

# METEOROLOGICAL OBSERVATIONS.

FROM THE 1ST TO THE 15TH DEC., 1877, 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 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	29.420	60.0	15.5	72	NW	2.60	.0	.0	.0	Starlight
2	29.860	59.5	15.0	82	NW	.52	10.0	N	.01	Cloud, sky covered
3	29.625	56.5	13.5	82	S	.26	3.5	K	.0	Starlight brilliant
4	29.235	55.0	12.5	71	NW	.52	4.0	K	.0	Starlight
5	29.635	48.5	9.5	80	W	.52	4.0	K	.09	Starlight
6	29.630	62.0	17.0	72	NW	.52	5.0	K	.01	Stars and cloud
7	29.865	62.5	17.0	67	N	.52	7.5	K	.0	Cloudy, a few stars
8	29.720	63.0	17.5	77	.0	.0	10.0	N	.0	Cloud, sky covered
9	30.160	55.0	13.0	66	SW	.52	.0	.0	.01	Starlight brilliant
10	30.140	58.0	14.5	82	NW	.52	3.0	K	.0	Starlight
11	30.165	54.5	12.5	81	NW	.52	2.5	K	.0	Ditto
12	29.265	64.0	18.0	88	.0	.0	10.0	K	.0	Cloudy and calm
13	29.772	66.5	19.5	73	NW	.52	10.0	K	.0	Cloud, sky covered
14	29.260	67.0	19.0	83	NW	.52	10.0	K	.0	Heavy detached R
15	29.320	69.0	20.5	55	NW	2.60	4.0	K	.0	Wind, star, and rain

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.