

MONTHLY METEOROLOGICAL REGISTER, ST. MARTINS, ISLE JESUS, CANADA EAST, (NINE MILES WEST OF MONTREAL), FOR THE MONTH OF JUNE, 1860.

Latitude, 45 degrees 32 minutes North. Longitude, 73 degrees 36 minutes West. Height above the level of the Sea, 118 feet.

BY CHARLES SMALLWOOD, M.D., LL.D.

| Day of Month | Barometer—corrected and reduced to 32° F. (English inches.) | | | Temperature of the Air.—F. | | | Tension of Aqueous Vapour. | | | Humidity of the Atmosphere. | | | Direction of Wind. | | | Horizontal Movement in 24 hours, in miles. | OZONE. Mean amount of, in inches. | RAIN. Amount of, in inches. | SNOW. Amount of, in inches. | WEATHER, CLOUDS, REMARKS, &c. &c. | | |
|--------------|---|---------|----------|----------------------------|---------|----------|----------------------------|---------|----------|-----------------------------|---------|----------|--------------------|-------------|-------------|--|-----------------------------------|-----------------------------|-----------------------------|-----------------------------------|----------------------------------|----------|
| | [A cloudy sky is represented by 10, a cloudless one by 0.] | | | | | | | | | | | | | | | | | | | | | |
| | 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 | 29.571 | 29.603 | 29.722 | 58.5 | 67.1 | 68.1 | .423 | .373 | .279 | .88 | .54 | .84 | N. | N. E. by N. | E. by N. | 153.50 | 2.0 | | Cu. Str. 8. | Cu. Str. 4. | C. C. Str. 8. | |
| 2 | 758 | 580 | 609 | 44.9 | 76.7 | 58.9 | .211 | .470 | .358 | .72 | .52 | .73 | S. E. | S. S. W. | E. by E. | 10.88 | 2.0 | | Fog. | Cum. 2. | Clear. | |
| 3 | 679 | 523 | 523 | 54.6 | 79.6 | 69.4 | .328 | .501 | .430 | .77 | .51 | .61 | S. by E. | S. by E. | S. by E. | 62.80 | 1.0 | | Heavy Dew | Clear. | Clear. | |
| 4 | 420 | 301 | 281 | 64.1 | 84.7 | 69.4 | .373 | .476 | .430 | .62 | .42 | .61 | S. E. by E. | S. S. E. | S. S. E. | 114.10 | 1.0 | | Clear. | Clear. | Clear. | |
| 5 | 242 | 271 | 406 | 66.4 | 69.2 | 63.2 | .451 | .402 | .473 | .88 | .65 | .83 | N. E. by E. | S. S. E. | S. by E. | 191.50 | 2.0 | | C. C. Str. 9 | C. C. Str. 10. | Cu. Str. 10. | |
| 6 | 468 | 396 | 438 | 60.0 | 79.2 | 67.0 | .456 | .405 | .463 | .88 | .47 | .83 | N. E. by E. | N. E. by E. | N. E. by E. | 62.80 | 2.5 | | Clear. | Clear. | Clear. | |
| 7 | 399 | 304 | 312 | 62.9 | 78.9 | 63.0 | .379 | .507 | .478 | .66 | .52 | .83 | N. E. by E. | N. E. by E. | W. by S. | 128.60 | 2.0 | | Clear. | Clear. | Nim. 10. | |
| 8 | 322 | 314 | 394 | 59.0 | 68.6 | 69.1 | .410 | .467 | .410 | .82 | .69 | .82 | S. S. W. | S. by W. | S. by W. | 245.70 | 2.0 | 0.562 | Cu. Str. 10. | St. 2. | Clear. | |
