

METEOROLOGICAL OBSERVATIONS.

FROM SEPTEMBER 16 TO SEPTEMBER 30, 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. 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	29.973	50.0	10.0	^{p.c} 82	S	.26	7	K	In.	Clear to south
17	29.920	53.0	11.5	83	S	.26	4	K	.01	Starlight, brilliant
18	29.620	54.0	12.5	73	S	.26	4	K		Starlight
19	29.630	51.0	10.5	82	NW	.26	5	K	.04	Stars in the Zenith
20	29.225	60.0	15.5	83	N	2.60	10	KN		Rain and wind strong
21	29.520	45.0	8.0	83	W	.26	10	KN	.13	Squally all day
22	29.445	54.5	12.5	83	N	.52	7	K	.33	Stars in the Zenith
23	29.120	48.0	9.0	83	N	.26	5	K	.02	Stars after rain
24	29.025	47.5	8.5	94	NW	.26	5	K	.48	Stars, over-cast
25	29.125	45.0	7.0	83	SE	.25	10	KN	.01	Cloud, sky covered
26	29.220	50.0	10.0	82	NW	.25	10	KN	.40	Sky squally
27	29.725	42.0	5.5	75	SW	2.60	4	K	.03	Starlight
28	29.840	46.0	7.5	81	NW	.26	7	K	.01	Large K
29	29.725	48.0	8.5	82	NW	.52	0	0		Starlight
30	29.840	51.0	11.0	76	NW	.52	10	KN	.06	Cloud, 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.