

METEOROLOGICAL OBSERVATIONS.

FROM THE 16TH TO THE 30TH SEPT., 1877, INCLUSIVE.

Recorded daily at Hobart Town, Tasmania, at 10h. 33m. p.m., simultaneously with registration made at 7h. 55m. 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		Relative Humidity.	Wind.	Cloud.		Rain in 24 hours.	Weather.
		Fahrenheit.	Centigrade.			Direction from Force in lbs. per square foot.	Amount.		
				%					
16	30.310	45.5	7.5	81	0	0	0	0	Moon & starlight, not a cloud.
17	30.040	49.0	9.5	81	0	0	10.0	K N	0 Cloudy, sky covered
18	29.910	52.0	11.0	82	0	0	7.0	K	0 Moonlight, faint
19	29.945	52.5	11.5	77	0	0	4.5	K	0 Moonlight and haze
20	29.725	53.5	12.0	83	0	0	6.0	K	0 Moon and cloud after rain
21	29.978	52.5	11.5	88	SW	26	10.0	K N	25 Cloud, sky covered
22	30.210	49.5	9.5	87	S	52	10.0	N	0 Cloud and rain
23	30.235	52.0	11.0	64	S	0	10.0	N	10 Cloudy, sky covered
24	30.240	52.0	11.5	52	0	0	10.0	K N	04 Ditto, ditto, ditto
25	30.340	52.5	11.5	83	0	0	10.0	K N	01 Ditto, ditto, ditto
26	30.410	47.5	8.5	88	0	0	0	0	0 Calm and starlight
27	30.110	53.0	12.0	94	0	0	10.0	N	0 Nimbus sky covered
28	30.020	49.0	9.5	76	S	52	3.5	K	0 Starlight to the zenith
29	29.845	53.0	11.5	83	S	26	4.0	K N	0 Alternate star & cloud
30	29.840	53.0	11.5	88	S	26	10.0	N	0 Cloudy, sky covered.

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.