| 9 | 419 | 417 | 471 | 55.0 | 69.9 | 57.0 | .370 | .466 | .359 | .84 | .63 | .73 | S. by W. | N. W. | N. W. | 119.90 | 1.5 | | Clear. | Cu. Str. 4. | Cu. Str. 9. | |
| 10 | 499 | 537 | 624 | 53.1 | 89.5 | 58.6 | .321 | .433 | .357 | .80 | .55 | .79 | N. W. | N. W. | N. by W. | 124.60 | 4.0 | Inapp. | Clear. | Nimb. 10. | Clear. | |
| 11 | 641 | 628 | 724 | 54.1 | 73.5 | 62.4 | .335 | .338 | .453 | .80 | .41 | .80 | N. by W. | N. by E. | N. | 134.10 | 1.0 | | Clear. | Clear. | Clear. | |
| 12 | 752 | 854 | 783 | 50.4 | 80.1 | 65.4 | .285 | .567 | .509 | .75 | .57 | .81 | E. by S. | S. | E. S. E. | 15.10 | 1.5 | | Clear. | Clear. | Clear. | |
| 13 | 870 | 748 | 800 | 62.0 | 90.9 | 71.0 | .489 | .744 | .442 | .75 | .52 | .59 | E. by S. | S. E. by E. | S. E. | 122.20 | 2.5 | | Clear. | Clear. | Clear. | |
| 14 | 801 | 763 | 770 | 69.0 | 91.0 | 71.0 | .496 | .536 | .503 | .70 | .37 | .66 | S. W. by S. | S. W. | S. W. by E. | 37.00 | 1.0 | | Clear. | Clear. | Clear. | |
| 15 | 730 | 700 | 707 | 65.4 | 85.0 | 84.2 | .483 | .577 | .897 | .78 | .49 | .53 | S. S. W. | S. W. | W. S. W. | 10.60 | 1.5 | | Clear. | Solar Halo. | C. C. Str. 2. | |
| 16 | 814 | 824 | 906 | 63.0 | 82.1 | 65.6 | .422 | .610 | .542 | .75 | .54 | .87 | S. E. | N. E. by E. | N. E. by E. | 84.90 | 2.5 | Inapp. | Cu. Str. 4. | Cir. 4. Solar Halo. | C. C. Str. 4. distant lightning. | |
| 17 | 884 | 914 | 936 | 64.0 | 89.4 | 61.2 | .483 | .594 | .464 | .73 | .64 | .77 | N. E. by E. | S. E. by S. | S. E. by E. | 105.10 | 2.5 | | Clear. | Cu. Str. 2. | Cu. Str. 2. | |
| 18 | 886 | 738 | 728 | 70.0 | 84.5 | 71.0 | .586 | .584 | .572 | .80 | .50 | .66 | S. E. | S. E. | S. E. by E. | 23.70 | 2.0 | | Clear. | Cu. Str. 4. | Cu. Str. 8. | |
| 19 | 604 | 601 | 614 | 66.0 | 78.4 | 59.1 | .542 | .684 | .439 | .87 | .69 | .88 | S. E. by E. | S. S. E. | N. E. | 0.50 | 2.0 | 0.403 | Clear. | C. C. Str. 2. dist. thunder | Clear. | |
| 20 | 894 | 614 | 717 | 58.2 | 52.1 | 54.2 | .446 | .460 | .390 | .90 | .55 | .93 | N. N. E. | N. E. by E. | N. E. by E. | 249.90 | 3.0 | 0.271 | Cu. Str. 10. | Clear. | Rain. | |
| 21 | 914 | 924 | 941 | 52.7 | 72.9 | 60.1 | .328 | .390 | .367 | .83 | .50 | .71 | N. E. by E. | N. N. E. | S. E. by E. | 157.10 | 3.5 | 0.600 | Clear. | C. C. Str. 10. dist. lightning. | Clear. | |
| 22 | 974 | 957 | 914 | 62.0 | 82.6 | 65.0 | .406 | .604 | .490 | .74 | .54 | .81 | S. S. E. | N. N. E. | N. W. by W. | 33.10 | 2.0 | | Clear. | C. C. Str. 4. | Clear. | |
