

METEOROLOGICAL OBSERVATIONS.

FROM THE 1ST TO THE 15TH FEB., 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 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		
1	29.625	68.5	20.5	83	NW	.0	3.0	K	.0	Calm, and cloudy
2	30.240	63.0	17.0	82	S	.0	7.5	K	.15	Ditto ditto
3	30.340	65.0	18.0	83	S	.2	10.0	KN	.01	Cloudy sky covered
4	30.310	67.0	19.0	94	S	.0	10.0	N	.0	Ditto ditto ditto
5	30.210	69.0	20.5	88	SE	.0	5.0	KN	.0	Cloudy stars faint
6	30.140	70.5	21.5	94	S	.0	10.0	KN	.0	Ditto sky covered
7	30.045	71.5	21.5	88	NE	.26	4.0	K	.0	Stars in the zenith
8	29.825	77.0	25.0	94	N	.52	4.0	K	.0	Hazy in the horizon
9	29.830	75.0	23.0	79	NE	.0	6.5	K	.0	Ditto ditto and sultry
10	29.910	77.0	25.0	70	SE	.0	.0	.0	.0	Starlight
11	29.710	80.0	26.5	84	NW	.26	8.0	KN	.0	Sultry and cloudy
12	30.000	68.0	20.0	94	SW	.0	10.0	N	.02	Drizzling rain
13	29.900	71.5	21.5	83	—	.0	10.0	N	.02	Cloudy not a star
14	29.845	72.6	21.0	88	S	.0	.0	.0	.0	Starlight
15	29.515	80.0	26.5	75	NW	.26	.0	.0	.0	Stars brilliant

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.