

METEOROLOGICAL OBSERVATIONS.

FROM THE 1ST TO THE 15TH AUGUST, 1877, INCLUSIVE.

Recorded daily at Hobart Town, Tasmania, at 10h. 33m. p.m., simultaneously with registration made at 7h. 35m. a.m., at Washington, United States, in pursuance of a proposition of the late Vienna Congress, for a system of International Synchronous Observations.

Private Observatory, Hobart Town.

Lat. 42° 52' 13" S.

Long. 9h. 49m. 29·2s. E.

(Registered for the Royal Society, Tasmania.)

Day of Month.	Barometer corrected for Index Error and to Mean Sea Level.		Thermometers			Wind.		Cloud.		Rain in 24 hours.	Weather.
	Fahrenheit.	Centigrade.	Relative Humidity.	Direction from	Force in lbs. per square foot.	Amount.	Character.				
1	29·825	49·0	9·5	88	S	·25	7·0	K N	In.		Sky thick and hazy
2	29·710	57·0	14·0	88	NW	·52	8·5	K N	·03		Cloudy, stars faint
3	29·030	46·0	8·0	79	N E	·52	4·5	K	·05		Starlight
4	29·535	43·0	6·0	100	—	·26	10·0	N			Continues rain
5	30·010	43·0	6·5	86	NW	·52	4·0	K	·95		Starlight
6	29·840	44·0	6·5	86	NW	15·62	6·0	K N	·20		Strong wind all day
7	30·240	39·5	4·0	86	—	·26	7·0	K	·06		Few stars in the zenith
8	29·610	53·5	12·0	58	N	·52	5·0	K			Stars in the zenith
9	29·810	50·0	10·0	88	N	2·60	7·0	K	·45		Few stars in the zenith
10	29·510	43·0	6·0	87	NW	52·0	5·0	K	·02		Stars in the zenith
11	29·710	52·0	11·0	81	NW	·52	7·0	K N	·27		Faint stars in ditto
12	29·840	50·0	10·0	88	W	·26	10·0	K N			Wind & rain alternate
13	29·735	50·0	10·0	84	NW	·52	7·0	K	·38		Stars in the zenith
14	29·610	44·5	7·0	87	NW	·52	8·5	K			Heavy clouds
15	29,710	43·5	6·5	85	NW	·26	7·0	K	·34		Star and clouds

FRANCIS ABBOTT, F.R.A.S., etc., Observer.

N.B.—The time of registration at Hobart Town, 10h. 33m. p.m., being after dark, renders it impossible to make the wind and cloud records more than approximately correct. The rainfall is measured at 7h. 30m. a.m. local time.

Force and speed of the N. W. wind on the 6th August:—

Force from 16 to 20 lbs. per square foot.

Speed from 56·568 to 63·245 miles per hour.