

9047
Public Works (1896) Department.

G.O., No. 8394
840 I

DATED 20th Oct. 1896

[Despatch Abstract.]

Irrigation and Rainfall, Order that the statement of — for 1895-96 received from the Board of Revenue, be forwarded to the Govt of India.

Ditto In forwarding Govt: embodying the statement of — for 1895-96, received from the Board of Revenue.

21/10
T.L. 20/10

21/10
22/10

You wanted this
8^{vo}. recalled. The press
have retained the Rev's
Pros. on which your note
was written. If you have
no other copy, I shall
ask the press. to return
the Rev Pros. in question.

HC ^{PLW}
Please ask the
press to print the
1857 Proc embodied
in this Pl. & accord
with the printed copy
of the Proc retained
by them. It is believed
the printed copy of the
1857 Proc differs from
my copy. The Co. may then
issue 1857 3/4

RS.

No.

Department.

Date.

G.O.

PUBLIC WORKS DEPARTMENT,

IRRIGATION BRANCH.

15839-40
15839-40
No. 839 I. D 20th October 1896
PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the

Read the following

Proc. of the Board of Rev. New Sett. Land
Records Agriculture, No 248 of 30.9.96
No 182 I of 7.10.96
Submitted to
Govt.

43 P
Order thereon.

A.S.H
15.10.96
The statement
of irrigation rainfall
for 1895-96, received
from the Board of
Rev., will be for-
warded to the Govt

of India.
No 1840 I D 20th October 1896.
Indorsement.

Forwarded.

2.11/10
7/10
96
To
The Chief Eng for I.
Supp Engrs.
New Dept.

10/10
5/10
B.M.

IRRIGATION.
ACCOUNT.

Government {1896} of Madras.
PUBLIC WORKS.

Recd.

Enclosures

1896.

Regd.

Spare copies

G.O., Nos. 839, 840 I., 20th October 1896.

OCTOBER.

Irrigation and Rainfall

Forwarding Proceedings embodying the statement of — for 1895-96, received from the Board of Revenue.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Irrigation.
Account.

READ—the following papers:—

Proceedings of the Board of Revenue (Revenue Settlement, Land Records and Agriculture), dated 30th September 1896, No. 248, Press.

Read—Comparative statements of irrigation and rainfall for the years 1894-95 and 1895-96 submitted by Collectors.

Resolution—dated 30th September 1896, No. 248, Press.

The Board resolves to forward to the Chief Engineer for Irrigation the comparative statement of irrigation and rainfall for the official year 1895-96.

2. The season was generally favourable except in Nellore and parts of Kurnool and North Arcot. The average rainfall for the whole presidency, excluding Madras, where the lands are charged with quit-rent, and the two West-Coast districts and the Nilgiris, where there are no irrigation works, was 39·83 inches against 31·91 inches in 1894-95 and 33·05, the average of five years ending 1894-95. The south-west monsoon was late in some districts, but the total quantity of rain registered under it was more or less above the average in all the districts except Kurnool. The north-east monsoon was quite up to the average except in the Northern Circars and Nellore. The rains under this monsoon were particularly heavy in Chingleput, South Arcot, Tanjore and Tinnevely. The Gódvári began to rise in June attaining a maximum height of 10·1 feet above the crest of the anikat on the 18th August. No damage was caused to any of the works. The Kistna was in freshes about the middle of June; the maximum height attained was 12·55 feet above the crest of the anikat on the 14th August. In consideration of the loss of crop occasioned by the floods in Tanuku, Bhímavaram and Narsapur taluks in Gódvári, the ryots were allowed to take water for second crop without reference to the date fixed under the delta water-rate rules. In Kistna, the rainfall was heaviest in September, a cyclone having burst on the 5th of the month. This and the heavy floods brought down by the jungle streams of Budameru and Ramaleru, breached several irrigation sources and injured the crops all over the district more or less, large areas of low-lying lands in Gudiváda and Répalle having suffered most. The freshes in the Pennér in Nellore were unusually late during the year, and this affected the early wet cultivation and incidently the second crop to a large extent. The freshes in the Cauvery were timely and sufficient. In the Tambraparni in Tinnevely, the supply in the earlier months was deficient, and lands under the Srívaikuntam anikat suffered considerably during the first-crop season. At the end of December, on the other hand, there was unusually heavy rain throughout the district and all the rivers were in freshes. There were breaches in the Tambraparni banks and channels and in several other channels and tanks, and some damage was caused to crops.

Statements showing the rainfall in each district during each monsoon of the year under report compared with the previous year and the average of five years ending 1894-95, as also the details for each month, are appended.

3. The following abstract shows the area actually irrigated from Government sources in 1895-96, as compared with 1894-95 :—

	Anikat and other important works—Classes I and II.		Other works—Classes III and IV.		Total.		Difference.
	1894-95.	1895-96.	1894-95.	1895-96.	1894-95.	1895-96.	
Government land ..	ACS. * 2,123,908	ACS. 2,091,094	ACS. * 2,444,450	ACS. 2,637,861	ACS. 4,568,358	ACS. 4,728,455	+ 160,097
Inam land ..	* 534,905	513,471	* 450,740	497,619	985,645	1,011,090	+ 25,445
Zemindari land ..	265,684	258,609	17,824	24,646	283,508	283,255	- 253
Total ..	* 2,924,497	2,863,174	* 2,913,014	3,159,626	5,837,511	6,022,800	+ 185,289
Difference ..	..	- 61,323	..	+ 246,612	..	+ 185,289	..

* The figures for 1894-95 reported in Board's Proceedings, dated 13th March 1896, No. 44, were revised with reference to the revised figures adopted by the Collector of Ganjam.

4. As compared with the previous year, there was a decrease of 61,323 acres

	Increase.	Decrease.
	ACS.	ACS.
Rushikulya project ..	8,154	..
Ganjam minor rivers system ..	1,623	..
Godavari anikat ..	..	61,486
Kistna do. ..	..	5,678
Pennér do. ..	..	4,483
Sangam do. ..	1,196	..
Kurnool-Cuddapah canal ..	..	1,455
Cumbum tank ..	..	177
Chembrambakam tank ..	..	232
Madras water-supply and irrigation extension project ..	167	..
Vallur anikat ..	..	876
Palar do. ..	1,152	..
Cheyaru do. ..	5,748	..
Poincy do. ..	..	734
Pelandorai do. ..	..	214
Lower Coleroon anikat ..	..	2,827
Shatitope do. ..	277	..
Vridhachalam do. ..	..	129
Mehmattur do. ..	109	..
Tirukkoyilur do. ..	..	1,748
Cauvery do. ..	1,114	..
Nandiyar channel ..	5,342	..
Srivaikuntam anikat ..	..	4,401
Marudur do. ..	..	1,929
Thadapalli channel ..	109	..
Arkenkota do. ..	..	49
Kalingarayan do. ..	..	300
Barur project ..	..	96
Total ..	24,991	86,314

ment. Under classes III and IV included under "other works," there was increase in all the districts except Bellary, Kurnool and Trichinopoly. The decrease in the former district is only apparent and is due to the transfer of some villages from the Rayadrug taluk to the newly-formed Kalyandrug taluk of the Anantapur district. The decrease in the Kurnool district is due to the unfavourable character of the season. The decrease in the Trichinopoly district is mainly due to the fact that the figures for 1894-95 include the irrigation under the Nandiyar channel, which is shown separately for the year under report.

(True Extract.)

(Signed) R. V. SRINIVASAR,
Secretary.

APPENDIX I.

COMPARATIVE statement of rainfall in each district.

Districts.	Average of five years ending 1894-95.		1894-95.		1895-96.	
	South-west monsoon.	North-east monsoon.	South-west monsoon.	North-east monsoon.	South-west monsoon.	North-east monsoon.
Ganjam ..	INCHES. 34.23	INCHES. 12.63	INCHES. 34.43	INCHES. 11.90	INCHES. 44.91	INCHES. 9.93
Vizagapatam ..	37.64	12.01	36.89	15.44	44.91	8.56
Godavari ..	27.93	14.60	24.40	15.19	36.83	10.86
Kistna ..	22.33	11.59	18.70	12.18	34.03	8.39
Nellore ..	12.51	18.18	12.89	18.56	14.39	16.55
Cuddapah ..	16.67	9.77	19.26	8.82	20.08	11.40
Anantapur ..	14.35	7.06	14.40	7.43	17.17	7.88
Bellary ..	15.50	7.37	15.62	6.45	19.75	7.23
Kurnool ..	20.47	7.89	19.92	8.53	18.44	7.68
Chingleput ..	18.97	18.77	22.27	20.26	19.52	28.24
North Arcot ..	15.07	14.23	19.06	11.44	21.86	17.98
South Arcot ..	18.47	20.35	23.01	16.49	24.88	32.22
Tanjore ..	15.63	23.07	15.34	19.83	20.28	34.31
Trichinopoly ..	15.00	17.03	17.04	10.46	22.28	18.92
Madura ..	11.29	18.97	12.75	16.52	14.83	21.25
Tinnevely ..	5.77	17.60	4.47	12.10	7.90	24.09
Coimbatore ..	11.76	12.74	12.35	9.23	17.33	12.58
Salem ..	19.31	11.04	21.36	9.43	25.71	12.79
Average ..	18.72	14.33	19.12	12.79	23.62	16.21

APPENDIX II.

COMPARATIVE statement of rainfall in each month of the year 1895-96.

Months.	Rainfall.		
	Average of five years ending 1894-95.	1894-95.	1895-96.
April ..	INCHES. 1.12	INCHES. 1.61	INCHES. 1.84
May ..	1.52	1.50	1.92
June ..	3.11	1.94	2.84
July ..	3.73	3.52	4.22
August ..	4.83	5.93	5.63
September ..	4.41	4.62	7.17
Total of South-west monsoon ..	18.72	19.12	23.62
October ..	7.06	7.68	9.41
November ..	4.55	4.01	2.93
December ..	1.26	0.93	3.48
January ..	0.22	0.03	0.18
February ..	0.51	0.12	..
March ..	0.73	0.02	0.21
Total of North-east monsoon ..	14.33	12.79	16.21
Total for the year ..	33.05	31.91	39.83

APPENDIX III COMPARATIVE statement of Irrigation and Rainfall for the years 1894-95 and 1895-96 in the Madras Presidency.

Works.	Items.	Area of the district in acres.	Cultivable area in acres.	Cultivated area in acres.	Area irrigated.						Whole year, 1895-96.				Percent- age of increase or decrease in 1895-96.	Monsoon.	Rainfall.			
					Sown from April to Novem- ber 1895, i.e., 1st crop.			Sown from December 1895 to March 1896, i.e., 2nd crop.			In comparison with 1894-95.		In comparison with 1894-95.				Percent- age of increase or decrease in 1895-96.	1894-95.	1895-96.	1895-96.
					Total acres.	In comparison with 1894-95.		Total acres.	In comparison with 1894-95.		Total acres.	In comparison with 1894-95.								
						Increase.	De- crease.		Increase.	De- crease.		Increase.	De- crease.	Increase.						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19		
Ganjām. • Rashikulya project.	Government land.	..	..	..	20,981	5,008	..	40	..	..	20,321	5,016	..	+ 33-03	..	..	..	..		
	Inam land	..	..	..	9,250	4,717	1,609	..	..	..	9,250	4,717	1,609	+ 104-06	..	..	..	..		
	Zemindari land ..	..	..	..	4,908	..	..	..	..	..	4,908	..	..	- 24-69	..	..	..	..		
	Total ..	..	..	..	34,439	8,116	..	40	..	..	34,479	8,154	..	+ 30-97	..	..	..	..		
• Ganjām mi- nor rivers system.	Government land.	..	..	..	22,343	55	..	3,782	778	..	33,125	833	..	+ 2-58	..	..	..	..		
	Inam land	..	..	..	10,417	543	..	1,295	247	..	11,622	790	..	+ 7-29	..	..	..	..		
	Zemindari land ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
	Total ..	..	..	..	39,760	598	..	4,987	1,025	..	44,747	1,623	..	+ 3-76	..	..	..	..		
Other works.	Government land.	..	..	..	118,442	..	..	6,323	1,735	..	124,765	..	..	- 0-79	..	..	..	..		
	Inam land	..	..	..	33,853	8,315	..	811	..	..	34,664	8,205	..	+ 31-01	..	..	..	..		
	Zemindari land ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
	Total ..	..	..	..	152,295	5,689	..	7,134	1,625	..	159,429	7,214	..	+ 4-74	..	..	..	..		
Total ..	Government land.	2,841,075	488,148	396,834	168,065	2,337	..	10,145	2,561	..	178,211	4,888	..	+ 2-82	South-west monsoon.	34-43	44-91	+ 30-44		
	Inam land	260,849	136,281	127,178	63,620	13,575	..	2,016	137	..	55,536	13,712	..	+ 32-79	North-east monsoon.	11-90	9-93	- 16-65		
	Zemindari land ..	2,245,286	..	4,908	4,908	..	1,609	..	..	..	4,908	..	1,609	- 24-69	..	..	..	..		
	Total ..	5,356,160	574,432	528,940	226,494	14,303	..	12,161	2,688	..	238,655	16,991	..	+ 7-67	..	46-33	64-81	+ 18-37		
Vizagapatam.	Government land.	302,938	176,625	168,761	64,278	12,640	..	23,879	1,142	..	88,157	13,682	..	+ 18-37	South-west monsoon.	36-89	44-91	+ 21-74		
	Inam land	163,377	51,033	55,431	26,833	2,724	..	8,990	..	125	35,823	2,599	..	+ 7-82	North-east monsoon.	15-44	8-56	- 44-56		
	Zemindari land	313,611	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
	Total ..	779,956	227,558	224,192	91,111	15,264	..	32,869	1,017	..	123,980	16,281	..	+ 15-12	..	52-33	63-47	+ 2-18		

