

ABSTRACT FOR THE MONTH OF MARCH 1875.

OF TRI-HOURLY METEOROLOGICAL OBSERVATIONS TAKEN AT MCGILL COLLEGE OBSERVATORY. HEIGHT ABOVE SEA LEVEL 187 FT.

| Day. | THERMOMETER. | | | | BAROMETER. | | | | † Mean Pressure of Vapour. | ‡ Mean Relative Humidity. | WIND. | | SKY CLOUDED IN TENTHS. | | | • Rain and Snow Melted. | Day. |
|-------------|--------------|-------|-------|--------|------------|--------|--------|--------|----------------------------|---------------------------|-------------------|-------------------------------|------------------------|------|------|-------------------------|-----------|
| | Mean. | Max. | Min. | Range. | Mean. | ‡ Max. | ‡ Min. | Range. | | | General direction | Mean Velocity in m. p. hours. | Mean. | Max. | Min. | | |
| 1 | -2.19 | 5.0 | 40.3 | 15.8 | 30.3021 | 30.491 | 29.934 | .557 | .0311 | 76.4 | N. E. | 9.6 | 8.0 | 10 | 0 | 0.18 | 1 |
| 2 | 14.62 | 19.5 | 5.0 | 14.5 | 29.9782 | 30.220 | 29.791 | .429 | .0704 | 82.9 | N. | 12.2 | 9.9 | 10 | 0 | 0.13 | 2 |
| 3 | 13.12 | 18.0 | 9.2 | 8.8 | 30.3180 | 30.434 | 30.217 | .217 | .0684 | 86.9 | N. E. | 12.7 | 7.5 | 10 | 0 | Inappreciable | 3 |
| 4 | 15.81 | 19.5 | 12.6 | 6.9 | 30.3656 | 30.466 | 30.240 | .226 | .0666 | 75.0 | N. E. | 14.1 | 5.6 | 10 | 0 | 0.02 | 4 |
| 5 | 14.81 | 24.0 | 3.3 | 20.7 | 30.3481 | 30.467 | 30.146 | .321 | .0702 | 78.6 | S. E. | 9.8 | 7.0 | 10 | 0 | 0.05 | 5 |
| 6 | 25.90 | 29.0 | 21.7 | 7.3 | 29.9584 | 30.093 | 29.887 | .206 | .1316 | 93.5 | E. | 7.2 | 10.0 | 10 | 10 | 0.22 | 6 |
| Sunday 7 | | 30.0 | 20.5 | 9.5 | | | | | | | E. | 11.5 | | | | 0.02 | 7 Sunday |
| 8 | 23.79 | 29.8 | 16.4 | 13.4 | 30.0384 | 30.167 | 29.881 | .286 | .0970 | 75.7 | N. E. | 11.3 | 2.1 | 7 | 0 | | 8 |
| 9 | 20.59 | 27.1 | 11.3 | 15.8 | 30.1164 | 30.194 | 29.968 | .226 | .0895 | 77.7 | S. E. | 6.1 | 7.4 | 10 | 0 | | 9 |
| 10 | 24.67 | 31.0 | 17.5 | 13.5 | 29.8369 | 29.930 | 29.781 | .149 | .1207 | 89.0 | S. | 6.6 | 9.7 | 10 | 8 | 0.03 | 10 |
| 11 | 28.97 | 34.8 | 25.2 | 9.6 | 29.9229 | 29.998 | 29.810 | .188 | .1317 | 82.9 | W. | 14.1 | 6.1 | 10 | 1 | 0.07 | 11 |
| 12 | 33.06 | 37.9 | 27.4 | 10.5 | 29.8535 | 30.098 | 29.678 | .420 | .1537 | 80.9 | W. | 17.3 | 8.4 | 10 | 0 | 0.25 | 12 |
| 13 | 21.80 | 29.7 | 14.6 | 15.1 | 30.1017 | 30.153 | 30.053 | .100 | .0886 | 75.4 | N. E. | 8.9 | 5.2 | 9 | 0 | | 13 |
| Sunday 14 | | 29.4 | 13.2 | 16.2 | | | | | | | N. E. | 8.9 | | | | 0.17 | 14 Sunday |
| 15 | 33.95 | 38.0 | 27.0 | 11.0 | 29.7761 | 29.955 | 29.545 | .410 | .1804 | 91.9 | E. | 12.5 | 10.0 | 10 | 10 | 0.80 | 15 |
| 16 | 36.15 | 41.0 | 31.6 | 9.4 | 29.5766 | 29.624 | 29.512 | .112 | .1721 | 80.6 | W. | 13.5 | 9.5 | 10 | 6 | 0.10 | 16 |
| 17 | 22.54 | 31.7 | 14.2 | 17.5 | 29.5710 | 29.660 | 29.510 | .150 | .0941 | 75.7 | W. | 20.7 | 6.2 | 10 | 0 | 0.01 | 17 |
| 18 | 9.42 | 14.8 | 3.1 | 11.7 | 29.8991 | 30.085 | 29.712 | .373 | .0452 | 67.0 | W. | 32.0 | 3.4 | 9 | 0 | | 18 |
| 19 | 8.15 | 17.0 | 1.1 | 15.9 | 30.2386 | 30.275 | 30.146 | .129 | .0366 | 58.4 | W. | 22.4 | 0.1 | 1 | 0 | | 19 |
| 20 | 7.32 | 11.4 | 3.7 | 7.7 | 30.0954 | 30.265 | 29.954 | .311 | .0359 | 58.7 | N. | 8.4 | 7.7 | 10 | 0 | | 20 |
| Sunday 21 | | 22.2 | 2.8 | 19.4 | | | | | | | N. | 12.8 | | | | | 21 Sunday |
| 22 | 11.54 | 20.9 | 2.3 | 18.6 | 30.2060 | 30.309 | 30.110 | .199 | .0431 | 57.2 | N. W. | 9.2 | 0.1 | 1 | 0 | | 22 |
| 23 | 14.81 | 25.5 | 5.1 | 20.4 | 30.3750 | 30.439 | 30.271 | .168 | .0555 | 63.6 | E. | 4.7 | 0.0 | 0 | 0 | | 23 |
| 24 | 20.05 | 27.8 | 8.2 | 19.6 | 29.9496 | 30.222 | 29.832 | .390 | .0920 | 78.1 | S. | 20.3 | 7.7 | 10 | 0 | 0.14 | 24 |
| 25 | 28.34 | 34.0 | 23.1 | 10.9 | 30.0216 | 30.192 | 29.882 | .310 | .1196 | 77.5 | N. W. | 16.4 | 3.4 | 9 | 0 | 0.01 | 25 |
| 26 | 26.79 | 36.5 | 17.2 | 19.3 | 29.8937 | 30.216 | 29.607 | .009 | .1260 | 84.0 | S. | 18.5 | 5.5 | 10 | 0 | 0.05 | 26 |
| 27 | 35.27 | 39.5 | 31.3 | 8.2 | 29.7671 | 29.940 | 29.680 | .260 | .1541 | 74.4 | W. | 22.1 | 4.5 | 10 | 0 | 0.01 | 27 |
| Sunday 28 | | 33.5 | 21.2 | 12.3 | | | | | | | W. | 18.1 | | | | | 28 Sunday |
| 29 | 29.79 | 39.0 | 20.1 | 18.9 | 30.3401 | 30.404 | 30.257 | .147 | .1196 | 72.7 | S. | 8.2 | 4.6 | 10 | 0 | | 29 |
| 30 | 30.35 | 39.8 | 19.2 | 20.6 | 30.3631 | 30.380 | 30.336 | .044 | .1297 | 76.1 | N. E. | 8.0 | 1.4 | 6 | 0 | | 30 |
| 31 | 33.81 | 39.9 | 25.3 | 14.6 | 30.3767 | 30.454 | 30.276 | .178 | .1476 | 75.7 | N. E. | 13.0 | 2.4 | 10 | 0 | | 31 |
| Means | 21.607 | 28.30 | 14.42 | 13.98 | 30.0593 | | | .2635 | .09893 | 76.54 | | 13.26 | 5.68 | | | | |

