

METEOROLOGICAL OBSERVATIONS.

FROM THE 16TH TO THE 31ST MARCH, 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		Relative Humidity.	Wind.		Cloud.		Rain in 24 hours.	Weather.
		Fahrenheit.	Centigrade.		Direction from	Force in lbs. per square foot.	Amount.	Character.		
16	29·920	63·0	19·0	^{p.c.} 72	NW	2·60	3·0	K	0	Squally, rain
17	30·222	64·0	18·0	76	S	·52	·0	0	·02	Moon and starlight
18	30·040	65·0	18·5	77	NW	·52	5·0	K	·0	Moonlight
19	30·020	67·0	19·5	77	W	·26	7·0	K	·0	Moonlight
20	29·920	63·0	20·0	83	NW	2·60	10·0	K	·0	Wind and cloud
21	30·220	67·5	19·5	82	S	·52	7·5	K	0	Moonlight
22	30·220	66·0	19·0	82	S	·52	3·0	K	0	Moon and haze
23	29·945	72·0	22·0	83	NW	·26	5·0	K	0	Few faint stars
24	29·945	71·0	21·5	63	N	·52	6·0	K	0	Few stars, sky hazy
25	29·945	70·0	21·0	78	NW	·26	4·5	K	0	Stars round the zenith
26	29·320	74·0	23·5	83	N	·26	10·0	N	·0	Cloud, sky covered
27	29·440	69·0	20·5	73	NW	·26	·0	·0	·08	Starlight
28	29·970	70·5	21·5	78	SW	·26	·0	·0	·0	Starlight
29	29·740	72·0	22·0	73	S	·26	·5	K	·0	Stars in the zenith
30	29·720	68·0	20·0	83	S	·26	10·0	KN	·30	Cloud, sky covered
31	29·820	67·0	19·5	88	SW	·26	10·0	N	·0	Rain, calm, cloud

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.