

(1) Number of pages _____

(2) Date of repair _____

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MADRAS RECORD OFFICE

Government of Madras

Public Works DEPARTMENT

G.O. No.

B.P. No.

477-80 (9)

Press

Mis.

Dated

22 2.

18 76.

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
22nd February 1876.*

No. 398. Read the following endorsement of the Chief Engineer for Irrigation, dated 2nd February 1876, No. 2 :—

D.
SEASON 1874-75.

Annual Statement showing the Full Demand, Remissions, and Net Demand for Irrigation and Water Supply under the Madras Irrigation and Canal Company's Canal.

Description of Irrigation or Supply.	AREAS.		Water.	Full Demand.			Remissions.			Net adjusted balance of demand for supplies actually received.		
	Acres.	Decimals.										
1st Crop, Ordinary ...	927	23	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
	705	79	6 0 0	5,563 6 5	286 1 2	5,277 5 3	74 4 11	3,454 10 9	7,486 15 6	103 10 10	0 2 9	...
	1,945	43	4 0 0	7,781 19 9	294 11 3	7,486 15 6	401 10 7	5,083 13 8	103 10 10	0 2 9	...	...
	1,828	46	3 0 0	5,485 8 3	...	...	...	...	...	...	...	...
	51	82	2 0 0	103 10 10	...	...	...	...	...	...	...	...
	16	58	1 0 0	16 9 3	16 6 6	...	...	...	...	...	...	...
	5,475	33	...	22,479 13 2	1,073 2 5	21,406 10 9						
Do. without application.	24	51	6 0 0	147 1 3	2 8 8	144 8 7						
	24	23	5 0 0	121 2 7	...	121 2 7						
	57	74	4 0 0	230 14 10	26 2 6	204 12 4						
	93	20	3 0 0	279 11 0	14 8 3	265 2 9						
Penalty ...	...	...	...	...	...	...						
	...	...	...	40 8 7	...	40 8 7						
	202	10	...	892 0 11	43 3 5	778 13 6						
Total of 1st Crop ...	5,677	43	...	23,301 14 1	1,116 5 10	22,185 8 3						
2nd Crop, Ordinary ...	151	79	6 0 0	910 11 11	48 4 10	862 7 1						
	80	89	5 0 0	404 7 0	4 10 11	399 12 1						
	472	30	4 0 0	1,889 1 10	35 11 6	1,853 6 4						
	382	31	3 0 0	1,146 14 2	24 13 11	1,122 0 3						
	306	96	2 0 0	613 14 10	29 9 0	584 5 10						
	20	40	1 8 0	30 9 7	...	30 9 7						
	141	69	1 0 0	141 11 1	30 15 8	110 11 5						
	1,556	34	...	5,137 6 5	224 1 10	4,913 4 7						
Do. without application.	10	94	6 0 0	65 10 4	...	65 10 4						
	1	70	5 0 0	8 8 0	...	8 8 0						
	36	48	4 0 0	145 14 6	0 10 6	145 4 0						
	2	80	3 0 0	8 6 5	...	8 6 5						
Penalty ...	7	11	2 0 0	14 3 7	2 2 7	12 1 0						
	1	65	1 9 0	1 10 5	0 5 4	1 5 1						
	60	68	...	10 11 7	...	10 11 7						
Total of 2nd Crop ...	1,617	02	...	5,392 7 3	227 4 3	5,165 3 0						
Town supply ...	...	...	...	4,000 0 0	...	4,000 0 0						
Total of 1st and 2nd Crops	7,294	45	...	32,694 5 4	1,343 10 1	31,350 11 3						
Land cultivated out of those made over to the Company ...	1,711	35	...	1,373 10 8	...	1,373 10 8						
Grand Total ...	9,005	80	...	34,068 0 0	1,343 10 1	32,724 5 11						

* Granted under Sections IX. and X. of the Irrigation Rules.

(Signed) W. S. FOSTER,
Acting Collector.

Kurnool,
24th January 1876.

Proceedings of the Madras Government, Public Works Department,
22nd February 1876.

Annual Statement showing the Full Demand, Remissions, and Net Demand for Irrigation and Water Supply under the Madras Irrigation and Canal Company's Canals in the District of Cuddapah.