| 23 | 904 | 900 | 30.000 | 61.5 | 77.2 | 63.0 | .449 | .587 | .517 | .85 | .63 | .91 | W. S. W. | E. S. E. | S. W. by W. | 28.60 | 1.5 | Inapp. | C. C. Str. 10. | C. C. Str. 10. dist. lightning. | Cu. Str. 2. | |
| 24 | 30.114 | 30.101 | 104 | 64.1 | 85.5 | 66.1 | .464 | .570 | .502 | .77 | .47 | .78 | S. S. E. | S. S. W. | S. S. W. | 13.90 | 1.5 | | Clear. | Clear. | 4 comet visible. | |
| 25 | 059 | 004 | 29.930 | 66.3 | 80.3 | 72.1 | .536 | .558 | .631 | .84 | .50 | .81 | S. S. W. | W. S. W. | W. S. W. | 80.60 | 1.5 | | Clear. | Clear. | Clear. | |
| 26 | 29.847 | 29.899 | 897 | 69.3 | 79.7 | 68.6 | .635 | .606 | .483 | .90 | .60 | .78 | W. S. W. | W. S. W. | N. by W. | 76.35 | 3.0 | 0.597 | Cu. Str. 10. | C. C. Str. 4. | Cu. Str. 10. | |
| 27 | 30.021 | 29.440 | 501 | 60.3 | 79.7 | 61.6 | .426 | .644 | .390 | .82 | .64 | .74 | N. E. | W. | W. S. W. | 89.60 | 1.5 | | Clear. | Clear. | Clear. | |
| 28 | 29.807 | 745 | 543 | 64.2 | 72.8 | 71.1 | .464 | .355 | .572 | .77 | .32 | .76 | S. W. | W. S. W. | S. S. W. | 102.10 | 1.5 | Inapp. | Cu. Str. 10. | Cu. Str. 4. | C. C. Str. 4. | |
| 29 | 470 | 367 | 538 | 76.3 | 77.0 | 72.1 | .652 | .799 | .771 | .73 | .66 | .95 | S. W. by S. | W. by N. | S. S. W. | 149.90 | 3.9 | 0.116 | Cu. Str. 4. | Clear. | C. C. Str. 4. | |
| 30 | 550 | 597 | 754 | 70.2 | 78.4 | 65.0 | .628 | .342 | .307 | .88 | .36 | .51 | S. W. | W. by S. | W. N. W. | 158.30 | 2.0 | | Clear. | Clear. | Cu. Str. 8. | |

REPORT FOR THE MONTH OF JULY, 1860.

| Day of Month | Barometer—corrected and reduced to 32° F. (English inches.) | | | Temperature of the Air.—F. | | | Tension of Aqueous Vapour. | | | Humidity of the Atmosphere. | | | Direction of Wind. | | | Horizontal Movement in 24 hours, in miles. | OZONE. Mean amount of, in inches. | RAIN. Amount of, in inches. | SNOW. Amount of, in inches. | WEATHER, CLOUDS, REMARKS, &c. &c. | | |
|--------------|---|---------|----------|----------------------------|---------|----------|----------------------------|---------|----------|-----------------------------|---------|----------|--------------------|-------------|----------|--|-----------------------------------|-----------------------------|-----------------------------|-----------------------------------|--------------------------------|----------|
| | [A cloudy sky is represented by 10, a cloudless one by 0.] | | | | | | | | | | | | | | | | | | | | | |
| | 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 | 29.867 | 29.817 | 29.866 | 61.0 | 74.1 | 60.6 | .325 | .568 | .338 | .61 | .67 | .65 | S. W. | W. by N. | W. by S. | 34.64 | 1.0 | | Clear. | Cir. 4. | Clear. | |
