

(1) Number of Pages..... 8

(2) Date of repair..... 3. 6. 68

(3) Initials of the Referencer..... *22.1.68*

MADRAS RECORD OFFICE

GOVERNMENT OF MADRAS

Revenue DEPARTMENT

G.O. No.	381	Press
B.P. No.		Mis.
Dated	25. 2. 1875	196 .

Not to be folded or roughly handled

1 F

*Proceedings of the Madras Government, Public Works Department,
20th February 1875.*

No. 508. Read the following endorsement of the Chief Engineer for Irrigation, dated Fort St. George, 25th January 1875, No. 3 :—

From J. H. LATHAM, Esq., Chief Engineer and Manager of the Madras Irrigation and Canal Company, to Lieutenant-Colonel J. MULLINS, R.E., Chief Engineer for Irrigation, dated Kurnool, 16th January 1875, No. 6.

December Reports.

I HAVE the honor to enclose* copies of the Upper and Lower Sections Reports together with my own, for the month of December 1874.

* Per Book post.

MADRAS IRRIGATION AND CANAL COMPANY.

MONTHLY REPORT FOR DECEMBER 1874.

Upper Sections.

THERE is little to report for this month. The weather has been fine and dry, and the rivers seem to have fallen to the average level for the month of December as in former years.

I fear the increase in irrigation, which was expected to follow the institution of the new rules and water-rates, has failed in these sections.

The first crops are altogether a little more extended than last year, and it is I think satisfactory that in some cases the increase has been very considerable, while the decrease is confined to certain villages in the Ramalcotta Taluq and a few villages near Nundicotkur.

The floodings which at 1 Rupee per acre amounted to 771·65 last season have been this year superseded by the 2 Rupee rate for dry crops. As yet only 14 acres have been applied for at the latter rate.

It is probable that second crops will be much increased as to area though scarcely as to revenue, for the new rules have reduced the rates.

It is expected that many acres of indigo will require watering either at the rate of Rupee 1 per month per acre or at Rupees 4 per crop.

At present the account stands thus :—

							ACRES.
Irrigation at Rupees 6 per month	...	...	...	...	...	...	2,707·49
Do. at „ 5	„	„	„	„	„	„	9·76
Do. at „ 4	„	„	„	„	„	„	340·78
Do. at „ 3	„	„	„	„	„	„	771·01
Do. at „ 2	„	„	„	„	„	„	13·91
Total							3,842·95

Applications are now coming in for second crops, and for the gardens, etc., at the monthly rate.

Several repairs will be carried on this month, principally in raising banks to the full height. The health of the staff has been good during the month.

The nominal roll was passed for payment on the 8th December 1874, and the men were paid from the 8th to 18th December 1874. The rainfall was almost nil.

The usual detailed statement of irrigation is enclosed, with an abstract comparing the seasons, 1873-74 and 1874-75 as to first crops only.

(Signed) C. H. WILKS,
Conservancy Engineer.

Proceedings of the Madras Government, Public Works Department,
20th February 1875.

MADRAS IRRIGATION AND CANAL COMPANY.

UPPER SECTION.

Comparative Statement of First Crop Irrigation for Seasons 1873-74 and 1874-75.

