

(1) Number of pages

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MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No. 487

Press
Misc.

350-52

Dated 21/12/1872.

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
21st February 1872.*

No. 350. Read the following Proceedings of the Madras Government in the Revenue Department, dated 25th July 1871, No. 125 :—

Proceedings of the Board of Revenue, dated 13th July 1871, No. 2,905.

From the Collector of the Godavery District, to the Acting Secretary to the Board of Revenue, dated Cocanada, 22nd May 1871, No. 181.

ADVERTING to the Proceedings of the Board of Revenue, dated 23rd September 1870, Miscellaneous No. 970, I have the honour to submit herewith a statement showing all the information required in the Government Order, dated 14th September last, No. 1,462, with regard to the land under wet cultivation, the assessment and water-tax payable thereon during 1869-70 and in the five previous years.

Proceedings of the Madras Government.

Statement showing the land under Wet cultivation during the year 1869-70,

Talugs.	Years.	GOVERNMENT.				
		Land.	Assessment.	Water-tax.	Total.	Rate per Acre.
		3	4	5	6	7
1	2	3	4	5	6	7
1. Ramachendrapur ...	1869-70	A. C.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.
	1868-69	59,862 11	1,84,398 2 10	2,38,163 0 7	4,22,561 8 5	7 1 1
	1867-68	57,941 33	1,80,634 3 7	2,27,700 5 11	4,08,334 9 6	7 0 8
	1866-67	58,556 43	1,81,923 12 9	2,26,839 11 5	4,08,763 8 2	6 15 8
	1865-66	52,051 17	1,65,534 15 10	2,11,301 14 8	3,79,836 14 6	7 4 9
2. Amalapur ...	1869-70	43,708 32	2,18,175 4 4	2,20,289 4 9	4,38,464 9 1	10 0 6
	1868-69	41,881 34	2,08,595 0 4	1,56,410 14 2	3,65,005 14 6	8 11 5
	1867-68	314,003 70	11,39,261 7 8	12,83,705 8 6	21,22,966 11 2	7 11 5
	1866-67	24,555 19	63,553 0 9	98,726 13 0	1,62,279 13 9	6 9 9
	1865-66	21,622 77	57,418 9 8	88,253 6 6	1,45,702 0 2	6 11 10
3. Narsapur ...	1869-70	21,702 61	56,021 8 8	87,575 14 7	1,43,597 7 3	6 9 9
	1868-69	19,012 79	51,059 13 7	77,022 0 10	1,28,081 14 5	6 11 9
	1867-68	21,592 74	82,681 1 6	80,750 8 4	1,63,434 4 10	7 9 1
	1866-67	20,290 71	78,117 13 5	41,595 8 8	1,19,713 5 8	5 14 4
	1865-66	128,782 84	3,88,884 15 7	4,73,923 14 6	8,62,808 11 1	6 11 2
4. Bheemavaram ...	1869-70	44,088 26	1,20,006 14 0	1,81,718 15 5	3,01,725 13 5	6 13 9
	1868-69	38,889 41	1,08,813 10 2	1,61,253 6 11	2,70,067 1 1	6 15 1
	1867-68	38,392 42	1,01,904 1 8	1,51,467 0 8	2,56,371 2 4	6 10 7
	1866-67	33,511 68	94,334 10 5	1,35,015 3 0	2,29,349 13 5	6 13 6
	1865-66	35,218 54	1,05,868 14 6	1,39,413 11 5	2,42,312 9 11	6 14 6
5. Tanuku ...	1869-70	190,100 51	5,30,928 2 9	7,68,808 5 5	12,99,826 8 2	6 13 5
	1868-69	39,602 83	89,511 7 7	1,56,031 4 8	2,45,542 12 3	6 4 9
	1867-68	24,859 36	65,972 12 11	99,439 5 1	1,65,412 2 0	6 10 6
	1866-67	33,215 85	78,109 7 2	1,32,863 8 11	2,10,973 0 1	6 5 7
	1865-66	31,592 98	72,420 12 5	1,26,054 11 5	1,98,475 7 10	6 4 6
6. Ellore ...	1869-70	38,335 31	87,081 14 11	1,49,068 5 1	2,36,150 4 0	6 2 7
	1868-69	34,888 40	81,400 7 3	97,626 2 1	1,79,026 9 4	5 2 1
	1867-68	201,894 73	4,74,496 14 3	7,61,083 5 3	12,35,580 3 6	6 1 11
	1866-67	37,845 60	85,376 7 8	1,51,678 1 1	2,37,054 8 9	6 4 3
	1865-66	35,337 13	81,054 9 9	1,41,245 6 10	2,22,300 0 7	6 4 7
7. Yernagudem ...	1869-70	37,748 06	81,028 9 2	1,51,301 8 4	2,35,333 1 6	6 3 9
	1868-69	35,389 20	79,913 3 0	1,41,660 4 7	2,21,573 7 7	6 4 2
	1867-68	33,688 40	85,294 10 4	1,54,789 0 0	2,40,083 10 4	6 3 4
	1866-67	185,009 29	4,15,667 7 11	7,40,677 4 10	11,56,344 12 9	6 4 0
	1865-66	26,843 74	33,282 15 0	85,802 15 0	1,19,085 14 0	4 8 2

* The Talug Accounts of Tanuku and Narsapur for 1864-65 have been destroyed together with the old records

Public Works Department, 21st February 1872.

and in the five previous years, the Assessment and Water-tax thereon.

