M.R.O. 14—12,000—27-9-94

MADRAS RECORD OFFICE.

Government of Madras.

Revenue **DEPARTMENT.**

G.O. No. 102 Press ~~Mis~~

200-202

Dated 14—1—1867.

Not to be folded or roughly handled

Proceedings of the Madras Government, Revenue Department, 14th January 1867.

Read the following papers:—

No. 200. From the Government Astronomer, to the Secretary to Government, Revenue Department, Fort Saint George, dated Madras Observatory, 4th September 1866.

Herewith I have the honor to return the letter from A. P. Webb, Esq., of Meerut, dated 7th August 1866, addressed to the Secretary to the Government of Madras, proposing the detailed publication, in daily form, in the "Fort Saint George Gazette," of the Revenue Board Rain Returns; also a copy of the Supplement to the Punjab Government Gazette, dated Lahore, 19th April 1866, in which similar Returns for the districts of the Punjab and Central Provinces are printed, agreeably to Mr. Webb's suggestions.

2. My own report upon the Revenue Board Rain Returns of this Presidency being now under consideration of Government, and my views in regard to the importance of the subject, the treatment of the past and improvement of the future Returns, the construction of a Presidency Rain Map, and the most useful form of publication of the current results having all been fully expressed therein, I have only to add, in reference to Mr. Webb's scheme, that I regard the preparation for press of such extended details as he desires as a very needless addition to the labors of any department, and their printing as a mere waste of public money and a most useless addition to the bulk of the Government Gazette.

No. 201. Proceedings of the Board of Revenue, dated 4th December 1866, No. 8,647.

Read the following papers.

Government Order, dated 23rd August 1866.

Read the following letter from A. P. WEBB, Esq., to the Secretary to the Government of Madras, dated Meerut, North-Western Provinces, 7th August 1866.

1. I beg to enclose a copy of the Meteorological Return which the Governments of the Punjab, North-Western Provinces, and Central Provinces have adopted at my recommendation.

2. The local Government Establishments are employed on its preparation, and it is published weekly in the local Government Gazettes.

3. In this Return the rain-fall is given each day, and the other phenomena of the seasons are represented by the letters H. hail storm, D. dust storm, T. thunder storm, S. snow, F. frost, E. earthquake, &c. The rain-fall accompanying any of the storms is placed by the letter indicating the character of the storm; and when the storm is *heavy*, the letter H. is prefixed, or added, to the other letter.

4. I am endeavouring to have this return adopted over all India, as a basis for extended Meteorological observations *confined to the phenomena of the seasons*, which are altogether neglected.

5. Scientific observations with the aid of instruments constitute a different department. What I propose does not clash with, or supersede scientific observations. It is, on the contrary, auxiliary to them. The agency which will be

employed on the preparation of my return, wherever adopted, is so well distributed over the surface to be registered, that it leaves nothing to desire. The information to be compiled is most valuable to the Meteorological enquirers, and may adapt itself to some hypothesis, or submit to some analysis, where instrumental registrations have proved refractory.

6. May I beg the favor of your placing this letter, and its accompaniment, before His Excellency the Governor. I earnestly hope that His Excellency will adopt my recommendations.

Referred to the Board of Revenue and Government Astronomer, for their observations.

23*rd August* 1866. (Signed) J. D. SIM,
Secretary to Government.

Government Order, 21st November 1866, No. 3,183.

ABSTRACT.—Communicating a letter from the Government of India, forwarding copy of a correspondence with Mr. A. P. Webb, on the subject of a scheme proposed by him for collecting and registering Meteorological information.

---

1. The Board see no difficulty in the way of adopting the form of return of rain-fall proposed by Mr. Webb, in lieu of that now existing, if approved by the Government Astronomer; but they incline to doubt whether much will be gained by the change.

2. As regards the further proposal contained in the correspondence communicated with the Government Order of 21st November, the Board do not consider that the Head Clerks in Collectors' Offices could usefully be entrusted with the proposed duty; but if the Government Astronomer approves the proposed form for a daily register, the Board doubt not that the Deputy Collectors in charge of the Treasuries would readily undertake to fill it up.

3. At the same time, the Board doubt whether this is the best course to be adopted for attaining the end in view. They believe that inaccurate weather returns are worse than none, and that incomplete ones are of little value.

4. They are under the impression that the Medical Officers at all head quarter stations were some years back supplied with a superior set of Meteorological instruments, and they are disposed to think that far more valuable results could be obtained by requiring these gentlemen to maintain a daily register of observations in the approved form, with such additions as the instruments in their charge would enable them to supply.

5. It is probable that some register of the kind is already maintained.

(True Copy.)

