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TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Revenue DEPARTMENT

G.O. No.	1961	Press.
B.P. No.		Mis.
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1961

Read the following papers:—

No. 333. From Major J. BEATTY, B.E., Officiating Superintending Engineer, Godavery, to the Secretary to Government, Public Works Department, dated Dowlaishweram, 24th February 1877, No. 3,415.

WITH reference to paragraph 6 of my letter embodied in G.O., No. 188, of 20th ultimo, I have the honor to forward herewith an abstract of Irrigation Registers for fasli 1285 or 1875-76, prepared from the statements received from the Collector, showing the irrigated area, assessment and water-rates separately; from which it will be seen that the decrease in the Eastern Delta was only 213 acres instead of 3,594, as shown by the returns obtained from the Range Officers.

2. The Revenue Registers are no doubt accurate, at least as to the totals for ranges, though there may be and doubtless often are errors in the totals for canals; and the explanation of the smaller figures given by the Range Officers is simply that those they obtain from the Curnums of villages are often incorrect.

3. For convenience of reference the irrigated areas, &c., for faslis 1283 and 1284 are shown in the abstract now submitted.

4. The same causes that were at work in 1284 to produce a decrease in the Eastern Delta continued in action in 1285, and it is hoped that when the Collector's figures for 1286 are obtained, they will show some recovery in that delta, because the chief reason of the decrease, namely, water being given late, was removed. In 1876 all the canals were opened on or before 24th May.

GODAVYR DISTRICT.

Abstract of Irrigation Registers as per Revenue Accounts for Years 1283, 1284, and 1285.

Proceedings of the Madras Government, Public Works Department,
16th March 1877. No. 883.

Canals.	1283.				1284.				1285.			
	Area.	Assess- ment.	Water- tax.	Total.	Area.	Assess- ment.	Water- tax.	Total.	Area.	Assess- ment.	Water- tax.	Total.
<i>Eastern Delta.</i>												
Coopanda Canal ..	33,806	64,027	1,12,780	1,76,807	38,003	65,672	1,11,002	1,76,674	38,277	66,075	1,07,069	1,73,144
Coriava do. ..	20,379	47,476	86,216	1,33,692	24,829	44,457	81,166	1,25,623	26,562	44,512	84,121	1,28,763
Mundapetta Canal ..	29,078	60,780	1,13,287	1,74,067	26,886	57,283	1,04,198	1,61,481	23,116	55,411	98,982	1,59,394
Impjean do. ..	13,851	17,794	46,559	64,353	13,638	16,952	43,266	60,148	12,157	14,813	36,392	51,145
Bail do. ..	11,755	18,188	36,821	54,907	9,359	12,219	31,859	46,078	5,365	10,958	22,016	32,974
Sanalcotha do. ..	24,934	28,263	56,387	89,290	23,259	25,376	53,401	80,777	26,565	30,567	59,789	90,316
Total ..	143,954	2,38,323	4,59,550	6,89,070	1,37,254	2,26,859	4,24,922	6,59,781	1,36,366	2,22,455	4,06,310	6,38,766
Deduct for dry crops ..	4,414				2,285				2,280			
Net ..	139,540				1,34,969				1,34,086			
Area as per P.W.D. Registers ..	1,38,917				1,32,454				1,28,869			
<i>Central Delta.</i>												
Nagpur Canal ..	35,457	74,562	1,32,567	2,07,129	37,520	72,562	1,30,537	2,03,139	37,428	69,428	1,27,832	1,97,260
Bandamrutha Canal ..	10,432	17,556	30,765	48,301	10,203	16,938	31,000	47,938	10,267	16,894	30,727	46,591
East Bank do. ..	22,233	32,624	68,370	1,01,002	22,476	32,844	73,127	1,06,971	22,607	31,566	73,851	1,06,417
Anandpur do. ..	29,776	30,468	70,087	1,01,175	24,140	20,809	72,172	92,981	24,074	21,613	74,900	1,00,513
Gundurum do. ..	4,813	6,317	17,702	24,219	3,188	6,407	12,669	18,136	3,366	6,222	19,164	29,393
Falase do. ..	9	7	13	25	1		1	1				
Total ..	99,810	1,61,742	3,20,199	4,81,851	97,538	1,58,770	3,19,506	4,78,276	98,402	1,66,700	3,22,474	4,76,174
Deduct for dry crops ..	4,303				1,570				2,042			
Net ..	95,507				96,262				96,360			
Area as per P.W.D. Registers ..	85,197				91,756				93,090			
<i>Western Delta.</i>												
Narasapur Canal ..	57,379	86,320	1,32,500	2,08,220	65,253	83,837	1,30,510	2,16,347	60,373	88,572	1,33,302	2,16,974
Velpur do. ..	10,209	13,742	23,000	46,832	35,456	58,199	1,00,507	1,58,706	34,774	55,658	1,00,321	1,55,979
Gostanuddy Canal ..	24,528	44,065	66,381	1,11,076	11,481	30,850	45,321	76,371	12,924	30,400	60,400	83,448
Madanashala do. ..	11,224	30,132	44,675	74,807	7,167	16,255	29,361	45,426	7,139	15,145	28,867	44,012
Bank do. ..	16,014	23,039	41,573	64,612	7,167	16,255	29,361	45,426	7,139	15,145	28,867	44,012
Asili do. ..	2,324	33,330	7,853	1,08,223	24,023	32,152	76,110	1,07,262	24,283	32,644	76,081	1,08,725
Total ..	127,454	2,20,584	3,60,500	5,08,439	140,206	2,20,584	3,60,500	5,08,439	140,206	2,20,584	3,60,500	5,08,439
Deduct for dry crops ..	2,150				2,150				2,150			
Net ..	125,304				138,056				138,056			
Area as per P.W.D. Registers ..	124,745				137,901				137,901			
<i>Grand Total ..</i>	6,14,648	7,32,918	14,95,360	22,68,278	5,13,442	7,27,556	14,92,091	22,19,347	5,19,705	7,22,084	14,89,908	22,11,992
Deduct for dry crops ..	10,867				4,941				7,139			
Net ..	6,03,781				5,08,501				5,12,566			
Area as per P.W.D. Registers ..	4,78,829				4,81,049				4,82,780			

