

METEOROLOGICAL OBSERVATIONS.

FROM THE 16TH TO THE 31ST 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.		
16	29.955	53.0	11.5	63	SW	2.60	7.0	K	.01	Moon, star, and cloud	
17	29.745	62.5	17.0	82	0	0	10.0	KN		Cloudy, sky covered	
18	29.645	64.0	18.0	72	SW	2.60	5.0	K		Moon and cloud	
19	29.655	59.0	15.0	77	W	52.0	10.0	K		Large massive clouds	
20	30.220	53.5	12.0	81	SE	.52	10.0	KN		Cloud, sky covered	
21	30.269	59.0	15.0	82	SE	.52	10.0	K	.02	Cloud, sky covered	
22	30.045	61.0	16.0	88	SW	.52	9.0	K		Sky cloudy	
23	30.240	58.0	14.5	82	SE	.52	4.0	K		Star and cloud sky	
24	30.350	59.5	15.5	82	S	.52	10.0	KN		Cloud, sky covered	
25	30.160	61.5	16.5	82	S	.52	5.0	K		Cloud and stars	
26	29.960	65.0	18.5	83	SE	.26	10.0	KN		Very dark	
27	30.020	62.0	17.0	71	S	.52	10.0	KN		Very dark	
28	30.265	58.5	14.5	71	S	.52	4.5	K		Stars faint	
29	30.120	61.5	16.5	82	SW	.26	4.0	K		Faint star-light	
30	29.920	72.0	22.0	88	NW	.52	5.0	K		Star and cloud	
31	29.860	72.5	22.5	83	SE	.0	7.0	K		Stars in 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.