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MADRAS RECORD OFFICE

Government of Madras

Public Works

DEPARTMENT

G.O. No.	2280	Press	<i>Original</i>
B.P. No.		Misr	
Dated	6. 8.	1957	18/5

Not to be folded or roughly handled

360

*Proceedings of the Madras Government, Public Works Department,
6th August 1875.*

Read the following papers :—

No. 116. From Major J. BEATTY, R.E., Acting Superintending Engineer, Godavery District, to Lieutenant-Colonel J. MULLINS, R.E., Officiating Secretary to Government, Public Works Department, dated Dowlaishweram, 30th July 1875, No. 1,334.

I HAVE the honor to report the occurrence of a great fresh in the Godavery, accompanied by considerable damage to the works of the delta, the extent of which however I have not yet heard.

2. The river began to rise on Friday, the 23rd instant, when there was about 4' 8" of water above the anicut, and continued rising steadily until yesterday morning, 29th instant, when it had reached the great height of 13 feet on the anicut. It remained at 13 feet until about midday and then began falling slowly.

3. This has been the greatest fresh that has occurred in the Godavery since the extraordinary floods of 1861 and 1863. In July 1861 the river rose to 15' 3" above the present level of the anicut, and in September 1863 it rose to 14' 9" above that level. During the last twelve years the river has never risen to 13 feet on the anicut.

4. In No. 1 Range two breaches are reported to have occurred, one near Injeram and one near Bramhapuri, about four miles below Kotipilly. The breach at Bramhapuri appears to have occurred from erosion of the river's berm and the embankment slipping into the river, but there is an inner line of embankment there which stops the spill and limits the extent of the inundation; opposite Injeram the river has a broad berm, and the breach was probably occasioned by the river overtopping the embankment at some low place. The sub-divisional officer is at the place and will proceed with the repairs as soon as practicable.

5. In No. 2 Range several breaches are reported along the line of the West Bank Canal, and considerable inundation across the line of that canal. I have just heard of this, and it seems to be the worst case in the district. Ramachendrapur Lock and lock weir are stated to be completely submerged. I purpose going there as soon as a steamer can safely approach the head of the Central Delta.

6. I have no information as yet as to the state of things in the Western Delta. On Wednesday, when the river was at about 12' 8," I proceeded in the *Prince* up to Rajahmundry and thence to near Covoer, and down the right bank to about a mile above Vejaishweram. There it became necessary to anchor the steamer owing to the great current, as it would not have been safe to take her down the Vejaishweram channel. I found all safe at Vejaishweram, except that one of the head sluice shutters had been burst in by the pressure; and the river was up to within 2½ feet of the level of the road-way at the head and under sluices. I ordered the earthwork on both sides to be raised to prevent the water breaching round the wings in the event of the river rising still higher. The level of the water on the Vejaishweram Lock upper sill was then about 15 inches higher than at the Dowlaishweram Lock upper sill.

7. In No. 4 Range, from Covoer to Vejaishweram, the embankment was quite safe. I have no report* as yet from the

* Regarding the embankment above Covoer. the Range Officer, but I hear of considerable damage to the village of Thallapudi, which is outside the embankment. I had

*Proceedings of the Madras Government, Public Works Department,
6th August 1875.*

given Mr. Assistant Engineer Martin instructions to make Thallapudi his temporary head-quarters during the latter part of this month, so that he is on the spot if any breaches have occurred in that neighbourhood.

8. Three breaches are reported in No. 5 Range in the embankment at about $8\frac{1}{2}$ to 9 miles above Rajahmundry, but what the cause of this was is not stated.

9. I shall report further as soon as the extent of damage done is better known. At present the river continues to fall, and there is now (noon of 30th) only 11' 9" on the anicut.

No. 117.

No. 870.

MEMORANDUM.

ARRANGEMENTS have been made for ascertaining what work is necessary to make this delta safe, and on two estimates for raising and strengthening the banks on the left side above the anicut work has been done this year. Below the anicut attention has been directed to the same all-important subject, but there is very much to be done before safety will be secured. It is very fortunate that the fresh did not reach a higher level, and precautionary measures will have to be pushed forward so that serious damage in the future may be prevented. The breaches in the flood banks of the Eastern Delta are 30 to 35 miles below the anicut, and probably therefore the damage resulting therefrom is not very great.

OOTACAMUND,
6th August 1875.

(Signed) JOHN MULLINS, Lieut.-Colonel, R.E.,
Officiating Chief Engineer, P.W.D.

No. 118.

ORDER THEREON, 6th August 1875, No. 2,280.

IRRIGATION, No. 1-E.

RECORDED, pending the receipt of a
further report.

(True Extract.)

Major, R.E.,

Offg. Joint Secretary to Government.

To the Superintending Engineer, Godavery.
" Chief Engineer for Irrigation.

Exd. S. T. Austin.

Spa. Copies

W 870

Memorandum.

*Letter from the Ag. Supg. Engr. Godavery
No. 1334 dated 30th July 1875*

*Arrangements
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ascertaining what work
is necessary to make this
Delta safe, and on two
estimates for raising and
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subject*

*MB
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Voluntarily Lt. Col. R.C.
Ostacumund } offg Chief Engineer
8th Aug-1875 } C. W. D.
K. Att. B.

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 the President

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No: 5171

From

The Offg. Chief
Engineer

Dated 5 Aug. 31 1875,
Recd 9 -
No. 870.

Memor. on the Occur-
rence of a great fresh
in the Godavery.

S. B. No: 2280. 6-8-75.

No 117-

No 1334 District Engineer's Office, Godav
Dowlaisheram 30th July 1875.

From,

The Asst. Superintending Engineer
Godavery District.

To,

The Secretary to Government
Public Works Department.

Sir,

I have the honor to report the occurrence
of a great fresh in the Godavery accompanied
by considerable damage to the works of the
Delta, the extent of which however I have not
yet heard.

2. The river began to rise on Friday, the
23rd instant, when there was about 4'-8" of water
above the Anicut and continued rising
steadily until yesterday morning 29th instant
when it had reached the great height of 13 ft.
on the Anicut. It remained at 13 feet until
about midday and then began falling slowly.

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has occurred in the Godavery since the
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9. I shall report further as soon as the extent of damage done is better known. At present the river continues to fall, and there is now (noon of 30th) only 11'-9" on the Annicut.

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I have the honor to be,
Sir,

Your Most obedient Serv^t
L. Beatty Major R.E.
As Superintending Engineer C.D.

No 2280 Public Works Dept.
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 Proceedings of the Madras Government
 Under date the 6 Aug 1875
 Read the following

From The Asst. Supr. Engrs. } (H.C. No 1334 of 30 July 1875)
 Godavery }
 Memo. by Chief Engineer (No. 870 of 6th Aug 1875)

Recorded pending
 the receipt of a further
 report.

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SC Depd - 21-8-75

P. W. 1875 Supr.
 From No. 5055
 The Asst. Supr. Engineer
 Godavery &
 The Secretary to Govt.
 Madras.

Dated 30 July 1875
 Recd 13 Aug. 1875
 No 1334
 Enclosure
 Reporting the
 occurrence of a
 great fresh in the
 Godavery with
 considerable da-
 mage to the works.
 J. B. 2280. 6-8-75

No 116 -

Gobt. of 1875 Madras.
PUBLIC WORKS.

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*P. H. Schuppert
Gadamer*

Date:

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Nos.

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Great Fresh in the Godavari
with considerable damage
to the works. — Report of
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receipt of a further
report.