M.R.O. 1—10,006—28-2-50

(1) Number of pages _____

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE

Government of Madras

Public Works DEPARTMENT

G.O. No. / ~~B.P. No.~~	3219-A	Press / ~~Mis.~~
Dated	13-11-1974	195 .

Not to be folded or roughly handled

Read the following :—

No. 826.

No. 225. *Note by the Chief Engineer for Irrigation.*

R. No. 1,633, dated 27th August 1874, and one enclosure.

THE Revenue Statement of the Godavery Delta for the year 1872-73 (Fasli 1282) gives the following general results :—

—	1871-72.	1872-73.	Increase.
Area irrigated	ACRES. 456,432	ACRES. 516,683	ACRES. 60,251
Revenue water-tax	RS. 14,00,997	RS. 14,84,284	RS. 83,287

The statement as prepared by the Board of Revenue gives the particulars by taluqs, and the subjoined abstract has been prepared in this office giving the details for canals and deltas, and from this it appears that in the year 1872-73 there was a falling off of area and revenue in the Eastern Delta, and a material increase under both heads in the Central and Western Deltas :—

—	AREA IRRIGATED.		WATER-TAX.	
	1871-72.	1872-73.	1871-72.	1872-73.
	ACRES.	ACRES.	RS.	RS.
Eastern Delta	144,040	140,543	4,55,137	4,41,177
Central do.	85,273	99,294	2,80,536	3,23,074
Western do.	227,119	276,846	6,87,812	7,48,521

It seems probable that the falling off in the Eastern Delta was due to the closure of canals on account of improvements ; but, if so, as similar improvements were in progress in the Western Delta, where a very material increase occurred, the subject may well be inquired* into and the causes be ascertained. The Samulcotta, Mundapetta, and Bank Canals are those which show a decrease of cultivation.

* By the local Revenue and Public Works Officers.

Abstract showing the Area irrigated by each Canal and in each Delta of the Godavery, with the Water-tax thereon.

Canals.	Government Lands.				Zemindary, etc., Free.		Total.				1872-73.			
	1871-72.		1872-73.		1871-72.	1872-73	1871-72.		1872-73.		Area.	Water-tax.	Area.	Water-tax.
	Area.	Water-tax.	Area.	Water-tax.	Area.	Area.	Area.	Water-tax.	Area.	Water-tax.				
		Rs.		Rs.				Rs.		Rs.		Rs.		Rs.
Coonada ...	16,565	66,271	17,731	69,634	10,227	6,107	37,710	1,09,916	39,677	1,17,616	10,049	47,982	10,918	43,645
Samulcotta ...	11,731	47,532	11,193	45,994	10,177	6,464	28,514	65,937	28,621	64,333	5,864	8,339	4,606	18,405
Coringa ...	12,257	48,393	12,890	50,208	8,805	1,392	26,814	88,551	25,969	84,428	11,087	34,125	8,920	35,158
Ingeram ...	3,818	15,010	3,867	15,318	1,924	936	18,678	46,278	18,811	47,000	9,003	31,701	7,931	31,328
Mundapetta ...	14,857	58,379	13,790	55,029	281	65	28,485	1,10,552	25,987	1,02,171	12,002	47,142	13,347	52,174
Bank (Yanam) ...	4,475	16,117	4,156	14,856	1,258	802	12,328	38,174	11,183	85,383	6,135	20,527	6,595	23,067
Yededa (?) ...	...	...	...	...	...	...	113	407	...	...	...	242	113	467
Penuguduru (?) ...	...	...	...	...	170	174	235	962	245	242	71	...	65	-263
Eastern Delta...	63,703	2,50,701	63,617	2,51,029	27,842	16,030	1,44,040	4,55,137	1,40,543	4,41,177	60,906	1,90,148	52,495	2,04,436
Nagaram ...	17,796	74,825	21,951	86,489	3,131	155	32,807	1,23,068	41,134	1,40,499	19,018	54,010	11,880	48,703
Amalapur ...	7,586	30,615	8,118	32,520	5,029	1,422	20,423	61,998	22,025	67,068	12,486	34,543	7,808	30,433
Turpugotta (East Bank) ...	9,877	39,348	11,126	43,741	3,832	973	18,825	59,876	20,897	66,109	8,709	22,428	5,066	20,028
Gunnaveram ...	760	3,201	1,062	4,041	...	...	3,818	14,272	4,787	17,002	3,735	13,561	3,058	11,071
Bundamurlunka ...	5,428	21,670	6,191	24,123	2,207	149	9,400	32,709	10,460	31,741	4,120	7,618	1,765	7,032
Central Delta...	41,447	1,69,159	48,438	1,90,914	14,249	2,698	85,273	3,86,530	99,294	3,23,074	48,168	1,32,100	29,577	1,17,377
Nursapur ...	27,753	1,08,833	31,017	1,21,987	5,594	243	49,315	1,72,084	57,463	1,84,605	26,208	62,618	15,968	63,251
Mukkamala ...	7,603	29,719	8,430	33,410	84	.....	12,402	48,017	13,766	53,968	5,436	20,558	4,718	18,298
Goetanudili and Velpur ...	17,805	69,193	20,451	80,579	8,030	1,074	31,745	94,413	35,896	1,04,667	16,331	24,093	6,410	25,341
Venkiah Weyairu ...	10,596	42,354	10,662	38,933	8,088	1,158	36,894	60,252	18,203	60,863	38,908	21,880	18,203	17,899
Undi ...	12,616	50,047	14,328	57,234	8,803	759	31,425	60,563	10,546	76,499	23,883	19,264	10,546	10,516
Atuli ...	11,237	44,586	12,470	45,917	504	89	22,826	84,647	11,065	78,407	12,711	39,490	4,606	40,061
Ellore ...	20,770	83,254	26,471	96,023	5,862	2,353	32,704	1,00,213	41,615	1,17,580	13,691	21,552	6,973	16,979
Bank ...	8,328	13,253	8,761	14,817	.....	.....	6,542	26,150	7,563	29,917	8,802	16,100	3,214	12,897
Nukkala ...	1,048	4,184	998	4,008	.....	.....	2,795	11,154	2,808	10,447	1,810	6,639	1,747	6,970
Main ...	2	4	187	600	.....	12	471	1,801	1,767	3,881	1,680	2,221	457	1,797
Western Delta...	1,12,156	4,45,316	1,28,755	4,93,623	36,467	5,626	2,27,119	6,59,324	2,76,846	7,20,033	1,42,465	2,26,410	78,474	2,14,008
					Water-tax Nidathavole and Bahurzhalli Estates			28,488	...	28,488				
Grand Total, Delta...	2,17,305	8,05,176	2,40,810	9,35,566				6,87,812	...	7,48,521	2,51,529	5,48,719	1,60,546	5,35,821
							4,56,433	14,00,997	5,16,653	14,84,234				
Ellore (Kistna) ...	8,328	33,245	9,547	33,419	78,578	24,344	11,777	34,002	13,114	34,228	209	809	193	757
					3,256	3,358								