Description of Irrigation or Supply.	Area.	Water-rate per Acre.	Full Demand.	Remissions.	Net Demand.	Fine.	Total Demand.	
							RS.	A. P.
First crop	29 461 647 1,613 1,548 58	74 51 84 31 21 95 59 28 177 877 639	356 13 10 2,769 2 7 3,240 9 7 6,420 8 6 4,644 11 2 117 14 7 108 5 5 465 12 6 1,716 15 3 684 5 6	RS. A. P. 11 14 5 215 3 9 400 12 11 788 12 10 1,117 14 4 ... 91 0 4 154 7 5 46 6 10	RS. A. P. 341 15 5 2,553 14 10 2,839 12 8 5,631 11 8 3,526 12 10 117 14 7 108 5 5 371 12 2 1,542 7 10 617 11 8	RS. A. P. 1 5 5 55 3 7 36 8 3 37 2 7 18 3 10 0 12 0 ... 0 8 0 111 10 6 12 5 0	RS. A. P. 2,316 4 10 2,539 2 5 2,876 4 11 5,008 11 3 3,545 0 8 118 10 7 108 5 5 372 4 2 1,654 2 4 630 3 8	125 8 0
Second crop	...	...	...	...	...	...	...	...
Irrigated by both the Government and canal water	...	...	...	...	...	...	...	...
Total	6,114	97	20,120 11 8	2,819 8 10	17,781 2 10	253 11 2	48,034 14 0	...

(Signed) A. KRISHNA ROW,
Acting Deputy Collector.

(Signed) W. D. HORSLEY,
Collector.

15th November 1875.

Proceedings of the Madras Government, Public Works Department,
22nd February 1876.

SUBMITTED for the information of Government.
The total area of irrigation was as follows:—

						1873-74.	1874-75.	Difference.		
						ACRES.	ACRES.	ACRES.	Increase. Decrease.	
Kurnool	...	...	...	...	...	6,974	9,006	2,032		
Cuddapah	...	...	...	...	...	6,381	6,115	266		
						13,355	15,121	1,766		

The increase in Kurnool was 29 per cent., while in Cuddapah there was a decrease of about 4 per cent.

2. The revenue derived from irrigation was—

						1873-74.	1874-75.	Difference.		
						RS.	RS.	RS.		
Kurnool	...	...	...	...	...	37,492	32,724	4,768	Decrease.	
Cuddapah	...	...	...	...	...	25,006	18,035	6,971	Do.	
Total						...	62,498	50,759	11,739	

showing a decrease on the whole of 18.8 per cent. nearly on that of the preceding year, while in Kurnool it was nearly 13, and in Cuddapah amounted to nearly 28, per cent. In Cuddapah also the remissions were 13.8 per cent. on the full demand.

3. The average water-rate was in—

		1873-74.	1874-75.
Kurnool	Cuddapah	RS. 5.38	RS. 4.2
		3.92	2.95

4. The general results of the last season's irrigation are very far from satisfactory. Had the area increased even to the small extent of the difference between 1872-73 and 1873-74, *viz.*, acres 3,933, there would have been ground for hoping that the use of the canal water was becoming more popular, but though in Kurnool the increased area is 2,032 acres, in Cuddapah there has been a decrease. Some falling off in revenue was, perhaps, to be expected, the new rules having much reduced the average demand, but so great a decrease was not anticipated, seeing that the more favorable rates ought to have led to a marked increase of area.

5. It is more than probable that a want of a clear understanding of the provisions and effect of the new rules may have had its share in producing the unsatisfactory results exhibited, and time only will show how far a better knowledge will lead to the canal water being more freely used. It is at any rate most improbable that the water-rates now levied can be higher than the ryots can well afford to pay.

(Signed) A. McC. SCOTT, Major, R.E.,
for Chief Engineer for Irrigation.

Proceedings of the Madras Government, Public Works Department,
22nd February 1876.

No. 399. ORDER THEREON, 22nd February 1876, No. 479.

IRRIGATION, No. 40-A.

His GRACE the Governor in Council observes, with much regret, that the irrigation under the Madras Irrigation and Canal Company's Canal for 1874-75 shows the very small increase of acres 1,766 in area, a decrease of the area irrigated in Cuddapah, and a falling off of Rupees 11,739 in the revenue. These results, even taking into account the effect of the introduction of new rules, are very discouraging, for even to ordinary ryots it must be evident that these rules, both in their intention and effect, are more favorable than the rules superseded, to those using the canal water.

