

(1) Number of pages _____

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE

Government of Madras

Public Works

DEPARTMENT

G.O. No.	3445	Press	<i>Original</i>
~~B.P.~~ No.		Mis:	
Dated	16. 12.	193-	
		1876	

Not to be folded or roughly handled

Read the following papers:—

No. 296 W.

No. 400.

Note by the Chief Engineer for Irrigation.

THE letter from the Collector of Kurnool is based in part upon misconceptions of some importance:—

1st.—Water will be required in the Kistna Delta not for the irrigation of a second crop, but for the maturing of the first or main crop. There is no second crop irrigation of any importance even in favourable years.

2ndly.—Water will be required not for six or seven months, but for two or three weeks.

3rdly.—Kurnool itself can suffer inconvenience only and not distress from the canal ceasing to carry water for a time, because the Toombudra runs alongside the town, and so long as there is water in the river the people can with a little trouble take thence what they want.

2. The enclosed instructions were sent to the Superintending Engineer, Kistna, immediately after the wishes of Government were communicated.*

* Verbally.

FORT ST. GEORGE,
14th December 1876.

(Signed) JOHN MULLINS, Lt.-Col., R.E.,
Chief Engineer for Irrigation.

To the Secretary to Government, Public Works Department.

No. 46 K.S.

IRRIGATION MEMORANDUM.

THE undersigned has the honor, under instructions from Government, to request the Superintending Engineer, Kistna, towards the end of the current month, to report the water-supply requirements of the Kistna Delta, and to wait for orders before telegraphing to the Chief Engineer and Manager, Madras Irrigation and Canal Company, to pass on at Soonkesala to the Kistna all the water there may be in the Toombudra.

2. The Superintending Engineer is further requested to obtain as accurate information regarding the state of the crops in the delta with respect to their need of water as may be possible, and to give as definite information as may be practicable. The details which should be stated are—

Depth of water in main canals.

Do. do. required for the area under irrigation.

Time for, or date to, which water will be needed.

3. The Superintending Engineer's reports should be by telegram, and he is requested to send the first as soon after receipt of this as possible, and the second on or about the 26th December, or a week or so after the first.

12th December 1876.

(Signed) JOHN MULLINS, Lt.-Col., R.E.,
Chief Engineer for Irrigation.

No. 400-A. Endorsement of the Chief Secretary to Government, dated Fort St. George, 12th December 1876, No. 2,127-A.

From W. S. FOSTER, Esq., Acting Collector of Kurnool, to the Hon. W. HUDLESTON, Chief Secretary to Government, dated Kurnool, 9th December 1876, No. 638.

THE Chief Engineer and Manager, Madras Irrigation and Canal Company, informs me that Government are about to order the closing of the canal head sluice at Soonkesala from the 1st January next, in order that there might be sufficient water for a second crop in the Kistna canal. If Government intend doing this, I beg most strongly to object to the closing of the canal at this juncture, as the necessary consequence will be that for the next six or seven months we shall have a water famine added to our present scarcity of grain, &c. The difficulty will be much felt in about the town of Kurnool, where thousands of people are now crowded together on relief works, all of whom are dependent on the canal for their water-supply. Since the canal water has been brought into the town most of the drinking water wells here have been filled up, and Mr. Latham says the waters of such wells as remain unfilled are found "to be far beyond the safe limit of organic mixture, as till now they have been filled by percolation of canal water through a strata of limestone in which many cesspools are sunk." But even these are sure to dry up in a season of continued drought, especially when there are so many people to use them.

2. Besides Kurnool, scores of villages situated in the black cotton soils of the Kundair Valley are dependent for water on the canal or wells which derive their supply from the canal by a process of infiltration. To close it now would therefore greatly add to the distress of these villages.

3. Even considering the question in a financial point of view, I think it objectionable to shut out all water from the canal so soon. The Government have recently assured the ryots that they can take canal water for their dry crops without fear of being charged any thing if their crops fail, trusting in this assurance ryots still continue to sow and take water for their dry crops. These will most probably be lost if from 1st January they are to have no water. As the Company gives no remissions for crops lost on account of failure of water after 31st December, Government will have to pay them for the water supplied; while, at the same time, dry remissions will have to be granted to the ryots who have been guaranteed against all charges in case of failure crop.

