# MONTHLY METEOROLOGICAL REGISTER, ST. MARTIN, ISLE JESUS, CANADA EAST—JANUARY, 1859.

(NINE MILES WEST OF MONTREAL.)

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

*Latitude—45 deg. 32 min. North. Longitude—73 deg, 36 min. West. Height above the Level of the Sea—118 feet.*

| Day. | Barom. corrected and reduced to 32° Fahr. 6 A.M. | 2 P.M. | 10 P.M. | Temp. of the Air. 6 A. M. | 2 P. M. | 10 P. M. | Tension of Vapor. 6 A.M. | 2 P.M. | 10 P.M. | Humidity of Air. 6A.M. | 2P.M. | 10P.M. | Direction of Wind. 6 A.M. | 2 P.M. | 10 P. M. | Velocity in miles per hour. 6A.M. | 2P.M. | 10PM | Mean direction of Wind. | Rain in Inches. | Snow in Inches. | WEATHER, &c. A cloudy sky is represented by 10; A cloudless sky by 0. 6 A.M. | 2 P.M. | 10 P. M. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 29.662 | 29.714 | 29.931 | 32.0 | 39.0 | 21.7 | .162 | .216 | .090 | .89 | .91 | .78 | W S W | W S W | N W b N | 2.41 | 5.23 | 19.90 | ... | ... | ... | C St. 8. | C. St. 6. | Clear. |
| 2 | 30.169 | 30.225 | 30.374 | 7.1 | 21.6 | - 0.4 | .045 | .080 | .036 | .76 | .71 | .82 | N N W | S S W | E S E | 13.40 | 0.72 | 1.04 | ... | ... | ... | St. 8. | Clear. | Do. |
| 3 | .416 | .260 | 267 | - 3.6 | 11.9 | 4.1 | .031 | .051 | .036 | .83 | .70 | .72 | N E b E | N E b E | N E b E | 6.70 | 8.62 | 7.18 | ... | ... | ... | C. St. 10. | Do. | Do. |
| 4 | .041 | 29.942 | 29.614 | 8.9 | 24.1 | 22.4 | .051 | .112 | .101 | .77 | .85 | .86 | N E b E | N E b E | N E b E | 10.21 | 1.54 | 0.76 | ... | ... | 0.06 | Do. 10. | Clear. | C. St. 10. |
| 5 | 29.621 | .679 | .694 | 26.4 | 39.2 | 35.4 | .117 | .201 | .170 | .82 | .86 | .82 | N E b E | S b E | S b E | 1.22 | 1.08 | 2.12 | ... | ... | ... | Do. 10. | C. St. 4. | Do, 6. |
| 6 | .870 | 30.000 | 30.094 | 12.0 | 32.1 | 18.0 | .168 | 162 | .077 | .89 | .84 | .76 | S W | W b N | W b N | 23.52 | 8.60 | 9.77 | ... | ... | ... | Do. 10. | Do. 4. | Do. 10. |
| 7 | .977 | 29.916 | 29.474 | 17.1 | 36.7 | 21.7 | .072 | .191 | .090 | .78 | .90 | .78 | N E b E | N E b E | W b N | 14.22 | 1.46 | 0.61 | ... | 0.021 | 2.16 | Snow. | Snow. | Rain. |
| 8 | .576 | .734 | .859 | - 4.1 | - 1.9 | -12.6 | .031 | .034 | .018 | .83 | .84 | .74 | W b S | W b S | E N E | 36.62 | 13.26 | 15.33 | ... | ... | ... | C. St. 10. | C. St. 4. | Clear. |
| 9 | 30.249 | 30.228 | 30.480 | -29.9 | -21.5 | -32.1 | .008 | .010 | .003 | .60 | .63 | .58 | E N E | E N E | W b N | 14.77 | 8.98 | 3.03 | ... | ... | ... | St. 2. | Clear. | Do. Aur. Bor. |
| 10 | .614 | .520 | .522 | -43.6 | -14.3 | -29.2 | .000 | .017 | .006 | .47 | .73 | .52 | W S W | S W b S | S W b S | 0.20 | 0.01 | 0.08 | ... | ... | ... | Clear. | Clear. | Do, Aur. Bor. |
| 11 | .425 | .398 | .523 | -37.1 | -19.9 | -21.6 | .001 | .012 | .011 | .58 | .67 | .64 | E N E | N E b E | S b W | 0.13 | 0.01 | 0.09 | ... | ... | ... | Do. | C. St. 9. | Do. Aur. Bor. |
| 12 | .006 | 29.976 | 29.928 | -18.4 | -10.4 | -5.0 | .077 | .021 | .022 | .67 | .70 | .76 | N E b E | N E b E | N E b E | 24.61 | 14.45 | 11.70 | ... | ... | ... | Do. | C. C. St. 6. | Snow. |
| 13 | 29.731 | .834 | 30.009 | - 3.1 | 12.2 | 10.9 | .025 | .060 | .048 | .66 | .80 | .69 | S E b E | S b W | E b N | 9.62 | 0.78 | 0.48 | ... | ... | 1.10 | Snow. | C. St. 10. | C. St. 10. |
