

METEOROLOGICAL OBSERVATIONS.

FROM 16TH TO THE 31ST DECEMBER, 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.		
				p.c.					In.	
16	29.958	63.0	17.0	77	S	.0	10	KN		Cloud, sky covered
17	29.825	75.0	24.0	66	S	.26	10	KN		Do. do.
18	29.525	54.0	12.0	76	SW	.52	10	N	.01	Cloud and rain
19	29.473	59.0	15.0	82	W	.65	7	K	.26	Moon, stars, and clouds
20	29.500	55.0	13.0	71	SW	2.60	10	K	.04	Do. do.
21	29.545	55.0	13.0	76	W	.26	9	KN	.01	Cloudy
22	29.758	49.0	9.5	86	W	.52	8	K	.07	Squally
23	29.976	53.0	12.0	86	W	.52	10	K	.10	Conglomerate cumula
24	29.923	56.0	13.5	81	SW	.26	10	K	.01	Cloud, sky covered
25	29.748	60.0	15.5	76	S	.0	10	K		Sky cloudy
26	29.495	69.0	20.0	78	S	.0	10	K		Moon cloud-ed
27	29.078	61.0	16.0	82	NW	.52	10	K	.07	Large black cumula
28	29.565	57.0	14.0	70	SW	.52	10	K	.03	Do. do.
29	29.785	67.0	19.0	73	S	.0	7	K	.01	Moonlight
30	29.975	59.0	15.0	83	W	.26	9	K		Clouds and Moon
31	30.045	61.0	16.0	82	S	.26	10	KN	.13	Cld. sky cvd.

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.