

(1) Number of pages 8.(2) Date of repair 2. 7. 1965(3) Initials of the Referencer SS

MADRAS RECORD OFFICE

Government of Madras

Revenue DEPARTMENT

G.O. No.	60	Press
~~B.P.~~ No.		Mis.
Dated	10. 1. 1872	195

Not to be folded or roughly handled

I HAVE the honour to forward the following statements of irrigation and rainfall for the years 1869-70 and 1870-71 as received from the Collectors of Madura and Tinnevely, who state that they have been prepared in conformity with the instructions conveyed in your letter to my address, No. 152, dated 11th August last, which was duly communicated to the Collectors.

3. The form prescribed in G. O., the statement in question, appears to me to have been prepared with great care and forethought, and as the statements now submitted were prepared in conformity with that form, and were forwarded to the Revenue Department prior to the receipt of your circular memorandum, No. 37, dated 17th September 1869, I do not consider that it is quite fair to the Revenue Department to refer the statements again to the Collectors for revision, as directed in your circular, inasmuch as the statements were prepared in conformity with the form prescribed by the Revenue Department to ascertain accurate information, and as the statements, if true, will no doubt be treated as a hardship, and will probably lead to their requesting additional aid to enable them to accomplish the result required, or possibly to their stating their inability to supply such information at all.

5. As regards the statement constantly varying," this is an opinion. In one talook and seashore there is perhaps under certain conditions. In one talook because the bed of a similar river is cultivated, it does not follow that that talook an enterprising planter cuts cardamums or what not. And, although be cultivated, it surely does not follow

6. Under the above circumstances, if you are not satisfied with the explanation offered by Government, as to why the Government has not issued the distinct instructions being issued to the Government, it is not understood by the term 'culturable land.'

PUBLIC WORKS DEPARTMENT, IRRIGATION OPERATION OF FUSLY 1279.

Comparative Statement of Irrigation and Rainfall for Fuslies 1278 and 1279 in the District of Madura.

AREAS IRRIGATED.																	RAILWAY.				Remarks.
Talooks.	Area in Cultivated area in Acres.	FIRST CROP CULTIVATION, FUSLY 1279.				SECOND CROP CULTIVATION, FUSLY 1279.				WHOLE FUSLY 1279.				Per-cent. age of in-crease or decrease in Fusly 1279.	Fusly 1278.	Fusly 1279.	Per cent- age of in-crease or decrease in Fusly 1279.				
		In comparison with Fusly 1278.		Total Acres.	In comparison with Fusly 1278.		Total Acres.	In comparison with Fusly 1278.		Total Acres.	In comparison with Fusly 1278.		Total Acres.								
		In-crease.	De-crease.		In-crease.	De-crease.		In-crease.	De-crease.		In-crease.	De-crease.									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17					
Venacolum	251,500	12,000	...	...	...	...	...	...	...	...	...	...	...	...	...	...					
Dindigul...	574,214	214,591	12,868	2,222	...	2,643	...	1,471	15,411	310	...	...	11 575	51 80	...	...					
Palani ...	213,286	107,955	9,182	174	...	3,561	1,376	...	12,743	1,550	...	...	24 345	34 76	...	...					
Sittanendal, etc., villages	2,071	350	323	49	...	...	...	...	...	49	...	...	12 425	32 60	...	...					
Total...	1,399,453	845,399	114,939	15,401	...	20,495	1,376	14,840	144,434	3,361	1,324	...	...	...	...	...					
																	Comparison with Fusly 1278, the most recent famine year.	Fusly 1276. Acres. 135,134	Fusly 1279. Acres. 144,434		
																	1st crop }	2nd "			

RAYNAAD.

RAMNAAD,

10th October 1871.

Net Increase ... 1,937

(Signed) R. A. ROBERTS, Lieut.-Colonel, R.E.,
Superintending Engineer, 8th Division.

(Signed) W. McQUHAE,
Acting Collector.

PUBLIC WORKS DEPARTMENT, IRRIGATION OPERATION OF FUSLY 1280.

Comparative Statement of Irrigation and Rainfall for Fuslies 1279 and 1280 in the District of Madura.