Goddavari.	{	Government land.	..	..	253,955	..	47,833	53,821	12,139	..	337,776	..	35,694	..	..	..	..	..	
		Inam land	..	..	156,599	..	30,366	39,672	9,757	..	196,271	..	20,009	..	..	..	..	..	
		Zemindari land ..	..	..	135,009	..	13,743	29,993	8,560	..	156,002	..	5,183	..	..	..	..	..	
		Total ..	..	..	586,563	..	91,942	123,486	30,456	..	690,049	..	61,486	..	..	..	..	..	
Other works.	{	Government land.	..	..	58,778	12,525	..	2,180	..	377	60,958	12,148	..	..	..	..	..	..	
		Inam land	..	..	23,796	4,036	..	1,227	..	106	25,023	8,930	..	..	..	..	..	..	
		Zemindari land ..	..	..	..	..	..	663	..	..	..	..	..	..	..	..	..	..	
		Total ..	..	..	82,774	15,898	..	3,407	..	483	86,181	15,415	..	..	..	..	..	..	
Total ..	{	Government land.	2,488,003	1,144,116	793,370	..	35,308	55,001	11,762	..	398,734	..	23,546	..	24-40	36-83	+ 50-94	..	
		Inam land ..	656,931	550,354	462,870	180,395	..	26,330	40,899	9,651	..	221,294	..	16,679	..	7-01	10-86	- 28-51	..
		Zemindari land ..	1,883,546	824,152	334,935	126,209	..	14,406	29,993	8,560	..	156,202	..	5,846	..	3-61	..	..	..
		Total ..	5,028,480	2,528,622	1,591,175	649,337	..	76,014	126,893	29,973	..	776,230	..	46,071	..	5-60	47-69	+ 20-46	..
Kistna.	{	Government land.	..	..	241,799	..	51,788	55,503	53,760	..	297,302	1,972	..	..	..	..	..	..	
		Inam land	..	..	96,005	..	6,915	764	87	..	96,769	..	6,908	..	..	..	..	..	
		Zemindari land ..	..	..	96,169	..	770	..	28	..	96,197	..	742	..	..	..	..	..	
		Total ..	..	..	433,973	..	59,503	56,295	53,825	..	490,268	..	5,678	..	..	..	..	..	
Kistna ani- kat.	{	Government land.	..	..	36,784	4,967	..	2,532	..	8-1	39,316	4,086	..	..	..	..	..	..	
		Inam land	..	..	4,855	1,746	..	194	..	1-3	5,049	1,593	..	..	..	..	..	..	
		Zemindari land ..	..	..	4,835	420	..	2,901	..	7-07	7,736	..	287	..	..	..	..	..	
		Total ..	..	..	46,474	7,133	..	5,627	..	1,741	52,101	5,392	..	..	..	..	..	..	
Other works.	{	Government land.	..	..	278,583	..	46,821	58,035	52,879	..	336,618	6,058	..	..	..	..	..	..	
		Inam land	..	..	100,860	..	5,199	958	..	..	116	101,818	..	5,315	..	4-96	8-39	- 31-12	..
		Zemindari land ..	..	..	101,004	..	350	2,929	..	..	679	103,933	..	1,029	..	0-98	..	..	..
		Total ..	..	..	480,447	..	52,370	61,922	52,084	..	..	542,369	..	286	..	0-05	42-42	+ 37-37	..
Nellore.	{	Government land.	..	..	40,147	..	..	6,568	..	3,742	46,715	..	4,576	..	..	..	..	..	
		Inam land	..	..	13,650	..	215	2,646	..	..	600	16,296	..	385	..	2-31	..	..	..
		Zemindari land ..	..	..	310	..	..	168	..	..	..	478	..	..	..	..	..	..	..
		Total ..	..	..	54,107	..	309	9,392	..	4,174	63,489	..	4,483	..	..	6-60	..	..	..
Sangam ani- kat.	{	Government land.	..	..	63,817	..	1,233	8,828	2,235	..	62,675	1,003	..	..	..	..	..	..	
		Inam land	..	..	9,710	..	478	1,609	671	..	..	11,319	..	193	..	1-63	..	..	..
		Zemindari land ..	..	..	..	..	..	..	..	..	..	..	..	..	..	1-73	..	..	..
		Total ..	..	..	63,557	..	1,711	10,437	2,907	..	..	73,994	1,196	..	..	+ 1-64	..	..	..

* The increase or decrease has been calculated with reference to the revised figures adopted by the Collector for 1894-95.

Comparative statement of Irrigation and Rainfall for the years 1894-95 and 1895-96 in the Madras Presidency—cont.

		Area irrigated.					Rainfall.																
Works.	Items.	Area of the district in acres.	Cultivable area in acres.	Cultivated area in acres.	Sown from December 1895 to March 1896, i.e., 2nd crop.					Whole year, 1895-96.					Percent- age of increase or decrease in 1895-96.	Monsoon.	1894-95, 1895-96.	17	18	19			
					In comparison with 1894-95.		Total.	Increase.	De- crease.	ACS.	ACS.	ACS.	Increase.	De- crease.							ACS.	ACS.	ACS.
					Total acres.	Increase.																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19					
Tinnevely— cont. Other works.	Government land.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.					
	Inam land	..	..	..	89,174	16,754	..	173,018	26,320	..	262,192	43,074	..	19-06	..	..	..	..					
	Zemindari land ..	..	..	..	7,813	1,295	..	17,389	3,269	5	25,202	4,564	..	22-11	..	..	..	..					
	Total	..	..	..	1,784	95	..	4,089	..	..	5	5,873	90	..	1-56	..	..	..					
Total ..	Government land.	..	..	..	98,771	18,144	..	194,466	29,584	..	293,267	47,728	..	19-44	..	..	..	..					
	Inam land	1,898,660	1,558,708	1,257,219	128,490	16,995	..	192,187	20,016	..	315,677	37,011	..	13-28	South-west monsoon.	4-47	7-30	+ 78-73					
	Zemindari land ..	269,759	245,089	157,606	9,215	1,155	..	18,692	3,157	..	27,847	4,312	..	18-32	North-east monsoon.	12-10	24-09	+ 99-09					
	Total	928,950	842,390	160,008	1,802	100	..	4,948	..	25	6,750	75	..	1-12	..	..	..	..					
Chindalore.	Government land.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.					
	Inam land	..	..	..	12,822	11	..	554	114	..	13,376	125	..	0-94	..	..	..	..					
	Zemindari land ..	..	..	..	650	..	..	35	12	..	665	..	..	2-35	..	..	..	..					
	Total	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..					
Thadapalli channel.	Government land.	..	..	..	13,452	..	17	689	126	..	14,041	109	..	0-78	..	..	..	..					
	Inam land	..	..	..	3,689	..	58	166	19	..	8,855	..	49	1-26	..	..	..	..					
	Zemindari land ..	..	..	..	160	2	..	8	..	..	168	..	..	..	..	..	..	..					
	Total	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..					
Arkankottai channel.	Government land.	..	..	..	3,849	..	56	174	17	..	4,023	..	49	1-20	..	..	..	..					
	Inam land	..	..	..	9,842	154	..	8,473	..	459	18,315	..	305	1-64	..	..	..	..					
	Zemindari land ..	..	..	..	1,570	31	..	1,299	..	26	2,869	..	..	0-17	..	..	..	..					
	Total	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..					
Kalingaroyen anikat.	Government land.	..	..	..	11,412	185	..	9,772	..	485	21,184	..	300	1-40	..	..	..	..					
	Inam land	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..					
	Zemindari land ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..					
	Total	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..					

Other works.	Government land. Inam land Zemindari land																																																																																																																																																																																																																																																																																																																																									
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* Vide remark against Ganjam.

(Signed) R. V. SRINIVASIAH,
Secretary.

No. 182 I.

Submitted to Government.

7th October 1896.

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

ORDER—No. 839 I., dated 20th October 1896.

The statement of irrigation and rainfall for 1895-96, received from the Board of Revenue, will be forwarded to the Government of India.

[Here enter No. 840 I., dated 20th October 1896.]

(True Extract.)

(Signed) W. HUGHES,
Joint Secy. to Government,
Irrigation Branch.To the Chief Engineer for Irrigation.
„ Superintending Engineers.
„ the Revenue Department.

ENDORSEMENT—No. 840 I., dated 20th October 1896.

Forwarded.

(By order.)

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

OCTOBER.

IRRIGATION.
ACCOUNT.Government {1896} of Madras.
PUBLIC WORKS.

Recd.

Enclosures

1896.

Regd.

Spare copies

G.O., No. 839 I., 20th October 1896.

OCTOBER.

Irrigation and Rainfall

Ordered that the statement of — for 1895-96, received from the Board of Revenue, be forwarded to the Government of India.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Irrigation.
Account.

READ—the following papers:—

Proceedings of the Board of Revenue (Revenue Settlement, Land Records and Agriculture), dated 30th September 1896, No. 248, Press.

Read—Comparative statements of irrigation and rainfall for the years 1894-95 and 1895-96 submitted by Collectors.

Resolution—dated 30th September 1896, No. 248, Press.

The Board resolves to forward to the Chief Engineer for Irrigation the comparative statement of irrigation and rainfall for the official year 1895-96.

2. The season was generally favourable except in Nellore and parts of Kurnool and North Arcot. The average rainfall for the whole presidency, excluding Madras, where the lands are charged with quit-rent, and the two West-Coast districts and the Nilgiris, where there are no irrigation works, was 39.83 inches against 31.91 inches in 1894-95 and 33.05, the average of five years ending 1894-95. The south-west monsoon was late in some districts, but the total quantity of rain registered under it was more or less above the average in all the districts except Kurnool. The north-east monsoon was quite up to the average except in the Northern Circars and Nellore. The rains under this monsoon were particularly heavy in Chingleput, South Arcot, Tanjore and Tinnevely. The Gódávári began to rise in June attaining a maximum height of 10.1 feet above the crest of the anikat on the 18th August. No damage was caused to any of the works. The Kistna was in freshes about the middle of June; the maximum height attained was 12.55 feet above the crest of the anikat on the 14th August. In consideration of the loss of crop occasioned by the floods in Tanuku, Bhímavaram and Narsapur taluks in Gódávári, the ryots were allowed to take water for second crop without reference to the date fixed under the delta water-rate rules. In Kistna, the rainfall was heaviest in September, a cyclone having burst on the 5th of the month. This and the heavy floods brought down by the jungle streams of Budameru and Ramaleru, breached several irrigation sources and injured the crops all over the district more or less, large areas of low-lying lands in Gudiváda and Répalle having suffered most. The freshes in the Pennér in Nellore were unusually late during the year, and this affected the early wet cultivation and incidentally the second crop to a large extent. The freshes in the Cauvery were timely and sufficient. In the Tambraparni in Tinnevely, the supply in the earlier months was deficient, and lands under the Srívaikuntam anikat suffered considerably during the first-crop season. At the end of December, on the other hand, there was unusually heavy rain throughout the district and all the rivers were in freshes. There were breaches in the Tambraparni banks and channels and in several other channels and tanks, and some damage was caused to crops.

