,056
Total ..	1,386	826	778	2,413	181	50	780	744	121	2,694	409	743	2,311	1,235	7,540	29,266	90	29,356
Amaravati River.																		
1. Cullapuram anicut channel ..	85	..	9	19	..	..	..	..	..	..	20	34	85	20	62	1,418	..	1,418
2. Comaralingam channel ..	88	22	8	30	..	..	..	..	..	..	32	80	88	54	118	2,003	..	2,003
3. Kannadiputtur do. ..	97	97	37	132	..	..	..	..	..	..	..	..	97	97	169	609	..	609
4. Sholamadevi do. ..	118	118	62	217	..	..	..	..	..	..	..	..	118	118	279	525	..	525
5. Kuddattur do. ..	140	140	62	218	..	..	..	..	..	..	5	15	140	145	296	1,107	..	1,107
6. Kanniyur do. ..	27	13	11	36	..	..	..	3	..	11	9	26	30	28	81	376	..	375
7. Koratalavu do. ..	44	44	18	64	..	..	..	..	..	..	..	..	44	44	82	551	..	559
8. Alinghirur do. ..	121	110	56	197	4	..	6	..	..	..	2	3	125	112	261	1,046	..	1,046
9. Dalavoyapatnam do. ..	198	128	92	322	..	..	..	15	7	23	3	4	213	131	448	1,172	..	1,172
10. Dharapuram do. ..	204	204	130	403	48	4	19	32	6	50	43	120	284	247	601	2,484	..	2,484
11. Calinjeevadi do. ..	292	258	86	300	..	..	..	..	..	..	12	15	292	268	401	3,231	..	3,231
12. Nanjatalayur do. ..	41	41	23	79	..	..	..	..	..	1	12	19	41	53	122	358	..	358
13. Chinna Dharapuram channel ..	108	56	26	80	..	..	..	..	..	..	29	60	108	86	156	1,874	..	1,874
14. Sundakayapalliam do. ..	3	3	1	5	..	..	..	..	..	..	..	..	3	3	6	261	..	261
15. Nanjakalakurchi do. ..	9	8	1	4	..	..	..	..	..	..	1	2	9	9	7	352	..	352
16. Pallapalliam do. ..	203	162	12	40	..	..	..	14	..	21	22	41	217	184	114	3,843	7	3,850
17. Tirumanallur Korambu channel.	84	36	4	12	..	..	..	4	1	3	20	46	88	56	67	915	7	922
18. Karur Balambapuram channel ..	556	396	4	12	..	..	..	8	..	25	16	19	564	412	60	784	..	784
19. Panchamadevi channel ..	22	16	..	..	..	..	..	..	..	..	4	16	22	20	16	283	1	284
20. Sonapatty do. ..	46	29	2	8	..	..	..	15	..	22	11	31	61	40	64	557	..	557
21. Puliyur do. ..	142	124	8	26	..	..	..	..	..	..	7	21	142	131	55	1,219	..	1,219
22. Coyenbully do. ..	64	65	3	23	..	..	..	..	..	..	7	16	64	73	43	880	..	880
Total ..	2,852	2,189	659	[illegible]	52	4	24	94	13	160	214	590	2,958	2,468	3,737	25,964	15	25,979
Grand Total ..	4,238	3,015	1,437	[illegible]	232	54	804	838	134	2,854	623	1,333	5,269	3,703	11,277	55,230	105	55,335

Statement of lands irrigated under the III Class Works in the district of Coimbatore for fasli 1269 (1886-87)—*cont.*

Name of canal.	Total Government, Zemindari and Inams—*cont.*												
	First crop—*cont.*		Second crop.			Water-rate.	Total assessment and water-rate.	Share due to irrigation, *i.e.*, sum of columns 52 and 54.	Deductions as per enclosure A.		Difference between columns 56 and 57, *i.e.*, net revenue due to irrigation.		
	Assessment.		Extent.										
	Land.	Water.	Actually irrigated or charged as such.	Waste remitted.	Total.				First crop.	Second crop.	First crop.	Second crop.	Total.
	51	52	53			54	55	56	57		58		
Bhavani River.	RS.	RS.	ACS.	ACS.	ACS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
1. Kaduveri anicut—													
Tadepalli channel	20,444	1,00,124	338	..	338	739	1,21,307	1,00,863	527	..	99,597	739	1,00,336
Arakankotta channel ..	6,364	26,821	74	..	74	103	32,288	26,924	30	..	26,791	103	26,894
2. Kalingarayan anicut	13,202	64,455	10,573	3	10,576	35,588	1,13,245	1,00,043	68	28	64,387	35,560	99,947
Total ..	39,010	1,91,400	10,985	3	10,988	36,430	2,66,840	2,27,830	625	28	1,90,775	36,402	2,27,177
Amaravati River.													
1. Cullapuram anicut channel ..	841	4,257	1,383	..	1,383	1,321	6,419	5,578	..	..	4,257	1,321	5,578
2. Comaralingam channel ..	1,523	6,365	1,390	..	1,390	1,382	9,270	7,747	..	..	6,365	1,382	7,747
3. Kannadiputtur do. ..	631	3,312	606	..	606	1,259	5,202	4,571	..	..	3,312	1,259	4,571
4. Sholamadevi do. ..	564	2,933	525	..	525	1,073	4,570	4,006	..	..	2,933	1,073	4,006
5. Kuddattur do. ..	966	5,281	1,113	..	1,113	2,004	8,251	7,285	16	5	5,265	1,999	7,264
6. Kanniyur do. ..	396	2,093	310	..	310	714	3,203	2,807	..	..	2,093	714	2,807
7. Koratalavu do. ..	548	2,895	543	..	543	1,108	4,551	4,003	..	..	2,895	1,108	4,003
8. Alinghirur do. ..	1,522	7,830	729	..	729	1,626	10,997	9,475	..	..	7,849	1,626	9,475
9. Dalavoyapatnam do. ..	1,314	4,235	628	..	628	820	6,369	5,055	..	..	4,235	820	5,055
10. Dharapuram do. ..	3,416	17,668	1,380	..	1,380	2,850	23,934	20,518	85	..	17,583	2,850	20,433
11. Calinjeevadi do. ..	3,818	16,162	1,187	..	1,187	1,928	21,908	18,090	..	..	16,162	1,928	18,090
12. Nanjatalayur do. ..	409	1,521	370	..	370	505	2,435	2,026	..	..	1,521	505	2,026
13. Chinna Dharapuram channel ..	1,384	6,269	1,800	..	1,800	1,943	9,596	8,212	..	..	6,269	1,943	8,212
14. Sundakayapalliam do. ..	278	1,074	142	..	142	194	1,546	1,268	..	..	1,074	194	1,268
15. Nanjakalakurchi do. ..	315	1,277	352	..	352	402	1,994	1,679	13	3	1,264	399	1,663
16. Pallapalliam do. ..	3,441	13,807	3,097	..	3,097	3,999	21,247	17,806	104	26	13,703	3,973	17,676
17. Tirumanallur Korambu channel.	707	2,932	874	..	874	973	4,612	3,905	147	37	2,785	936	3,721
18. Karur Balambapuram channel ..	148	827	611	..	611	268	1,243	1,095	7	2	820	266	1,088
19. Panchamadevi channel ..	294	1,163	269	..	269	361	1,818	1,524	3	1	1,160	360	1,520
20. Sonapatty do. ..	635	2,592	536	..	536	839	4,066	3,431	37	10	2,555	829	3,384
21. Puliyur do. ..	1,119	4,773	1,266	..	1,266	1,503	7,395	6,276	23	6	4,750	1,497	6,247
22. Coyenbully do. ..	707	3,105	821	..	821	930	4,742	4,035	113	28	2,992	902	3,894
Total ..	24,976	1,12,390	19,932	..	19,932	28,002	1,65,368	1,40,392	548	118	1,11,842	27,884	1,39,726
Grand Total ..	63,986	3,03,790	30,917	3	30,920	64,432	4,32,208	3,68,222	1,173	146	3,02,617	64,286	3,66,903

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ENCLOSURE A.

MEMORANDUM showing causes of deductions in column 57.

Name of canal.	Fixed.	Temporary.	Occasional, *i.e.*, Remissions proper and Refunds.						Total deductions.
			Excess of water.		Defect of water.		Other causes.		
			Area.	Assessment, land and water.	Area.	Assessment, land and water.	Area.	Amount.	Amount.
	1	2	3		4		5		6
Bhaváni River.	RS.	RS.	ACS.	RS.	ACS.	RS.	ACS.	RS.	RS.
1. Kaduveri anicut—									
Tadepalli channel	5	36	..	..	81	486	..	..	527
Arakankotta channel	..	..	..	..	6	30	..	..	30
2. Kalingarayen anicut	..	57	6	39	..	..	..	..	96
Total ..	5	93	6	39	87	516	..	..	653
Amaravati River.									
1. Cullapuram anicut channel	..	..	..	..	..	..	..	..	..
2. Comaralingam channel	..	..	..	..	..	..	..	..	..
3. Kannadiputtur do.	..	..	..	..	..	..	..	..	..
4. Sholamadevi do.	..	..	..	..	..	..	..	..	..
5. Kuddattur do.	..	21	..	..	..	..	..	..	21
6. Kanniyur do.	..	..	..	..	..	..	..	..	..
7. Koratalava do.	..	..	..	..	..	..	..	..	..
8. Alinghirur do.	..	..	..	..	..	..	..	..	..
9. Dalavoyapatnam do.	..	..	..	..	..	..	..	..	..
10. Dhárápuram do.	85	..	..	..	..	..	..	..	85
11. Calinjeevadi do.	..	..	..	..	..	..	..	..	..
12. Nanjatalayur do.	..	..	..	..	..	..	..	..	..
13. Chinna Dhárápuram channel	..	..	..	..	..	..	..	..	..
14. Sundakayapalliam do.	..	..	..	..	..	..	..	..	..
15. Nanjakalakurchi do.	..	16	..	..	..	..	..	..	16
16. Palisapalliam do.	..	96	..	..	..	..	7	34	130
17. Tirumanallur Korambu do.	..	155	..	..	..	..	7	29	184
18. Karur Balamlapuram do.	..	9	..	..	..	..	..	..	9
19. Panchamadevi channel	..	..	..	..	..	..	1	4	4
20. Sonapatty do.	..	47	..	..	..	..	..	..	47
21. Puliyur do.	..	29	..	..	..	..	..	..	29
22. Coyenbully do.	..	141	..	..	..	..	..	..	141
Total ..	85	514	..	..	..	..	15	67	666
Grand Total ..	90	607	6	39	87	516	15	67	1,319

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ENCLOSURE B.

PARTICULARS of remissions entered in column 57.

Name of canal.	Government.													Zemindari.		Inams.		Total of remissions.		
	Usual wet.			Dry converted into wet and dry crops watered.		Waste brought in.		Miscellaneous.		Second crop.	Total.			Water-rate.		Water-rate.				
	Assessment.			Assessment.		Assessment.		Assessment.			Assessment.									
	Land.	Water.	Total	Land.	Water.	Land.	Water.	Land.	Water.	Water-rate.	Land.	Water.	Total.	First crop.	Second crop.	First crop.	Second crop.	First crop.	Second crop	Total.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14		15		16		
Bhaváni River.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
1. Kaduveri anicut—																				
Tadepalli channel	37	449	486	..	41	..	..	..	..	..	37	490	527	..	..	..	..	527	..	527
Arakankotta channel	..	..	..	..	30	..	..	..	..	..	..	30	30	..	..	..	..	30	..	30
2. Kalingarayen anicut	3	19	22	..	42	1	3	..	..	28	4	92	96	..	..	..	..	68	28	96
Total ..	40	468	508	..	113	1	3	..	..	28	41	612	653	..	..	..	..	625	28	653
Amaravati River.																				
1. Cullapuram anicut channel	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2. Comaralingam channel	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
3. Kannadiputtur do.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
4. Sholamadevi do.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5. Kuddattur do.	..	15	15	..	..	..	1	..	..	5	..	21	21	..	..	..	..	16	5	21
6. Kanniyur do.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
7. Koratalava do.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
8. Alinghirur do.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
9. Dalavoyapatnam do.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
10. Dhárápuram do.	10	58	68	3	14	..	..	..	..	..	13	72	85	..	..	..	..	85	..	85
11. Calinjeevadi do.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
12. Nanjatalayur do.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
13. Chinna Dhárápuram channel	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
14. Sundakayapalliam do.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
15. Nanjakalakurchi do.	..	13	13	..	..	..	..	..	..	3	..	16	16	..	..	..	..	13	3	16
16. Palisapalliam do.	3	90	93	..	..	1	10	..	..	26	4	126	130	..	..	..	..	104	26	130
17. Tirumanallur Korambu channel	3	114	117	..	..	..	30	..	..	37	3	181	184	..	..	..	..	147	37	184
18. Karur alamlapuram do.	..	7	7	..	..	..	..	..	..	2	..	9	9	..	..	..	..	7	2	9
19. Panchamadevi channel	1	2	3	..	..	..	..	..	..	1	1	3	4	..	..	..	..	3	1	4
20. Sonapatty do.	..	35	35	..	..	..	2	..	..	10	..	47	47	..	..	..	..	37	10	47
21. Puliyur do.	..	22	22	..	..	..	1	..	..	6	..	29	29	..	..	..	..	23	6	29
22. Coyenbully do.	..	106	106	..	..	..	7	..	..	28	..	141	141	..	..	..	..	113	28	141
Total ..	17	462	479	3	14	1	51	..	..	118	21	645	666	..	..	..	..	548	118	666
Grand Total ..	57	930	987	3	127	2	54	..	..	146	62	1,257	1,319	..	..	..	..	1,173	146	1,319

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Secretary.

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STATEMENT of lands irrigated under the III Class works in the following districts for fasli 1296 (1886-87).

Name of canal.	Irrigable area of Government, Zemindari and Inams.	GOVERNMENT.															
		Usual wet.				Dry converted into wet.			Dry crops watered.			Waste brought in.			Miscellaneous.		
		Extent.	Assessment. Land.	Assessment. Water.	Assessment. Total.	Extent.	Assessment. Land.	Assessment. Water.	Extent.	Assessment. Land.	Assessment. Water.	Extent.	Assessment. Land.	Assessment. Water.	Extent.	Assessment. Land.	Assessment. Water.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Saroda River.	ACS.	ACS.	RS.	RS.	RS.	ACS.	RS.	RS.	ACS.	RS.	RS.	ACS.	RS.	RS.	ACS.	RS.	RS.
1. Godari anicut	5,545	1,493	2,886	7,860	10,746	47	223	113	75	377	249	40	98	220	..	1	23
2. Mamidivada anicut	1,845	514	674	1,914	2,588	..	..	..	1	1	1	34	36	299	..	..	..
3. Dimili do.	2,475	877	1,257	2,530	3,787	..	..	..	..	..	..	55	78	156	..	1	..
4. Kattukolo do.	1,119	583	548	2,014	2,562	..	..	..	..	..	..	21	30	168	2	..	3
5. Kumarapally do.	1,111	678	840	2,065	2,905	10	14	11	2	1	9	68	109	286	1	4	3
6. Marripallem do.	1,238	444	157	1,768	1,925	..	..	..	19	11	76	105	27	379	12	6	45
Total ..	13,333	4,519	6,362	18,149	24,511	57	227	124	97	390	335	323	388	1,588	15	12	74
Varaha River.																	
1. Pallaparti anicut	4,270	1,509	2,925	6,482	9,407	..	..	..	65	46	232	125	175	818	3	..	11
2. Mallelagedda anicut	596	275	394	348	742	..	..	..	11	6	32	49	70	64	..	..	..
3. Gubbada do.	1,437	148	132	682	814	165	196	660	1	1	2	779	684	2,412	..	..	..
4. Duggada do.	1,183	924	1,297	4,733	6,030	23	24	93	5	6	10	64	73	284	..	..	..
Total ..	7,386	2,856	4,748	12,245	16,993	188	220	753	82	59	276	1,017	1,002	3,578	3	..	11
Grand Total ..	20,719	7,175	11,110	30,394	41,504	245	457	877	179	449	611	1,340	1,390	5,166	18	12	85
Salem District.																	
1. Barur tank	288	270	295	882	1,178	..	..	..	..	..	..	..	..	..	..	..	..
2. Pennagundapuram tank ..	445	..	..	..	..	429	363	1,019	..	..	..	..	..	..	..	..	..
Total ..	733	270	295	883	1,178	429	363	1,019	..	..	..	..	..	..	..	..	..
North Arcot District.																	
1. Cheyár anicut	21,463	13,158	20,548	43,219	63,767	2,490	3,209	7,560	533	688	1,296	1,967	2,642	6,022	69	86	214
2. Polney do.	20,405	11,596	17,836	43,474	61,310	768	1,079	2,757	1,999	2,450	5,284	3,356	4,352	11,330	132	128	510
Total ..	41,868	24,754	38,384	86,693	1,25,077	3,284	4,288	10,317	2,532	3,138	6,580	5,323	6,994	17,352	201	214	724
Tinnevelly District, Tâmbraparni River.																	
1. Ariyanayakapuram anicut ..	6,667	4,701	6,029	33,775	45,494	1	1	8	62	33	776	48	54	356	86	51	174
2. Palanur anicut	8,266	7,057	11,161	56,636	67,997	16	12	51	144	92	531	52	48	318	28	19	97
3. Suttamalli do.	6,391	5,187	6,553	36,132	42,685	..	1	1	44	31	168	77	63	446	20	15	93
4. Marudur do.	17,022	16,738	25,306	1,13,377	1,28,683	154	120	788	214	219	1,164	178	182	1,041	33	46	513
5. Kodamilalaghien anicut ..	2,866	1,583	1,781	8,036	9,811	23	26	123	29	22	123	16	12	52	16	..	50
6. Nathiyani do.	2,484	1,830	1,854	11,978	13,832	..	..	2	3	7	32	5	8	61	5	..	50
7. Kannadien do.	11,264	10,521	19,358	90,498	1,09,764	29	12	124	83	50	323	58	58	483	50	..	459
Total ..	54,560	47,337	73,642	3,55,306	4,28,174	175	192	1,133	576	459	2,447	450	425	2,704	253	131	1,418

Statement of lands irrigated under the III Class works in the following districts for fasli 1296 (1886-87)—*cont.*

Name of canal.	GOVERNMENT—*cont.*						ZEMINDARI.										
	Total.			Second crop.		Total assessment, land and water.	Irrigated free of charge.		Irrigated and charged.						Total.		
		Assessment.					Extent.		Dry converted into wet.		Dry crops watered.		Second crop.		Extent.		
									First crop.		First crop.						
	Extent.	Land.	Water.	Extent.	Water-rate.		First crop.	Second crop.	Extent.	Water-rate.	Extent.	Water-rate.	Extent.	Water-rate.	First crop.	Second crop.	Water-rate.
	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
Sarada River.	ACS.	RS.	RS.	ACS.	RS.	RS.	ACS.	ACS.	ACS.	RS.	ACS.	RS.	ACS.	RS.	ACS.	ACS.	RS.
1. Godari anicut	1,585	5,585	8,465	291	1,303	13,353	1,717	195	..	..	..	..	..	..	1,717	195	..
2. Mamidivada anicut	549	711	2,214	56	296	6,220	506	2	..	..	..	..	..	..	506	2	..
3. Dimili do.	932	1,336	2,726	75	713	4,775	..	..	..	..	..	..	..	..	..	..	..
4. Kattukolo do.	406	578	2,125	18	194	2,897	..	..	..	..	..	..	..	..	..	..	..
5. Kumaraspally do.	759	968	2,472	27	288	3,728	..	..	..	..	..	..	..	..	..	..	..
6. Marripallem do.	580	211	2,268	..	..	2 479	..	..	..	..	..	..	..	..	..	..	..
Total ..	4,811	7,389	20,270	467	2,793	30,452	2,223	197	..	..	..	..	..	..	2,223	197	..
Varaha River.																	
1. Pallaparti anicut	1,712	3,149	7,613	140	544	11,256	833	1	..	..	..	..	..	..	833	1	..
2. Mallelagedda anicut	335	470	444	12	94	1,008	..	..	..	..	..	..	..	..	..	..	..
3. Gubbada do.	1,093	1,013	3,156	300	193	4,962	..	..	..	..	..	..	..	..	..	..	..
4. Duggada do.	1,006	1,400	5,129	268	150	6,670	..	..	..	..	..	..	..	..	..	..	..
Total ..	4,146	6,032	16,883	720	981	23,876	833	1	..	..	..	..	..	..	833	1	..
Grand Total ..	8,957	12,421	37,153	1,187	3,774	54,328	3,056	198	..	..	..	..	..	..	3,056	198	..
Salem District.																	
1. Barur tank	270	295	883	270	280	1,458	..	..	..	..	..	..	..	..	..	..	..
2. Pennagundapuram tank ..	429	363	1,019	429	429	1,811	..	..	..	..	..	..	..	..	..	..	..
Total ..	699	658	1,902	699	709	3,269	..	..	..	..	..	..	..	..	..	..	..
North Arcot District.																	
1. Cheyár anicut	18,223	27,273	58,421	11,169	20,528	1,06,222	..	..	..	..	..	..	..	..	..	..	..
2. Polney do.	17,871	25,845	63,345	5,254	14,427	1,03,617	..	..	..	..	..	..	..	..	..	..	..
Total ..	36,094	53,118	1,21,766	16,423	34,955	2,09,839	..	..	..	..	..	..	..	..	..	..	..
Tinnevelly District, Tâmbraparni River.																	
1. Ariyanayakapuram anicut ..	4,898	6,773	39,489	4,872	26,236	72,498	..	..	..	..	..	..	..	..	..	..	..
2. Palanur anicut	7,897	11,323	57,870	7,287	35,489	1,04,682	..	..	..	..	..	..	..	..	..	..	..
3. Suttamalli do.	6,218	6,663	36,313	4,540	20,279	63,785	..	..	..	..	..	..	..	..	..	..	..
4. Marudur do.	16,817	25,892	1,16,822	15,638	68,522	2,11,236	..	..	..	..	..	..	..	..	..	..	..
5. Kodamilalaghien anicut ..	1,665	1,841	8,283	1,646	3,118	13,242	130	99	..	..	..	..	1	1	130	100	1
6. Nathiyani do.	1,556	1,869	12,103	1,550	7,269	21,241	705	553	..	..	..	..	23	93	705	578	93
7. Kannadien do.	10,759	19,498	91,798	10,523	67,252	1,78,549	..	..	..	..	..	..	..	..	..	..	..
Total ..	48,840	73,859	3,63,308	45,856	2,28,165	6,65,332	835	652	..	..	..	..	24	94	835	678	94

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Statement of lands irrigated under the III Class works in the following districts for fasli 1296 (1886-87)—*cont.*

Name of canal.	Inams. Irrigated free of charge. Extent. First crop.	Second crop.	Quit-rent. Land at one-third.	Water at two-thirds.	Irrigated and charged. Dry converted into wet. First crop. Extent.	Quit-rent.	Water-rate.	Dry crops watered. First crop. Extent.	Quit-rent.	Water-rate.	Second crop. Extent.	Water-rate.	Total. Extent. First crop.	Second crop.	Quit-rent and water-rate.	Total Government, Zemindari and Inams. First crop. Extent. Actually irrigated or charged as such.	Waste remitted.	Total.
	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50		
Sarada River.	ACS.	ACS.	RS.	RS.	ACS.	RS.	RS.	ACS.	RS.	RS.	ACS.	RS.	ACS.	ACS.	RS.	ACS.	ACS.	ACS.
1. Godari anicut	2,095	276	637	1,213	..	..	..	118	131	435	19	29	2,213	295	1,459	4,471	44	4,515
2. Manudivada anicut	769	82	232	504	..	..	..	1	1	3	..	..	770	82	740	1,823	22	1,845
3. Dumili do.	1,541	44	640	1,274	..	..	..	2	1	5	9	20	1,543	53	1,940	3,474	8	3,482
4. Kattakale do.	761	5	214	425	..	..	..	..	..	..	..	..	761	4	639	1,387	..	1,387
5. Kumarapully do.	331	10	142	264	..	..	..	1	1	5	..	..	332	10	412	1,308	8	1,316
6. Marripalem do.	154	..	63	123	..	..	..	..	..	..	..	..	154	..	186	722	12	734
Total	5,651	387	1,917	3,824	..	..	..	122	134	452	19	49	5,773	398	5,390	13,653	94	13,747
Varaha River.																		
1. Pallaparti anicut	1,582	47	426	856	..	..	..	28	14	141	9	5	1,610	56	1,442	4,155	..	4,155
2. Mallelagedda anicut	162	1	44	83	..	..	..	..	..	..	..	..	162	1	127	487	..	487
3. Gubbada do.	129	25	56	111	514	9	654	..	..	..	79	154	643	104	980	1,596	..	1,596
4. Duggada do.	165	43	42	84	8	2	32	4	1	5	2	3	177	45	173	1,163	..	1,163
Total	2,038	116	571	1,135	522	11	686	32	15	146	90	162	2,592	206	2,722	7,401	..	7,401
Grand Total	7,689	503	2,488	4,959	522	11	686	154	149	598	109	211	8,365	604	8,112	21,054	94	21,148
Salem District.																		
1. Barur tank	15	15	3	11	..	..	..	..	..	..	..	..	15	15	14	247	28	275
2. Ponnagundapuram tank	13	13	1	7	6	..	14	..	..	..	..	..	13	13	17	445	..	445
Total	28	28	4	18	6	..	14	..	..	..	..	..	28	28	31	692	28	720
North Arcot District.																		
1. Cheyár anicut	1,785	1,727	60	174	99	14	268	108	2	311	23	38	1,893	1,750	528	29,260	..	29,260
2. Poiney do.	1,929	119	325	236	12	..	78	116	1	343	393	1,051	2,079	312	1,444	19,919	1	19,950
Total	3,714	1,846	385	410	111	14	346	224	3	654	416	1,089	3,972	2,062	1,972	49,179	1	49,180
Tinnevelly District, Tâmbraparni River.																		
1. Ariyanayakapuram anicut	739	344	628	1,961	2	..	9	18	..	47	171	227	758	521	2,642	8,646	..	8,646
2. Palamur anicut	369	160	298	831	..	..	..	..	..	..	52	252	369	212	1,478	6,395	..	6,395
3. Sattamalli do.	911	343	723	2,173	34	37	78	..	..	..	297	616	945	640	3,017	6,193	..	6,193
4. Marudur do.	725	5	940	1,875	..	..	..	..	..	..	445	1,478	725	450	4,293	17,506	22	17,528
5. Kodamdalaghien anicut	1,067	689	1,438	4,298	..	..	..	..	..	..	..	..	1,067	689	5,736	[illegible]	11	[illegible]
6. Nathiyanni do.	221	209	78	293	..	..	..	..	..	..	..	..	221	209	371	[illegible]	..	[illegible]
7. Kannadian do.	407	374	430	1,747	..	..	..	..	1	..	4	23	411	397	[illegible]	[illegible]	..	[illegible]
Total	4,430	2,115	4,535	13,168	36	37	87	19	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Statement of lands irrigated under the III Class works in the following districts for fasli 1296 (1886-87)—*cont.*

