

(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.	238	Press	<i>Original</i>
~~B.P.~~ No.		Mis.	
Dated	27. 1.	195	1875

Not to be folded or roughly handled

No. 489. Read the following endorsement of the Chief Engineer for Irrigation, dated Camp at Authur, 15th December 1874, No. 1,058:—

From Colonel A. S. MOBERLY, R.E., District Engineer, Cuddapah, to Lieutenant-Colonel J. MULLINS, R.E., Chief Engineer for Irrigation, dated Camp at Obli, 20th November 1874, No. 1,606.

I HAVE the honor to report the occurrence of heavy floods in all the rivers in this district on the 24th and 25th ultimo, which rose higher than they had ever been known.

2. The Cheyaur river rose over and burst through the embankments and flooded the country for over three miles in width, the usual width of the river in former floods being only about three-quarters of a mile; it filled up all the channels leading out of it, and went over the bund of the Nundalore tank, which however, I am glad to say, has stood, although large pieces have been taken out of the rear slope. It also swept away the metalling and gravelling of the Nundalore railway feeder for about 130 yards, and breached the Madras road in two places to the north of Nundalore, besides other damage to the road surface. On the south side of the river the public road is damaged for about three-quarters of a mile. Lower down the river the channels, I am informed, are all filled, and several tanks have been breached.

3. The Boogga river in Cuddapah rose to the same height as in October 1852, and flooded the low parts of Cuddapah.

4. The Papugnee river burst through its embankment on the east side and flooded the country, making two small breaches in the railway bank, and also injuring two or three small tanks.

5. The Pennair river was in very heavy flood, but as yet I have only heard of its having breached the Cuddapah and Kurnool road in three or four places and destroyed the village of Ponapully, about five miles west of where the Cheyaur river joins it.

6. Lists of tanks that have been breached are being received, and am glad to say that none of the large ones have received more than slight injuries. I will have one list prepared as soon as I know all the damage that has been done, and submit the same for the information of Government.

7. The only tanks which caused any injury to the railway by thus bursting were the Munnar Kitchama tank in Pullumpett Taluq and the Chintacoonta tank in the Jummalmadoogoo Taluq. As regards the former, the damage may in a great measure be attributed to the small amount of waterway provided in the railway, and as regards the latter I will submit a separate report shortly.

SUBMITTED to Government with the list of damaged irrigation works referred to in the last paragraph but one of the letter.

2. The list includes 185 works. Some of the injuries sustained have clearly been very serious, and it will take a long time to ascertain the money value of the damage sustained.

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*Proceedings of the Madras Government, Public Works Department,
27th January 1875.*

3. Wherever the breaching of tanks has been caused by inadequate escape weirs, care must be taken that this cause of damage is once for all removed.

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

No. 490. ORDER THEREON, 27th January 1875, No. 238.

IRRIGATION, No. 51.

RECORDED with the remark that the best estimate which can be formed of the extent of the damage done should be given in the narrative called for in G. O., No. 3,411-A, dated 4th December 1874.

(True Extract.)

Colonel, R.E.,
Secretary to Government.

To the Chief Engineer for Irrigation.

Exd. S. T. Austin.
Spare Copies

*Proceedings of the Madras Government, Public Works Department,
4th December 1874.*

No. 85-A.

Dated the 4th December 1874, No. 3,411-A.

IRRIGATION, No. 8-A.

In order that a comprehensive idea may be formed of the magnitude of the disasters caused by the floods of September and October 1874, the Chief Engineer for Irrigation and Consulting Engineer for Railways are instructed to draw up, with all convenient despatch, narratives embracing the entire scope of their charges, and showing the nature and extent of damage done to each work within the same, and the conjectured cost of making it good for the present, and of securing against similar disaster in future.
(True Extract.)

(Signed) G. W. WALKER, Colonel, R.E.,
Secretary to Government.

To the Consulting Engineer for Railways.
,, Chief Engineer for Irrigation.
,, Revenue Department.

Exd E. C. Shunker.
Spare Copies

List of Tanks breached during heavy rains during September and October 1894.
in the Cooldahpals District

Talook	Village	Name of Tank &c	Whether on Davalundim	Nature of breach &c
Moolamully	Davalecheruvu	Teramala Davalecheruvu	Government	Longb Stone Kalingulab breached
	"	Maryani Palua	Do	The Ancient swept away by the
	"	Woffpara Palua	Do	overflow of the river
	Puligallas	Veerappa Cheruvu	Do	The bund to the extent of 20 or 30 fathoms and
	Beerungee	The Chapply Channel to the Guratinda tank	Do	The Ancient washed away
	"	Gowri Cheruvu	Do	Breached
	Gudhalalam	Kotha Cheruvu	Do	The sluice breached
	Gondapully	Amma Cheruvu	Do	Breached in 2 or 3 places.
	"	Pungadalamoani Cheruvu	Do	Breached
	Gummasamudram	Gungedolali Pinda	Davalundim (Gyfto)	do
Kandamully	Vampully	Boman cheruvu	Government	Fifty yards of the bund near the sluice breached
	Borakalyala Kotu	Gummasamudram tank	Do	The bund near the old sluice breached.
	Pungasamudram	Large tank	Do	Part of body wall of Kalingulab and apron washed away.
	Kannakhalapully	Edula Cheruvu	Do	The bund breached.