(Signed) JOHN MULLINS, Lieut.-Colonel, R.E.,
Chief Engineer for Irrigation.

AMBASAMUDRUM,
14th October 1874.

2. There are several matters in the statement as thus collated which appear to need explanation—

1*stly.*—There is a remarkable difference in the two years between the areas of Zemindary lands irrigated free of charge:—

In 1871-72 this area was Acres 78,578.
In 1872-73 „ „ 24,344.

An examination of the entries under Zemindary lands charged with a water-rate leads to the conclusion that the statements have not been altogether accurately prepared, and that areas which appertain to the free class have somehow or another got into the charged column, thus—

	Zemindary charged.		
	Area.	Water-tax.	Rate per Acre.
		Rs.	
Cocanada Canal, 1871-72	10,918	43,645	Nearly 4 Rs.
Do. do., 1872-73	16,049	47,982	Less than 3 „

And were the free area of 1872-73 made equal to that of 1871-72, the charged area being correspondingly reduced, the resulting rate on the latter would be about right.

Similar remarks apply to other canals.

2*ndly.*—Some of the entries are very remarkable, and certainly need explanation.

Under the Samulcotta Canal the Government lands irrigated—

Were in 1871-72, Acres 11,731, Water-tax Rupees 47,532.
„ 1872-73, „ 11,193, „ „ 45,994.

Indicating that the water-supply was about equally good in the two years.

On the other hand, under Zemindary charged, the entries are—

Area irrigated, 1871-72, Acres 4,606, Water-tax Rupees 18,405.
„ „ 1872-73, „ 5,864, „ „ 8,339.

The water-rate for the one year being 4 Rupees, and in the other less than 1½ Rupees. Possibly the explanation may be found in the entry of free land under land charged. Generally in the Eastern Delta and elsewhere, the water-rates on Zemindary lands in 1872-73 are less than those of the preceding year, while on Government lands the rates for the two years correspond very nearly.

3*rdly.*—In the Western Delta the Irrigation under the Venkiah and Weyairu exhibits the following facts:—

The Government lands in 1871-72 paid a water-rate of 4 Rupees.
Do. in 1872-73 do. of 3¼ „

The Zemindary lands which paid anything for water were charged—

In 1871-72 Rupees 17,898 on Acres 18,262, and
in 1872-73 „ 21,880 on „ 38,968.

On turning to the detailed statements, moreover, it appears that in 1872-73 out of the area above shown 35,448·38 acres were charged Rupees 9,949-5-4 for water, or less than 4½ Annas an acre.

The Zemindary lands under some canals are charged about the same rate as Government lands, *e.g.*, the Bank Canal, Western Delta.

3. The Board of Revenue will probably be able to afford such explanations as will make the entries in the statements comprehensible, but at present no idea can be obtained from them as to the effect which extensions of irrigation will have, *e.g.*, in the Eastern Delta the decrease of irrigation in the year 1872-73 was principally in the Zemindaries, but the water-rate on the decrease is 4 Rupees; in the Central Delta the water-rate on the increase is 2½ Rupees on the average, but

On Government lands nearly 4 Rupees an acre.
On Zemindary do. under 13 Annas do.

