# ABSTRACT FOR THE MONTH OF APRIL, 1895.

Meteorological Observations, McGill College Observatory, Montreal, Canada. Height above sea level, 187 feet. C. H. McLEOD, *Superintendent.*

| DAY. | THERMOMETER. Mean. | Max. | Min. | Range. | BAROMETER. Mean. | Max. | Min. | Range. | †Mean pressure of vapor. | ‡ Mean relative humidity. | Dew point. | WIND. General direction. | Mean velocity in miles perhour | SKY CLOUDED IN TENTHS. Mean. | Max. | Min. | Per cent. of Possible Sunshine. | Rainfall in inches | Snowfall in inches. | Rain and snow melted. | DAY. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 30.05 | 34.8 | 25.0 | 9.8 | 29.7998 | 29.991 | 29.640 | .351 | .1202 | 71.0 | 22.0 | S.W. | 5.2 | 8.3 | 10 | 0 | 00 | .... | Inap. | .... | 1 |
| 2 | 33.95 | 38.5 | 29.1 | 9.4 | 29.6278 | 29.649 | 29.608 | .041 | .1533 | 78.7 | 28.0 | S.W. | 7.0 | 9.2 | 10 | 5 | 00 | .... | .... | .... | 2 |
| 3 | 32.32 | 36.9 | 28.9 | 8.0 | 29.6107 | 29.653 | 29.550 | .103 | .1463 | 80.0 | 27.0 | W. | 12.1 | 9.0 | 10 | 4 | 19 | Inap. | .... | Inap. | 3 |
| 4 | 30.57 | 35.8 | 25.3 | 10.5 | 29.8325 | 29.939 | 29.728 | .211 | .1458 | 84.8 | 26.7 | S.W. | 18.7 | 7.3 | 10 | 0 | 40 | .... | .... | .... | 4 |
| 5 | 35.90 | 41.4 | 29.8 | 11.6 | 30.1305 | 30.214 | 30.030 | .184 | .1382 | 65.8 | 25.5 | S.W. | 16.9 | 2.2 | 10 | 0 | 56 | .... | .... | .... | 5 |
| 6 | 37.48 | 46.0 | 30.0 | 16.0 | 30.3285 | 30.357 | 30.276 | .081 | .1605 | 71.7 | 29.0 | N.E. | 6.0 | 0.8 | 5 | 0 | 90 | .... | .... | .... | 6 |
| SUNDAY.....7 | ..... | 50.0 | 28.2 | 21.8 | ..... | ..... | ..... | .. | ..... | .... | .... | S.E. | 12.2 | .... | .... | .. | 50 | 0.02 | .... | 0.02 | 7... .....SUNDAY |
| 8 | 41.32 | 46.0 | 38.2 | 7.8 | 29.8958 | 30.098 | 29.631 | .467 | .2565 | 98.2 | 41.0 | S.E. | 11.3 | 10.0 | 10 | 10 | 00 | 0.61 | .... | 0.61 | 8 |
| 9 | 45.03 | 47.6 | 39.0 | 8.6 | 29.3613 | 29.544 | 29.236 | .308 | .2888 | 95.3 | 43.7 | S.E. | 15.2 | 10.0 | 10 | 10 | 00 | 1.05 | .... | 1.05 | 9 |
| 10 | 29.15 | 39.5 | 24.0 | 15.5 | 29.8948 | 30.252 | 29.575 | .677 | .1152 | 71.3 | 21.2 | N.W. | 24.8 | 2.3 | 10 | 0 | 95 | .... | .... | .... | 10 |
| 11 | 25.92 | 33.4 | 16.0 | 17.4 | 30.5690 | 30.656 | 30.431 | .225 | .0952 | 66.3 | 16.5 | S.W. | 11.8 | 1.0 | 4 | 0 | 93 | .... | .. | .... | 11 |
| 12 | 37.57 | 46.6 | 25.9 | 20.7 | 30.3698 | 30.555 | 30.135 | .420 | .1497 | 66.3 | 27.0 | S.E. | 13.4 | 7.0 | 10 | 0 | 03 | 0.01 | .... | 0.01 | 12 |
| 13 | 42.03 | 47.2 | 38.7 | 8.5 | 29.8927 | 30.016 | 29.826 | .190 | .2548 | 95.0 | 40.7 | S.E. | 9.3 | 10.0 | 10 | 10 | 00 | 0.49 | .... | 0.49 | 13 |
| SUNDAY.....14 | ..... | 45.0 | 36.5 | 8.5 | ..... | ..... | ..... | .... | .... | ... | .... | N. | 10.2 | .... | .... | .. | 00 | 0.87 | .... | 0.87 | 14... .....SUNDAY |
| 15 | 38.73 | 43.5 | 36.2 | 7.3 | 29.8730 | 30.088 | 29.732 | .356 | .2125 | 90.3 | 36.0 | N.E. | 33.0 | 9.7 | 10 | 8 | 00 | 0.32 | .... | 0.32 | 15 |