2. The season of 1875-76 now current may show better results, though such information as has been laid before Government in the monthly reports of the canal officers hardly indicate that any early and decided improvement is to be looked for. However, this may be, it is necessary that measures should be taken without further delay for the reduction of expenditure, especially under the head of Establishment, and the Chief Engineer and Manager of the Company will be requested to state what reductions can at once be made, and to communicate with the Board of Directors with a view to prompt action being taken to reduce outlay on establishments. It should be understood that a reduction of the number of Engineers employed on the staff of the canal is necessary, and that the scale of pay of those retained must be revised to suit the circumstances of the canal. This Government can no longer recommend to the

See revised statements, Chief Engineer and Manager, No. 2, dated 5th January 1876	rs.	Government of India or to the Secretary of State that an establishment estimated for 1876-77 to cost Rupees 1,09,710 should be maintained to supervise an expenditure on works of about Rs. 55,000 and an area of irrigation of some 15,000 acres.
Deduct for monthly labor	1,32,174	
	22,464	
	<u>1,09,710</u>	

3. Ordered that a copy of these Proceedings be transmitted for the information of the Government of India, and that the Secretary of State be specially informed of the circumstances of the canal, and of the views of this Government as to the measures which these circumstances are considered to render imperative.

(True Extract.)

(Signed) G. W. WALKER, Major-General, R.E.,
Secretary to Government.

No. 400. (DOCKET No. 480, dated 22nd February 1876.)

Copy of the above forwarded to the Government of India.

(True Extract.)

(Signed) G. W. WALKER, Major-General, R.E.,
Secretary to Government.

Exd. E. C. Shunker.
Spars Copies

Form N° 89

MEMORANDUM.

REQUESTED for reference the under-mentioned papers :—

Chief Eng^r N. N. 399 of 25 Nov/75 with 3 Enclosures.
do do 33 of 24 Januay/76

These papers are put up with the original GO N° 479 of 22 Feb/76

Shew me quick.

Dr. H. M. M. M.

OFFICE OF THE CHIEF ENGINEER
FOR IRRIGATION,

1876.

7 April

Head Clerk

To

The Registrar of the

P. W. Secularat.

Enclosure to be made.

Submitted for the information of
Government.

The total area of irrigation was as follows

	1873-74	1874-75	Difference
	Acres	Acres	Acres
Kurnool	6974	9006	2032 Increase
Buddapah	6381	6115	266 Decrease
	13355	15121	1766

The increase in Kurnool was 29 per cent while
in Buddapah there was a decrease of about 4 per cent.

2. The Revenue derived from irrigation was

	1873-74	1874-75	Difference
	Rs	Rs	Rs
Kurnool	37492	32724	4768 Decrease
Buddapah	25006	18035	6971 do.
	62498	50759	11739

showing a decrease on the whole of 18.8 per
cent. nearly on that of the preceding year,
while in Kurnool, it was nearly 13 and in
Buddapah amounted to nearly 28 per cent.
In Buddapah also the remissions were 13.8
per cent. on the full demand.

The

3. The average water rates were in

	1873-74	1874-75	
Kurnool	5.38	4.2	Pupees
Suddalah	3.92	2.95	"

4. The general results of the last series of irrigation are very far from satisfactory. Had the area increased even to the small extent of the difference between 1872-73 and 1873-74 viz. 3,938, there would have been ground for hoping that the use of the canal water was becoming more popular, but though in Kurnool the increased area is 2,082 acres, in Suddalah there has been a decrease. Some falling off in Revenue was perhaps to be expected, the new rules having much reduced the average demand, but so great a decrease was not anticipated, seeing that the more favorable rates ought to have led to a marked increase of area.

5. It is more than probable that a want of a clear understanding of the provisions and effect of the regulations have had its share in producing the unsatisfactory results exhibited and true only

only will show how far a better knowledge will lead to the canal water being more freely used. It is at any rate most improbable that the water rates now fixed can be higher than the ryots can well afford to pay.

Perpett.

Major R. P. D.

for Chief Engineer for Irrigation

Col. G. G. G.
2nd February 1876

The Secretary to Government
M.D.

4818 Feb 75 No 479.

W. 1876 Sept.

No: 1004.

From

The Chief Engr.
for Irrigation

Dated 2nd 3 Feb: 1876.
Recd. 8 Feb: 1876.

G. B. given to Engr. Dept.
24.76

Irrigation under
the Madras Irrigation
and Canal Co. in
Cuddalore & Thiruvol
for 1874-75.

No. 22 Feb 76 B/P 398

274-2-76.

No 479 Public Works Dept.
Proceedings of the Madras Government

Under date the 22nd Feb 76

Read the following:-

From
The Chief Engineer
for Irrigation } (Hd. No 1004/ 2nd Feb 1876)

His Grace the Governor
in Council observes, with
much regret, that the irrigation
under the Madras Irrigation
and Canal Company's Canal
for 1874-75 shows the very
small increase of acres 1766
in area, a decrease of the
area irrigated in Cuddalore
and a falling off of Rs 11739
in the Revenue. These results,
even taking into account
the effect of the introduction
of new rules, are very discouraging
for even to ordinary regulations

16/2

could hardly have failed to be evident that these rules, both in their intention and effect, were more favorable than the rules superseded, to those using the canal water.