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Yenkeya and Wyan Canal ..	44,443	23,773	63,983	87,766	40,458	22,062	60,884	82,916	45,416	22,891	60,679	83,610
Uthi High Level do. ..	29,428	44,958	75,439	1,20,437	44,522	54,871	93,636	1,48,507	46,183	57,026	93,282	1,51,008
Ellore do. ..	43,723	36,301	1,39,114	1,74,615	45,710	36,901	1,42,027	1,77,928	47,492	36,639	1,50,971	1,87,610
Mam do. ..	1,422	60	713	773	470	81	1,133	1,572	2,793	4,275	10,482	14,760
Yanamaduru Drainage ..					2,974	4,459	11,333	15,792	2,793	4,275	10,482	14,760
Total ..	2,70,884	3,34,650	7,22,701	10,57,821	2,78,050	3,41,627	7,48,663	10,90,290	2,84,917	3,43,928	7,61,124	11,07,052
Deduct for dry crops ..	2,150								2,611			
Net ..	2,68,734				2,78,050				2,82,136			
Area as per P.W.D. Registers ..	2,44,745				2,57,439				2,70,830			
<i>Grand Total ..</i>	6,14,648	7,32,918	14,95,360	22,68,278	5,13,442	7,27,556	14,92,091	22,19,347	5,19,705	7,22,084	14,89,908	22,11,992
Deduct for dry crops ..	10,867				4,941				7,139			
Net ..	6,03,781				5,08,501				5,12,566			
Area as per P.W.D. Registers ..	4,78,829				4,81,049				4,82,780			

DOWLAISHWERAM,
27th February 1877.

(Signed) J. BEATTY, Major, R.E.,
Offg. Sup'g. Engr., Godavary.

1961
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Proceedings of the Madras Government, Public Works Department,
16th March 1877. No. 888.

No. 136—W.

No. 383-A. Note by the Chief Engineer for Irrigation.

The general results exhibited in this return are as follow :—

	Area.	Assessment.	Water-tax.	Total.
	ACRES.	RS.	RS.	RS.
Eastern Delta—1283 (1873-74) ...	1,39,540	2,36,526	4,52,550	6,89,076
1284 (1874-75) ...	1,34,289	2,26,859	4,23,922	6,50,781
1285 (1875-76) ...	1,34,076	2,22,456	4,06,310	6,28,766

Taking 1283 for the standard of comparison the falling off was in—

1284 ...	ACRES.	RS.
1285 ...	5,251	38,295 W. T.
	5,464	60,310 ..

