

## METEOROLOGICAL OBSERVATIONS.

FROM THE 1ST TO THE 15TH APRIL, 1878, 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			Wind.		Cloud.		Rain in 24 hours.	Weather.
			Fahrenheit.	Centigrade.	Relative Humidity.	Direction from	Force in lbs. per square foot.	Amount.	Character.		
1	29.820	66.0	19.5	<sup>p.c</sup> 81	NW	2.00	7.0	KN	.60	Fine after rain	
2	30.140	64.0	18.0	82	NW	.0	7.0	K	.01	Fine	
3	29.625	65.0	18.5	86	NW	.52	3.5	K		Squally	
4	29.490	63.5	17.0	93	NW	.26	7.0	K		Cloudy	
5	29.900	61.0	16.0	93	NW	.26	.0	0		Clear & calm	
6	30.210	62.0	16.5	87	S	.0	9.0	K		Sultry	
7	29.870	62.0	16.5	82	SE	.26	10.0	K		Calm and cloudy	
8	29.990	64.5	18.0	82	S	.26	.0	0	.08	Fine	
9	29.870	66.0	19.5	82	SE	.52	5.5	K		Sultry	
10	29.940	63.0	16.5	81	S	.0	5.0	K		Ditto	
11	29.730	64.0	18.0	86	SE	.26	10.0	KN	.04	Light rain	
12	29.980	69.0	20.5	80	W	.26	.0	0	.05	Fine & clear	
13	30.000	67.0	19.0	83	NW	.0	3.5	K		Ditto	
14	30.120	69.0	20.5	79	NW	.26	.0	0		Ditto	
15	30.410	68.0	19.5	87	W	.52	2.0	K		Ditto	

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.