	Wet, 1st crop, 1873-74.		Wet, 1st crop, 1874-75.		Increase.		Decrease.		
<i>Ramalcotta Taluq.</i>									
Soankasala ...	18	60	12	83	...	...	5	77	
Konthalpaud ...	7	32	3	81	...	...	3	51	
Yedaroor ...	55	99	65	30	9	31	...	...	
Gopala Singavaram ...	52	80	56	71	3	91	...	...	
Nidgoor ...	69	39	27	50	28	11	...	...	
Moongalpaud ...	60	31	62	73	2	42	...	...	
Mamdialpaud ...	58	99	59	41	0	42	...	...	
Reja ...	15	74	11	22	...	...	4	52	
Kurnool ...	7	60	7	71	0	11	...	...	
Kulloor ...	410	75	363	50	...	...	77	25	
Zorapoorum ...	116	72	76	90	...	...	39	82	
Total ...	904	21	817	62	44	28	130	87	Actual decrease 86.59 acres.
<i>Nundicottur Taluq.</i>									
Rudravaram ...	63	34	48	03	...	...	15	31	
Poodoor ...	34	93	15	75	...	...	19	18	
Ulloor ...	15	65	25	51	19	86	...	...	
Satanicota ...	133	89	69	21	...	...	64	68	
Mullayala ...	123	63	103	54	...	...	25	09	
Mudigutta ...	46	74	36	24	...	...	10	50	
Rejinisegmulla ...	31	23	11	67	...	...	19	61	
Nagatoor ...	96	45	68	45	...	...	22	00	
Moovakonda ...	55	71	69	63	13	92	...	...	
Veerapoorum ...	80	21	85	37	5	06	...	...	
Vellala ...	16	81	21	67	4	86	...	...	
Moochoomurry ...	426	39	396	83	...	...	29	56	
Palmurry ...	44	35	20	58	...	...	23	78	
Reeravol ...	95	78	85	34	...	...	10	44	
Pratacota ...	142	60	194	54	44	94	...	...	
Puggydial ...	146	04	103	84	...	...	42	20	
Lutehoomapoorum ...	1	57	1	01	...	...	0	56	
Ganapavaram ...	257	88	333	29	75	41	...	...	
Toomaloor ...	1	00	4	25	3	25	...	...	
Thattipaud ...	37	05	61	94	24	89	...	...	
Bollavaram ...	26	83	27	26	0	43	...	...	
Terrigupully ...	7	30	10	37	3	07	...	...	
Bunnoor ...	29	03	54	05	24	97	...	...	
Jatoor ...	93	22	143	42	50	20	...	...	
Chelimela Rudravaram ...	143	23	246	51	103	28	...	...	
Pamalpaud ...	158	75	258	01	99	26	...	...	
Tudicherla ...	53	82	30	36	...	...	23	46	
Cumbalpaud ...	77	26	74	87	...	...	2	39	
Muddoor ...	10	38	10	52	0	14	...	...	
Ranakacherla ...	3	54	23	14	19	60	...	...	
Wanala ...	77	61	13	53	...	...	64	08	
Regadigoodoor ...	4	49	47	78	43	24	...	...	
Velapanoor ...	71	38	45	61	...	...	25	77	
Korrapolloor ...	7	13	17	13	10	00	...	...	
Vempenta ...	...	...	2	72	2	72	...	...	
Total ...	2,626	43	2,776	92	549	10	398	61	Actual increase 150.49 acres.
<i>Nundial Taluq.</i>									
Rilonigoodoor ...	52	67	63	73	11	06	...	...	
Pesaravoy ...	10	03	51	21	41	13	...	...	
Karimadala ...	11	21	60	14	48	93	...	...	
Parmatoor ...	8	83	21	68	12	85	...	...	
Kortamnddi ...	...	...	0	84	0	84	...	...	
Bundiatmakur ...	4	26	1	00	...	...	3	26	
Kakanoor ...	...	...	11	09	11	09	...	...	
Yerraguntla ...	...	...	20	89	20	89	...	...	
Boganum ...	...	...	12	44	12	44	...	...	
Tirrepaud ...	12	14	3	19	...	...	8	95	
Booganoor ...	7	55	2	20	...	...	5	35	
Total ...	106	74	248	41	159	23	17	56	Actual increase 141.67 acres.
Grand Total ...	3,637	38	3,842	96	752	61	547	04	Actual increase 205.57 acres.

(Signed) C. H. WILKS,
Conservancy Engineer.

Proceedings of the Madras Government, Public Works Department,
20th February 1875.

UPPER SECTION.
Abstract of Applications received up to 4th January 1875.

APPLICATIONS RECEIVED FROM 3RD DECEMBER 1874 TO 4TH JANUARY 1875.															
	At Rupees 6.		At Rupees 5.		At Rupees 4.		At Rupees 3.		At Rupees 2.		Special.		Total.		Grand total up to 4th January 1875.
	ACRES.	CENTS.	ACRES.	CENTS.	ACRES.	CENTS.	ACRES.	CENTS.	ACRES.	CENTS.	ACRES.	CENTS.	ACRES.	CENTS.	
<i>Ramalcotta Taluq.</i>															
Soankasala...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	83
Konthalpaud...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	12
Yedaroor...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3
Gopala Singavaram...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	65
Nidgoor...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	30
Moongalpaud...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	71
Mamudalpaud...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	56
Boja...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	71
Kurnool...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	97
Kulloor...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	50
Zorapoorum...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	73
Total...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	41
<i>Nundicottur Taluq.</i>															
Rudravaram...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	53
Poodoor...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	46
Ulloor...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	15
Satanicota...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	35
Mullayala...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	51
Mudigutta...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	84
Bejuseemula...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	37
Nagatoor...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	69
Moovakonda...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	20
Veerapoorum...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	39
Vellala...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	29
Moochoomurry...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	9
Palmurly...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	92
Beemyci...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	38
Pratacota...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	64
Puggydial...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	51
Luchoomapoorum...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	85
Ganapavaram...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	27
Toomaloor...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	83
Thattipaud...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	63
Hollavaram...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	27
Terrigupully...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	85

*Proceedings of the Madras Government, Public Works Department,
20th February 1875.*

7. My Overseers and Amins had been doing their best to supply water tickets to all ryots asking for them in the Cuddapah District, and to measure those fields where water was taken without applications made; but on the 3rd December I received a letter from the Deputy Collector of Cuddapah requesting me to discontinue giving the ryots tickets in order that his Curnums might prepare the canal cultivation accounts, but up to this time I have received no such statements from any of the Revenue authorities, though according to Rule XIV. such a statement should be forwarded to the Chief Engineer from the Tahsildar at the commencement of every month.

