

## METEOROLOGICAL OBSERVATIONS.

FROM THE 15TH TO THE 31ST MAY, 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.	Thermometers.		Relative Humidity.	Wind.		Cloud.		Rain in 24 hours.	Weather.
		Fahrenheit.	Centigrade.		Direction from	Force in lbs. per square foot.	Amount.	Character.		
16	29.640	63.0	20.0	94	—	52	10.0	N	In.	Steady rain
17	29.425	66.0	18.5	88	—	26	9.0	K N	.30	Dark and cloudy
18	29.311	62.5	17.5	82	—	52	5.5	K	.04	Alternate star and cloud
19	29.140	61.0	17.5	88	N	52	7.5	K N		Ditto ditto
20	29.510	60.0	15.5	81	N	52	5.5	K	.08	Alt. cloud and star
21	29.121	61.0	16.0	87	N	52	3.0	K		Moon, star, and cloud
22	29.525	60.0	15.5	81	W	23	9.0	K	.04	Moon and cloud
23	29.630	55.0	13.0	93	—	23	10.0	N		Raining
24	29.735	55.0	13.0	93	S	52	7.5	K N	.17	Moon and cloud
25	29.719	52.0	11.0	87	NW	52	8.0	K N	.01	Cold and hazy
26	29.645	52.0	11.0	84	SW	26	7.5	KS		Alternate cloud
27	29.610	57.0	14.0	93	—	0	10.0	K N		Thick and rainy
28	30.140	56.0	12.5	93	—	0	10.0	K	.22	Dense K
29	30.310	55.0	13.0	87	S	0	10.0	KS	.02	Cloudy, sky covered
30	30.330	61.0	15.5	76	S	23	3.0	K		Moon and starlight
31	30.130	56.0	12.5	82	—	0	7.0	K		Moonlight

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.