(Signed) J. GROSE,
Under Secretary to Government.

Exd. S. T. Augustin.

REVENUE DEPARTMENT.
FORT SAINT GEORGE,
14th January 1867.

No. 202.

No. 102.

To

THE SECRETARY TO THE GOVERNMENT OF INDIA,
HOME DEPARTMENT.

SIR,

Miscellaneous.

1. I am directed to acknowledge the receipt of your Under Secretary's letter, dated 23rd October last, No. 5,705, regarding Mr. A. P. Webb's scheme of collecting and registering Meteorological information.

2. Mr. Webb addressed this Government on the subject on the 7th August last, and his communication was sent to the Government Astronomer and the Board of Revenue for their observations.

3. Mr. Pogson, it will be seen, disapproves of Mr. Webb's proposals, and the Government concur in his views, that the adoption of them would not be advantageous so far as this Presidency is concerned.

4. This Government has recently proposed to the Supreme Government a scheme for procuring more reliable and complete Meteorological Statistics in this Presidency, which they feel satisfied will prove effective and sufficient for every useful purpose. These statistics will, of course, be periodically published for general information.

I have the honor to be,
Sir,
Your most obedient servant,

(Signed) J. D. SIM,
Secretary to Government.

Exd. S. T. Augustin.

Madras Observatory — September 4th. 1866 —

From

The Government Astronomer

To

J. D Sims Esqr. —
Secretary to Government
Fort St George. —

Sir,

Herewith I have the honor to return the letter from A P Webb Esqr. of Meerutt, dated 9th August, 1866, addressed to the Secretary to the Government of Madras, proposing the detailed publication, in daily form, in the Fort St George Gazette, of the Revenue Board Rain Returns; — also a copy of the Supplement to the Punjab Government Gazette, dated Lahore, 19th April, 1866, in which similar returns for the Districts of the Punjab & Central Provinces are printed agreeably to Mr. Webb's suggestions. —

My own Report upon the Revenue Board Rain Returns of this Presidency being now under consideration of Government, and my views in regard to the importance of the subject, the treatment of the past and improvement of the future Rain returns, the construction of a Presidency Rain Map, and the most useful form of publication of the current results, having all been fully expressed therein; I have only to add, in reference to Mr. Webb's scheme, that I regard the preparation for press of such extended details as he desires as a very needless addition to the labors of any Department, and their printing as a mere waste of public money and a most useless addition to the bulk of the Government Gazette. —

I have the honor to be
Sir
Your most obedient Servant
M R Pogson. —
Government Astronomer. —

SUPPLEMENT

TO THE

PUNJAB GOVERNMENT GAZETTE.

LAHORE, 19TH APRIL, 1866.

REPORT OF RAIN-FALL FOR THE WEEK ENDING 1ST APRIL, 1866.

District.	Rain-Gauge Stations.	Fall of Rain on each day of the week. March and April. 26	27	28	29	30	31	1st	Total.	Total fall from 1st May, 1865.	State of crops.	Price of Atta, 1st sort. Seers per Rupee.
Dehli, ...	Dehli,† ...	...	...	...	...	...	...	T.	...	29·1	Favorable.	15
	Larsouli,† ...	...	...	...	...	...	...	T.	...	28·3		15½
	Ballabgarh,†	...	...	...	...	...	...	T.	...	24·		16
Gurgaon,	Gurgaon,* ...	...	...	...	...	...	...	...	...	29·2	Favorable.	15
	Riwari,* ...	...	...	...	...	...	...	...	...	26·9		15
	Palwal,* ...	...	...	...	...	...	...	...	...	17·7		16
	Núh,* ...	...	...	...	...	...	...	...	...	15·9		16
	Ferozepore,*	...	...	...	...	...	...	...	...	16·		17
Kurnaul,	Kurnaul,* ...	...	...	...	...	...	...	...	...	26·9	Favorable.	15½
	Gharounda,†	...	...	...	...	...	...	...	...	31·6		15
	Panipat,† ...	...	...	...	...	...	...	...	...	24·7		15½
	Kythal,† ...	...	...	...	...	...	...	...	...	17·8		14
	Gulab,† ...	...	...	...	...	...	...	...	...	26·1		14
Hissar, ...	Hissar,† ...	...	...	...	...	...	...	...	...	28·3	Favorable.	12
	Hansi,† ...	...	...	...	...	...	...	...	...	20·9		14
	Bhowani,† ...	...	...	...	...	...	...	...	...	18·1		14
	Burnala,† ...	...	...	...	...	...	...	...	...	20·6		14½
	Fattiabad,†	...	...	...	...	...	...	...	...	17·1		14
Rhotuk, ...	Rhotuk,* ...	...	...	...	...	...	...	...	...	19·	Favorable.	14½
	Gubána,* ...	...	...	...	...	...	...	...	...	20·		14
	Simpla,* ...	...	...	...	...	...	...	...	...	13·4		18
	Jhajjar,* ...	...	...	...	...	...	...	...	...	12·5		16
Sirsa, ...	Sirsa,† ...	...	...	...	...	...	...	...	...	18·	Favorable.	11
	Sábuwala,†	...	...	...	...	...	...	...	...	19·93		12
	Fazilka,† ...	...	...	...	...	...	...	...	...	15·79		13
Amballa, ...	Amballa,*	...	...	...	...	...	...	...	...	56·4	Favorable.	14
	Pipli,† ...	...	...	...	...	...	...	...	...	18·5		
	Jagadri,† ...	...	...	...	...	...	...	...	...	30·7		
	Rúpar,† ...	...	...	...	...	...	...	...	...	32·9		
	Khain,† ...	...	...	...	...	...	...	...	...	31·8		
	Naraingadh,†	...	...	...	...	...	...	...	...	36·1		
Loodianah,	Loodianah,†	...	...	...	...	...	...	...	...	8·25	Favorable.	14
	Samrala,† ...	...	...	...	...	...	...	...	...	5·15		
	Jugraun,† ...	...	...	...	...	...	...	...	...	6·25		