ZEMINDARI, INAM, ETC.		LAND CLASSIFIED AND ASSESSED AS WET BY THE SETTLEMENT DEPARTMENT, BUT NOT UNDER CULTIVATION.				
Land.	Water-tax.	Land.	Assessment.	Water-tax.	Tot al.	Rate per Acre.
8	9	10	11	12	13	14
A. C.	RS. A. P.	A. C.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.
41,938 73	1,67,850 0 6	2,357 50	6,871 7 0	9,430 0 0	15,801 7 0	6 11 3
42,347 28	1,68,419 8 4	3,179 90	8,595 14 0	12,719 10 0	21,315 8 0	6 8 9
40,138 80	1,61,003 7 4	2,021 85	5,428 13 0	8,087 6 0	13,516 3 0	6 10 10
37,654 25	1,50,392 8 11	4,292 53	11,603 15 0	17,170 2 0	28,774 1 0	6 11 3
35,627 25	1,43,228 0 2	.....	.....	.....	.....	.....
65,600 69	1,55,637 3 2	.....	.....	.....	.....	.....
263,307 0	9,45,530 13 5	11,851 78	32,000 1 0	47,407 2 0	79,407 3 0	6 11 2
17,598 49	70,281 13 11	433 17	722 4 6	1,732 10 10	2,454 15 4	5 10 8
14,832 25	59,846 13 11	1,002 2	2,108 6 0	4,008 1 5	6,116 7 5	6 1 8
13,570 93	51,673 2 9	527 16	1,037 13 7	2,108 11 1	3,146 8 8	5 15 6
11,097 65	41,880 15 6	1,744 30	3,443 2 4	6,977 3 0	10,420 5 4	5 15 7
11,615 10	49,176 15 0	.....	.....	.....	.....	.....
14,836 97	37,549 14 7	.....	.....	.....	.....	.....
83,551 39	3,16,409 11 8	3,706 65	7,311 10 5	14,826 10 4	22,138 4 9	5 15 7
32,120 9	1,31,283 14 10	3,253 79	6,373 15 8	13,014 11 9	19,388 14 5	5 15 4
33,185 45	1,36,081 2 3	10,390 99	12,477 14 10	41,563 9 7	54,041 8 5	5 3 2
36,612 79	1,47,737 13 3	18,342 83	27,010 5 10	75,771 5 1	1,02,811 10 11	5 9 8
31,853 60	2,27,409 5 10	10,482 80	19,363 9 4	41,931 3 2	61,293 12 6	5 14 0
33,025 33	1,51,226 7 2	4,997 78	17,166 13 11	19,991 2 7	37,158 0 6	7 6 11
.....						
171,833 26	7,93,738 11 4	47,468 10	82,421 11 7	1,92,272 3 2	2,74,693 14 9	5 12 7
41,687 68	85,315 9 3	6,213 12	11,843 12 8	21,852 7 6	36,696 4 2	5 14 6
42,033 3	86,688 2 7	15,616 91	28,875 0 8	62,467 11 6	91,342 12 2	5 13 7
41,999 29	84,724 11 1	7,626 8	14,616 12 0	30,504 5 1	45,121 1 1	5 14 8
39,275 71	79,122 15 0	7,764 7	15,048 8 0	30,656 4 5	45,704 12 5	5 15 5
38,146 47	90,206 14 2	5,501 33	10,744 18 0	22,005 5 4	32,750 2 4	5 15 8
44,270 63	81,890 12 9	12,154 90	23,233 13 0	36,464 11 4	59,698 7 4	4 14 7
247,413 81	5,10,949 3 10	54,876 43	1,04,362 10 4	2,06,950 13 2	3,11,313 7 6	5 10 9
33,984 2	1,35,925 14 10	4,939 81	10,184 15 2	19,759 6 10	29,894 6 0	6 0 10
32,568 92	1,30,922 6 11	5,705 67	11,573 3 0	22,822 12 6	34,395 15 6	6 0 6
32,071 46	1,28,475 0 7	4,143 66	8,147 12 7	16,574 11 2	24,722 7 9	5 15 6
32,327 16	1,28,081 14 11	9,219 54	21,789 0 1	36,878 3 4	58,667 3 5	6 5 9
33,364 55	1,33,588 8 8	5,708 6	12,134 7 8	22,832 4 6	34,966 12 2	6 2 0
.....						
164,303 11	6,56,093 8 11	29,716 74	63,779 6 6	1,18,867 6 4	1,82,646 12 10	6 2 5
240 43	960 8 0	9,095 39	17,254 10 6	.....	17,254 10 6	1 14 4
216 38	865 7 4	6,747 10	12,418 14 0	.....	12,418 14 0	1 13 5
254 72	1,019 2 0	9,134 2	17,872 2 0	.....	17,872 2 0	1 15 4
1,110 4	3,299 11 3	6,801 16	12,829 1 6	.....	12,829 1 6	1 14 1
263 0	1,047 13 10	8,094 79	5,892 15 11	.....	5,892 15 11	1 14 6
4,965 86	8,075 10 0	3,477 74	7,930 0 6	.....	7,930 0 6	2 4 6
7,049 43	15,277 4 5	38,340 20	74,197 12 5	.....	74,197 12 5	1 15 0
596 80	2,387 4 6	4,042 47	10,998 10 7	.....	10,998 10 7	2 3 7
555 57	2,248 4 4	4,048 60	8,333 13 7	.....	8,333 13 7	2 0 11
497 84	1,927 8 0	4,920 69	10,363 13 7	.....	10,363 13 7	2 1 8
464 65	1,827 0 8	5,528 5	12,513 2 3	.....	12,513 2 3	2 4 3
613 64	2,093 13 0	.....	.....	.....	.....	.....
578 65	1,395 6 0	.....	.....	.....	.....	.....
3,323 15	11,911 4 6	19,439 81	42,214 8 0	.....	42,214 8 0	2 2 9

and the Churnams have no accounts, consequently the columns of these Talugs are left blank.