No. 839 I., 20TH OCTOBER 1896.

Statements showing the rainfall in each district during each monsoon of the year under report compared with the previous year and the average of five years ending 1894-95, as also the details for each month, are appended.

3. The following abstract shows the area actually irrigated from Government sources in 1895-96, as compared with 1894-95 :—

	Anikat and other important works—Classes I and II.		Other works—Classes III and IV.		Total.		Difference.
	1894-95.	1895-96.	1894-95.	1895-96.	1894-95.	1895-96.	
	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.
Government land ..	* 2,123,908	2,091,094	* 2,444,450	2,637,361	4,568,358	4,728,455	+ 160,097
Inam land ..	* 534,905	513,471	* 450,740	497,619	985,645	1,011,090	+ 25,445
Zemindari land ..	265,684	258,609	17,824	24,646	283,508	283,255	— 253
Total ..	* 2,924,497	2,863,174	* 2,913,014	3,159,626	5,837,511	6,022,800	+ 185,289
Difference ..	..	— 61,323	..	+ 246,612	..	+ 185,289	..

* The figures for 1894-95 reported in Board's Proceedings, dated 13th March 1896, No. 44, were revised with reference to the revised figures adopted by the Collector of Ganjām.

4. As compared with the previous year, there was a decrease of 61,323 acres

	Increase.	Decrease.
	ACS.	ACS.
Rushikulya project ..	8,154	..
Ganjām minor rivers system ..	1,623	..
Gódvári anikat ..	..	61,486
Kistna do. ..	..	5,678
Pennér do. ..	..	4,483
Sangam do. ..	1,196	..
Kurnool-Cuddapah canal ..	..	1,455
Oumbum tank ..	..	177
Chembrambakam tank ..	..	232
Madras water-supply and irrigation extension project ..	167	..
Vallur anikat ..	..	376
Pálár do. ..	1,152	..
Cheyáru do. ..	5,748	..
Poincy do. ..	..	734
Pelandorai do. ..	..	214
Lower Coleroon anikat ..	..	2,827
Shatiatope do. ..	277	..
Viddháchalam do. ..	..	129
Mehmattur do. ..	109	..
Tirukkóyilur do. ..	..	1,748
Cauvery do. ..	1,114	..
Nandiyar channel ..	5,342	..
Srivaikuntam anikat ..	..	4,401
Marudur do. ..	..	1,929
Thadapalli channel ..	109	..
Arkenkota do. ..	..	49
Kalingaroyan do. ..	..	300
Barur project ..	..	96
Total ..	24,991	86,314

ment. Under classes III and IV included under "other works," there was increase in all the districts except Bellary, Kurnool and Trichinopoly. The decrease in the former district is only apparent and is due to the transfer of some villages from the Rayadrug taluk to the newly-formed Kalyandrug taluk of the Anantapur district. The decrease in the Kurnool district is due to the unfavourable character of the season. The decrease in the Trichinopoly district is mainly due to the fact that the figures for 1894-95 include the irrigation under the Nandiyar channel, which is shown separately for the year under report.

(True Extract.)

(Signed) R. V. SRINIVASIAH,
Secretary.

APPENDIX I.

COMPARATIVE statement of rainfall in each district.

Districts.	Average of five years ending 1894-95.		1894-95.		1895-96.	
	South-west monsoon.	North-east monsoon.	South-west monsoon.	North-east monsoon.	South-west monsoon.	North-east monsoon.
	INCHES.	INCHES.	INCHES.	INCHES.	INCHES.	INCHES.
Ganjām ..	34.23	12.63	34.43	11.90	44.91	9.93
Vizagapatam ..	37.64	12.01	36.89	15.44	44.91	8.56
Gódvári ..	27.93	14.60	24.40	15.19	36.83	10.86
Kistna ..	22.33	11.59	18.70	12.18	34.03	8.39
Nellore ..	12.51	18.18	12.89	18.56	14.39	16.55
Cuddapah ..	16.67	9.77	19.26	8.82	20.08	11.40
Anantapur ..	14.35	7.06	14.40	7.43	17.17	7.88
Bellary ..	15.50	7.37	15.62	6.45	19.75	7.23
Kurnool ..	20.47	7.89	19.92	8.53	18.44	7.68
Chingleput ..	18.97	18.77	22.27	20.26	19.52	28.24
North Arcot ..	19.07	14.23	19.06	11.44	21.86	17.98
South Arcot ..	18.47	20.35	23.01	16.49	24.88	33.22
Tanjore ..	15.63	25.07	15.34	19.83	20.28	34.31
Trichinopoly ..	15.00	17.03	17.04	10.46	22.28	18.92
Madura ..	11.29	18.97	12.75	16.52	14.83	21.25
Tinnevely ..	5.77	17.60	4.47	12.10	7.90	24.09
Coimbatore ..	11.76	12.74	12.35	9.23	17.33	12.58
Salem ..	19.31	11.04	21.36	9.43	25.71	12.79
Average ..	18.72	14.33	19.12	12.79	23.62	16.21

APPENDIX II.

COMPARATIVE statement of rainfall in each month of the year 1895-96.

Months.	Rainfall.		
	Average of five years ending 1894-95.	1894-95.	1895-96.
	INCHES.	INCHES.	INCHES.
April ..	1.12	1.61	1.84
May ..	1.52	1.50	1.92
June ..	3.11	1.94	2.84
July ..	3.73	3.52	4.22
August ..	4.83	5.93	5.63
September ..	4.41	4.92	7.17
Total of South-west monsoon ..	18.72	19.12	23.62
October ..	7.06	7.68	9.41
November ..	4.55	4.01	2.93
December ..	1.26	0.93	3.48
January ..	0.22	0.03	0.18
February ..	0.51	0.12	..
March ..	0.73	0.02	0.21
Total of North-east monsoon ..	14.33	12.79	16.21
Total for the year ..	33.05	31.91	39.83

APPENDIX III. COMPARATIVE statement of Irrigation and Rainfall for the years 1894-95 and 1895-96 in the Madras Presidency.

Works.	Items.	Area of the district in acres.	Cultivable area in acres.	Cultivated area in acres.	Area irrigated.						Rainfall.							
					Sown from April to November 1895, i.e., 1st crop.			Sown from December 1895 to March 1896, i.e., 2nd crop.			Whole year, 1895-96.							
					In comparison with 1894-95.		Total acres.	In comparison with 1894-95.		Total acres.	In comparison with 1894-95.		Monsoon.	1894-95.	1895-96.	Percent- age of increase or decrease in 1895-96.		
					Increase.	De- crease.		Increase.	De- crease.		Increase.	De- crease.						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Ganjām.	Government land.	..	..	..	20,281	* 5,008	..	..	..	..	20,321	* 5,046	..	..	..	..	..	..
	Inam land.	..	..	..	9,250	* 4,717	..	..	..	..	9,250	* 4,717	..	..	..	..	..	..
	Zemindari land.	..	..	..	4,908	..	1,609	..	..	..	4,908	..	1,609	..	..	..	..	..
	Total ..	..	..	..	34,439	8,116	..	..	..	..	34,479	8,154	..	..	..	..	..	..
Ganjām minor rivers system.	Government land.	..	..	..	29,343	55	..	3,782	778	..	33,125	833	..	..	..	..	..	..
	Inam land.	..	..	..	10,417	* 643	..	1,205	247	..	11,622	* 790	..	..	..	..	..	..
	Zemindari land.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Total ..	..	..	..	39,760	698	..	..	4,987	1,025	..	44,747	1,623	..	..	..	..	..
Other works.	Government land.	..	..	..	118,442	..	..	6,323	1,735	..	124,765	* 991	..	..	..	..	..	..
	Inam land.	..	..	..	33,853	* 8,315	..	811	..	..	34,664	* 8,265	..	..	..	..	..	..
	Zemindari land.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Total ..	..	..	..	152,295	5,589	..	..	7,134	1,625	..	159,429	7,214	..	..	..	..	..
Total ..	Government land.	2,841,075	438,148	396,854	168,066	2,337	..	10,146	2,551	..	178,211	4,888	..	2 82	South-west monsoon.	34 43	44 91	30 44
	Inam land	269,849	156,284	127,178	53,620	13,576	..	2,016	137	..	55,536	13,712	..	32 79	North-east monsoon.	11 90	9 93	16 55
	Zemindari land ..	2,245,236	..	4,908	4,908	..	1,609	..	..	..	4,908	..	1,609	..	..	..	..	..
	Total ..	5,386,160	574,432	538,940	226,494	14,303	..	..	12,161	2,688	..	238,655	16,991	..	7 67	..	54 81	18 37
Vizagapatam.	Government land.	302,938	176,526	168,761	64,278	11,640	..	23,879	1,142	..	88,167	13,682	..	18 37	South-west monsoon.	36 89	44 91	21 74
	Inam land	163,377	51,033	55,431	26,833	2,724	..	8,990	..	125	35,823	2,599	..	7 82	North-east monsoon.	15 44	8 66	44 56
	Zemindari land	319,411	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Total ..	779,956	227,558	224,192	91,111	15,264	..	..	32,869	1,017	..	123,986	16,281	..	15 12	..	53 47	24 18

Goddavari anikar.	Government land.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Inam land.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Zemindari land.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Total ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Other works.	Government land.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Inam land.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Zemindari land.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Total ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Kistna.	Government land.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Inam land.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Zemindari land.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Total ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Other works.	Government land.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Inam land.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Zemindari land.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Total ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	Government land.	3,511,060	..	..	2,402,582	278,583	..	..	..	..	..	..	..	..	..	..	..	..
	Inam land.	847,736	..	..	687,857	100,860	..	..	..	..	..	..	..	..	..	..	..	..
	Zemindari land.	962,197	..	..	345,353	101,004	..	..	..	..	..	..	..	..	..	..	..	..
	Total ..	5,350,993	..	..	3,435,792	480,447	..	..	..	..	..	..	..	..	..	..	..	..
Nallare.	Government land.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Inam land.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Zemindari land.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Total ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Pennér anikar.	Government land.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Inam land.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Zemindari land.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Total ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Sangam anikar.	Government land.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Inam land.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Zemindari land.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Total ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

* The increase or decrease has been calculated with reference to the revised figures adopted by the Collector for 1894-95.

Comparative statement of Irrigation and Rainfall for the years 1894-95 and 1895-96 in the Madras Presidency—*cont.*

Comparative statement of Irrigation and Rainfall for the years 1891-95 and 1895-96 in the Madras Presidency—cont.

