

## METEOROLOGICAL OBSERVATIONS.

FROM OCTOBER 1 TO OCTOBER 15, 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.		
1	29.650	52.0	11.0	<sup>p.c</sup> 82	NW	2.60	5	K		Moon and starlight
2	29.920	55.0	13.0	77	N	.0	2	K	.06	Do. do.
3	29.430	57.0	11.5	73	S	.52	10	K		Lightning
4	29.840	51.0	11.0	76	NW	.52	10	KN		Cloud, sky covered
5	29.975	56.0	13.5	77	NW	.25	7	K		Sky hazy
6	29.435	59.0	15.0	78	NW	2.60	7	K		Moon, cloud and wind
7	29.825	52.0	11.0	88	NW	.25	0	.0		Moon and starlight
3	29.465	49.0	9.5	74	NW	.26	6	K		Do. do.
9	29.000	54.0	12.5	82	N	.52	10	K	.01	Sky cloudy
10	28.440	50.0	10.0	82	SE	.52	10	KN	.01	Sky hazy
11	29.340	45.0	7.0	81	NW	.52	7	K	.47	Cloud and haze
12	29.680	50.0	10.0	81	NW	.52	7	K	.02	Moonlight
13	29.420	55.0	13.0	82	N	.0	8	KN	.01	Moon, cloud thunder
14	28.942	49.0	9.0	64	NW	.26	9	KN	.19	Much rain
15	29.420	44.0	6.5	81	SW	2.60	10	KN	.03	Squally all day

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.