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MADRAS RECORD OFFICE

Government of Madras

Public Works DEPARTMENT

G.O. No.	2575	Press
B.P. No.		Mis.
352-353		
Dated	21-10-	1951 8.73

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
21st October 1873.*

No. 352. Read the following endorsement of the Chief Engineer for Irrigation, dated Camp at Darapooram, 28th August 1873, No. 34 :—

From J. H. LATHAM, Esq., Chief Engineer and Manager, Madras Irrigation and Canal Company, to Lieutenant-Colonel J. MULLINS, R.E., Chief Engineer for Irrigation, dated Kurnool, 19th August 1873, No. 151.

I HAVE the honour to forward herewith a copy of my Report for the month of July 1873 for your information.

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

THE canal is still in good working order. A depth of 4 feet of water in the canal at Soonkasala head sluices is maintained, and that supplies all Mr. Dodson's wants with 6,500 cubic yards an hour running to waste at Kambalapilly.

2. The local supply of water in the Kali and Koonder rivers has been very deficient and uncertain in July. The season up to date has been very dry, and the Government are already making inquiries as to the area of dry crop the canal can flood. A famine is due in Bellary, if we adopt some cycles, either this year or next, and though there is no cause yet for alarm, there is cause for precaution. The rain in July, though slight, was spread very uniformly over the month in the Kurnool District; and a dry August is no proof of a dry September.

3. On the subject of the capability of the canal to flood, I may mention how desirable it is that all the field channels should be made, when required, on the plans of reticulation laid down by the Company. Where this is not the case, as in the 1st, 2nd, and 3rd Sections, difficulties arise from the refusal of ryots to allow channels through their land. The only remedy is for the Company to apply for the land to Government, but that cannot be done unless the Company want to keep the land. There is such a case in Roza (a hamlet close to Kurnool), and one or two in Kullur. If such cases occur in ordinary irrigation, they will much more occur in flooding.

KURNOOL,
18th August 1873.

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

SUBMITTED for the information of Government.

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

No. 353. ORDER THEREON, 21st October 1873, No. 2,575.

IRRIGATION, No. 24.

ORDERED that the report of the Chief Engineer and Manager, Madras Irrigation and Canal Company, for the month of July, be communicated to the Collector of Kurnool, with a view to a report being made by that officer of the prospect of dry lands needing flooding. The canal officers should, in communication with the Collector, estimate Taluqwar the area of dry land cultivated, which is within the reach of canal water.

2. The Governor in Council is of opinion that, although no famine is imminent, such arrangements may be made as will provide for watering without confusion and waste extensive areas of land in the event of the failure of rain, either over a considerable part of the country traversed by the canal, or in particular localities. And His Excellency desires the Collector to give his early attention

Proceedings of the Madras Government, Public Works Department,
21st October 1873.

to the instances mentioned by Mr. Latham at the end of his report, in which difficulties have been experienced, and to ascertain what will be the best plan of carrying out the Chief Engineer's intention of so mapping out distribution channels, not at present required and not intended to be at once carried out, as to enable them to be speedily and correctly made, should there be a sudden demand for water.

(True Extract.)

Colonel, R.E.,
Secretary to Government.

I am not inclined
to "record" this.

It contains matter
for consideration and
inquiry.

1st Why are 6500 cubic
yards running to waste
at Kumbalapuz? A map,
if there be one, should
be circulated with
a paper of this kind.

2nd The Inspector should
be asked to report on
the prospect of dryland
needing flooding, and
the Canal Officers should
in communication
with the Inspector estimate
the area of
dryland cultivated
which

I am agree to
the Inspector
in this. As long as
he can do, then would
I have, he would

Inspector

which is within the
reach of Channel waters.

I think the subject
of p. 3 should be
reported on fully. —

No famine is imminent,
but things should be
in such a state of
regulation that such
an occurrence would
not create confusion
and waste which would
be the consequence of
the uncertainties reported.

The two cases
mentioned should
have the Collector's
attention

8/9.

ML

N^o 2575 P. M. D.

Proceedings of the Madras Est.
Read the following

From, The Chief Engineer

& Manager M. S. & Co

thru the Chief Engr. for Engrs.

(H. E. No. 1518/19 Engrs.)

Ordered that

the report of the Chief
Engineer and Manager
Madras Irrigation
and Canal Company
for the Month of July
be communicated to
the Collector of Kurnool,
with a view to a report
being made by that
Officer of the prospect
of dry lands needing
flooding

ML

ML
7/10

72
Flooding - The Canal

Officers should, in communication with the Collector, estimate Taluqwar the area of dry land cultivated, which is within the reach of Canal water.

2 The Governor in Council is of opinion that, although no famine is imminent, ^{such} arrangements for watering extensive areas of land in the event of the failure of rain, either over a considerable part of the Country traversed by the Canal, or in particular localities, [should be] in such a state of regulation that

may be made, as will provide ^{settled} ~~settled~~ ^{confusion & waste}

that confusion and waste may be avoided] And His Excellency desires the Collector to give his early attention to the instances mentioned by Mr. Lallab at the end of his report, in which difficulties have been experienced, and to ascertain what will be the best plan of carrying out the Chief Engineer's intention of so mapping out distribution channels, not at present required and not intended to be at once carried out, as to enable them to be speedily

speedily and correctly
made, should there be
a sudden demand for
water.

by 20/9/73

lyn

50
3

Chief Engr for Irriga ✓
Rev Dept ✓
Ch Engr & Manager
M D C. Ambega
S.C. enps 29/10/73

21/10/73
Cis 2nd Oct 73

Memorandum

The exact significance of the
expression "running to waste" at
Kumbhalpilly I cannot explain,
but this point on the main
Canal is where, at the head
of the 6th section, water is
charged into the Canals to
pick up by the footwork and
cut for the 7th & 8th sections, &
the rest passes on into the
Koridaur for the supply of
the 9th section at Rajah. At
this point at this latter
place I should have expected
Mr Latham to estimate the
surplus or waste after sup-
plying the wants of the
lower sections. In any case
however the word "waste" does
not mean something requir-
ing to be looked into &
put

but a stop to. There is no objection to a little more water than is required for the immediate wants of the brigade being sent down the Canal; and there is the 10th section, south of the Pennair, to be taken into account, though in the month referred to the supply in the latter river was ample. Moreover in a season such as this a little water sent into any of the various rivers & streams with which the canal is connected would have been a great boon to the villages on their banks.

2. The Collector furnishes monthly statements of all applications for water, whether for ordinary irrigation of wet crops or flooding of dry lands.

The

The probability of more extended flooding depends upon the state of the weather at the moment.

3. The width of land commanded by the Canal in the first 3 sections, some 45 miles, is very small, and I should apprehend no difficulty in arranging for the irrigation of all land in the first 40 miles at very short notice. Below this the Canal does begin to get away from the river a little more.

4. A tracing of the only sketch map, on a moderate scale, available accompanies

No 4813

companies. There has been
some little alterations in
the mileage since it was
prepared.

by 18/9/73

sent post

Cp. 4813★
Govt. of 1873 Madras.
PUBLIC WORKS.

1. The Chief Eng. for
Irrigation

Dated

Recd.

Encl. 2

G. O. 21st Act 1873, No 2575-

Recd. 2527363

M. S. S. S. Canal.

Opening works on the
Canal, submitted by the
Eng. for Irrigation,
in the Canal for
July 73