

METEOROLOGICAL OBSERVATIONS.

FROM THE 16TH TO THE 31ST OCT., 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. Direction from Force in lbs. per square foot.	Cloud.		Rain in 24 hours.	Weather.
		Fahrenheit.	Centigrade.			Amount.	Character.		
16	29·640	63·5	17·5	94	—	·0 10·0	N	In '09	Cloudy, sky covered.
17	29·524	67·0	19·5	88	W	·52 7·5	K	'05	Few stars only
18	29·810	64·0	17·5	77	W	·26 ·0 ·0		'01	Starlight, brilliant
19	29·515	66·5	19·0	82	N	·52 4·5	K	'06	Stars and clouds
20	29·505	63·5	17·5	77	NW	·0 ·0 ·0		'01	Starlight, brilliant
21	29·340	65·0	18·0	94	—	·0 10·0	N	08	Light rain
22	29·235	65·0	18·0	88	N	·52 1·0	K	'17	Moon and starlight
23	29·230	63·0	17·0	82	N	2·60 10·0	N	'18	Cloudy, sky covered
24	29·735	61·5	16·0	88	N	·52 6·0	KS	'07	Moon, stars and clouds
25	29·530	64·0	17·5	82	NW	·0 2·0	K	'02	Moon and starlight
26	30·110	63·0	17·0	88	S	·0 10·0	KN		Calm and cloudy
27	29·920	65·5	18·5	88	S	·0 10·0	K		Ditto
28	29·640	70·0	21·0	88	W	·0 10·0	KN		Drizzling rain
29	29·430	67·0	19·0	82	NW	·0 8·5	KN	'25	Sky hazy, moon and clouds
30	29·525	61·0	16·0	82	W	5·21 8·0	KN	'25	Squally throughout
31	29·510	64·5	18·0	82	N	·52 10·0	N	'03	Squally, with 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.