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 (2) புதுக்கித் திருப்பிய நாள் 6.9.0
 (3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம் 60

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

P. M. D. துறை

அரசாணை எண். மு. கோப்புத் தாள் எண்.	1754 ஃ (S.C)	அச்சகம் பலவகை
நாள் :	6-7-1893	198

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

3-10-93

GOVERNMENT OF MADRAS.
REVENUE DEPARTMENT.

READ—again G.O., dated 1st September 1892, Mis. No. 3895, Revenue.

ABSTRACT.—Addressing Government of India for amplifying the daily weather summary telegraphed to this Government and the Press by including more particulars relating to Madras.

READ—the following letter from C. A. GALTON, Esq., Secretary to Government, Revenue Department, to the Secretary to the Government of India, Revenue and Agricultural Department (Meteorology), dated 1st September 1892, No. 3896 :—

Representations having been made that the daily telegraphic weather summary received from Simla, containing as it does only general particulars for all India, does not meet the requirements of the public of this Presidency, I am directed to request that the Meteorological Reporter to the Government of India may be instructed to amplify the daily weather summary telegraphed to this Government and the Press by including particulars of barometric pressure, wind direction, temperature and rainfall relating to the chief up-country meteorological stations in the Madras Presidency. I am to add that this Government is willing, if necessary, to bear any charges which may be incurred in telegraphing the additional information now asked for.

READ—again the following G.O., dated 24th October 1892, Mis. No. 4654, Revenue :—

Read—the following telegram from the Meteorological Reporter to the Government of India, to the Secretary to the Government of Madras, Revenue Department, dated Simla, 12th October 1892 :—

Will you kindly say if telegraphic summaries of daily weather as at present sent meet your wishes or whether any further or different information is required.

Order—dated 24th October 1892, Mis. No. 4654, Revenue.

Ordered that the following telegram be despatched :—

“Your telegram, 12th. Madras Government wishes daily bulletins published by Miss Pogson similar to Calcutta or Bombay daily summaries. Details will be discussed personally on your arrival here. Meanwhile, recently amplified telegrams will suffice if specific allusion made to rainfall at any important Madras centre when it occurs.”

(True Extract.)

(Signed) C. A. GALTON,
Secretary to Government.

To the Meteorological Reporter to the Government of India.

Copy to the Commissioner of Revenue Settlement, Land Records and Agriculture.

READ—again the following G.O., dated 24th October 1892, Mis. No. 4655, Revenue :—

Read—the following Proceedings of the Board of Revenue (Revenue Settlement, Land Records and Agriculture), dated 21st September 1892, Mis. No. 7571 :—

Read—official memorandum from Government, Revenue Department, dated 5th September 1892, No. 251-R.

Read—the following letter from Meteorological Reporter to Government of Madras, dated 10th September 1892, No. 770 :—

With reference to Proceedings of the Board of Revenue (Revenue Settlement, Land Records and Agriculture), dated 16th May 1892, Mis. No. 6084, I have the

26TH MAY 1893, No. 457, REVENUE.

honour to state that I shall be happy to undertake the publication of the daily report and chart of the Madras Presidency in a similar manner to the one issued at Bombay, subject to the approval of the Meteorological Reporter to the Government of India to whom the matter has been referred. On receipt of a reply from that officer, I will inform you of the probable cost of telegrams, establishment, &c., for the new work proposed.

Resolution—dated 21st September 1892, Mis. No. 7571.

Submitted to Government with reference to endorsement, No. 1458, dated 29th June 1892.

2. Miss Pogson will be requested to submit her reply to Board's Proceedings, dated 16th July 1892, Mis. No. 6084, at the earliest possible date.

(A true Copy and Extract.)

(Signed) P. RAJARATNA MUDALIAR,
Secretary.

To the Secretary to Government, Revenue Department, with copy
of Board's Proceedings, dated 16th July 1892, No. 6084.
" Meteorological Reporter.

ENCLOSURE.

PROCEEDINGS of the Board of Revenue (Revenue Settlement, Land Records and Agriculture),
dated 16th July 1892, Mis. No. 6084.

Read—endorsement of Government, Revenue Department, dated 29th June 1892, No. 1458.

Resolution—dated 16th July 1892, Mis. No. 6084.

The Meteorological Reporter to Government will be requested to inform the Board whether she could undertake the preparation and issue of a daily weather report for this Presidency on the lines followed in the report issued daily in Bombay or in the simpler form which appears every day in Calcutta in the *Englishman* newspaper, prepared by Mr. Pedler. She will also be requested to report, if it were decided to undertake such a publication (1) whence and what telegraphic reports would be required; (2) their probable cost.

