

1. Date of receipt 8  
2. Date of receipt 16-7-36  
3. Initials of Referee

M.R.O. 1-30,000-16-10-39

# MADRAS RECORD OFFICE.

**Government of Madras.**

*Public* **DEPARTMENT.**

|          |               |               |
|----------|---------------|---------------|
| G.O. No. | <i>1223</i>   | Press<br>Mis. |
| Dated    | <i>29-11-</i> | <i>1965.</i>  |

Not to be folded or roughly handled

*16/10/06*

Read the following :—

No. 115. Memorandum on a proposed Meteorological Register at Ootacamund.

(See Proceedings of Government, dated 16th June 1865. Report on the Sanitary condition of Ootacamund by the Honorable R. S. Ellis, C. B., dated 1st April 1865, No. 612, paragraphs 56 and 57).

It is proposed to keep the Meteorological Instruments at the European Jail—a situation well suited from its being in the centre of the station, and on an isolated elevation. The instruments will be under the immediate charge of the Apothecary of the Jail, who is always present, and who has sufficient time for the duty. His observations will be examined and tested daily by myself, at my ordinary visit to the Jail, so that their accuracy may be depended on. The present Apothecary, Mr. Whitwell, is intelligent and trustworthy, and evinces great interest in the subject, but unfortunately he is under orders for another station. I trust, however, that his successor may become, by instruction and training, well qualified for the duty.

2. The observations will be registered in uniformity with those of the Madras Observatory—co-operation of this kind was desiderated by the Government Astronomer, in his letter to Government, dated 23rd December 1862, paragraph 8, and was apparently approved of in the Government Order thereon, dated 11th February 1863, No. 156, paragraph 3.

3. The Government Astronomer might be asked to furnish forms for the record of the observations, and to offer any suggestions he might consider necessary, with reference to the peculiarities of the situation of Ootacamund.

4. The proposal entails no expense, as the necessary instruments must already be in the possession of Government.

5. The instruments should be tested and approved of by the Government Astronomer, before being sent to Ootacamund.

6. It is very desirable that the Instruments should be sent up as soon as possible, so that they may be in working order for observations at the commencement of next year.

7. The Meteorological Register kept by Mr. McIvor is not complete as a scientific record. Moreover, his instruments, placed as they are at the extreme limit of the station, and in the immediate vicinity of the Dodabetta range, do not give a correct indication of the Meteorological phenomena which affect the health of the people in the station.

8. It is proposed to publish the results in the local newspaper, so that the community may have the benefit of the information.

*List of Instruments required.*

1 Mountain Barometer.

*Thermometers. -*

1 Self-registering maximum.

1 „ „ minimum.

1 Black bulb self-registering maximum.

1 „ „ „ minimum.

Proceedings of the Madras Government, Public Department,  
29th November 1865.

List of Instruments required (continued).

- 1 Hygrometer (Mason's).
- 1 Pluviometer.
- 1 Electrometer.
- 1 Anemometer.
- 1 Ozonometer (Moffat's).
- 1 Box for exposing Thermometer's and Ozone papers.

OOTACAMUND,  
4th November 1865.

(Signed) J. MILLER, M. D., Surgeon,  
Senior Medical Officer, Neilgherries.

No. 116. ORDER THEREON, 29th November 1865, No. 1223.

The Memorandum will be referred to the Government Astronomer, who will, after communication with the Store-keeper, Department Public Works, and the Store-keeper of the Medical Department, report which of the instruments referred to can be supplied from the stores, and, with reference to those not so procurable, state whether he considers that they should be supplied, and, if so, specify the particular descriptions of instruments to be obtained, in order that the indents may be so prepared as to prevent mistakes.

(True Extract).

Chief Secretary.

To the Government Astronomer.  
,, Senior Medical Officer, Ootacamund.  
,, Principal Inspector General, Medical Department.  
,, Public Works Department.

Exd. J. H. Burns.