Proceedings of the Madras Government,

Statement showing the land under Wet cultivation

Talugs.	Years.	GOVERNMENT.				
		Land.	Assessment.	Water-tax.	Total.	Rate per Acre.
1	2	3	4	5	6	7
8. Rajahmundry	1869-70	A. C.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.
	1868-69	10,600 86	45,864 8 11	776 12 7	46,641 0 6	4 6 5
	1867-68	12,978 19	54,127 3 8	823 3 1	54,950 6 9	4 8 2
	1866-67	11,351 8	48,179 3 11	600 12 11	48,779 5 12	4 4 11
	1865-66	13,394 27	56,119 1 6	412 12 9	56,531 14 3	4 8 6
	1864-65	11,473 93	60,324 2 3	43 3 7	60,367 5 10	5 4 2
		9,610 63	50,545 7 0	.....	50,545 7 0	5 3 10
		69,413 96	3,15,159 6 3	2,251 12 11	3,17,411 3 2	4 9 2
	1869-70	16,393 7	77,726 3 7	826 7 2	78,552 10 9	5 1 10
	1868-69	18,305 71	84,479 13 9	762 1 8	85,241 15 5	4 10 7
9. Peddapur	1867-68	18,254 25	84,390 10 2	814 11 6	85,205 5 8	4 6 5
	1866-67	17,695 82	83,389 1 6	830 6 0	83,719 7 6	4 11 8
	1865-66	16,104 2	91,885 2 11	.....	91,885 2 11	5 14 3
	1864-65	12,291 3	81,469 11 5	.....	81,469 11 5	6 10 1
		99,013 93	5,06,310 11 4	2,733 10 4	5,09,074 5 8	5 2 3
	1869-70	261,203 13	7,13,570 4 4	9,15,566 0 3	10,29,136 4 7	6 2 9
	1868-69	238,913 9	6,43,938 12 2	7,80,703 7 9	14,63,642 3 11	6 2 1
	1867-68	216,342 76	6,78,586 13 8	8,22,185 6 2	15,00,773 8 10	6 1 5
	1866-67	227,639 29	6,47,216 5 10	7,46,697 5 9	13,93,913 11 7	6 1 11
	1865-66	231,306 9	8,20,761 14 10	7,96,581 4 5	16,17,343 3 3	6 15 10
Total...	1864-65	146,539 74	5,81,133 12 9	3,20,522 12 3	9,10,656 9 0	6 3 4
		1,354,944 10	41,27,207 15 7	43,88,256 4 7	85,15,464 4 2	6 4 6

* The figures given in Column 4 are when the district was under the joint-rent system. The Ryotwar system

COCANADA,
22nd May 1871.

Public Works Department, 21st February 1872.

during the year 1869-70, etc.—(Concluded.)

ZEMINDARI, INAM, ETC.		LAND CLASSIFIED AND ASSESSED AS WET BY THE SETTLEMENT DEPARTMENT, BUT NOT UNDER CULTIVATION.				
Land.	Water-tax.	Land.	Assessment.	Water-tax.	Total.	Rate per Acre.
8	9	10	11	12	13	14
A. C.	RS. A. P.	A. C.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.
1,206 87	4,108 13 3	8,478 24	30,659 13 11	.....	30,659 13 11	3 9 10
1,485 36	5,875 3 2	6,073 69	22,369 2 2	.....	22,369 2 2	3 10 11
1,592 79	6,363 2 10	7,675 45	28,371 1 11	.....	28,371 1 11	3 10 11
1,033 31	4,031 10 5	5,654 32	20,398 6 4	.....	20,398 6 4	3 9 9
1,137 18	4,491 15 5	4,224 90	3,012 4 7	.....	3,012 4 7	0 11 5
1,118 48	2,851 5 7	6,040 39	12,763 4 10	.....	12,763 4 10	2 1 7
7,605 99	27,775 2 8	38,146 99	1,17,574 1 9	.....	1,17,574 1 9	3 2 8
151 32	499 11 2	4,299 66	15,697 14 11	.....	15,697 14 11	3 10 5
141 40	436 1 0	2,414 36	9,001 11 7	.....	9,001 11 7	3 11 8
21 40	68 7 0	2,785 32	9,865 10 5	.....	9,865 10 5	3 8 8
.....	.....	2,988 88	10,220 11 6	.....	10,220 11 6	3 6 9
.....	.....	2,743 8	4,865 5 4	.....	4,865 5 4	1 12 4
.....	.....	6,433 71	16,883 2 7	.....	16,883 2 7	2 9 11
314 12	1,004 3 2	21,668 1	66,534 8 4	.....	66,534 8 4	3 1 1
169,530 43	5,98,622 10 3	44,013 15	1,10,057 8 11	68,789 7 11	1,78,847 0 10	4 1 0
167,335 64	5,90,433 1 10	55,179 17	1,15,758 15 10	1,43,581 13 0	2,59,340 12 10	4 11 2
166,789 95	5,86,052 9 10	57,177 6	1,22,744 4 11	1,33,046 6 5	2,55,790 11 4	4 7 7
154,818 37	6,39,096 2 6	51,475 65	1,27,208 8 4	1,33,612 15 11	2,60,821 8 3	4 12 7
158,811 52	5,74,065 2 5	26,262 94	53,816 12 5	64,828 12 5	1,18,645 8 10	4 8 4
131,396 23	2,90,400 4 1	23,106 74	60,310 3 11	36,464 11 4	97,274 15 3	3 7 4
948,702 19	32,78,719 14 11	265,214 71	5,90,396 6 4	5,80,324 3 0	11,70,720 9 4	4 6 7

having been brought into force from 1866-67, the assessment is temporarily reduced in subsequent years.

(Signed) J. FRASER,
Collector.
(Signed) J. GROSE,
Acting Secretary.

*Proceedings of the Madras Government, Public Works Department,
21st February 1872.*

RESOLVED that the above letter, together with a manuscript copy of the statement received from the Collector, be submitted to Government, Revenue Department, with reference to their Order, dated 14th September 1870, No. 1,462.

2. The figures entered in the statement now submitted do not correspond with those entered in the Administration Report, as the latter do not embrace Zemindari and Inam lands, nor the water-tax collected on Government lands separately from the land tax and exhibited under "Land Revenue Miscellaneous."