Locality	Village	Name of Tank &c	Whether Government or Desamudum	Nature of breach &c
Gadikota		Bodala Kaba	Government	Breachd away with whole of the adjacent lands.
		Balagam Kaba	do.	
		Chinnipala Kaba	do.	
		Alondaragudala Kaba	do.	
Gummitunda		Large tank	do.	The stone revetment is damaged.
Royasaram		Bodala Kaba	do.	The Chinam wall is washed away.
Dupparipully		Kallavalla Cheruvu	do.	The land near the sluice requires repair.
Mudumpane		Chundali Cheruvu	do.	Breachd in two or three places.
		Vaccalarasalar Cheruvu	do.	
Sampaya		Bodamma Cheruvu	do.	The Kalingula and the bund breachd.
		Nayacovalu Cheruvu	do.	
Madavarum		Podala Cheruvu	do.	The Kalingula carried away.
Chintreonda		Chintreonda tank	do.	Breachd.
		Supply channel	do.	
Gungiceonda		Gungiceonda tank	do.	Breachd owing to extraordinary height to which the tank is filled.
Chintreonda		Chintreonda tank	do.	Breachd at the southern extremity.
Chayapamot		Chayapamot tank	do.	Breachd.
Doorum		Doorum tank	do.	Has a small breach at the tail end of bund.
Vallavalli		Vallavalli tank	do.	do.
Pallavali		Pallavali tank	do.	do. the Kalingula is entirely too small and must be lengthened.
Rothapully		Rothapully tank	do.	Desamudum breachd.
Moolavaripully		Moolavaripully	do.	
Leigaparam		Leigaparam	do.	72.5
Condaiapully		Condaiapully tank	Government	Breachd.
		Cooperty tank	do.	
		do. channel	do.	
Jodivalla		Janapala tank	do.	Breachd at the end of the bund west of Kalingula and measures 24 yds deep.
Do.		Suppegunda tank	do.	Breach in the supply channel which enters the tank at the western end at about 50 or 60 yds west of Kalingula and measures 6 yds in width and 2 yds in depth.
Chintala		Margadaconda tank	do.	The breach is 8 yds wide and 2 yds deep.

Condaiapully

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Village	Name of Tank &c	Whether Govt or Desamudam	Nature of breach &c
Banialapure	Banialapure Tank B	Government	A breach occurred at the western extreme end.
Banamalapur	Banamalapur do	do	Breaches in two places.
Koppala	Koppala Tank B	Government	do in five places the largest 200 1/2, 28, 21, 13 & 32 Gds.
Thallayyampalle	Thallayyampalle Supply 135	do	do in four places Measures 18 1/2, 6 1/2, 2 1/2, & 8 Gds.
	do Tank B Desamudam	do	do in three places - the gaps measure 10 1/2, 17 & 19 Gds.
Puthampalle	Puthampalle Tank B	do	Breached
Nidham	Cauredole Coonda	Government	Damaged
	Canara (Pungamunda)		
Granta Pampalle	Chellamareddi Tank B	Government	Flooding washed away 140
Pattampore	Pattampore large	do	Breached
	and small Tank B		
Limdampore	Limdampore Tank B	do	A small breach
Yellapalle	Yellapalle Tank B	do	Embankment fell down about 12 or 15 Gds.
Kanasamudram	Kanasamudram Tank B	Government	South escape washed away
	Coprela Calva	Desamudam	Breached
Kavampally	Kavampally Ancient	do	do
Piragalore	Piragalore Tank B	Govt	Breached
	Pallacheruvu Tank B		do
Pidda Orupond	Supply Channel	135	
	Pidda Orupond	Desamudam	do
Gondloor	Gondloor Channel	Government	
	do Rajogari	Desamudam	Filled with sand
Teroomalayorpett	Teroomalayorpett Spring and Goro Channel	Government	do
Canloor	Canloor Ancient	Govt	Breached
Goragambakata	Goragambakata Tank B Supply Channel	do	Silted
Sarajana Nilose River	Sarajana Nilose River Channel	do	Good deal silted up and river embankment destroyed

