

METEOROLOGICAL OBSERVATIONS.

FROM THE 1ST TO THE 15TH JAN., 1878, 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 Temp. 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	30.000	60.0	15.5	88	S	.26	10.0	N	.17	Cloudy, sky covered	
2	30.260	53.0	14.5	82	SE	.26	.0	.0		Starlight	
3	30.365	61.5	16.5	88	S	.52	10.0	N		Cloud, sky covered	
4	30.270	53.5	12.0	71	SE	.52	.0	.0		Starlight	
5	30.115	60.0	15.5	71	SW	.25	10.0	N		Cloud, sky covered	
6	30.240	60.0	15.5	82	SE	.52	.0	.0		Starlight	
7	30.085	61.0	16.0	77	SE	.52	5.5	K	.0	Stars faint	
8	30.000	63.0	17.5	88	SE	.26	4.0	K		Stars and cloud	
9	29.660	72.5	22.5	73	SE	.26	2.5	K		Sky cloudy	
10	29.920	64.0	18.0	88	SE	.26	10.0	K		Cloud, sky covered	
11	30.100	60.0	15.5	77	SE	.52	.0	.0	.05	Moon and starlight	
12	30.025	61.5	16.5	88	S	.25	5.5	K		Cloud and stars	
13	29.920	66.0	18.5	78	SE	.52	4.5	K		Moon, star, and cloud	
14	29.645	69.0	20.5	69	NW	5.21	5.5	K		Wind strong	
15	29.765	63.0	12.0	60	W	2.60	7.0	K		Wind and squal	

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.