

METEOROLOGICAL OBSERVATIONS.

FROM THE 1ST TO THE 15TH OCT., 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.		
1	30.125	62.5	17.0	88	—	.0	10.0	N	.05	p.m. and eve, rain
2	29.380	63.0	17.0	94	NW	.26	10.0	KN	.17	Cloudy and humid
3	29.840	64.0	17.5	82	S	.0	10.0	KN	.10	Ditto
4	29.620	65.0	18.0	82	SW	20.83	7.0	K		Wind, storm
5	29.920	62.0	16.5	100	N	.26	10.0	N		Dark, not a star
6	29.535	64.5	17.5	88	N	.26	3.0	K		Starlight
7	30.025	61.5	16.5	88	S	.26	10.0	N	.34	Rain, quite dark
8	30.210	58.0	14.0	87	SW	.26	.0	.0		Starlight, brilliant
9	30.010	59.0	15.0	82	—	.0	10.0	N		Cloudy, sky covered.
10	29.900	63.0	17.5	100	—	.0	10.0	KN		Ditto
11	29.840	66.0	18.5	94	—	.0	10.0	KN	.11	Ditto
12	30.015	61.0	16.0	100	S	5.21	10.0	KN	.02	Rain all day
13	30.135	59.5	15.5	93	S	.26	10.0	KN	.90	Ditto light rain
14	30.135	59.0	15.0	87	SE	.0	10.0	KN	.40	Cloudy, sky covered
15	30.010	59.0	15.0	93	S	.0	10.0	N	.06	Cloudy, with 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.