TOTAL GOVERNMENT, ZEMINDARI AND INAMS—*cont.*

Name of canal.	First crop—*cont.* Assessment. Land.	Water.	Second crop. Extent. Actually irrigated or charged as such.	Waste remitted.	Total.	Water-rate.	Total assessment and water-rate.	Share due to irrigation, *i.e.*, sum of columns 52 and 54.	Deductions as per enclosure A. First crop.	Second crop.	Difference between columns 56 and 57, *i.e.*, net revenue due to irrigation. First crop.	Second crop.	Total.
	51	52	53			54	55	56	57		58		
Sarada River.	RS.	RS.	ACS.	ACS.	ACS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
1. Godari anicut	4,343	10,117	768	4	772	1,332	15,792	11,449	240	13	9,877	1,319	11,196
2. Manudivada anicut	264	2,724	90	..	90	293	3,280	3,016	208	..	2,513	295	2,808
3. Dumili do.	1,957	4,005	173	..	173	733	6,712	4,738	1	..	4,004	723	4,727
4. Kattakale do.	742	2,551	22	..	22	194	3,537	2,745	..	..	2,551	194	2,745
5. Kumarapully do.	1,111	3,761	37	..	37	288	4,169	3,049	34	..	2,727	288	3,015
6. Marripalem do.	313	2,391	..	..	..	..	2,664	2,391	42	..	2,349	..	2,349
Total	8,129	25,549	1,046	4	1,050	2,842	36,843	27,388	525	13	24,021	2,829	26,850
Varaha River.													
1. Pallaparti anicut	3,383	8,529	199	..	199	546	12,079	9,085	14	..	8,225	846	9,071
2. Mallelagedda anicut	316	537	13	..	13	94	1,156	621	..	..	527	94	621
3. Gubbada do.	1,078	4,621	408	..	474	331	5,550	4,972	..	..	4,621	351	4,972
4. Duggada do.	1,140	4,343	215	..	213	172	6,641	4,396	..	..	4,243	153	4,396
Total	6,030	18,830	920	..	920	1,144	26,004	19,974	14	..	18,616	1,344	19,960
Grand Total	16,090	43,379	1,966	4	1,970	3,986	62,452	47,362	539	13	42,637	3,973	46,810
Salem District.													
1. Barur tank	599	454	247	28	285	266	1,472	1,174	153	38	763	242	1,005
2. Ponnagundapuram tank	388	1,055	445	..	445	423	1,938	1,454	..	..	1,033	420	1,454
Total	987	1,509	692	28	721	700	3,410	2,628	153	38	1,796	671	2,467
North Arcot District.													
1. Cheyár anicut	37,333	56,548	12,352	8	12,360	29,867	1,47,906	79,711	996	58	58,866	20,633	79,571
2. Poiney do.	20,172	54,453	5,790	..	5,790	15,421	1,00,491	70,882	4,982	131	53,091	15,202	77,598
Total	57,505	1,11,001	18,079	8	18,086	38,096	2,48,397	1,50,593	5,978	189	1,11,957	35,835	1,57,169
Tinnevelly District, Tâmbraparni River.													
1. Ariyanayakapuram anicut	7,891	41,530	3,308	..	7,179	27,913	78,149	69,738	622	209	40,589	26,839	67,428
2. Palamur anicut	11,101	33,495	7,486	..	7,486	21,819	1,07,173	55,314	222	156	33,111	21,827	55,788
3. Sattamalli do.	7,313	22,094	4,326	..	4,326	23,408	67,496	45,502	185	67	23,628	21,499	45,089
4. Marudur do.	94,372	1,10,037	33,327	32	33,359	70,456	2,11,139	1,80,493	1,470	897	1,17,311	60,845	1,78,156
5. Kodamdalaghien anicut	2,379	12,062	2,411	33	2,444	6,678	29,679	18,740	177	89	12,584	5,847	18,431
6. Nathiyanni do.	1,917	12,096	2,331	..	2,331	7,611	21,344	19,706	69	..	11,945	7,611	19,556
7. Kannadian do.	20,938	96,544	16,528	..	16,528	37,376	1,50,850	1,33,920	1,501	..	82,105	47,233	1,29,338
Total	78,[illegible]	2,79,334	22,789	49	[illegible]	[illegible]	[illegible]	[illegible]	3,031	1,089	3,71,066	[illegible]	[illegible]

(Signed) T. RAJARATNA MUDALIAR,
Secretary.

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Statement of lands irrigated under the III Class works in the following districts for fasli 1296 (1886-87)—*cont.*

Name of canal.	Inams. Irrigated free of charge. Extent. First crop.	Inams. Irrigated free of charge. Extent. Second crop.	Inams. Irrigated free of charge. Quit-rent. Land at one-third.	Inams. Irrigated free of charge. Quit-rent. Water at two-thirds.	Inams. Irrigated and charged. Dry converted into wet. First crop. Extent.	Inams. Irrigated and charged. Dry converted into wet. First crop. Quit-rent.	Inams. Irrigated and charged. Dry converted into wet. First crop. Water-rate.	Inams. Irrigated and charged. Dry crops watered. First crop. Extent.	Inams. Irrigated and charged. Dry crops watered. First crop. Quit-rent.	Inams. Irrigated and charged. Dry crops watered. First crop. Water-rate.	Inams. Irrigated and charged. Second crop. Extent.	Inams. Irrigated and charged. Second crop. Water-rate.	Inams. Total. Extent. First crop.	Inams. Total. Extent. Second crop.	Inams. Total. Quit-rent and water-rate.	Total Government, Zemindari and Inams. First crop. Extent. Actually irrigated or charged as such.	Total Government, Zemindari and Inams. First crop. Extent. Waste remitted.	Total Government, Zemindari and Inams. First crop. Extent. Total.
	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50		
Sarada River.	ACS.	ACS.	RS.	RS.	ACS.	RS.	RS.	ACS.	RS.	RS.	ACS.	RS.	ACS.	ACS.	RS.	ACS.	ACS.	ACS.
1. Godari anicut	2,095	275	607	1,213	..	..	..	118	151	439	10	29	2,213	285	2,439	5,471	44	5,515
2. Mosalidevada anicut	789	32	252	504	..	..	..	1	1	2	..	..	790	32	760	1,812	33	1,845
3. Dimili do.	1,541	44	640	1,274	..	..	..	2	1	6	9	20	1,543	53	1,940	2,473	2	2,475
4. Kattukola do.	701	6	214	426	..	..	..	..	..	..	..	..	701	6	640	1,107	..	1,107
5. Kumarapally do.	351	10	142	284	..	..	..	1	1	5	..	..	352	10	432	1,108	3	1,111
6. Marripalem do.	154	..	62	123	..	..	..	..	..	..	..	..	154	..	185	722	12	734
Total ..	5,631	367	1,917	3,824	..	..	..	122	154	452	19	49	5,753	386	6,396	12,693	94	12,787
Varaha River.																		
1. Pallaparti anicut	1,582	47	430	835	..	..	..	28	14	141	2	5	1,610	49	1,442	4,155	..	4,155
2. Mallelagedda anicut	162	1	44	83	..	..	..	..	..	..	..	..	162	1	127	497	..	497
3. Gubbada do.	128	25	56	111	764	9	654	..	..	5	79	158	892	104	953	1,386	..	1,386
4. Duggada do.	166	41	12	84	8	2	32	4	1	..	2	2	177	45	121	1,183	..	1,183
Total ..	2,038	114	542	1,113	772	11	686	32	15	146	83	165	2,842	199	2,728	7,221	..	7,221
Grand Total ..	7,669	481	2,459	4,937	772	11	686	154	169	598	102	214	8,595	585	9,124	19,914	94	20,008
Salem District.																		
1. Barur tank	15	15	3	11	..	..	..	..	..	..	..	..	15	15	14	247	38	285
2. Pennagundapuram tank ..	13	13	1	3	3	..	14	..	..	..	..	..	16	13	17	445	..	445
Total ..	28	28	4	14	3	..	14	..	..	..	..	..	31	28	31	692	38	730
North Arcot District.																		
1. Cheyár anicut	1,785	1,727	60	124	99	14	268	108	2	311	23	29	1,892	1,750	828	20,205	..	20,205
2. Poiney do.	1,929	119	225	696	12	..	78	126	1	313	393	1,032	2,079	512	2,455	19,949	1	19,950
Total ..	3,714	1,846	285	820	111	14	346	234	3	624	416	1,061	3,971	2,262	3,283	40,154	1	40,155
Tinnevelly District, Tâmbraparni River.																		
1. Ariyanayakapuram anicut ..	789	344	628	1,961	2	..	9	18	..	67	177	927	809	521	3,642	5,648	..	5,648
2. Palavur anicut	259	160	298	821	..	..	..	..	..	..	82	351	309	212	1,470	8,266	..	8,266
3. Suttamalli do.	911	343	723	2,173	34	27	78	..	..	..	207	816	945	550	3,817	6,193	..	6,193
4. Marudur do.	725	5	940	1,875	..	..	..	..	..	..	684	1,478	725	689	4,293	17,500	22	17,522
5. Kodamilalaghian anicut ..	1,067	683	1,438	4,298	..	..	..	..	..	..	..	..	1,067	683	5,736	2,851	11	2,862
6. Nathiyuni do. ..	221	209	78	293	..	..	..	..	..	..	..	..	221	209	371	2,482	..	2,482
7. Kannadian do. ..	457	374	430	1,747	..	..	..	1	..	4	22	71	458	396	2,252	11,167	..	11,167
Total ..	4,450	2,115	4,535	13,168	36	27	87	19	..	71	1,172	3,643	4,485	3,259	21,581	54,116	44	54,160

Statement of lands irrigated under the III Class works in the following districts for fasli 1296 (1886-87)—*cont.*

Name of canal.	Total Government, Zemindari and Inams—cont. First crop—cont. Assessment. Land.	First crop—cont. Assessment. Water.	Second crop. Extent. Actually irrigated or charged as such.	Second crop. Extent. Waste remitted.	Second crop. Extent. Total.	Water-rate.	Total assessment and water-rate.	Share due to irrigation, *i.e.*, sum of columns 52 and 54.	Deductions as per enclosure A. First crop.	Deductions as per enclosure A. Second crop.	Difference between columns 56 and 57, *i.e.*, net revenue due to irrigation. First crop.	Difference between columns 56 and 57. Second crop.	Difference between columns 56 and 57. Total.
	51	52	53			54	55	56	57		58		
Sarada River.	RS.	RS.	ACS.	ACS.	ACS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
1. Godari anicut	4,343	10,117	768	4	772	1,332	15,792	11,449	240	13	9,877	1,319	11,196
2. Mosalidevada anicut	964	2,721	90	..	90	295	3,980	3,016	208	..	2,513	295	2,808
3. Dimili do.	1,977	4,005	128	..	128	733	6,715	4,738	1	..	4,004	733	4,737
4. Kattukola do.	792	2,551	23	..	23	194	3,537	2,745	..	..	2,551	194	2,745
5. Kumarapally do.	1,111	2,761	37	..	37	288	4,160	3,049	34	..	2,727	288	3,015
6. Marripalem do.	273	2,391	..	..	..	..	2,664	2,391	42	..	2,349	..	2,349
Total ..	9,460	24,546	1,046	4	1,050	2,842	36,848	27,388	525	13	24,021	2,829	26,850
Varaha River.													
1. Pallaparti anicut	3,593	8,539	190	..	190	546	12,678	9,085	14	..	8,525	546	9,071
2. Mallelagedda anicut	514	527	13	..	13	94	1,135	621	..	..	527	94	621
3. Gubbada do.	1,078	4,521	404	..	404	351	5,950	4,872	..	..	4,521	351	4,872
4. Duggada do.	1,445	5,243	313	..	313	153	6,841	5,396	..	..	5,243	153	5,396
Total ..	6,630	18,830	920	..	920	1,144	26,604	19,974	14	..	18,816	1,144	19,960
Grand Total ..	16,090	43,376	1,966	4	1,970	3,986	63,452	47,362	539	13	42,837	3,973	46,810
Salem District.													
1. Barur tank	298	594	247	38	285	280	1,472	1,174	133	38	761	242	1,003
2. Pennagundapuram tank ..	364	1,035	442	..	442	429	1,828	1,464	..	..	1,035	429	1,464
Total ..	662	1,629	689	38	727	709	3,300	2,638	133	38	1,796	671	2,467
North Arcot District.													
1. Cheyár anicut	27,349	50,144	12,913	6	12,919	20,567	1,07,060	79,711	284	56	58,860	20,511	79,371
2. Poiney do.	26,171	84,462	5,766	..	5,766	15,429	1,06,062	79,891	2,062	134	62,400	15,295	77,695
Total ..	53,520	1,33,606	18,679	6	18,685	35,996	2,13,122	1,59,602	2,346	190	1,21,260	35,806	1,57,066
Tinnevelly District, Tâmbraparni River.													
1. Ariyanayakapuram anicut ..	7,401	41,526	5,393	..	5,393	27,218	76,140	68,739	922	284	40,604	26,929	67,533
2. Palavur anicut	11,621	58,691	7,499	..	7,499	36,840	1,06,152	94,531	533	195	58,152	35,645	93,798
3. Suttamalli do.	7,413	39,094	4,890	..	4,890	21,095	67,602	60,189	126	67	38,968	21,028	59,996
4. Marudur do.	26,832	1,18,697	16,297	31	16,328	70,000	2,15,529	1,88,697	1,476	497	1,17,221	69,503	1,86,724
5. Kodamilalaghian anicut ..	3,279	12,681	2,415	11	2,426	3,119	19,079	15,800	177	22	12,504	3,097	15,601
6. Nathiyuni do. ..	1,947	12,396	2,335	..	2,335	7,362	21,705	19,758	50	..	12,346	7,362	19,708
7. Kannadian do. ..	19,928	93,549	10,919	..	10,919	67,323	1,80,800	1,60,872	1,361	..	92,188	67,323	1,59,511
Total ..	78,421	3,76,634	49,748	42	49,790	2,31,952	6,87,207	6,08,586	4,650	1,065	3,71,984	2,30,887	6,02,871

(Signed) P. RAJARATNA MUDALIAR,
Secretary.

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Enclosure A.

Memorandum showing causes of deductions in column 57.

Name of canal.	Fixed.	Temporary.	Occasional, *i.e.*, remissions proper and refunds.						Total deductions.
			Excess of water.		Defect of water.		Other causes.		
			Area.	Assessment, land and water.	Area.	Assessment, land and water.	Area.	Amount.	Amount.
	1	2	3		4		5		6
Sarada River.	RS.	RS.	ACS.	RS.	ACS.	RS.	ACS.	RS.	RS.
1. Godari anicut	..	48	..	..	..	..	49	205	253
2. Mamidivada anicut	..	..	..	..	..	..	33	208	208
3. Dimili do.	..	..	..	..	..	..	2	1	1
4. Kattukole do.	..	..	..	..	..	..	..	..	..
5. Kumarapally do.	..	..	..	..	..	..	3	34	34
6. Marripallem do.	..	..	..	..	..	..	11	42	42
Total ..	..	48	..	..	..	..	98	490	538
Varaha River.									
1. Pallaparti anicut	..	14	..	..	..	..	..	..	14
2. Mallelagedda anicut	..	..	..	..	..	..	..	..	..
3. Gubbada do.	..	..	..	..	..	..	..	..	..
4. Duggada do.	..	..	..	..	..	..	..	..	..
Total ..	..	14	..	..	..	..	..	..	14
Grand Total ..	..	62	..	..	..	..	98	490	552
Salem District.									
1. Barur tank	..	..	..	..	76	171	..	..	171
2. Pennagundapuram tank	..	..	..	..	..	..	..	..	..
Total ..	..	..	..	..	76	171	..	..	171
North Arcot District.									
1. Cheyâr anicut	96	230	..	..	..	..	6	14	340
2. Poiney do.	1,809	383	..	..	..	2	1	2	2,196
Total ..	1,905	613	..	..	..	2	7	16	2,536
Tinnevelly District, Támbraparni River.									
1. Ariyanayakapuram anicut	..	1,206	..	..	..	..	..	..	1,206
2. Palanur anicut	..	733	..	..	..	..	..	..	733
3. Suttamalli do.	5	188	..	..	..	..	..	..	193
4. Marudur do.	63	1,704	..	..	63	203	1	3	1,973
5. Kodamilaghian anicut	..	106	..	..	22	93	..	..	199
6. Nathiyuni do.	..	50	..	..	..	..	..	..	50
7. Kannadien do.	..	1,361	..	..	..	..	..	..	1,361
Total ..	68	5,348	..	..	85	296	1	3	5,715

(Signed) P. RAJARATNA MUDALIAR,
Secretary.

Enclosure. B.

Particulars of remissions entered in column 57.

Name of canal.	Government.													Zemindari.		Inams.		Total of remissions.		
	Usual wet.			Dry converted into wet and dry crops watered.		Waste brought in.		Miscellaneous.		Second crop.	Total.									
	Assessment.			Assessment.		Assessment.		Assessment.			Assessment.			Water-rate.		Water-rate.				
	Land.	Water.	Total.	Land.	Water.	Land.	Water.	Land.	Water.	Water-rate.	Land.	Water.	Total.	First crop.	Second crop.	First crop.	Second crop.	First crop.	Second crop.	Total.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14		15		16		
Sarada River.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
1. Godari anicut	76	123	199	..	15	..	..	..	..	8	76	146	222	..	..	26	5	240	13	253
2. Mamidivada anicut	58	126	184	..	..	2	19	..	..	..	60	145	205	..	..	3	..	208	..	208
3. Dimili do.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	1
4. Kattukole do.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5. Kumarapally do.	..	..	..	..	..	..	34	..	..	..	..	34	34	..	..	..	..	34	..	34
6. Marripallem do.	2	23	25	..	..	2	15	..	..	..	4	38	42	..	..	..	..	42	..	42
Total ..	136	272	408	..	15	4	68	..	..	8	140	363	503	..	..	30	5	525	13	538
Varaha River.																				
1. Pallaparti anicut	..	..	..	..	5	..	..	..	..	..	..	5	5	..	..	9	..	14	..	14
2. Mallelagedda anicut	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
3. Gubbada do.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
4. Duggada do.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	..	..	..	..	5	..	..	..	..	..	..	5	5	..	..	9	..	14	..	14
Grand Total ..	136	272	408	..	20	4	68	..	..	8	140	368	508	..	..	39	5	539	13	552
Salem District.																				
1. Barur tank	33	100	133	..	..	..	..	..	..	38	33	138	171	..	..	..	..	133	38	171
2. Pennagundapuram tank	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	33	100	133	..	..	..	..	..	..	38	33	138	171	..	..	..	..	133	38	171
North Arcot District.																				
1. Cheyâr anicut	8	187	195	2	50	8	24	..	3	56	18	320	338	..	..	2	..	284	56	340
2. Poiney do.	86	1,683	1,769	38	135	21	89	1	2	131	146	2,040	2,186	..	..	7	3	2,062	134	2,126
Total ..	94	1,870	1,964	40	185	29	113	1	5	187	164	2,360	2,524	..	..	9	3	2,346	190	2,536
Tinnevelly District, Támbraparni River.																				
1. Ariyanayakapuram anicut	..	873	873	..	12	..	29	..	8	284	..	1,206	1,206	..	..	..	..	922	284	1,203
2. Palanur anicut	..	473	473	..	24	..	35	..	6	195	..	733	733	..	..	..	..	588	195	733
3. Suttamalli do.	1	114	115	..	..	..	9	..	2	67	1	192	193	..	..	..	..	126	67	193
4. Marudur do.	21	1,291	1,312	1	80	6	72	..	5	497	28	1,945	1,973	..	..	..	..	1,476	497	1,973
5. Kodamilaghian anicut	9	160	169	..	8	..	..	..	..	22	9	190	199	..	..	..	..	177	22	199
6. Nathiyuni do.	..	43	43	..	3	..	4	..	..	..	..	50	50	..	..	..	..	50	..	50
7. Kannadien do.	..	1,285	1,285	..	22	..	54	..	..	..	..	1,361	1,361	..	..	..	..	1,361	..	1,361
Total ..	31	4,239	4,270	1	149	6	203	..	21	1,065	28	5,677	5,715	..	..	..	..	4,650	1,065	5,715

(Signed) P. RAJARATNA MUDALIAR,
Secretary.

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ENCLOSURE A.

MEMORANDUM showing causes of deductions in column 57.

Name of canal.	Fixed.	Temporary.	Occasional, i.e., remissions proper and refunds.						Total deductions.
			Excess of water.		Defect of water.		Other causes.		
			Area.	Assessment, land and water.	Area.	Assessment, land and water.	Area.	Amount.	Amount.
	1	2	3		4		5		6
Sarada River.	RS.	RS.	ACS.	RS.	ACS.	RS.	ACS.	RS.	RS.
1. Godari anicut	..	48	..	..	..	..	48	205	253
2. Mamidivada anicut	..	..	..	..	..	..	33	208	208
3. Dimili do.	..	..	..	..	..	..	2	1	1
4. Kattukole do.	..	..	..	..	..	..	..	..	..
5. Kumarapally do.	..	..	..	..	..	..	3	34	34
6. Marripallem do.	..	..	..	..	..	..	12	42	42
Total ..	..	48	..	..	..	..	98	490	538
Varaha River.									
1. Pallaparti anicut	..	14	..	..	..	..	..	..	14
2. Mallelagedda anicut	..	..	..	..	..	..	..	..	..
3. Gubbada do.	..	..	..	..	..	..	..	..	..
4. Duggada do.	..	..	..	..	..	..	..	..	..
Total ..	..	14	..	..	..	..	..	..	14
Grand Total ..	..	62	..	..	..	..	98	490	552
Salem District.									
1. Barur tank	..	..	..	..	76	171	..	..	171
2. Pennagondapuram tank	..	..	..	..	..	..	..	..	..
Total ..	..	..	..	..	76	171	..	..	171
North Arcot District.									
1. Cheyár anicut	96	230	..	..	..	..	6	14	340
2. Poiney do.	1,809	383	..	..	..	2	1	2	2,196
Total ..	1,905	613	..	..	..	2	7	16	2,536
Tinnevelly District, Támbraparni River.									
1. Ariyanayakipuram anicut	..	1,206	..	..	..	..	..	..	1,206
2. Palanur anicut	..	733	..	..	..	..	..	..	733
3. Suttamalli do.	5	188	..	..	..	..	..	..	193
4. Marudur do.	63	1,704	..	..	63	203	1	3	1,973
5. Kodamilalghian anicut	..	106	..	..	22	93	..	..	199
6. Nathiyam do.	..	50	..	..	..	..	..	..	50
7. Kannadien do.	..	1,361	..	..	..	..	..	..	1,361
Total ..	68	5,348	..	..	85	296	1	3	5,715

(Signed) P. RAJARATNA MUDALIAR,
Secretary.

ENCLOSURE. B.

PARTICULARS of remissions entered in column 57.