Works.	Items.	Area of the district in acres.	Cultivable area in acres.	Cultivated area in acres.	Area irrigated.					Rainfall.									
					Sown from April to November 1895, i.e., 1st crop.					Whole year, 1895-96.					Percent- age of increase or decrease in 1895-96.				
					Total acres.	In comparison with 1894-95. Increase.	De- crease.	Total acres.	In comparison with 1894-95. Increase.	De- crease.	Total acres.	In comparison with 1894-96. Increase.	De- crease.	Total acres.	In comparison with 1894-96. Increase.	De- crease.	1894-95, 1895-96. Monsoon.	17	18
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
South Arcot— cont. Tirukkōyilūr snikat.	Government land.	..	..	..	21,886	..	3,700	10,292	1,871	..	ACS.	32,178	..	1,829	— 5-38	..	..	..	..
	Inam land	..	..	..	1,346	..	249	822	330	..	ACS.	2,168	..	..	+ 3-88	..	..	..	..
	Zemindari land	..	..	..	..	..	..	..	..	..	ACS.	..	..	..	..	..	..	..	..
	Total	..	..	..	23,232	..	3,949	11,114	2,201	..	ACS.	34,346	..	1,748	— 4-84	..	..	..	..
Other works.	Government land.	..	..	..	223,510	..	1,384	103,116	21,621	..	ACS.	326,626	20,237	..	+ 6-61	..	..	..	..
	Inam land	..	..	..	15,478	435	..	4,958	851	..	ACS.	20,436	1,286	..	+ 6-72	..	..	..	..
	Zemindari land	..	..	..	19	..	..	..	..	..	ACS.	19	..	..	..	..	..	..	..
	Total	..	..	..	239,007	..	949	108,074	22,472	..	ACS.	347,081	21,523	..	+ 6-61	..	..	..	..
Total	Government land.	3,158,997	1,846,994	1,246,663	380,422	..	6,192	129,821	22,359	..	ACS.	510,243	16,167	..	+ 3-27	South-west monsoon.	23-01	24-88	+ 8-13
	Inam land	156,843	142,293	73,168	27,711	..	93	7,860	917	..	ACS.	35,571	824	..	+ 2-37	North-east monsoon.	16-49	33-22	+101-46
	Zemindari land	22,400	13,979	3,502	19	..	..	..	..	..	ACS.	19	..	..	..	..	39-50	58-10	+ 47-09
	Total	3,338,240	2,003,266	1,323,333	408,152	..	6,285	137,681	23,276	..	ACS.	545,833	16,991	..	+ 3-21	..	..	..	..
Tanjore.	Government land.	..	..	..	750,902	8,822	..	90,952	..	8,722	ACS.	841,854	100	..	+ 0-01	..	..	..	..
	Inam land	..	..	..	101,651	2,494	..	14,120	..	1,480	ACS.	116,771	1,014	..	+ 0-88	..	..	..	..
	Zemindari land	..	..	..	..	..	..	..	..	..	ACS.	..	..	..	..	..	..	..	..
	Total	..	..	..	852,553	11,316	..	105,072	..	10,202	ACS.	957,625	1,114	..	+ 0-12	..	..	..	..
Upper ani- kat.	Government land.	..	..	..	42,347	1,836	..	7,185	276	..	ACS.	49,532	2,112	..	+ 4-45	..	..	..	..
	Inam land	..	..	..	2,744	..	..	1,247	611	..	ACS.	3,991	346	..	+ 9-49	..	..	..	..
	Zemindari land	..	..	..	..	..	..	..	..	..	ACS.	..	..	..	..	..	..	..	..
	Total	..	..	..	45,091	1,871	..	8,432	887	..	ACS.	53,523	2,478	..	+ 4-81	..	..	..	..

Total	Government land.	Inam land	Zemindari land..	Total	1,581,621	1,207,772	1,026,914	793,249	10,658	98,137	8,446	891,386	2,212	..	+ 0.25	15-34	20.28 + 32.20		
																		South-west monsoon.	North-east monsoon.
Total	Government land.	Inam land	Zemindari land..	Total	2,375,680	1,661,399	1,298,788	897,644	12,887	113,504	9,315	1,011,148	3,572	..	+ 0.35	35-17	54.59 + 55.22		
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Total	Government land.	Inam land	Zemindari land..	Total	2,375,680	1,661,399	1,298,788	897,644	12,887	113,504	9,315	1,011,148	3,572	..	+ 0.35	35-17	54.59 + 55.22		
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																		South-west monsoon.	North-east monsoon.
Total	Government land.	Inam land	Zemindari land..	Total	2,375,680	1,661,399	1,298,7												

Comparative statement of Irrigation and Rainfall for the years 1894-95 and 1895-96 in the Madras Presidency—cont.

Works.	Items.	Area of the district in acres.	Cultivable area in acres.	Cultivated area in acres.	Area irrigated.										Rainfall.					
					Sown from April to November 1895, i.e., 1st crop.					Sown from December 1895 to March 1896, i.e., 2nd crop.					Whole year, 1895-96.			Percent- age of increase or decrease in 1895-96.	1894-95.	1895-96.
					In comparison with 1894-95.		Total acres.	In comparison with 1894-95.		Total.	In comparison with 1894-95.		Total.	Increase.	De- crease.	Increase.	De- crease.			
					Total acres.	De- crease.		Total acres.	De- crease.		Total acres.	De- crease.								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19		
Travancely — cont.	Government land. Inam land .. Zemindari land .. Total ..	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.		
		1,898,660	1,558,708	1,257,219	123,490	16,995	..	192,187	20,016	..	315,677	37,011	..	..	..	..	..	..		
		269,759	245,089	157,606	9,215	1,155	..	18,632	3,157	..	27,847	4,312	..	..	..	..	..	..		
		928,950	842,390	160,008	1,802	100	..	4,948	..	25	6,750	75	..	..	..	..	..	..		
Total ..		3,097,369	2,646,187	1,571,833	131,507	18,250	..	215,767	23,148	..	350,274	41,398	..	..	..	..	..			
	Government land. Inam land .. Zemindari land .. Total ..	..	..	..	12,822	11	..	554	114	..	13,376	125	..	..	..	..	..			
		..	..	..	630	..	28	..	35	12	..	665	..	16	..	..	..			
		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..			
..		..	..	13,452	..	17	..	589	126	..	14,041	109	..	..	..	..				
Thadepalli channel.	Government land. Inam land .. Zemindari land .. Total ..	..	..	..	3,689	..	68	166	19	..	3,855	..	49	..	..	..	..			
		..	..	..	160	..	2	..	8	..	2	168	..	..	..	..	..			
		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..			
		..	..	..	3,849	..	86	..	174	17	..	4,023	..	49	..	..	..			
Arankottai channel.	Government land. Inam land .. Zemindari land .. Total ..	..	..	..	9,842	154	..	8,473	..	459	18,315	..	365	..	..	..	..			
		..	..	..	1,579	31	..	1,299	..	26	..	2,669	..	..	..	..	..			
		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..			
		..	..	..	11,412	185	..	9,772	..	485	..	21,184	..	360	..	..	..			
Kalingaroyen anikat.	Government land. Inam land .. Zemindari land .. Total ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..			
		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..			
		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..			
		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..			

Other works.	Government land. Inam land Zemindari land ..	3,907 183 ..	62,804 6,292 ..	19,278 2,458 ..	3,392 684 ..	82,082 8,750 ..	7,299 897 ..	+ 9-76 + 11-00 ..				
Total ..	Government land Inam land .. Zemindari land ..	4,090 4,004 188 ..	69,096 89,157 8,652 ..	21,736 28,471 3,800 ..	4,076 3,066 668 ..	90,832 117,628 12,452 ..	8,166 7,070 856 ..	+ 9-88 + 6-39 + 7-38 ..				
Salem.	Government land. Inam land .. Zemindari land ..	4,192 ..	97,809 ..	32,271 ..	3,734 ..	130,080 ..	7,926 ..	+ 6-49 ..				
Barr pro- ject.	Government land. Inam land .. Zemindari land ..	80 ..	2,243 182 ..	878 82 ..	..	3,121 264 ..	..	71 25 ..	- 2-22 - 8-65 ..			
Other works.	Government land. Inam land .. Zemindari land ..	65 ..	2,425 ..	960 ..	..	3,385 ..	..	96 ..	- 2-76 ..			
Total ..	Government land. Inam land .. Zemindari land ..	14,319 773 92 ..	110,535 8,451 380 ..	22,571 1,838 24 ..	1,061 .. 5 ..	13,106 10,289 354 ..	15,380 670 97 ..	+ 13-06 + 6-97 + 37-74 ..				
Total ..	Government land. Inam land .. Zemindari land ..	15,184 ..	119,316 ..	24,433 ..	963 ..	143,749 ..	16,147 ..	+ 12-65 ..				
Total ..	Government land. Inam land .. Zemindari land ..	14,399 ..	112,778 ..	23,449 ..	910 ..	136,227 ..	15,309 ..	+ 12-66 ..				
Total anikat.	Government land. Inam land .. Zemindari land ..	15,249 ..	121,741 ..	25,393 ..	802 ..	147,134 ..	16,051 ..	+ 12-24 ..				
All other works.	Government land. Inam land .. Zemindari land ..	113,430 ..	1,877,908 ..	759,453 ..	79,451 ..	2,637,361 ..	* 192,911 ..	+ 7-89 ..				
Grand Total.	Government land. Inam land .. Zemindari land ..	22,696 ..	19,886,765 ..	1,087,492 ..	137,461 ..	4,728,455 ..	160,097 ..	+ 3-50 ..				
Total ..	Government land. Inam land .. Zemindari land ..	14,889 ..	4,691,315 ..	1,331,485 ..	170,400 ..	6,092,800 ..	185,289 ..	+ 3-17 ..				

* Vide remark against Ganjam.

(Signed) R. V. SRINIVASIAH,
Secretary.

No. 182 I.

Submitted to Government.

7th October 1896.

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

ORDER—No. 839 I., dated 20th October 1896.

The statement of irrigation and rainfall for 1895-96, received from the Board of Revenue, will be forwarded to the Government of India.

[Here enter No. 840 I., dated 20th October 1896.]

(True Extract.)

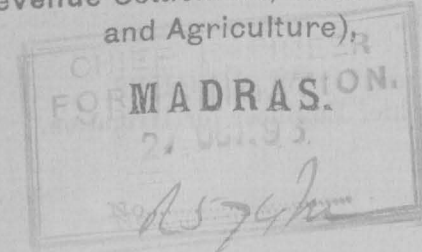
(Signed) W. HUGHES,
Joint Secy. to Government,
Irrigation Branch.

To the Chief Engineer for Irrigation.
„ Superintending Engineers.
„ the Revenue Department.

1896.

Board of Revenue

(Revenue Settlement, Land Records
and Agriculture),



Printed, October 23rd.

Proceedings, 30th Sept. 1896, No. 248.

Comparative Statement of Irrigation and Rain-
fall.—Forwarding to the Chief Engineer for Irri-
gation the — for the official year 1895-96.

PROCEEDINGS OF THE BOARD OF REVENUE
(REVENUE SETTLEMENT, LAND RECORDS AND AGRICULTURE).

READ—the following papers :—

From the Collector	of	dated	16th July 1896, No. 2679-Dis.
"	of Arcot, North	" 5th Aug.	" 103-Ref. on Per.
"	of "	" 18th Sept.	" 3094-Dis. Ver.
"	of Arcot, South	" 27th July	" 1476-Ver.
"	of Bellary	" 14th "	" 2549-Dis.
"	of "	" 17th Sept.	" 3398-Dis.
"	of Chingleput	" 30th July	" 2152-Dis.
"	of Coimbatore	" 15th Aug.	" 2728-Dis. Rev.
"	of Cuddapah	" 3rd Sept.	" 4288-Dis. Rev.
"	of Ganjám	" 14th Aug.	" 1553-Dis. Ver.
"	of Górávari	" 30th "	" 2408-Ver.
"	of Kistna	" 13th "	" 3425-Dis. Ver.
"	of Kurnool	" 28th July	" 1093-Dis. Ver.
"	of Madura	" 3rd Sept.	" 281-Ref. on C. Pdl.
"	of Nellore	" 1st Aug.	" 2956-Ver.
"	of Salem	" 18th July	" 3723.
"	of Tanjore	" 16th Aug.	" 2790-Rev.
"	of Tinnevely	" 22nd "	" 21-Dis. Tour.
"	of Trichinopoly	" 15th July	" 222-R. C. Rev. Pdl.
"	of "	" 17th Sept.	" 1583-Dis. Rev.
"	of Vizagapatam	" 24th July	" 112-Pl.

RESOLUTION—dated 30th September 1896, No. 248.

The Board resolves to forward to the Chief Engineer for Irrigation the comparative statement of irrigation and rainfall for the official year 1895-96.

2. The season was generally favourable except in Nellore and parts of Kurnool and North Arcot. The average rainfall for the whole Presidency excluding Madras, where the lands are charged with quit-rent, and the two West Coast districts and the Nilgiris, where there are no irrigation works, was 39.83 inches against 31.91 inches in 1894-95 and 33.05 the average of five years ending 1894-95. The south-west monsoon was late in some districts, but the total quantity of rain registered under it was more or less above the average in all the districts except Kurnool. The north-east monsoon was quite up to the average except in the Northern Circars and Nellore. The rains under this monsoon were particularly heavy in Chingleput, South Arcot, Tanjore and Tinnevely. The Górávari began to rise in June attaining a maximum height of 10.1 feet above the crest of the anikat on the 18th August. No damage was caused to any of the works. The Kistna was in freshes about the middle of June; the maximum height attained was 12.55 feet above the crest of the anikat on the 14th August. In consideration of the loss of crop occasioned by the floods in Tanuku, Bhímavaram and Narsapur taluks in Górávari, the ryots were allowed to take water for second crop without reference to the date fixed under the Delta Water-rate Rules. In Kistna, the rainfall was heaviest in September, a cyclone having burst on the 5th of the month. This and the heavy floods brought down by

the jungle streams of Budameru and Ramaleru breached several irrigation sources and injured the crops all over the district more or less, large areas of low-lying lands in Gudiváda and Répalle having suffered most. The freshes in the Pennér in Nellore were unusually late during the year, and this affected the early wet cultivation and incidentally the second crop to a large extent. The freshes in the Cauvery were timely and sufficient. In the Tambraparni in Tinnevely, the supply in the earlier months was deficient, and lands under the Srivaikuntam anikat suffered considerably during the first-crop season. At the end of December, on the other hand, there was unusually heavy rain throughout the district and all the rivers were in freshes. There were breaches in the Tambraparni banks and channels and in several other channels and tanks, and some damage was caused to crops. Statements showing the rainfall in each district during each monsoon of the year under report compared with the previous year and the average of five years ending 1894-95, as also the details for each month are appended.