4. Lastly, I do not believe that the closing of this canal on the 1st January will add much to the supply of the Kistna canal. The water in the Tumbudra is falling daily, and it was $4\frac{1}{2}$ feet below the crest of the anicut on the 5th instant, and probably will fall still further by the end of the month.

It seems to me that the Kistna District will gain very little from what will be a most serious loss to this district.

TRANSFERRED to the Chief Engineer for Irrigation.

(Signed) W. HUDLESTON,
Chief Secretary.

No. 401. ORDER THEREON, 16th December 1876, No. 3,445.

IRRIGATION, No. 33.

THE issue of orders will be deferred until information is received from the Superintending Engineer as to whether the wants of the Kistna Delta, irrigation can be met without closing the Madras Irrigation and Canal Company's Canal and passing on all Toombudra water.

(True Extract.)

Major-General, R.E.,
Secretary to Government.

To the Superintending Engineer, Kistna.

- " District Engineer, Kurnool.
- " Collector of Kurnool.
- " Chief Engineer for Irrigation.
- " Chief Engineer and Manager, Madras Irrigation and Canal Company.
- " Revenue Department.

Exd. S. T. Austin.

Spare Copies

N 46 W 1/2
 Migration - business
 The Mississippi has the honor
 under instructions from Governor
 Davis, to begin to see S. E. section
 towards the head of the Passaic
 Passaic to report the water supply
 for irrigation of the Eastern States,
 to wait for a low stage of the river
 to the Gulf of Mexico, to be able
 to pass in at the mouth of the
 water there being no other outlet

2. The S. E. is proposed to be
 made a permanent irrigation
 by means of the Mississippi in
 the lower part of the river
 as many as possible, and to be
 definite information as to the
 The details which should be stated are
 of the river in main canals
 do do required for the area
 under irrigation
 and for which power water will be needed

3. The S. E. is proposed to be by telegram
 & has requested to send the list
 as soon after receipt of this as possible
 and the record on or about the
 26 December, or a week or so after
 the first.
 by 12/12/76

- as per proposed list of
 interests and for changes
 as to changes in the
 proposed list of
 interests and for changes
 - as per

Water supply require-
ments of the Krishna
Willu. Requests to re-
port the towards
end of the current
month.

N^o. 638

9B
Thurnoob Collectors Office 5
9th December 1876.

From

The Acting Collector of
Thurnoob.

To

The Chief Secretary
to Government
Fort Saint George.

Sir,

3
The Chief Engineer and Manager
Madras Irrigation and Canal Company informs me
that Government are about to order the closing of the
Canal Head sluice at Sunkesala from the 1st Janu-
-ary next in order that there might be sufficient
water for a 2nd crop in the Krishna Canal. If
Government intend doing this I beg most strongly
to object to the closing of the Canal at this juncture,
as the necessary consequence will be that for the
next 6 or 7 months we shall have a water famine
added to our present scarcity of grain &c. The
difficulty will be much felt in about the Town
of Thurnoob where thousands of people are now
crowded together on relief works, all of whom are
dependent on the Canal for their water supply.

Since the Canal water has been brought into the Town most of the drinking water wells here have been filled up and Mr. Latham says the waters of such wells as remain unfilled are found to be far beyond the safe limit of organic mixture, as till now they have been filled by percolation of Canal water through a strata of limestone in which many cess-pools are sunk. But even these are sure to dry up in a season of continued drought especially when there are so many people to use them.

2 Besides Tumrook, scores of villages situated in the black cotton soils of the Tundav Valley are dependent for water on the Canal or wells which derive their supply from the Canal by a process of infiltration. To close it now would therefore greatly add to the distress of these villages.

3 Even considering the question in a financial point of view, I think it objectionable to shut out all water from the Canal so soon. The Government have recently assured the ryots that they can take Canal water for their dry crops without fear of being charged any thing, if their crops fail: trusting in this assurance ryots still continue to sow and take water for their dry crops. These will most probably be lost if from 1st January they are to have no water. As the Company gives no remissions for crops lost on account of failure

1115
of water after 31st December Government will have to pay them for the water supplied; while at the same time dry remissions will have to be granted to the ryots who have been guaranteed against all charges in case of failure crops.