The Bombay report appears to include information for a much larger number of stations than would be required for this Presidency.

(A true Extract.)

(Signed) P. RAJARATNA MUDALIAR,
Secretary.

Read—the following letter from E. D. MACLAGAN, Esq., C.S., Officiating Under Secretary to the Government of India, Revenue and Agricultural Department (Meteorology), to the Secretary to the Government of Madras, Revenue Department, dated Simla, the 5th October 1892, No. 2805—57 :—

With reference to your letter, No. 3896, dated the 1st ultimo, asking that the Meteorological Reporter to the Government of India may be directed to amplify, with reference to local conditions, the daily weather reports sent to the Government of Madras, I am directed to state, for the information of His Excellency the Governor in Council, that Mr. Eliot will shortly be proceeding to Madras and that on arrival he will discuss the matter with the local Government. Meanwhile, with especial reference to the prospects of the north-east monsoon and as a provisional arrangement, the First Assistant to the Meteorological Reporter will supply daily any special information which may be available as a postscript to the telegram sent to Madras.

Order—dated 24th October 1892, Mis. No. 4655, Revenue.

Recorded with reference to G.O., dated 24th October 1892, No. 4654.

(True Extract.)

(Signed) C. A. GALTON,
Secretary to Government.

To the Commissioner of Revenue Settlement, Land Records and Agriculture.

Read—also the following letter from the Meteorological Reporter to the Government of India, to the Chief Secretary to the Government of Madras, dated Simla, the 22nd February 1893, No. 115-S :—

I have the honour to submit the following suggestions for the publication of a daily weather report for the consideration of the Madras Government.

2. The Government of Madras during the past year directed the attention of the Government of India on more than one occasion, I believe, to the fact that the meteorological information telegraphed daily from Simla was inadequate and unsatisfactory in many respects, and suggested as one remedy the publication of a daily weather report at Madras similar to that issued at Bombay. The Government of India instructed me, when I visited Madras during my cold weather tour, to ascertain by local inquiry what was desired, and to suggest arrangements for the publication of a daily weather report suited to the requirements of the Presidency.

3. The following proposals provide for the publication of a daily weather report which shall give not only full information of the weather in the whole of the Madras Presidency, but also of certain additional stations or areas which frequently indicate the commencement of stormy weather likely to affect Madras in the course of a few days. These additional stations are chiefly in Burma and Ceylon. Their inclusion in the report is desirable in order to make the report as useful as possible. The complete data will not merely show fully the actual state of the weather throughout the Presidency, but also include observations giving the earliest indications of the formation of storms off the Ceylon coast or in the Bay of Bengal likely to give rainy or stormy weather to either coast of the Presidency, and hence more or less general rain for some time after over a portion or the whole of Madras.

4. It would hence be desirable or necessary to include in the report daily weather telegrams from the following observatories, 36 in number :—

Ceylon	Colombo.	Cuddalore.
	Trincomalee.	Negapatam.
	Diamond Island.	Pamban.
Burma	Rangoon.	Trichinopoly.
	Akyab.	Madura.
	Gopalpore.	Tinnevely.
	Vizagapatam.	Cochin.
	Cocanada.	Trivandrum.
	Rajahmundry.	Calicut.
	Masulipatam.	Mangalore.
	Nellore.	Mercara.
Madras	Cuddapah.	Bangalore.
	Kurnool.	Hussan.
	Bellary.	Hyderabad.
	Madras.	Belgaum.
	Salem.	Bombay.
	Coimbatore.	Karwar.
	Wellington.	Marmugao.
		Coorg
		Mysore
		Deccan
		Bombay coast...

The daily weather telegrams from the stations would be sent off shortly after 8 A.M., and should (with perhaps one or two exceptions) reach Madras before 10 A.M.

5. It is hardly necessary for me to state that a chart showing at a glance the leading features of the observations would be an essential part of the daily weather report. I enclose on a separate sheet a rough hand prepared specimen of the chart and form I would suggest for the proposed Madras daily weather report.

6. The report would, if introduced, of course, be prepared at the office of the Meteorological Reporter to the Government of Madras, Miss Pogson. It would

probably be necessary in order to ensure the rapid delivery of the telegrams to her office, that it should be telegraphically connected with the Chief Telegraph Office. If this arrangement were made, the great body of the telegrams would come in between 9 and 10 A.M., and her office, if slightly re-arranged and strengthened in the manner indicated in paragraph 4, would have the whole of the information tabulated and the chart prepared ready for printing by noon at the latest. I am informed that at Bombay the information is ready for the press between 11 A.M. and noon.