3. The following abstract shows the area actually irrigated from Government sources in 1895-96 as compared with 1894-95:—

	Anikat and other important works—Classes I and II.		Other works—Classes III and IV.		Total.		Difference.
	1894-95.	1895-96.	1894-95.	1895-96.	1894-95.	1895-96.	
Government land ..	ACS. 2,123,908	ACS. 2,091,094	ACS. 2,444,450	ACS. 2,637,361	ACS. 4,568,358	ACS. 4,728,455	ACS. + 160,097
Inam ..	534,905	513,471	450,740	497,619	985,645	1,011,090	+ 25,445
Zemindari ..	265,644	258,609	17,324	24,646	283,508	283,255	- 253
Total ..	2,924,497	2,863,174	2,913,014	3,159,626	5,837,511	6,022,800	+ 185,289
Difference ..	..	61,323	..	+ 246,612	..	+ 185,289	..

* The figures for 1894-95 reported in Board's Proceedings, dated 13th March 1896, No. 44, were revised with reference to the revised figures adopted by the Collector of Ganjám.

4. As compared with the previous year, there was a decrease of 61,323 acres under classes I and II works and an increase of 246,612 acres under other works resulting in a net increase of 185,289 acres under all classes of works. The decrease under classes I and II is the net result of a gross increase of 24,991 acres under the Rushikulya Project, Ganjám Minor Rivers System, Madras Water Supply and Irrigation Extension Project, Sangam, Pálár, Cheyar, Shatiatope, Mehmattur and Cauvery anikats and Nandyar and Tadapalli channels, and a gross decrease of 86,314 acres on the remaining works, as shown in the margin. The bulk of the decrease occurs under the Gódávári anikat and is due to relinquishment of irrigation for large areas of wet lands in the Delta taluks owing to enhancement of water-rate especially in the Bhímavaram and Tanuku taluks. The decrease would have been larger but for the fact that the time for application for water was extended up to 25th August and several ryots taking advantage of this concession, withdrew their previous application for relinquishment. Under classes III and

	Increase.	Decrease.
	ACS.	ACS.
Rushikulya Project ..	8,154	..
Ganjám Minor Rivers System ..	1,623	..
Gódávári anikat ..	..	61,486
Kistna ..	..	5,678
Pennér ..	..	4,483
Sangam ..	1,196	..
Kurnool-Cuddapah canal ..	..	1,455
Cumbum tank ..	..	177
Chembrampakkam tank ..	..	232
Madras Water-Supply and Irrigation Extension Project ..	167	..
Vallur anikat ..	..	376
Pálár ..	1,152	..
Cheyar ..	5,748	..
Poiny ..	..	734
Pelandorai ..	..	214
Lower Coleroon anikat ..	..	2,827
Shatiatope anikat ..	277	..
Vriddhachalam anikat ..	..	129
Mehmattur anikat ..	109	..
Tirukkóvilúr ..	..	1,748
Cauvery ..	1,114	..
Nandyar channel ..	5,342	..
Srivaikuntam anikat ..	..	4,401
Marudur anikat ..	..	1,929
Tadapalli channel ..	109	..
Arakankottai channel ..	..	49
Kalingarayan ..	..	300
Barur Project ..	..	96
Total ..	24,991	86,314

IV included under "other works" there was increase in all the districts except Bellary, Kurnool and Trichinopoly. The decrease in the first named district is only apparent and is due to the transfer of some villages from the Rayadrug taluk to the newly formed Kalyandrug taluk of the Anantapur district. The decrease in the Kurnool district is due to the unfavourable character of the season. The decrease in the Trichinopoly district is mainly due to the fact that the figures for 1894-95 include the irrigation under the Nandyar channel, which is shown separately for the year under report.

(True Extract.)

(Signed) R. V. SRINIVASIAH,
Secretary.

(True Copy.)

(Signed) I. SARABHALINGAM NAIDU,
First Assistant.

To the Chief Engineer for Irrigation.

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

APPENDIX I.

COMPARATIVE statement of rainfall in each district.

Districts.	Average of five years ending 1894-95.		1894-95.		1895-96.	
	South-west monsoon.	North-east monsoon.	South-west monsoon.	North-east monsoon.	South-west monsoon.	North-east monsoon.
	INCHES.	INCHES.	INCHES.	INCHES.	INCHES.	INCHES.
Ganjám ..	34.23	12.63	34.43	11.90	44.91	9.93
Vizagapatam ..	37.64	12.01	36.89	15.44	44.91	8.56
Gódávári ..	27.93	14.60	24.40	15.19	36.83	10.86
Kistna ..	22.33	11.59	18.70	12.18	34.03	8.39
Nellore ..	12.51	18.18	12.89	18.56	14.39	16.55
Cuddapah ..	16.67	9.77	19.26	8.52	20.08	11.40
Anantapur ..	14.35	7.06	14.40	7.43	17.17	7.88
Bellary ..	15.50	7.37	15.62	6.45	19.75	7.23
Kurnool ..	20.47	7.89	19.92	8.53	18.44	7.68
Chingleput ..	18.97	18.77	22.27	20.26	19.52	28.24
North Arcot ..	19.07	14.23	19.06	11.44	21.86	17.98
South Arcot ..	18.47	20.35	23.01	16.49	24.88	33.22
Tanjore ..	15.63	26.07	15.34	19.83	20.28	34.31
Trichinopoly ..	15.00	17.03	17.04	10.46	22.28	18.92
Madura ..	11.29	18.97	12.75	16.52	14.83	21.25
Tinnevely ..	5.77	17.60	4.47	12.10	7.90	24.09
Coimbatore ..	11.76	12.74	12.35	9.23	17.33	12.58
Salem ..	19.31	11.04	21.36	9.43	25.71	12.79
Average ..	18.72	14.33	19.12	12.79	23.62	16.21

APPENDIX II.

COMPARATIVE statement of rainfall in each month of the year 1895-96.

Months.	Rainfall.		
	Average of five years ending 1894-95.	1894-95.	1895-96.
	INCHES.	INCHES.	INCHES.
April	1.12	1.61	1.84
May	1.52	1.50	1.92
June	3.11	1.94	2.84
July	3.73	3.52	4.22
August	4.83	5.93	5.63
September	4.41	4.62	7.17
Total, south-west monsoon ..	18.72	19.12	23.62
October	7.06	7.68	9.41
November	4.55	4.01	2.93
December	1.26	0.93	3.48
January	0.22	0.03	0.18
February	0.51	0.12	..
March	0.73	0.02	0.21
Total, north-east monsoon ..	14.33	12.79	16.21
Total for the year ..	33.05	31.91	39.83

APPENDIX III.
COMPARATIVE statement of irrigation and rainfall for the years 1894-95 and 1895-96 in the Madras Presidency.

Works.	Items.	Area of the district.	Area Irrigated.										Rainfall.										
			Cultivable area.		Cultivated area.		Sown from April to November 1895, i.e., 1st crop.				Sown from December 1895 to March 1896, i.e., 2nd crop.				Whole year 1895-96.		Percent- age of increase or decrease in 1895-96.	1894-95.	1895-96.	Percent- age of increase or decrease in 1895-96.			
			4	5	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.					ACS.	ACS.	ACS.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19					
Ganjam.	Rushikulya Project.*	Government land. Inam land Zemindari land Total	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	33-03 + 101-05 - 24-69	..	..	..	..				
			..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..				
			..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..				
			..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..				
Ganjam Minor Rivers System.*	Government land. Inam land Zemindari land Total	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	2-58 + 7-29 - ..	..	..	..	..					
		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..					
		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..					
		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..					
Other works	Government land. Inam land Zemindari land Total	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	0-79 - 31-01 + ..	..	..	..	..					
		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..					
		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..					
		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..					
Total	Government land. Inam land Zemindari land Total	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	4-74 + 2-82 + 32-79 - 24-69	..	..	..	..					
		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..					
		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..					
		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..					
Vissapattam.	Government land. Inam land Zemindari land Total	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	7-67 + 18-37 + 7-82 - ..	..	..	..	..					
		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..					
		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..					
		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..					

* The increase or decrease has been calculated with reference to the revised figures adopted by the Collector for 1894-95.

Comparative statement of irrigation and rainfall for the years 1894-95 and 1895-96 in the Madras Presidency—*cont.*

Comparative statement of irrigation and rainfall for the years 1894-95 and 1895-96 in the Madras Presidency—*cont.*

Comparative statement of irrigation and rainfall for the years 1894-95 and 1895-96, &c.—*cont.*

28.46	26.12	- 8.19
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are charged with giving



Proceedings of the Board of Revenue
(Revenue Settlement, Land Records and Agriculture),
Dated 30th September 1896.
No. 248 Pass.

READ *Comparative Statements of Irrigation and Rainfall for the years 1894-95 and 1895-96, submitted by Collectors*

Resolution:

The Board resolves to forward to the Chief Engineer for Irrigation the comparative statement of irrigation and rainfall for the office year 1895-96. The season was generally favourable except in Kollore and parts of Tanjore and North Arcot. The average rainfall for the whole Presidency excluding Madras, where the lands are charged with quit-rent

Comparative statement of irrigation and rainfall for the years 1894-95 and 1895-96, &c.—cont.

Works.		Items.	Area of the district.	Area Irrigated.										Rainfall.					
				Cultivable area.	Cultivated area.	Sown from April to November 1895, i.e., 1st crop.		Sown from December 1895 to March 1896, i.e., 2nd crop.		Whole year 1895-96.		Monsoon.	1894-95. 1895-96.	Percent- age of increase or decrease in 1895-96.					
						In comparison with 1894-95.		In comparison with 1894-95.		In comparison with 1894-96.									
						Total.	Increase.	Total.	De-crease.	Total.	Increase.				De-crease.				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
Salem.	Barur Pro- ject.	Government land.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	INCHES.	INCHES.	..
		Inam land.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		Zemindari land.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		Total	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Other works.	Total	Government land.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	..	..	..
		Inam land.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		Zemindari land.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		Total	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total anikat.	Total	Government land.	3,449,541	1,731,857	1,436,983	112,778	14,399	23,449	910	..	..	136,227	15,309	..	..	12-61	21-36	25-71	+ 20-37
		Inam land	388,019	155,508	55,846	8,633	758	1,920	..	..	113	10,553	645	..	..	6-51	9-43	12-79	+ 35-63
		Zemindari land	1,080,819	..	354	330	92	24	5	..	..	354	97	..	..	37-74	..	..	..
		Total	4,818,379	1,887,365	1,493,162	121,741	15,249	28,393	802	..	..	147,134	16,051	..	..	12-24	..	30-79	38-50
All other works.	Total	Government land.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		Inam land	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		Zemindari land	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		Total	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Grand Total.	Total	Government land.	48,767,575	27,972,155	19,886,765	3,640,993	22,696	..	1,087,492	137,401	..	4,728,455	100,097	..	..	3-50	19-12	23-62	+ 25-54
		Inam land	8,056,428	6,652,079	4,842,618	807,250	2,237	203,840	23,208	..	..	1,011,090	25,445	..	..	2-58	12-79	16-21	+ 26-74
		Zemindari land	16,172,423	3,978,695	808,376	243,102	..	40,153	9,791	..	..	283,255	..	253	..	0-09	..	..	..
		Total	72,936,426	37,702,929	25,532,759	4,691,315	14,889	1,331,455	170,400	..	..	6,022,500	185,589	..	..	3-17	..	31-61	39-83

