

METEOROLOGICAL OBSERVATIONS.

FROM THE 15TH TO THE 31ST 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 Temperature, Index Error, and to Mean Sea Level				Thermometers		Wind.		Cloud.		Weather.	
	Fahrenheit.		Centigrade.		Relative Humidity.		Direction from		Amount.			
							Force in lbs. per square foot.		Character.	Rain in 24 hours.		
16	30.220	39.5	4.5	93	—	0	0	0	0	0	.20	Moon and starlight.
17	30.140	45.5	7.0	86	—	0	0	0	0	0	.0	Calm, moon and stars
18	29.925	49.5	9.5	87	—	0	10.0	K	0	0	.0	Cloudy, sky covered
19	29.810	45.0	7.0	87	W	.25	K 5	K	0.05	0.05	.05	Moon, stars, and clouds
20	30.030	42.0	5.5	93	W	.52	7.0	K	0.02	0.02	.02	Moon and cloud
21	30.210	40.0	4.5	86	SE	.26	0	0	0	0	.0	Moon and starlight
22	29.825	45.0	7.0	87	NW	.52	10.0	K S	0.01	0.01	.01	Cloudy, sky covered.
23	29.420	48.0	9.0	87	NW	.52	0	0	.80	.80	.80	Moon and starlight
24	29.520	47.0	8.0	81	—	0	9.0	K	.10	.10	.10	Moon and cloud
25	29.625	46.0	8.0	81	NW	.52	7.0	K	.05	.05	.05	Moonlight
26	29.710	43.5	6.5	87	NW	.26	7.5	KN	.01	.01	.01	Small rain
27	30.140	48.0	6.0	80	—	0	5.5	K	.06	.06	.06	Moon and stars
28	30.335	44.5	6.5	81	—	0	5.0	K	.01	.01	.01	Starlight
29	30.410	44.0	6.5	86	—	0	9.0	N	.0	.0	.0	Rain
30	30.240	47.0	4.5	81	—	0	0	0	.02	.02	.02	Starlight, brilliant
31	29.835	48.0	9.0	86	—	0	10.0	N	.0	.0	.0	Calm and cloudy

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.

In all tables furnished from this Observatory the barometer readings are corrected for temperature, index error, and to mean sea level.

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.