Name of canal.	Government.													Zemindari.		Inams.		Total of remissions.		
	Usual wet.			Dry converted into wet and dry crops watered.		Waste brought in.		Miscellaneous.		Second crop.	Total.									
	Assessment.			Assessment.		Assessment.		Assessment.			Assessment.			Water-rate.		Water-rate.				
	Land.	Water.	Total.	Land.	Water.	Land.	Water.	Land.	Water.	Water-rate.	Land.	Water.	Total.	First crop.	Second crop.	First crop.	Second crop.	First crop.	Second crop.	Total.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14		15		16		
Sarada River.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
1. Godari anicut	76	123	199	..	15	..	..	..	..	8	76	146	222	..	..	26	6	240	13	253
2. Mamidivada anicut	58	126	184	..	..	2	19	..	..	..	60	145	205	..	..	3	..	208	..	208
3. Dimili do.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	1
4. Kattukole do.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5. Kumarapally do.	..	..	..	..	..	..	34	..	..	..	..	34	34	..	..	..	..	34	..	34
6. Marripallem do.	2	23	25	..	..	2	15	..	..	..	4	38	42	..	..	..	..	42	..	42
Total ..	136	272	408	..	15	4	68	..	..	8	140	363	503	..	..	30	5	525	13	538
Varaha River.																				
1. Pallaparti anicut	..	..	..	..	5	..	..	..	..	..	..	5	5	..	..	9	..	14	..	14
2. Mallelagedda anicut	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
3. Gubbada do.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
4. Duggada do.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	..	..	..	..	5	..	..	..	..	..	..	5	5	..	..	9	..	14	..	14
Grand Total ..	136	272	408	..	20	4	68	..	..	8	140	368	508	..	..	39	5	539	13	552
Salem District.																				
1. Barur tank	33	100	133	..	..	..	..	..	..	38	33	138	171	..	..	..	..	133	38	171
2. Pennagondapuram tank	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	33	100	133	..	..	..	..	..	..	38	33	138	171	..	..	..	..	133	38	171
North Arcot District.																				
1. Cheyár anicut	8	187	195	2	50	8	24	..	3	56	18	320	338	..	..	2	..	284	56	340
2. Poiney do.	86	1,683	1,769	38	135	21	89	1	2	131	146	2,040	2,186	..	..	7	3	2,062	134	2,196
Total ..	94	1,870	1,964	40	185	29	113	1	5	187	164	2,360	2,524	..	..	9	3	2,346	190	2,536
Tinnevelly District, Támbraparni River.																				
1. Ariyanayakapuram anicut	..	873	873	..	12	..	29	..	8	284	..	1,206	1,206	..	..	..	..	922	284	1,206
2. Palanur anicut	..	473	473	..	24	..	35	..	6	195	..	733	733	..	..	..	..	538	195	733
3. Suttamalli do.	1	114	115	..	..	..	9	..	2	67	1	192	193	..	..	..	..	126	67	193
4. Marudur do.	21	1,291	1,312	1	80	6	72	..	5	497	28	1,945	1,973	..	..	..	..	1,476	497	1,973
5. Kodamilalghian anicut	9	160	169	..	8	..	..	..	..	22	9	190	199	..	..	..	..	177	22	199
6. Nathiyam do.	..	43	43	..	3	..	4	..	..	..	..	50	50	..	..	..	..	50	..	50
7. Kannadien do.	..	1,285	1,285	..	22	..	54	..	..	..	..	1,361	1,361	..	..	..	..	1,361	..	1,361
Total ..	31	4,239	4,270	1	149	6	263	..	21	1,065	38	5,677	5,715	..	..	..	..	4,650	1,065	5,715

(Signed) P. RAJARATNA MUDALIAR,
Secretary.

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STATEMENT of lands irrigated under the III Class works in the following districts for fasli 1296 (1886-87).

Name of canal.	Irrigable area of Government, Zemindari and Inams.	GOVERNMENT															
		Usual wet.				Dry converted into wet.			Dry crops watered.			Waste brought in.			Miscellaneous.		
		Extent.	Assessment.			Extent.	Assessment.		Extent.	Assessment.		Extent.	Assessment.		Extent.	Assessment.	
			Land.	Water.	Total.		Land.	Water.		Land.	Water.		Land.	Water.		Land.	Water.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
KURNOOL DISTRICT.	ACS.	ACS.	RS.	RS.	RS.	ACS.	RS.	RS.	ACS.	RS.	RS.	ACS.	RS.	RS.	ACS.	RS.	RS.
1. Cumbum tank	5,390	2,982	3,506	19,398	22,904	49	51	202	102	85	236	324	437	1,535	12	14	63
CHINGLEPUT DISTRICT.																	
Kortalayar River.																	
1. Valur anicut	4,858	1,127	2,107	3,310	5,417	397	722	1,072	27	55	45	330	444	822	106	194	333
2. Madurántakam tank	7,002	4,974	6,526	11,169	17,695	58	104	226	3	6	10	773	673	1,429	18	19	45
Total	11,860	6,101	8,633	14,479	23,112	455	826	1,298	30	61	55	1,103	1,116	2,251	124	213	378
Coleroon Lower Anicut.																	
1. Tanjore district	22,746	13,720	20,310	45,859	66,169	2,655	3,782	6,227	747	934	1,170	2,556	3,771	7,415	106	101	263
2. South Arcot do.	84,859	20,794	48,777	72,410	1,21,187	33,307	73,618	1,90,042	1,489	4,070	3,744	21,806	46,721	71,716	464	905	1,465
Total	107,605	34,514	69,087	1,18,269	1,87,356	35,962	77,400	1,96,269	2,236	5,004	4,914	24,362	50,492	79,131	570	1,006	1,728
Vellár River.																	
1. Shatyatope anicut	23,374	6,675	15,123	10,517	25,640	7,192	16,335	20,957	2,298	4,583	7,257	6,290	4,384	12,134	600	1,130	1,261
Manimuttanady River.																	
1. Vriddháchalam anicut	5,133	1,696	3,403	5,537	8,940	2,345	4,664	8,906	434	942	938	243	490	787	6	165	205
2. Mehamattur do.	2,737	506	1,054	2,090	3,144	1,810	4,221	6,885	152	380	228	12	64	45	18	46	70
Total	7,870	2,202	4,457	7,627	12,084	4,155	8,885	15,791	586	1,322	1,166	255	554	832	24	211	275
Myvrnady.																	
1. Kattumailur anicut	368	100	208	500	708	214	541	812	28	100	57	12	25	63	1	3	5
Gadilam River.																	
1. Tiruvadi anicut	6,282	1,424	4,275	4,424	8,700	166	590	490	748	1,944	2,539	3,188	8,535	13,015	4	11	16
2. Vanamadevi do.	709	463	1,754	4,189	5,943	30	115	111	96	286	142	8	21	63	..	..	..
3. Trivandipuram do.	1,928	622	1,553	8,266	9,819	..	..	..	161	386	430	142	274	1,946	19	44	124
Total	8,919	2,384	7,583	16,879	24,462	196	706	601	995	2,616	3,111	3,338	8,830	15,024	23	55	140
Kallar River.																	
1. Vikravándi anicut	1,777	612	1,231	2,572	3,803	494	1,250	2,048	78	162	713	115	158	310	6	14	19
Ponniár River.																	
1. Tirukoilúr anicut	23,009	13,437	23,394	50,351	73,715	2,301	3,506	8,734	1,236	2,299	2,510	1,402	2,204	4,965	183	191	489
Total .. { Tanjore district	22,746	13,720	20,310	45,859	66,169	2,655	3,782	6,227	747	934	1,170	2,556	3,771	7,415	106	101	263
Total .. { South Arcot do.	150,467	45,255	1,00,203	1,60,356	2,51,759	48,904	1,05,731	1,45,964	5,778	15,163	17,966	33,348	75,149	1,05,638	1,261	2,509	3,554

Statement of lands irrigated under the III Class works in the following districts for fasli 1296 (1886-87)—*cont.*

Name of canal.	GOVERNMENT—*cont.*						ZEMINDARI.										
	Total.			Second crop.		Total assessment, land and water.	Irrigated free of charge.		Irrigated and charged.						Total.		
	Extent.	Assessment.		Extent.	Water-rate.		Extent.		Dry converted into wet.		Dry crops watered.		Second crop.		Extent.		Water-rate.
		Land.	Water.				First crop.	Second crop.	First crop.		First crop.		Extent.	Water-rate.	First crop.	Second crop.	
									Extent.	Water-rate.	Extent.	Water-rate.					
	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
KURNOOL DISTRICT.	ACS.	RS.	RS.	ACS.	RS.	RS.	ACS.	ACS.	ACS.	RS.	ACS.	RS.	ACS.	RS.	ACS.	ACS.	RS.
1. Cumbum tank	3,469	4,093	21,784	2,953	11,647	37,524	..	..	..	..	..	..	..	..	..	..	..
CHINGLEPUT DISTRICT.																	
Kortalayar River.																	
1. Valur anicut	1,993	3,524	5,585	122	316	9,425	..	..	..	..	..	..	..	..	..	..	..
2. Madurántakam tank	5,821	7,327	12,879	1,523	2,812	23,018	..	..	..	..	..	..	..	..	..	..	..
Total	7,814	10,851	18,464	1,645	3,128	32,443	..	..	..	..	..	..	..	..	..	..	..
Coleroon Lower Anicut.																	
1. Tanjore district	19,784	28,898	60,934	1,398	2,856	92,688	..	..	..	..	..	..	..	..	..	..	..
2. South Arcot do.	77,860	1,74,091	2,49,377	3,735	10,123	4,33,591	..	..	..	..	..	..	..	..	..	..	..
Total	97,644	2,02,989	3,10,311	5,133	12,979	5,26,279	..	..	..	..	..	..	..	..	..	..	..
Vellár River.																	
1. Shatyatope anicut	21,356	56,166	52,166	2,681	7,043	1,15,375	..	..	..	..	..	..	..	..	..	..	..
Manimuttanady River.																	
1. Vriddháchalam anicut	4,784	9,865	16,373	513	1,537	27,775	..	..	..	..	..	..	..	..	..	..	..
2. Mehamattur do.	2,498	5,725	9,319	352	1,049	16,093	..	..	..	..	..	..	..	..	..	..	..
Total	7,282	15,590	25,692	865	2,586	43,868	..	..	..	..	..	..	..	..	..	..	..
Myvrnady.																	
1. Kattumailur anicut	365	877	1,437	58	211	2,525	..	..	..	..	..	..	..	..	..	..	..
Gadilam River.																	
1. Tiruvadi anicut	5,500	15,426	20,914	1,772	6,056	42,396	..	..	..	..	..	..	..	..	..	..	..
2. Vanamadevi do.	592	2,186	4,508	5	6	6,700	..	..	..	..	..	..	..	..	..	..	..
3. Trivandipuram do.	1,014	2,256	10,868	126	169	13,293	..	..	..	..	..	..	..	..	..	..	..
Total	7,106	19,868	36,290	1,903	6,231	62,389	..	..	..	..	..	..	..	..	..	..	..
Kallar River.																	
1. Vikravándi anicut	1,708	3,012	5,670	139	361	9,043	..	..	..	..	..	..	..	..	..	..	..
Ponniár River.																	
1. Tirukoilúr anicut	18,769	31,841	66,939	2,784	7,810	1,06,590	..	..	..	..	..	..	..	..	..	..	..
Total .. { Tanjore district	19,784	28,898	60,934	1,398	2,856	92,688	..	..	..	..	..	..	..	..	..	..	..
Total .. { South Arcot do.	134,446	3,01,445	4,37,571	12,165	34,365	7,73,381	..	..	..	..	..	..	..	..	..	..	..

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Statement of lands irrigated under the III Class works in the following districts for fasli 1296 (1886-87)—*cont.*

Name of canal.	Inams.															Total Government, Zemindari and Inams.		
	Irrigated free of charge.				Irrigated and charged.								Total.			First crop.		
	Extent.		Quit-rent.		Dry converted into wet.			Dry crops watered.			Second crop.		Extent.		Quit-rent and water-rate.	Extent.		
					First crop.			First crop.										
	First crop.	Second crop.	Land at one-third.	Water at two-thirds.	Extent.	Quit-rent.	Water-rate.	Extent.	Quit-rent.	Water-rate.	Extent.	Water-rate.	First crop.	Second crop.		Actually irrigated or charged as such.	Waste remitted.	Total.
	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50		
Kurnool District.	ACS.	ACS.	RS.	RS.	ACS.	RS.	RS.	ACS.	RS.	RS.	ACS.	RS.	ACS.	ACS.	RS.	ACS.	ACS.	ACS.
1. Cumbum tank	1,823	550	954	2,349	7	..	164	5	2	12	6	27	1,835	556	3,508	5,304	..	5,304
Chingleput District. *Kortalayár River.*																		
1. Valur anicut	2,833	12	946	1,926	..	..	..	32	..	72	43	104	2,865	55	3,047	4,858	..	4,858
2. Madurántakam tank	908	92	63	154	19	8	99	2	..	6	117	318	929	209	628	6,750	..	6,750
Total ..	3,741	104	1,009	2,080	19	8	99	34	..	78	160	422	3,794	264	3,675	11,608	..	11,608
Coleroon Lower Anicut.																		
1. Tanjore district	2,474	28	621	1,260	310	82	658	85	28	146	257	301	2,869	285	3,156	22,653	..	22,653
2. South Arcot do.	6,235	5	1,685	3,365	464	105	1,694	51	16	117	196	482	6,750	201	7,464	84,610	..	84,610
Total ..	8,709	33	2,306	4,625	774	187	2,352	136	44	263	453	783	9,619	486	10,620	107,263	..	107,263
Vellár River.																		
1. Shatyatope anicut	1,618	5	256	548	221	44	869	55	..	161	81	272	1,894	86	1,809	22,663	587	23,250
Manimuttanady River.																		
1. Vriddháchalam anicut	147	..	5	10	36	..	143	4	3	11	16	41	187	16	214	4,971	..	4,971
2. Mehamattur do.	32	..	1	1	203	3	765	4	1	7	15	45	239	15	823	2,737	..	2,737
Total ..	179	..	6	11	239	3	910	8	3	18	31	86	426	31	1,037	7,708	..	7,708
Myorenady.																		
1. Kattumailur anicut	2	..	..	..	1	..	5	..	..	..	..	..	3	..	5	368	..	368
Gadilam River.																		
1. Tiruvadi anicut	761	16	318	668	1	..	2	11	7	34	76	279	773	92	1,338	6,273	..	6,273
2. Vanamadevi do.	111	..	36	93	..	..	..	5	6	5	..	..	116	..	142	708	..	708
3. Trivandipuram do.	668	..	328	1,082	..	..	..	240	179	560	96	137	908	96	2,454	1,922	..	1,922
Total ..	1,540	16	682	1,843	1	..	2	256	192	599	172	416	1,797	188	3,934	8,903	..	8,903
Kullar River.																		
1. Vikravándi anicut	52	1	7	7	5	..	20	3	..	10	1	1	60	2	41	1,768	..	1,768
Ponniár River.																		
1. Tirukoilár anicut	1,490	13	159	330	149	259	571	23	2	38	62	156	1,662	75	1,561	19,983	448	20,431
Total .. { Tanjore district ..	2,474	28	621	1,260	310	82	658	85	28	146	257	301	2,869	285	3,156	22,653	..	22,653
{ South Arcot do. ..	11,116	40	2,992	6,119	1,080	411	3,379	396	215	944	545	1,492	12,592	585	15,904	146,098	1,035	147,133

Statement of lands irrigated under the III Class works in the following districts for fasli 1296 (1886-87)—*cont.*

Name of canal.	Total Government, Zemindari and Inams—*cont.*												
	First crop—*cont.*		Second crop.			Water-rate.	Total assessment and water-rate.	Share due to irrigation, i.e., sum of columns 52 and 54.	Deductions as per enclosure A.		Difference between columns 56 and 57, i.e., net revenue due to irrigation.		
	Assessment.		Extent.										
	Land.	Water.	Actually irrigated or charged as such.	Waste remitted.	Total.				First crop.	Second crop.	First crop.	Second crop.	Total.
	51	52	53			54	55	56	57		58		
Kurnool District.	RS.	RS.	ACS.	ACS.	ACS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
1. Cumbum tank	5,049	24,309	3,509	..	3,509	11,674	41,032	35,983	179	24	24,130	11,640	35,770
Chingleput District. *Kortalayár River.*													
1. Valur anicut	4,469	7,583	177	..	177	420	12,472	8,003	309	4	7,274	416	7,690
2. Madurántakam tank	7,398	13,118	1,732	..	1,732	3,030	23,546	16,148	168	8	12,950	3,022	15,972
Total ..	11,867	20,701	1,909	..	1,909	3,450	36,018	24,151	477	12	20,224	3,438	23,662
Coleroon Lower Anicut.													
1. Tanjore district	29,629	62,998	1,683	..	1,683	3,217	95,844	66,215	9	..	62,989	3,217	66,206
2. South Arcot do.	1,75,897	2,54,553	3,936	..	3,936	10,605	4,41,055	2,65,158	192	1	2,54,361	10,604	2,64,965
Total ..	2,05,526	3,17,551	5,619	..	5,619	13,822	5,36,899	3,31,373	201	1	3,17,350	13,821	3,31,171
Vellár River.													
1. Shatyatope anicut	55,476	53,443	2,767	..	2,767	7,325	1,17,244	60,768	10,130	489	43,313	6,836	50,149
Manimuttanady River.													
1. Vriddháchalam anicut	9,872	16,539	529	..	529	1,578	27,989	18,117	1,717	102	14,822	1,476	16,298
2. Mehamattur do.	5,730	10,092	367	..	367	1,094	16,916	11,186	1,078	75	9,014	1,019	10,033
Total ..	15,602	26,631	896	..	896	2,672	44,905	29,303	2,795	177	23,836	2,495	26,331
Myorenady.													
1. Kattumailur anicut	877	1,442	58	..	58	211	2,530	1,653	155	14	1,287	197	1,484
Gadilam River.													
1. Tiruvadi anicut	15,751	21,648	1,864	..	1,864	6,335	43,734	27,983	2,607	412	19,041	5,923	24,964
2. Vanamadevi do.	2,230	4,606	5	..	5	6	6,842	4,612	1,688	..	2,918	6	2,924
3. Trivandipuram do.	2,961	12,480	222	..	222	306	15,747	12,786	2,819	9	9,661	297	9,958
Total ..	20,942	38,734	2,091	..	2,091	6,647	66,323	45,381	7,114	421	31,620	6,226	37,846
Kullar River.													
1. Vikravándi anicut	3,015	5,707	141	..	141	362	9,084	6,069	682	28	5,025	334	5,359
Ponniár River.													
1. Tirukoilár anicut	32,252	67,884	2,859	..	2,859	8,005	1,08,141	75,889	9,508	525	58,376	7,480	65,856
Total .. { Tanjore district ..	29,629	62,998	1,683	..	1,683	3,217	95,844	66,215	9	..	62,989	3,217	66,206
{ South Arcot do. ..	3,05,061	4,48,394	12,748	..	12,748	35,827	7,89,282	4,84,221	30,576	1,655	4,17,818	34,172	4,51,990

(Signed) P. RAJARATNA MUDALIAR,
Secretary.

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ENCLOSURE A.

MEMORANDUM showing causes of deductions in column 57.

—	Fixed.	Temporary.	OCCASIONAL, I.E., REMISSIONS PROPER AND REFUNDS.						TOTAL DEDUCTIONS.
			Excess of water.		Defect of water.		Other causes.		
			Area.	Assessment, land and water.	Area.	Assessment, land and water.	Area.	Amount.	Amount.
	1	2	3		4		5		6
KURNOOL DISTRICT.									
1. Cumbum tank	RS. 212	RS. 1	ACS. ..	RS. ..	ACS. ..	RS. ..	ACS. ..	RS. ..	RS. 213
CHINGLEPUT DISTRICT. *Kortalayar River.*									
1. Valur anicut .. .. 2. Madurantakam tank	.. ..	313 176	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	313 176
Total ..	..	489	..	..	..	..	..	..	489
Coleroon Lower Anicut.									
1. Tanjore district .. .. 2. South Arcot do.	.. 192	9 1	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	9 193
Total ..	192	10	..	..	..	..	..	..	202
Vellar River.									
1. Shatyatope anicut	7,722	429	19	269	511	2,141	17	58	10,619
Manimuttanady River.									
1. Vriddhachalam anicut .. .. 2. Mohamattur do.	1,741 1,123	.. ..	.. ..	.. ..	.. ..	.. ..	.. ..	78 30	1,819 1,153
Total ..	2,864	..	..	..	..	..	..	108	2,972
Myrenady.									
1. Kattamailur anicut	169	..	..	..	..	..	..	..	169
Gadilam River.									
1. Tiruvadi anicut .. .. 2. Varanandevi do. .. .. 3. Trivandipuram do.	2,612 511 1,173	407 1,177 1,655	.. .. ..	.. .. ..	.. .. ..	.. .. ..	.. .. ..	.. .. ..	3,019 1,688 2,828
Total ..	4,296	3,239	..	..	..	..	..	..	7,535
Kullar River.									
1. Vikravandi anicut	679	31	..	..	..	..	..	..	710
Pennair River.									
1. Tirukoilur anicut	7,474	149	..	..	370	2,139	73	271	10,033
Total .. { Tanjore district .. .. { South Arcot do.	.. [illegible]	9 [illegible]	 50	.. 269	.. 887	.. 4,280	.. 90	.. 443	9 32,231

(Signed) P. RAJARATNA MUDALIAR,
Secretary.

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ENCLOSURE B.

PARTICULARS of remissions entered in column 57.

—	GOVERNMENT.													ZEMINDARI.		INAMS.		TOTAL OF REMISSIONS.		
	Usual wet.			Dry converted into wet and dry crops watered.		Waste brought in.		Miscellaneous.		Second crop.	Total.			Water-rate.		Water-rate.				
	Assessment.			Assessment.		Assessment.		Assessment.			Assessment.									
	Land.	Water.	Total.	Land.	Water.	Land.	Water.	Land.	Water.	Water-rate.	Land.	Water.	Total.	First crop.	Second crop.	First crop.	Second crop.	First crop.	Second crop.	Total.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14		15		16		
KURNOOL DISTRICT.																				
1. Cumbum tank	RS. 4	RS. 90	RS. 94	RS. ..	RS. ..	RS. 7	RS. 78	RS. ..	RS. ..	RS. 34	RS. 11	RS. 202	RS. 213	RS. ..	RS. ..	RS. ..	RS. ..	RS. 179	RS. 34	RS. 213
CHINGLEPUT DISTRICT. *Kortalayar River.*																				
1. Valur anicut .. .. 2. Madurantakam tank ..	.. ..	47 162	47 162	.. ..	261 6	.. ..	1 ..	.. ..	.. ..	4 8	.. ..	313 176	313 176	.. ..	.. ..	.. ..	.. ..	309 168	4 8	313 176
Total ..	..	209	209	..	267	..	1	..	..	12	..	489	489	..	..	..	..	477	12	489
Coleroon Lower Anicut.																				
1. Tanjore district .. 2. South Arcot do. ..	.. 72	.. 97	.. 169	.. 6	.. 15	.. 1	.. 1	.. ..	.. ..	.. 1	.. 79	.. 114	.. 193	.. ..	.. ..	9 ..	.. ..	9 192	.. 1	9 193
Total ..	72	97	169	6	15	1	1	..	..	1	79	114	193	..	..	9	..	201	1	202
Vellar River.																				
1. Shatyatope anicut ..	1,473	1,032	2,505	1,722	2,591	1,769	1,100	145	187	469	5,109	5,379	10,488	..	..	111	20	10,130	489	10,619
Manimuttanady River.																				
1. Vriddhachalam anicut .. 2. Mohamattur do. ..	228 71	367 142	595 213	375 311	636 486	30 3	47 4	10 3	12 7	101 72	643 388	1,163 711	1,806 1,099	.. ..	.. ..	12 51	1 3	1,717 1,078	102 75	1,819 1,153
Total ..	299	509	808	686	1,122	33	51	13	19	173	1,031	1,874	2,905	..	..	63	4	2,795	177	2,972
Myrenady.																				
1. Kattamailur anicut ..	14	34	48	43	57	2	4	..	1	14	59	110	169	..	..	..	..	155	14	169
Gadilam River.																				
1. Tiruvadi anicut .. 2. Vadamadevi do. .. 3. Trivandipuram do. ..	331 599 354	388 1,030 1,844	709 1,629 2,198	252 10 9	243 9 12	510 9 59	801 21 440	 3	1 .. 15	390 .. 5	1,143 588 425	1,823 1,090 2,316	2,966 1,678 2,741	.. .. ..	.. .. ..	31 10 83	23 .. 1	2,607 1,688 2,819	412 .. 9	3,019 1,688 2,828
Total ..	1,304	3,292	4,599	271	264	578	1,262	3	16	395	2,156	5,229	7,385	..	..	124	23	7,114	421	7,535
Kullar River.																				
1. Vikravandi anicut ..	105	194	299	105	225	11	21	7	9	28	228	478	706	..	..	4	..	682	28	710
Pennair River.																				
1. Tirukoilur anicut ..	2,134	5,100	7,234	299	836	223	620	13	40	517	2,769	7,175	9,942	..	..	83	8	9,508	525	10,033
Total { Tanjore district { South Arcot do.	.. 5,191	.. 10,319	.. 15,719	.. 3,232	.. 5,111	.. 2,617	.. [illegible]	.. 181	.. 272	.. 1,597	.. 11,431	.. 20,357	.. 31,788	.. ..	.. ..	9 285	.. 68	9 30,570	.. 1,655	9 32,231

(Signed) P. RAJARATNA MUDALIAR,
Secretary.

Proceedings of the Board of Revenue (Revenue Settlement, Land Records and Agriculture), dated 21st October 1887, Mis No. 2669.