7. The chart, tabular statement and summary of the observations might be lithographed as at Calcutta in the case of the Bay of Bengal Daily Weather Report or printed as in the case of the Bombay report. I have considered this point and consulted Miss Pogson and other authorities in Madras, and have learnt that it would be far more expeditious to lithograph it, and that its publication in this form would probably satisfy all the requirements of the Madras Government and public. A lithographic press and small printing establishment would, if this plan be adopted, be necessary. The press should be located in Miss Pogson's office, in order that she might see the work was correctly and quickly done. A small staff of peons would also be necessary to distribute the report over the somewhat wide area of Madras, and special arrangements, e.g., the use of tricycles, &c., might be desirable to facilitate the early delivery of the report. Special arrangements of this kind would naturally suggest themselves in the course of time, and Miss Pogson would be ready to adopt any satisfactory plans suggested on the point. The whole of the copies required would, by these arrangements, be ready for distribution probably between 1 and 2 P.M., and they should, as a rule, be placed in the hands of the Government officials and public in Madras between 2 and 3 P.M.

8. It remains to point out what changes it would be necessary or desirable to make in Miss Pogson's office to enable it to carry out the proposed Daily Weather Report and what the cost would be of the proposed arrangements.

9. It would be most satisfactory from various points of view that Miss Pogson's office should be relieved of the tabulation and reduction of observations at certain Madras stations for transmission to and utilization by the Calcutta Meteorological office. By this change her work would be confined to the duties of general superintendence of the Madras observatories and the rain-gauge stations, the preparation of the local Daily Weather Report and of the monthly provincial rainfall statement. By this re-arrangement the work of two clerks would be saved in the Madras office, but it would be necessary to provide the Calcutta office with two clerks to do the tabulation work now done in the Madras office.

10. It would be absolutely necessary that she should have, in addition to a head clerk, two tabulators who would be sufficient as a rule to do the Daily Report tabulation work, and a draughtsman to prepare the chart for the press. It would also be desirable, if not necessary, to provide an additional clerk who could do either tabulation or draughtsman's work, to replace any one of these clerks, when absent from office on account of sickness or other cause. A lithographic printing staff, including a pressman and two peons, would suffice for the printing of the reports. For the distribution of the report it would probably be necessary to provide three peons. The following gives an estimate of the additional expenditure for office and establishment:—

One draughtsman	Rs.
One additional clerk and draughtsman	50
Two clerks for the Calcutta office to do the work now done by the second and third clerks in the Madras office who would be utilized in preparing the Daily Weather Report, Rs. 20 to 30	30
Lithographic press man	55
Two peons for press	12
Distributing peons (viz., 1 peon on Rs. 10; 2 peons on Rs. 8)	16
Contingent expenditure for press, &c., probably about	26
	20
Total	209

11. Miss Pogson also suggests that as the daily preparation of the report will entail much heavier and more exacting work on her and her office than hitherto, she and her office clerks ought to receive some special extra remuneration in addition to

their pay as sanctioned for their present duties. She proposes the following special allowances as sufficient compensation for the extra work:—

For herself	Rs.
head clerk (present pay Rs. 60 to 80)	100
second clerk (Rs. 40 to 55)	15
third clerk (Rs. 30 to 40)	10
	5
Total	130

Miss Pogson would have, I conceive, a good claim for increase of pay, but I am not quite certain that her office have, on the other hand, a strong claim. A slight increase of pay would undoubtedly stimulate them to do their best to make the report a success and be some solace for their longer and more constant exacting duties than hitherto.

12. It would be necessary to provide two lithographic presses, and stores of printing ink, &c., for the press, and also to pay the travelling allowances of the draughtsman and one or more clerks whom it would be necessary to send to Calcutta, Simla, or Bombay (whichever might be thought best) to learn thoroughly the work of tabulating the data and preparing the chart for press. It is not possible to calculate exactly the initial expenditure, but it would certainly not exceed Rs. 750.

13. Leaving out the cost of the telegrams, the total cost of the arrangements for starting and continuing the publication of a Daily Weather Report, as proposed for Madras, would be an initial expenditure of Rs. 750, and a monthly expenditure of, say, Rs. 339, or annual expenditure of, say, Rs. 4,000.

14. If the Madras Government were prepared to contribute the amount and expressed a strong desire for the publication of such a daily report, I believe it is probable that the Government of India would contribute the telegrams free of cost, as it already does in the case of the Bombay report and the Bay of Bengal report (copies of which are enclosed for reference). It would, however, be necessary for the Government of Madras to make an application to the Government of India, if it wished to ascertain whether telegrams would be supplied free of cost for the proposed Madras Daily Weather Report or not.

