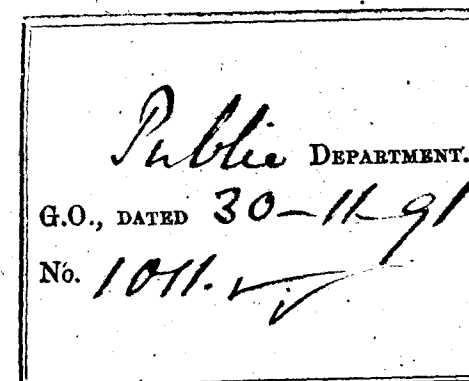


ORDINARY, MS.



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When given for copying

[Despatch Abstract.]

Regarding ~~the~~ testing
the condition of
Kodak Kodak Kodak
ta gini as compared
with Kodak for
astronomical obser-
vation. —

READ AGAIN ORDER OF GOVERNMENT, DATED
18, No. , MISCELLANEOUS.

ENCLOSURES.

CURRENT No.

STATEMENT WITH DITTO.

ORDER OF GOVERNMENT.

LETTER OF GOVERNMENT.

STATEMENT WITH DITTO.

PAPERS NOT FILLED UP, BEING MEANT FOR DESPATCH
IN ORIGINAL (not paged).

N.B.—

A = Copy in full.
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No. 816/S.

From

The Meteorological Reporter to the
Government of India.

To

The Secretary to the Government of India
Revenue and Agricultural Department.
Simla.

Dated Simla, the 7th October 1891

Sir,

I have the honour to report
that during my recent tour I
visited the Station of Kodaikanal
in the Palni Hills, and the station
of Kotagiri in the Nilgherries in
order to ascertain so far as I
could by a brief inspection whether
either of these stations would be
suitable for the establishment of an
Astronomical and Solar Physics
Observatory, and what class of
observations it would be desirable
to make in order to test their
relative

relative advantages and their superiority to Madras for Solar physics and astronomical observation work.

I also took the opportunity of visiting the Madras astronomical observatory and of ascertaining the views of the officiating Astronomer as to the best methods of testing the atmospheric conditions for astronomical work at night.

In the first place so far as I could ascertain by enquiry the atmospheric conditions at Kottagiri are during the south-west monsoon period almost if not quite as good at that station as at Kodaikanal. The information I acquired for the north east monsoon period was less precise, but so far as I could ascertain the conditions are even then little inferior to those of Kodaikanal.

Hence

Hence, I think it would be desirable to test as fully the conditions of Kottagiri as those of Kodaikanal.

It will be necessary to test the atmospheric conditions by day in order to ascertain and compare the advantages of each station for solar observations and by night for ordinary astronomical observations.

In order to test the atmospheric conditions by day, I would propose to establish meteorological observations at Kodaikanal and Kottagiri which should take temperature and other meteorological observations three times daily and cloud observations at intervals of two hours from 8 a.m. to 10 P.M. I also propose to supply each of these stations with a sunshine recorder to

to register automatically the number of hours of sunshine daily. The establishment of the observatory at Kodaikanal was sanctioned D.O. in letter No. 620 dated 12th March 1891 at a cost not exceeding Rs 20/- per mensem and I sent Miss Pogson sometime ago to erect the shed in a suitable site and select and train an observer. That observatory commenced work on the 12th July and I have the honour to ask that Government will be pleased to sanction a monthly pay of Rs 20/- per mensem from the date of the commencement of work until 31st December 1892, the cost to be met from savings in the grant for storm observations and special investigations.

I have also the honour to ask that the Government will sanction the opening of an observatory

observatory at Kotagiri to record observations in exactly the same manner as I have arranged at Kodaikanal, and the payment of the observer at the rate of Rs 20/- per mensem from the date of commencing the work of observation until the 31st December 1892, the cost to be met from the grant for storm and special observations and investigations. I have already instructed Miss Pogson to arrange for the construction of the shed and to hold herself in readiness to proceed to Kotagiri and establish the observatory there, and I beg to ask for early sanction in order to enable me to open the Kotagiri observatory as early as possible.

Finally, I have the honour to state that Mr. Archie Smith officiating astronomer told me he

he thought the observations taken
by the observers would be of little
use for deciding the suitability
of either of these hill stations for
astronomical work but suggest-
ed others, which it would not
be possible for me to carry out
with the agency at my disposal.
I would therefore suggest that
the Government of Madras should
be advised to request Mr. Enichie
Smith to report what observations
he would advise for testing the
conditions of Todaihanal and
Totagiri as compared with Madras
for astronomical observations, and
what arrangements he would
propose for securing the necessary
observations. If these were approved
by the Government of Madras
and India he should then be
requested to carry out these arrange-
ments without delay so that the
results

results of the comparison might
be available before the end of
the year 1892.

I have, &c.,
(Signed) John Eliot,
Meteorological Reporter to the
Government of India.

(True Copy,
J. H. S. S. S. S.
For Registrar,
Revenue and Agricultural Dept^{ts}.

11/11/92

Table

fill

27 Nov 2.30 Nov 1.10

The Dy. Genl. Astro-
nomer will be requested
to report on the point
mentioned at the con-
clusion of Mr Eliot's
letter.

From,
The Govt of India
Rev. & Agri. Dept.
No 2373
2

25/11
The Dy. Genl. Astronomer
with original
SPATCH
25/11
IN M.S.

27 20 } Nov/91.
Recd 24

Encls: 1.

Forwarding copy of
letter to the Meteorological
Reporter to the Govt of India
sanctioning certain proposals
made by him with reference to the
Astronomical observations in the
Madras Presidency.

C. 27/11
R. 35/11

with a request that Mr. Erickson
Smith may be asked to submit
the report called for on the last
paragraph of Mr. Eliot's letter.
By Order.

Wm. Buchanan

Offg. Secretary to the Govt of India

MS

No. 2372
2



FROM

J. W. P. MUIR-MACKENZIE, Esq., C.S.,
offg. Under-Secretary to the Government of India,

TO

*The Meteorological Reporter to the
Government of India.*

Calcutta, the 20th November 1891.

Revenue and Agricultural
Department.

(Meteorology) SIR,

*In reply to your letter
No. 816 dated the 7th ultimo, I
am directed to convey the sanction
of the Government of India to the
following proposals made therein
on the understanding that for
the present financial year the
cost will be met from the grant
for storm observations and
special investigations and that
for the year 1892-93 it will be
duly provided for in your
Departmental budget.*

1. *A monthly pay of Rs 20/-*

the Observer at the Kodai Kanai
Observatory from the date of
starting work viz: 1st July 1891
to 31st December 1892.

2. The Establishment of an Obser-
-vatory at Kotagiri in the Nil-
-gherries and the payment to the
Observer at the rate of Rs 20/- per
mensem from the date of commene-
-ring the work of observations until
the 31st December 1892.

I have, &c.,

(Signed) J. W. P. Currie. MacKenzie,
Offg. Secretary to the Govt. of India.

No 2373
2

Copy, with copy of the letter to
which it is a reply, forwarded to
the Government of Madras for
information in continuation of
the letter from this Department No.
243 dated the 27th October 1891 and
with