3. The Board observe that the land under wet cultivation in the whole Godavery District, even as now given, is less than the area stated to have been

shown in the returns furnished by the Collector to the Superintending Engineer as the extent of irrigated land in the Delta Taluqs alone.* The Collector is requested to explain the difference.

* As given in this return ... ACRES. 433,733
As shown in the return sent to the Superintending Engineer as the irrigated area of the Delta Taluqs alone ... 464,428

ORDERED that the statement received with these Proceedings be transferred to the Public Works Department, with reference to the endorsement of the Acting Joint-Secretary to Government in that department, dated 12th September 1870.

(True Extract.)

(Signed) H. WELLESLEY,

Acting Under Secretary to Government.

No. 351. From the Acting Superintending Engineer, 1st Division, to the Acting Chief Engineer for Irrigation, dated Dowlaishwaram, 26th July 1871, No. 1,402.

ADVERTING to G. O. of the 23rd September 1870, No. 143, I have the honour to forward, for submission to the Government, the accompanying statement exhibiting the extent of wet cultivation in the delta, as far as I have been able to ascertain it, for Fuslies 1278 and 1279, together with copy of a letter from the Collector explanatory of the several items entered in the same.

2. In my letter printed with the above G. O., I pointed out that the Board of Revenue had given in their Administration Report for Fusly 1279 the extent of wet cultivation in the Godavery District at 224,986 acres, assessed at Rs. 6,32,958; from our irrigation registers for the delta only the extent is 440,013 acres, and from the Collector's account the extent is 441,313 acres; it is thus quite apparent the area entered in the Board's Administration Report is incorrect, probably an error in printing both extent and assessment.

3. I do not think we shall get any further increase of cultivation for some time to come, as our means of communications with the interior and the home markets of the country are as bad as can be, and comparing the population of this district with Tanjore, I dare say we are cultivating as much land as the people find it pays them to take up; it is utterly hopeless to expect that, because water can be provided, the people will take it for the pleasure of paying a water-rate to Government; if we examine the Statement A. I formerly sent up we shall find the average rate per acre for irrigated land the highest in those districts which are nearest to, or have facilities of access to, the home markets of the country; a district like Kurnool with its wretched means of irrigating, actually paying an average rate of Rupees 7-5-0 per acre, and the same rate prevailing in Tinnevely,

*Proceedings of the Madras Government, Public Works Department,
21st February 1872.*

both districts having large markets near them. This project was originally put forward based on the well known laws which regulate the increase of cultivation and production from land; as these have been utterly neglected in developing the scheme, it is no wonder the project does not yield the results expected from it, to say nothing of the water-rate having been fixed at a rate which for the best water supply, with the cheapest means of communications, is the least in the Presidency.

Statement showing the area of land irrigated during Fuslies 1278 and 1279 in the Delta Ranges.

Deltas.	Taluqs.	FUSLY 1278.		FUSLY 1279.	
		Extent.	Assessment.	Extent.	Assessment.
		ACRES.	RS.	ACRES.	RS.
1. Eastern Delta...	1. Ramachendrapur ...	105,093	3,46,798	1,09,297	3,61,465
	2. Cocanada Division ...	14,381	80,142	15,001	82,226
	3. Coringa do. ...	2,205	5,600	2,253	5,817
	4. Rajahmundry ...	1,661	5,005	1,129	3,664
	Total...	123,340	4,37,545	128,580	4,53,172
2. Central Delta...	1. Narsapur ...	.....	.....	31,871	95,074
	2. Amalapur ...	.....	.....	54,717	1,59,509
	Total...	.....	.....	86,588	2,54,583
3. Western Delta...	1. Narsapur ...	.....	.....	34,225	86,632
	2. Tanuku ...	63,286	1,71,016	66,567	1,89,583
	3. Bheemaveram ...	81,167	.....	96,300	2,40,667
	Total...	144,453	1,71,016	197,092	5,16,882
4. Ellore Canal ...	1. Ellore ...	9,041	7,162	13,116	9,619
	2. Tanuku ...	13,782	20,920	14,686	22,463
	3. Yernagudem ...	1,159	1,247	1,251	1,542
	Total...	23,982	29,329	29,053	33,629

COCANADA,
21st July 1871.

(Signed) J. FRASER,
Collector.

Statement showing the Wet cultivation in the Delta for Fuslies 1278-79.

	FUSLY 1278.				FUSLY 1279.			
	AS PER EXECUTIVE ENGINEER.		AS PER REVENUE DEPARTMENT.		AS PER EXECUTIVE ENGINEER.		AS PER REVENUE DEPARTMENT.	
	Extent.	Assessment.	Extent.	Assessment.	Extent.	Assessment.	Extent.	Assessment.
	ACRES.	RS.	ACRES.	RS.	ACRES.	RS.	ACRES.	RS.
Eastern Delta ...	123,007	.....	123,340	4,37,545	128,383	.....	128,580	4,53,172
Central do. ...	81,257	.....	Omitted.	.....	86,588	.....	86,588	2,54,583
Western do. ...	176,439	.....	*141,435	*1,71,016	189,795	.....	197,092	5,16,882
Ellore canal ...	26,671	.....	23,982	29,329	35,247	.....	29,053	33,629
Total...	407,374	.....	291,757	6,37,890	440,013	.....	441,313	12,58,266

* Extent and assessment for Narsapur Taluq and assessment only for Bheemaveram are not included in these items.

(Signed) J. F. FISCHER, Major, R.E.,
Acting Superintending Engineer, 1st Division.

*Proceedings of the Madras Government, Public Works Department,
21st February 1872.*

From the Collector of the Godavery District, to the Acting Superintending Engineer, 1st Division, dated Cocanada, 21st July 1871, No. 116.

With reference to your letter, dated 5th September last, No. 1,899, I have the honour to inform you that copies of the statement which accompanied it were sent to the Tahsildars concerned with instructions to verify the same. From the information furnished to me by the Tahsildars, a statement is prepared and herewith forwarded; you will observe that the entries made in your statement for Eastern Delta are those of the Ramachendrapur, Taluq alone, while the delta consists of some other taluqs and divisions.

