MONTHLY METEOROLOGICAL REGISTER, AT THE MAGNETICAL OBSERVATORY, TORONTO, ONTARIO—JUNE, 1877.

*Latitude*—43° 39′4 *North*. *Longitude*—5*h*. 17*m*. 33*s*. *West*. *Elevation above Lake Ontario*, 108 *feet*.

| Day. | Barom. at temp. of 32°. 6 A.M. | 2 P.M. | 10 P.M. | Mean. | Temp. of the Air. 6 A.M. | 2 P.M. | 10 PM | MEAN | Excess of Mean above Av'rage. | Tension of Vapour. 6 A.M. | 2 P.M. | 10 P.M. | M'N. | Humidity of Air. 6 A.M. | 2 P.M. | 10 P.M. | M'N. | Direction of Wind. 6 A.M. | 2 P.M. | 10 P.M. | Resultant. | Velocity of Wind. 6 A.M | 2 P.M. | 10 P.M. | Result't | MEAN | Rain in inches. | Snow in inches. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | ° | ° | ° | ° | | | | | | | | | | | | | ° | | | | | | | |
| 1 | 29.723 | 29.713 | 29.673 | 29.7073 | 59.6 | 73.0 | 64.7 | 65.03 | + 7.53 | .401 | .426 | .345 | .387 | 78 | 52 | 56 | 63 | N E | E | E | S 78 E | 1.0 | 8.0 | 5.0 | 4.65 | 5.24 | ... | ... |
| 2 | .666 | .629 | .607 | .6263 | 58.5 | 67.6 | 58.6 | 63.12 | + 5.32 | .403 | .585 | .480 | .490 | 82 | 87 | 97 | 84 | E | S | S | S 76 E | 1.2 | 4.5 | 0.5 | 1.66 | 2.70 | .080 | ... |
| 3 | .560 | .420 | .480 | .4817 | 59.0 | 72.0 | 59.0 | 63.67 | + 5.53 | — | — | — | — | — | — | — | — | E | S E | N W | S 61 W | 1.0 | 4.6 | 12.5 | 1.28 | 5.11 | .080 | ... |
| 4 | .503 | .506 | .544 | .5193 | 53.5 | 67.9 | 52.1 | 58.55 | + 0.08 | .322 | .302 | .288 | .311 | 78 | 44 | 73 | 65 | W | W | N W | N 77 W | 2.4 | 20.0 | 2.0 | 9.26 | 9.67 | ... | ... |
| 5 | .509 | .468 | .418 | .4578 | 50.6 | 59.3 | 50.6 | 54.32 | — 4.45 | .285 | .321 | .307 | .311 | 77 | 64 | 83 | 74 | N | E | N E | N 64 E | 2.6 | 6.0 | 5.0 | 3.80 | 4.92 | ... | ... |
| 6 | .405 | .428 | .514 | .4548 | 54.2 | 69.0 | 55.3 | 60.42 | + 1.33 | .346 | .361 | .364 | .354 | 82 | 51 | 83 | 68 | N | E | N | N 48 E | 7.7 | 11.5 | 3.0 | 5.90 | 7.87 | ... | ... |
| 7 | .516 | .499 | .515 | .5118 | 59.3 | 65.8 | 59.3 | 62.17 | + 2.77 | .322 | .428 | .441 | .419 | 64 | 67 | 87 | 75 | N | S E | E | N 66 E | 11.5 | 10.5 | 5.0 | 5.37 | 8.22 | ... | ... |
| 8 | .660 | .518 | .456 | .4997 | 53.5 | 69.4 | 62.7 | 62.67 | + 2.93 | .399 | .481 | .419 | .445 | 97 | 67 | 74 | 79 | E | E | E | S 82 E | 0.3 | 7.7 | 6.5 | 4.06 | 4.46 | ... | ... |
| 9 | .359 | .274 | .106 | .2422 | 60.4 | 67.6 | 65.6 | 65.05 | + 5.02 | .501 | .629 | .525 | .549 | 95 | 93 | 83 | 88 | S E | S | S | S 3 E | 5.6 | 5.2 | 20.0 | 7.26 | 8.33 | .050 | ... |
| 10 | .250 | .446 | .580 | .4533 | 53.0 | 61.0 | 62.0 | 55.33 | — 5.03 | — | — | — | — | — | — | — | — | W | W | W | S 72 W | 20.0 | 22.0 | 7.0 | 13.19 | 13.40 | .020 | ... |
| 11 | .701 | .688 | .658 | .6795 | 48.0 | 57.6 | 49.9 | 52.87 | — 7.83 | .252 | .279 | .242 | .262 | 74 | 58 | 69 | 66 | N | E | N E | N 81 E | 4.0 | 11.5 | 7.5 | 5.73 | 7.02 | ... | ... |
| 12 | .689 | .711 | .704 | .6978 | 52.1 | 56.8 | 53.5 | 54.90 | — 6.10 | .307 | .367 | .376 | .369 | 79 | 79 | 92 | 86 | E | E | S W | S 40 E | 2.7 | 5.0 | 4.5 | 3.59 | 5.27 | .030 | ... |
| 13 | .738 | .620 | .636 | .6675 | 52.8 | 70.8 | 62.2 | 62.70 | + 1.37 | .364 | .387 | .426 | .400 | 91 | 52 | 76 | 72 | N E | S | N | S 14 W | 3.4 | 18.0 | 3.0 | 4.29 | 7.56 | ... | ... |
| 14 | .731 | .694 | .709 | .7133 | 58.9 | 68.3 | 62.2 | 63.78 | + 2.12 | .384 | .495 | .488 | .467 | 77 | 71 | 87 | 79 | N | S E | E | S 57 E | 1.5 | 8.0 | 4.0 | 2.25 | 4.75 | .030 | ... |
