

# METEOROLOGICAL OBSERVATIONS.

FROM 1ST TO THE 16TH OCTOBER, 1879.

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. Direction from Force in lb. per square foot.	Cloud.		Rain in 24 hours.	Weather.
		Fahrenheit.	Centigrade.			Amount.	Character.		
p.c.									In.
1	30.025	52.0	25.0	69	NW	.52	10	K	.03 Cumula covering the Moon
2	29.925	55.0	13.0	87	NW	.26	7	K	.01 Moon cloud- ed
3	30.125	55.0	13.0	86	SE	.26	7	K	— Do. do.
4	29.958	50.0	10.0	74	S	.49	5	K	— Stars and Moon
5	29.725	59.0	15.0	77	NW	.26	4	K	— Dark Clouds and Stars
6	29.648	59.0	15.0	67	NW	.26	4	K	— Stars in Zenith
7	29.975	50.0	10.0	75	SE	.52	10	N	.02 Squally
8	29.825	52.0	11.0	74	S	.26	7	K	.25 Few faint Stars
9	29.645	54.0	12.0	76	S	.26	7	K	.01 Dark and Cloudy
10	29.500	50.0	10.0	81	W	.62	10	N	— Rain
11	29.926	43.0	6.0	79	S	.52	4	K	.25 Rain, Stars in Zenith
12	30.038	52.0	11.0	82	SE	.52	4	K	.36 Starlight
13	30.176	56.0	14.5	76	SE	.26	4	K	.10 Frosty
14	30.045	52.0	11.0	70	SE	.26	0	0	— Starlight, Frosty
15	29.934	55.0	15.0	81	NW	.52	10	KN	— Sky cloudy
16	29.746	71.0	21.5	78	SE	.0	10	KN	— Cloudy and sultry

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.