

METEOROLOGY FOR MAY, 1873.

PRIVATE OBSERVATORY, HOBART TOWN.
Latitude 42° 52' 13" S.; Longitude 96° 40m. 29.2" E.
(Registered for the Royal Society of Tasmania.)

| Day of Month. | Bar corrected for temperature, instrumental error, and sea level. | | Thermometers (Reading.) | | Thermometers (Self-Registering.) | | Wind. | | Clouds. | | Totality Humidity Per cent. | Rain in Inches. | Spun Exp. | Gauges. Chron. Scale. | | | | | | | | | |
|---------------|---|-----------|-------------------------|-----------------------|----------------------------------|---------------------------|-----------------------------|----------------------------|--------------------------------|-----------------|-----------------------------|-----------------|------------------|-----------------------|--------------------------------|------------|---------|------------|---------|-----------------|-----------|-----------|-----------|
| | 7 30 a.m. | 4 30 p.m. | Centigrade, 7 30 a.m. | Fahrenheit, 7 30 a.m. | Fahrenheit, 4 30 p.m. | Highest in Sun, 4 30 p.m. | Highest in Shade, 7 30 p.m. | Lowest on Grass, 7 30 a.m. | Force in lbs. per square foot. | Direction from. | | | | | Force in lbs. per square foot. | Character. | Amount. | Character. | Amount. | Direction from. | | | |
| | | | | | | | | | | | | | | | | | | | | | 7 30 a.m. | 4 30 p.m. | 7 30 a.m. |
| 1 | 30.90 | 29.80 | 4 | 40 | 51 | — | 72 | 54 | 52 | S | 2 1/2 | K | KN | 10 | NW | 85 | 80 | 64 | 4 | | | | |
| 2 | 30.98 | 30.078 | 13 | 55 | 50 | 95 | 65 | 30 | 52 | S | 2 1/2 | K | KN | 8 | NW | 80 | 80 | 57 | 8 | | | | |
| 3 | 30.053 | 30.237 | 6 | 51 | 53 | 78 | 50 | 33 | 0 | S | 52 | K | KN | 7 | SW | 50 | 60 | 50 | 6 | | | | |
| 4 | 30.588 | 30.286 | 9 | 47 | 49 | — | 54 | 34 | 0 | S | 26 | N | 10 | 10 | S | 50 | 50 | 60 | 10 | | | | |
| 5 | 30.210 | 30.242 | 5 | 42 | 50 | 86 | 54 | 35 | 0 | NW | 0 | K | 10 | K | 10 | 10 | 80 | 55 | 6 | | | | |
| 6 | 30.109 | 30.492 | 4 | 39 | 51 | 100 | 58 | 32 | 0 | NW | 0 | N | 10 | 4 | 10 | 10 | 80 | 54 | 50 | 6 | | | |
| 7 | 30.029 | 30.942 | 6 | 43 | 54 | 78 | 63 | 28 | 0 | NW | 0 | N | 10 | 10 | 10 | 8 | 84 | 80 | 50 | 7 | | | |
| 8 | 30.129 | 30.141 | 4 | 39 | 53 | 102 | 60 | 33 | 0 | NW | 0 | K | 10 | 10 | 10 | 10 | 74 | 86 | 50 | 7 | | | |
| 9 | 30.142 | 30.168 | 0 | 39 | 50 | 110 | 65 | 26 | 0 | NW | 52 | K | 10 | 10 | 10 | 10 | 72 | 86 | 50 | 10 | | | |
| 10 | 30.192 | 30.926 | 4 | 40 | 55 | 105 | 63 | 25 | 0 | SE | 0 | K | 10 | 10 | 10 | 10 | 71 | 84 | 50 | 4 | | | |
| 11 | 30.902 | 30.918 | 5 | 44 | 50 | 105 | 63 | 27 | 0 | NW | 0 | N | 10 | 10 | 10 | 10 | 65 | 82 | 50 | 6 | | | |
| 12 | 30.948 | 30.930 | 7.5 | 46 | 57 | 95 | 61 | 24 | 0 | SE | 23 | K | 10 | 10 | 10 | 10 | 63 | 87 | 50 | 4 | | | |
| 13 | 30.639 | 30.628 | 20 | 59 | 59 | 97 | 58 | 40 | 0 | S | 0 | K | 4 | KN | 10 | S | 80 | 87 | 62 | 4 | | | |
| 14 | 30.147 | 30.155 | 10 | 50 | 59 | 98 | 58 | 40 | 0 | S | 52 | N | 10 | 10 | 10 | S | 63 | 109 | 64 | 6 | | | |
| 15 | 30.477 | 30.285 | 3 | 47 | 54 | — | 68 | 37 | 0 | NW | 52 | KN | 10 | 10 | 10 | S | 63 | 82 | 50 | 6 | | | |
| 16 | 30.294 | 30.245 | 9 | 47 | 59 | — | 53 | 37 | 0 | S | 0 | KN | 10 | 10 | 10 | S | 65 | 109 | 12 | 10 | | | |
| 17 | 30.178 | 30.132 | 11 | 52 | 59 | 100 | 55 | 36 | 0 | S | 52 | KN | 10 | 10 | 10 | S | 68 | 92 | 97 | 10 | | | |
