

1. Number of pages 10
2. Date of receipt _____
3. Initials of the Officer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

GO. No. 2620	Press Mark
22	
Dated 28. 11. 36	

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
1st November 1862.*

No. 29. Read the following Memorandum of the Deputy Chief Engineer, Northern Circle, dated Chepauk, 29th October 1862, No. 442/Gm 287:—

Read the following letter from Captain C. G. PHILIPPS, Acting District Engineer of Ganjam, to Lieutenant-Colonel S. O. E. LUDLOW, R. E., Deputy Chief Engineer, Northern Circle, dated Berhampore, 13th October 1862, No. 216.

Sir,

1. In continuation of my letter No. 199, dated 30th September, I have the honor to inform you that I have received reports from all the Ranges regarding the heavy storm, and its effects upon Public Works during the 27th of September and two following days, and I am rejoiced to say that no masonry work has been destroyed on any of our lines of road, though numbers have been submitted to a trial beyond all previous calculation.

2. In the Chicacole Range the gale commenced on the 27th night, and lasted until 2 in the morning of the 29th; the Barometer fell to 29.325, and though less than 3" of rain fell at Chicacole itself, the floods that poured down from the mountains showed that an unprecedented rain-fall must have occurred along the line of Ghâts. The "Naungolea" river which is bridged at Chicacole, rose $1\frac{1}{2}$ feet higher than was ever known before, and some of the streets of the Town were 3 feet under water.

3. The Vumshirdara river which falls into the sea at Calingapatam, and from which numerous irrigation channels are taken off (all of which have been provided with head sluices within the last few years), rose to an extraordinary height, sweeping away the Telegraph masts, and carrying on its surface the roofs of houses, enormous trees, and the corpses of human beings, cattle, &c.

4. Had it not been for our works at the heads of the Channels, all of which had shutters down, the destruction to crops and villages must have been enormous. Several small tanks are breached, and one Calingulah in a Channel has been partially destroyed, but the repairs can be executed out of the ordinary funds at disposal in all cases throughout this Range.

5. The roads have been for miles under water, but have only in one instance breached so as to stop traffic, in the Salt swamp near Nowpada, where 100 yards of embankments gave way under the influence of tidal-water lashed into breakers by the gale on one side, and the pressure of flood-water on the other. In a week Mr. Colquhoun expected to repair the damage done.

6. The Poondy road was also injured for 136 yards by the tide, repairs are executed.

7. In the Kimedý Zamindári Lieutenant Cunliffe reports many breaches to tanks, principally to those just repaired, where the earth had not had time to consolidate, and these will be repaired as soon as possible out of Zamindári funds.

Telegram from Captain PHILIPPS, Chicacole, to Colonel LUDLOW, Madras, dated 25th October 1862.

24th October.—Desolating floods throughout District on 21st and 22nd. Damage to works very great. No road passable. Trijelly bridge destroyed being five feet under water, embankments breached, roads also; eleven inches of rain in thirty hours here. No reports received, beyond Berhampore and Trijelly no communication exists. Calingapatam roads breached in six places. Flood subsiding. Reserve Fund will be largely indented on.—25th 6-15.

1 Letter from the Acting District Engineer, No. 216, dated 13th October 1862.

1 Telegram No. 149, dated 25th October 1862.

1. Forwarded for the information of Government.

2. It will be observed that the Telegram is of a subsequent date to the letter of the Acting District Engineer.

3. Captain Philipps will be called upon to submit an exact statement of the number of Government works that have sustained injury, with an approximate

**Proceedings of the Madras Government, Public Works Department,
1st November 1862.**

estimate of the amount that will be required from the "Reserve Fund" for their restoration, and these documents, when received, will be submitted to Government, in due course.

(Signed) S. O. E. LUDLOW, Lieut.-Colonel, R. E.,
Deputy Chief Engineer, Northern Circle.

No. 30.

ORDER THEREON, 1st November 1862, No. 2,620.

The Government will await the receipt of the information promised in paragraph 3 of the Deputy Chief Engineer's Endorsement.

(Signed) W. I. BIRDWOOD, Colonel, R. E.,
Secretary to Government.