District.	Rain Gauge. Stations.	Fall of Rain on each day of the week. March and April. 26	27	28	29	30	31	1st	Total.	Total fall from 1st May, 1865.	State of crops.	Price of Atta, 1st sort. Seers per Rupee.
Simla, ...	Simla.* ...	...	...	...	...	...	...	...	...	59·55		10
	Kotgadh,† ...	...	...	...	...	...	·8	...	·8	30·03		8
	Burrowli,† ...	...	...	...	...	...	...	...	...	51·54	Favorable.	12
	Kotkhai,† ...	...	...	...	...	·23	...	...	·23	52·15		8
	Kussowlie,†	...	...	...	...	...	...	...	...	59·58		16
Jullundhur,	Jullundhur,†	...	...	...	...	...	...	...	...	24·8		16
	Phillore,† ...	...	...	...	...	...	...	D.	...	19·75	Favorable.	18
	Nawashahar,†	...	...	...	...	...	...	...	...	22·7		22
	Nakodar,† ...	...	...	...	...	...	...	...	...	17·4		20
Hoshiarpore.	Hoshiarpore,†	...	...	...	...	...	...	...	...	35·58		16½
	Dussuah,† ...	...	...	...	...	...	...	...	...	32·16	Favorable.	16
	Gurshankar,†	...	...	...	...	...	...	D.	...	32·83		16
	Unah,† ...	...	...	...	...	...	...	...	...	39·15		15
Kangra, ...	Dhurmsalla,*	...	...	...	...	...	...	...	...	98·2		12
	Nürpur,* ...	...	...	...	...	...	...	...	...	82·5		13
	Kangra,* ...	...	...	...	...	...	...	...	...	53·4	Favorable.	12
	Nadoun,* ...	...	...	...	...	...	...	...	...	49·4		12
	Haripur,* ...	...	...	...	...	...	...	...	...	62·0		12½
	Kulu,* ...	...	...	...	...	·1	...	...	·1	49·5		15
Amritsur,	Amritsur,*	...	...	...	...	...	...	...	...	23·58		
	Do. Tuhseel,*	...	...	...	...	...	...	...	...	28·03		
	Taran Taran,* ...	...	...	...	...	...	...	...	...	18·18	Favorable.	13½
	Ajnala,* ...	...	...	...	...	...	...	...	...	21·51		
	Raya,* ...	...	...	...	...	...	...	...	...	36·78		
Goordaspore,	Goordaspore,†	...	...	...	...	...	...	T.	...	23·8		17
	Batala,† ...	...	...	...	...	...	...	...	...	21·9	Very	16
	Pathankote,†	...	...	...	...	...	...	...	...	31·0	Favorable.	16
	Shakargadh,†	...	...	...	...	...	...	...	...	28·9		18
Syalkot, ...	Syalkot,* ...	...	...	...	...	...	...	T. D. S.	...	23·8		16
	Daska,* ...	...	...	...	...	...	...	...	...	19·8	Very	16
	Pusrur,* ...	...	...	...	...	...	...	...	...	32·8	Favorable.	14½
	Zafarwal,*...	...	...	...	...	...	...	T.	...	24·6		17
Lahore, ...	Lahore,* ...	...	...	...	...	...	...	...	...	18·8		
	Chunian,† ...	...	...	...	...	...	...	...	...	22·1		
	Sharakpore,†	...	...	...	...	...	...	...	...	17·2	Favorable.	14½
	Kasoor,† ...	...	...	...	...	...	...	...	...	16·1		
Gujeranwala	Gujeranwala,*	...	...	...	...	...	...	...	...	21·88		16
	Wuzeerabad,†	...	...	...	...	...	...	...	...	20·76	Favorable.	17
	Hafizabad,†	...	...	...	...	...	...	...	...	22·49		16
Ferozepore,	Ferozepore,*	...	...	...	...	...	...	...	...	8·4		13½
	Mogah,† ...	...	...	...	...	...	...	...	...	6·4		15½
	Zeerah,† ...	...	...	...	...	...	...	...	...	3·5	Favorable.	15
	Muktsar,†	...	...	...	...	...	...	...	...	2·4		14½
Rawul Pindi,	Rawul Pindi,†	...	...	...	...	...	...	...	...	25·07		
	Pindi Gheb,†	...	...	...	...	...	...	...	...	19·97	Favorable.	21
	Murree,† ...	...	...	...	...	...	...	...	...	36·18		17
Jhelum, ...	Jhelum,† ...	...	...	...	...	...	...	D.	...	·47	Very	21
	Chakowal,†	...	...	...	...	...	...	...	...	11·8	Favorable.	22

