

## METEOROLOGICAL OBSERVATIONS.

FROM THE 1ST TO THE 15TH JULY, 1877, 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.				
1	30·520	52·5	11·5	$\frac{74}{100}$	·0	·0	·0	·0	·0	In.	Stars in the zenith
2	30·440	50·0	10·0	81	NW	·26	3·5	KS			Stars to the zenith
3	30·506	43·0	9·0	86	NW	·26	4·0	K			Ditto ditto
4	30·445	49·0	9·5	86	NW	·0	3·5	K			Faint stars by plaxis
5	30·331	48·0	9·0	86	N	·26	·0	·0			Starlight
6	30·330	53·0	12·5	93	·0	·0	10·0	KN			Sky cloudy
7	30·200	52·11	11·0	81	N	·26	4·0	K	·01		Starlight
8	29·845	54·5	13·5	87	NW	·52	10·0	N			Cloudy and dark
9	30·040	51·0	10·5	87	N	·26	10·0	N	·01		Dark, with rain
10	30·400	50·0	10·0	86	NW	·26	4·0	K	·02		Stars to the zenith
11	30·445	49·5	9·5	87	NW	·0	4·0	K			Stars to the zenith
12	30·320	50·0	10·0	87	NW	·26	3·5	K			Cloud in the horizon
13	30·325	50·0	10·0	87	SW	·0	4·5	K			Stars in the zenith
14	35·010	49·0	9·5	87	·0	·0	3·0	K			Starlight
15	30·430	50·0	10·0	87	—	·0	10·0	N			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.