

(1) Number of Pages.....4(2) Date of repair.....17-7-67(3) Initials of the Referencer.....22-1-68**MADRAS RECORD OFFICE****GOVERNMENT OF MADRAS**Revenue DEPARTMENT

G.O. No.

68Press

B.P. No.

Mis.

Dated 7-7-1874-196- .*Not to be folded or roughly handled*

No. 564. Read the following endorsement of the Chief Engineer for Irrigation, dated Ootacamund, 25th May 1874:—

From Colonel F. J. MOBERLY, R.E., District Engineer, Chingleput, to Lieutenant-Colonel J. MULLINS, R.E., Chief Engineer for Irrigation, dated Guindy, 20th May 1874, No. 554.

I HAVE the honour to report the occurrence of a cyclone on the 5th and 6th instant, which appears to have resembled that of May 1872 in its course, duration, etc.

2. Its principal force, as far as this district was concerned, was felt in Madranticum Taluq. Under 10 inches of rain fell in Madras, whereas in Madranticum Taluq Cutcherry 18.2 inches was gauged in 48 hours (17.2 in 24), and this is probably (almost certainly) under the mark, as the gauge is in a courtyard 1,755 feet square, and trees beyond would protect it in some further degree.

3. The water in the large tank was full 8 feet below the crest of calingulah on the 4th, on the 7th it was running 6 feet deep over it. The channels at either end having no sluices carried water unchecked, and have damaged Mambaukum tank and the northern channel. Mr. Lowry has been called on repeatedly to forward the plans showing how Mr. Leggatt's project failed; this, I regret to say, he has not yet done, but I believe that I have now seen all the points, and have given him instructions how to remedy the shortcomings, and hope to get the estimates shortly.

4. Other tanks in the taluq have been breached, many from the excess of water in Zemindary tanks, the owners of which have repaired their banks without providing more ample means of discharge, regarding this matter I shall place myself in communication with the Collectr; but unfortunately we are also behind-hand in this, and, though prepared for a heavy monsoon, had not contemplated a second cyclone, in which the high wind adds the water so largely in doing damage.

5. Reports in detail have not reached me yet, but the injury is very much less among the tanks than in 1872.

6. To the north and west of Madras the tanks have not been filled.

7. The Cortiliar brought down a small fresh which has thrown a little water into Cholaveram tank; the Cooum also came down suddenly; a small opening had been left in the ring-bund for the passage of water to Chembrumbaukam tank, the crops under which were in great jeopardy from drought, the Collector had commenced an examination into claims for remission to the amount of Rupees 10,000, and there was only 9 inches of water on the sluice floor.

8. The unexpected flood destroyed the ring-bund and carried away the head wall connecting the sluices and anicut, which must, I think, have been shaken to have gone so suddenly.

9. I have desired the Range Officer to commence the new one in front of the old one to avoid the debris of wells, &c., the estimate can, I presume, be sanctioned as a repair.

10. The new work at Kasavaram cracked in three places, but apparently of no importance. They are all near the top of the wall.

*Proceedings of the Madras Government, Public Works Department,
25th June 1874.*

SUBMITTED for the information of Government.

2. Information will be called for from the District Engineer as to what has been done to render the tanks which breached into the Madranticum tank in 1872 more secure. This great tank was then in imminent danger.

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

No. 565.

ORDER THEREON, 25th June 1874, No. 1,721.

IRRIGATION, No. 47.

ORDERED to be recorded.

2. The District Engineer should inform the Collector in what position the rain gauge at the Madranticum Taluq Cutcherry should be placed, so as to ensure its affording a correct measure of the rainfall at that station.

3. It appears that at the end of April 1873 the Chief Engineer for Irrigation inspected the Madranticum tank, and it was brought to his notice that certain works carried out for the purpose of supplying other tanks from the Madranticum tank had from some cause not produced the intended results; the District Engineer now reports that Mr. Lowry has been called on repeatedly to show why Mr. Leggatt's project had failed, but that as yet he has not done so. This question should be determined with as little delay as possible, and it may be noticed that the Range Officer should have carefully gone into the matter, and reported what would be necessary to make the outlay already incurred of value, directly he found that the channels from the two ends of the tank were not being used to supply the tanks below.

4. The District Engineer should not only inform the Collector what Zemindary or other proprietary tanks are in need of waste weirs, but he should ascertain what lengths of weirs are required to make such tanks safe, and notice also what other work these tanks require. It will but seldom happen that the proprietors will be able to determine for themselves the conditions of safety, and it will be much easier for the Collector to induce them to pay proper attention to these works if what is necessary to be done be clearly specified.

(Tre Extract.)

John Mullins

Lieut.-Colonel, R.E.,

Joint Secretary to Government.

To the District Engineer, Chingleput.

.. Chief Engineer for Irrigation.

.. Revenue Department. ✓

Exd. S. T. Austin.

20 Spare Copies

will follow for Madras

N. 2213.
Revenue Dept.
Govt. of 1874 Madras.
PUBLIC WORKS.

To
THE DISTRICT ENGINEER, CHINGLEPUT.

cc. cc. cc.

Dated June 25th.

Recd. *July 6th* Encl.

G. O., 25th June 1874, No. 1,721

JUNE

Nos. 564-565

617

Damages to Tanks, Chingleput District.
Endorsement of the Chief Engineer for
Irrigation submitting a letter from the
District Engineer, Chingleput, reporting
damages to tanks, etc., in the Madurantenna
Taluk by the rain of the 5th and 6th May
last, recorded observations.

68
Communicated to the
Board of Revenue.

7 July 74

To B of Revenue 9/13 July 74

1 B of Revenue 25/7/74 No 2410