

METEOROLOGICAL OBSERVATIONS.

FROM THE 16TH TO THE 31ST AUGUST, 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.		
				%					In.	
16	29·542	55·0	13·0	100	—	0	10·0	N	·08	Set rain
17	30·045	50·0	10·0	93	S	2·6	10·0	N	·40	Hail, rain and snow
18	30·630	54·0	12·0	86	W	0	0	0	·61	Starlight
19	30·215	56·0	13·0	93	—	0	4·0	K	·02	Starlight
20	30·105	57·0	15·0	87	—	0	10·0	KN		Cloudy, sky covered
21	29·745	61·0	16·0	88	NW	·26	10·0	KN		Cloudy, sky covered
22	29·740	64·0	17·5	82	NW	·26	4·5	K		Alternate star and cloud
23	29·545	64·0	18·0	88	N	0	0	O		Starlight, sky covered
24	29·330	63·0	17·0	87	W	·26	7·0	KN		Cloudy after rain
25	29·610	55·5	12·5	86	NW	·26	7·0	K	·08	Sky hazy, faint moonlight
26	29·835	58·0	14·0	87	N	·26	8·5	KN	·01	Heavy clouds and hazy
27	30·120	57·0	14·0	81	SW	·26	8·0	K	·02	Large K, a few stars
28	29·720	50·0	15·0	81	NW	·26	7·0	K		Moonlight through cloud
29	29·522	60·5	15·5	100	SW	2·6	5·5	N	·03	After rain
30	29·740	62·0	17·0	76	N	·52	10·0	KN	·06	Cloudy, sky covered
31	29·910	64·5	18·5	77	NE	5·21	10·0	N	·01	Squall, wind and rain

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.