

(1) Number of pages 1-18

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No.	3653	Press
		Mis.
418-13		
Dated	19-11-	1868.

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
19th November 1868.*

No. 412. Read the following Proceedings of the Madras Government in the
Revenue Department.—

Rain gauges—Mr Pogson to submit information with reference to the delay in carrying out the orders of Government regarding their distribution after correction } (Here enter 13th November 1868, No. 2,857.)

No. 413. ORDER THEREON, 19th November 1868, No. 3,633

CIVIL WORKS, No. 62.

Communicated to the Officer in
charge of the Public Works Stores and
Workshops.

(True Extract.)

(Signed) CHARLES A. ORR, Colonel, R. E.,

Secretary to Government.

To the Officer in charge of Public Works Stores and Workshops.

Exd. F. R. Bantleman.

NOV. 13 1868

PUBLIC WORKS.

THE SECRETARY,

GOVERNMENT,

Madras.

1

6

NOV. 13 1868

No. 419-113

RECEIVED
PUBLIC WORKS
DEPARTMENT
NOV 13 1868

Proceedings of the Madras Government, Revenue Department,
13th November 1868.

No. 248. Read the following letter from the Government Astronomer and Meteorological Superintendent, to the Secretary to Government, Revenue Department, Fort St George, dated Madras Observatory, 22nd October 1868.—

I have the honor to request your consideration of the following suggestions, in reply to the Proceedings of the Madras Government, Revenue Department, 19th October 1868, received yesterday, immediately after the despatch of a letter in reference to the same subject (the Rain Gauges). Referring to the separate paragraphs of your order seriatim —

1. None of the tin gauges made at the Public Works Workshops were correct, but all too small, even if the glasses received from England had been perfectly correct. The errors in the latter were far from slight, but would alone have caused differences of five and six per cent in the amount of rain registered at any station

2. As none of the gauges are correct, I cannot conscientiously pass them as being so without alteration. As above stated, the errors of the glass measures are so far from being slight or immaterial that the returns would be wholly and unnecessarily vitiated by neglecting to allow for their defects

3. As each gauge contains a glass bottle, the measure cannot be packed inside, and, in any other way, is pretty certain to get separated from the gauge to which it belongs.

4. If the Board of Revenue will place the whole management of the rain measurements, including the despatch of the gauges, entirely in my own hands, I will undertake to supply them as promptly as they can be furnished fit for issue by the Public Works Department. If, however, I am not thus supported in my desire to ensure reasonable, and very easily attainable, accuracy, I forewarn the Board that the future Rain Reports, however carefully registered, will be as worthless and rough as in past years, and the expense already incurred for their improvement mere waste.

5. As stated in my letter of yesterday to the Secretary to the Board, I have not hitherto been able to pass a single gauge fit for issue. Some are now ready, and, if permitted in my own way, I will lose not a day in forwarding them to their destinations. The delay is indeed inexcusable, but certainly no fault of mine. It is not in the despatch of the rain gauges alone, but in a variety of other matters, such as the Public Time Signals, the Subject of Tank Evaporation, and the Great Eclipse, that my best and most earnest endeavours to accomplish what I knew to be of advantage to the service, and creditable to the Observatory, have been thwarted, frustrated, and partially defeated, by the apathy of the Superintendent of the Public Works Stores and Workshops; but as the subject of such complaints is now no more, I trust I shall not be called upon for explanations in self-defence, but rather guarded from any possibility of experiencing further disappointment by the cessation of any attempt at co-operation with a department which has so signally failed me for several years past.

6. In the printed copy of my letter, dated September 22nd, on the first page of the Proceedings, all the numbers are given with an additional cypher after the decimal point, as if I expected to attain accuracy to four decimal places. Thousandths only will be found in my original letter, and, as I have stated at its close,

*Proceedings of the Madras Government, Revenue Department,
13th November 1863.*

"*hundredths*" even would have been passed, had the funnels been within so coarse a limit of workmanship.

No 249

ORDER THEREON, 13th November 1868, No 2,857.

Miscellaneous

1 The Government desire to know from Mr Pogson the dates of receipt by him of the several batches of rain

gauges, and the dates of their return to the Public Works Department Stores for correction. Without this information before them, the Government are unable to determine whether Mr. Pogson or the late Superintendent of the Public Works Stores is responsible for the delay, already noticed, which has occurred in carrying out their orders in regard to the distribution of the new rain gauges. Mr. Pogson will also again be called upon to state why he permitted the numerous communications of the Board of Revenue, which were addressed to him between the 11th of May 1867 and the 21st September 1868, to remain unacknowledged.

2 The proposed correction of each rain gauge, in order to make it correspond with a single glass measure, which is constantly liable to be broken, is obviously altogether out of the question. The gauges should all be made correct in themselves, and the course pointed out in paragraphs 2 and 3 of the G. O., under date 19th October 1868, No. 2,653, should be followed as far as possible. If necessary, the number of the rain gauge, to which it has been allotted, should be marked with a diamond, and by a pasted label on each glass measure.

3 The proposals contained in paragraph 4, referred for the consideration and decision of the Government, may be the views of the Commission.

3 The proposals contained in paragraph 4 of Mr. Pogson's letter will be referred for the consideration and disposal of the Board of Revenue, but, whatever may be the views of the Board in the matter, Mr. Pogson will, no doubt, recognise that it is his duty to carry out the definitive orders, which he may receive, to the best of his ability without remonstrance or demur.

(True Extract.)

(True Extract,)

To the Government Astronomer.
 „ the Board of Revenue
 „ the Public Works Department,
 „ the Public Department.

W. D. Ryall
Acting Secretary to Government

Exd F R Bantleman

10. Confession of receipt of money

Proceedings of the Madras Government, Revenue Department.
13th November 1863.

P. N. 1158 Dec 24
Court. of (1863) Madras
C. F. 4481
REVENUE.

To
THE GOVERNMENT ASTRONOMER.

Dated Nov. 5th, 1863
Recd 17 — — 3 1863. 24

G. O., 12th Nov. 5th 1863, No. 2,557

NOVEMBER.
Nos. 213-219.

Rangees—Mr P. N. 1158
at on with reference to the
the orders of Government, and the
bution after correction.

No 8133-19: Nov 24/63

With an order

To
the Public
the Public Department.

Exd F R Bantleman.

1158

1158

No 8653

31

*Communicated to the
Officer in charge of the Public
Works, Streets & Workshops—*

*Fort Saint George
19: November 1863*

[Signature]

*To the Officer in charge
of Public Works—*

19: Nov 24/63

10. Co. of ... Well fall ...

Rain gauges (P. 1) Rev. L. L. L.
Requesting the Int. Commission
to furnish certain information
in connection with the de-
-lay which occurred in the
distribution, after correction,
of certain Rain gauges. Cord.
to the O. J. concerned.

10. Confess your well-fall on.