| 2 | 899 | 822 | 841 | 52.6 | 81.6 | 63.2 | .354 | .638 | .386 | .90 | .33 | .67 | W. S. W. | N. W. by W. | S. by W. | 22.20 | 1.5 | | Clear. | Clear. | Cu. Str. 4. | |
| 3 | 794 | 693 | 635 | 65.0 | 86.3 | 71.0 | .389 | .448 | .592 | .63 | .36 | .76 | S. by W. | S. W. | S. by W. | 252.60 | 1.0 | | Clear. | C. C. Str. 8 | Cir. Str. 8. Comet seen. | |
| 4 | 687 | 712 | 687 | 61.1 | 76.1 | 59.0 | .413 | .273 | .317 | .77 | .30 | .62 | E. S. E. | E. S. E. | S. S. E. | 83.40 | 1.0 | | Clear. | Clear. | C. C. Str. 10. Hazy. | |
| 5 | 619 | 675 | 707 | 57.2 | 75.9 | 58.2 | .322 | .477 | .394 | .69 | .54 | .82 | N. E. by E. | S. E. by S. | W. S. W. | 20.00 | 1.0 | | Cu. Str. 10. | C. C. Str. 4. | Str. 2. | |
| 6 | 895 | 814 | 876 | 65.1 | 83.2 | 62.7 | .366 | .376 | .416 | .60 | .33 | .72 | S. E. by S. | E. S. E. | S. E. | 97.00 | 1.5 | | Clear. | Clear. | Clear. | |
| 7 | 835 | 849 | 818 | 67.0 | 85.8 | 68.0 | .409 | .487 | .431 | .75 | .40 | .66 | S. E. | S. S. W. | S. S. E. | 45.00 | 1.5 | | Clear. | Thunder. | Cir. 4. | |
| 8 | 751 | 644 | 521 | 58.6 | 81.6 | 66.9 | .423 | .362 | .406 | .88 | .34 | .77 | S. S. E. | S. S. E. | S. by E. | 169.60 | 2.0 | | Clear. | Clear. | Cu. Str. 6. | |
| 9 | 396 | 353 | 531 | 69.8 | 77.6 | 67.7 | .665 | .608 | .556 | .92 | .67 | .84 | S. S. E. | S. W. | W. S. W. | 231.20 | 3.0 | 0.330 | Rain. | Cu. Str. 10. | Clear. | |
| 10 | 832 | 741 | 743 | 57.0 | 64.1 | 57.0 | .350 | .464 | .429 | .75 | .77 | .91 | S. W. by W. | W. by N. | W. by S. | 224.70 | 3.0 | | Cu. Str. 8. | C. C. Str. 10. | Clear. | |
| 11 | 892 | 850 | 872 | 52.1 | 68.9 | 57.8 | .308 | .313 | .232 | .79 | .45 | .88 | W. N. W. | N. W. | N. N. W. | 233.60 | 1.5 | | Heavy dew, clear. | Cu. Str. 2. | Clear. | |
| 12 | 940 | 817 | 944 | 56.0 | 77.1 | 63.7 | .370 | .422 | .471 | .84 | .46 | .81 | N. W. by N. | S. W. | W. | 46.80 | 1.5 | | Clear. | Clear. | Clear. | |
| 13 | 887 | 870 | 900 | 64.1 | 82.3 | 69.1 | .376 | .425 | .496 | .89 | .39 | .70 | S. S. W. | N. by W. | W. S. W. | 38.04 | 2.0 | | Clear. | Clear. | Clear. | |
| 14 | 849 | 838 | 832 | 67.5 | 87.9 | 70.1 | .489 | .543 | .482 | .75 | .42 | .66 | W. S. W. | S. W. | S. S. W. | 96.10 | 2.0 | | Clear. | Cir. St. 4. | Clear. | |
| 15 | 816 | 735 | 770 | 66.9 | 89.0 | 73.5 | .438 | .569 | .525 | .68 | .42 | .61 | S. W. | S. W. | S. W. | 65.60 | 2.0 | | Clear. | Clear. | Cu. Str. 9. | |
| 16 | 776 | 517 | 604 | 68.6 | 84.2 | 62.0 | .809 | .545 | .586 | .81 | .47 | .92 | S. W. | W. S. W. | W. N. W. | 79.50 | 1.5 | 1.880 | Cu. Str. 4. | Cu. Str. 6. | Clear. | |