J. GROSE, ESQ., M.A., C.S., COMMISSIONER.

Read—letter from the Examiner, Public Works Accounts, Madras, No. 15 B.R., dated 12th October 1887.

ABSTRACT.—Requesting to explain the causes of differences which appear on comparison of the actuals of indirect revenue for 1886-87 with the revised estimate for the same year and with the actuals for 1885-86.

Resolution—dated 21st October 1887, Mis. No. 2669.

The following statement shows the actuals of the revenue for 1885-86 and 1886-87 due to the Irrigation systems for which Capital and Revenue Accounts are kept in comparison with the revised estimates for 1886-87 :—

Name of works.	Actuals for 1885-86.	Actuals for 1886-87.	Revised estimate for 1886-87.
	RS.	RS.	RS.
Godávari anicut	17,36,951	17,81,398	16,34,000
Kistna do.	11,05,918	11,36,672	10,01,300
Pennér do.	1,25,336	1,26,797	1,23,500
Sangam do.	30,325	58,244	39,900
Cauvery do.	6,88,811	6,93,229	6,51,700
Srívaikuntham anicut	1,08,486	1,05,878	1,13,375
Total ...	37,95,827	39,02,218	35,66,775
Chembrambakam Tank	34,807	39,099	37,620
Pálár anicut	1,16,940	1,22,149	1,25,400
Pelandorai anicut	3,718	5,772	4,845
Madras Water-supply and Irrigation project.	7,881	9,625	10,260
Total ...	1,63,346	1,76,645	1,78,125
Grand Total ...	39,59,173	40,78,863	37,44,900

2. The actuals of 1886-87 exceeded the revised estimates for that year under all systems, with the exception of the Srívaikuntham and Pálár anicuts and the Madras Water-supply and Irrigation project. In the case of the Gadávari and Kistna anicuts there was a marked increase. The revised estimates for these works were each fixed at about a lakh of rupees less than the actuals of 1885-86 owing to the breaches in the irrigation canals and to damages to crops caused by excessive rainfall in the months of August and October 1886, but the floods having subsided early, the transplantation of wet paddy was immediately resumed and there was eventually an increase in the irrigated area. The increase under the Sangam project was due to the improvements made to the work. The decrease in the actuals of 1886-87 under the Srívaikuntham anicut was due to the failure of rain. The difference between the actuals and the revised estimates of the remaining systems is small and calls for no explanation.

(True Extract.)

(Signed) P. RAJARATNA MUDALIAR,
Secretary.

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Proceedings of the Board of Revenue (Revenue Settlement, Land Records and Agriculture), dated 2nd November 1887, Mis. No. 2780.

J. GROSE, ESQ., M.A., C.S., COMMISSIONER.

Read—again Board's Proceedings, dated 4th October 1887, Mis. No. 2476.

ABSTRACT.—Forwarding to the Chief Engineer for Irrigation, Irrigation revenue accounts for fasli 1296 for works for which continuous record is kept.

Read—letter from the Chief Engineer for Irrigation, No. 195 M., dated 6th October 1887.

ABSTRACT.—Requesting to expedite the submission of certain returns required for completing the compilation of the Irrigation Administration Report for 1886-87.

Read—also letter from the Chief Engineer for Irrigation, No. 232 M., dated 25th October 1887.

ABSTRACT.—Requesting to expedite the despatch of certain returns urgently required for completing the compilation of the Administration Report of the Public Works Department, Irrigation Branch, for 1886-87.

Resolution—dated 2nd November 1887, Mis. No. 2780.

The Irrigation revenue accounts for fasli 1296 of class IV works, Imperial and Minor, in the Presidency, for which neither Capital and Revenue accounts nor continuous record are maintained, are herewith forwarded to the Chief Engineer for Irrigation.

2. The statement showing the outturn of crops grown during 1886-87 and the final report on the Irrigation accounts of all classes of works will be sent in the course of the next week.

(True Extract)

(Signed) P. RAJARATNA MUDALIAR,
Secretary.

STATEMENT of lands irrigated under Class IV works in the Madras Presidency for fasli 1296 (1886-87).

Name of District.	Irrigable area of Government, Zemindari and Inams.	Government. Usual wet. Extent.	Usual wet. Assessment. Land.	Usual wet. Assessment. Water.	Usual wet. Assessment. Total.	Dry converted into wet. Extent.	Dry converted into wet. Assessment. Land.	Dry converted into wet. Assessment. Water.	Dry crops watered. Extent.	Dry crops watered. Assessment. Land.	Dry crops watered. Assessment. Water.	Waste brought in. Extent.	Waste brought in. Assessment. Land.	Waste brought in. Assessment. Water.	Miscellaneous. Extent.	Miscellaneous. Assessment. Land.	Miscellaneous. Assessment. Water.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
	ACS.	ACS.	RS.	RS.	RS.	ACS.	RS.	RS.	ACS.	RS.	RS.	ACS.	RS.	RS.	ACS.	RS.	RS.
1. Ganjam	93,335	74,523	99,761	99,267	1,99,028	246	55	422	371	47	692	170	155	181	[illegible]	211	587
2. Vizagapatam	15,215	10,094	10,626	35,311	45,937	1,090	989	3,256	495	879	1,260	56	79	124	[illegible]	480	644
3. Godávari	55,352	26,879	22,194	66,240	98,454	934	549	7,880	126	79	259	633	530	1,335	91	364	327
4. Kistna	29,646	13,181	27,713	68,494	96,207	1,295	1,779	5,162	270	458	693	2,807	2,432	8,640	[illegible]	265	1,221
5. Nellore	37,627	25,599	29,920	97,679	1,26,999	825	842	2,332	2,236	2,018	4,027	667	484	2,604	[illegible]	111	682
6. Cuddapah	153,465	83,851	85,235	3,53,411	4,38,646	4,295	3,091	13,096	5,447	3,925	13,911	1,240	1,019	4,708	[illegible]	1,160	3,578
7. Anantapur	71,171	40,488	19,254	1,57,372	1,76,626	4,934	3,947	14,164	1,638	826	2,971	810	216	2,229	[illegible]	339	3,346
8. Bellary	26,249	13,429	11,860	49,336	61,196	1,161	704	3,918	699	342	1,641	392	244	1,909	[illegible]	269	949
9. Kurnool	30,555	15,793	17,121	57,241	74,362	2,379	2,399	7,324	621	875	1,263	827	402	1,915	179	224	968
10. Chingleput	133,078	102,978	1,12,140	2,28,353	3,40,493	1,193	2,625	4,409	866	1,152	2,373	3,671	2,945	7,373	1,138	767	7,835
11. North Arcot	178,865	122,216	1,51,692	4,18,435	5,70,127	8,072	12,725	27,436	10,771	15,632	30,318	1,942	2,493	3,799	1,028	1,329	4,939
12. South do.	199,621	133,047	2,13,543	4,26,435	6,39,978	27,695	46,479	1,94,114	10,956	29,317	29,867	5,164	7,717	27,169	1,677	2,862	3,805
13. Tanjore	35,824	18,774	19,814	39,140	58,914	3,329	3,575	5,605	296	280	479	5,851	6,623	6,952	189	191	329
14. Trichinopoly	58,976	25,213	28,927	58,917	84,911	3,879	5,898	15,174	7,716	8,656	22,286	3,741	3,653	7,644	599	1,012	1,809
15. Madura	103,973	64,875	84,196	1,46,832	2,31,027	20,517	27,920	41,095	1,099	1,466	3,918	753	929	1,452	130	129	215
16. Tinnevelly	84,088	71,326	61,822	3,99,925	3,89,847	505	284	2,129	2,799	1,432	10,785	1,019	838	4,409	110	144	1,219
17. Coimbatore	18,768	13,376	12,096	44,668	56,764	355	555	1,766	2,348	2,891	4,572	71	41	256	42	35	288
18. Salem	88,618	71,452	1,06,712	2,09,596	3,16,308	4,258	6,454	14,327	1,205	1,566	2,896	967	1,356	2,468	90	173	420
Total	1,418,012	932,373	11,62,997	28,50,650	40,13,647	90,551	1,17,704	3,67,260	45,513	62,669	1,34,852	30,825	31,765	77,287	[illegible]	10,172	32,631

Statement of lands irrigated under Class IV works in the Madras Presidency for fasli 1296 (1886-87)—*cont.*

Name of district.	Government—cont. Total. Extent.	Total. Assessment. Land.	Total. Assessment. Water.	Second crop. Extent.	Second crop. Water-rate.	Total assessment, land and water.	Zemindari. Irrigated free of charge. Extent. First crop.	Irrigated free of charge. Extent. Second crop.	Irrigated and charged. Dry converted into wet. First crop. Extent.	Dry converted into wet. First crop. Water-rate.	Dry crops watered. First crop. Extent.	Dry crops watered. First crop. Water-rate.	Second crop. Extent.	Second crop. Water-rate.	Total. Extent. First crop.	Total. Extent. Second crop.	Total. Water-rate.
	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
	ACS.	RS.	RS.	ACS.	RS.	RS.	ACS.	ACS.	ACS.	RS.	ACS.	RS.	ACS.	RS.	ACS.	ACS.	RS.
1. Ganjam	75,616	1,00,342	1,01,069	2,110	2,265	2,03,679	..	..	..	..	..	..	..	..	..	..	..
2. Vizagapatam	11,341	13,044	40,665	1,768	902	54,551	..	..	..	..	..	..	..	..	..	..	..
3. Godávari	28,654	32,756	70,916	466	582	1,05,253	6	..	82	249	..	..	..	..	89	..	249
4. Kistna	25,811	33,051	84,112	226	538	1,17,701	..	..	26	108	..	..	..	..	26	..	108
5. Nellore	29,829	32,875	1,97,584	3,519	7,254	1,47,913	..	..	32	57	..	..	5	12	32	5	69
6. Cuddapah	98,544	94,423	3,91,992	38,706	78,892	5,55,214	..	..	..	..	..	..	..	..	..	..	..
7. Anantapur	48,812	22,472	1,76,890	14,497	32,032	2,31,401	..	..	..	..	..	..	..	..	..	..	..
8. Bellary	15,992	13,509	48,101	4,678	9,583	71,193	..	..	..	..	..	..	..	..	..	..	..
9. Kurnool	17,519	20,779	68,729	3,568	11,291	1,00,799	..	..	..	..	..	..	..	..	..	..	..
10. Chingleput	110,138	1,18,842	2,43,324	16,705	30,720	3,94,886	702	3	..	..	..	..	12	9	702	15	9
11. North Arcot	145,026	2,23,778	4,85,989	69,070	1,48,765	8,59,532	..	..	..	..	..	..	..	..	..	..	..
12. South do.	167,538	2,90,923	5,73,825	23,949	66,817	9,31,565	..	..	..	..	..	..	..	..	..	..	..
13. Tanjore	28,470	29,343	52,589	3,320	5,760	87,672	..	..	..	..	..	..	..	..	..	..	..
14. Trichinopoly	43,211	47,546	99,832	15,598	27,942	1,75,320	1,818	1,818	..	..	..	..	..	..	1,818	1,818	..
15. Madura	88,327	1,14,270	1,94,588	25,334	33,142	3,42,030	41	..	32	65	..	..	..	..	73	..	65
16. Tinnevelly	75,928	84,526	3,26,600	28,735	31,662	4,42,791	1,453	591	..	..	..	..	25	98	1,453	616	98
17. Coimbatore	16,397	15,638	51,498	5,566	7,827	74,963	..	..	..	..	..	..	..	..	..	..	..
18. Salem	77,966	1,16,191	2,29,714	69,261	68,198	4,14,103	252	..	38	207	..	..	207	325	290	207	532
Total	1,112,652	13,85,298	33,51,046	327,015	5,84,192	53,20,536	4,272	2,412	211	686	..	..	249	444	4,483	2,661	1,130

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Statement of lands irrigated under Class IV works in the Madras Presidency for fasli 1296 (1886-87)—*cont.*

Name of district.	INAMS.															TOTAL GOVERNMENT, ZEMINDARI AND INAMS.		
	Irrigated free of charge.				Irrigated and charged.								Total.			First crop.		
	Extent.		Quit-rent.		Dry converted into wet.			Dry crops watered.			Second crop.		Extent.		Quit-rent and water-rate.	Extent.		
	First crop.	Second crop.	Land at one-third.	Water at two-thirds.	First crop.			First crop.			Extent.	Water-rate.	First crop.	Second crop.		Actually irrigated or charged as such.	Waste remitted.	Total.
					Extent.	Quit-rent.	Water-rate.	Extent.	Quit-rent.	Water-rate.								
	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50		
	ACS.	ACS.	RS.	RS.	ACS.	RS.	RS.	ACS.	RS.	RS.	ACS.	RS.	ACS.	ACS.	RS.	ACS.	ACS.	ACS.
1. Ganjam	17,465	5	3,654	7,347	116	16	190	33	1	53	57	80	17,614	63	11,371	92,182	1,048	93,230
2. Vizagapatam	2,769	339	657	1,366	150	45	494	93	52	228	66	27	3,012	405	2,943	14,792	164	14,956
3. Godávari	12,693	2	1,498	3,073	129	26	420	36	8	150	302	460	12,858	304	5,641	50,761	840	51,601
4. Kistna	2,533	..	739	1,522	118	105	1,960	73	30	657	4	9	3,124	4	4,922	24,545	2,416	26,961
5. Nellore	6,455	22	1,429	2,863	112	87	402	170	41	383	412	899	6,737	504	6,114	35,070	1,528	36,598
6. Cuddapah	52,731	8,567	11,957	40,698	2,086	532	5,071	4,710	589	3,304	2,402	20,668	59,527	17,969	1,02,915	150,594	2,477	153,071
7. Anantapur	13,082	3,232	2,649	6,379	847	216	2,422	290	48	714	635	1,008	14,219	3,867	13,436	56,312	6,710	63,022
8. Bellary	6,158	3,418	1,961	5,255	311	124	1,165	98	28	209	82	138	6,567	3,590	8,820	21,071	1,618	22,689
9. Kurnool	9,206	480	1,782	3,871	1,723	298	5,461	261	86	1,101	882	2,404	11,190	1,371	15,103	28,053	656	28,709
10. Chingleput	13,474	262	842	1,729	372	299	961	97	67	944	1,675	3,286	13,943	1,937	8,068	120,253	1,530	121,783
11. North Arcot	25,643	14,256	7,648	21,204	663	318	2,925	1,149	480	3,324	1,626	8,781	27,455	17,981	43,789	173,058	353	173,411
12. South do.	11,194	38	2,116	4,256	529	97	2,265	202	74	462	865	2,507	11,925	903	11,770	174,877	4,586	179,463
13. Tanjore	3,388	1	469	938	33	14	68	13	5	[illegible]	28	30	3,434	29	1,543	30,653	941	31,594
14. Trichinopoly	10,925	1,668	1,075	2,492	449	93	534	573	56	1,092	632	1,380	11,947	2,297	7,212	55,288	1,718	57,006
15. Madura	7,633	785	677	2,105	1,657	56	1,145	110	4	268	440	809	9,400	1,226	7,664	86,202	11,598	97,800
16. Tinnevelly	5,992	2,198	3,911	10,213	20	3	91	229	95	756	1,018	2,568	6,241	5,216	17,574	66,321	17,301	83,622
17. Coimbatore	1,484	144	185	411	5	6	11	285	23	694	423	143	1,774	267	1,473	17,417	754	18,171
18. Salem	6,330	5,500	2,787	8,557	265	72	796	104	49	266	133	179	6,699	5,733	12,766	84,629	326	84,955
Total ..	208,786	41,123	46,250	1,44,311	10,125	2,513	27,726	8,526	1,703	15,170	20,451	45,376	224,417	61,374	2,83,055	1,285,088	56,464	1,341,552

Statement of lands irrigated under Class IV works in the Madras Presidency for fasli 1296 (1886-87)—*cont.*

Name of district.	TOTAL GOVERNMENT, ZEMINDARI AND INAMS—*cont.*												
	First crop—*cont.*		Second crop.			Water-rate.	Total assessment and water-rate.	Share due to irrigation, *i.e.*, sum of columns 52 and 54.	Deductions as per enclosure A.		Difference between columns 56 and 57, *i.e.*, net revenue due to irrigation.		
	Assessment.		Extent.										
	Land.	Water.	Actually irrigated or charged as such.	Waste remitted.	Total.				First crop.	Second crop.	First crop.	Second crop.	Total.
	51	52	53			54	55	56	57		58		
	RS.	RS.	ACS.	ACS.	ACS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
1. Ganjam	1,04,043	1,08,659	2,172	..	2,172	2,348	2,15,050	1,11,007	5,095	6	1,03,564	2,342	1,05,906
2. Vizagapatam	13,838	42,727	2,173	..	2,173	929	57,494	43,656	425	7	42,302	922	43,224
3. Godávari	35,287	74,814	710	..	710	1,042	1,11,143	75,856	1,949	..	72,865	1,042	73,907
4. Kistna	33,925	88,259	230	..	230	547	1,22,731	88,806	10,875	2	77,384	545	77,929
5. Nellore	34,442	1,11,389	4,015	13	4,028	8,265	1,54,096	1,19,654	9,629	36	1,01,760	8,229	1,09,989
6. Cuddapah	1,07,504	4,61,155	56,571	104	56,675	99,470	6,68,129	5,60,625	65,778	3,715	3,95,377	95,755	4,91,132
7. Anantapur	25,385	1,86,405	18,303	61	18,364	33,047	2,44,837	2,19,452	30,137	449	1,56,268	32,598	1,88,866
8. Bellary	15,562	54,730	8,177	1	8,178	9,721	80,013	64,451	5,736	40	48,994	9,681	58,675
9. Kurnool	23,045	79,162	4,929	10	4,939	13,695	1,15,902	92,857	6,281	325	72,881	13,370	86,251
10. Chingleput	1,20,050	2,48,898	18,509	148	18,657	34,015	4,02,963	2,82,913	14,257	1,084	2,34,641	32,931	2,67,572
11. North Arcot	2,32,224	5,13,542	86,968	83	87,051	1,57,546	9,03,312	6,71,088	12,592	2,390	5,00,950	1,55,156	6,56,106
12. South do.	2,93,210	5,80,801	24,801	51	24,852	69,324	9,43,335	6,50,125	88,671	5,433	4,92,130	63,891	5,56,021
13. Tanjore	29,831	53,594	3,349	..	3,349	5,790	89,215	59,384	3,132	..	50,462	5,790	56,252
14. Trichinopoly	48,800	1,04,410	19,713	..	19,713	29,322	1,82,582	1,33,732	7,188	414	97,222	28,908	1,26,130
15. Madura	1,15,207	2,00,571	21,457	5,102	26,559	33,951	3,49,729	2,34,522	37,769	8,151	1,62,802	25,800	1,88,602
16. Tinnevelly	68,466	3,37,669	29,710	2,857	32,567	54,328	4,60,463	3,91,997	92,852	6,949	2,44,817	47,379	2,92,196
17. Coimbatore	15,852	52,614	5,594	238	5,832	7,970	76,436	60,584	4,669	567	47,945	7,403	55,348
18. Salem	1,19,099	2,39,540	75,152	49	75,201	68,702	4,27,341	3,08,242	1,939	406	2,37,601	68,296	3,05,897
Total ..	14,35,770	35,38,939	382,533	8,717	391,250	6,30,012	56,04,721	41,68,951	3,98,974	29,974	31,39,965	6,00,038	37,40,003

(Signed)* P. RAJARATNA MUDALIAR,
Secretary.

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Statement of lands irrigated under Class IV works in the Madras Presidency for fasli 1296 (1886-87)—*cont.*

Name of district.	Inams.															Total Government, Zemindari and Inams.		
	Irrigated free of charge.				Irrigated and charged.								Total.			First crop.		
	Extent.		Quit-rent.		Dry converted into wet.			Dry crops watered.			Second crop.		Extent.		Quit-rent and water-rate.	Extent.		
	First crop.	Second crop.	Land at one-third.	Water at two-thirds.	First crop.			First crop.			Extent.	Water-rate.	First crop.	Second crop.		Actually irrigated or charged as such.	Waste remitted.	Total.
					Extent.	Quit-rent.	Water-rate.	Extent.	Quit-rent.	Water-rate.								
	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49		50	
	ACS.	ACS.	RS.	RS.	ACS.	RS.	RS.	ACS.	RS.	RS.	ACS.	RS.	ACS.	ACS.	RS.	ACS.	ACS.	ACS.
1. Ganjam	17,463	5	3,654	7,357	115	16	190	33	1	52	57	80	17,614	62	11,371	22,182	1,048	23,230
2. Vizagapatam	2,769	329	637	1,306	150	45	494	94	52	225	66	27	3,012	405	7,945	14,792	164	14,956
3. Godávari	12,495	2	1,498	2,073	129	26	420	36	8	156	302	460	12,656	304	5,641	50,751	840	51,591
4. Kistna	2,533	..	729	1,527	118	105	1,960	73	36	657	4	9	3,124	4	4,922	24,445	2,416	26,861
5. Nellore	6,435	22	1,439	2,865	112	87	402	170	41	353	422	899	8,737	504	6,114	29,070	1,525	30,595
6. Cuddapah	52,731	8,567	11,357	40,695	2,446	528	5,071	1,710	589	3,504	2,402	20,668	56,527	17,969	1,01,915	160,594	2,477	163,071
7. Anantapur	13,083	3,222	2,649	6,279	638	216	2,422	290	48	714	635	1,008	14,219	3,867	13,436	56,312	6,710	63,022
8. Bellary	6,158	3,416	1,261	5,255	241	124	1,165	99	28	209	82	128	6,507	3,500	8,320	21,071	1,818	22,889
9. Kurnool	9,206	480	1,752	3,871	1,725	298	5,461	261	86	1,101	882	2,404	11,190	1,571	15,103	28,053	656	28,709
10. Chingleput	12,474	282	842	1,729	112	299	901	97	67	944	1,675	3,286	13,942	1,937	3,068	173,253	1,530	174,783
11. North Arcot	25,643	14,234	7,648	21,304	603	318	2,025	1,149	480	2,324	1,695	8,781	27,485	17,981	43,789	173,058	353	173,411
12. South do.	11,194	36	2,116	4,236	679	97	3,368	302	74	462	865	2,307	11,825	965	11,779	174,877	4,586	179,463
13. Tanjore	3,088	1	462	958	13	14	68	13	3	18	28	30	3,434	39	1,243	29,663	941	30,604
14. Trichinopoly	10,955	1,055	1,975	2,691	449	53	534	873	68	1,0[illegible]	633	1,980	11,947	2,297	7,212	55,288	1,718	57,006
15. Madura	7,053	765	877	2,105	1,617	56	3,445	110	4	266	440	809	9,400	1,225	7,664	86,292	11,508	97,800
16. Tinnevelly	5,992	2,198	2,911	10,213	73	3	91	229	32	756	1,018	2,308	6,241	3,216	17,574	65,321	17,861	83,182
17. Coimbatore	1,484	144	153	411	5	6	11	256	33	694	423	143	1,774	267	1,473	17,417	754	18,171
18. Salem	6,320	4,600	3,757	6,551	264	73	795	104	49	266	133	179	6,699	5,733	12,766	84,629	326	84,955
Total ..	208,[illegible]	41,123	46,356	1,44,311	10,115	2,513	27,736	5,936	1,702	15,179	20,451	45,376	224,617	61,374	2,83,066	1,285,089	56,464	1,341,553

Statement of lands irrigated under Class IV works in the Madras Presidency for fasli 1296 (1886-87)—*cont.*

Name of district.	Total Government, Zemindari and Inams—*cont.*												
	First crop—*cont.*		Second crop.										
	Assessment.		Extent.			Water-rate.	Total assessment and water-rate.	Share due to irrigation, *i.e.*, sum of columns 52 and 54.	Deductions as per enclosure A.		Difference between columns 56 and 57, *i.e.*, net revenue due to irrigation.		
	Land.	Water.	Actually irrigated or charged as such.	Waste remitted.	Total.				First crop.	Second crop.	First crop.	Second crop.	Total.
	51	52		53		54	55	56	57			58	
	RS.	RS.	ACS.	ACS.	ACS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
1. Ganjam	1,04,043	1,08,659	2,172	..	2,172	2,348	2,15,050	1,11,007	5,095	6	1,03,564	2,342	1,05,906
2. Vizagapatam	13,838	42,727	2,173	..	2,173	929	57,494	43,656	425	7	42,302	922	43,224
3. Godávari	35,287	74,814	710	..	710	1,042	1,11,143	75,856	1,949	..	72,865	1,042	73,907
4. Kistna	33,925	88,259	230	..	230	547	1,22,731	88,806	10,875	2	77,384	545	77,929
5. Nellore	34,442	1,11,389	4,015	13	4,028	8,265	1,54,096	1,19,654	9,629	36	1,01,760	8,229	1,09,989
6. Cuddapah	1,07,504	4,61,155	56,571	104	56,675	99,470	6,68,129	5,60,625	65,778	3,715	3,95,377	95,755	4,91,132
7. Anantapur	25,385	1,86,405	18,303	61	18,364	33,047	2,44,837	2,19,452	30,137	449	1,56,268	32,598	1,88,866
8. Bellary	15,562	54,730	8,177	1	8,178	9,721	80,013	64,451	5,736	40	48,994	9,681	58,675
9. Kurnool	23,045	79,162	4,929	10	4,939	13,695	1,15,902	92,857	6,281	325	72,881	13,370	86,251
10. Chingleput	1,20,050	2,48,898	18,509	148	18,657	34,015	4,02,963	2,82,913	14,257	1,084	2,34,641	32,931	2,67,572
11. North Arcot	2,32,224	5,13,542	86,968	83	87,051	1,57,546	9,03,312	6,71,088	12,592	2,390	5,00,950	1,55,156	6,56,106
12. South do.	2,93,210	5,80,801	24,801	51	24,852	69,324	9,43,335	6,50,125	88,671	5,433	4,92,130	63,891	5,56,021
13. Tanjore	29,831	53,594	3,349	..	3,349	5,790	89,215	59,384	3,132	..	50,462	5,790	56,252
14. Trichinopoly	48,800	1,04,410	19,713	..	19,713	29,322	1,82,532	1,33,732	7,188	414	97,222	28,908	1,26,130
15. Madura	1,15,207	2,00,571	21,457	5,102	26,559	33,951	3,49,729	2,34,522	37,769	8,151	1,62,802	25,800	1,88,602
16. Tinnevelly	68,466	3,37,669	29,710	2,857	32,567	54,328	4,60,463	3,91,997	92,852	6,949	2,44,817	47,379	2,92,196
17. Coimbatore	15,852	52,614	5,594	238	5,832	7,970	76,436	60,584	4,669	567	47,945	7,403	55,348
18. Salem	1,19,099	2,39,540	75,152	49	75,201	68,702	4,27,341	3,08,242	1,939	406	2,37,601	68,296	3,05,897
Total ..	14,35,770	35,38,939	382,533	8,717	391,250	6,30,012	56,04,721	41,68,951	3,98,974	29,974	31,39,965	6,00,038	37,40,003

(Signed) P. RAJARATNA MUDALIAR,
Secretary.

