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TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

PUBLIC WORKS DEPARTMENT

G.O. No. 2098.W.	Press.
B.P. No.	Mis.
Dated 9-5-1878	197.

2.82

Not to be folded or rough handled

20918

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

9th May 1878, No. 2,098 W.

Buildings and Roads.
Military Works.

Read the following paper:—

No. 90. From E. H. PRINGLE, Esq., District Engineer, South Canara, to the Chief Engineer, Buildings and Roads, dated Mangalore, 29th April 1878, No. 5.

I HAVE the honor to report that two military buildings, the place-of-arms, and the tent godown have been considerably damaged by lightning during a heavy thunder storm last night.

2. The first building was struck at the west hip, the rafters of one couple completely destroyed, the laterite and plaster of the walls torn and pierced in many places, and the accoutrements hanging on the wall damaged. The electricity passed to the ground by three different channels, killing a cow that had taken refuge in the verandah. Ball cartridges remained unexploded in cartouch boxes, the metal lining of which formed part of the path of the lightning. The tent godown was struck in two places; both timber and masonry suffering considerably. Part of one flash passed down a rafter to the front wall, pierced it and descended to the ground by the bayonet and rifle of the sentry who was killed; a second sentry also in the verandah was struck down insensible at the same time. Neither of the buildings that have been struck are particularly prominent and the place-of-arms has large trees and a more lofty building close to it.

3. The amount of atmospheric electricity this year is unusually great. There have been many severe storms in the district lately, and the lightning last night was almost incessant for some hours.

4. I am taking steps to at once provide those of the principal public buildings remaining unprotected with conductors. In accordance with G.O., No. 1,511, dated 19th June 1876, a full report on the two cases will be submitted shortly.

No. 91. ORDER THEREON, 9th May 1878, No. 2,098 W.

RECORDED, pending receipt of the detailed report on the effects of the lightning discharge.

(True Extract.)

(Signed)

E. A. FOORD, R.E.,
Secretary to Govt., P.W.D.

To the District Engineer, South Canara.
" Military Department.

Exd. E. C. Shunker
Spare Copies

CONF. of 1978
PUBLIC WORKS.

[illegible]

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U.S. DEPARTMENT OF AGRICULTURE

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Doc. 5093.

Enclosed is a letter from the District Engineer, Michigan, requesting on the damage to be done by lightning recorded, printed matter report.

No 5 District Engineer's Office
Mangalore 29th April 1878

John District Engineer
South Canada

South Canara
The Chief Engineer
Road & Buildings
Madras.

I have the honor to Report that
two Military buildings, the Place d'Armes
& the tent Gardens have been considerably
damaged by lightning during a heavy
thunder storm last night.

The first building was struck at the west hip, the rafters of one couple completely destroyed the lattice & plaster of the walls torn and pierced in many places and the accoutrements hanging on the wall damaged. The electricity passed to the ground by 3 different channels killing a cow that had taken refuge in the veranda. Ball cartridges remained unexploded in cartouch boxes the metal lining of which formed

formed part of the path of the light-
ning. The tank godown was struck
in two places, both timber and masonry,
suffering considerably. Part of one flask
passed down a rafter to the front wall,
pierced it and descended to the ground
by the bayonet and pipe of the sentry,
who was killed. A second enemy also in
the verandah was struck & was irre-
trievable at the same time. Neither of
the buildings that have been struck
are particularly prominent and the
place of Amr has large trees and
a more lofty building close to it.

The amount of atmospheric elec-
tricity this year is unusually great.
There have been many severe storms
in the district lately, and the lightning
last night was almost incessant
for some hours.

I am taking steps to at
once provide three of the principal
Public buildings remaining unprotected
with Conductors. In accordance

with C.O. No. 1511 dated 19th June 1878
a full report on the two cases will be sub-
mitted shortly.

I have the honor to be,
Sir,
Yours most obedt servant

Edw. P. P.
Dist. Engineer

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Chart. of (1873) ~~Indine~~

PUBLIC WORKS.

To

N. L. ~~Langar~~

From

Recd.

1873

C. O. 7th May 1873, 2.48 P.M.

Not

State of Arms and Tent Lodging at
Mangalore

Letter from the "Blue" Malabar
reporting ~~loss~~ on the damage done
to the — by lightning, needed
pending further report.

Encl. in Reg^r