

## REMARKS ON TORONTO METEOROLOGICAL REGISTER FOR MARCH, 1874

## COMPARATIVE TABLE FOR MARCH.

| YEAR             | TEMPERATURE. |                       |            |            | RAINF. |              | SNOW.   |              | WIND.      |                |
|------------------|--------------|-----------------------|------------|------------|--------|--------------|---------|--------------|------------|----------------|
|                  | Mean.        | Excess above average. | Max. temp. | Min. temp. | Range. | No. of days. | Inches. | No. of days. | Direction. | Mean Velocity. |
| 1836             | 33.1         | + 3.6                 | 49.0       | 8.3        | 41.3   | 9            | 1.965   | 5            | 0          | 0.30 lbs       |
| 1847             | 26.1         | + 3.1                 | 43.9       | 6.6        | 38.3   | 6            | 0.860   | 6            | ...        | 0.71           |
| 1848             | 28.6         | + 0.7                 | 58.0       | 0.0        | 58.0   | 5            | 1.220   | 9            | N 65° W    | 2.03           |
| 1849             | 33.5         | + 4.2                 | 61.0       | 16.1       | 44.9   | 7            | 1.525   | 2            | N 33° W    | 1.46           |
| 1850             | 29.8         | + 0.6                 | 46.5       | 7.2        | 39.3   | 3            | 0.745   | 7            | N 52° W    | 2.62           |
| 1851             | 32.4         | + 3.1                 | 59.3       | 12.0       | 47.3   | 2            | 0.770   | 9            | N 21° W    | 1.93           |
| 1852             | 27.7         | + 1.6                 | 44.8       | 7.4        | 37.4   | 8            | 3.080   | 12           | N 8° W     | 0.71           |
| 1853             | 30.6         | + 1.3                 | 60.3       | 0.0        | 60.3   | 6            | 1.084   | 8            | N 58° W    | 2.86           |
| 1854             | 30.7         | + 1.4                 | 55.1       | 7.4        | 47.7   | 9            | 2.424   | 3            | N 53° W    | 3.39           |
| 1855             | 28.1         | + 0.6                 | 49.4       | 2.8        | 46.6   | 5            | 1.485   | 11           | N 83° W    | 4.70           |
| 1856             | 23.1         | + 6.2                 | 41.4       | -14.0      | 55.4   | 0            | 0.000   | 12           | N 71° W    | 7.68           |
| 1857             | 27.8         | + 1.6                 | 57.0       | -6.5       | 63.5   | 15           | 0.335   | 15           | N 63° W    | 6.03           |
| 1858             | 28.4         | + 0.9                 | 55.4       | -6.5       | 61.9   | 4            | 0.917   | 6            | N 58° W    | 5.45           |
| 1859             | 30.3         | + 7.0                 | 64.2       | 9.8        | 54.4   | 15           | 4.054   | 8            | N 64° W    | 1.96           |
| 1860             | 44.6         | + 5.2                 | 67.0       | 12.8       | 54.2   | 6            | 0.852   | 11           | N 64° W    | 7.61           |
| 1861             | 26.9         | + 2.4                 | 47.4       | -5.2       | 52.6   | 8            | 2.137   | 14           | N 12° W    | 4.33           |
| 1862             | 28.8         | + 0.6                 | 43.2       | -8.0       | 51.2   | 4            | 2.560   | 11           | N 12° W    | 2.50           |
| 1863             | 25.8         | + 3.6                 | 42.2       | -4.0       | 46.2   | 4            | 0.681   | 17           | N 27° W    | 2.02           |
| 1864             | 29.1         | + 0.2                 | 60.2       | 3.0        | 57.2   | 10           | 1.824   | 12           | N 63° W    | 2.29           |
| 1865             | 33.6         | + 4.3                 | 65.6       | 3.6        | 62.0   | 9            | 3.050   | 12           | N 61° W    | 2.10           |
| 1866             | 27.6         | + 1.7                 | 45.8       | 7.6        | 38.2   | 8            | 0.617   | 14           | N 73° W    | 6.84           |
| 1867             | 20.6         | + 2.7                 | 48.8       | 3.0        | 45.8   | 18           | 1.916   | 18           | N 34° W    | 2.12           |
| 1868             | 23.1         | + 0.2                 | 46.8       | -15.6      | 62.4   | 7            | 2.860   | 6            | N 21° W    | 2.86           |
| 1869             | 23.1         | + 0.2                 | 46.8       | -6.4       | 53.2   | 2            | 0.755   | 18           | N 18° E    | 4.73           |
| 1870             | 20.3         | + 3.0                 | 44.0       | -17.0      | 61.0   | 8            | 2.782   | 12           | N 31° W    | 2.59           |
| 1871             | 34.7         | + 6.4                 | 68.6       | 17.0       | 51.6   | 2            | 0.700   | 14           | N 68° W    | 5.36           |
| 1872             | 19.9         | + 9.4                 | 46.4       | -10.8      | 57.2   | 8            | 1.756   | 15           | N 61° W    | 5.01           |
| 1873             | 26.6         | + 2.7                 | 45.0       | -0.0       | 45.0   | 6            | 1.300   | 10           | N 65° W    | 7.47           |
| 1874             | 28.7         | + 0.6                 | 57.0       | 6.6        | 50.4   | 10           | 1.594   | 10           | N 51° W    | 3.40           |
| Residual to 1873 | 20.30        | ...                   | 50.82      | 1.29       | 49.53  | 6.03         | 1.594   | 10           | N 51° W    | 3.40           |
| Excess for '74   | -            | 0.03                  | ...        | + 0.18     | 4.21   | 1.97         | 0.204   | 0.29         | ...        | 4.27           |