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*Memorandum on a proposed Meteorological Register at Ootacamund.*

(See Proceedings of Government, dated 16th June 1865. Report on the Sanitary condition of Ootacamund by the Honble. R. S. Ellis C.B. dated 1st April 1865. No 612, Paras 56 & 57.)

It is proposed to keep the Meteorological Instruments at the European Jail, a situation well suited from its being in the Centre of the Station and on an isolated elevation. The instruments will be under the immediate charge of the Apothecary of the jail, who is always present, and who has sufficient time for the duty. His observations will be examined and tested daily by myself at my ordinary visit to the jail, so that their accuracy may be depended on. The present Apothecary, Mr Whitwell, is intelligent and trustworthy and evinces great interest in the subject, but unfortunately he is under orders for another station. I trust however that his successor may become, by instruction and training, well qualified for the duty.

The observations will be registered in uniformity with those of the Madras Observatory - Cooperation of this kind was desiderated by the Government Astronomer in his letter to Government dated 23rd December 1862, Para 8, and was apparently approved of in the Government Order thereon dated 11th February 1863, No 156, para 3.

The Government Astronomer might be asked

to furnish forms for the record of the observations, and to offer any suggestions he might consider necessary with reference to the peculiarities of the situation of Otacamund.

The proposal entails no expense, as the necessary instruments must already be in the possession of Government.

The instruments should be tested and approved of by the Government Astronomer, before being sent to Otacamund.

It is very desirable that the Instruments should be sent up as soon as possible, so that they may be in working order for observations at the commencement of next year.

The Meteorological Register kept by Mr. McIvor is not complete as a scientific Record. Moreover, his instruments, placed as they are at the extreme limit of the station and in the immediate vicinity of the Rodabell range, do not give a correct indication of the Meteorological phenomena which affect the health of the people in the station.

It is proposed to publish the results in the local newspaper so that the Community may have the benefit of the information.

#### List of Instruments required.

- 1 Mountain Barometer. (Do. & Linds.)
- Thermometers.
- 1 Self registering Maximum
- 1 " " minimum

#### List of Instruments required. (Continued)

- 1 Black bulb self registering maximum
- 1 " " " minimum
- 1 Hygrometer (Mason's)
- 1 Pluviometer.
- 1 Electrometer.
- 1 Anemometer.
- 1 Ozonometer. (Moffat's)
- 1 Box for exposing thermometer's to ozone papers.

Otacamund  
14<sup>th</sup> November 1865

J. Miller / J. D. Surgeon B.  
Senior Medical Officer

PROCEEDINGS of the MADRAS GOVERNMENT.

Read the following Memo:  
from the Senior Medical Officer Nil-  
gherries.

Here enter 4<sup>th</sup> November 1865

Order thereon 29<sup>th</sup> November 1865 No. 1223.

The Memorandum will be  
referred to the Government Astronomer  
who will, after communication with  
the Store-keeper, Dept. Pub. Works,  
and the Store-keeper of the  
Dept., report which of the instru-  
ments referred to can be supplied from  
the stores, and, with reference to those  
not so procurable, state whether  
he considers that they should be  
supplied, and if so specify the  
particular descriptions of instruments  
to be obtained, in order that the  
instruments may be so prepared as  
to prevent mistakes.

AM

W. R. J.

- to the Govt. Astronomer
- to the Senior Med. Officer Cochin
- to the Asst. Secy. Med. Dept.
- to the Pub. Works Dept.

despatch

16 June 1865 No. 96098  
11 July 1865 - 16-17

Notice 1865 Sept.  
No. 1223  
Memorandum on  
a proposed alteration  
in the  
Registrar of the  
Madr. Govt. Office  
Nilgherries.  
17/11/65  
18/11/65

No. 1431

(4)

*For J. J. Jones*

*W. H. L. 1865. Department.*

No. 1223

PROCEEDINGS OF GOVERNMENT.

*Dated 29. November 1865.*

*Comit*