• Vide remark against Ganjam.

and the two West Coast districts and the Nilgiris, where there are no irrigation works, was 39.83 inches against 31.91 inches in 1894-95 and 33.05; the average of five years ending 1894-95. The South West Monsoon was late in some districts, but the total quantity of rain registered under it was more or less above the average in all the districts except Kurnool. The North-East Monsoon was quite up to the average except in the Northern Circars and Bellary. The rains under this monsoon were particularly heavy in Chingleput, South Arcot, Tanjore and Tinnevely. The Godavari began to rise in June attaining a maximum height

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2 P
height of 10.1 feet above the crest of the ainkat on the 18th August. No damage was caused to any of the works. The dista was in freshes about the middle of June. The maximum height attained was 12.55 feet above the crest of the ainkat on the 14th August. In consideration of the loss of crop occasioned by the floods in Tanuku, Bhi-mavarani and Narsapur taluks in Godavari, the ryots were allowed to take water for second crop without reference to the date fixed under the delta Water-rate Rules. In dista, the rainfall was

heaviest in September, a
Cyclone having burst on
the 5th of the month. This
and the heavy floods brought
down by the jungle streams
of Budanin and Ramaleu,
breached several irrigation
sources and injured the
crops all over the district,
more or less, large areas
of low-lying lands in
Indriada and Repalle having
suffered most. The freshes
in the Penner in Nellore were
unusually late during the
year and this affected the
early wet cultivation and
incidentally the second crop
to a large extent. The
freshes in the Cauvery were
timely and sufficient. In

839-40

In the Tambapanni in Tinnevely,
the supply in the earliest months ³⁰
was deficient, and lands under
the Arivaitkentan Anicut suffered
considerably during the first
crop season. At the end of December,
on the other hand, there was
unusually heavy rain throughout
the districts and all the
rivers were in freshes. There were
breaches in the Tambapanni
banks and channels and in
several other channels and tanks
and some damage was caused
to crops.

Statements showing the
rainfall in each district during
each monsoon of the year
under report compared with the
previous year and the average of
five years ending 1894-95, as also
the details for each month are
appended.

3. The following abstract shows
the area actually irrigated from
Government sources in 1895-96, as
compared with 1894-95:—

Ancient and other irrigation works Classes I and II	1894-95	1895-96	1896-95	1895-96	1894-95	1895-96	Total	Difference
Government	2,123,908	2,091,094	2,444,450	2,637,361	4,508,308	4,728,455	+ 160,097	
Land	534,905	513,471	450,740	497,619	985,645	1,011,090	+ 25,445	
Zamindari	265,694	258,609	17,824	24,646	283,508	283,255	- 253	
Total	2,924,497	2,863,174	2,913,014	3,159,626	5,837,511	6,022,800	+ 185,289	
Difference		- 61,323		+ 246,612				

* The figures for 1894-95 reported in Board's Proceedings of 13-3-96 were revised with reference to the revised figures adopted by the Collector of Ganjam.

4. As compared with the previous year, there was a decrease of 61,323 acres under classes I and II works and an increase of 246,612 acres under other works resulting in a net increase of 185,289 acres under all classes of works. The decrease

	Increase.	Decrease.
Acres	Acres	
Rushikulya Project	8154	"
Ganjam Minor Rivers System	1623	"
Godavari ancient	"	61486
Kistna do	"	5678
Pennar do	"	4483
Saugan do	1196	"
Kurnool-Buddapatti canal	"	1455
Chimbrum tank	"	177
Chembampakkem tank	"	232
Madras Water supply + irrigation Extension Project	167	"
Vallur ancient	"	376
Palar Ancient	1152	"
Chengam do	5748	"
Poingy do	"	734
Pedandurai do	"	214
Lower Coleroon do	"	2827
Shatihatope do	277	"
Vridhachallan do	"	129
Mehimattur do	109	"
Zirukogilur do	"	1748
Chaverry do	1114	"
Nandiyar channel	5342	"
Privaikuntam Ancient	"	4401
Marudur do	"	1929
Zadapalli channel	109	"
Arattankottai do	"	49
Kalinguroya do	"	300
Pravara Project	"	96
	24,991	86,314

Under classes I and II is the net result of a gross increase of 24,991 acres under the Rushikulya project, Ganjam minor Rivers system, Madras water supply and irrigation extension project, Saugan Palar, Chengam, Shatihatope, Mehimattur and Chaverry ancient and Nandiyar and Zadapalli channels and a gross decrease of 86,314 acres on the remaining works, as shown in the margin. The bulk of the decrease occurs under the Godavari ancient and is due to relinquishment of irrigation for large areas of wet land in

in the Delta taluks owing to enhancement of water-rate, especially in the Bhimavaram and Tanuku taluks. The decrease would have been larger but for the fact that the time for application for water was extended up to 25th August and several ryots taking advantage of this concession, withdrew their previous applications for relinquishment. Under classes III and IV included under "other works", there was increase in all the Districts except Bellary and Trichinopoly. The decrease in the former District is only apparent and is due to the transfer of some villages from the Royadurg taluk to the newly formed Kalyanadurg taluk of the Anantapur District. The decrease in the Trichinopoly District is mainly due to the fact that the figures for 1894-95 include the irrigation under the Nandiyar Channel, which is shown separately for the year under report.

(True extract)

R. V. Srinivasan

To the Chief Engineer for Irrigation, with 10 copies to the Collectors of all districts except "South Canara, Nilgiris & Malabar"

Public Works (1896) Department.

No 839-40

Recd
CURRENT No. 5746

Order

From

The Board of Revc.
(Revc. Settlement and Revenue)

No. 248 Press

Dated 30th Sept 1896

Received

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SUBJECT.

Comparative statements of
Irrigation and Rainfall
forwarded to the Chief Eng.
for Irrigation the — for
the official year 1895-96

BACK PAPERS.

FURTHER PAPERS.

Appendix I

Comparative statement of rainfall in each district.

	Average of fine years ending 1894-95		1894-95		1895-96	
District	South-west monsoon	North-east monsoon	South-west monsoon	North-east monsoon	South-west monsoon	North-east monsoon
Gangam	34.28	12.63	34.43	11.90	44.91	9.93
Vizagapatam	37.64	12.01	36.89	15.44	44.91	8.56
Godavari	27.93	14.60	24.40	15.19	36.83	10.86
Kistna	22.33	11.59	18.70	12.18	34.03	8.39
Nellore	12.51	18.18	12.89	18.56	14.39	16.55
Buddapah	16.67	9.77	19.26	8.82	20.08	11.40
Anantapur	14.35	7.06	14.40	7.43	17.17	7.88
Bellary	15.50	7.37	15.62	6.45	19.75	7.23
Kurnool	20.47	7.89	19.92	8.53	18.44	7.68
Chingleput	18.97	18.77	22.27	20.26	19.52	28.24
North-Arch	19.07	14.23	19.06	11.44	21.86	17.98
South-Arch	18.47	20.35	23.01	16.49	24.88	33.22
Tanjore	15.63	26.07	15.34	19.83	20.28	34.31
Tiruchinopoly	15.00	17.03	17.04	10.46	22.28	18.92
Madurai	11.29	18.97	12.75	16.52	14.83	21.25
Tinnevely	5.77	17.60	4.47	12.10	7.90	24.09
Chimbatore	11.76	12.74	12.35	9.23	17.33	12.58
Salem	19.31	11.04	21.36	9.43	25.71	12.79
Average	18.72	14.33	19.12	12.79	23.62	16.21

L.V. Samiwascan
Secretary

Excels
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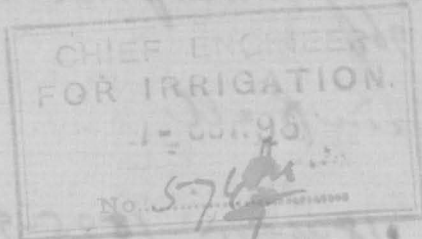
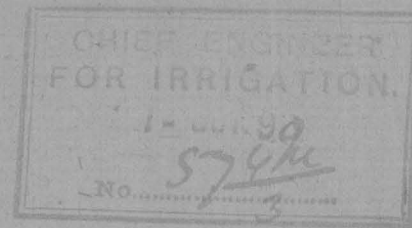


Appendix II 1894-1895 4
Comparative Statement of rainfall in each month of the
years 1894-95-96

Months	Rainfall		
	Average of five years ending 1894-95	1894-95	1895-96
April	1.12	1.61	1.84
May	1.52	1.50	1.92
June	3.11	1.94	2.84
July	3.73	3.52	4.22
August	4.83	5.93	5.63
September	4.41	4.62	7.17
Total of South- west monsoon	18.72	19.12	23.62
October	7.06	7.68	9.41
November	4.55	4.01	2.93
December	1.26	0.93	3.48
January	0.22	0.03	0.18
February	0.51	0.12	"
March	0.73	0.02	0.21
Total of North-east monsoon	14.33	12.79	16.21
Total for the year	33.05	31.91	39.83

R. O. Samidarian
Secretary

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2018



Appendix III
Comparative statement
of
Irrigations and Rainfall
for
1895-96.

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Ganjam

Rushikulya Project	Government Land	-	-	20,281	5,008	-
	Naam	-	-	9,250	4,717	-
	Jemindari	-	-	4,908	-	1,609

Total - - - 34,439 8,116 -

Ganjam Rivers System	Government Land	-	-	29,343	55	-
	Naam	-	-	10,417	543	-
	Jemindari	-	-	-	-	-

Total - - - 39,760 598 -

Other works	Government Land	-	-	118,442	-	2,726
	Naam	-	-	33,853	8,315	-
	Jemindari	-	-	-	-	-

Total - - - 152,295 5,589 -

Total	Government Land	2,841,075	438,148	396,854	168,066	2,337	-
	Naam	269,849	136,284	127,178	53,520	13,575	-
	Jemindari	224,523	-	4,908	4,908	-	1,609

Total 5,356,160 574,432 528,940 226,494 14,303 -

40	38	-	20,321	5,046	-	+33.03
-	-	-	9,250	4,717	-	+104.06
-	-	-	4,908	-	1,609	-24.69

40 38 - 34,479 8,154 - +30.97

3,782	778	-	33,125	833	-	+2.68
1,205	247	-	11,622	790	-	+7.29

4,987 1,025 - 44,747 1,623 - +3.76

6,323	1,735	-	124,765	-	991	-0.79
811	-	110	34,664	8,205	-	+31.01

7,134 1,625 - 159,429 7,214 - +4.74

10,145	2,551	-	178,211	4,888	-	+2.82	South West Mansarovar North East Mansarovar
2,016	137	-	55,536	13,712	-	+32.79	
-	-	-	4,908	-	1,609	-24.69	

12,161 2,688 - 238,655 14,991 - +7.67 = 46.33 54.84 +18.37

The increase or decrease has been calculated with reference to the revised figures adopted by the Com. for 1894-95

Kizhappadi Government Lands 30,2938 176,525 188,761 64,278 12,540
 Inam " 163,377 51,033 55,431 26,833 2724
 Jemindari " 313,641

Total 779,956 227,558 224,192 91,111 15264

Godavari Government Lands - - - 28,3955 - 47,833
 Godavari Inam " - - - 156,599 - 30,366
 Alichal Jemindari " - - - 126,009 - 13,743

Total - - - 566,563 - 91,942

Government Lands - - - 58,778 12,525 -
 Other works Inam " - - - 23,796 4,036 -
 Jemindari " - - - 200 - 663

Total - - - 82,774 15,898

Government Lands 2,488,003 1,144,116 793,370 342,733 - 35,308
 Inam " 656,931 560,352 462,870 180,395 - 26,330
 Jemindari " 1,883,546 824,152 334,935 126,209 - 14,406

Total 5,028,480 2,528,622 1,591,175 649,337 - 76,044

23,879 1142 - 88,157 13,682 - + 18.3 South West 36.89 44.91 + 21.74
 8990 - 125 35,823 2,599 - + 7.82 North East 15.46 8.56 - 44.56

32,869 1017 - 123,980 16,281 - + 15.12 - 52.33 53.47 + 2.18

53,821 12,139 - 337,776 - 35,694 - 9.56
 39,672 9,757 - 196,271 - 20,609 - 9.50
 29,993 8,560 - 156,002 - 5,183 - 3.22