District.	Rain Gauge. Stations.	Fall of Rain on each day of the week. March and April. 26	27	28	29	30	31	1st	Total.	Total fall from 1st May, 1865.	State of crops.	Price of Atta, 1st sort. Seers per Rupee.
Gujerat, ...	Gujerat,† ...	...	...	...	...	...	...	D.	...	25·		18
	Khurian,† ...	...	...	...	...	...	...	D.	...	82·	Favorable.	18
	Phalian,† ...	...	...	...	...	...	...	D.	...	18·7		18
Shahpore,	Shahpore,†	...	...	...	...	...	...	...	...	11·25		15½
	Bhera,† ...	...	...	...	...	...	D.	D.	...	22·73	Very Do.	17
	Khushab,† ...	...	...	...	...	...	...	...	...	18·15		17
Multan, ...	Multan,* ...	...	...	...	...	...	...	...	...	2·15		10½
	Shujabad,†	...	...	...	...	...	...	...	...	3·17		11
	Mylsi,† ...	...	...	...	...	...	...	...	...	3·87	Favorable.	11
	Lodhran,† ...	...	...	...	...	...	...	...	...	2·32		11½
	Serai Sidhú,†	...	...	...	...	...	...	...	...	2·15		11½
Jhung, ...	Jhung,† ...	...	...	...	...	...	...	...	...	11·70		
	Chiniote,† ...	...	...	...	...	...	...	...	...	10·20	Favorable.	13
	Shorkote,† ...	...	...	...	...	...	...	...	...	3·30		
Montgomery,	Montgomery,*	...	...	...	...	...	...	...	...	6·		
	Gugera,† ...	...	...	...	...	...	...	...	...	6·	Favorable.	14
	Hujra,† ...	...	...	...	...	...	...	...	...	11·21		
	Pak Pattan,†	...	...	...	...	...	...	...	...	13·91		
Mozuffurgurh,	Mozuffurgurh,†	...	...	...	...	...	...	...	...	2·1	Favorable.	11
	Sitpur,† ...	...	...	...	...	...	...	...	...	...		14
	Kote Udu,†	...	...	...	...	...	...	...	...	1·3		12
D. I. Khan,	D. I. Khan,*	...	...	...	...	...	T.	...	...	5·98		14½
	Kulachi,† ...	...	...	...	...	D.	D.	D.	...	1·90		13½
	Bakkar,† ...	D. H.	...	...	...	...	D. H.	H. D.	...	2·11	Favorable.	16
	Lea,† ...	...	...	...	...	...	...	H. D.	...	2·39		14
D. G. Khan.	D. G. Khan,*	...	...	...	...	...	...	...	...	3·6		12
	Sanghar,† ...	...	...	...	...	...	...	...	...	9·7	Favorable.	12
	Rajanpore,†	...	...	...	...	...	...	...	...	4·1		13½
Bunnoo, ...	Bunnoo,* ...	...	...	...	...	...	...	...	...	12·8		12
	Lakki,† ...	...	...	...	...	...	...	...	...	8·6	Favorable.	13
	Esa Khail,†	...	...	...	...	...	...	...	...	3·		13
	Cutchee,† ...	...	...	...	...	...	...	...	...	4·		13½
Peshawar,	Peshawar,†	...	...	...	...	...	...	...	...	7·5		
	Khalsa Khattak,†	...	...	...	...	...	...	...	...	12·3		
	Daudzai,† ...	...	...	...	...	...	...	...	...	13·6	Favorable.	10
	Dutha,† ...	...	...	...	...	...	...	...	...	5·4		
	Hashtnagar,†	...	...	...	...	...	...	...	...	10·2		
	Euzufzai,† ...	...	...	...	...	...	...	...	...	4·7		
Hazara, ...	Abbottabad,†	...	...	...	...	...	...	...	...	40·80		20
	Harripore,†	...	...	...	...	...	...	...	...	39·67	Favorable.	22
	Manserah,†	...	...	...	...	...	...	...	...	32·21		22
Kohat, ...	Kohat,† ...	...	...	...	...	...	...	...	...	11·52	Favorable.	15

