

METEOROLOGICAL OBSERVATIONS.

FROM 1ST TO THE 16TH SEPTEMBER, 1879.

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 lb. per square foot.	Amount.	Character.		
1	29.925	54.0	12.5	76	NW	.0	10	K	.01	Sky cloudy
2	29.545	55.0	13.0	82	NW	.26	10	K	—	Sky cloudy
3	30.148	48.0	9.0	80	SW	.52	6	K	.02	Moonlight
4	30.148	48.0	9.0	80	SW	.52	6	K	.01	Moonlight
5	30.047	49.0	9.5	73	SW	.26	7	K	—	Pale Moonlight
6	29.978	50.0	10.0	75	SE	.26	10	KN	—	Cloudy, very dark
7	29.978	50.0	10.0	84	E	.26	0	O	—	Starlight, brilliant
8	30.078	55.0	13.0	88	SE	.26	10	KN	—	Very dark
9	30.275	52.0	11.0	81	SE	.26	0	O	—	Starlight
10	30.078	48.0	9.0	81	NW	.52	7	K	—	Stars, Cloud and Moon
11	29.785	60.0	15.0	77	NW	.52	10	KN	.12	Wind and Cloud
12	29.748	50.0	10.0	70	NW	.26	5	K	.20	Stars round Zenith
13	29.747	52.0	11.0	81	NW	.26	4	K	.06	Zenith, stars brilliant
14	30.078	50.0	10.0	86	W	.26	10	KN	.01	Dark and cloudy;
15	30.285	48.0	9.0	86	S	.0	0	O	—	Stars brill'nt
16	30.145	45.0	7.5	68	S	.52	0	O	—	Frosty, Stars brilliant, followed by snow storm

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.