

METEOROLOGICAL OBSERVATIONS.

FROM 1ST TO THE 15TH APRIL, 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. | | Cloud. | | Rain in 24 hours. | Weather. |
|---------------|------------------------------------------------------------------|-------------|------|----------------|--------------------------------|--------------------|------------|---------|--------|--|-------------------|----------------------|
| | Fahrenheit. | Centigrade. | | Direction from | Force in lbs. per square foot. | | Character. | Amount. | | | | |
| 1 | 29.925 | 50.0 | 10.0 | 82 | SE | .26 | K | 7 | In. | | | Moon and Stars |
| 2 | 29.725 | 57.0 | 14.0 | 88 | E | .26 | K | 10 | | | | Moon and Stars |
| 3 | 30.013 | 48.0 | 9.0 | 89 | S | .52 | 0 | 0 | .20 | | | Clear Moonlight |
| 4 | 30.310 | 52.0 | 12.0 | 82 | S | .52 | K | 10 | .10 | | | Cloud Sky Covered |
| 5 | 30.066 | 62.0 | 17.0 | 83 | NW | .26 | K | 10 | | | | Moon Full and Cloudy |
| 6 | 29.945 | 68.0 | 20.0 | 83 | SE | .26 | K | 6 | | | | Moonlight |
| 7 | 29.925 | 60.0 | 15.5 | 88 | 0 | 0 | K | 10 | | | | Calm and hazy |
| 8 | 29.920 | 61.0 | 16.0 | 88 | 0 | 0 | K | 10 | .02 | | | Calm and Cloudy |
| 9 | 29.914 | 55.0 | 15.0 | 77 | W | .52 | K | 7 | | | | Moon, Star and Cloud |
| 10 | 30.020 | 57.0 | 14.5 | 88 | SE | .26 | KN | 10 | | | | Sky Cloudy |
| 11 | 29.525 | 55.0 | 13.0 | 88 | S | .26 | K | 10 | | | | Sky Cloudy |
| 12 | 30.025 | 43.0 | 6.0 | 87 | S | .52 | K | 10 | | | | Squally |
| 13 | 30.225 | 45.0 | 7.0 | 93 | 0 | 0 | KN | 10 | .95 | | | Cloud very dark |
| 14 | 30.210 | 54.0 | 12.5 | 82 | SW | .26 | K | 10 | .21 | | | Cloud Sky Covered |
| 15 | 30.265 | 57.0 | 14.0 | 83 | NW | 0 | 0 | 0 | .02 | | | Starlight |

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.