| 16 | 39.22 | 48.3 | 34.0 | 14.3 | 30.2237 | 30.269 | 30.168 | .101 | .1737 | 72.3 | 30.8 | N. | 24.6 | 6.3 | 10 | 0 | 28 | .... | .... | .... | 16 |
| 17 | 44.83 | 57.2 | 32.8 | 24.4 | 30.1505 | 30.242 | 30.077 | .165 | .1642 | 56.2 | 29.5 | N.E. | 9.2 | 0.0 | 0 | 0 | 96 | .... | .... | .... | 17 |
| 18 | 49.37 | 59.8 | 38.0 | 21.8 | 30.0885 | 30.149 | 30.014 | .135 | .1760 | 49.8 | 31.2 | N. | 9.5 | 0.0 | 0 | 0 | 94 | .... | .... | .... | 18 |
| 19 | 54.03 | 67.4 | 40.2 | 27.2 | 29.9755 | 30.050 | 29.910 | .140 | .2222 | 55.0 | 37.3 | N.W. | 13.4 | 1.2 | 7 | 0 | 85 | .... | .... | ... | 19 |
| 20 | 48.87 | 58.6 | 38.2 | 20.4 | 30.0518 | 30.091 | 30.015 | .076 | .2465 | 71.0 | 39.7 | N. | 10.5 | 1.3 | 5 | 0 | 95 | .... | .... | .... | 20 |
| SUNDAY.....21 | ..... | 64.0 | 40.0 | 24.0 | ..... | ..... | ..... | .... | ..... | .... | .... | S. | 13.2 | .... | .... | .. | 95 | .... | .... | .... | 21.....SUNDAY |
| 22 | 44.82 | 50.9 | 38.0 | 12.9 | 29.7993 | 29.893 | 29.715 | .178 | .2532 | 85.3 | 40.5 | S. | 15.6 | 5.0 | 10 | 0 | 23 | 0.37 | .... | 0.37 | 22 |
| 23 | 39.32 | 42.8 | 36.0 | 6.8 | 29.7333 | 29.875 | 29.621 | .254 | .2160 | 89.3 | 36.3 | S.E. | 21.5 | 8.3 | 10 | 0 | 00 | 0.02 | .... | 0.02 | 23 |
| 24 | 45.33 | 60.3 | 31.2 | 29.1 | 29.8162 | 29.960 | 29.671 | .289 | .2143 | 70.2 | 35.5 | S.W. | 17.1 | 6.7 | 10 | 0 | 20 | Inap. | .... | Inap. | 24 |
| 25 | 50.27 | 59.2 | 40.0 | 19.2 | 29.9267 | 30.098 | 29.864 | .234 | .2527 | 70.2 | 40.5 | S.W. | 15.3 | 7.7 | 10 | 0 | 28 | .... | .... | .... | 25 |
| 26 | 43.47 | 51.6 | 34.2 | 17.4 | 30.2517 | 30.283 | 30.214 | .069 | .1885 | 66.5 | 33.0 | N. | 7.6 | 4.3 | 10 | 0 | 67 | .... | .... | ... | 26 |
| 27 | 44.22 | 53.7 | 34.0 | 19.7 | 30.3265 | 30.389 | 30.281 | .108 | .1717 | 59.3 | 30.7 | N. | 15.0 | 1.7 | 10 | 0 | 81 | .... | .... | .... | 27 |
| SUNDAY.....28 | ..... | 60.0 | 38.0 | 22.0 | ..... | ..... | ..... | .... | ..... | .... | .... | N. | 5.3 | .... | ..... | . | 92 | .... | .... | .... | 28.....SUNDAY |
| 29 | 57.13 | 68.6 | 42.0 | 26.6 | 30.1713 | 30.256 | 30.086 | .170 | .2687 | 59.3 | 42.0 | S. | 9.7 | 4.2 | 10 | 0 | 94 | .... | .... | .... | 29 |
| 30 | 49.60 | 58.3 | 43.5 | 14.8 | 30.2562 | [illegible] | 30.147 | .240 | .2433 | 68.0 | 39.2 | N. | 15.4 | 6.3 | 10 | 0 | 31 | Inap. | .... | Inap. | 30 |
| 31 | .... | .... | .... | .... | ..... | ..... | ..... | .... | ..... | .... | .. | ..... | .... | .... | .... | .. | .. | .... | .... | .... | 31 |
| .....Means | 41.17 | 49.76 | 33.70 | 16.06 | 29.9984 | 30.113 | 29.890 | .222 | .1934 | 73.4 | 32.7 | N. 33¾° W. | 13.7 | 5.4 | 8.5 | 1.8 | 45.8 | 3.76 | 0.0 | 3.76 | Sums ..... |
| 21 Years means for and including this month ..... | 40.00 | 48.49 | 32.29 | 16.19 | 29.9523 | ..... | ..... | .206 | .1699 | 66.5 | .... | ..... | .... | 6.2 | .. | .. | 51.2 | 1.64 | 6.1 | 2.26 | 21 Years means for and including this month. |