AREAS IRRIGATED.														RAILWAY.				Remarks.
Talooks.	Area in Acres.	Cultivated area in Acres.	FIRST CROP CULTIVATION, FUSLY 1280.		SECOND CROP CULTIVATION, FUSLY 1280.		WHOLE FUSLY 1280.		Per-cent. age of in-crease or decrease in Fusly 1280.	Fusly 1279.	Fusly 1280.	Per-cent. age of in-crease or decrease in Fusly 1280.	Fusly 1279.	Fusly 1280.				
			In comparison with Fusly 1279.		In comparison with Fusly 1279.		Total Acres.	In. De-crease,crease.							In. De-crease,crease.			
			Total Acres.	In. De-crease,crease.	Total Acres.	In. De-crease,crease.												
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17		
Madura				598	...	7,575	...	2,370	42,639	...	1,773	...	27,425	41	41	...		
				...	39	1,320	...	768	...	...	...	...	...	...	...	...		
Dindigul	...	374,214	221,892	12,871	1,603	...	3,017	474	...	10,888	1,477	...	51	80	25	75	...	
Palani ..	...	213,286	106,587	8,469	...	713	2,997	...	564	11,466	...	1,247	...	34	76	34	71	...
Sittanendal, etc., villages	...	2,071	350	359	36	...	...	...	...	359	36	...	...	32	60	27	735	...
Total...	1,399,453	850,359	112,200	2,408	5,347	28,458	4,001	5,128	140,658	1,513	5,289	...	...	...	20	595	...	...
												...	...	...	217	855	...	...
MADURA,																		

MADURA,

25th October 1871.

Net Decrease ... 3,776

(Signed) R. A. ROBERTS, Lieut.-Colonel, R.E.,
Superintending Engineer, 8th Division.

(Signed) W. McQUHAE,
Acting Collector.

Comparative Statement of Irrigation and Rainfall for the year 1869-70 and 1870-71 in the District of Tinnevely.

Talooks.	Area in Acres.	Cultivated area in Acres.	AREAS IRRIGATED.														RAILWAY.	
			KAR.		PESHANAM.		WHOLE YEAR 1870-71.						1869-70.	1870-71.	Per cent. age of Increase or De-crease in 1870-71.			
			1869-70.	1870-71.	In-crease.	De-crease.	1869-70.	1870-71.	In-crease.	De-crease.	Per cent. age of Increase or De-crease in 1870-71.	1869-70.				1870-71.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
Incar																		
Strivilliputar	...	341,240	1043	13,766	117	...	26,85	13,092	10,171	...	2,921	14,135	11,367	...	2,768	19 1/2	34 9/4	47
Satur	...	296,403	772	1,100	328	...	20,572	19,792	...	780	21,844	20,692	...	453	...	2 1/2	29 3/5	9
Ottapedaram	...	733,903	1,099	795	...	394	3,104	3,043	...	61	4,203	3,748	...	455	...	10 1/2	39 6/8	27
Nanguneri	...	336,538	923	474	...	449	3,083	2,893	...	190	4,006	3,367	...	639	...	15 1/2	29 3/8	23
Ambasandram	...	194,156	5,545	7,005	1,460	...	28,577	30,740	2,163	...	34,122	37,745	3,628	...	...	10 1/2	38 6/7	18
Tenkasi	...	215,845	10,088	9,390	...	798	22,762	21,195	...	1,567	50,426	50,832	456	...	...	7 1/2	47 8/6	22
Total...	...	3,082,823	64,663	63,571	2,058	3,150	179,335	177,555	3,592	5,772	243,998	241,126	4,079	6,951	...	1 1/2	336 7/0	262 0/7

*The area, as per quinquennial account, namely, 3,292,800 acres, was run off from the Map. This, namely, 3,082,823 acres, is worked up from the Curram's details, the difference is 209,977 acres.

(Signed) R. A. ROBERTS, Lieut.-Colonel, R.E.,
Superintending Engineer, 8th Division.

(Signed) R. K. PUCKLE,
Collector.

Comparative Statement of Irrigation and Rainfall for the year 1868-69 and 1869-70 in the District of Tinnevely.

Talooks.	AREAS IRRIGATED.																RAILWAY.	
	Area in Acres.	Cultivated area in Acres.	KAR.		PESHANAM.				WHOLE YEAR 1869-70.						1868-69.	1869-70.	Per cent. age of Increase or De. crease in 1869-70.	
			1868-69.	1869-70.	In-crease.	De-crease.	1868-69.	1869-70.	In-crease.	De-crease.	1868-69.	1869-70.	In-crease.	De-crease.				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
																Incres.	Dec.	
Strivilliputar	...	389,746	130,709	1,657	1,000	...	...	...	...	...	22,421	21,344	...	1,077	4 1/2	33 3/8	30	8
Satur	...	341,240	167,013	2,097	77	...	...	...	...	...	4,348	4,203	...	145	3 1/2	31-89	...	76
Ottapedaram	...	296,403	135,411	1,503	1,099	...	404	2,845	3,104	259	...	3,630	4,006	376	...	1 1/2	27-33	...
Nanguneri	...	733,803	152,390	565	923	...	...	3,044	3,983	39	...	38,714	34,122	...	4,592	11 1/2	21-96	...
Ambasamudram	...	356,538	232,069	8,400	5,545	...	2,800	30,309	28,577	...	1,732	50,567	50,426	...	141	4	39-13	...
Tenkasi	...	194,156	131,908	19,033	19,310	...	373	30,884	31,110	232	...	33,419	32,850	...	568	1 1/2	47-86	...
Total...	...	215,845	73,822	10,400	10,088	...	812	22,518	22,762	244	...	219,720	213,998	934	6,656	2 1/2	38-75	23
																274-71	336-70	

* The area, as per quinquennial account, namely, 3,292,800 acres, was run off from the Map. This, namely, 3,082,823 acres, is worked up from the Curram's details, the difference is 209,977 acres.

