

## METEOROLOGICAL OBSERVATIONS.

FROM THE 16TH TO THE 31ST JULY, 1878, 10.30 P.M.

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	29.720	46.0	7.5	86	NW	.26	.10	K	.0	Cloud covered
17	29.770	55.0	10.0	93	NW	.0	.0	.0	.0	Clear moonlight
18	29.520	55.0	10.0	100	W	.0	.10	KN	.8	Cloudy covered
19	29.333	51.0	10.5	86	W	.0	.10	K	.15	Small rain
20	29.450	57.0	11.0	80	NW	.52	.8	N	.01	Cloudy
21	29.520	56.0	10.5	93	NW	.26	.10	N	.4	Do. and rain
22	29.713	45.0	7.0	79	NW	.26	.7	K	.1	Sky cloudy
23	29.730	57.0	11.0	81	N	.26	.9	KN	.0	Cloudy
24	29.520	62.0	13.0	82	NW	.52	.4	K	.3	Stars round zenith
25	29.520	63.0	13.5	82	NW	.26	.3	K	.02	Starlight
26	29.120	55.0	11.0	93	S	.52	.10	N	2in.	Rain all day
27	29.425	55.0	10.0	93	SW	.26	.10	N	.20	Steady rain
28	30.940	45.0	6.0	86	SW	.26	.7	K	.3	Stars in zenith
29	30.145	47.0	7.0	86	S	.52	.6	K	.01	Stars faint
30	30.240	53.0	9.0	86	S	.26	.7	KN	.0	Stars in zenith
31	30.120	55.0	10	81	S	.25	.4	K	.01	Starlight

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.