

# METEOROLOGICAL OBSERVATIONS.

FROM THE 16TH TO THE 31ST DEC., 1876, 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		Relative Humidity.	Wind.		Cloud.		Rain in 24 hours.	Weather.
		Fahrenheit.	Centigrade.		Direction from	Force in lbs per square foot.	Amount.	Character.		
16	29.810	72.0	22.0	78	W	.26	7.0	N	.0	Stars & black clouds.
17	30.110	68.5	20.5	78	W	.26	6.0	K	.01	Cloud and stars
18	29.945	68.0	20.0	83	S	.52	.0	.0	.0	Starlight
19	29.810	67.0	19.5	94		.26	4.0	K	.0	Stars faint
20	29.720	72.0	22.0	83	NW	.52	4.0	K	.0	Stars and cloud
21	29.600	69.0	20.5	83	W	.52	3.5	K	.0	Starlight
22	29.820	64.0	18.0	85	W	.52	3.0	K	.0	Moon and starlight
23	29.820	68.0	20.0	85	NW	2.60	5.0	K	.01	Moon, stars and cloud
24	29.525	76.0	24.5	84	S	.26	.0	.0	.0	Moon and starlight
25	29.420	74.0	23.0	88	N	.26	8.0	K		Cloudy after thunder
26	29.015	69.5	20.5	94	—	.52	10.0	N	.01	Heavy rain
27	29.310	65.0	18.0	88	N	2.60	8.0	K	1.31	Dark K. clouds
28	29.800	60.0	15.5	93	NW	.26	6.5	KN	.07	Sky hazy
29	30.135	64.0	18.0	94	S	.0	10.0	KN	.08	Cloudy, sky covered
30	30.115	65.0	18.5	94	S	.0	7.0	K	.0	Sky hazy
31	29.730	72.0	22.0	83	S	.0	.0	.0	.0	Moon full and clear

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.