* Barometer reduced to Sea level and to temperature 32° Fah. † Pressure of Vapour in inches of Mercury. ‡ Humidity relative, saturation being 100. § Observed. • Ten inches of Snow is taken as equal to one inch of water.

Mean temperature for the month 21.61 ; mean of maxima and minima temperature, 21.3 ; greatest heat was on the 16th, 41.0 ; greatest cold was on the 1st, -10.3 ; giving a range of temperature of 51.3 degrees for the month. Greatest range of the thermometer in one day, was 20.7 degrees on the 5th ; least range, was 6.9 degrees on the 4th. Mean range for the month, 13.98. Number of days on which the thermometer was below zero, 1. Mean height of the barometer for month 30.0593 ; highest reading of barometer, 30.491, was on the 1st ; lowest reading, 29.510, was on the 17th ; giving a range of 0.981 inches for the month. Mean elastic force of vapour in the atmosphere = .0989 inches of mercury. Mean relative humidity, 76.5. Maximum relative humidity, was 99 on the 15th, during rain ; minimum relative humidity, was 50 on the 20th and 23rd during cloudy and clear weather. Mean velocity of wind for month, 13.3 miles per hour ; maximum velocity, 40 miles per hour was on the 18th. Mean of sky clouded in tenths, 5.7. Snow fell on 18 days. Depth of snow fall during month, 14.6 inches, which is equal to 1.46 inches of water. Rain fell on two days ; depth of rain fall during month, 0.80. Total precipitation in inches of water 2.26.