It further appears that the average water-rate was in—

1283 ...	RS.
1284 ...	3.24 an acre.
1285 ...	3.16 ..
	3.03 ..

indicating an insufficient water-supply in addition to a smaller area irrigated.

	Area.	Assessment.	Water-tax.	Total.
	ACRES.	RS.	RS.	RS.
Central Delta—1283 (1873-74) ...	95,507	1,61,742	3,20,109	4,81,851
1284 (1874-75) ...	96,262	1,58,770	3,19,506	4,78,276
1285 (1875-76) ...	96,360	1,53,700	3,22,474	4,76,174

Compared with 1283 the other fasli show for—

1284 ...	ACRES.	RS.
1285 ...	755 (Increase)	603 (Decrease) W. T.
	853 (..)	2,365 (Increase) ..

The average water-rates were—

1283 ...	3.35 an acre.
1284 ...	3.32 ..
1285 ...	3.35 nearly an acre.

The variations in this delta, for which as yet completion estimates have not been sanctioned, are probably only such as are to be expected.

	Area.	Assessment.	Water-tax.	Total.
	ACRES.	RS.	RS.	RS.
Western Delta—1283 (1873-74) ...	2,44,745	3,34,650	7,22,701	10,57,351
1284 (1874-75) ...	2,57,439	3,41,627	7,48,663	10,90,290
1285 (1875-76) ...	2,82,136	3,45,928	7,61,124	11,07,052

Compared with 1283 the increase in the following years was—

1284 ...	ACRES.	RS.
1285 ...	12,694	25,962 W. T.
	37,391	38,423 ..

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16th March 1877. No. 888.

The average water-rates were—

1283 ...	RS.
1284 ...	2.95 an acre.
1285 ...	2.91 ..
	2.70 ..

The falling off in average rate in the last fasli is a matter which should be inquired into. It will be seen that the average rate is considerably lower in the western than in the other deltas, and this is partly due to lands irrigated free of charge, and also to the very considerable areas which are charged for at an extremely low rate, and no explanation of this has hitherto been obtained.

2. The detailed statements for this delta to be furnished by the Board of Revenue under G.O., Revenue Department, No. 912, dated 6th July 1876, have not yet been received. They will give such details as will enable a much more accurate investigation of the circumstances of the irrigation under any particular canal to be made, but it is uncertain when they will be ready, and for administrative purposes the early elucidation of leading features of a year's irrigation is of importance. These papers have, therefore, been examined in some detail.

3. It will be noticed that the variations in assessment are considerable. These are beyond the influence of Canal officers, but they should be noticed in the annual reports on the Delta revenue. Proceedings, Madras Government, No. 2,069, dated 11th August 1876. G.O., Revenue Department, paragraph 21—Vide also Proceedings, Madras Government, dated 17th June 1876, No. 1,504.

FORT ST. GEORGE,
7th March 1877.

To the Secretary to Government, Public Works Department.

No. 384.

ORDER THEREON, 3th March 1877, No. 888.

IRRIGATION, No. 31.

RECORDED, and communicated to the Superintending Engineer, Godavery, who will give attention to the points noticed by the Chief Engineer for Irrigation, and refer to them in reviewing the statements for 1876-77.

(True E. act.)

W. Mullins

Lieut.-Colonel, R.E.,
Secretary to Government, P.W.D.

To the Superintending Engineer, Godavery.
Kistna.

" Chief Engineer for Irrigation.
" Revenue Department.

Erd. E. C. Shunker.
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No. 2037
Govt. of 1872, Ha. ras.
PUBLIC WORKS.

To
✓
The SUPERINTENDING ENGINEER,
GODAVERY,
&c., &c., &c.

Dated March 18th.

Issued

Recd. *6 April*

Encl.

G. O., 16th March 1877, No. 888.

Dis. M. S.

MARCH

Nos. 383-384.

101961

Comm. to the
Board of Revenue

7 April 1877.

Irrigation Registers, Godavery District,
Fash 4285.—Note by the Chief Engineer
for Irrigation submitting abstract of—
showing irrigated area, &c., communicated
to the Superintending Engineer with in-
structions.

10-2-86 Received by H. S. S. S.