

## MONTHLY METEOROLOGICAL REGISTER, AT THE PROVINCIAL MAGNETICAL OBSERVATORY, TORONTO, CANADA WEST—MAY, 1856.

Latitude—43 deg. 39.4 min. North. Longitude—79 deg. 21 min. West. Elevation above Lake Ontario, 108 feet

| Day. | Barom. at temp. of 32°. |         |         | Temp of the Air. |        |         | Mean Temp<br>+ or -<br>of the<br>Average. | Tens. of Vapour. |        |         | Humidity of Air. |        |         | Direction of Wind. |        | Mean Direc-<br>tion. | Velocity of Wind. |        |        | in<br>Inches. | Ratio<br>in<br>Inches. |         |
|------|-------------------------|---------|---------|------------------|--------|---------|-------------------------------------------|------------------|--------|---------|------------------|--------|---------|--------------------|--------|----------------------|-------------------|--------|--------|---------------|------------------------|---------|
|      | 10 P.M.                 |         |         | 2 P.M.           |        |         |                                           | 6 A.M.           |        |         | 6 A.M.           |        |         | 2 P.M.             |        |                      | 10 P.M.           |        |        |               |                        |         |
|      | 6 A.M.                  | 2 P.M.  | 10 P.M. | 6 A.M.           | 2 P.M. | 10 P.M. |                                           | 6 A.M.           | 2 P.M. | 10 P.M. | 6 A.M.           | 2 P.M. | 10 P.M. | 6 A.M.             | 2 P.M. |                      | 10 P.M.           | 6 A.M. | 2 P.M. |               |                        | 10 P.M. |
| 1    | 29.858                  | 29.723  | 29.556  | 29.695           | 46.7   | 46.2    | 45.2                                      | 0.10             | 193    | 228     | 279              | 236    | 02      | 74                 | 84     | 77                   | E 4 N             | 24.8   | 24.2   | 16.0          | 20.89                  | 0.790   |
| 2    | 375                     | 357     | 338     | 330.7            | 40.6   | 40.1    | 45.3                                      | —                | 238    | 286     | 265              | 262    | 95      | 83                 | 89     | 92                   | E 23 N            | 17.8   | 10.6   | 7.2           | 10.25                  | 1.195   |
| 3    | 172                     | 341     | 339     | 340.8            | 44.5   | 40.8    | 44.30                                     | —                | 226    | 233     | 226              | 216    | 78      | 64                 | 80     | 70                   | N 10 W            | 10.4   | 11.5   | 12.4          | 11.91                  | ...     |
| 4    | 618                     | 601     | —       | —                | 39.2   | 51.2    | —                                         | —                | 131    | 131     | —                | —      | 54      | 40                 | —      | —                    | N 22 W            | 11.8   | 22.2   | 12.9          | 15.62                  | ...     |
| 5    | 810                     | 398     | —       | —                | 39.2   | 40.2    | 40.0                                      | —                | 342    | 190     | 164              | 179    | 63      | 57                 | 67     | 62                   | E 9 N             | 11.1   | 11.6   | 3.6           | 8.77                   | ...     |
| 6    | 930                     | 815     | 637     | 813.8            | 41.6   | 49.8    | 49.9                                      | —                | 0.05   | 126     | 160              | 225    | 173     | 48                 | 42     | 64                   | E 9 N             | 9.0    | 21.6   | 8.9           | 12.47                  | ...     |
| 7    | 639                     | 569     | 514     | 570.5            | 48.2   | 54.4    | 50.00                                     | —                | 1.58   | 186     | 198              | 190    | 193     | 56                 | 43     | 61                   | E 9 N             | 10.2   | 21.8   | 0.0           | 10.47                  | ...     |
| 8    | 924                     | 524     | 520     | 513.5            | 44.9   | 45.6    | 45.4                                      | —                | 3.68   | 222     | 257              | 261    | 249     | 75                 | 85     | 87                   | E 9 N             | 12.8   | 14.4   | 6.5           | 11.01                  | 330     |
| 9    | 520                     | 545     | 506     | 512.1            | 42.0   | 46.5    | 41.3                                      | —                | 6.05   | 231     | 254              | 250    | 239     | 87                 | 84     | 59                   | E 22 N            | 10.5   | 7.4    | 3.0           | 5.28                   | 695     |
| 10   | 483                     | 509     | 480     | 495.2            | 44.3   | 57.7    | 57.1                                      | —                | 4.97   | 262     | 309              | 229    | 264     | 91                 | 66     | 50                   | E 22 N            | 3.2    | 8.5    | 8.3           | 9.13                   | ...     |
| 11   | 409                     | 455     | —       | —                | 55.6   | 67.5    | —                                         | —                | 361    | 356     | —                | —      | 83      | 54                 | —      | —                    | N 29 W            | 11.4   | 7.2    | 3.5           | 5.39                   | ...     |
| 12   | 486                     | 601     | 716     | 626.2            | 55.5   | 45.8    | 44.8                                      | —                | 0.33   | 254     | 189              | 234    | 223     | 60                 | 62     | 74                   | N 34 W            | 9.6    | 14.5   | 11.4          | 14.21                  | 0.53    |
| 13   | 776                     | 838     | 838     | 829.8            | 41.8   | 47.4    | 45.4                                      | —                | 5.28   | 183     | 227              | 227    | 219     | 70                 | 71     | 82                   | N 11 W            | 5.5    | 9.2    | 4.7           | 6.45                   | ...     |
| 14   | 801                     | 687     | 650     | 712.7            | 46.0   | 59.9    | 51.7                                      | —                | 1.85   | 253     | 347              | 335    | 317     | 82                 | 71     | 80                   | E 16 N            | 6.0    | 8.9    | 1.2           | 4.67                   | ...     |