(Signed) R. A. ROBERTS, Lieut.-Colonel, R.E.,
Superintending Engineer, 8th Division.

(Signed) R. K. PUCKLE,
Collector.

*Proceedings of the Madras Government, Public Works Department,
6th January 1872.*

N. 198

No. 37A.

Note to the Superintendent Engineer for Irrigation.

With letter No. 2,926, the Superintendent Engineer of the 8th Division submits statement on and rainfall for the years 1869-70 and 1870-71 in the districts of Tinnevely, and takes exception to a requisition from this office that the entries in column 2 of the statement should represent the culturable area in each talook, and not the area of the talook itself.

2. Column 2 of the statement headed 'area in acres' and column 3 'cultivated area in acres.' In the returns from some of the districts the total area of the talooks is given in column 2, and in those from others the culturable area is given; to ensure uniformity in the preparation of the statements the Superintendent Engineers were requested to enter the culturable area in column 2, and the cultivated area in column 3. Reference was given to this entry because the culturable area is constantly increasing by the reclamation of swamps or by encroachments on jungle, etc., and the area actually cultivated from time to time affords an idea of the material progress and improvement of the talooks, or indicates at a glance where the cultivation is not increasing, and where an enquiry why one portion of a district is improving more rapidly than another, and what may be done to stimulate the cultivation in, and the improvement of the more backward or less prosperous portions of a district.

3. Nothing can be learnt from a comparison between the cultivated area and the whole area of one talook, or between the cultivated area and whole area of another talook, because the circumstances of the various talooks differ very materially; one talook may be very small, and the proportion of culturable area to the area of the talook be very small, while the cultivated area may bear a large proportion to the culturable area, and a small increase of cultivation may be looked for, though on a comparison of the area cultivated with the total area of the talook, the talook may appear to be in a very backward condition when it is not really so, while another talook may have a large culturable area compared with the area of the talook and a comparatively small cultivated area to the culturable area, though the former would bear a larger proportion to the area of the talooks than in the case of the latter talook adverted to above, and hence any deduction drawn from a comparison of the conditions of the two talooks from the entries given in columns 2 and 3 of the statement would prove to be erroneous.

4. It would perhaps be well to introduce another column into the statement, in which the area of the talook should be given.

5. With reference to paragraph 3 of Colonel Roberts' letter, he does not appear to be aware that the statements submitted by him have not been prepared alike, inasmuch as the entries in column 2 of the Tinnevely statements contain the areas of the talooks, while column 2 of the Madura statements contains the culturable area only, the total area of the district as given by the Revenue

* 1,399,453 acres.

No. 3,973, 15th September 1871, and being 5,186,560 acres and the culturable area 1,402,292 acres. As the

*Proceedings of the Madras Government,
6th January 1872.*

*Public Works Department,
1872.*

culturable area of all districts is given in the Collectors would have no difficulty in obtaining the information required.

6. Though in the abstract the definition of culturable area of a district, in paragraph 5, relative to what should be correct in his statements, and that that area cannot vary, there should be no necessity to alter the definition of culturable land as it is in this Presidency, and which does not include barren, jungle, and swamps.

Fort St. George, (Signed)
23rd November 1871.

Board's Proceedings quoted above, information required.

be correct in his statements of culturable area of a district, there should be no necessity to alter the definition of culturable land as it is in this Presidency, and which does not include barren, jungle, and swamps.

F. OAKES, Captain, R.E.,
Acting Chief Engineer for Irrigation.

No. 38.

ORDER THEREON,

IRRIGATION, No. 6.

rainfall to be headed 'areas of the talooks' and 'area in acres' to what will now be the 'culturable area' and 'cultivated area'. (True)

January 1872, No. 19.

The Government approve of the introduction of an extra column in the statement of irrigation and the 'culturable' will be added to the end of the statement.

W. L. L. L.

Captain, R.E.,

Secretary to Government.

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

Exd. S. T. Augustin.

204/1000/1000

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Govt. of 1872 Madras.

PUBLIC WORKS.

SUPERINTENDING ENGINEERS,

do. do. do.

Dated January 6th.

Recd. &

10th.

Encl.

G. O., 6th January 1872, No. 19.

JANUARY.

Nos. 37-38

Comparative Statement of Irrigation and Rainfall.—The introduction of an additional column in the comparative statement of irrigation and rainfall, approved.

77-60.

2/10/10

10/10/10