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ENCLOSURE A.

MEMORANDUM showing causes of deductions in column 57.

Name of district.	Fixed.	Temporary.	OCCASIONAL, *i.e.*, REMISSIONS PROPER AND REFUNDS.						TOTAL DEDUCTIONS.
			Excess of water.		Defect of water.		Other cases.		
			Area.	Assessment, land and water.	Area.	Assessment, land and water.	Area.	Amount.	Amount.
	1	2	3		4		5		6
	RS.	RS.	ACS.	RS.	ACS.	RS.	ACS.	RS.	RS.
1. Ganjam	583	2,597	569	1,055	469	847	10	19	5,101
2. Vizagapatam	19	73	117	248	1	2	46	96	432
3. Godávarí	251	22	97	244	727	1,399	16	31	1,949
4. Kistna	124	185	1,432	6,771	735	2,760	229	1,037	10,877
5. Nellore	15	2,719	64	289	1,409	8,349	68	231	9,665
6. Cuddapah	46,781	12,719	44	121	2,342	9,053	195	399	69,493
7. Anantapur	462	2,886	182	958	6,356	25,241	223	1,118	30,636
8. Bellary	140	747	80	347	1,439	4,542	..	..	5,776
9. Kurnool	1,252	1,778	2	5	572	5,205	92	362	6,606
10. Chingleput	392	10,419	32	79	1,487	3,993	189	567	15,341
11. North Arcot	10,711	2,669	13	70	899	1,450	24	92	14,982
12. South do.	69,430	2,072	4	15	4,158	20,087	475	1,509	94,104
13. Tanjore	..	201	..	..	941	2,931	..	..	3,132
14. Trichinopoly	2,232	349	..	..	1,728	4,021	..	..	7,602
15. Madura	441	3,849	2,367	8,653	14,316	32,626	117	351	45,920
16. Tinnevelly	1,318	13,112	171	518	19,624	83,346	483	1,599	99,801
17. Coimbatore	857	245	..	..	936	3,831	66	393	5,236
18. Salem	76	1,222	1	1	210	899	64	147	2,345
Total ..	1,25,994	58,853	5,075	19,306	57,859	2,06,482	2,247	8,313	4,28,948

(Signed) P. RAJARATNA MUDALIAR,
Secretary.

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ENCLOSURE B.

PARTICULARS of remissions entered in column 57.

Name of district	GOVERNMENT.													ZEMINDARI.		INAMS.		TOTAL OF REMISSIONS.		
	Usual wet.			Dry converted into wet and dry crops watered.		Waste brought in.		Miscellaneous.		Second crop.	Total.									
	Assessment.			Assessment.		Assessment.		Assessment.			Assessment.			Water-rate.		Water-rate.				
	Land.	Water.	Total.	Land.	Water.	Land.	Water.	Land.	Water.	Water-rate.	Land.	Water.	Total.	First crop.	Second crop.	First crop.	Second crop.	First crop.	Second crop.	Total.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14		15		16		
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
1. Ganjam ..	1,167	3,899	5,066	..	7	..	21	..	..	6	1,167	3,933	5,100	..	..	1	..	5,095	6	5,101
2. Vizagapatam ..	184	154	338	..	54	..	8	..	..	6	184	222	406	..	..	25	1	425	7	432
3. Godávarí ..	282	1,393	1,675	..	20	61	190	..	2	..	343	1,605	1,948	..	..	1	..	1,949	..	1,949
4. Kistna	1,373	7,498	8,871	10	59	550	1,878	1	6	2	1,934	8,943	10,877	..	..	..	..	10,878	2	10,877
5. Nellore	962	8,225	9,187	..	5	81	399	..	..	32	993	8,661	9,654	7	..	..	4	9,629	36	9,665
6. Cuddapah ..	2,882	27,395	30,277	4	215	8	112	4	63	2,497	2,895	30,281	33,177	..	..	35,698	1218	65,778	3,715	69,493
7. Anantapur ..	2,271	27,154	29,425	1	68	9	144	4	405	449	2,285	28,280	30,565	..	..	21	..	30,187	449	30,636
8. Bellary	1,137	4,448	5,585	13	13	..	21	..	75	40	1,150	4,597	5,747	..	..	20	..	5,736	40	5,776
9. Kurnool ..	598	5,077	5,675	1	117	42	417	..	11	211	641	5,933	6,574	..	..	18	14	6,281	325	6,606
10. Chingleput ..	1,257	12,010	13,267	39	355	73	452	2	59	1,052	1,376	13,928	15,304	..	..	5	32	14,257	1,084	15,341
11. North Arcot ..	2,588	8,491	11,079	256	916	55	165	2	31	2,317	2,906	11,948	14,856	..	..	83	43	12,592	2,390	14,982
12. South do. ..	21,878	45,569	67,447	5,056	11,275	930	2,712	213	520	5,257	28,133	65,333	93,466	..	..	462	178	88,671	5,433	94,104
13. Tanjore	849	1,948	2,797	53	130	49	103	..	..	..	951	2,181	3,132	..	..	..	..	3,132	..	3,132
14. Trichinopoly ..	1,983	3,524	5,507	438	599	212	589	19	19	410	2,652	4,932	7,584	..	..	14	4	7,188	414	7,602
15. Madura	6,798	16,602	23,400	4,974	8,766	125	219	12	60	8,114	11,909	33,751	45,660	..	..	223	37	37,769	8,151	45,920
16. Tinnevelly ..	13,150	76,674	89,824	87	1,261	212	1,329	4	36	6,949	13,453	86,249	99,702	..	..	99	..	92,852	6,949	99,801
17. Coimbatore ..	402	3,810	4,212	3	446	..	8	..	..	567	405	4,831	5,236	..	..	..	..	4,569	667	5,236
18. Salem	87	1,304	1,391	4	489	..	12	..	3	406	91	2,214	2,305	6	..	34	..	1,939	406	2,345
Total ..	59,843	2,56,175	3,15,023	10,939	24,785	2,416	8,068	268	1,349	28,445	73,471	3,17,822	3,91,293	13	..	36,113	1,529	3,98,974	29,974	4,28,948

(Signed) P. RAJARATNA MUDALIAR,
Secretary.

STATEMENT of lands irrigated under Class IV works in the Madras Presidency for fasli 1296 (1886-87).

Name of district.	Irrigable area of Government, Zemindari and Inams.	GOVERNMENT.															
		Usual wet.				Dry converted into wet.			Dry crops watered.			Waste brought in.			Miscellaneous.		
		Extent.	Assessment.			Extent.	Assessment.		Extent.	Assessment.		Extent.	Assessment.		Extent.	Assessment.	
			Land.	Water.	Total.		Land.	Water.		Land.	Water.		Land.	Water.		Land.	Water.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
	ACS.	ACS.	RS.	RS.	RS.	ACS.	RS.	RS.	ACS.	RS.	RS.	ACS.	RS.	RS.	ACS.	RS.	RS.
1. Ganjam	107,418	84,950	1,44,563	1,65,058	3,09,621	172	6	461	351	87	1,097	139	167	195	306	434	757
2. Vizagapatam	16,954	8,103	10,684	28,356	39,040	101	118	391	121	208	432	283	414	1,014	85	56	142
3. Godávari	53,007	31,662	48,988	76,399	1,25,387	487	256	1,573	89	55	158	616	1,173	1,826	61	80	176
4. Kistna	23,547	9,052	15,756	25,835	41,591	775	1,346	2,251	13	22	26	1,284	2,912	5,029	465	673	1,555
5. Nellore	113,604	77,314	89,545	3,09,189	3,98,734	1,181	1,151	3,925	3,616	3,721	10,870	4,162	4,163	14,611	1,076	639	4,920
6. Cuddapah	62,574	31,918	39,487	1,69,700	2,09,187	1,311	1,543	4,464	1,095	1,090	2,171	365	309	1,704	890	654	4,946
7. Anantapur	56,368	34,373	18,327	1,52,572	1,70,899	2,181	844	7,323	703	316	1,291	443	205	1,959	786	376	3,093
8. Bellary	36,879	21,470	16,163	1,28,688	1,44,851	1,182	631	4,345	416	205	1,142	455	351	1,867	246	205	1,189
9. Kurnool	24,273	9,907	15,786	44,393	60,179	1,778	1,829	5,779	351	350	591	79	79	201	44	43	182
10. Chingleput	217,988	180,795	2,15,375	4,41,685	6,57,060	1,090	1,152	3,314	951	1,037	2,541	6,914	5,390	14,030	1,537	1,337	3,943
11. North Arcot	58,835	45,368	68,521	1,56,532	2,25,053	1,667	2,181	5,432	2,424	2,450	7,455	629	663	1,845	352	428	2,054
12. South do.	78,187	51,235	88,475	1,89,311	2,77,786	7,116	12,371	27,030	2,904	6,211	4,835	2,027	3,291	7,392	761	1,281	2,323
13. Tanjore	20,834	19,014	12,049	26,896	38,945	943	1,064	1,653	112	188	158	2,927	3,294	3,620	60	88	131
14. Trichinopoly	81,534	55,250	80,262	1,86,115	2,66,377	4,342	4,759	10,393	6,724	5,487	16,821	4,509	5,037	12,625	570	1,360	1,799
15. Madura	50,769	61,292	67,703	2,14,731	2,82,434	6,611	5,965	17,826	737	536	1,937	443	550	1,120	69	94	230
16. Tinnevelly	94,647	56,968	59,447	2,91,124	3,50,571	179	92	467	917	608	4,104	622	459	3,541	95	73	898
17. Coimbatore	30,673	25,318	29,914	1,15,317	1,45,231	474	592	3,747	330	346	735	56	90	314	75	53	471
18. Salem	21,298	22,765	40,498	72,985	1,13,483	767	1,127	2,844	203	378	493	294	448	575	64	142	226
Total ..	1,153,289	821,263	10,61,545	27,94,886	38,56,429	32,204	39,068	1,01,110	22,078	24,639	56,867	27,318	28,943	72,483	7,512	8,035	28,550

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Statement of lands irrigated under Class IV works in the Madras Presidency for fasli 1296 (1886-87)—*cont.*

Name of district.	GOVERNMENT—cont.						ZEMINDARI.										
	Total.			Second crop.		Total assessment, land and water.	Irrigated free of charge.		Irrigated and charged.						Total.		
	Extent.	Assessment.		Extent.	Water-rate.		Extent.		Dry converted into wet.		Dry crops watered.		Second crop.		Extent.		Water-rate.
		Land.	Water.				First crop.	Second crop.	First crop.		First crop.		Extent.	Water-rate.	First crop.	Second crop.	
									Extent.	Water-rate.	Extent.	Water-rate.					
	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
	ACS.	RS.	RS.	ACS.	RS.	RS.	ACS.	ACS.	ACS.	RS.	ACS.	RS.	ACS.	RS.	ACS.	ACS.	RS.
1. Ganjam	85,948	1,45,271	1,67,563	1,762	2,616	3,15,450	..	..	..	..	..	..	..	..	..	..	..
2. Vizagapatam ..	8,553	11,480	30,335	1,264	3,753	45,568	2,149	179	..	..	..	..	..	..	2,149	179	..
3. Godávari	32,794	50,649	80,126	2,438	1,986	1,32,761	457	103	..	..	..	..	..	..	457	103	..
4. Kistna	12,289	20,608	35,006	12	34	55,648	..	..	..	..	..	..	..	..	..	..	..
5. Nellore	87,349	99,219	3,43,515	8,916	17,984	4,60,718	..	..	5	21	..	..	3	7	5	3	28
6. Cuddapah	35,679	42,983	1,82,985	19,273	49,727	2,75,695	..	..	..	..	..	..	..	..	..	..	..
7. Anantapur	38,437	20,065	1,66,061	12,746	32,632	2,18,658	..	..	..	..	..	..	..	..	..	..	..
8. Bellary	23,719	17,545	1,37,221	7,428	30,452	1,85,218	..	..	..	..	..	..	..	..	..	..	..
9. Kurnool	11,851	18,079	51,236	5,618	13,503	82,818	..	..	..	..	..	..	..	..	..	..	..
10. Chingleput	191,197	2,24,349	4,65,513	36,071	76,329	7,66,191	1,106	29	..	..	..	..	24	101	1,106	53	101
11. North Arcot ..	50,380	75,152	1,73,518	20,997	48,534	2,97,204	160	..	..	..	..	..	..	..	160	..	..
12. South do.	64,037	1,11,539	2,30,881	8,559	24,108	3,66,528	..	..	..	..	..	..	..	..	..	..	..
13. Tanjore	14,077	16,591	32,458	1,862	3,652	52,701	..	..	..	..	..	..	..	..	..	..	..
14. Trichinopoly ..	75,795	96,905	2,26,983	31,616	56,811	3,80,699	..	..	11	37	..	..	1	2	11	1	39
15. Madura	69,154	78,038	2,35,854	33,213	69,896	3,83,838	..	..	3	13	..	..	3	7	3	3	20
16. Tinnevelly	58,718	60,679	2,93,844	31,322	71,421	4,30,944	..	..	..	..	..	..	..	..	..	..	..
17. Coimbatore	26,283	30,908	1,18,584	16,042	31,867	1,81,359	..	..	..	..	..	..	..	..	..	..	..
18. Salem	24,113	42,603	77,413	22,742	27,135	1,47,151	..	..	5	22	..	..	1	1	5	1	23
Total ..	910,372	11,62,819	30,63,896	257,860	5,62,434	47,79,149	3,872	311	24	93	..	..	32	118	3,896	343	211

Statement of lands irrigated under Class IV works in the Madras Presidency for fasli 1296 (1886-87)—*cont.*

Name of district.	INAMS.															TOTAL GOVERNMENT, ZEMINDARI AND INAMS.		
	Irrigated free of charge.				Irrigated and charged.								Total.			First crop.		
	Extent.		Quit-rent.		Dry converted into wet. First crop.			Dry crops watered. First crop.			Second crop.		Extent.		Quit-rent and water-rate.	Extent.		
	First crop.	Second crop.	Land at assessment.	Water at irrigation.	Extent.	Quit-rent.	Water-rate.	Extent.	Quit-rent.	Water-rate.	Extent.	Water-rate.	First crop.	Second crop.		Actually irrigated or charged as such.	Waste remitted.	Total.
	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50		
	ACS.	ACS.	RS.	RS.	ACS.	RS.	RS.	ACS.	RS.	RS.	ACS.	RS.	ACS.	ACS.	RS.	ACS.	ACS.	ACS.
1. Ganjam	21,143	2	4,981	9,896	123	26	187	111	12	551	52	101	21,287	54	15,532	105,186	2,147	107,333
2. Vizagapatam ..	5,992	623	1,745	3,479	45	41	188	96	74	347	36	46	6,734	659	5,992	16,232	304	16,536
3. Godávari	15,785	817	3,432	6,175	58	40	260	59	23	399	602	1,161	15,511	1,419	12,242	48,075	687	48,762
4. Kistna	1,453	..	151	363	102	22	140	5	2	7	..	..	1,619	..	1,036	12,976	931	13,907
5. Nellore	14,501	387	4,659	9,422	38	31	170	346	206	1,110	1,198	2,826	14,795	1,393	23,411	97,651	4,406	102,057
6. Cuddapah ..	22,594	3,164	12,150	27,953	446	217	1,848	661	258	1,453	7,798	23,111	23,816	10,902	67,183	58,704	690	59,394
7. Anantapur ..	12,719	2,039	4,021	8,329	818	86	1,534	192	7	203	1,214	2,881	13,385	4,257	18,019	47,879	3,947	51,826
8. Bellary	8,093	3,514	6,228	14,946	492	143	1,602	171	15	2,540	394	1,127	9,356	3,798	26,949	21,553	2,125	23,678
9. Kurnool	7,043	1,038	3,292	7,609	2,844	277	4,051	244	70	945	941	2,721	9,532	1,974	19,558	21,025	357	21,382
10. Chingleput ..	22,745	1,783	2,251	4,532	183	122	429	174	172	3,336	8,183	6,083	23,049	4,949	16,457	210,084	5,269	215,345
11. North Arcot ..	[illegible]	3,441	1,137	3,960	87	11	293	253	18	755	807	1,868	6,414	4,248	7,091	56,892	62	56,954
12. South do. ..	4,127	63	303	728	211	86	794	70	7	115	368	1,188	4,499	431	3,204	66,782	1,664	68,446
13. Tanjore	4,584	5	277	1,771	86	13	192	16	9	28	55	25	4,376	69	2,226	18,441	12	18,453
14. Trichinopoly ..	3,841	361	364	2,791	432	143	620	737	62	2,757	1,079	2,744	5,126	1,690	9,583	90,472	454	90,926
15. Madura	7,063	1,232	815	1,502	700	41	3,107	49	..	144	965	2,014	7,851	2,898	7,502	73,929	3,671	77,619
16. Tinnevelly ..	4,234	3,407	2,543	11,476	7	12	74	14	7	68	524	1,151	5,345	3,931	16,574	49,129	14,934	64,063
17. Coimbatore ..	4,737	2,079	617	2,950	11	..	45	42	..	102	116	112	4,886	2,195	2,972	28,511	2,358	30,869
18. Salem	1,167	1,367	704	1,785	61	20	348	34	19	97	56	43	1,665	1,422	2,865	25,384	399	25,783
Total ..	178,110	26,497	51,070	1,39,934	5,133	1,282	15,736	3,187	974	14,920	19,345	49,723	177,655	46,142	2,32,365	1,047,496	44,498	1,091,924

Statement of lands irrigated under Class IV works in the Madras Presidency for fasli 1296 (1886-87)—*cont.*

Name of district.	TOTAL GOVERNMENT, ZEMINDARI AND INAMS—*cont.*												
	First crop—*cont.*		Second crop.			Water-rate.	Total assessment and water-rate.	Share due to irrigation, *i.e.*, sum of columns 52 and 54.	Deductions as per enclosure A.		Difference between columns 56 and 57, *i.e.*, net revenue due to irrigation.		
	Assessment.		Extent.										
	Land.	Water.	Actually irrigated or charged as such.	Waste remitted.	Total.				First crop.	Second crop.	First crop.	Second crop.	Total.
	51	52	53			54	55	56	57		58		
	RS.	RS.	ACS.	ACS.	ACS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
1. Ganjam	1,50,274	1,77,997	1,816	..	1,816	2,711	3,30,982	1,80,708	10,042	23	1,67,955	2,688	1,70,643
2. Vizagapatam	13,344	34,317	2,102	..	2,102	3,799	51,460	38,116	1,195	11	33,122	3,788	36,910
3. Godávari	54,150	87,706	3,960	..	3,960	3,147	1,45,003	90,853	1,790	..	85,916	3,147	89,063
4. Kistna	29,786	35,864	12	..	12	34	56,684	35,898	4,116	..	31,748	34	31,782
5. Nellore	1,04,069	3,54,271	8,113	199	8,312	20,817	4,79,157	3,75,088	22,437	526	3,31,834	20,291	3,52,125
6. Cuddapah	55,703	2,14,337	30,335	..	30,335	72,838	3,42,878	2,87,175	4,673	84	2,09,664	72,754	2,82,418
7. Anantapur	24,179	1,77,076	16,433	65	16,498	35,413	2,36,668	2,12,489	22,843	218	1,54,233	35,195	1,89,428
8. Bellary	23,931	1,55,647	11,092	44	11,136	31,589	2,11,167	1,87,236	10,332	142	1,45,315	31,447	1,76,762
9. Kurnool	21,718	64,424	5,592	..	5,592	16,234	1,02,376	80,658	2,845	18	61,579	16,216	77,795
10. Chingleput	2,26,834	4,72,902	40,705	365	41,070	83,013	7,82,749	5,55,915	20,374	1,768	4,52,528	81,245	5,33,773
11. North Arcot	76,418	1,77,375	25,234	11	25,245	50,502	3,04,295	2,27,877	3,147	642	1,74,228	49,860	2,24,088
12. South do.	1,11,925	2,32,511	8,783	7	8,790	25,296	3,69,732	2,57,807	30,760	1,662	2,01,751	23,634	2,25,385
13. Tanjore	17,290	33,960	1,922	..	1,922	3,677	54,927	37,637	39	..	33,921	3,677	37,598
14. Trichinopoly	98,071	2,33,208	33,106	..	33,106	59,057	3,90,336	2,92,265	8,711	1,258	2,24,497	57,799	2,82,296
15. Madura	78,939	2,40,004	29,007	7,207	36,214	72,417	3,91,360	3,12,421	19,771	16,340	2,20,233	56,077	2,76,310
16. Tinnevelly	64,541	3,10,407	33,565	1,688	35,253	72,572	4,47,520	3,82,979	86,995	3,640	2,23,412	68,932	2,92,344
17. Coimbatore	31,525	1,20,827	16,667	1,570	18,237	31,979	1,84,331	1,52,806	9,309	1,959	1,11,518	30,020	1,41,538
18. Salem	43,346	79,515	24,173	92	24,265	27,179	1,50,040	1,06,694	2,089	604	77,426	26,575	1,04,001
Total ..	12,17,043	32,02,348	292,617	11,248	303,865	6,12,274	50,31,665	38,14,622	2,61,468	28,895	29,40,880	5,83,379	35,24,259

(Signed) P. RAJARATNA MUDALIAR,
Secretary.

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ENCLOSURE A.

MEMORANDUM showing causes of deductions in column 57.

Name of district.	Fixed.	Temporary.	OCCASIONAL, i.e., REMISSIONS PROPER AND REFUNDS.						TOTAL DEDUCTIONS.
			Excess of water.		Defect of water.		Other causes.		
			Area.	Assessment, land and water.	Area.	Assessment, land and water.	Area.	Amount.	Amount.
	1	2	3		4		5		6
	RS.	RS.	RS.	RS.	ACS.	RS.	ACS.	RS.	RS.
1. Ganjam	857	4,243	1,333	3,208	619	1,739	5	18	10,065
2. Vizagapatam	..	67	25	74	..	..	279	1,065	1,206
3. Godávari	155	7	210	556	474	1,067	3	5	1,790
4. Kistna	32	137	62	265	842	3,586	27	96	4,116
5. Nellore	..	*2,678	251	789	3,810	16,708	844	2,788	22,963
6. Cuddapah	393	813	..	..	880	2,676	110	875	4,757
7. Anantapur	131	544	..	..	3,939	22,076	82	310	23,061
8. Bellary	193	119	..	..	2,161	10,120	6	42	10,474
9. Kurnool	520	48	..	..	857	2,295	..	..	2,863
10. Chingleput	43	6,436	306	718	4,836	13,712	483	1,233	22,142
11. North Arcot	2,843	435	..	..	54	433	19	78	3,789
12. South do.	24,159	294	13	71	1,502	7,339	156	439	32,422
13. Tanjore	..	..	..	..	12	39	..	..	39
14. Trichinopoly	7,753	282	..	..	433	1,631	71	223	9,969
15. Madura	393	2,248	14	39	10,863	33,428	1	3	36,111
16. Tinnevelly	1,958	1,454	..	1	16,178	85,770	449	1,452	90,635
17. Coimbatore	51	644	..	..	3,928	10,672	..	1	11,368
18. Salem	6	783	..	..	375	1,439	116	465	2,693
Total ..	39,087	21,393	2,204	5,719	51,149	2,14,650	2,352	8,915	2,90,363

(Signed) P. RAJARATNA MUDALIAR,
Secretary.

ENCLOSURE B.

PARTICULARS of remissions entered in column 57.

