

METEOROLOGICAL OBSERVATIONS.

FROM THE 1ST TO THE 15TH JAN., 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 Index Error and to Mean Sea Level.	Ther- moneters		Relative Humidity.	Wind.		Cloud.		Rain in 24 hours.	Weather.
		Fahrenheit.	Centigrade.		Direction from	Force in lbs. per square foot.	Amount.	Character.		
1	29.730	68.0	20.0	82	N	.0	4.0	K	.0	Moonlight
2	29.910	63.0	17.0	94	SE	2.60	10.0	N	.40	Cloudy
3	29.830	67.0	19.0	100	—	.0	10.0	N	.05	Dark and raining
4	29.540	71.0	21.5	88	S	.26	7.5	K	.02	Stars faint
5	29.330	70.0	21.0	94	—	.0	10.0	N	0	Cloudy sky covered
6	29.325	66.0	19.0	94	W	2.60	4.0	K	.03	Wind abated
7	29.800	66.5	19.0	94	S	.0	.0	.0	.17	Starlight, brilliant
8	29.740	67.5	19.5	94	NW	.52	4.0	K	.0	Clouds and stars
9	29.800	65.0	18.5	94	S	.0	.0	.0	.0	Starlight, sky covered
10	29.310	69.0	20.5	100	W	2.60	10.0	N	.0	Dark and raining
11	29.510	67.0	19.5	94	W	.52	4.0	K	.12	Starlight
12	29.930	65.0	18.0	94	S	.0	.0	.0	.03	Not a cloud
13	29.740	70.0	21.0	94	S	.26	.0	.0	.01	Starlight, brilliant
14	30.026	69.0	20.5	94	S	.0	.0	.0	.0	Ditto ditto
15	29.700	72.0	22.0	100	S	.0	.0	.0	.0	Calm, and 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.