General.

8. On the 8th and 11th of December, Colonel Moberly inspected and counted all the stores at Admapully and Dhoor; very few deficiencies were found at either station. During the month I took count of all the plant at Admapully, and Mr. Dunphy did the same at Ayaloor, Jutoor, and the other stations in his range; as soon as I can find time to count those at Dhoor, my report on the whole will be forwarded.

9. From the 2nd to the end of the month I was at Kurnool for the Christmas holidays, but Mr. Dunphy remained at Ayaloor in charge during my absence.

10. The rainfall at Dhoor during December was only 0.02 inches; none was recorded at any other station.

Dhoor,
8th January 1875.

(Signed) A. J. DODSON,
Conservancy Engineer.

Chief Engineer's Report to accompany the Divisional Reports for December 1874.

The work done in going over old ground and making thoroughly good all canal banks, road-bridges over channels, and indeed the whole range of works, small and great, has been work from its nature making little show, one may say none in proportion to the thought and personal attention required, but the whole effect has now become very striking; and three seasons of such work have given the canal itself, and all the Company's outlying property, a finish already worthy of the importance of the project as a bulwark against national famine and a boon to the local villagers. It may be confidently predicted that three years more will see a similar advance, and especially in the improvement of the tow-path by metalling, the establishment of better system in managing the timber growing on the Company's land, and the fencing of the canal.

2. I enclose a statement showing the revenue of last year compared with the expense of the conservancy staff, showing practically an equality. The character of the irrigation during the current year seems to be, in the Kurnool District, a falling off, or loss of buoyancy in the irrigation of old villages, coupled with a somewhat timid trial of it in new villages, the balance being in favor of increase. The above applies to first crop only, and indicates that there would have been a falling off had it not been for the vigorous extension and improvement of channels in the 5th and 6th sections during the last two years. I believe we are indebted to the Deputy Collector for the commencement of irrigation in many of the villages newly reticulated in Nundial Taluq.

3. In the Prodatur Taluq, in Cuddapah District, there has been no extension of channels to new villages, for Mr. Dodson informs me that such extensions are confined to the northern villages of the Cuddapah Taluq; but in the Prodatur Taluq the increase of irrigation is about 75 per cent. In that taluq the water has been supplied on demand made through the Company's Overseers.

4. The subject of navigation was discussed for three days by the Divisional Engineers and myself, and all the details of probable expense worked out. The result was a modification of some of the plans which had been prepared. My whole time, available from absolutely necessary work, has been given to carrying this out; and I feel confident of being able to give the result of our deliberations in the course of a fortnight.

Kurnool,
12th January 1875.

(Signed) J. H. LATHAM,
Chief Engineer and Manager.

*Proceedings of the Madras Government, Public Works Department,
20th February 1875.*

SUBMITTED for the information of Government.

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

No. 509.

ORDER THEREON, 20th January 1875, No. 493.

IRRIGATION, No. 35.

ORDERED to be recorded.

2. The exertions of the Special Deputy Collector are noticed with satisfaction.

(True Extract.)

C. M. Walker Colonel, R.E.,
Secretary to Government.

To the Chief Engineer for Irrigation.
" " and Manager of the Madras Irrigation and Canal Company.
" Revenue Department.
" Collector of Kurnool.
" " of Cuddapah.

No 690
Revenue Department
Govt. of 1875 Madras.
PUBLIC WORKS.

To

THE CHIEF ENGINEER FOR IRRIGATION.

&c., &c., &c.

48th.

Dated February 20th.

Recd. — *a-24* : Encl.

G. O., 20th February 1875, No. 498.

FEBRUARY.

Nos. 508-509

Dis Miss

Madras Irrigation and Canal Company.
The report on the works of the — for the
month of December 1874, recorded, and
the exertions of the Special Deputy Collec-
tor noticed with satisfaction.

N^o 381
Comm. to the
Board of Revenue
C. M.

14 To the Board of Revenue, 13/2/75