William Pitt

Village	Name of Tank &c	Water Government or District	Nature of breach &c
Rajooconka	Rajooconka tank	Government	The Apron of eastern escape washed away and a breach of 39 1/2 in depth.
Stably Singaredolipully d Yellamrazipully	River bank Spring Channel Yellamrazipully	do do do	Washed away. 165' do - filled up. The wing walls of the channel are breached 30 yds.
Mannor	Mannor Elithamma tank Cusab's tank and Supply Channel	Government do	Breached in 3 places and rough stone Apron of escapes partly destroyed. Sand - breaches in 3 or 4 places.
Tingalote	New channel	do	Wing walls of Head Sluice destroyed
Pungampully	Pungampully tank escape	do	Barely destroyed
Pellumpett Wattaloor	Pellumpett tank Wattaloor tank	Government District	Bunds slipped in two places. Escape Apron destroyed.
Siddavaram	Chilaporia Canal	Govt	Bund washed away and channel silted up.
Bommarasam	Bommarasam tank	do	3 breaches. Apron to escape destroyed
Chinnabram Tallapam Aathoor	Chinnabram tank Tallapam tank Aathoor tank	do Govt Government	2 breaches destroyed. Breached in five places. First escape wing walls washed away Apron destroyed. Aprons to other escapes damaged.
Bommarapully	Bommarapully channel	Government	Covered with sand by flood
Palape	Palape tank	do	Breach about 200 feet
Konnor and Konapore	Konnor, Konapoor tank	Government	Bright breaches totalling 1900 feet. It has also deposited sand of about 1/2 yd in the bed of tank.
Madicheruvu Gedder to the above	Madicheruvu tank	Government	Breached

Island	Village	Name of Land etc	Whether Govt or Private	Nature of lands etc
Wilkes	Baniapora	Spring Head to the Pandurri Calva	Government	Silted up
	Yellamada	Nayani Calva	do	The ancient built to the river is in ruins
	Yiragoodapall	Gulivini Coonka	185 do	Breached

Snodolapits District
 Engineer's Office
 7th December 1874

L. M. Wilson
 District Engineer
 of Snodolapits

Q's No 2332

From Col M

The District Engineer
of Endlapah

To The Chief Engineer
for Irrigation P.M.D.
Fort St. George

Dated 7th December 1874
Recd 10/3

15/12/74

Mr 8054/74

List of Tanks breached
by heavy rains during
September and October 1874
in the Endlapah District
as promised in this Office
letter No 1606 of 20th November
1874

No 1606

Endlapah District Engineer's Office

Camp Obli

20th November 1874

Despatch No 50

From

The District Engineer of
Endlapah

To

The Chief Engineer for Irrigation
P.M. Department
Madras

Sir

I have the honor to report
the occurrence of heavy floods in all the
rivers in this District on the 24th and 25th
Ultimo, which rose higher than they had
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The Cheyarr River rose over
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and flooded the country for over three
miles in width, the usual width of the
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The Boagga River in Buddalapah rose to the same height as in October 1852 and flooded the low parts of Buddalapah.

The Papugnee River burst through its embankment on the east side and flooded the country making two small breaches in the Railway bank and also injuring two or three small tanks.

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As regards the former the damage may in a great measure be attributed to the small amount of waterway provided in the Railway and as regards the latter I will submit a separate report shortly.

I have the honor to be
Your most obedient Servant
W. H. Murray Colonel R.E.
District Engineer
of Buddalapah.

No. 1058. 254

Enclosures 2

Submitted to Government with the list of damaged irrigation works referred to in the last para but one of the letter.

- 2 The list includes 185 works. Some of the injuries sustained have clearly been very serious, and it will take a long time to ascertain the money value of the damage sustained.
- 3 Wherever the breaching of tanks has been caused by inadequate escape weirs, care must be taken that this cause of damage is once for all removed.

Camp at
Anthur - 15th
December 1874

Voluntarily
Lieut Col. R.
Chief Insp. for Irrigation

To,
The Secretary to Government
P. W. D.

Recd 1606
From No. 2162
The District Engineer
of Bundelkhand
To
The Chief Engineer
for Irrigation
P. W. D.
Bundelkhand
Recd 20th
Dec 21st 1874
Recd 23rd
Dec 27th
of heavy floods in all
the rivers in Bundelkhand
District and damages
caused thereby to some
of the villages. Land
and Ponds etc.
Mr. 8054/74
2

P.W.D.

Proceedings of the Madras Government.
Read the following

From the Chief Engr. — (4570. 10588/15th
for Insr. — December 1874)

2386

Recorded, with the re-
mark that the best esti-
mate which can be form-
ed of the extent of the
damage done should be
given in the narrative
called for in G. O. No. 3411A
dated 4th December 1874

15/12/74

G.M.

Chief Engr. for Insr. ✓
recd. 28/1/75.

P. No. 1875. D.M.
No. 10588/15th
The Chief Engineer
for Insr. and
to the Secy to Govt.
in Dep.

No. 10588

Recd. 15th Dec. 1874
Recd. 23 Dec. 1874

As per to the Secy to Govt.
the Dist. Engr. has
reported on the occur-
rence of heavy rain in
all the rivers of the
District and the
excessive rain has
caused much damage
to lands and other
works.

Ed. No. 25829-1-75

Ed. No. 25829-1-75

3054
Govt. of 1874 Madras.
PUBLIC WORKS.

To
The Chief Engineer
Chief Engineer, Bangalore

Dated

Encl. 2

o. v. 27 Jan 75. 238

Nos. 489-490.

Damages to Tanks &c
Cuddalore Dist.

Report submitted by
the Chief Engineer for
works on the damages
done to Tanks &c in
the Cuddalore District
by the floods of October
last, recorded with