| 18 | 30.845 | 30.749 | 15 | 54 | 55 | — | 58 | 37 | 0 | SE | 20 | N | 10 | 10 | 10 | S | 64 | 94 | 78 | 10 | | | |
| 19 | 30.645 | 30.673 | 16 | 53 | 58 | 92 | 60 | 39 | 0 | NW | 0 | N | 10 | 10 | 10 | S | 64 | 93 | 15 | 8 | | | |
| 20 | 30.648 | 30.655 | 10 | 50 | 57 | 109 | 62 | 40 | 0 | N | 0 | K | 7 | KS | 9 | NE | 68 | 84 | 50 | 10 | | | |
| 21 | 30.406 | 30.175 | 13 | 54 | 59 | 95 | 62 | 41 | 0 | NW | 23 | KN | 7 | KS | 7 | S | 94 | 85 | 65 | 3 | | | |
| 22 | 30.373 | 30.371 | 9 | 49 | 58 | 105 | 65 | 38 | 0 | NW | 5 | K | 7 | KS | 7 | NW | 80 | 80 | 60 | 3 | | | |
| 23 | 30.541 | 30.459 | 10 | 56 | 58 | 98 | 60 | 35 | 0 | S | 16 | K | 9 | K | 9 | NW | 93 | 80 | 60 | 3 | | | |
| 24 | 30.594 | 30.678 | 8 | 46 | 54 | 100 | 58 | 35 | 0 | NW | 0 | K | 10 | K | 4 | SE | 83 | 87 | 61 | 3 | | | |
| 25 | 30.522 | 30.595 | 0.5 | 44 | 49 | 75 | 64 | 34 | 0 | S | 0 | K | 4 | K | 8 | N | 85 | 81 | 61 | 5 | | | |
| 26 | 30.477 | 30.485 | 1 | 34 | 69 | 105 | 63 | 31 | 0 | NE | 52 | K | 4 | K | 10 | SW | 84 | 80 | 60 | 3 | | | |
| 27 | 30.616 | 30.748 | 4 | 52 | 59 | 91 | 57 | 33 | 0 | N | 29 | K | 2 | K | 4 | N | 92 | 80 | 64 | 6 | | | |
| 28 | 30.914 | 30.948 | 4 | 30 | 51 | 85 | 54 | 34 | 0 | SW | 0 | KN | 10 | KN | 10 | SW | 160 | 93 | 60 | 3 | | | |
| 29 | 30.785 | 30.982 | 11 | 62 | 52 | — | 55 | 36 | 0 | SE | 30 | KN | 10 | K | 7 | S | 87 | 80 | 57 | 10 | | | |
| 30 | 30.109 | 30.069 | 10 | 60 | 60 | — | 64 | 37 | 0 | SE | 32 | KN | 10 | KN | 10 | SE | 86 | 80 | 57 | 5 | | | |
| 31 | 30.020 | 30.094 | 8 | 47 | 62 | — | 54 | 34 | 0 | SE | 0 | KN | 10 | KN | 0 | S | 53 | 86 | 63 | 5 | | | |
| Mean Press | 30.524 | 30.524 | Mean | 50.90 | 50.90 | Mean | 60.89 | 58.32 | Mean | 30.03 | Mean Force | 34.16 | Mean for Month. | 7.87 | Mean | 87 | TI | TI | TI | 1.53 | 28 | 185 | |
| Greatest do | 30.248 | 30.248 | Max. | 59 | 59 | Max. | 110.00 | 72.90 | Max. | 41.00 | Greatest Force | 2.00 lb. | Prev. Character, | K | | | | | | | | | 0.0 |
| Least do. | 29.176 | 29.176 | Min. | 34 | 34 | Min. | 75.00 | 53.00 | Min. | 31.00 | Least Force. | 0 | | | | | | | | | | | |

The Meteorological form brought into use at the beginning of 1873 differs in some respects from the former one. It has been adopted with the view of assimilating the Hobart Town records more closely with those of stations in Europe, America, etc. In order to co-operate in a system of International Meteorology, Readings are added from the centigrade thermometer, that being the instrument generally used on the continents of Europe.

The mean is in all cases taken from the sums of the two daily registers, not from the maximum and minimum. The direction of the wind is registered from currents at a height of 92 feet above sea level, and its force in lbs. per square foot.

The relative quantity of rain that fell under the different winds is registered each morning at 7 30 a.m.

The 35 years' standard tables are used for obtaining the difference from average.

FRANCIS ABBOTT, F.R.A.S., etc.

Time of leafing, flowering, fruiting, &c. of a few standard plants in the Botanic Garden, Hobart Town, during the month of May, 1873:—

- 15th.—Medlar ripe.
- 20th.—*Phytolacca serrulata* commencing to flower.
- 25th.—*Elonema alba* commencing to flower.
- 26th.—*Ailanthus* leaves all fallen.
- 30th.—*Cornellia glauca* commencing to flower.

F. ABBOTT, JUN., Superintendent