216,
Comptroller C. P. Birdwood
Acting District Engineer
of Mysore.
Lieut Colonel S. O. E. Ludlow R.E.
Deputy Chief Engineer
Northern Circle

Sir, In continuation of my letter No. 199 dated 30th September, I have the honor to inform you that I have received reports from all the Rangers regarding the heavy storm, and its effects upon Public Works during the 27th of Sept. and two following days, and I am rejoiced to say that no masonry work has been destroyed on any of our lines of road, though numbers have been submitted to a trial beyond all previous calculation. -

2. In the Chicacole Range the Gale commenced on the 27th night, and lasted until 2. in the morning of the 29th. - the Barometer fell to 29.325, and though less than 3" of rain fell at Chicacole itself, the floods that poured down from the Mountains showed

showed that an unprecedented rain fall must have occurred along the line of Grants, - The "Kangoolia" river which is bridged at Chicacole, rose $1\frac{1}{2}$ feet higher than was ever known before, and some of the streets of the town were 3 feet under water. -

3. The Kunchar dara River, with falls in the sea at Jalingapatam, and from which numerous irrigation channels are taken off, (all of which have been provided with head sluices within the last few years) - rose to an extraordinary height, sweeping away the irrigated tracts, and carrying on its surface the roofs of houses, enormous trees, and the carcases of human beings, cattle, &c. -

4. Had it not been for our works at the heads of the channels, all of which had shutters down, the destruction of crops and villages must have been enormous. - Several small locks are breached, and one Calingulah in a channel has been partially destroyed but the repairs can be executed out of

the ordinary funds at disposal in all cases throughout this Range. - 5. The Roads have been for miles under water but have only in one instance been broken so as to stop traffic, in the Salt Swamp near Hospada, where 100 yards of embankment gave way under the influence of tidal water lashed into breakers by the Gale, on one side, and the pressure of flood water on the other. - In a week Mr. Colquhoun expected to repair the damage done. -

6. The Pooddy road was also injured for 136 yards by the tide. repairs are executed. -

7. In the kindly Zemindary district: Curcliffe reports many breaches & locks principally of those just repaired, where the earth had not had time to consolidate, and these will be repaired as soon as possible out of Zemindary funds. -

Thence the honourable
Sir.

Your most obedt servant

Berkampore } C. P. Bickford Smith
October 13: 1862 } Acting District Eng.

Handed 24/10/82 7:30 P.M. 1882

24th 1882

Mr. J. G. Cook & Co. Engineers
Bangalore
To Mr. J. G. Cook & Co. Engineers
Bangalore
Bangalore

Received 14/10/82
24/10/82
P.M. 3.21.9/82

24th 1882
Reports of the effects of
the late storm upon
Public works during 27th
September 1882 and the
following two days.

[Electric Telegraph Office] Service NO. 149
COPY OF PRIVATE MESSAGE BY ELECTRIC TELEGRAPH.

FROM Chicacole TO Madras
FROM Captain Philipp TO Col. Ludlow

WORDS 70 L.P.

24th October. Desolating floods throughout
district on 21st and 22nd. Damage to works
very great. No road passable. Trijelly
bridge destroyed being five feet under water
embankments breached roads also eleven
inches of Rain in thirty hours here. No
reports received beyond Berhampore and
Trijelly, no communication exists. Calingapatnam
roads breached in six places. Flood
subsiding. Reserve fund will be largely
indented on. 25th 6-15

Commenced.		Finished.	
Recd. by	at	From	
Forwd. by	at	to	
Station recd. from		Station forwd. to	
<u>Madras</u> Electric Telegraph Office, The 25 th Oct 1882		<u>Trijelly</u> in Charge.	

Comd
N^o 442

Northern Circle Office
Chepauk 29th October 1862

Memorandum

Forwarded for the information
of Government.

It will be observed that the Telegram
is of a subsequent date to the letter of the
Acting District Engineer.

Captain Phillips will be called
upon to submit an exact statement of the
number of Government works that have
sustained injury, with an approximate
estimate of the amount that will be required
from the "Reserve fund" for their restoration,
and these documents, when received, will be
submitted to Government, in due course.

B. F. Whittm
Lieut. Col. R. C.

Deputy Chief Engineer R. C.

To
Colonel W. J. Birdwood R. C.

Secretary to Government S. F. D.

Em. Whittm

DN. 3919/62

Received 29/10/62

Letter from the
Acting District Engineer
3rd October 1862
Telegram 29th October 1862

St. Albans
No. 321, 9
St. Albans

The Deputy Chief Engineer
Apr. 6.

Dr. Daniel D. Bidwell, D.D.
Secretary to the Convention, 1843.

Dated 29th }
 Dec 30 } Dated 1882.

D. 108 107

Resolving for the

Information of Government to
Telegram of 11/19/92 5-0027/62
and letter from the District
Engineer, Telegram of 2/16 dated
13th October 1862 reporting dam-
aging floods in the Sangamon
District and informing that
Captain Phillips will be called
upon to submit an exact
statement of the number of prop-
erty that have sustained
loss and Chester money

James H. Hill

1820.

And I will outwardly be

peculiar of the information furnished in

Wm
James 3 of the Deputy Clerk to report

Indorsement.

July 19

15th Jan'y 62

John Joseph Caldwell

10

10 sent 6-

Ms. 29. 20.

From the Dry Dock
No. 2928
Feb 18 1891

ing, and an approximate
estimate of what will be
required from the "Redeem-
ers" for their restoration.