

MADRAS RECORD OFFICE.

Government of Madras.

Revenue DEPARTMENT.

G.O. No.	486	Press Mis.
<i>439-460</i> Dated	21-2-	1868.

Not to be folded or roughly handled

*Proceedings of the Madras Government, Revenue Department,
21st February 1868.*

No. 439. Read the following Proceedings of the Madras Government in the
Public Works Department:—

Communicating letter from the Superintending
Engineer, 6th Division, regarding the very
great damage done in and around Trichinopoly } (Here enter 17th February 1868, No. 540.)
by the flood-waters brought down by the
Arryaur and Coryaur rivers.

No. 440. ORDER THEREON, 21st February 1868, No. 486.
Communicated to the Revenue Board.

Miscellaneous.

(True Extract.)

(Signed) F. BRANDT,
Under Secretary to Government.

To the Board of Revenue, with Proceedings Public Works Department, No. 540.

Ed. S. T. Augustin.

*Proceedings of the Madras Government, Public Works Department,
17th February 1863.*

o. 337. Read the following letter from the Superintending Engineer, 6th Division, to the Secretary to Government, Department Public Works, dated Poodoochuttrum, 6th February 1863, No. 1,563 :—

1. I have the honor to report that heavy rain fell over the whole area of the 6th Division from the 23rd to 26th ultimo. The rain-fall gauged in three places is given in the margin. It will be observed that the rain-fall at Kulitalay, or in the western portion of the district, was very heavy on the 25th and 26th, and it is believed to have been even heavier in the south of the district.

At Lower Anicut...	...	3.6 inches.
At Trichinopoly ...	...	3.54 "
At Kulitalay on 25th and 26th ...	...	7.25 "

2. I regret to report that very great damage has been done in and around Trichinopoly by the flood-waters brought down by the Arryaur and Coryaur rivers, which drain a basin of about 680 square-miles. These rivers unite about 500 yards above the point where the united stream meets the Wyacondan channel at right angles, and where the Pootoor calingula, with a water-way of about 536 yards, provides for the passage of surplus water into the Cauvery by a stream called the Codamurthy, which joins the Cauvery about 250 yards above the bridge on Trunk Road No. 8.

3. A very large volume of water was brought down by the Arryaur and Coryaur; for on the 27th, at about noon, there were $8\frac{1}{4}$ feet of water at the Cauvery bridge at Trichinopoly, when the water at the Cauvery Dam gauged only $4\frac{1}{2}$ feet and never rose above 5 feet.* Owing to

* On 28th and 29th. a flood in the Iyaur, 1 foot 7 inches of water passed over the north branch of the Upper Anicut for a few hours on the 26th, but the water never rose over the south branch of the anicut; and only 7 inches passed over the Tambogyee.

4. The Coryaur bank was breached between the Dindigul and Madura roads, and those roads were breached in several places in a distance of about 2 miles; the water which thus escaped found its way into the Wyacondan, which has no bank on its south side; but notwithstanding the relief thus afforded, the north bank of the Wyacondan was breached in nine places, and the Alitoray road was submerged and breached in fourteen places. The Codamurthy bank also breached, and the water rising over the railway embankment breached it, and the pent up waters thus released

From 100 to 300 yards distant.

poured down upon the Caroor road and the Cauvery south bank and breached them.

5. With the various streams situated as they are and provided with only one bank, the breaches occurring in each stream afforded relief rather than otherwise, and prevented the waters from rising in the deep beds of the channels as they otherwise would have done; but notwithstanding this, the water without rising over the crowns of the arches of the bridges overtopped the banks, and all that can be done to prevent such a disaster for the future is to raise the banks of Coryaur, the Wyacondan, and the Codamurthy, so as to protect Trichinopoly and to admit of water spreading over the country, as in a tank, on the south and west sides of Trichinopoly.

*Proceedings of the Madras Government, Public Works Department,
17th February 1868.*

The probable cost of raising the banks $1\frac{1}{2}$ yards above the recent flood will be—

In the Coryaur about $1\frac{1}{2}$ miles...	RS.
Wyacondan do. 4	2,500
Codamurthy do. $\frac{3}{4}$	6,000
	3,000

6. The cost of restoring the banks and roads will probably be as follows :—

Madura road	RS.
Dindigul do.	1,500
Vyaloor do.	450
Caroor do.	575
Tirutantony road or Codamurthy bank	2,500
Wyacondan bank and sluices	1,000
Coryaur bank	3,000
Cauvery south bank	1,200
	875

11,100

* Rupees 1,000

† „ 3,000

4,000

7. The Tirutantony road is in charge of the Municipality, and for its restoration* and improvement† it has been proposed that the Public Works

and Municipal departments should share the cost, and I shall probably have to address you on the subject again.

8. Two katoo varis, or jungle streams, in the Kulitalay talook, which drain the south-western portion of the district, have been breached, and Rupees 1,500 will probably be required to close the breaches. Some tanks in their valleys have, I believe, been breached, but I have had no report on the subject from the Range Officer.

9. In the Museri talook one breach of 80 yards in the Iyaur bank has taken place, the breach will be closed for about Rupees 175.

10. No breaches have occurred in the Tanjore District, but the water at Combacorum bridge gauged 7 feet in the Cauvery on the 28th, and before the water from Trichinopoly reached the Lower Anicut, the flood waters brought down by the Murdyaur raised the water at the Lower Anicut to half a foot above both branches of the anicut, and the maximum height attained by the waters was 1 foot $1\frac{1}{2}$ inches above the north branch, and 1 foot 8 inches over the south branch on the 29th.

11. These floods, which are most unprecedented and most untimely, have of

Lower Anicut.
Codamurthy Dam.
Arasalar do.
Veerasholen do.

course put a stop to the works in progress in the river beds, and have filled in the foundations which were partially excavated at the Veerasholen and Ara-

salar dams and have carried away some materials at the Veerasholen head, and I fear will retard all masonry works very considerably, for percolation to a very considerable extent will continue for at least a month or six weeks, and putting down foundations in the river beds will be impossible for some time.

12. A large number of raw bricks have been destroyed all over the district, and also at the Nundiyaar in the Trichinopoly District, and much of the nanal planting in the river beds must have been carried away in both districts.

*Proceedings of the Madras Government, Public Works Department
17th February 1868.*

No. 388.

ORDER THEREON, 17th February 1868, No. 540.

CIVIL WORKS, No. 55.

1. The Superintending Engineer of the 6th Division is requested to take measures for the repair of the breaches

reported in this letter, and to report whether any, and what further allotments will be required for that purpose.

2. Estimates should be submitted in due course for raising the banks of the Coryaur, Wyacondan, and Codamurthy rivers, as proposed in paragraph 5.

(True Extract.)

Charles A. B. M.

Colonel, R. E.,

Secretary to Government.

To the Superintending Engineer, 6th Division.
„ Controller of Public Works Accounts.
„ Revenue Department.

Exd. S. T. Augustin.

Dec: 1868 Dept.
No of Section 116.

Proceedings of the
P. W. Office.

Apptd 17th 1868
Received 19th 1868
at \$5740

1868. 018. 1868

Commencing
the first of July.

Regarding the very
great damage
done in the
building by the
flood water brought
down by the arrival
of Captain Kennedy -
11th Oct.

89-486.

Communicated to the
Revenue Board.

73.

21st July 1868

11th Oct. 1868. 018. 1868. 018. 1868.

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