

## METEOROLOGICAL OBSERVATIONS.

FROM THE 16TH TO THE 31ST 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			Wind.		Cloud.		In. in 24 hours.	Weather.
			Fahrenheit.	Centigrade.	Relative Humidity.	Direction from	Force in lbs. per square foot.	Amount.	Character.		
16	29·995	48·0	9·0	81	SW	·26	5·0	K	·01	Moon & starlight	
17	29·320	54·5	12·5	88	N	·52	4·5	K	·0	Ditto, ditto	
18	29·760	52·0	11·0	77	·0	·0	·0	·0	·10	Calm and starlight	
19	29·760	55·5	13·0	77	NW	·0	10·0	K	·01	Calm and cloudy	
20	30·075	44·5	7·0	80	S	·26	5·0	K	·13	Moon, cloud and star	
21	30·340	45·0	7·0	86	SW	·52	7·0	K	·18	Moon and cloud, hazy	
22	30·310	49·0	9·5	87	NW	·26	·0	·0	·21	Clear moon & starlight	
23	30·260	52·0	11·0	88	W	·26	10·0	K	·01	Sky cloudy	
24	29·770	61·5	16·5	67	NW	·52	7·5	K	·0	Moon and star	
25	30·115	46·5	8·0	81	·0	·0	·0	·0	·0	Starlight	
26	29·620	51·5	10·5	82	·0	·0	·0	·0	·0	Starlight	
27	29·510	57·0	14·0	77	NW	·52	10·0	KN	·03	Dark black clouds	
28	29·280	51·5	10·5	94	NW	·26	10·0	N	·0	Dark and raining	
29	29·175	46·5	7·0	83	NW	·52	4·0	K	·09	Stars and cloudy	
30	29·460	45·0	8·0	87	NW	·52	7·5	N	·08	Dark and squally	
31	29·460	56·5	13·5	77	N	·52	10·0	N	·0	Cloud, 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.