

# METEOROLOGICAL OBSERVATIONS.

FROM OCTOBER 16 TO OCTOBER 31, 1878.

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.		
16	29.720	51.0	16.5	81	W	.52	10	KN	.25	Cloud, sky covered	
17	29.640	50.0	10.0	76	NW	.52	5	K	.02	Starlight	
18	29.965	50.0	10.0	77	N	.52	7	K	.05	Faint Starlight	
19	29.920	55.0	13.0	82	NW	.52	5	K	.04	Do. do.	
20	29.640	57.0	13.5	78	N	.0	10	N	.01	Cloud, sky covered	
21	29.878	53.0	12.0	82	NW	.26	4	K	.03	Starlight	
22	29.720	51.0	16.0	88	NW	.26	10	N	.01	Cloud, sky covered	
23	29.520	52.0	11.0	77	W	.26	0	.0	.05	Starlight	
24	29.620	48.0	9.0	82	SW	.52	0	.0	.15	Faint Starlight	
25	29.765	46.0	8.0	75	SW	.26	0	.0	.00	Starlight	
26	30.120	42.0	5.5	87	SE	.52	0	.0	.03	Faint Starlight	
27	29.940	40.0	9.0	76	S	.52	5	K	.01	Do. do.	
28	29.470	57.0	14.0	88	NW	.26	9	KN	.01	Sky cloudy	
29	29.620	55.0	13.0	83	SW	.26	0	.0	.05	Starlight	
30	29.525	55.0	13.0	73	NW	.52	5	K		Moon, Star, and cloud	
31	30.125	54.0	12.5	77	S	.52	10	KN	.03	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.