2. The Tahsildars of Narsapur and Amalapur were unable to give the area of Central Delta for Fusly 1278, because the accounts of that fusly show the whole extent of land charged for water, though only a portion of it was actually irrigated.

The entries of Fusly 1279 in my statement agree with those of yours for this delta.

3. A portion of the Narsapur Taluq is included in the Western Delta, and the extent, etc., of Fusly 1278 was not known for reasons given in the preceding paragraph.

4. There are variations in the areas shown in the two statements for this delta and Ellore canal, which the Tahsildars were not able to account for because no taluqwar entries were made in your statement.

No. 352. ORDER THEREON, 21st February 1872, No. 487.

IRRIGATION, No. 29.

In his letter No. 1,870, dated 2nd September 1870, the Superintending Engineer of the 1st Division pointed out that in a statement in the Administration Report of the Board of Revenue for 1869-70 the extent of wet cultivation in the Godavery District was given at 224,986 acres and the assessment at Rupees 6,32,958, while in a statement furnished by the Collector the irrigated area in the delta alone was given at 4,61,428 acres and the assessment at Rupees 12,30,142. The letter was transferred to the Board of Revenue, who called upon the Collector to submit a statement showing the land under wet cultivation in each taluq in the Godavery District, and this statement the Board forward with their Proceedings No. 2,905, dated 13th July 1871.

2. From this statement it would appear that the area irrigated and the assessment derived therefrom in 1869-70 were as follow:—

	Land.	Assessment.	Water Tax.	Total.
	ACRES.	RS.	RS.	RS.
Government ...	(b) 261,203	7,19,570	(h) 9,15,566	(d) 16,29,136
Zemindari and Inam ...	169,530	.....	5,98,622	5,98,622
Assessed, but not cultivated, classified as wet...	(a) 433,733	.....	(c) 15,14,188	(e) 22,27,768
	44,013	1,10,058	68,789	1,78,847

*Proceedings of the Madras Government, Public Works Department,
21st February 1872.*

3. With his letter No. 1,402, dated 26th July 1871, the Superintending Engineer submits a statement, dated 21st July, furnished by the Collector showing the area of land irrigated in Fuslies 1278 and 1279: from this it would appear that the area cultivated was (a) 441,313 acres and the assessment Rs. 12,58,266. The difference between the area here given and that shown above, namely, 4,33,733, may perhaps be due to one computation relating to the official year and the other to the fusly, but the amount of assessment must be altogether fictitious, inasmuch as no assessment independently of the water tax is raised on Zemindari lands; here, therefore, an element of confusion is introduced, and it is nowhere explained that the assessment of Rupees 6,32,958 to which the Superintending Engineer took exception represented the land tax on the irrigated area independently of the water tax; while, from paragraph 2 of the Board's Proceedings No. 2,905, it is stated that the water tax collected on Government lands separately from the land tax is exhibited under Land Revenue Miscellaneous, and hence it is not possible to compare the amount so collected with the water tax as given by the Collector, namely, Rupees 15,14,188; but in the statement which accompanied letter No. 2,630, dated 30th June 1871, from the Secretary to the Revenue Board the wet or Nunjah revenue received on account of irrigation in the Godavery District during Fusly 1279 or (sic) official year 1869-70 is stated to be as follows:—

	RS.
Assessment collected on wet lands	14,52,898
Water rate on dry converted into wet	1,61,907
Do. on Inam and Zemindari land	6,03,770
(e)	22,18,575

Again, in the Board's Proceedings No. 3,973 of 15th September 1871, the total irrigated area in the Godavery District is given at (b) 2,25,032 acres.

4. In the Settlement Report for 1869-70 are the following entries:—

		Assessment.
	ACRES.	RS.
Wet	(b) 244,993	6,82,147
Second crop additional ... ..	.....	2,073
Water tax ... ..	.....	9,30,584
	.....	(a) 16,14,804

Extract from statement III.

Col.	Heading.	Acres.	Rupees.	Col.
5	Ryots holding wet	224,657	6,43,668	6
11	Given up	9,273	23,550	12
17		215,384	6,20,118	18
23	Taken up	35,751	76,524	24
29		(b) 251,135	6,96,642	30

*Proceedings of the Madras Government, Public Works Department,
21st February 1872.*

Col.	Heading.	Acres.	Rupees.	Col.
	Additional ... ..	.....	2,074	34
	Water tax ... ..	.....	(h) 9,30,584	35
	Dry ... ..	.....	7,41,835	28
37	Waste remissions	14,504	23,71,135	36
38	Remissions in Statement IV.	47,109	61,613	...
	Miscellaneous ... ..	.....	(e) 23,09,522	40
	Total settled demand again.	.....	10,20,110	41
	Wet	2,51,135	33,29,632	42
	Waste remitted 6,142	26,103	6,96,642	...
	Do. charged 19,961	14,495	63,244	...
	Extent... ..	(b) 225,032	48,749	...
			6,33,398	...

5. At page 11 of Settlement Report are the following entries :—

Land Revenue.	Demand.	Collection.
Permanently settled	7,37,056	7,19,854
Shotriem Jody	30,358	29,931
Ryotwar	23,09,522	22,73,743
Miscellaneous	10,19,352	8,82,851
Sale of waste land	40,96,288	39,06,379
	758	758
Total...	40,97,046	(f) 39,07,137

While in the Administration Report of 1869-70 the land revenue is given at Rupees (f) 41,38,043.

6. The Government observe that in the entries given above there is little or no correspondence either as regards areas irrigated or assessment collected, and direct that the differences between the entries marked with the same letter may be explained, and that it may be clearly shown what is the correct amount which may be regarded as due to wet or Nujah revenue.

7. The statements furnished by the Collector appear to relate to the Godavary Delta only; if the returns from land irrigated from tanks is included under the head Miscellaneous, the assessment from such lands and their area should be stated.