Key.—The monthly means do not include Sunday observations. The daily means, excepting those that relate to the wind, are derived from six observations, namely, at 6 A.M., 8 A.M., 12 P.M., 4 P.M., 6 P.M., and midnight. The means and residuals of the wind are from hourly observations.

Highest Barometer..... 30.077 at 7 a.m. on 18th } Monthly range  
Lowest Barometer..... 29.013 at mid on 3rd. } 1.064.

Mean daily range  
Maximum temperature..... 57.0 on 16th. } Monthly range  
Minimum temperature..... 6.6 on 12th. } 50.4.

Mean m-ximum temperature..... 37.15. } Mean daily range  
Mean minimum temperature..... 7.2 on 12th. } 16.93

Greatest daily range..... 30.7 from a.m. to p.m. of 4th.  
Least daily range..... 6.0 from a.m. to p.m. of 17th.

Warmest day..... 18th; mean temperature..... 41.03 } Difference=31.03.  
Coldest day..... 12th; mean temperature..... 10.50 }

Maximum { Solar ..... 11.095 on 21st. } Monthly range  
Radiation { Terrestrial ..... 0.02 on 12th. } 110.3.

No Aurora observed  
Possible to see Aurora on 17 nights; Impassible on 14 nights.

Snowing on 10 days; depth 2.6 inches; duration of fall 34.9 hours.  
Raining on 10 days; depth 1.390 inches; duration of fall 40.3 hours.

Mean of cloudiness, 0.68.  
WIND.

Resultant direction N. 65° W.; resultant velocity 7.47 miles.  
Mean velocity 13.24 miles per hour.

Max. m velocity 37.0 miles, from 4 to 6 p.m. of 11th.  
Most windy day 23rd; mean velocity 20.64 miles per hour.

Least windy day 18th; mean velocity 1.88 miles per hour.  
Most windy hour 3 p.m.; mean velocity 17.05 miles per hour.

Least windy hour 6 a.m.; mean velocity 0.63 miles per hour.

Lunar halos 2nd and 6th. Solar halo on 25th.

Fog on 2nd, 17th, 19th.  
Blue birds seen on 18th.

Robins numerous same day.  
Fay open on 12th; slightly froze over again; clear by 18th.