

METEOROLOGICAL OBSERVATIONS.

FROM DECEMBER 15TH TO 31ST, 1878.

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. Juice 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	29.125	54.0	12.5	^{p. c.} 88	SE	.52	0	.0	^{In.} .0	Starlight, brilliant
17	29.420	54.0	12.0	67	NW	.52	4	K	.76	Starlight
18	29.910	56.0	13.5	88	N	.52	5	K	.04	Starlight
19	30.020	60.0	15.5	63	SE	.26	7	K	.02	Stars in the zenith
20	29.320	62.0	17.0	88	NW	.26	4	K	.0	Starlight
21	29.610	61.5	16.5	94	NW	.52	10	K	.06	Cloud, sky covered
22	29.410	61.0	16.0	88	NW	.52	10	K	.01	Do. Do.
23	29.320	52.0	11.5	82	W	.52	0	.0	.01	Squally, starlight
24	29.210	59.0	15.0	94	W	.26	10	N	.07	Rain, sky covered
25	29.210	49.0	9.5	100	W	.52	10	N	.05	Set rain
26	29.510	58.0	14.5	88	W	.26	10	N	.45	Cloud, sky covered
27	29.345	47.0	9.0	88	W	.52	0	.0	.0	Starlight
28	29.445	55.0	12.5	94	W	.52	10	N	.06	Cloudy, sky covered
29	29.820	53.0	12.0	94	SW	.52	5	K	.01	Stars in the zenith
30	29.840	57.0	14.0	88	NW	.52	0	.0	.08	Stars, sky covered
31	29.920	65.0	18.5	88	S	.26	10	K	.0	Cloudy, sky covered

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.