| 15   | 593                     | 488     | 533     | 538.0            | 51.7   | 62.1    | 60.7                                      | —                | 7.33   | 345     | 383              | 444    | 391     | 91                 | 70     | 86                   | E 14 S            | 8.0    | 8.9    | 1.2           | 4.67                   | ...     |
| 16   | 709                     | 677     | 641     | 670.6            | 46.7   | 57.1    | 46.0                                      | —                | 1.00   | 307     | 335              | 209    | 242     | 97                 | 73     | 69                   | N 30 S            | 0.0    | 16.1   | 10.5          | 9.14                   | 125     |
| 17   | 608                     | 494     | 369     | 436.5            | 45.6   | 58.1    | 55.6                                      | —                | 2.27   | 200     | 284              | 302    | 302     | 68                 | 60     | 90                   | N 11 W            | 13.6   | 4.0    | 13.8          | 7.25                   | 2.135   |
| 18   | 361                     | 433     | —       | —                | 56.7   | 57.6    | —                                         | —                | 423    | 447     | —                | —      | 34      | 90                 | —      | —                    | E 12 W            | 4.2    | 10.2   | 10.5          | 8.88                   | 0.25    |
| 19   | 401                     | 296     | 276     | 321.0            | 52.1   | 61.8    | 60.0                                      | —                | 5.23   | 372     | 437              | 276    | 361     | 97                 | 81     | 54                   | E 37 N            | 2.0    | 14.6   | 10.3          | 9.92                   | ...     |
| 20   | 388                     | 450     | 505     | 501.2            | 53.8   | 64.3    | 49.9                                      | —                | 3.48   | 327     | 217              | 149    | 227     | 75                 | 42     | 41                   | E 32 W            | 4.2    | 10.2   | 10.5          | 8.88                   | ...     |
| 21   | 736                     | 730     | 778     | 761.3            | 45.6   | 51.3    | 48.5                                      | —                | 3.73   | 152     | 223              | 223    | 208     | 51                 | 60     | 65                   | N 20 S            | 15.4   | 20.5   | 11.2          | 13.84                  | ...     |
| 22   | 850                     | 775     | 773     | 769.3            | 46.0   | 61.0    | 50.0                                      | —                | 0.18   | 999     | 310              | 240    | 253     | 68                 | 58     | 68                   | N 19 W            | 8.4    | 9.0    | 10.1          | 7.70                   | ...     |
| 23   | 647                     | 580     | 652     | 610.0            | 56.0   | 74.3    | 61.4                                      | —                | 0.75   | 304     | 391              | 501    | 395     | 69                 | 48     | 93                   | N 28 W            | 15.4   | 20.5   | 11.2          | 13.84                  | ...     |
| 24   | 473                     | 487     | —       | —                | 60.7   | 80.1    | —                                         | —                | 399    | 443     | —                | —      | 53      | 45                 | —      | —                    | S 17 W            | 8.4    | 9.0    | 10.1          | 7.70                   | ...     |
| 25   | 581                     | 415     | —       | —                | 45.0   | 54.2    | —                                         | —                | 162    | 187     | —                | —      | 77      | 44                 | —      | —                    | S 41 W            | 0.0    | 4.8    | 2.0           | 0.324                  | 110     |
| 26   | 694                     | 624     | 539     | 613.2            | 51.0   | 69.5    | 63.5                                      | —                | 2.63   | 267     | 256              | 345    | 293     | 73                 | 36     | 80                   | S 37 W            | 1.5    | 15.2   | 10.0          | 7.23                   | ...     |
| 27   | 436                     | 307     | 186     | 295.2            | 40.9   | 57.4    | 51.0                                      | —                | 2.18   | 279     | 363              | 341    | 321     | 79                 | 79     | 91                   | S 17 W            | 10.0   | 4.8    | 2.0           | 0.324                  | ...     |
| 28   | 125                     | 201     | 342     | 292.2            | 54.6   | 60.1    | 49.0                                      | —                | 2.17   | 383     | 340              | 233    | 306     | 91                 | 60     | 74                   | S 41 W            | 2.9    | 24.4   | 0.0           | 12.93                  | 855     |
| 29   | 320                     | 554     | 446     | 382.0            | 45.2   | 43.4    | 37.0                                      | —                | 19.53  | 228     | 256              | 167    | 215     | 76                 | 92     | 64                   | N 32 W            | 0.0    | 4.8    | 2.0           | 0.324                  | ...     |
| 30   | 1530                    | 593     | 702     | 619.8            | 40.2   | 45.2    | 37.3                                      | —                | 15.23  | 216     | 136              | 104    | 167     | 88                 | 45     | 87                   | N 45 W            | 10.5   | 20.4   | 6.8           | 13.22                  | 0.030   |
| 31   | 786                     | 697     | 692     | 71.0             | 39.1   | 62.3    | 55.5                                      | —                | 4.88   | 160     | 224              | 208    | 225     | 67                 | 41     | 63                   | N 28 W            | 11.2   | 17.3   | 7.1           | 10.42                  | 100     |
| M    | 29.5960                 | 29.5770 | 29.5700 | 29.5322          | 46.89  | 54.95   | 50.62                                     | —                | 0.96   | 242     | 264              | 263    | 259     | 75                 | 64     | 75                   | N 4 E             | 8.55   | 13.59  | 7.23          | 9.81                   | 4.680   |