* Dyas' Self-Registering Gauge.
† Old Gauge.
F. Frost.
T. Thunder.
H. Hailstorm.
D. Duststorm.

*** Jhelum District, in Return for 25th March, for ·7 read 1·7 and for 46· read 47·
At Lea, D. I. Khan District, in do. do., for ·6 read ·06 and for 2·93 read 2·39.

The following revised Returns to be substituted for those already published.

District.	Rain Gauge Stations.	Fall of Rain on each day of the week. March. 5	6	7	8	9	10	11	Total.	Total fall from 1st May, 1865.	State of crops.	Price of Atta, 1st sort. Seers per Rupee.
Hazara, ...	Abbotabad,†	...	·30	...	...	·20	...	...	·50	37·	Favorable.	21
	Hurripore,†	·84	...	...	·42	...	...	...	1·26	36·33		24
	Manserah† ...	...	...	...	...	1·10	...	...	1·10	25·17		22½
D. I. Khan,	Kulachí,† ...	·07	...	...	...	...	...	...	·07	1·73	Favorable.	14½
		12	13	14	15	16	17	18				
Hazara, ...	Abbottabad,†	...	...	·90	...	...	...	...	·90	37·90	Favorable.	20
	Hurripore,†	...	·42	·94	...	...	...	...	1·36	37·69		22
	Manserah,†...	...	1·10	...	...	...	1·82	...	2·92	28·09		24
D. I. Khan,	Kulachí,† ...	...	...	...	...	...	...	...	...	1·73	Favorable.	14½
		19	20	21	22	23	24	25				
Hazara, ...	Abbottabad,†	1.	·90	1.	...	...	...	...	2·90	40·80	Favorable.	20
	Hurripore,†	.42	·84	·72	...	...	...	...	1·98	39 67		22½
	Mansoreh,†	·70	·52	2·90	...	...	...	...	4·12	82·21		24
D. I. Khan,	Kulachí,† ...	·10	·07	...	D. T.	D.	D.	D.	·17	1·90	Favorable.	12

The following Return was received too late for insertion in the Supplement of 12th April, 1866.

District.	Rain Gauge Stations.	19	20	21	22	23	24	25	Total.	Total fall from 1st May, 1865.	State of crops.	Price of Atta, 1st sort. Seers per Rupee.
Goordaspore	Goordaspore,†	...	...	...	...	...	...	...	...	23·8	Very Favorable.	17
	Batala,†	...	...	...	...	...	...	...	...	24·9		16
	Pathankote,†	...	...	...	...	...	...	.2	.2	31·		16
	Shakargadh,†	...	...	...	...	...	...	...	...	28·9		18

Rec'd 23rd Oct. 1866

Rec'd 24th Oct. 1866

Revenue Department

No. 102.

To

The Secretary to Government of India.

Home Department.

Sir,

I am directed to acknowledge the receipt of your Under Secretary's letter dated 23rd October last No. 5705 regarding Mr. A. P. Webb's scheme of collecting and registering Meteorological information.

2. Mr. Webb addressed this Government on the subject on the 7th August last and his communication was sent to the Government Astronomer and the Board of Revenue for their observations

Mr.

3. Mr. Pogson it will be seen disapproves of Mr. Webb's proposals and the Govt. concurs in his views - that the adoption of them would not be advantageous so far as this Presidency is concerned.

4. This Government has recently proposed to the Supreme Government a scheme for procuring more reliable and complete Meteorological statistics in this Presidency which they feel satisfied will prove effective and sufficient for every useful purpose - These statistics will of course, be periodically published for general information -

J. F. S.

Revenue 1867 Despatch
Pro Govt for January

A. 102

To
The Secy to the Govt
of India Home Dept
Dy 10th January 1867

A. 202

200 to 202