Name of district.	GOVERNMENT.													ZEMINDARI.		INAMS.		TOTAL OF REMISSIONS.		
	Usual wet.			Dry converted into wet and dry crops watered.		Waste brought in.		Miscellaneous.		Second crop.	Total.									
	Assessment.			Assessment.		Assessment.		Assessment.			Assessment.			Water-rate.		Water-rate.				
	Land.	Water.	Total.	Land.	Water.	Land.	Water.	Land.	Water.	Water-rate.	Land.	Water.	Total.	First crop.	Second crop.	First crop.	Second crop.	First crop.	Second crop.	Total.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14		15		16		
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
1. Ganjam	2,933	7,019	9,952	..	29	..	11	..	..	23	2,933	7,082	10,015	..	..	50	..	10,042	23	10,065
2. Vizagapatam	237	504	741	..	14	..	415	..	..	5	237	938	1,175	..	..	25	6	1,195	11	1,206
3. Godávari	76	1,641	1,717	..	6	8	58	..	..	..	84	1,705	1,789	..	..	1	..	1,790	..	1,790
4. Kistna	1,145	2,052	3,197	22	33	276	576	..	..	..	1,443	2,661	4,104	..	..	12	..	4,116	..	4,116
5. Nellore	3,250	16,224	19,474	..	69	644	2,168	7	60	524	3,905	19,045	22,950	..	..	11	2	22,437	526	22,963
6. Cuddapah	504	3,763	4,267	..	..	2	21	..	4	47	506	3,835	4,341	..	..	379	37	4,673	84	4,757
7. Anantapur	1,742	20,371	22,113	..	26	5	44	..	635	210	1,747	21,286	23,033	..	..	20	8	22,843	218	23,061
8. Bellary	1,647	8,485	10,132	..	..	..	234	..	2	142	1,547	8,863	10,410	..	..	64	..	10,332	142	10,474
9. Kurnool	441	2,279	2,720	..	..	15	110	..	..	18	456	2,407	2,863	..	..	..	..	2,845	18	2,863
10. Chingleput	4,569	14,041	18,610	154	165	391	1,003	5	29	1,717	5,122	16,955	22,077	..	..	14	51	20,374	1,768	22,142
11. North Arcot	795	2,154	2,949	18	130	7	20	3	16	631	823	2,951	3,774	..	..	4	11	3,147	642	3,789
12. South do.	8,191	17,458	25,649	1,249	2,414	304	738	85	170	1,593	9,829	22,373	32,202	..	..	151	69	30,760	1,662	32,422
13. Tanjore	10	24	34	..	..	1	4	..	..	..	11	28	39	..	..	..	..	39	..	39
14. Trichinopoly	2,182	5,144	7,326	219	570	168	389	10	10	1,250	2,579	7,363	9,942	..	..	19	8	8,711	1,258	9,969
15. Madura	2,489	13,447	15,936	1,119	2,282	47	107	4	7	16,317	3,659	32,160	35,819	..	..	269	23	19,771	16,340	36,111
16. Tinnevelly	15,420	70,555	85,975	2	68	144	711	..	3	3,640	15,566	74,977	90,543	..	..	92	..	86,995	3,640	90,635
17. Coimbatore	555	8,554	9,109	..	172	..	16	..	..	1,959	555	10,701	11,256	..	..	12	..	9,309	1,959	11,268
18. Salem	59	1,953	2,012	..	50	3	19	..	..	604	62	2,626	2,688	..	..	5	..	2,089	604	2,693
Total ..	46,145	1,95,668	2,41,813	2,787	6,028	2,018	6,644	114	936	28,680	51,064	2,37,956	2,89,020	..	..	1,128	215	2,61,468	28,895	2,90,363

(Signed) P. RAJARATNA MUDALIAR,
Secretary.

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Proceedings of the Board of Revenue (Settlement, Land Records and Agriculture), dated 15th November 1887, No. 449, Press.

J. Grose, Esq., m.a., C.S., Commissioner.

Read—again Proceedings of the Board of Revenue (Settlement, Land Records and Agriculture), dated 9th September 1887, Mis. No. 2239.

Abstract.—Forwarding to the Chief Engineer for Irrigation Irrigation Revenue accounts for works for which Capital and Revenue accounts are kept for fasli 1296.

Read—again also Proceedings of the Board of Revenue (Settlement, Land Records and Agriculture), dated 4th October and 2nd November 1887, Mis. Nos. 2476 and 2780.

Abstract.—Forwarding to the Chief Engineer for Irrigation Irrigation Revenue accounts for fasli 1296 for works for which continuous record is kept and those for class IV works.

Read—also letter No. 242 M., dated 5th November 1887, from the Chief Engineer for Irrigation.

Abstract.—Requesting that the statement showing the outturn of crops grown during 1886-87 and the final report on the Irrigation Revenue accounts of all classes of works may be sent so as to reach his office on or before the 10th November 1887 for insertion in the Irrigation Administration Report.

Resolution—dated 15th November 1887, No. 449, Press.

The detailed accounts of Irrigation under all classes of works in the Presidency for 1886-87 have already been submitted to Government, Public Works Department, in the Proceedings read above. It now only remains for the Board briefly to review the general results for the year.

2. In the statement appended, the total area occupied and irrigated, and the revenue derived under all classes of works are compared with the corresponding figures for the preceding year. In the case of works falling in classes I and II, the particulars are exhibited in detail for each main division comprised in the system. For classes III and IV works the details are given by districts. Owing to the favorable character of the season, there was an increase both in the occupied area and in the area effectively irrigated and a consequent increase also in the revenue.

3. The subjoined abstract shows the area occupied under each class of works:—

Items.	Class I works.		Class II works.		Class III works.		Class IV works.		Total.	
	Area.	Per-cent.	Area.	Per-cent.	Area.	Per-cent.	Area.	Per-cent.	Area.	Per-cent.
1	2	3	4	5	6	7	8	9	10	11
Government—	ACS.		ACS.		ACS.		ACS.		ACS.	
1. Usual wet	745,373	27·3	48,113	1·7	187,328	6·9	1,753,636	64·1	2,735,450	56·3
2. Dry converted into wet	366,567	65·7	9,346	1·7	59,271	10·6	122,738	22·0	557,922	11·5
3. Dry crops watered ..	34,802	28·2	3,023	2·5	13,948	11·3	71,601	58·0	123,461	2·5
4. Waste brought in ..	256,043	68·3	13,952	3·7	47,252	12·6	57,839	15·4	375,086	7·7
5. Miscellaneous ..	10,075	33·7	396	1·3	2,333	7·8	17,121	57·2	29,926	·6
Total ..	1,413,861	37·0	74,830	2·0	310,129	8·1	2,023,025	52·9	3,821,845	78·6
Zemindari lands—										
Irrigated free of charge.	68,372	84·9	143	0·2	3,891	4·8	8,144	10·1	80,550	1·6
Do. and charged.	71,100	99·7	..	..	..	..	235	·3	71,335	1·5
Total ..	139,472	91·8	143	0·1	3,891	2·6	8,379	5·5	151,885	3·1
Inam lands—										
Irrigated free of charge.	231,841	34·9	14,651	2·2	39,233	5·9	378,076	57·0	663,801	13·7
Do. and charged.	194,345	87·3	627	0·3	3,738	1·7	23,996	10·7	222,706	4·6
Total ..	426,186	48·1	15,278	1·7	42,971	4·8	402,072	45·4	886,507	18·3
Grand Total ..	1,979,519	40·7	90,251	1·9	356,991	7·3	2,433,478	50·1	4,860,237	100
Second crop—										
Irrigated free of charge.	7,287	8·1	3,826	4·2	9,059	9·9	70,743	77·8	90,915	9·0
Do. and charged.	149,560	16·3	29,134	3·2	112,882	12·3	624,372	68·2	915,948	91·0
Total ..	156,847	15·5	32,960	3·2	121,941	12·1	695,115	69·2	1,006,863	100

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4. Of the area occupied for first crop, viz., over 4½ millions of acres, 78·6 per cent. was Government land, 3·1 per cent. zemindari and 18·3 per cent. inam. The extent under zemindari and inam entitled to irrigation free of charge amounted to 15·3 per cent. of the total occupation. The area occupied for second crop was 20·7 per cent. of the total area occupied for first crop. The extent of the free area under second crop was 90·900 acres or 9 per cent. of the total second-crop area. Half the area occupied for first crop was under class IV works, 40·7 per cent. was under class I, less than 2 per cent. under class II and the rest (7·3 per cent.) under class III. The area of occupation under first and second crop was in excess of the preceding year by 2·0 and 3·4 per cent. respectively.

5. The area effectively irrigated and the revenue derived under each class of works were as shown below:—

Item.	Area irrigated.							
	1885-86.				1886-87.			
	First crop.		Second crop.		First crop.		Second crop.	
	Extent.	Percentage.	Extent.	Percentage.	Extent.	Percentage.	Extent.	Percentage.
1	2	3	4	5	6	7	8	9
	ACS.		ACS.		ACS.		ACS.	
Class I work	1,920,224	41·8	155,198	16·1	1,937,934	41·1	155,326	15·8
Do. II do.	88,293	1·9	29,981	3·1	89,571	1·9	32,910	3·3
Do. III do.	340,926	7·4	118,471	12·3	355,674	7·5	121,848	12·4
Do. IV do.	2,249,180	48·9	661,227	68·5	2,332,554	49·5	675,150	68·5
Total ..	4,598,629	100	964,877	100	4,715,733	100	985,234	100

Item.	Revenue derived.							
	1885-86.		1886-87.		1885-86.		1886-87.	
	Land revenue.	Percentage.	Land revenue.	Percentage.	Irrigation revenue.	Percentage.	Irrigation revenue.	Percentage.
	10	11	12	13	14	15	16	17
	RS.		RS.		RS.		RS.	
Class I work	24,77,719	43·0	25,36,450	43·3	64,33,762	41·9	65,25,800	41·1
Do. II do.	1,01,079	1·7	1,02,905	1·8	3,04,170	2·0	3,17,407	2·0
Do. III do.	5,52,680	9·6	5,64,285	9·6	16,84,097	10·9	17,62,745	11·1
Do. IV do.	26,30,827	45·7	26,52,813	45·3	69,43,328	45·2	72,54,262	45·8
Total ..	57,62,305	100	58,56,453	100	1,53,66,267	100	1,58,61,364	100

6. The total area effectively irrigated for first crop during the year was 4,715,700 acres or 97·4 per cent. of the occupied area. Of this extent, acres 985,200 or 20·9 per cent. were irrigated for a second crop also. The total land revenue assessed on irrigated lands was over Rs. 58½ lakhs and the gross irrigation revenue Rs. 169 lakhs. The net revenue under the latter head was over Rs. 158½ lakhs against Rs. 153⅔ lakhs in the preceding year.

7. The total remissions granted in the year were Rs. 10,39,200 or Rs. 85 only more than in 1885-86. They amounted to 4·6 per cent. of the total assessment on the irrigated lands and to 6·1 per cent. of the revenue due to irrigation. The percentage of remissions to the irrigation revenue under each class of works is given below in comparison with the previous year:—

Class of works.	1877-78, fasli 1287.	1878-79, fasli 1288.	1879-80, fasli 1289.	1880-81, fasli 1290.	1881-82, fasli 1291.	1882-83, fasli 1292.	1883-84, fasli 1293.	1884-85, fasli 1294.	1885-86, fasli 1295.	1886-87, fasli 1296.
Class I	3·5	4·4	2·9	4·9	2·1	6·6	3·7	10·7	2·0	4·0
" II	11·0	6·5	4·8	4·0	7·9	1·5	1·0	4·0	1·9	1·3
" III	6·9	3·7	4·6	4·9	4·5	4·5	4·5	17·0	4·6	2·4
" IV, Imperial ..	..	..	..	..	..	11·0	3·3	12·7	8·9	7·6
" Minor ..						15·0	16·1	15·0	12·2	10·2
Total of class IV ..						15·6	2·5	14·5	10·6	9·9

8. The remissions show an increase under Class I, Protective Public Works, and a decrease under all other heads. The increase occurred under the Godávari, Kistna and Srívaikuntham anicuts, and was due, in the case of the first two systems to damages caused by heavy floods. Under the Srívaikuntham anicut, it was due to the failure of the rains.

9. The following statement distinguishes the revenue derived from works in classes I and II under the two heads "old" and "new" irrigation, *i.e.*, revenue due to old works and to improvement since carried out :—

Systems.	Revenue due to				Percentage of direct receipts under new irrigation to total irrigation revenue, *i.e.*, column 3 ÷ column 5.
	Old irrigation.	New irrigation.			
		Direct receipts.	Indirect receipts.	Total.	
1	2	3	4	5	6
Class I Works.	RS.	RS.	RS.	RS.	
Godávari anicut	1,22,787	17,14,151	1,61,065	18,75,116	93·3
Kistna do.	72,734	10,56,979	1,49,218	11,96,497	93·5
Cauvery do.	23,62,290	5,90,736	1,38,983	7,29,719	19·9
Pennér do.	1,17,491	1,18,139	15,331	1,33,470	50·1
Srívaikuntham anicut	79,479	1,09,213	2,237	1,11,450	57·9
Sangam do.	1,24,694	56,817	4,492	61,309	31·3
Total ..	28,90,565	38,45,225	4,62,272	41,07,697	55·8
Class II Works.					
Pálár anicut	1,17,157	1,14,217	14,361	1,28,578	49·3
Chembrambakam tank	16,723	40,436	721	41,157	71·4
Madras Water-supply and Irrigation Extension project.	10,666	9,714	418	10,132	47·7
Polandorai anicut	3,196	5,808	267	6,075	64·5
Total ..	1,47,232	1,70,175	15,767	1,85,942	53·6
Grand Total ..	30,37,797	38,15,500	4,78,039	42,93,539	55·9

10. In the case of the Godávari and Kistna anicuts the direct revenue due to new irrigation was about 93½ per cent. of the total irrigation revenue under these works. Under the Cauvery anicut, it was only about 20 per cent.

11. The following statement shows the financial position of each work under classes I and II up to the end of 1886-87.

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System.	Capital outlay.		Revenue receipt.		Working expenses.		Balance of revenue.	Interest charge.		Balance.	Percentage of surplus revenue on capital expenditure.
	In this year.	Up to the end of the year.	In this year.	Up to the end of the year.	In this year.	Up to the end of the year.		In this year.	Up to the end of the year.		
1	2	3	4	5	6	7	8	9	10	11	12
Class I, Protective Public Works.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	
1. Godávari anicut	1,63,382	1,23,30,479	18,87,405	3,91,83,035	5,16,954	1,03,55,659	2,88,27,376	4,15,826	86,99,257	2,01,28,119	163·24
2. Kistna do.	3,65,268	79,21,264	11,74,582	1,93,26,317	3,40,398	58,33,887	1,34,92,430	2,88,907	52,72,901	82,19,529	103·76
3. Cauvery do.	1,16,575	17,75,829	7,01,726	1,60,70,526	4,967	—99,072	1,61,69,598	63,943	12,05,393	1,49,64,205	842·66
4. Pennér do.	61,596	17,42,885	1,27,179	19,53,541	12,198	2,17,144	17,36,397	58,972	11,78,970	5,57,427	31·98
5. Srivaikuntham anicut	17,321	14,29,508	1,07,878	10,14,697	17,961	3,24,542	6,90,155	52,846	7,60,488	—70,333	..
6. Sangam do.	3,73,257	23,55,351	58,248	94,280	26,798	31,871	62,409	1,03,531	3,25,961	—2,63,552	..
Total ..	10,97,399	2,85,55,316	40,57,018	7,76,42,396	9,19,276	1,66,64,031	6,09,78,365	9,84,025	1,74,42,880	4,35,35,485	152·46
Class II, Agricultural Works.											
1. Pálár anicut	47,981	17,88,379	1,22,770	18,02,312	43,892	9,14,988	8,87,324	..	..	8,87,324	49·61
2. Polandorai anicut	14,970	4,31,869	5,793	51,017	14,336	3,14,155	—2,63,138	..	..	—2,63,138	..
3. Chembrambakam tank	..	7,36,589	39,205	4,43,080	3,310	66,364	3,76,716	..	..	3,76,716	51·14
4. Madras Water-supply and Irrigation Extension project	..	17,54,045	22,491	2,03,233	42,292	4,10,353	—2,07,120	..	..	—2,07,120	..
Total ..	62,951	47,10,882	1,90,259	24,99,642	1,03,830	17,05,860	7,93,782	..	..	7,93,782	16·85
Grand Total ..	11,60,350	3,32,66,198	42,47,277	8,01,42,038	10,23,106	1,83,69,891	6,17,72,147	9,84,025	1,74,42,880	4,43,29,267	133·25

12. Compared with the results up to the end of the preceding year, there was at the close of the year under review, a decrease of 11·4 per cent. in the surplus revenue under the Cauvery delta* which is attributable to the large capital expenditure of Rs. 1,16,575 incurred during the year.

* 1885-86	854·1
1886-87	842·7
Difference ...	11·4

13. In the previous year's accounts, all works irrigating over 200 acres were arbitrarily classed as "Imperial," and accounts rendered accordingly. In the year under review, the classification was made with reference to the list of imperial works communicated with G.O., No. 477, dated 4th May 1887. No comparison can therefore be instituted between the accounts of last year and this year.

14. The subjoined statement exhibits particulars of the total area irrigated by lift and flow and the quantity and value of crops raised thereon during 1886-87:—

3574/45

STATEMENT showing the area irrigated and the quantity and value of crops raised thereon during 1886-87.

Name of system.	AREA IRRIGATED.						AREA CULTIVATED WITH DIFFERENT CROPS.								Other crops for which no value can be determined at present.
	First crop.		Second crop.		Total.	Both seasons.	Paddy.				Ragi.				
	Flow.	Lift.	Flow.	Lift.			Extent.	Total outturn in tons.	Total value.	Value of average outturn per acre.	Extent.	Total outturn in tons.	Total value.	Value of average outturn per acre.	
	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	TONS.	RS.	RS.	ACS.	TONS.	RS.	RS.	ACS.
Godávari anicut	670,701	7,967	32,930	1,720	613,318	7,780	548,870	329,069	1,31,55,674	23·9	904	332	10,491	11·6	63,544
Kistna anicut	335,748	5,360	19	69	342,196	1,043	327,172	181,845	74,52,410	22·7	2,018	403	10,778	5·3	13,006
Cauvery anicut	799,027	57,887	91,312	5,531	953,757	12,052	876,989	498,087	1,76,39,766	20·1	20,885	4,800	1,28,882	6·2	56,883
Pennér do.	58,403	734	1,320	26	60,482	65	58,235	31,822	12,57,366	21·6	781	213	5,774	7·4	1,466
Sangam do.	43,928	1,180	628	..	45,723	197	43,005	21,234	8,52,388	19·8	442	96	2,602	5·9	2,289
Srivaikuntham anicut	19,197	672	17,120	467	37,656	410	34,453	8,999	4,07,634	11·8	119	20	594	4·9	3,074
Chembarambakam tank	12,211	126	6,443	23	18,813	377	17,114	5,670	2,02,378	11·8	78	9	249	3·2	1,621
Pálár anicut	61,493	920	23,396	188	85,947	634	79,528	33,861	13,99,721	17·6	3,026	403	10,884	3·6	3,393
Madras water-supply and irrigation project	6,281	332	2,289	45	8,947	..	8,278	3,672	1,05,899	12·8	128	15	420	3·3	541
Polandorai anicut	3,250	28	96	1	3,375	..	2,990	1,083	38,645	12·9	105	12	310	2·9	280
Total ..	1,911,239	75,416	17,553	8,019	2,170,227	22,437	1,996,644	1,119,443	4,25,09,881	21·4	28,486	6,353	1,70,984	6·0	145,097

NOTE.—The total area shown as "irrigated" in this statement is less by No. 45,514 than that given in the Irrigation Revenue Accounts already submitted. The difference is due to the exclusion from this statement of the area of waste charged.

15. The quantity and value of crops shown in the above statement cannot be compared with the last year's accounts, as the system of notation of crops has since been changed in G.O., No. 799, dated 11th September 1886. The area irrigated under the Kurnool-Cuddapah canal and the quantity and value of crops raised thereon are not included in the foregoing statement, the information called for from the Collector of Kurnool not having been as yet received. The particulars will be reported on receipt of the Collector's reply.

(True Extract.)

(Signed) P. RAJARATNA MUDALIAR,
Secretary.

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

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

3574/46

COMPARATIVE STATEMENT of the total area occupied and irrigated and the revenue derived from all classes of works for 1885-86 and 1886-87.

Item.		AREA OCCUPIED.		AREA EFFECTIVELY IRRIGATED.		Revenue dependent.	Share due to irrigation.	Deduct remissions.	Net revenue due to irrigation.
		First crop.	Second crop	First crop.	Second crop.				
Class I Works.		ACS.	ACS.	ACS.	ACS.	RS.	RS.	RS.	RS.
Godávari anicut ..	1885-86	561,646	32,504	555,908	32,473	25,80,518	18,52,396	54,078	17,98,318
	1886-87	583,376	35,227	563,621	34,615	27,21,678	19,68,322	1,31,384	18,36,938
Difference ..		+ 21,730	+ 2,723	+ 7,713	+ 2,142	+ 1,41,160	+ 1,15,926	+ 77,306	+ 38,620
Kistna anicut ..	1885-86	332,682	54	330,159	54	15,31,223	11,32,540	29,123	11,03,417
	1886-87	352,627	90	337,329	90	16,56,433	12,31,966	1,02,903	11,29,063
Difference ..		+ 19,945	+ 36	+ 7,170	+ 36	+ 1,25,210	+ 99,426	+ 73,780	+ 25,646
Cauvery anicut ..	1885-86	907,795	100,095	905,284	100,095	41,71,180	29,62,775	14,737	29,48,038
	1886-87	908,656	99,825	906,801	99,825	41,75,047	29,65,547	11,531	29,54,016
Difference ..		+ 861	− 270	+ 1,517	− 270	+ 3,867	+ 2,772	− 3,206	+ 5,978
Pennér anicut ..	1885-86	62,746	1,837	61,963	1,837	3,02,397	2,39,093	4,480	2,34,613
	1886-87	62,956	1,343	62,137	1,343	3,06,617	2,40,031	4,351	2,35,730
Difference ..		+ 210	− 494	+ 174	− 494	+ 4,220	+ 938	− 129	+ 1,117
Srívaikuntham anicut ..	1885-86	22,801	20,347	22,150	20,055	2,25,126	1,99,566	8,252	1,91,314
	1886-87	22,957	19,734	21,250	18,828	2,28,371	2,02,702	14,010	1,88,692
Difference ..		+ 156	− 613	− 900	− 1,227	+ 3,245	+ 3,136	+ 5,758	− 2,622
Sangam anicut ..	1885-86	48,504	716	44,760	684	2,30,322	1,76,672	18,619	1,58,062
	1886-87	48,947	628	46,796	625	2,42,488	1,89,561	8,110	1,81,451
Difference ..		+ 443	− 88	+ 2,036	− 59	+ 12,166	+ 12,889	− 10,509	+ 23,389
Total of Class I Works ..	1885-86	1,936,174	155,553	1,920,224	155,198	90,40,766	65,63,042	1,29,289	64,33,762
	1886-87	1,979,519	156,847	1,937,934	155,326	93,30,634	67,98,179	2,72,289	65,25,890
Difference ..		+ 43,345	+ 1,294	+ 17,710	+ 128	+ 2,89,868	+ 2,35,137	+ 1,43,000	+ 92,128
Class II Works.									
Pálár anicut ..	1885-86	65,832	23,543	65,387	23,401	3,01,003	2,30,164	3,723	2,26,441
	1886-87	66,324	24,042	65,768	23,995	3,06,191	2,34,584	3,210	2,31,374
Difference ..		+ 492	+ 499	+ 381	+ 594	+ 5,188	+ 4,420	− 513	+ 4,933

15. The quantity and value of crops shown in the above statement cannot be compared with the last year's accounts, as the system of notation of crops has since been changed in G.O., No. 799, dated 11th September 1886. The area irrigated under the Kurnool-Cuddapah canal and the quantity and value of crops raised thereon are not included in the foregoing statement, the information called for from the Collector of Kurnool not having been as yet received. The particulars will be reported on receipt of the Collector's reply.

(True Extract.)

(Signed) P. RAJARATNA MUDALIAR,
Secretary.

To the Joint Secretary to Government,
Public Works Department, Irrigation Branch.
Copy to all Collectors, with the exception of those of Madras,
Nilgiris, South Canara and Malabar.

3574/46

COMPARATIVE STATEMENT of the total area occupied and irrigated and the revenue derived from all classes of works for 1885-86 and 1886-87.

