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MADRAS RECORD OFFICE

Government of Madras

Public Works

DEPARTMENT

G.O. No.	1570	Press
B.P. No.		Misc.
Dated	13. 6.	195
		1874

Not to be folded or roughly handled

No. 260. Read the following letter from R. E. NORFOR, Esq., Acting District Engineer, South Arcot, to Colonel G. W. WALKER, R.E., Chief Engineer and Secretary to Government, Public Works Department, dated Cuddalore, 14th May 1874, No. 36 :—

I HAVE to report that this district has been visited with heavy weather.

2. On Tuesday morning, the 5th instant, the weather assumed a threatening aspect, the sky was overcast, with a slight drizzle at 6 A.M., and by 8 A.M. the rain increased a little, the barometer falling from 29.90 to 29.70 with a fresh breeze from S. W. which by 10 P.M. increased to a furious gale; this continued till about 5.30 P.M. when the breeze moderated, the barometer continued steadily to fall till it reached 29.46 at 3 P.M., which was the lowest reading registered that day (5th).

3. About 3 A.M. on the morning of the 6th the breeze again freshened, and the barometer which had risen slightly during the night fell to 29.43, and at 6 A.M. it stood at 29.22, the wind continuing always to blow from the same quarter; a very stiff gale from the S. W; after 8 A.M. of the 6th, the barometer steadily rose, and at 5 P.M., it stood at 29.64; this was the end of the bad weather. We had very little local rain and registered only $3\frac{1}{2}$ inches in the two days (5th and 6th).

4. On the 7th, the Pooniar river was in *heavy* flood, such a flood has, I am told, never been witnessed before, and it was very fortunate that there was so little rain in that portion of the district comprising the catchment Basin of the Guddelum, otherwise the two bridges in Cuddalore over the Pooniar and Guddelum, respectively, would inevitably have been swept away; as it was, the Pooniar breached into the Guddelum, at the old Mullattar, and in various places below this point across the road which runs between, and parallel with, the two rivers. At the 3rd mile from Cuddalore, westward, the water ran 5 feet deep at a great rate; I was returning from Punnurootty on that day at about 2 P.M., and it was with the greatest difficulty I got to the Pooniar bridge from that quarter. In spite of this safety valve (the empty Guddelum) the two bridges above referred to had about pretty well as much as they could stand.

5. The bund around the wing wall of the Trivady Anicut has been carried away, but as the floods have not yet quite subsided, the extent of damage to masonry works could not be ascertained.

6. Extensive damage to the Pooniar Anicut and channels from it, as also to the Trunk Roads Nos. 8 and 9 are reported by the Range Officer, but detail information will be sent in on these matters shortly, when floods have gone down more.

7. The water of the Pooniar stood 5 feet above the top of the wing walls of the Oopalavady channel head sluice, which is a work Colonel Mullins inspected from Cuddalore when he was last here.

8. I have received a report from the Overseer in charge of the Pelandora; anicut (his usual weekly report) the Vellaur was also in flood, but no damage done to the works.

Proceedings of the Madras Government, Public Works Department,
13th June 1874.

No. 261.

ORDER THEREON, 13th June 1874, No. 1,570.

CIVIL WORKS, No. 91.

ORDERED to be recorded, pending
further report.

(True Extract.)

Colonel, R.E.,

Secretary to Government.

To the Chief Engineer for Irrigation.
„ Consulting Engineer for Railways.
„ Government Astronomer.

„ Revenue Department.

„ Financial do.

„ Editor's Table.

„ D. C. S. A. R. C. S.

Exd. G. A. Turton.

Spare Copies

D. P. W.
SOUTH ARCOOT.

No. 36

DISTRICT ENGINEER'S OFFICE.

Camp *Leidadaire*

Dated *14th May* 1874.

From

AS
The District Engineer,

South Arcot.

To

The

*Chief Engineer and Secy. to Govt.
D. P. W.*

Enclosures.

Sir,

I have to report that this District has been visited with heavy weather. 2. On Tuesday morning the 5th instant the weather assumed a threatening aspect, the sky was overcast, with slight drizzle at 6 A.M., and by 8 A.M. the rain increased a little, the Barometer falling from 29.90 to 29.70 with a fresh breeze from S.W. which by 10 P.M. increased to a furious gale; this continued till about 5.30 P.M. when the breeze moderated, the Barometer continued steadily to fall till it reached 29.46 at 3 P.M. which was the lowest reading registered that day (5th). 3. About 3 A.M. on the morning of the 6th the breeze again freshened, and the Barometer which had risen slightly during the night, fell to 29.43, and at 6 A.M. it stood at 29.22, the wind continuing always to blow from the same quarter.

quarter; a very stiff gale from the S.W.; after 8 a.m. of the 6th, the Barometer steadily rose and at 5 p.m. it stood at 29.64; this was the end of the bad weather - We had very little local rain and registered only $3\frac{1}{2}$ inches in the two days (5th and 6th).

4 On the 7th the Pomiar river was in heavy flood, such a flood has I am told never been witnessed before, and it was very fortunate that there was so little rain in that portion of the District comprising the catchment Basin of the Guddelum; otherwise the two Bridges in Buddalore over the Pomiar and Guddelum respectively would inevitably have been swept away; as it was the Pomiar breached into the Guddelum at the Old Mullattar, and in various places below this point across the Road which runs between and parallel with the two rivers - At the 3rd mile from Buddalore, westward, the water ran 5 feet deep at a great rate; I was returning from Punnurcotty on that day at about 3 p.m. and it was with the greatest difficulty I got to the Pomiar Bridge from

from that quarter. In spite of this safety valve (the empty Guddelum) the two bridges above referred to had about pretty well as much as they could stand.

5 The Bund around the wing wall of the Sivady Anicut has been carried away, but as the floods have not yet quite subsided the extent of damage to masonry works could not be ascertained.

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7 The water of the Pomiar stood 5 ft. above the top of the wing walls of the Popalawady channel Head sluice, which is a work Colonel Mullins inspected from Buddalore when he was last here.

8 I have received a report from the Overseer in charge of the Pelandora Anicut (his usual weekly report) the

Vellam

Vellaur was also in flood, but no damage done to the works.

I have the honor to be

Ch.

Your most obedient servant

P. H. Morgan

Ag. District Engineer

[illegible]

7-207/32

1570

Checking on the
heavy weather on the
5th instant, and the
damages done to our
farm assets.

Jul: Novels 1874, Sept
Thom's Novels No 2930
The Quaker's Son,
J. Smith Street
No: 2930
The Quaker's Son and
Myr. H. G. S. at 1874
Dated 14th
Feb 1875, May 1874
Cred 1875

183

Planting on the

Heavy, warm weather on the
5th instant, and the

damages done to car.
same amount.

121

96-201570-15-6-74

With an order

Ce 22 kopy / 4
Kopie do Warszawy 74 RD 26/9/14

260-267

2930
Govt. of 1874 Madrid.

PUBLIC WORKS.

To The C. Super for
Madrid.

13th June 1874. No. 260

Nos. 260. 261.

Damages

Letter from the Sr. Eng.
Sr. D. Arcob, reporting
damages done to
certain works by the heavy
rains of the 5th May,
recording, sending further
part -