

## METEOROLOGICAL OBSERVATIONS.

FROM THE 1ST TO THE 15TH OCT., 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 Temp. 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.		
1	29.980	43.0	6.0	81	SW	.52	7.5	N	.0	Squally throughout	
2	30.420	48.0	9.0	76	SE	.26	10.0	N	.17	Cloud, sky covered	
3	30.500	53.0	12.0	82	0	—0	10.0	N	.0	Cloud, sky covered	
4	30.265	51.5	10.5	88	SW	.0	7.0	K	.0	Stars in the zenith	
5	30.120	52.5	11.5	88	—0	.0	5.0	K	.0	Stars at the zenith	
6	30.240	51.0	10.5	88	—0	.0	10.0	N	.0	Cloud, sky covered	
7	30.320	46.0	7.5	81	SE	.26	.0	0	.0	Starlight	
8	30.150	50.0	10.0	87	S	.26	10.0	N	.0	Cloud, sky covered.	
9	30.320	47.0	8.5	87	S	.26	10.0	N	.02	Dark and rainy	
10	30.440	50.0	10.0	81	SE	.26	10.0	KN	.10	Cloudy, sky covered	
11	30.240	49.0	9.5	82	S	.0	.0	0	.01	Moon & starlight	
12	30.045	55.0	13.0	49	NE	.52	.0	0	.0	Ditto, ditto	
13	29.540	65.5	18.5	78	NW	.52	10.0	KN	.0	Cloudy, sky covered	
14	29.345	44.0	7.0	81	NW	2.60	10.0	N	.40	Squally, rain and wind	
15	29.745	45.0	7.5	81	S	.52	6.5	K	.25	Stars to the zenith	

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.