Similarly, in the Western Delta, the water-rate on the increased area generally averages 1 Rupee 3½ Annas, but

On Government lands nearly 4 Rupees an acre.
On Zemindary do. just over 3 Annas do.

4. As in 1871-72 so in 1872-73 the sum of Rupees 28,488 is shown as the water-rate levied from the Zemindaries of Nidathavole and Baharzhalli, but the area corresponding thereto, or represented by this payment, is not stated. It appears to be necessary both for the purpose of regulating the supply in the canals, and for other reasons, that the area should be given at least approximately.

5. Some trifling differences arising from the omission of fractions will be found between the return of the Board of Revenue and the abstract by canals. The irrigation under the Kistna Ellore canal in the Godavery District has been shown separately in the abstract, as it appertains to the Kistna Delta.

6. It is desirable that the same classification of canals should be adhered to in preparing the statements of successive years. This has not been attended to in the statements of Faslies 1281 and 1282 in some instances.

AMBASAMUDRUM, (Signed) JOHN MULLINS, Lieut.-Colonel, R.E.,
14*th October* 1874. *Chief Engineer for Irrigation.*

No. 226. ORDER THEREON, 13th November 1874, No. 3,219.

IRRIGATION, No. 21.

THE Government are of opinion that the entries in the statement of Irrigation in the Godavery Delta, which have been noticed by the Chief Engineer for Irrigation, and others of the same kind, require to be explained, and the Board of Revenue will be requested to prepare and furnish a memorandum showing on what principles the lands irrigated are assessed with water-tax, and how the remarkably low charges in some instances on this account have been determined. The Board will also be asked to furnish information as to the area irrigated in the Nedathavole and Baharzhalli Zemindaries, for which a contract payment of Rupees 28,488 has been made in each of the Faslies 1281 and 1282.

2. Pending the receipt of the information above called for, the review of the results of the irrigation in the two years noticed will be postponed.

(True Extract.)
(Signed) G. W. WALKER, Colonel, R.E.,
Secretary to Government.

To the Board of Revenue.
,, District Engineer, Godavery.
,, ,, Kistna.
,, Chief Engineer for Irrigation.
,, Officiating Controller of Public Works Accounts.
,, Revenue Department.

Exd. S. T. Austin.
Spare Copies

Proceedings of the Madras Government, Public Works Department,
13th November 1874.

No. 226A. Read the following letter from Major G. V. LAW, District Engineer, Trichinopoly, to Colonel G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Trichinopoly, 24th October 1874, No. 292 :—

I HAVE the honor to report that if the unallotted ballance of the estimate for alterations to the Nawab's palace at Trichinopoly can be granted at an early date, the work can be completed within current official year.

		RS.	A.	P.
Estimate		36,200	0	0
Spent in previous years	6,542 14 1			
Current year's allotment	15,000 0 0			
Say...		21,543	0	0
Balance now applied for...		14,657	0	0

No. 226B. ORDER THEREON, 13th November 1874, No. 3,219A.

ACCOUNT, No. 13A.

THE sum of Rupees 14,657 is allotted from the additional grant made by the Financial Department in their Order No. 1,856, dated 30th October 1874.

(True Extract.)

(Signed) G. W. WALKER, Colonel, R.E.,
Secretary to Government.

To the District Engineer, Trichinopoly.
,, Controller of Public Works Accounts.

Exd. S. T. Austin.
Spare Copies

Major
District Engineer Trichinopoly

District Engineer's office
Trichinopoli.
24th October 1874

No. 292

From,

The District Engineer
Trichinopoli.

To

The Secretary to Govern.t
P.W. Department
Madras.

Sir,

I have the honor to report that if the unallotted balance of the Estimate for alterations to the Nawab's palace, at Trichinopoli, can be granted at an early date the work can be completed within current official year.

Estimate Rupees ——— 36,200---
Spent in previous years Rs 6,542.14.1
current year's allotment 15000---
Say. 21,543---
Balance now applied for Rs 14657---

I have the honor to be
Sir
Your most obed.t Serv.t
George V. Law - Major

P.W. 1874 Depart
Pro. of Govt for Year
From, No. 6727.
The District Engineer
Trichinopoli
To The Secretary to
Govt.
P.W. Madras

Dated 24th October 1874
Rec'd 28th

No. 292

Requests to grant
the unallotted balance
of Rs 14,657 for alter-
ations to Nawab's
palace Trichinopoly
as the work will be
completed within
current F.Y.

With a letter

The amount of Rs 14,657 is allotted from the additional grant made by the Financial Dept in their Order No 1283 A dated 30th Sept 74

Offg

Dy Secy

Cr B Reg

Dy Secy

Audr 25/11/74

226 A - 226 B.

Cir 12/11/74

Desp Wort 28 Oct 74

727

Govt. of 1874 Madras.

PUBLIC WORKS.

To Mr. Dy Engr

Dated

Recd. Encl.

G. O., 13 Nov. 1874, No 3219

Nos. 226 A. 226 B

Nawab's Palace at Trichinopoly - Rs 14657 allotted for the completion the alteration to the Building —