15. If it be decided to have a Daily Weather Report, it would probably be most convenient for the Madras Government to make a lump annual contribution to the Meteorological Department, and that the grant should be solely controlled and expended by that department for the publication of the report as is already done in the case of the Bombay report. This arrangement has been found to work smoothly and satisfactorily.

16. The report would, of course, be supplied cost free to all Government officers to whom Government sanctioned its issue. It would be supplied to the ordinary public at a cost of, say, Rs. 5 per mensem, and the amount thus realized would probably suffice to pay for the cost of the blank forms, which would be printed either at the Government Press or the Survey Lithographic Press at Madras, and at the cost of the Madras Government.

17. At the present time the Madras Government is being supplied with special weather telegrams from Simla, at a cost of averaging nearly Rs. 150 per mensem. It is understood that the Madras Government offered and are willing to pay for these telegrams. These telegrams have the disadvantage of not arriving until sometime on the day after that to which they refer. It would not be possible by any ordinary arrangements to send the telegrams from Simla to arrive at Madras within the office hours of the day of transmission, and hence there will necessarily always be a considerable delay in their delivery to Government officials and the public in Madras.

18. It is hence desirable that the Madras Government should consider shortly whether it desires to continue the present somewhat dilatory and circuitous method of receiving the meteorological information it requires at a cost of Rs. 150 per mensem, or have it tabulated, discussed and published in full on the spot in the shortest time compatible with present conditions at a cost of about Rs. 333 per mensem.

The chief advantage of the latter arrangement would be that the whole of the information relating to the current weather in the Madras Presidency on any day would be available for the Government and the Madras public on that day. If the present arrangement be continued, it will continue to receive a more or less brief and imperfect summary in words from 12 to 24 hours later than it would under the more perfect arrangement proposed above.

19. I have endeavoured to place before the Government of Madras a complete and feasible scheme for the publication of a Daily Weather Report. If it decides to introduce it in its present or in a modified form and obtains the sanction of the Government of India to the scheme, I shall be prepared to send Mr. Dallas to Madras to assist Miss Pogson in starting it in a satisfactory manner.

ORDER—dated 26th May 1893, No. 457, Revenue.

Miscellaneous.

His Excellency the Governor in Council is much obliged to Mr. Eliot for the scheme he has suggested for the

publication of a Daily Weather Report in Madras under the superintendence of the Local Meteorological Reporter. The scheme is approved by this Government and application will be made to the Government of India for its sanction thereto and for the necessary telegrams being supplied therefor from Simla.

2. Orders will issue in the Public Works Department for connecting telegraphically the Meteorological Reporter's office with the Madras General Post and Telegraph Office.

3. Miss Pogson will arrange, in communication with the Meteorological Reporter at Calcutta, for the transfer of work suggested in paragraph 9 of Mr. Eliot's letter, and will submit proposals for the reorganization of her office in the manner suggested in paragraph 10 of his letter.

4. The extra remuneration proposed in paragraph 11 is sanctioned and may be passed to Miss Pogson and her staff from the date on which the scheme is brought into operation by issue of the record of observations in the new form. In the meantime, Miss Pogson will be authorized to incur an expenditure up to Rs. 750 in providing her office with the necessary lithographic printing materials and in deputing one or more of her clerks for learning the work as suggested in paragraph 12 of Mr. Eliot's letter.

5. Mr. Eliot's offer to send his First Assistant Mr. Dallas to assist Miss Pogson in starting the new scheme is accepted with thanks, and Miss Pogson will be requested to let Mr. Eliot know as soon as the necessary preliminaries have been arranged.

6. Ordered that the following letter be despatched to the Government of India.

(True Extract.)

(Signed) C. A. GALTON,
Secretary to Government.

To J. Eliot, Esq., M.A., Meteorological Reporter to the Government of India (Simla).
„ the Meteorological Reporter to the Government of Madras.

Copy to the Board of Revenue (Revenue Settlement).
„ to the Public Works Department.
„ to the Accountant-General.

Ed. C. M. Brisson.

90 Copies.

1754
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Gobt. of {1893} Madras.
REVENUE.

12/524 W of 6 July 1893

Communicated to the officers of
the P.W.D. for information.

2. The Supdt of Telegraphs Madras Dn
will be requested to arrange for
connecting telegraphically the
Meteorological Reporter's Office
with the Madras General Telegraph
Office.

(Sd) J. H.
W.

Issued

Recd.

Encl.

G.O., 26th May 1893, No. 457.

MAY.

Daily Weather Report.

Approving a scheme suggested by the Meteorological Reporter to the Government of India for the publication of a — in Madras.

20.

The G. E. for I.
" Cons? Engrs for Rys.
" Cons? architect to Govt.

all Supts. Engrs.

The S. J. W. P. D.

The Supdt of Telegraphs
Madras Dn