123,486 30,456 - 690,049 - 61,486 - 8.18

2,180 - 377 60,958 12,148 - + 24.89
 1,227 - 106 25,023 3,930 - + 18.63
 - - 200 - 663 - 76.83

3,407 - 483 86,181 15,415 - + 21.78

56,001 11,762 - 398,734 - 23,546 - 5.58 South West 24.40 36.83 + 50.94
 40,899 9,651 - 221,294 - 16,679 - 7.01 North East 15.19 10.86 - 28.51
 29,993 8,560 - 156,202 - 5,846 - 3.61

126,893 29,973 - 776,230 - 46,071 - 5.60 - 39.59 47.69 + 20.46

Kishu Government Land		-	-	241,799	-	51,788
Kishu anikah	Swam	"	-	96,005	-	6,945
	Jemindari	"	-	96,169	-	770

Total - - - 433,973 - 59,503

Government Land		-	-	36,784	4,967	-
Other work	Swam	"	-	4,855	1,746	-
	Jemindari	"	-	4,835	420	-

12

Total - - - 46,474 7,133 -

Government Land		3,541,060	2,402,582	1,646,178	278,583	-	46,821
Total	Swam	"	847,736	687,867	516,377	100,860	5,199
	Jemindari	"	962,197	345,353	235,286	101,004	350

Total 5,350,993 3,435,792 2,397,841 680,447 - 52,370

55,503	53,760	-	297,302	1,972	-	+ 0.67	-	-	-
164	57	-	96,769	-	6,908	- 6.66	-	-	-
28	28	-	96,197	-	742	- 0.77	-	-	-

56,295 53,825 - 490,268 - 5,678 - 1.14

2,532	-	881	39,316	4,086	-	+ 11.60	-	-	-
194	-	153	5,049	1,593	-	+ 46.09	-	-	-
2,901	-	707	7,736	-	287	- 3.58	-	-	-

13

5,627 - 1,741 52,101 5,392 - + 11.54

58,035	52,879	-	336,618	6,058	-	+ 1.83	South West Monsoon 18.70 34.03 + 81.98		
958	-	116	101,818	-	5,315	- 4.96	North East Monsoon 12.18 8.39 - 31.12		
2,929	-	679	103,933	-	1,029	- 0.98	-	-	-

61,922 52,084 - 542,369 - 286 - 0.05 - 30.88 42.42 + 37.37

Nellore Government Lands		40,147	834
Punier Anikhat	Jaam	13,650	215
	Jamindari	310	310

Total		54,107	309
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Government Lands		53,847	1,233
Sangam Shikhat	Jaam	9,710	478
	Jamindari		

Total		63,557	1,711
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Government Lands		95,249	6,833
Ashw works	Jaam	26,690	1,396
	Jamindari	831	78

Total		122,770	8,307
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Total	Government Lands	2,600,056	1,509,900	719,821	189,243	4,766
	Jaam	634,504	586,593	322,829	50,050	1,133
	Jamindari	2375,040		1,311	1,141	388

Total		5,609,600	2,016,493	1,243,961	240,434	6,287
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8,568	3,742	46,715	4,576	8.92
2,646	600	16,296	385	2.81
168	168	478	478	

9,382	4,174	63,489	4,483	6.60
-------	-------	--------	-------	------

8,828	2,236	62,675	1,003	+ 1.63
1,609	671	11,319	193	+ 1.73

10,437	2,907	73,994	1,196	+ 1.64
--------	-------	--------	-------	--------

23,891	5,391	119,140	1,442	+ 1.23
7,264	1,778	33,954	382	1.11
2	5	833	73	+ 9.61

31,157	7,174	153,927	1,133	+ 0.74
--------	-------	---------	-------	--------

39,287	6,897	228,530	2,131	0.92	South Coast Monsoon	12.89	14.39	+ 11.64
11,619	1,707	61,569	574	0.92		18.56	16.55	- 10.83
170	163	1,311	551	+ 72.50				

50,976	8,441	291,410	2,154	0.73	31.45	30.94	- 1.62
--------	-------	---------	-------	------	-------	-------	--------

Buddapest Government Land 4,842,905 1,801,014 1,216,453 76,114 7460 -
 Inau " 732,869 652,826 452,968 42,780 2,886 -
 Gemeindari " - - - - -

Total 5,575,774 2,453,840 1,671,421 118,894 10,346

Münchener Government Land 2,923,981 2,097,256 1,257,527 66,888 2,209 -
 Inau " 570,953 526,514 370,436 15,108 - 935 -
 Gemeindari " - - - - -

16

Total 3,494,934 2,623,770 1,627,963 81,996 1274

Bellary Government Land 2,957,340 2,130,668 1,588,464 29,575 - 2,631 -
 Inau " 678,915 670,122 557,843 9,592 44 -
 Gemeindari " - - - - -

Total 3,636,255 2,800,790 2,146,307 39,167 2,587

3,068 2741 - 113,182 10,201 - + 9.91 } Southwest } 19.26 20.08 + 4.26
 16,842 - 1104 61,622 1,782 - + 2.98 } North East } 8.82 11.40 + 29.25
 Monsoon

55910 1637 - 174,804 11,983 - + 7.36 - 28.08 31.48 + 12.11

53,846 15,419 - 120,734 17,628 - + 17.10 } Southwest } 14.40 17.17 + 19.24
 16,998 5415 - 32,106 4,480 - + 16.22 } North East } 7.43 7.88 + 6.06
 Monsoon

17

70,844 20,834 - 152,840 22,108 - + 16.91 - 21.83 25.05 + 14.75

5010 1151 - 34,585 - 1480 - 4.10 } Southwest } 15.62 19.75 + 26.44
 1214 88 - 10,806 132 - + 1.24 } North East } 6.45 7.23 + 12.09
 Monsoon

6,224 1239 - 45,391 - 1348 - 2.88 - 22.07 26.98 + 22.25

5 4 2 5 4 4 5 6 4 4 4

Thurnwald	Government Land	-	-	14,733	-	462	4,171	-	493	18,904	-	955	-	4.81
Thurnwald	Same	"	"	6,566	-	334	2,133	-	166	8,699	-	500	-	5.44
Capal	Gemeindari	"	"	-	-	-	-	-	-	-	-	-	-	-

Total - - - - - 21,299 - 796

Lumbum	Government Land	-	-	3,767	-	4	3,091	49	-	6,858	45	-	+ 0.66	
Yank	Same	"	"	1,869	-	218	1,380	-	4	3,249	-	222	-	6.40
	Gemeindari	"	"	-	-	-	-	-	-	-	-	-	-	

Total - - - - - 5,636 - 222

Other towns	Government Land	-	-	30,803	328	-	11,112	-	592	41,915	-	264	-	0.63
	Same	"	"	19,389	-	530	5,192	-	100.3	24,581	-	1,533	-	5.87
	Gemeindari	"	"	-	-	-	-	-	-	-	-	-	-	

Total - - - - - 50,192 - 202

Total	Government Land	59,677	031,866	757,122	6373	49,303	-	138
	Same	841,257	804,270	631,183	27,824	-	1082	
	Gemeindari	-	-	-	-	-	-	

Total 4,808,960 2,671,027 1,857,556 77,127 - 1220

6	4,171	-	493	18,904	-	955	-	4.81
6	2,133	-	166	8,699	-	500	-	5.44

6,304 - 659 27,603 - 14,555 - 5.01

3,091	49	-	6,858	45	-	+ 0.66	
1,380	-	4	3,249	-	222	-	6.40

4,471 45 - 10,107 - 177 - 1.72

11,112	-	592	41,915	-	264	-	0.63
5,192	-	100.3	24,581	-	1,533	-	5.87

16,304 - 1,595 66,496 - 1,797 - 2.63

18,374	-	1036	67,677	-	1,174	-	1.71	South West 19.92 18.44 - 7.43
8705	-	1,173	36,529	-	2,255	-	5.81	North East 8.53 7.68 - 9.96

27,079 - 2,209 104,206 - 3,429 - 3.19 - 28.45 26.12 - 8.19

Chingleput Government Land					
Chimbram - baham - Louh	Swam			9,170	582
	Jemindari			1694	249

Total - - - - - 10,864 - 831

Madras Water supply and Irrigation Extension Project					
Government Land	Swam			5,393	85
	Jemindari			1,149	24
				137	4

Total - - - - - 6,679 57

Vallur amkat					
Government Land	Swam			2,042	46
	Jemindari			2,314	474

Total - - - - - 4,356 - 428

Other works					
Government Land	Swam			287,848	9435
	Jemindari			56,512	10,890
				7,536	5,749

Total - - - - - 351,896 26,074

Government Land		1,301,084	736,144	632,935	304,453	8984	-
Swam		275,865	230,876	125,416	61,669	10,143	-
	Jemindari	389,207	201,713	63,056	7,673	5,745	-

Total 1,966,156 1,168,733 821,407 373,795 24,872

3022 430 - 12,192 - 152 - 1.23

493 169 - 2,387 - 80 - 3.24

3715 599 - 14,579 - 232 - 1.57

2196 6 - 7,589 91 - + 1.21

469 104 - 1,618 80 - + 5.20

10 - 147 - 4 - 2.65

2,675 110 - 9,354 167 - + 1.82

50 - 53 2,092 - 7 - 0.33

200 105 - 2,514 - 369 - 12.80

250 152 - 4,606 - 376 - 7.55

78,893 14,035 - 366,741 23,470 - + 6.84

14,793 4,185 - 71,305 15,075 - + 26.81

2,079 1,767 - 9,615 7,516 - + 358.08

95,765 19,987 - 447,661 46,061 - + 11.22

84,161 14,418 - 388,612 23,402 - + 6.41

16,155 4,563 - 77,824 14,706 - + 23.21

2,089 1,767 - 9,762 7,512 - + 333.87

102,405 20,748 - 476,200 45,620 - + 10.60

South India } 22.27 19.52 - 12.35

North India } 20.26 28.24 + 39.39

42.53 47.76 + 12.30

be North Arch Government Land
 to Palas { Land " 52,894 151
 Anikat { Jemindari " 7,315 937

Total 60,209 14

Government Land
 Chygar { Land " 16,479 356
 Salikat { Jemindari " 1,831 186

Total 18,310 542

Government Land
 Poiney { Land " 15,227 1,383
 anikat { Jemindari " 663 141

Total 15,890 1,524

Government Land
 Asher Wicks { Land " 202,675 4,469
 Jemindari " 26,585 402

Total 229,260 4,871

Government Land 2,498,150 120,529 955,257 287,275 5,345
 Total { Land " 195,880 116,742 104,305 36,394 494
 Jemindari " 2,019,840

Total 4,713,870 1,322,033 1,059,562 323,669 5,839

2,095 969 74,929 11.20 +1.52
 3735 169 11,050 32 +0.29

25830 1138 86,039 11.52 +1.36

9233 4,624 25,712 4,980 +24.02
 918 582 2,749 768 +38.77

23

10,151 5,206 28,461 5,748 +25.31

7,526 728 22,753 655-2.80
 624 62 1287 79-5.78

8,150 790 24,040 734-2.96

102,439 11,402 305,114 6,933 +2.33
 13737 1,532 40,322 1,130 +2.88

116,176 12,934 345,436 8,063 +2.39

141,293 17,723 428,568 12,378 +2.97 South West { 19.06 21.86 +14.69
 19,014 2,345 55,408 1,851 +3.46 North East { 11.44 17.98 +57.17

160,307 20,068 483,976 14,229 +3.03 30.50 39.84 +30.62

Sulphur Creek Government Land		-	-	5,580	-	247	0
Palaurovai Anikah	Swam	"	-	714	110	-	-
	Remindari	"	-	-	-	-	-

Total - - - 6,294 - 137 ✓ ✓

Lower Coleroon Government Land		-	-	95,648	-	1263	-
Anikah	Swam	"	-	7,846	-	278	-
	Remindari	"	-	-	-	-	-

Total - - - 103,494 - 1,541 ✓ ✓

Shatitope Government Land		-	-	26,814	321	-	-
Anikah	Swam	"	-	1,952	-	79	-
	Remindari	"	-	-	-	-	-

Total - - - 28,766 242 ✓ ✓

Vridolha Government Land		-	-	4,555	26	-	-
Lam anikah	Swam	"	-	132	-	38	-
	Remindari	"	-	-	-	-	-

