

# METEOROLOGICAL OBSERVATIONS.

FROM THE 1ST TO THE 15TH SEPT., 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	29.530	53.5	13.5	86	SW	2.60	10.0	N	.33	Cloudy, with rain	
2	29.715	56.0	13.5	86	NW	2.60	10.0	N	.47	Cloud & rain continued	
3	29.330	58.5	15.5	81	NW	2.60	6.5	K	.08	Moonlight	
4	29.845	63.0	17.0	78	NW	.52	5.0	K	.02	Moon and starlight	
5	30.120	61.0	16.0	76	NW	.26	4.5	K		Ditto ditto	
6	29.815	64.0	17.5	82	W	.26	7.5	K		Halo round the moon	
7	29.720	65.0	18.0	83	NW	.52	10.0	K		Dif. density, sky covered	
8	29.525	63.0	17.0	77	SW	2.60	3.0	K		Starlight, brilliant	
9	30.135	54.0	12.0	74	SW	2.6	7.0	K	.15	Stars faint	
10	30.230	56.5	13.5	80	—	.0	.0	.0	.03	Starlight	
11	29.940	58.5	14.5	87	S	.0	7.0	KN		Few stars, faint	
12	29.540	62.0	16.5	87	S	.0	10.0	N	.01	Cloudy, not a star	
13	29.015	63.5	17.5	83	N	.26	.0	.0	.14	Strongscintillation in the stars	
14	28.725	63.0	17.0	94	—	.0	10.0	N	.10	Dark, calm, rain	
15	29.000	61.0	16.0	87	W	.52	9.0	KN	.10	Squally, low bar.	

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.