2. The season of 1875-76 now current may show better results, though such information as has been laid before Government in the monthly reports of the canal officers hardly indicate that any decided improvement is to be looked for. However this may be, it is necessary that measures should be taken without further delay for the reduction of expenditure especially under the head of establishments and the Chief Engineer and Manager of the Company will be requested to state what reductions can at once be made and to communicate with the Board of Directors with a view

It is desirable to press this matter in this year as the reductions will lose as the experienced staff - close and will be required at least a year of the navigation pro

~~See statement of Chief Eng & Manager~~
~~for 1875-76~~
~~for 1876-77~~
~~for 1877-78~~

ject, pressed forward as it should be - 12/2 1877

Since writing the above I have consulted Mr. Miller - He has learnt that even allowing for this consideration a considerable reduction is possible & desirable & has to drop - 1877

See revised statement Chief Eng & Manager - 2-5/1/76
Rupees 132,174
24 for monthly labour 22464
109710

view to prompt action being taken to reduce outlay on establishments. It should be understood that a reduction of the number of Engineers employed on the staff of the canal is necessary and that the scale of pay of those retained must be revised to suit the circumstances of the canal. This Government can no longer recommend to the Govt. of India or to the Secretary of State, that an establishment estimated for 1876-77 to cost Rupees 1,09,710 should be maintained to supervise an expenditure on works of about Rupees 55,000 and an area of irrigation of some 15,000 acres.

3. Ordered that a copy of these Proceedings be transmitted for the information of the Government of India and that the Secretary of State be

be specially informed of the
circumstances of the canal
and of the views of this Govt.
as to the measures which those
circumstances are considered
to render imperative.

Ames

MMV

(A.L. no 480 d/27th Feb 76)

Copy of the above
forwarded to the
Government of
India.

To Secy of India
dispd - 25-2-76

398 @ 400

Dispd - 25-2-76
Chief Eng^r & Manager, Madras
Irrig. and Canal Co.
Ch. L. for Irrigation
Revenue Dept.

P. W. Department
Proceedings of the Madras
Government
under date

(A.L. no 480 d/27th Feb 76)

To the Rt. Hon. the Secretary
of State

My Lord Marquis
We have the honour
to forward herewith, in
copy, Statements of
Irrigation and Revenue
under the Madras Irrigation
and Canal Company's
canal for 1874-75.

It will be observed
that these returns are
of a most unsatisfactory
nature.

owing to the introduction
of certain new rules, which,
tended to reduce the
average

average demand some
slight reduction in the
Revenue was not un-
looked for, but it
was confidently trusted
that this possible loss
would be more than
counterbalanced by a
marked and hopeful increase
in the area under Ir-
rigation.

This expectation has not
been realised. A very
slight increase in
the Kurnool District
has been met by
a decrease in
Cuddapah, and the
Revenues show a falling
off of not less than
Rupees 11,739.

Nor do the returns
of the current year;
So

so far as they have
been received, give any
signs of improvement.

The total area ir-
rigated by the Company
amounts to some 15,000
acres; the returns there-
from to about Rupees
55,000; the charges for the Estab-
lishment employed
on the works to
Rupees 1,09,710, or, in
brief, the irrigation
costs annually twice
as much as it
returns.

We have accordingly
considered it our imperative
duty to call for a
reduction of the outlay.
We have requested
the Chief Engineer and
Managers of the Company

to state what immediate
retrenchment can be made
and to communicate with
the Board of Directors
with a view to diminishing
the number of engineers
employed on the staff
of the Canal, and making
a revision, suitable to
the circumstances of
the works, in the pay
of those who may be
retained. We would

further submit
to your Lordship that
the case is such as
to warrant our call
for prompt reform,
and to require the
careful attention of
Her Majesty's Govern-
ment.

And

Amr

Submitting with remarks
Copy of Statements of the
Expenditure & Revenue
The Madras S & C Company
in the Cuddalore & Tan-
jore District for 1874-75

Govt. of Madras
PUBLIC WORKS

Ch. Supt & Manager
M I & Co.
Govt of India

179
180

Vol 398 @ 400

Transmitted for information
a copy of the report on the State
of the Cuddalore & Tanjore
Districts for 1874-75

Transmitted under the Madras
I & C. Company in Cuddalore
& Tanjore Districts
Passing orders on the State
of the Cuddalore & Tanjore
Districts for 1874-75

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