## ANALYSIS OF WIND RECORD.

| Direction..... | N. | N.E. | E. | S.E. | S. | S.W. | W. | N.W. | CALM. |
|---|---|---|---|---|---|---|---|---|---|
| Miles..... | 2264 | 1476 | 197 | 1382 | 693 | 1867 | 848 | 1118 | |
| Duration in hrs.. | 158 | 97 | 29 | 113 | 42 | 120 | 62 | 75 | 24 |
| Mean velocity... | 14.3 | 15.2 | 6.8 | 12.2 | 16.5 | 15.6 | 13.7 | 14.9 | |

Greatest mileage in one hour was 38 on the 15th.

Greatest velocity in gusts 48 miles per hour on the 15th.

Resultant mileage, 1330.
Resultant direction, N. 33¾° W.
Total mileage, 9845.
Average mileage per hour, 13.7.
Slight earthquake shock on 17th at 11.15 a.m., lasting about 10 seconds, travelling in a S.E. direction.

* Barometer readings reduced to sea-level and emperature of 32° Fahrenheit.

§ Observed.

† Pressure of vapour in inches of mercury.

‡ Humidity relative, saturation being 100.

¶ 14 years only.

The greatest heat was 68.6° on the 29th: the greatest cold was 16.0° on the 11th, giving a range of temperature of 52.6 degrees.

Warmest day was the 29th. Coldest day was the 11th. Highest barometer reading was 30.656 on the 27th. Lowest barometer was 29.236 on the 9th, giving a range of 1.420 inches. Maximum relative humidity was 100 on the 8th, 9th and 14th.

Minimum relative humidity was 32 on the 29th.

Rain or snow fell on 12 days.

Auroras were observed on 4 nights, 10th, 11th, 20th and 26th.

Lunar corona on the 2nd.

Fog on 2 days, 8th and 9th.