Item.		Area occupied.		Area effectively irrigated.		Revenue dependent.	Share due to irrigation.	Deduct remissions.	Net revenue due to irrigation.
		First crop.	Second crop	First crop.	Second crop.				
Class I Works.		ACS.	ACS.	ACS.	ACS.	RS.	RS.	RS.	RS.
Godávari anicut ..	.. 1885-86	561,646	32,504	555,908	32,473	25,80,518	18,52,396	54,078	17,98,318
	1886-87	583,376	35,227	563,621	34,615	27,21,678	19,68,322	1,31,384	18,36,938
	Difference ..	+ 21,730	+ 2,723	+ 7,713	+ 2,142	+ 1,41,160	+ 1,15,926	+ 77,306	+ 38,620
Kistna anicut ..	.. 1885-86	332,682	54	330,159	54	15,31,223	11,32,540	29,123	11,03,417
	1886-87	352,627	90	337,329	90	16,56,433	12,31,966	1,02,903	11,29,063
	Difference ..	+ 19,945	+ 36	+ 7,170	+ 36	+ 1,25,210	+ 99,426	+ 73,780	+ 25,646
Cauvery anicut ..	.. 1885-86	907,795	100,095	905,284	100,095	41,71,180	29,62,775	14,737	29,48,038
	1886-87	908,656	99,825	906,801	99,825	41,75,047	29,65,547	11,531	29,54,016
	Difference ..	+ 861	− 270	+ 1,517	− 270	+ 3,867	+ 2,772	− 3,206	+ 5,978
Pennér anicut ..	.. 1885-86	62,746	1,837	61,963	1,837	3,02,397	2,39,093	4,480	2,34,613
	1886-87	62,956	1,343	62,137	1,343	3,03,617	2,40,081	4,351	2,35,730
	Difference ..	+ 210	− 494	+ 174	− 494	+ 1,220	+ 988	− 129	+ 1,117
Srívaikuntham anicut	.. 1885-86	22,801	20,347	22,150	20,055	2,25,126	1,99,566	8,252	1,91,314
	1886-87	22,957	19,734	21,250	18,828	2,28,371	2,02,702	14,010	1,88,692
	Difference ..	+ 156	− 613	− 900	− 1,227	+ 3,245	+ 3,136	+ 5,758	− 2,622
Sangam anicut ..	.. 1885-86	48,504	716	44,760	684	2,30,322	1,76,672	18,619	1,58,062
	1886-87	48,947	628	46,796	625	2,43,488	1,89,561	8,110	1,81,451
	Difference ..	+ 443	− 88	+ 2,036	− 59	+ 13,166	+ 12,889	− 10,509	+ 23,389
Total of Class I Works ..	1885-86 ..	1,936,174	155,553	1,920,224	155,198	90,40,761	65,63,042	1,29,280	64,33,762
	1886-87 ..	1,979,519	156,847	1,937,934	155,326	93,28,629	67,98,179	2,72,289	65,25,890
	Difference ..	+ 43,345	+ 1,294	+ 17,710	+ 128	+ 2,87,868	+ 2,35,137	+ 1,43,009	+ 92,128
Class II Works.									
Pálár anicut ..	.. 1885-86	65,832	23,543	65,387	23,401	3,01,003	2,30,164	3,723	2,26,441
	1886-87	66,324	24,042	65,768	23,995	3,06,191	2,34,584	3,210	2,31,374
	Difference ..	+ 492	+ 499	+ 381	+ 594	+ 5,188	+ 4,420	− 513	+ 4,933

Comparative Statement of the total area occupied and irrigated and the revenue derived from all classes of works for 1885-86 and 1886-87—*cont.*

Item.		Area occupied.		Area effectively irrigated.		Revenue dependent.	Share due to irrigation.	Deduct remissions.	Net revenue due to irrigation.
		First crop.	Second corp.	First crop.	Second crop.				
Class II Works—cont.		ACS.	ACS.	ACS.	ACS.	RS.	RS.	RS.	RS.
Palandorai anicut ..	1885-86 1886-87	2,080 2,626	102 100	2,012 2,533	102 99	12,609 15,692	7,516 9,545	425 539	7,085 9,004
Difference ..		+ 546	− 2	+ 521	− 3	+ 3,083	+ 2,029	+ 114	+ 1,919
Chembrambakam tank ..	1885-86 1886-87	12,840 12,956	4,780 6,466	12,843 12,938	4,780 6,464	70,294 74,563	52,349 56,618	197 193	52,152 56,425
Difference ..		+ 116	+ 1,686	+ 95	+ 1,684	+ 4,269	+ 4,269	− 4	+ 4,273
Madras water-supply and irrigation extension project.	1885-86 1886-87	7,260 7,345	1,897 2,552	7,057 7,333	1,897 2,552	26,633 27,915	19,577 20,787	1,085 417	18,492 20,370
Difference ..		+ 85	+ 654	+ 276	+ 655	+ 1,282	+ 1,210	− 668	+ 1,878
Total of Class II Works.	1885-86 1886-87	89,018 90,251	30,122 32,959	88,299 89,571	29,981 33,910	4,10,879 4,24,671	3,99,889 4,11,746	5,430 4,359	3,94,379 4,07,401
Difference ..		+ 1,233	+ 2,837	+ 1,272	+ 3,929	+ 13,792	+ 11,868	− 1,071	+ 13,022
Grand Total, Class I and II Works together.	1885-86 1886-87	2,025,192 2,069,720	185,676 189,807	2,008,523 2,027,395	185,173 189,228	94,51,440 97,[illegible]	69,72,042 71,[illegible]	1,94,710 3,36,645	67,27,[illegible] 68,[illegible]
Difference ..		+ 44,528	+ 4,131	+ 18,862	+ 4,057	+ 2,61,869	+ 2,41,[illegible]	− 1,41,935	+ 1,[illegible]
Class III Works.									
Vizagapatam ..	1885-86 1886-87	18,338 20,008	604 1,970	13,002 19,514	546 1,965	60,414 64,422	46,218 47,332	30,342 442	14,272 46,810
Difference ..		+ 1,670	+ 1,366	+ 6,512	+ 1,419	+ 4,008	+ 1,114	− 29,900	+ 32,538
Kurnool ..	1885-86 1886-87	5,341 5,304	2,769 2,509	5,341 5,304	2,769 2,509	43,446 41,032	39,196 35,981	285 342	38,914 35,776
Difference ..		− 37	− 260	− 37	− 260	− 2,414	− 2,815	− 57	− 2,448
Chingleput ..	1885-86 1886-87	11,501 11,608	1,549 1,909	11,500 11,608	1,549 1,909	34,963 36,918	23,225 24,151	521 439	22,704 23,712
Difference ..		+ 107	+ 360	+ 108	+ 360	+ 1,955	+ 926	− 82	+ 1,008

North Arcot ..	1885-86 1886-87	39,039 40,155	18,758 18,685	38,862 40,154	18,752 18,679	2,06,978 2,13,122	1,54,516 1,59,602	2,792 2,536	1,51,724 1,57,066
Difference ..		+ 1,116	− 73	+ 1,292	− 73	+ 6,144	+ 5,086	− 256	+ 5,342
South Arcot ..	1885-86 1886-87	142,935 147,038	10,958 12,748	139,893 146,003	10,952 12,748	7,57,438 7,89,282	4,61,375 4,84,221	40,223 32,231	4,21,152 4,51,990
Difference ..		+ 4,103	+ 1,790	+ 6,110	+ 1,796	+ 31,844	+ 22,846	− 7,992	+ 30,838
Tanjore ..	1885-86 1886-87	22,641 22,653	1,940 1,683	22,641 22,653	1,940 1,683	96,419 95,844	66,842 66,215	15 9	66,827 66,206
Difference ..		+ 12	− 257	+ 12	− 257	− 575	− 627	− 6	− 621
Tinnevelly ..	1885-86 1886-87	54,124 54,160	49,695 49,790	54,101 54,116	49,694 49,748	6,86,945 6,87,007	6,08,523 6,08,586	5,534 5,715	6,02,989 6,02,871
Difference ..		+ 36	+ 95	+ 15	+ 54	+ 62	+ 63	+ 181	− 118
Coimbatore ..	1885-86 1886-87	55,013 55,335	30,634 30,920	54,918 55,230	30,600 30,917	4,29,390 4,32,208	3,65,786 3,68,222	1,066 1,319	3,64,720 3,66,903
Difference ..		+ 322	+ 286	+ 312	+ 317	+ 2,818	+ 2,436	+ 253	+ 2,183
Salem ..	1885-86 1886-87	699 730	699 727	668 692	669 689	3,160 3,300	2,524 2,638	133 171	2,391 2,467
Difference ..		+ 31	+ 28	+ 24	+ 20	+ 140	+ 114	+ 38	+ 76
Total ..	1885-86 1886-87	349,631 356,991	118,606 121,941	340,926 355,674	118,471 121,848	23,18,183 23,61,265	17,65,503 17,96,980	80,506 43,235	16,84,997 17,53,745
Difference ..		+ 7,360	+ 3,335	+ 14,748	+ 3,377	+ 43,082	+ 31,477	− 37,271	+ 68,748
Class IV Works.									
Ganjam ..	1885-86 1886-87	201,130 200,565	3,512 3,988	163,069 197,370	3,512 3,988	5,48,875 5,46,032	2,91,721 2,91,715	1,19,385 15,166	1,72,336 2,76,549
Difference ..		− 565	+ 476	+ 34,301	+ 476	− 2,843	− 6	− 1,04,219	+ 1,04,213
Vizagapatam ..	1885-86 1886-87	31,900 31,492	911 4,275	21,988 31,024	840 4,275	1,06,246 1,08,954	79,707 81,772	40,784 1,638	38,923 80,134
Difference ..		− 408	+ 3,364	+ 9,036	+ 3,435	+ 2,708	+ 2,065	− 39,146	+ 41,211
Godávari ..	1885-86 1886-87	95,995 100,363	3,777 4,670	85,231 98,836	3,777 4,670	2,46,646 2,56,146	1,58,953 1,66,709	29,599 3,739	1,29,354 1,62,970
Difference ..		+ 4,368	+ 893	+ 13,605	+ 893	+ 9,500	+ 7,756	− 25,860	+ 33,616
Kistna ..	1885-86 1886-87	36,917 40,868	128 242	24,370 37,521	128 242	1,65,864 1,79,415	1,14,650 1,24,704	56,012 14,993	58,638 1,09,711
Differences ..		+ 3,951	+ 114	+ 13,151	+ 114	+ 13,551	+ 10,054	− 41,019	+ 51,073

3574/47

Comparative Statement of the total area occupied and irrigated and the revenue derived from all classes of works for 1885-86 and 1886-87—*cont.*

Item.		Area occupied.		Area effectively irrigated.		Revenue dependent.	Share due to irrigation.	Deduct remissions.	Net revenue due to irrigation.
		First crop.	Second crop.	First crop.	Second crop.				
		ACS.	ACS.	ACS.	ACS.	RS.	RS.	RS.	RS.
Class IV Works—cont.									
Nellore ..	1885-86	137,644	10,744	129,380	10,608	6,24,490	4,85,268	37,963	4,47,305
	1886-87	138,655	12,340	132,721	12,128	6,33,253	4,94,742	32,628	4,62,114
	Difference ..	+ 1,011	+ 1,596	+ 3,341	+ 1,520	+ 8,763	+ 9,474	— 5,335	+ 14,809
Cuddapah ..	1885-86	206,521	76,322	195,558	75,618	9,74,418	8,13,890	1,20,131	6,93,759
	1886-87	212,465	87,010	209,298	86,906	10,11,007	8,47,800	74,250	7,73,550
	Difference ..	+ 5,944	+ 10,688	+ 13,740	+ 11,288	+ 36,589	+ 33,910	— 45,881	+ 79,791
Anantapur ..	1885-86	109,745	23,061	89,417	23,061	4,34,324	3,83,232	1,19,114	2,64,118
	1886-87	114,848	34,862	104,191	34,736	4,81,505	4,31,941	53,647	3,78,294
	Difference ..	+ 5,103	+ 11,801	+ 14,774	+ 11,675	+ 47,181	+ 48,709	— 65,467	+ 1,14,176
Bellary ..	1885-86	57,917	21,252	57,259	21,252	295,526	2,55,234	5,918	2,49,316
	1886-87	55,664	19,314	52,021	19,269	291,180	2,51,687	16,250	2,35,437
	Difference ..	— 2,253	— 1,938	— 5,238	— 1,983	— 4,346	— 3,547	+ 10,332	— 13,879
Kurnool ..	1885-86	46,891	10,886	45,844	10,886	2,08,526	1,65,615	15,966	1,49,649
	1886-87	50,092	10,531	49,079	10,521	2,18,278	1,73,515	9,469	1,64,046
	Difference ..	+ 3,201	— 355	+ 3,235	— 365	+ 9,752	+ 7,900	— 6,497	+ 14,397
Chingleput ..	1885-86	339,403	63,033	336,113	63,029	11,82,532	8,37,605	28,961	8,08,644
	1886-87	340,128	59,727	333,338	59,214	11,85,712	8,38,828	37,483	8,01,345
	Difference ..	+ 725	— 3,306	— 2,775	— 3,815	+ 3,180	+ 1,223	+ 8,522	— 7,299
North Arcot ..	1885-86	223,799	101,885	221,059	101,885	11,62,122	8,59,511	28,767	8,30,744
	1886-87	230,365	112,296	229,950	112,202	12,07,607	8,98,965	18,771	8,80,194
	Difference ..	+ 6,566	+ 10,411	+ 8,891	+ 10,317	+ 45,485	+ 39,454	— 9,996	+ 49,450
South Arcot ..	1885-86	241,402	36,984	239,097	36,978	12,91,692	8,98,853	1,08,445	7,90,408
	1886-87	247,909	33,642	241,659	33,584	13,13,067	9,07,932	1,26,526	7,81,406
	Difference ..	+ 6,507	— 3,342	+ 2,562	— 3,394	+ 21,375	+ 9,079	+ 18,081	— 9,002

Item.		Area occupied.		Area effectively irrigated.		Revenue dependent.	Share due to irrigation.	Deduct remissions.	Net revenue due to irrigation.
		First crop.	Second crop.	First crop.	Second crop.				
Tanjore ..	1885-86	49,794	3,225	49,793	3,225	1,39,138	92,504	2	92,502
	1886-87	50,057	5,271	49,104	5,271	1,44,142	97,021	3,171	93,850
	Difference ..	+ 263	+ 2,046	— 689	+ 2,046	+ 5,004	+ 4,517	+ 3,169	+ 1,348
Trichinopoly ..	1885-86	133,815	51,879	133,278	51,861	5,57,584	4,15,470	11,991	4,03,479
	1886-87	137,932	52,819	135,710	52,819	5,72,868	4,25,997	17,571	4,08,426
	Difference ..	+ 4,117	+ 940	+ 2,432	+ 958	+ 15,284	+ 10,527	+ 5,580	+ 4,947
Madura ..	1885-86	173,464	64,373	166,271	61,075	6,97,006	4,90,753	27,032	4,63,731
	1886-87	174,810	62,773	159,541	50,464	7,41,089	5,46,943	82,041	4,64,912
	Difference ..	+ 1,346	— 1,600	— 6,730	— 10,611	+ 44,083	+ 56,190	+ 55,009	+ 1,181
Tinnevelly ..	1885-86	145,956	73,789	139,439	72,438	9,38,049	8,04,959	49,596	7,55,363
	1886-87	147,685	67,820	115,450	63,275	9,07,983	7,74,976	1,90,436	5,84,540
	Difference ..	+ 1,729	— 5,969	— 23,989	— 9,163	— 30,066	— 29,983	+ 1,40,840	— 1,70,823
Coimbatore ..	1885-86	47,920	23,581	46,909	23,147	2,58,076	2,11,948	5,301	2,06,647
	1886-87	48,840	24,069	45,728	22,261	2,60,767	2,13,390	16,504	1,96,886
	Difference ..	+ 920	+ 488	— 1,181	— 886	+ 2,691	+ 1,442	+ 11,203	— 9,761
Salem ..	1885-86	108,476	99,841	105,105	97,907	5,66,944	4,07,358	18,936	3,88,422
	1886-87	110,738	99,466	110,013	99,325	5,77,381	4,14,936	5,038	4,09,898
	Difference ..	+ 2,262	— 375	+ 4,908	+ 1,418	+ 10,437	+ 7,578	— 13,898	+ 21,476
Total ..	1885-86 ..	2,386,689	669,183	2,249,180	661,227	1,03,98,058	77,67,231	8,23,893	69,43,338
	1886-87 ..	2,431,476	695,115	2,332,554	675,150	1,06,36,386	79,83,573	7,19,311	72,64,263
	Difference ..	+ 44,787	+ 25,932	+ 83,374	+ 13,923	+ 2,38,328	+ 2,16,342	— 1,04,582	+ 3,20,924
Total of all classes of works ..	1885-86 ..	4,763,512	973,465	4,598,629	964,877	2,21,67,681	1,64,05,376	10,39,109	1,53,66,267
	1886-87 ..	4,860,237	1,006,863	4,715,733	985,234	2,27,50,951	1,69,00,498	10,39,194	1,58,61,304
	Difference ..	+ 96,725	+ 33,398	+ 117,104	+ 20,357	+ 5,83,270	+ 4,95,122	+ 85	+ 495,037

16th November 1887.

(Signed) P. RAJARATNA MUDALIAR,
Secretary.

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Proceedings of the Board of Revenue (Revenue Settlement, Land Records and Agriculture), dated 13th February 1888, No. 65.

J. Grose, Esq., M.A., C.S.

Read—letter from the Collector of Cuddapah, dated 21st September 1887, No. 5457, submitting crop statement for 1886-87 for irrigation under the Kurnool canal.

Read—again Proceedings of the Board of Revenue (Settlement, Land Records and Agriculture), dated 15th November 1887, No. 449.

Read—also statement showing the area irrigated and the quantity and value of crops raised thereon for 1886-87 from the Collector of Kurnool, dated 22nd November 1887, No. 516.

Resolution—dated 13th February 1888, No. 65.

With reference to paragraph 15 of Board's Proceedings, No. 449, dated 15th November 1887, the Board give below a statement showing the area irrigated under the Kurnool-Cuddapah canal and the quantity and value of crops raised thereon during 1886-87 (fasli 1296):—

AREA IRRIGATED.						AREA CULTIVATED WITH DIFFERENT CROPS.								
First crop.		Second crop.				Paddy.				Ragi.				
Flow.	Lift.	Flow.	Lift.	Both seasons.	Total.	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.	Other crops for which no value can be determined at present.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	TONS.	RS.	RS.	ACS.	TONS.	RS.	RS.	ACS.
16,330	184	3,963	34	255	20,796	12,965	6,615	2,69,250	20·8	1,119	333	7,082	6·3	6,714

(True Extract.)

(Signed) P. RAJARATNA MUDALIAR,
Secretary.

STATEMENT showing the area irrigated under, the revenue derived from, and the expenditure incurred on, Irrigation and Navigation works for which neither Capital nor Revenue Accounts are kept during the fasli year 1886-87.

	AREA IRRIGATED AND REVENUE DERIVED DURING THE FASLI YEAR 1886-87.			OUTLAY DURING THE OFFICIAL YEAR 1886-87.							Percentage of repairs on Irrigation revenue.
	Area irrigated.		Total Irrigation revenue.	Original works.	Repairs.	Establishment.	Tools and plant.	Refunds of revenue.	Suspense accounts.	Total.	
	First crop.	Second crop.									
Works for which a continuous record of expenditure is kept individually.	ACS.	ACS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	
Vizagapatam	19,014	1,966	46,810	179	2,854	697	30	..	..	3,760	6·09
Kurnool	5,304	3,509	35,770	..	424	97	4	..	..	525	1·18
Chingleput	11,608	1,909	23,662	3	794	183	8	..	..	986	3·36
North Arcot	40,154	18,679	1,57,066	3,365	18,016	4,918	214	..	..	26,513	11·47
South Arcot	146,003	12,748	4,51,990	12,941	72,168	19,573	851	..	..	1,05,523	15·96
Salem	692	689	2,467	..	99	23	1	..	..	123	4·01
Coimbatore	55,230	30,917	3,66,903	8,406	16,895	5,819	253	..	..	31,373	4·60
Tanjore	22,653	1,683	66,206	..	..	..	..	..	..	..	..
Tinnevelly	64,116	49,748	6,02,871	357	17,295	4,060	177	..	..	21,889	2·87
Total ..	355,674	121,848	17,53,745	25,249	1,28,535	35,870	1,538	..	..	1,90,692	7·33
Works for which a continuous record of expenditure is kept collectively.											
" Imperial " works—											
Ganjam	105,188	1,816	1,70,643	5,187	8,163	3,066	133	..	..	16,549	4·78
Vizagapatam	16,232	2,102	36,910	534	1,541	478	21	..	..	2,574	4·18
Godávari	48,075	3,860	89,063	4,742	10,954	3,616	157	..	..	19,469	12·30
Kistna	12,976	12	31,782	7,320	6,914	3,274	142	..	531	18,181	21·75
Nellore	97,651	8,113	3,52,125	15,553	40,640	13,041	562	..	..	69,796	11·54
Cuddapah	58,704	30,335	2,82,418	7,056	20,308	6,296	274	..	..	33,944	7·19
Kurnool	21,026	5,692	77,795	20,256	3,827	32,488	464	..	..	57,035	4·92
Bellary	30,950	11,092	1,76,762	1,795	26,319	6,474	279	..	..	34,867	7·19
Anantapur	47,879	16,433	1,89,428								
Chingleput	210,085	40,705	5,33,773	35,954	84,797	56,281	1,774	..	..	1,73,806	15·89
Presidency	..	..	..	..	..	..	4,803	..	..	4,803	..
North Arcot	56,822	25,234	2,24,088	9,235	20,487	6,888	292	..	..	36,902	9·14
South Arcot	66,782	7,783	2,25,385	6,168	51,034	12,751	548	..	..	70,501	22·64
Salem	25,384	24,173	1,04,001	389	9,359	2,242	97	..	..	12,087	8·99
Malabar	..	..	..	3,741	2,148	1,355	59	..	..	7,303	..
Coimbatore	28,311	16,667	1,41,538	18,736	42,322	44,490	6,016	..	..	1,11,564	29·90
Tanjore	18,441	1,922	37,598	4,299	5,450	2,554	97	122	..	12,522	14·49
Trichinopoly	80,422	33,105	2,82,296	12,737	39,450	12,082	522	350	..	65,141	13·97
Madura	73,339	29,907	2,76,310	76,794	46,878	55,825	1,846	..	..	1,81,343	16·97
Tinnevelly	49,129	33,565	2,92,344	18,073	25,913	8,416	353	..	..	52,755	8·86
Superintendent of Tank Restoration works.	..	..	..	4,826	..	20,160	787	..	..	25,573	..
Total ..	1,047,466	293,617	35,24,259	2,53,205	4,46,504	2,91,777	19,226	472	531	10,11,715	12·67

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Statement showing the area irrigated under, the revenue derived from, and the expenditure incurred on, Irrigation and Navigation works, &c.—*cont.*

—	Area irrigated and revenue derived during the fasli year 1886-87.			Outlay during the official year 1886-87.							Percentage of repairs on Irrigation revenue.
	Area irrigated.		Total Irrigation revenue.	Original works.	Repairs.	Establishment.	Tools and plant.	Refunds of revenue.	Suspense accounts.	Total.	
	First crop.	Second crop.									
Works for which a continuous record of expenditure is kept collectively—cont.	ACS.	ACS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	
"Minor" Irrigation works—											
Ganjam	22,182	2,172	1,05,906	..	10,999	..	..	..	..	10,999	10·38
Vizagapatam	14,792	2,173	43,224	..	2,791	..	..	..	..	2,791	6·46
Godávari	50,761	710	73,907	..	12,000	..	..	..	..	12,000	16·24
Kistna	24,645	230	77,929	575	7,326	132	6	..	..	8,039	9·40
Nellore	35,070	4,015	1,09,989	..	11,103	..	..	..	..	11,103	10·09
Cuddapah	100,594	66,571	4,91,133	..	17,332	..	..	..	..	17,332	3·53
Kurnool	28,053	4,929	86,251	..	4,357	..	..	..	..	4,357	5·05
Bellary	21,071	8,177	58,675	..	4,300	..	..	..	..	4,300	7·33
Anantapur	56,312	18,303	1,88,866	..	18,011	..	..	..	..	18,011	9·53
Chingleput	123,253	18,509	2,67,572	..	23,387	..	..	..	..	23,387	8·74
North Arcot	173,058	80,958	6,56,105	466	31,144	144	6	..	..	31,760	4·82
South Arcot	174,877	24,801	5,56,021	..	32,475	..	..	..	..	32,475	5·84
Salem	84,629	75,142	3,05,897	..	15,581	..	..	..	..	15,581	5·09
Coimbatore	17,417	5,594	55,318	..	7,710	..	..	..	..	7,710	13·93
Malabar	..	..	..	..	—639	..	..	..	..	—639	..
Tanjore	30,663	3,349	56,252	..	8,163	..	..	..	..	8,163	14·51
Trichinopoly	55,288	10,713	1,26,180	..	8,429	..	..	..	..	8,429	6·68
Madura	86,202	21,457	1,88,602	..	17,823	..	..	..	..	17,823	9·45
Tinnevelly	66,221	29,710	2,92,196	..	24,322	..	..	..	..	24,322	8·32
Total ..	1,285,088	382,533	37,40,003	1,041	2,56,614	276	12	..	..	2,57,943	6·87
Total for works for which neither Capital nor Revenue Accounts are kept ..	2,588,228	796,998	90,18,007	2,75,495	8,21,653	3,27,423	20,776	472	531	14,46,350	9·22
Old Irrigation under works for which Capital and Revenue Accounts are kept.											
Godávari—Godávari Delta system	150,029	..	1,22,787	..	..	7,367	..	..	..	7,367	..
Kistna—Kistna delta	65,438	..	72,784	..	..	4,367	..	..	..	4,367	..
Nellore .. { Penner anicut	41,891	..	1,17,591	3,564	13,860	11,063	174	..	..	28,661	11·78
Nellore .. { Sangam do.	44,219	596	1,24,634	..	..	7,478	..	..	..	7,478	..
Tanjore—Cauvery delta	730,292	25,347	23,63,290	..	1,05,634	1,66,093	1,066	..	..	2,72,793	4·47
Tinnevelly, Srivaikuntham anicut	14,667	7,132	79,479	352	5,208	6,048	56	..	..	11,664	6·55
Chingleput { Chembrambakam tank	11,234	1,898	16,223	2,283	3,097	1,238	34	..	..	6,652	19·09
Chingleput { Madras Water-supply and Irrigation Extension project	5,512	* 2,169	10,656	2,603	206	876	38	..	..	3,723	1·94
North Arcot—Pálár anicut	44,421	* 22,986	1,17,157	178	2,909	710	31	..	..	3,828	2·48
South Arcot—Pelandorai anicut	1,729	95	3,196	59	58	27	1	..	..	145	1·81
Total ..	1,109,432	60,312	30,27,797	10,039	1,30,972	2,05,267	1,410	..	..	3,47,688	4·37

* Includes the extent of new irrigation not separately recorded.