8. The entry Permanently settled Rupees 7,37,056 should be explained, as it does not appear to appertain to dry land only, inasmuch as the assessment of the dry land appears from the Administration Report to be Rupees 5,66,449.

9. The entries in column 5 of Statement A in the Administration Report do not correspond with those in column 2 of statement which accompanied letter

*Proceedings of the Madras Government, Public Works Department,
21st February 1872.*

No. 2,630 from the Secretary to the Revenue Board, and should be explained.

The assessment on wet land in the former is Rupees 1,68,82,098
In the latter collection is given at 1,72,30,124
Additional water rate and on second crop 12,82,477
Water tax on Zemindari and Inam land 7,95,722

Total... 1,93,08,323

10. With discrepancies such as those noted above between the returns submitted by the Revenue Board and the Collector relative to the revenue and assessment of the Godavery for 1869-70, and in the absence of any explanation as to the cause of the differences, it is not possible for officers of the Department Public Works to check the returns from irrigation works submitted by the Collectors as they are expected to do and which they can only do by comparing the statements they receive with returns which emanate from the Revenue Board. Consequent on the inquiries of the Indian Finance Commission now sitting in London it is of importance that the question relative to the actual returns from irrigation should be considered in all its bearings, and that some definite rules should be laid down as to the manner in which those returns should be calculated. The Government desire the opinion of the Revenue Board on this important subject, which should be considered relative to each variety of land tenure and method of assessment which prevails in the Presidency.

11. The present inquiry should relate to the assessment collected on irrigated lands in each district of the Presidency as a whole, in order that it may be indicated clearly what is the actual revenue which is dependent upon irrigation, and hence what is the amount at stake if the maintenance of irrigation works is neglected owing to an inadequate provision of funds.

12. If the statement which accompanied letter No. 2,630 of 30th June 1871, from the Secretary to the Revenue Board, is correct, the inquiry might be based on that statement, it being shown of what the items against each district in that statement consist, and it should be expressly stated whether all items included under Land Revenue Miscellaneous, on account of water tax collected on Government lands in the Administration Report, are brought forward in the statement adverted to above, and in fact that no items of any sort which appertain to lands irrigated or which are dependent upon Public Works have been excluded from the statement.

(True Extract.)

Colonel, R.E.,

Secretary to Government.

To the Acting Superintending Engineer, 1st Division.

„ Revenue Department.

„ Chief Engineer for Irrigation.

„ Board of Revenue.

„ Controller of Public Works Accounts.

Exd. E. C. Slunker.

Gobt. of 1872 Madras.
PUBLIC WORKS.

To

THE ACTING SUPERINTENDING
ENGINEER, 1st Division.

&c., &c., &c.

Dated February, 21st.

Recd.

Encl.

G. O., 21st February 1872, No. 457.

FEBRUARY.

Nos. 350-352

Lands under wet cultivation in the
Godavery District.—Passing orders on Pro-
ceedings of the Board of Revenue sub-
mitting a statement showing the lands
under wet cultivation in the Godavery
District and the assessment payable
thereon.

To Mr. Governor District
Collector's Office
Cannada 21st July/71
Mr. James Francis Esquire
Collector

To Major J. F. Fisher R.E.
S. J. Esq. Engineer, 1st Division

Sir, With reference to your letter dated
5th September last No 1899, I have the honor
to inform you that, copies of the statement
which accompanied it, were sent to the
Tahsildars concerned with instructions
to verify the same. From the information
furnished to me by the Tahsildars, a statement
is prepared, and herewith forwarded. You will

observe that, the entries made in your
statement for Eastern Delta are those of
the Namachendrapur Taluq alone, while
the Delta consists of some other Taluqs
and Divisions.

Central Delta 2 The Tahsildars of Narasapur
and Amalapur, were unable to give the area
of Central Delta for Tash 1278, because
the

the accounts of that Talsi show the whole extent of land charged for water, though only a portion of it was actually irrigated.

The entries of Talsi 1279 in my statement agree with those of yours for this Delta.

3 A portion of the Marasapur Talsi, Western Delta is included in the Western Delta and the extent of Talsi 1278 was not known for reasons given in the preceding paragraph.

4 There are variations in the entries shown in the 2 statements for this Delta and Ellore Canal, which the Tahsildars were not able to account for, because the Taluqdar entries were made in your statement.

I have &c &c
 / Signed / J. Fraser
 Collector

(True Copy)
 W. T. Tucker Major R.E.
 Asst. Supt. Engrs. 1st Division

Statement showing the area of land irrigated during Talsis 1278 and 1279 in the Delta Ranges. Nov 1871

Deltas	Talsis	Talsi 1278		Talsi 1279	
		Extent Acres	Assessment Rupees	Extent Acres	Assessment Rupees
1 Eastern Delta	1 Marasapur	105,093	3,46,798	109,297	3,61,465
	2 Coaranda Division	14,381	80,142	15,901	82,226
	3 Coringa - Do	2,205	5,600	2,253	3,817
	4 Rajahmundry	1,661	5,005	1,129	3,664
	Total	1,23,340	4,37,545	1,28,580	4,53,172
2 Central Delta	1 Marasapur	"	"	3,1871	9,5074
	2 Amalapur	"	"	54,717	1,59,509
	Total	"	"	86,588	2,54,583
3 Western Delta	1 Marasapur	"	"	34,225	86,632
	2 Tanuku	63,286	1,71,016	66,567	1,89,583
	3 Bhimavaram	8,167	"	9,6300	2,40,667
	Total	1,44,453	1,71,016	1,97,092	5,16,882
4 Ellore Canal	1 Ellore	9,041	7,162	13,116	9,619
	2 Tanuku	13,782	20,920	14,686	22,468
	3 Yerraguntla	1,159	1,247	1,251	1,542
	Total	23,982	29,329	29,053	33,629

Godavary District
 Collectors Office
 Coaranda 25th July 1871

/ Signed / J. Fraser
 Collector
 (True Copy)
 W. T. Tucker Major R.E.
 Asst. Supt. Engrs. 1st Division

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No 1402
Superintendent Engineer's Office
Dowlaatabad 26 July 1871

Thru
Major J. F. Fiecher R.E.
As Superintendent Engineer
To, Major J. G. Rymer R.E.
As Chief Engineer for Irrigation
Madras.