| 17 | 832 | 827 | 914 | 60.0 | 72.9 | 65.0 | .338 | .383 | .458 | .85 | .48 | .75 | W. N. W. | W. by N. | W. by N. | 125.99 | 3.5 | | Clear. | C. C. Str. 4. | Clear. | |
| 18 | 821 | 784 | 690 | 62.3 | 84.2 | 69.2 | .399 | .470 | .503 | .72 | .40 | .66 | S. S. W. | S. S. W. | S. W. | 53.20 | 2.0 | | Clear. | C. C. Str. 4. | Clear. | |
| 19 | 683 | 594 | 680 | 70.2 | 88.4 | 74.6 | .621 | .650 | .497 | .85 | .49 | .59 | S. W. | W. by S. | S. S. W. | 17.90 | 2.0 | | Cu. Str. 8. | C. C. Str. 8. | Cu. Str. 6. Aurora Borealis. | |
| 20 | 826 | 809 | 602 | 64.7 | 81.0 | 68.9 | .458 | .510 | .536 | .75 | .48 | .77 | S. S. W. | W. by S. | S. W. | 78.80 | 2.5 | | Clear. | Clear. | Cu. Str. 6. Distant Lightning. | |
| 21 | 419 | 371 | 372 | 63.4 | 67.9 | 65.3 | .409 | .484 | .328 | .92 | .87 | .77 | S. S. W. | W. | W. by W. | 60.30 | 3.0 | 0.440 | Clear. | Rain. | Clear. | |
| 22 | 748 | 777 | 676 | 50.9 | 71.4 | 60.3 | .302 | .503 | .345 | .82 | .66 | .68 | W. N. W. | W. by N. | W. by N. | 220.40 | 1.5 | | Clear. | Clear. | Clear. | |
| 23 | 421 | 323 | 632 | 61.0 | 68.6 | 44.9 | .413 | .443 | .275 | .77 | .65 | .92 | S. by W. | W. by N. | W. | 232.20 | 2.0 | 1.055 | C. C. Str. 6. | Cu. Str. 6. | Clear. | |
| 24 | 612 | 566 | 739 | 51.0 | 64.2 | 55.8 | .296 | .403 | .365 | .79 | .68 | .76 | S. W. | S. W. | S. W. | 151.70 | 3.0 | 1.250 | Clear. | Clear. | Clear. | |
| 25 | 861 | 824 | 856 | 51.3 | 78.0 | 62.9 | .321 | .514 | .429 | .88 | .54 | .78 | S. W. | S. W. | S. S. W. | 31.20 | 2.0 | | Fog. | Clear. | Clear. | |
| 26 | 503 | 614 | 703 | 63.1 | 71.3 | 64.0 | .517 | .403 | .536 | .81 | .54 | .92 | S. S. E. | S. S. W. | S. S. W. | 90.40 | 2.5 | 0.706 | Cu. Str. 4. | Nim. 10. | Cu. Str. 10. thunder. | |
| 27 | 878 | 840 | 30.007 | 53.7 | 68.2 | 56.6 | .291 | .568 | .388 | .89 | .67 | .69 | N. by W. | N. N. E. | N. by W. | 125.40 | 1.5 | | Clear. | Clear. | Clear. | |
| 28 | 991 | 967 | 29.978 | 47.5 | 74.2 | 65.0 | .463 | .483 | .477 | .78 | .66 | .95 | W. | S. W. | S. W. | 18.30 | 1.0 | | Clear. | Clear. | Clear. | |
| 29 | 779 | 685 | 612 | 65.6 | 70.0 | 59.1 | .463 | .483 | .477 | .78 | .66 | .95 | S. S. W. | S. S. E. | S. S. E. | 99.90 | 2.0 | Inapp. | Cu. Str. 8. | Cu. Str. 10. | Nim. 10. | |
| 30 | 626 | 601 | 698 | 64.2 | 80.3 | 62.4 | .461 | .599 | .399 | .77 | .59 | .72 | W. S. W. | S. S. W. | W. | 78.80 | 1.0 | | Clear. | Clear. | Clear. | |
| 31 | 701 | 698 | 744 | 56.6 | 72.1 | 58.3 | .413 | .524 | .338 | .90 | .66 | .77 | S. S. W. | W. S. W. | W. | 131 | | | | | | |