(Signed) H. R. MEAD, Colonel, R.E.,
Chief Engineer for Irrigation.

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No. 35 I.

Note by the Chief Engineer for Irrigation.

The statements showing the amounts of water-rates assessed on lands irrigated under the Kurnool canal for the fasli year 1296 (1886-87) received from the Collectors of Kurnool and Cuddapah with their No. 80, dated 14th September 1887, and No. 6677, dated 7th November 1887, respectively, and those exhibiting the irrigation revenue derived from all other works received from the Board of Revenue, Revenue Settlement, Land Records and Agriculture, with their Proceedings noted in the margin, are submitted to Government with the following observations.

Mis No. 2239, dated 9th Sept. 1887.
„ „ 2476, „ 4th Oct. „
„ „ 2780, „ 2nd Nov. „

2. Including the Kurnool canal the total area occupied for irrigation during the year was 4,882,913 acres, of which 4,737,821 acres were effectively irrigated against 4,621,430 acres irrigated in the previous year. Owing to the favorable character of the season, there was an increase both in the area of occupation and of effective irrigation and a consequent increase in revenue. The total revenue assessed on irrigated lands was Rs. 2,28,25,476, or Rs. 5,78,975 more than in the previous year, the shares due to land and irrigation being Rs. 58,50,453 and Rs. 1,69,75,023, respectively. The total deductions and remissions amounted to Rs. 10,45,479, or Rs. 2,714 more than in the previous year. The net revenue due to irrigation was Rs. 1,59,29,544. In the Proceedings of the Board of Revenue, No. 2669, dated 21st October 1887, are shown the chief causes for the variations in the areas irrigated under, and in the revenue derived from, works for which Capital and Revenue Accounts are kept, as compared with the estimates of revenue anticipated and the actuals of the previous year. In their Proceedings, No. 449 Press, dated 15th November 1887, the Board give a general review of the extent of irrigation and revenue derived from all classes of works except the Kurnool canal, for which the returns of revenue are received direct from the Collectors concerned.

3. The following statement compares the area irrigated under, and the revenue derived from, each class of works with those of the previous year :—

—	Area effectively irrigated.		Total Irrigation Revenue.		Average rate per acre.	
	1886-87.	1885-86.	1886-87.	1885-86.	1886-87.	1885-86.
I. Major (Productive) Works	ACS. 1,960,022	ACS. 1,943,025	RS. 65,94,130	RS. * 65,05,426	RS. 3·36	RS. 3·35
Minor Works and Navigation.						
II. Works for which Capital and Revenue Accounts are kept	89,571	88,299	3,17,407	3,04,170	3·54	3·44
III. Works for which a continuous record of expenditure is kept	355,674	340,926	17,53,745	16,84,997	4·93	4·94
IV. Works for which neither Capital and Revenue Accounts nor a continuous record of expenditure is kept—						
(a) Imperial Works	1,047,466	1,004,651	35,24,259	33,81,617	3·36	3·37
(b) "Minor" Irrigation Works	1,285,088	1,244,529	37,40,003	35,61,721	2·91	2·86
Total ..	4,737,821	4,621,430	1,59,29,544	1,54,37,931	3·36	3·34

* Excluding Rs. 3,500, the amount charged for water supplied to the Kurnool Municipality.

There was an increase both in the total area irrigated and in the revenue derived from all classes of works although large remissions were granted on lands irrigated under the Godávarí and Kistna deltas and the Srívaikuntham anicut system. Serious damages both to works and cultivation were caused by floods in the Godávari and Kistna rivers, and the supply of water in the Támbraparni river during the north-east monsoon was insufficient owing to scanty rainfall.

4. *Major Works:*—The subjoined statement exhibits the area irrigated under, the irrigation revenue derived from, and the cost of maintenance and repairs of each Major (Productive) Work.

	Ultimate area of wet irrigation.	Area occupied for wet irrigation.			Area effectively irrigated.			Irrigation revenue.			Average rate per acre.			Cost of maintenance and repairs.	Average cost of maintenance and repairs per acre of wet land effectively irrigated for first crop.
		Old.	New.	Total.	Wet.		Dry crop watered.	Wet.		Dry crop watered.	Wet.		Dry crop watered.		
					First crop.	Second crop.		First crop.	Second crop.		First crop.	Second crop.			
	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	RS.	RS.	RS.				RS.	
Godávari delta	612,000	150,039	427,532	577,571	557,816	34,615	5,805	17,08,271	1,07,924	20,743	3·06	3·12	3·57	2,45,071	0·44
Kistna delta	475,000	65,438	280,114	345,552	330,254	90	7,075	11,04,312	169	24,689	3·34	1·88	3·49	1,67,080	0·51
Pennér anicut	69,285	41,891	20,289	62,180	61,361	1,347	775	2,20,962	3,457	1,311	3·75	2·57	1·67	16,708	0·27
Sangam do.	94,006	44,219	4,359	48,578	46,427	621	363	1,79,083	1,772	596	3·86	2·84	1·62	7,307	0·16
Kurnool canal	196,227	..	21,271	21,271	21,271	595	817	65,471	1,928	841	3·08	3·28	1·03	1,13,876	5·35
Cauvery delta	919,539	730,392	148,223	878,615	876,760	90,925	30,041	26,71,250	2,26,170	52,596	3·05	2·27	1·79	50,170	0·06
Srívaikuntham anicut	25,594	14,607	6,257	20,864	19,157	18,628	2,973	1,12,995	43,961	11,736	5·90	2·40	6·61	11,348	0·61
Total ..	2,391,651	1,046,586	908,045	1,954,631	1,913,045	155,814	46,979	60,75,344	3,85,374	1,13,512	3·16	2·60	2·42	6,21,550	0·32

There was an extension of irrigation under all the systems except the Kurnool canal. The areas irrigated for second crop under the Cauvery delta, the Pennér, Sangam and Srívaikuntham anicut systems were less than in the previous year.

5. The extent occupied for irrigation under the Mundapetta canal in the Godávari Eastern division and the Gostanadi and Velpur canal, and the Attili and Undi canals in the Godávari Western division is shown to have exceeded the assumed irrigable areas under those canals. The Superintending Engineer, I Circle, should ascertain and report to what extent he considers it desirable that these areas should be modified. The Superintending Engineers, I and II Circles, should expedite the submission of similar information with regard to the canals of the Godávari and Kistna deltas called for in paragraph 5 of the note printed with G.O., No. 49 I., dated 24th January 1887.

6. The extent of dry crops watered and the water-rate charged on it are for the first time shown separately from dry converted into wet in accordance with the suggestion contained in paragraph 6 of the note printed with the Government Order referred to in the previous paragraph, but the remissions on both classes of land shown in enclosure B are clubbed together. These should also be shown separately, as the net revenue derived from each class of land cannot otherwise be ascertained. The area irrigated under, and the revenue derived from, each of the rivers of the Cauvery delta, classed under (2) Main Canals and Branches, are for the first time shown in the returns now submitted instead of being clubbed together as hitherto with the areas irrigated under all the branches of each principal river.

7. The Superintending Engineer, VI Circle, with a view to determining once for all the rivers and channels the maintenance of which should be attended to by the Public Works Department as distinguished from those the maintenance of which is left in the hands of the villagers, applied for information as to the areas irrigated under, and the revenue derived from, each distributary of the Cauvery delta, such information not being available locally. In letter, No. 107 M., dated 16th April 1884, the Director of Revenue Settlement or the Commissioner, as he is now called, was requested to arrange for preparing statements showing the information required for each of the distributary channels, a list of these drawn up from the latest lists available being furnished to him. These statements do not seem to have yet been completed.

8. The total area irrigated, including second crop and dry crops watered under the Kurnool canal in the Kurnool district, was 2,044 acres more, while that in the Cuddapah district was 2,169 acres less, than in the previous year. The decrease is due to canal water not having been used for dry and garden crops as extensively as in the previous year owing to the rainfall of the south-west monsoon having been good. The revenue derived from irrigation in the Kurnool district was Rs. 2,504 or 9·86 per cent. less, while that in the Cuddapah district was Rs. 5,928 or 12·81 per cent. less, or together Rs. 3,424 or 4·78 per cent. less than the revenue derived during 1885-86. The average water-rates per acre were 2·67 in the Kurnool district and 3·29 in the Cuddapah district against 3·02 and 3·21, respectively, in the previous year. The large reduction in the average rate in the Kurnool district is due to a large extent of land being irrigated free of charge under the concessions granted in G.O., No. 448 I., dated 6th June 1882, to encourage irrigation under the canal.

9. In his letter, No. 1697, dated 22nd November 1887, the Collector of Kurnool reported that the net demand of Rs. 11,935-1-6 for canal water supplied for replenishing tanks, as already reported by him, should have been only Rs. 5,145-7-11, and that this mistake was detected during the annual settlement. The original amount having been adopted in the Irrigation Administration Report, which was already in print, it was too late to correct it. Having regard to this circumstance, it is suggested that the Collectors of Kurnool and Cuddapah may be directed in the Revenue Department to submit in future, through the Board of Revenue, all the revenue returns now sent direct to this office, care being taken that they are prepared correctly, in the first instance, and sent in proper time to admit of their being used in preparing the Irrigation Administration Report.

10. The following statement shows the area irrigated under the Kurnool canal and the revenue derived therefrom in each taluk :—

Taluks.	Area irrigated.	Demand.	Remissions.			Net demand.
			For causes or deficiency of water.	Other causes.	Total.	
	ACS.	RS.	RS.	RS.	RS.	RS.
Kurnool—						
Nandyāl ..	1,311	4,707	895	..	895	3,812
Sirvel ..	920	4,174	..	..	..	3,173
Koilkuntla ..	545	545	..	..	..	545
Rāmallakōt ..	1,655	4,262	313	60	373	4,419
Nandikōtkur ..	3,919	10,894	1,572	186	1,758	9,636
Tank irrigation ..	1,325	3,145	..	..	..	3,145
Irrigation free of charge ..	1,720	..	..	..	..	..
Total ..	10,441	28,986	2,780	246	3,026	27,818
Cuddapah—						
Cuddapah ..	7,757	30,147	63	2,659	2,722	28,395
Proddatūr ..	4,414	15,267	33	391	424	14,783
Jammalamadugu ..	64	334	..	79	79	154
Total ..	12,235	45,548	96	3,159	3,246	40,343
Grand Total ..	22,676	74,534	2,876	3,405	6,284	68,240

11. With a view to encourage extension of irrigation under this canal, persons who have capital at command and are desirous of taking up blocks of unoccupied waste lands of 50 acres and upwards in extent for irrigated cultivation are allowed liberal concessions, comprising provision of water free of charge for five years and at half rates for another five years, after which full rates are charged. With the same object dry lands which have not been irrigated within the last 10 years, if irrigated, are allowed a remission of water-rates to the extent of 50 per cent. for the first five years and 25 per cent. for the second five years. Under these concessions, in the Kurnool district 3,348 acres of waste lands were occupied, and of this number 1,720 acres were cultivated and 427 acres of dry lands were converted into wet, while in the Cuddapah district 1,705 acres of waste lands were cultivated.

12. *Minor Works and Navigation for which Capital and Revenue Accounts are kept.* —The following statement shows the area irrigated under, the revenue derived from, and the cost of maintenance and repairs for each of the minor irrigation and navigation works for which Capital and Revenue Accounts are kept :—

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—	Ultimate area of wet irrigation.	AREA OCCUPIED FOR WET IRRIGATION.			AREA EFFECTIVELY IRRIGATED.			IRRIGATION REVENUE.			AVERAGE RATE PER ACRE.			Cost of maintenance and repairs.	Average cost of maintenance and repairs per acre of wet land effectively irrigated for first crop.
		Old.	New.	Total.	Wet.		Dry crop watered.	Wet.		Dry crop watered.	Wet.		Dry crop watered.		
					First crop.	Second crop.		First crop.	Second crop.		First crop.	Second crop.			
	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	RS.	RS.	RS.				RS	
Chembrambakam tank	18,000	11,234	1,379	12,613	12,596	6,464	343	37,885	17,070	1,704	3·01	2·64	4·97	6,910	0·55
Pálár anicut	68,700	44,421	18,893	63,314	62,758	23,995	3,010	1,71,296	51,691	8,387	2·73	2·15	2·78	33,311	0·53
Pelandorai anicut	7,541	1,739	1,800	3,539	3,446	99	87	8,626	243	135	2·50	2·45	1·55	11,021	3·20
Madras Water-supply and Irrigation Extension project ..	9,852	5,513	1,765	7,278	7,265	2,352	67	16,310	3,848	212	2·25	1·64	3·16	35,953	4·95
Total ..	104,093	62,907	23,837	86,744	86,064	32,910	3,507	2,34,117	72,852	10,438	2·72	2·21	2·98	87,195	1·01

There was an extension of irrigation under each of the systems, but the ar second crop under the Pelandorai anicut and the Madras water-supply and irriga extension project was a little less than in the previous year. The amounts of re assessed on 10 acres, the area of dry crop on inam lands watered under the Chem bakam tank, and on two acres of similar land watered under the Red Hills tank shown to be Rs. 826 and Rs. 26, respectively. These amounts apparently i the cess known locally as "yeri merah" levied to meet the cost of maintaining o minor channels of the irrigation systems; the cess levied in the previous year w Rs. 790 under the Chembarambakam tank and Rs. 23 under the Red Hills tank.

13. *Works for which neither Capital nor Revenue Accounts are kept, but a rec record of expenditure is kept.*—The total area occupied for irrigation under all w for which a continuous record of expenditure is kept, was 356,991 acres, of wh 355,674 acres were effectively irrigated for first crop and 121,848 acres for second against 340,926 and 118,471 acres in the previous year. The total revenue depe on these works was Rs. 23,61,265, of which the share due to irrigation Rs. 17,96,980, or Rs. 17,53,745 exclusive of deductions and remissions, wh amounted to Rs. 43,235, or Rs. 37,271 less than in the previous year. In Vizagapatam and South Arcot districts, contrary to the experience of the prev year, there was no necessity for granting large remissions under this class of w The total remissions for the two years 1886-87 and 1885-86 were as follow :—

	1886-87.	1885-86
	RS.	RS.
On account of excess of water	299	7,159
Do of failure of water	5,265	8,934
Do of other causes	1,019	30,810
Total ...	6,583	46,903

14. *Works for which neither Capital and Revenue Accounts nor a continuous re of expenditure is kept.*—The works under this class are divided into "Imperial" "Minor," the former being those retained under the charge of the Public W Department and the latter those transferred to the Revenue Department. The divis of works between these two classes in the revenue statements of this year is based the lists of "Imperial" works approved and communicated with G.O., No. 407 dated 6th July 1887, while in previous years the division was made arbitrar according as the extent of irrigation under each work exceeded or fell short of 200 acr The area irrigated under, and the revenue derived from, each of these classes of wo cannot therefore be compared with those of the previous year. In the Ganjam, Vizagapatam, Godávari, Kistna, Cuddapah, Kurnool, Anantapur, North Arcot, and Salem districts, in which the rainfall was good, there was an increase in the area effectively irrigated and no occasion for large remissions similar to those granted in the previous year, but in the Tinnevelly, Madura, Coimbatore, South Arcot, Chingleput, Bellary, Trichinopoly and Tanjore districts, in which the rainfall was scanty, large remissions were found necessary. The total remissions for the two years 1886-87 and 1885-86 were as follow :—

	1886-87.	1885-86.
	RS.	RS.
On account of excess of water	25,025	10,445
Do. of failure of water-supply	4,21,232	4,59,176
Do. of other causes	17,128	66,440
Total ...	4,63,385	5,36,061

15. The particulars of charges, compared with the area irrigated and the revenue derived for the several districts, are given in the appended statement. The general result is as follows.

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	Area irrigated.	Irrigation revenue.	Cost of repairs.	Percentage of the cost of irrigation repairs or revenue.	
	ACS.	RS.	RS.		
1886-87 ..	2,588,228	90,18,067	8,21,053	9·32	
1885-86 ..	2,590,166	86,28,324	*7,22,061	8·37	

* Including old maintenance charges of works for which Capital and Revenue Accounts are kept included in the statement for 1885-86.

16. At the suggestion of the Compiler of the General Administration Report of the Presidency for 1885-86, the question of fixing an earlier date than 30th November for the submission of the Administration Report of the Irrigation Branch was in G.O., No. 123, Public, dated 26th January 1887, referred for consideration in this department. The date of submission of this report depends altogether on the date on which the annual statements of irrigation revenue are received from the Board of Revenue. The Member of the Board of Revenue, in charge of Revenue Settlement and Agriculture, stated in his letter, No. 19, dated 11th February 1887, that these statements could not be submitted earlier than October. He was in letter, No. 34 M., dated 19th February 1887, requested to state if he could arrange for their submission not later than the 10th October of each year; to this reference no reply has yet been received. The last batch of the statements for 1886-87 was not received till the 4th November 1887, the review of the accounts of all classes of works till the 17th idem, and the statement of the value of crop on lands irrigated under the Kurnool canal till the 14th February 1888. The late submission of these statements and information caused considerable inconvenience in the compilation of the Administration Report of the Irrigation Branch so as to allow of its submission in proper time to be incorporated in the General Administration Report of the Presidency. It may be noted that the value of crops under the Kurnool canal entered in the Irrigation Administration Report had to be approximately deduced from the figures of the previous year. To avoid the recurrence of similar inconvenience, the Board of Revenue may, it is suggested, be requested to arrange for the necessary statements and information being furnished earlier, *i.e.*, not later than the 10th October, if possible.

17. The annual statements of irrigation revenue received from the Board of Revenue furnish the information required for deducing the financial results of each of the large systems of irrigation and of each class of smaller works in each district, but no satisfactory arrangements have yet been made for obtaining regularly correct statistical information regarding the area irrigated under each source of irrigation in each village; this information is required by officers of this department to enable them to arrange for the proper distribution of water and to ascertain the reasons for variations in the areas irrigated. The district irrigation registers which are intended to show this information are, it is believed, prepared by establishments working under Collectors. For several districts these registers do not appear to have yet been completed, and for other districts they are completed and submitted so long after the end of the year to which they refer that they are virtually useless. It is not known whether these registers work up to the total figures shown in the annual statements received from the Board of Revenue. Accurate statements of the quantity of water consumed in the irrigation of given areas are of great importance, not only for the efficient management of existing works, but also for the purpose of ascertaining the results of the improvements carried out and what further improvements are needed.

18. The annual statements of irrigation revenue are generally completed in October, and until the end of June following, when the fasli year commences, the preparation of similar statements for that year is not taken up. In letter No. 14 M., dated 21st January 1887, the Director of Revenue Settlement and Agriculture or the Commissioner for Settlement, Land Records and Agriculture, as he is now designated, was requested to state whether, in his opinion, the special establishment sanctioned for the preparation of irrigation revenue accounts could be employed during the interval above referred to in preparing, from the village returns received for the compilation of the annual statements, detailed statements showing the area irrigated in each village

by each distributary and the revenue derived from such area, so that these detailed statements, which should work up to the annual statements prepared for exhibiting financial results, might be forwarded to the officers concerned through this office, so that Collectors might be relieved altogether of the preparation of irrigation registers and might, on completion of the detailed statements, be instructed to ascertain and report the local circumstances which retarded or facilitated the extension of irrigation. This information is required for the compilation of a revenue report of irrigation works in this Presidency, which, for want of complete revenue information, has not yet been prepared although repeatedly called for by the Government of India. In his letter No. 20, dated 8th February 1887, the Commissioner stated that there would be no difficulty in preparing the detailed statements suggested, but their preparation would probably necessitate the employment of an additional establishment. As it is highly desirable that officers of this department should be furnished regularly with detailed statements of irrigation under the works in their charge and with information as to the causes of variations, it is suggested that the matter may be taken up in the Revenue Department and the necessary arrangements may be made as soon as possible.

CHEPAUK,
24th February 1888.

(Signed) H. R. MEAD, Colonel, R.E.,
Chief Engineer for Irrigation.

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

SUPERINTENDING ENGINEER'S OFFICE, 3 Circle

No. 1696

Bellary ~~Chepauk~~, 2d ~~Madras~~ Nov: 1888.

From
Col. H Smalley R.E.
~~The~~ SUPERINTENDING ENGINEER,
III ~~Ist~~ CIRCLE,

1P
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To
THE Chief Engineer
PWD
Madras

SIR,

~~Govt. No. 2166 9th Oct. 88.~~

Enclosures.

I have the honor to report that the distribution of the upper Subordinates in the Bellary Division is at present as follows

Viz.

1 Lt. Nicholson Asst. Engr. in charge Anantapur Sub Division

2. Sergeant Temple Sub Engr. attached Officer Hd. Qrs. Sub Division

3 Sergt. Macintosh Supervisor in ch. Bellary Sub Division

4 Mr. Lazarus Supr. attached Officer Bellary Sub Dn. — Hospet

5 Moonisawmy Moodr. Overseer Do. Do. Harpenhully

There are now only 5 upper Subordinates; overseer Sergeant Rule's place having

been filled up by Saminatha Iyer Sub Overseer
The Lower Subordinates are distributed thus
Sub Overseer D. Saminatha Iyer Hd. Qr. Sub Dn.
" C Lawrence Bellary Sub Dn.
" Kolundasalam Asst. ~~[illegible]~~ in ch. Gooty
" Soobramania Iyer Anantapoor Dn. not joined

2. There has been a difficulty in filling up the Penakondah charge of the Anantapoor District since Overseer Sergt. Ruche's transfer to the Polongi Ghaut, on account of frequent changes. Sergt. Temple having been obliged to take 3 months leave for bad health in July, it was necessary to retain Sergt. Cole (who was under orders for Penakondah) at Bellary, and hence Penakondah has been without an Upper Subordinate for some months. The Gooty portion of the Anantapoor District has been hitherto looked after by the Bellary Sub Division Officer and a Lower Subordinate has been in charge. In future it will be looked after by the Anantapoor Sub Dn. with the aid of a Lower Subordinate.

3. As soon as the present Ex. Engr.+ has made himself acquainted with the Toongabudra channels in Supervisor Lazarus' company the latter will be posted to Penakondah and the Anantapoor Sub Dn. will then be officered by
Lt. Nicholson Asst. Engr. in charge
Mr. Lazarus Supr. Penakondah. [illegible]
Soobramania Iyer Sub Overseer Anantapoor & Gooty — which is the best arrangement that can be made

+ Mr. Clift

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4. The Executive Engr. has been directed to inspect the Anantapoor Sub Dn. at least once a quarter.

5. I may add that I have inspected the Anantapoor Sub Division last month and found the large tanks, Singanamala, Dhurmavarum, Bookapatam, Purge Hindupur, Anantapoor, Yerratimmaraz, Pitta Nothacherou, Royalcherou, Chilmatoor, in very good order.

I have the honor to be
Sir
Your most obedt. Servant

H Smalley Col. RE
Supdg. Engineer
3rd Circle

GO 1903 d/12.3.88,
– 3168W d/9.10.88

3P

PPH.

From

The Superintending Engineer,
III ~~1st~~ Circle,

To

The Chief Engineer
P. W. D.
Madras.

Communicated to the Revenue department with reference to G.O. No. 3168W dated 9th October 1888

Dated 2d } November 1888.
Recd.

SECRETARY TO GOVERNMENT
-4 NOV 88
P. W. DEPARTMENT, MADRAS.

Enclosures.

No. 1697

Re-distribution of subordinates in the Bellary Dn. —
Reporting on the
— as proposed. —

dau
10/11

C. E. for I. ✓
S. E. III Circle ✓
Ex. Pr. Accts. ✓
Rev. dept. ✓ 17-11-88

Ackn. 6-11-88
R 10-11-88

With order

Govt. of (1888) Madra

PUBLIC WORKS.

Dated

Recd

Read

G.O. 18th Novr 1888, No. 3574W

Establishment

Distribution, propo
by the Supg Engr III Circ
of the Engineering establishment of the Bellary
Dn between the Bellary
and Anantapur distr
communicated to the
Revenue Depte

Sd
1579