

METEOROLOGICAL OBSERVATIONS.

FROM THE 1ST TO THE 15TH SEPT., 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		Relative Humidity.	Wind.		Cloud.		Rain in 24 hours.	Weather.
		Fahrenheit.	Centigrade.		Direction from Force in lbs. per square foot.	Amount.	Character.			
				%					In.	
1	29.630	49.0	9.5	81	NW	.52	4.5	K	.0	Stars in the zenith
2	29.420	48.0	9.0	88	.0	.0	7.0	N	.0	Showery and cloudy
3	29.834	50.0	10.0	76	NW	.26	10.0	K N	.09	Cloud, sky covered
4	29.840	55.0	13.0	82	NW	.0	10.0	K N	.01	Ditto, ditto, ditto
5	29.840	50.0	10.0	82	NW	.26	5.5	K	.0	Stars in the zenith
6	29.845	53.0	11.5	82	NW	.52	8.5	K	.04	Cloudy
7	30.110	52.5	11.5	82	W	.0	10.0	K N	.0	Cloudy, sky covered.
8	29.945	53.0	12.0	80	NW	.0	5.5	K	.0	Stars in the zenith
9	30.610	46.0	7.5	81	S	.0	10.0	N	.04	Cloud, sky covered
10	30.510	41.0	5.5	86	SE	.26	5.0	K	.05	Stars round the zenith
11	30.375	44.5	7.5	71	.0	.0	.0	.0	.0	Calm and starlight
12	29.925	50.0	10.0	87	S	.26	10.0	K N	.0	Cloud, sky covered
13	30.110	38.0	3.5	86	S	.26	.0	.0	.0	Frost after squal
14	30.225	48.5	9.5	57	SW	.26	7.5	K	.20	Moon and starlight
15	30.210	47.0	8.5	81	NW	.26	3.5	K	.01	Moon and starlight

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.