Sir,
In answer to G.O. of the 23rd Sept 1870
No 1113, I have the honor to forward for submission
to the Government, the accompanying statement
exhibiting the extent of wet cultivation in the Delta,
as far as I have been able to ascertain of for the
years 1278, and 1279, together with copy of a letter from
the Collector, explanatory of the several items men-
tioned in the same.

2. In my letter printed with the above
G.O. I pointed out that, the Board of Revenue
had given in their administrative report for
the year 1279, the extent of wet cultivation in the
Godavery District at 2,24,986 acres, assessed
at Rs. 6,32,958 from our irrigation registers
for the Delta only, the extent is 1,40,013 acres,
and from the Collector's account the extent
is

is 4,41,313 acres, it is thus quite apparent the area entered in the Board's Administration report is incorrect, probably an error in printing, both ~~in the~~ and ~~as~~ ~~apparent~~.

3. I do not think we shall get any further increase of cultivation for some time to come, as our means of communication with the interior, and the home Markets of the Country, are as bad as can be, and comparing the population of this District with Bangalore, I dare say we are cultivating as much land as the people find it pays them to take up; it is utterly hopeless to expect that, because, water can be provided, the people will take it for the pleasure of paying a water-rate to Government; if we examine the Statement A, I formerly sent up, we shall find the average rate per acre for irrigated land the highest in those Districts which are nearest to, or have facilities of access, to the home Markets of the Country; a District like Rurnool with its wretched means of irrigating, actually paying an average rate of Rupees 7-5-0 per acre and the same rate prevailing

prevailing in Tumacvelly, both Districts having large Markets near them. This project was originally put forward based on the well known laws which regulate the increase of cultivation, and production from land, as these have been utterly neglected in developing the scheme, it is no wonder the project does not yield the results expected from it, to say nothing of the ~~assessment~~ ^{water-rate} having been fixed at a rate which for the best water supply with the cheapest means of communication is the least in the Presidency.

I have the honour to be,
Sir,
Your Most Obedt Servt.

Wm. T. Fisher Major R.E.
Sr. Superintendent Engineer
1st Division

1878-79
 1879-80
 1880-81

Showing the extent of
 Cultivation in the Delta
 for Quarters 1278 & 1279

1878
 1879
 1880

The Chief Engineer
 for Irrigation

Major General
 The Delta
 Irrigation

Statement Showing the Irrigation in the Delta for Quarters 1278 & 1279.

	Quarter 1278		Quarter 1279	
	As per Irrigation Engineer	As per Revenue Department	As per Irrigation Engineer	As per Revenue Department
Eastern Delta	12,300	12,334	12,558	12,580
Central Delta	81,257	Quitted	86,588	86,588
Western Delta	176,439	144,435	197,092	197,092
Ellore Canal	26,671	23,982	29,053	29,053
Total	407,374	291,757	440,133	440,133
		63,789		12,582

* Included and
 * Included and
 * Included and

Major General
 The Delta
 Irrigation

Recd. Secy. in
Ltr. No. 12402 d. 11
26. 7. 1872
The Secy. to the
Ld. Secy. in Ltr.
Chief Engineer for
Irrigation.

P. W. Dept
No. 437
Proceedings of the Madras Government
Under date the 21st February 1872
Read the following
Board of Revenue / A. E. No. 2905 of 13 July 1871
in the Sup. Engineer
of the 1st Division
In his letter No. 1870
dated 2nd September 1870 the
Superintending Engineer of the
1st Division pointed out
that in a statement in the
administration report of the
Board of Revenue for 1867/70
the extent of wet cultivation
in the Godavery District
was given at 224,986 acres
and the assessment at
Rs. 6,32,958 while in a
statement furnished by the
Collector the irrigated
area in the Delta alone
was

was given at 464,11.28 acres
and the assessment at Rs.
1230,142. The letter was
transferred to the Board
of Revenue who called upon
the Collector to submit a
statement showing the land
under wet cultivation in each
Taluk in the Godavary District
and this statement the Board
forward with their Pro-
ceedings No. 2905 dated 13th
July 1871.

From this statement
it would appear
that the area irrigated
and the assessment
derived therefrom in
1869-70

1869/70 were as follows.

	Land acres	Assessment Rupees	Water Tax	Total
Government (13)	264,203	7,13,570 (#)	9,15,566	16,29,136 (D)
Secondary & Sanam	(A) 1,69,530 1,33,733		5,98,622 (C) 15,14,188	5,98,622 (E) 22,27,758
Assessed but not cultivated classified as wet.	4,40,013	11,00,57	68,789	17,8,847

With his letter No. 11402
dated 26th July 1871 the
Superintending Engineer submits
a statement dated 21st July
furnished by the Collector
showing the area of land
irrigated in Fusties 1278
and 1279: from this it would
appear that the area cultivated
was (A) 1,41,313 acres and
the assessment Rs. 12,83,266.
The difference between
the

the area here given and
that shown above. Viz
Rs. 733 may perhaps be
due to one computation
relating to the official
year and the other to
the Fisk, but the amount
of assessment must be allego-
rized fictitious inasmuch
as no assessment independ-
ently of the water tax is
raised on Zemindary lands.
Here, therefore, an element
of confusion is introduced
and it is so where ex-
plained that the assess-
ment of Rs. 632,758 to
which the Superintending
Engineer took exception
represented.