Total - - - 4,687 - 12 ✓ ✓

2260 - 79 7,840 - 326 - 3.99
257 2 - 971 112 - +13.04

2,517 - 77 8,811 - 214 - 2.37 ✓ ✓

8,772 - 998 104,420 - 2,261 - 2.12
1,457 - 288 9,303 - 566 - 5.74

10,229 - 1,286 113,723 - 2,827 - 2.43 ✓ ✓

2,951 9 - 29,765 330 - + 1.12
262 26 - 2,214 - 53 - 2.34

3,213 35 - 31,979 277 - + 0.87 ✓ ✓

1,787 - 104 6,342 - 78 - 1.21
51 - 13 183 - 51 - 21.79

1,838 - 117 6,525 - 129 - 1.94 ✓ ✓

7 8-21 5 5 5 5 4 4

5 4 4 4 4 4 4

South-East (cont.) Munnattur aunkhat	Government Land		2,429	58	-
	Saam		243	6	-
	Jemindari		-	-	-

Total - 2,672 61

Tirukkoyi lur aunkhat	Government Land		21,886	3,700	-
	Saam		1,346	249	-
	Jemindari		-	-	-

Total - 23,232 3,949

Other works	Government Land		223,510	1384	-
	Saam		15,478	435	-
	Jemindari		19	-	-

Total - 239,007 949

Total	Government Land		3,158,997	1,846,996	124,663	380,422	-	6,192
	Saam		156,843	142,293	73,68	27,711	-	93
	Jemindari		22,400	13,979	3,502	19	-	-

Total 3,338,240 2,003,266 1,323,333 408,152 6,285

643 39 - 3,072 94 - + 3.16

553 9 - 296 15 - + 5.34

696 48 - 3,368 109 - + 3.34

10,292 1,871 - 32,178 - 1829 - 5.38

822 380 - 2168 81 - + 3.88

11,114 2,201 - 34,346 - 1,748 - 4.84

103,116 21,621 - 326,626 20,237 - + 6.61

4958 851 - 20,436 1,286 - + 6.72

108,074 22,472 - 347,081 21,523 - + 6.61

129,821 22,359 - 570,243 16,167 - + 3.27

7860 917 - 35,571 824 - + 2.37

137,681 23,276 - 545,833 16,991 - + 3.21

South-East 23.01 24.88 + 8.13

North-East 16.49 33.22 + 101.46

39.50 58.10 + 47.09

Tanjore Government Lands - 750902 8822
Upper Saam - 101,651 2494
Amilkar Jemindari -

Total - 852553 11316

Other Government Lands - 42347 1836
Other Saam - 2744 - 265
Jemindari -

28

Total - 45091 1571

Total Government Lands 1581,621 1203772 1026914 793249 10,658
Saam " 606,284 457,627 271,874 104,395 2229
Jemindari " 187,775 - - - -

Total 2375,680 1661,399 1298,788 897,644 12,887

90,952 - 8722 841,854 100 - +0.01
 4,120 - 1480 115,771 1014 - +0.88

105072 - 10,202 957,625 1114 - +0.12

7185 276 - 49,532 2112 - +4.45
 1247 611 - 8991 346 - +9.49

29

8432 887 - 53,523 2458 - +4.81

98137 - 8446 891,386 2212 - +0.25
 15367 - 869 119,762 1360 - +1.15

15.34 20.28 + 32.20
 19.83 34.31 + 73.02

113504 - 9,315 1,011,148 3572 - +0.35 - 35.17 54.59 + 55.22

Trichingol Government Land - 82 - 3,252 3,252
 Nandrigal Inam " - 630 630
 Chaudel Jemindari " - - -

Total - 3,882 3,882

Government Land - 101,038 471
 Asher Wode Inam " - 8,625 - 517
 Jemindari " - 1 - 19

Total - 109,664 - 65

Total { Government Land 1,718,918 1,207,050 824,189 104,290 3,723 -
 Inam " 268,270 188,284 137,773 9,255 113 -
 Jemindari " 336,652 321,405 1 1 - 19

Total 2,323,840 1,716,739 961,963 113,546 3,817

Madura Government Land 204,322 1,259,819 967,717 181,066 31,056
 Inam " 217,898 203,280 139,746 34,364 1422
 Jemindari " 3370,240 1342,720 15 15 15

Total 5,631,360 2,803,819 1,107,478 215,445 32,493

1216 1216 - 4468 4468
 244 244 - 874 874

1460 1460 - 5342 5342

34,854 - 6,506 135,892 - 6,035 - 4.25

2868 43 - 11,493 - 474 - 3.96

- - - 1 - 19 - 95.00

31

37,722 - 6,463 147,386 - 6,528 - 4.24

36,070 - 5,290 140,360 - 1,567 - 1.10 South Coast 1704 22.28 + 30.75

3,112 287 - 12,367 400 - + 3.34 North Coast 10.46 18.92 + 80.88

- - - 1 - 19 - 95.00

39,182 - 5,003 152,728 - 1,186 - 0.77 27.50 41.20 + 49.82

52,258 - 7,067 233,324 23,989 - + 11.46 South Coast 12.75 14.83 + 16.31

7839 1,187 - 42,203 2,609 - + 6.59 North Coast 16.52 21.25 + 28.63

- - - 15 15 - - -

60,097 - 5,880 275,542 26,613 - + 10.69 29.27 36.08 + 23.27

Sinnarally Government Land		17,790	31	
Private	Swam	744	122	
	Swam	18	5	

Total 18,552 86

Government Land		16,526	210	
Marudur	Swam	658	18	
	Swam			

32

Total 17,184 192

Government Land		89,174	16,754	
Other Works	Swam	7,813	1,295	
	Swam	1784	95	

Total 98,771 18,144

Government Land		1898,660	1558,708	1257,219	123,490	16,995
Total	Swam	269,759	245,089	157,606	9,215	1,155
	Swam	928,950	842,390	160,008	1,802	100

Total 3,097,369 2,646,187 1,674,833 134,507 18,250

7,620	4,133	25,410	4,102	13.90
752	162	1,496	284	15.96
859	20	877	15	1.68

9,231 4,315 27,783 4,401 13.67

11,549	2,171	28,075	1,961	6.53
491	50	1,149	32	+2.86

33

12,040 2,121 29,224 1,929 6.19

17,3018	26,320	262,192	43,074	+19.66
17,389	3,269	25,202	4,564	+22.11
4,089	5	5873	90	+1.56

194,496 29,584 293,267 47,728 +19.44

192,187	20,016	315,677	37,011	+13.28	South Coast Mission 4.47	7.90	+76.73
18,632	3,157	27,847	4,312	+18.32	North Coast Mission 12.10	24.09	+99.09
4,948	25	6,750	75	+1.12			

215,767 23,148 350,274 41,398 +13.40 16.57 31.99 +93.06

Cimbatore Government Land	-	-	12,822	11	0
Shadapatti Land	-	-	630	-	28
channel	-	-	-	-	-
Jumindari	-	-	-	-	-

Total - - - - - 13,452 - - 17

Government Land	-	-	3,689	-	68
Land	-	-	160	2	-
channel	-	-	-	-	-
Jumindari	-	-	-	-	-

Total - - - - - 3,849 - - 66

Government Land	-	-	9,842	152	-
Land	-	-	4,570	31	-
channel	-	-	-	-	-
Jumindari	-	-	-	-	-

Total - - - - - 14,412 185 -

Government Land	-	-	62,804	3,907	-
Land	-	-	6,292	183	-
Jumindari	-	-	-	-	-

Total - - - - - 69,096 4,090

554 114 - 13,376 125 - + 0.94

35 12 - 665 - 16 - 2.35

589 126 - 14,941 109 - + 0.78

166 19 - 3,855 - 49 - 1.26

8 - 2 16.8

35

174 17 - 4,023 - 49 - 1.20

8,473 - 4,59 18,315 - 305 - 1.64

1,299 - 26 2,869 5 - + 0.17

9772 - 485 21,184 - 300 - 1.40

19,278 3,392 - 82,082 7,299 - + 9.76

2,458 684 - 8,750 867 - + 11.00

21,736 4,076 - 90,832 8,166 - + 9.88

Government Land 4,592,321 2757,554 2325107 89,157 4,004
 Total { Same " 331,219 316,527 277,770 8,652 188
 Jemindari " 106,880 86,983

Total 5,030,420 3,161,064 2,602,877 97,809 4,192

Lakur Government Land - - - 2,243 80 -
 Barur Project { Same " - - - 182 - 15
 Jemindari " - - - - -

36

Total - - - 2,425 65 -

Sherwood Government Land - - - 110,535 14,319 -
 Same " - - - 8,451 773 -
 Jemindari " - - - 330 92 -

Total - - - 119,316 15,184 -

Government Land 3,449,541 1,731,857 1,436,963 112,778 14,399
 Total { Same " 338,077¹⁹ 155,508 55,845 8,633 758
 Jemindari " 1030,819 - 354 330 92 -

Total 4,818,379 1,887,365 1,493,162 121,741 15,249

26,471 3066 - 117,628 7,070 - +6.37 South West 12.35 17.33 +40.32
 3800 668 - 12,452 856 - +7.38 North East 9.23 12.58 +36.29
 - - - - -

32,271 3,734 - 130,080 7,926 - +6.49 - 21.58 29.91 +38.14

878 - 151 3,121 - 71 - 2.22 -
 82 - 10 264 - 25 - 8.65 -

37

960 - 161 3,385 - 96 - 2.76 -

22,571 1061 - 133,106 15,380 - +13.06 -
 1838 - 103 10,289 670 - +6.97 -
 24 5 - 354 97 - +37.74 -

24,433 963 - 143,749 16,147 - +12.65 -

23,449 910 - 136,227 15,309 - +12.66 South West 21.36 26.71 +20.37
 1920 - 113 10,553 645 - +6.51 North East 9.43 12.79 +35.63
 24 5 - 354 97 - +37.74

25,393 802 - 147,134 16,051 - +12.24 - 30.79 38.50 +25.04

Total Government Lands	-	-	-	1763,055	-	95,734
Amkar {	Luar	"	-	437,490	-	31,259
	Jemindari	"	-	227,551	-	15,811

Total	-	-	-	2428,096	-	137,804
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All other works {	Government Lands	-	-	1,877,908	113,430	-
	Luar	"	-	369,760	33,496	-
	Jemindari	"	-	15,551	5,767	-

Total	-	-	-	2263,219	152,693	-
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Grand Total {	Government Lands	4,870,757	527,072	1,551,988	6765	364,096	322,696	-	
	Luar	"	8,056,428	665,207	948,426	18	807,250	22,37	-
	Jemindari	"	16,172,423	397,869	580,337	6	243,102	-	10,044

Total	72,936,426	37,702,929	26,532,759	4,691,315	14,889	-
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30/9/96

326,039	57,920	-	2,091,094	-	32,814	-1.54	-	-
75,981	9,825	-	513,471	-	21,434	-4.01	-	-
31,058	8,736	-	258,609	-	7,076	-2.66	-	-

435,078	76,481	-	2,863,174	-	61,323	-2.10	-	-
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759,453	79,481	-	2,637,361	192,911	-	+7.89	-	-
127,859	13,383	-	497,619	46,879	-	+10.40	-	-
9,095	1,055	-	24,646	6,822	-	+38.27	-	-

39

896,407	93,919	-	3,159,626	246,612	-	+8.47	-	-
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1,087,492	137,401	-	4,728,455	160,097	-	+3.50	South West Monsoon 19.12	23.62	+23.54
203,840	23,208	-	1,011,090	25,445	-	+2.58	North East Monsoon 12.79	16.21	+26.74
40,153	9,791	-	283,255	-	-	253	-0.09	-	-

1,331,485	170,400	-	6,022,800	185,289	-	+3.17	-	31.91	39.83	+24.82
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* No remarks against Ganjam

R.V. Srinivasan
Secretary

10

Public Works (1894) Department.

CURRENT No. 9049

Order

From

The Chief Engineer
for Irrigation

No. 182.1

Dated 7-10-96

Received 8-10-96

Enclosures 4

Spare copies -

SUBJECT.

Statement of Irrigation
and Rainfall for
1895-96.

Issue

1/14

"9"

17.10.96

0 L S 480 G. C 10/10

11/17/10