

ORDINARY, MS.

Public DEPARTMENT.
G.O., DATED 1-12-91
No. 1012 ✓

INDEXED

When given for copying

[Despatch Abstract.]

Copy to the Revenue
Dept. letter for the report
Action in making
certain suggestions
in connection with
the main inking
experiments

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THE OBSERVATORY,

Madras, 27th November 1891.

From

THE GOVERNMENT ASTRONOMER,

Madras.

To

The Honble J. F. Price,
 Chief Secretary to Govt.
 Fort St. George.

Sir,

I have the honor to address you
 on the following subject.

I understand that Government
 sanctioned the expenditure of
 in rain-making experiments and it
 will not be thought presumptuous
 my part to suggest that during
 conduct of the experiments special
 observations should be made by some
 competent Meteorologist. The subject
 is one of our great practical importance
 that it is most desirable that

பாதுகாப்புப்பிரிவு-1

செய்ப்பணிப்பவர் பெயர்

செய்ப்பணி வதற்காக
 எடுத்துக் காள்ளப்பட்ட நாள்

செய்ப்பணிக்கு முடித்த நாள்

சரிபார்க்கும்
 முகம் கு.நி.பா.அ.
 கையெழுத்து

சரிபார்க்கும்
 இரண்டாம் கு.நி.பா.அ.
 கையெழுத்து

ஆலோசனை உதவியாளர்
 கையெழுத்து

all possible information should be obtained from the experiments. If the experiments about to be carried out are successful much will, no doubt, have been gained but if the meteorological conditions under which the success is obtained are fully known the gain will be still more, and even if no rain is obtained, careful observations as to whether or not it is worth the experiments under conditions.

The observations that I would suggest are these:-

- 1) Wet and dry bulb thermometers
- 2) Barometric readings (preferably with an aneroid)
- 3) Rainband observations
- 4) Wind direction and strength
- 5) Clouds, both upper and lower -

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their nature and motions.

- (6) Rainfall, with accurate notes of both the amount and the time
- (7) Very careful notes of the movement of the smoke from the chimneys.
- (8) Atmospheric Electricity.

3. I may add that the interest in these experiments is by no means confined to Madras for I received a telegram a few days ago from Mr. C. Todd, Government Astronomer, Adelaide, requesting information regarding the Madras rainfall experiments in view of some that were about to be conducted by the South Australian Government.

I have the honor to

Yours most obedt servant,

C. Michie Smith

(1012)

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12/1/91 2/1/91 11/4/91

From

THE GOVERNMENT ASTRONOMER,

Madras,

No. 90

Dated

27th Nov 191

Received

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order 1 Nov 91 A 1012

bound to the
Revenue Dept. with
reference to G.O. of
10. 11. 91, no. 5786. Rev.

Subject.

Offering certain sugges-
tions relating to Rain making
experiments.

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GOVERNMENT

The Rev. Dept.

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WITH ORDER