27
represented the land tax
on the irrigated area inde-
pendently of the water tax,
while, from para 2 of the
Boards Proceedings No. 2905
it is stated that the water
tax collected on Government lands
separately from the land
tax is exhibited under
Land-revenue Miscellaneous
and hence it is not possi-
ble to compare the
amount so collected with
the water tax as given
by the Collector Viz Rs. 15,14,188
but in the Statement which
accompanied Letter No. 2630
dated 30th June 1871 from
the Secretary to the Revenue
Board

Board the met or Nayah
 Revenue received on account
 of Irrigation in the Sodaury
 District during Fesly 1279
 or (Sec.) Official year 1867
 is stated to be as follows:

Assessment collected on wet lands	14,52,890
Water rate on dry converted into wet	C { 1,61,707
Do on Inam & Zemindary lands	6,03,770
	E 22,18,575

Again in the Board's
 of 18973 of 15th September 1911
 the total irrigated area
 in the Sodaury District
 is given at (13) 225,032 acres

In the Settlement Report
 for 1869/70 are the following
 entries

	acres	assessment
Wet	(13) 2,44,993	(R) 6,82,115.7
2 nd Crop additional	2073	
Water tax	9,30,634	
	R. 16,11,804 (D)	

23

Extract from Statement 3

Col heading	acres	Rupies	Col
5 Ryots holding wet	2,24,657	643,668	6
11 Given up	9273	23550	12
17	2,15,384	620,118	18
23 Taken up	35,751	76,524	24
29	(13) 251,135	696,642	30
		2,074	34
Additional		(H) 9,30,584	35
Water tax		7,41,885	28
Dry		2371,135	36
37 Waste remissions	14,504	61.613	
38 Remissions in State	IV 17-109	(E) 23,09,522	40
		10,20,110	41
Miscellaneous		33,29,632	42
Total settled demand	acres	251,135	24,696,642
again			
Net			
Waste remitted	1142	26,103 { 14,495 } 63,244	
" charged	19,961		
Ex tent	(R) 225,032		633,398

At

At page 11 of Settlement Report are the following entries.

Land Revenue	Demand	Collection
Permanently settled	7,37,056	7,19,854
Shoabim Jody	30,358	29,931
Ryotwar	23,09,522	22,78,748
Miscellaneous	10,19,352	8,82,851
	40,96,288	39,06,379
Rate of waste land	758	758
	40,97,046 (F)	39,07,137

While in the administration Report of 1869-70 the Land Revenue is given as

Rs (F) 41,1,38,043.

The Government observe

that in the entries given above there is little or no correspondence either as regards areas irrigated or assessment collected and direct that the differences between

between the entries marked with the same letter may be explained and that it may be clearly shown what is the correct amount which may be regarded as due to Wet or Ryotwar Revenue.

The statements furnished by the Collector appear to relate to the Godavery Delta only; if the returns from land irrigated from Tanks is included under the head Miscellaneous the assessment from such lands and their area should be stated. The entry Churma permanently settled Rs 7,37,056 should be explained as

as it does not appear to appertain to dry land only inasmuch as the assessment of the dry land appears from the Administration Report to be Rs 5,66,447.

The entries in Col 1 of statement A in the Administration Report do not correspond with those in Col 2 of statement which accompanied letter No 2630 from the Secy to the Revenue Board and should be explained.

The assessment on wet land in the former is ———	Rs 168,82,078
In the latter the collection is given at ———	" 172,30,124
Additional water rate and on 2nd Crop ———	" 12,82,477
Water tax on Geminatory and Swamp land ———	7,75,732
	173,08,328

With discrepancies such as those noted above between the returns submitted by the Revenue Board and the Collector relative to the Revenue and assessment of the Godavery for 1869/70 and in the absence of any explanation as to the cause of the differences it is not possible for officers of the D.P.W. to check the returns from Irrigation works submitted by the Collectors as they are expected to do and which they can only do by comparing the statements they receive with returns which emanate from the Revenue Board.

Consequent on the enquiries of the Indian Finance Commission now sitting in London it is of importance that the question relative to the actual returns from Irrigation should be considered in all its bearings and that some definite rules should be laid down as to the manner in which those returns should be calculated. The Govt desire the opinion of the Revenue Board on this important subject which should be considered relative to each variety of land tenure and method of assessment which prevails

prevails in the Presidency. The present enquiry should relate to the assessment collected on irrigated lands in each District of the Presidency as a whole, in order that it may be indicated clearly what is the actual Revenue which is dependent upon Irrigation and hence what is the amount at stake if the maintenance of Irrigation Works is neglected owing to an inadequate provision of funds.

If the statement which accompanied letter No. 2630 of 30 June 1871 from the Secy to the

Revenue Board is correct.
 The enquiry might be
 based on that statement
 it being shown of what
 the items against each
 District in that state-
 -ment consist and it
 should be expressly
 stated whether all items
 included under Land
 Revenue Miscellaneous
 on account of water tax
 collected on Govt lands
 in the Administration
 Report, are brought for-
 -ward in the statement
 adverted to above and
 in fact that no items
 of any sort which apper-
 -tain to lands irrigated
 or which are dependent
 upon Public Works
 have

have been excluded from
 the statement.

H.
 Jan 5
 for Govt. Secy.

50
 67

- 6 To the Insp. & Engin. Insp.
- 2 1 " Rev. Secy.
- 5 " Ch. Engineer for Engin.
- " " Board of Rev.
- " " Controller

Recd 23/2/72

C/2.355-8
 Govt. of 1872 Madras.
 PUBLIC WORKS.

To The Superintending Engineer
1st Division

10-20

Encl. 4

Rep. J.

U. 021: July 1872, No. 487.

Nos. 357 (a) 352

Anda sudah beres dalam hal ini
ke dalam hal ini. Ya, ini benar

To Cash

A Pm. Recd. from Mr. J. H. Brown
for a statement showing
the cash under m. & c. of the
to the Gadsden Co. &
the shipment payable
to the same.

12618 Lang/72 R.234

20 May 1942