4 Lastly, I do not believe that the closing of this Canal on the 1st January will add much to the supply of the Krishna Canal. The water in the Tumbudra is falling daily and it was $4\frac{1}{2}$ feet below the crest of the ancient on the 5th Instant and probably will fall still further by the end of the month.

It seems to me that the Krishna District will gain very little from what will be a most serious loss to this District.

I have the honor to be
Sir,

Yours Most Obedient Servant

W. S. Foster
Ag. Collector.

W
H

OFFICE OF CHIEF ENGINEER FOR IRRIGATION,

Fort St. George, 14th Decr. 1876.

Note by the Chief Engineer for Irrigation.

Encls. 2.

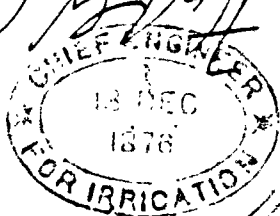
The letter from the collector of Turnool is based in part upon mis-conceptions of some importance

1st Water will be required in the Kistna Delta not for the irrigation of a second crop, but for the maturing of the first or main crop. There is no second crop irrigation of any importance even in favourable years

2^{ndly} Water will be required not for 6 or 7 months but for 2 or 3 weeks.

3^{rdly} Turnool itself can suffer inconvenience only and not distress from the canal ceasing to carry water for a time, because the Tombudra runs alongside the town and so long as there is water in the river the people can with a little trouble take thence what they want.

2. The enclosed instructions were



14 DEC 76

1876 Revenue Dept.
Hannu Relief
10
The Ag. Collector of
Turnool

The Chief Secretary to
Govt. Secy. George

Buts 9th Decr 1876
Hannu Relief
10
The Ag. Collector of
Turnool

That Government - continue
that closing the 10th since
of the Canal at Southwale
a that he considers it will
sincerely and to the Hannu
in the districts of the Canal
were closed first now.

Thurs 12th

12. Decr 76
Hannu Relief
10
The Ag. Collector of
Turnool
The Chief Secretary to
Govt. Secy. George
Buts 9th Decr 1876
Hannu Relief
10
The Ag. Collector of
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sent to the Superintending Engineer
Fotna, immediately after the wishes
of government were communicated.

x verbally

Wm. L. L. L.
Chief Engineer for Govt.

The Secretary to Govt.

Wm. L. L. L.

Wm. L. L. L.

2818-6-73 ho 1595
3-10-73-2435
In. Memo: ho 46 K.S. 8/12/12/76
In. In. of C.P. Contracts.

Form No. 19.

P.W.D.

14EEC76

NO. 14

From

The Chief Engineer for Irrigation,

To

The Secretary to Government,

Public Works Department.

Dated 14 } sec. } 1876.
Despatched 14 }
Received

ENCLOSURES 21 Contract
given to Librarian
No. 296-14.

Subject.

Closing of the head sluice of the
Canal at Sunkavala - Kurnool
District. - Note on the letter
from the Collector ~~reg~~ regarding
the —.

N^o 400

Jan 14-12-76.

E. I. Form No. 22.

Public Works Department.

PROCEEDINGS of the MADRAS GOVERNMENT.

UNDER date the 16 Dec/76

Read the following:—

Note by the Ch. Engr. for
for order of M.L. No. 296-14 of 14 Dec/1876

The issue of orders
will be deferred until
information is received
from the Superintending
Engineer as to whether the
wants of the Puzos delta
irrigation can be met with-
out closing the M.L.C. Canal
and passing on
all Tambudra water.

Ch. Engr. 14/12

J. L. Nistne
Collector of Kurnool
K. L. Kurnool
Revenue Dept.
Ch. Engr. Irig.

Ch. Engr. M.L.C.C.
14 Dec 1876
14 Dec 1876

9087
Govt. of 1876 Madras.

PUBLIC WORKS.

To

The S. E. District

Dated

Issued

Recd.

Encl.

G. O. 16th Nov. 1876, No. 3445

Nos. 400/401

Closure of the Local Council

of the Madras Company

Council at Madras.

Thermal Spring

Proposal for — referred
pending receipt of certain
information from the Dept.
Engg. India.

Not in Reg.