| 15 | .703 | .671 | .523 | .5905 | 62 2 | 71.2 | 64.1 | 65.72 | + 3.73 | .503 | .558 | .544 | .531 | 89 | 78 | 91 | 84 | E | S E | S W | S 10 E | 3.0 | 10.5 | 9.2 | 4.43 | 7.15 | .050 | ... |
| 16 | .450 | .506 | .619 | .5342 | 63.6 | 74.8 | 57.8 | 65.47 | + 3.17 | .565 | .442 | .414 | .472 | 96 | 51 | 86 | 76 | S W | N W | N W | N 76 W | 5.0 | 21.0 | 2.0 | 7.40 | 9.56 | ... | ... |
| 17 | .690 | .740 | .720 | .7217 | 56.0 | 73.0 | 60.0 | 64.00 | + 1.39 | — | — | — | — | — | — | — | — | N | S | S | S 74 W | 8.0 | 10.5 | 1.0 | 1.23 | 5.88 | ... | ... |
| 18 | .680 | .506 | .440 | .5267 | 57.8 | 66.7 | 65.4 | 64.33 | + 1.42 | .388 | .417 | .514 | .451 | 81 | 64 | 82 | 75 | N E | E | S W | S 39 E | 2.0 | 11.0 | 3.0 | 3.27 | 5.18 | ... | ... |
| 19 | .513 | .668 | .794 | .6717 | 69.0 | 70.5 | 56.0 | 65.10 | + 1.88 | .374 | .329 | .269 | .307 | 52 | 44 | 60 | 50 | N W | N W | N | N 36 W | 18.5 | 21.0 | 8.0 | 12.29 | 13.06 | ... | ... |
| 20 | .840 | .769 | .526 | .7020 | 56.0 | 62.2 | 55.3 | 57.70 | — 5.82 | .184 | .179 | .173 | .201 | 40 | 32 | 39 | 43 | N E | E | N E | N 73 E | 10.5 | 13.0 | 4.6 | 8.87 | 10.13 | R | ... |
| 21 | .418 | .327 | .425 | .3912 | 55.0 | 66.1 | 54.6 | 59.18 | — 4.02 | .335 | .599 | .362 | .438 | 77 | 93 | 85 | 85 | N W | S | W | N 53 W | 0.8 | 3.8 | 5.5 | 3.60 | 5.28 | .230 | ... |
| 22 | .582 | .675 | .741 | .6762 | 52.8 | 61.4 | 53.5 | 56.27 | + 7.83 | .267 | .239 | .248 | .241 | 66 | 44 | 60 | 54 | N W | N W | N | N 36 W | 21.0 | 16.0 | 5.5 | 13.79 | 14.00 | ... | ... |
| 23 | .774 | .620 | .568 | .6227 | 51.0 | 68.3 | 56.0 | 59.18 | — 5.20 | .246 | .340 | .225 | .283 | 65 | 49 | 49 | 57 | N W | S E | W | S 15 W | 2.0 | 10.0 | 3.0 | 3.89 | 6.49 | ... | ... |
| 24 | .460 | .380 | .310 | .3717 | 56.0 | 75.0 | 71.0 | 68.00 | + 3.37 | — | — | — | — | — | — | — | — | N | S | W | S 17 W | 0.6 | 15.0 | 3.2 | 4.65 | 6.36 | R | ... |
| 25 | .426 | .432 | .491 | .4438 | 65.0 | 85.0 | 66.5 | 73.47 | + 8.57 | .559 | .284 | .407 | .413 | 91 | 23 | 62 | 55 | S W | W | E | N 76 W | 5.6 | 20.0 | 3.0 | 5.81 | 9.00 | ... | ... |
| 26 | .515 | .527 | .553 | .5357 | 64.0 | 59.4 | 58.9 | 61.88 | — 3.25 | .427 | .464 | .440 | .442 | 71 | 91 | 88 | 80 | W | N E | S E | S 88 E | 0.2 | 4.5 | 3.4 | 2.17 | 3.37 | .190 | ... |
| 27 | .606 | .621 | .630 | .6270 | 61.4 | 70.5 | 62.5 | 66.37 | + 0.98 | .462 | .404 | .363 | .424 | 85 | 54 | 64 | 66 | N | S E | E | S 84 E | 3.6 | 8.0 | 3.2 | 2.39 | 6.08 | ... | ... |
| 28 | .645 | .650 | .627 | .6375 | 60.0 | 69.4 | 61.8 | 65.35 | — 0.30 | .370 | .422 | .457 | .416 | 71 | 58 | 83 | 67 | N | N E | S | S 83 E | 2.5 | 5.8 | 2.6 | 1.97 | 3.61 | .050 | ... |
| 29 | .649 | .521 | .538 | .5530 | 57.8 | 71.7 | 63.2 | 65.22 | — 0.65 | .437 | .570 | .524 | .510 | 91 | 73 | 90 | 82 | N E | S W | S W | S 15 W | 1.4 | 20.0 | 3.8 | 6.40 | 7.46 | R | ... |
| 30 | .651 | .380 | .281 | .3947 | 64.0 | 75.2 | 68.3 | 69.93 | + 3.82 | .539 | .655 | .631 | .604 | 90 | 75 | 91 | 83 | S E | S | S W | S 10 E | 6.6 | 12.8 | 3.6 | 4.83 | 6.03 | .040 | ... |
| | 29.5804 | 29.5497 | 29.5442 | 29.5571 | 57.52 | 68.24 | 59.42 | 62.36 | + 0.25 | .382 | .422 | .395 | .404 | 78 | 62 | 77 | 71 | ..... | ..... | ..... | ..... | 5.21 | 11.51 | 5.00 | ..... | 7.11 | .900 | ... |