| 14 | .871 | .737 | 29.632 | 8.5 | 15.6 | 17.8 | .059 | .070 | .088 | .88 | .80 | .92 | N E b E | N E b E | N E b E | 10.86 | 10.01 | 14.90 | ... | ... | 1.10 | C. St. 10. | Snow. | Snow, |
| 15 | .526 | .127 | .249 | 19.7 | 26.3 | 21.3 | .096 | .135 | .109 | .90 | .96 | .96 | N E b E | N E b E | N E b E | 20.27 | 0.06 | 7.77 | ... | ... | 2.30 | Rain | Do. | C. St. 10. |
| 16 | .574 | .746 | .979 | 16.1 | 19.0 | 14.3 | .079 | .077 | .076 | .84 | .76 | .91 | W S W | W S W | S | 19.95 | 8.22 | 10.81 | ... | ... | 0.24 | C. St. 10. | C. St. 8. | Do. 10. |
| 17 | .856 | .967 | 30.157 | 12.9 | 16.8 | 1.0 | .063 | .068 | .038 | .82 | .75 | .85 | N E b E | N E b E | N W b W | 5.00 | 12.05 | 1.35 | ... | ... | 0.47 | Snow. | Do. 8. | Clear. |
| 18 | 30.314 | 30.216 | .137 | -10.6 | 15.0 | 13.5 | .021 | .070 | .072 | .77 | .82 | .91 | N N W | S b W | S b W | 0.05 | 7.73 | 2.77 | ... | ... | Inp. | Clear. | Do. | C. St. 10. |
| 19 | .048 | .020 | .068 | 12.5 | 24.2 | 19.2 | .069 | .094 | .087 | .90 | .73 | .84 | S E b E | N E b E | N E b E | 1.02 | 0.00 | 1.78 | ... | ... | Inp. | C. St. 10. | Do. 8. | Do. 8. |
| 20 | 29.925 | 29.817 | 29.614 | 10.6 | 4.4 | 32.7 | .089 | .169 | .156 | .88 | .84 | .85 | N E b E | S b E | S b E | 0.57 | 0.01 | 6.22 | ... | ... | ... | Clear. | Clear. | Do. 6. |
| 21 | .597 | .519 | .724 | 36.0 | 38.8 | 34.2 | .197 | .207 | .169 | .95 | .84 | .83 | S W b S | S W | S W | 7.01 | 5.43 | 8.67 | ... | 0.210 | ... | Rain. | C. St. 9. | Do. 10. |
| 22 | .821 | .828 | 30.085 | 18.0 | 18.2 | 5.0 | .082 | .080 | .041 | .84 | .80 | .74 | E b N | W | W N W | 9.06 | 0.35 | 18.81 | ... | ... | Inp. | Snow. | Do, 10. | Clear. |
| 23 | 30.250 | 30.259 | .329 | - 4.1 | 8.9 | 7.4 | .031 | .043 | .051 | .83 | .77 | .87 | S b W | S b E | S | 9.52 | 0.00 | 0.92 | ... | ... | ... | Clear. | Clear. | Do. |
| 24 | .297 | .274 | .207 | 6 4 | 27.6 | 17.9 | .046 | .129 | .072 | .80 | .88 | .85 | S b E | S E b S | S b E | 1.47 | 11.16 | 0.30 | ... | ... | ... | C. St. 6. | Cirr. 2. | Do. Zod. Lt. & Br |
| 25 | .261 | .164 | .107 | 10.9 | 29.4 | 24.8 | .060 | .136 | .111 | .80 | .83 | .86 | N N W | S E | S b E | 0.81 | 0.11 | 0.20 | ... | ... | ... | Do. 2. | Clear. | D. do. do. |
| 26 | .080 | .078 | .037 | 23.4 | 39.1 | 33.2 | .106 | .180 | .156 | .80 | .77 | .86 | S S W | S W b S | S W b S | 1.20 | 5.65 | 15.03 | ... | ... | ... | Do. 4. | C. C. St. 6. | C. St. 10. |
| 27 | .247 | .312 | .130 | 10.5 | 20.1 | 10.1 | .062 | .075 | .084 | .89 | .70 | .79 | E S E | N E b E | N E b E | 8.52 | 6.20 | 2.90 | ... | ... | ... | Clear. | C. St. 6. | Snow. |
| 28 | 29.868 | 29.762 | 29.848 | 11.0 | 19.0 | 20.0 | .087 | .087 | .091 | .79 | .84 | .85 | N E b E | N E b E | N E b E | 30.05 | 17.99 | 12.20 | ... | Inp. | 7.30 | Snow. | Rain. | C. St. 10. |
| 29 | .886 | .900 | .924 | 19.1 | 27.4 | 24.2 | .087 | .141 | .096 | .86 | .98 | .73 | E | S b W | S S W | 4.92 | 0.00 | 0.20 | ... | ... | ... | C. St. 10. | C. St. 6. | Do. 10. |
| 30 | .978 | 30.034 | 30.208 | 16.2 | 20.2 | 13.9 | .072 | .080 | .068 | .82 | .78 | .81 | W | W | S W | 17.63 | 13.30 | 1.06 | ... | ... | ... | Clear. | Cirr. 4. | Clear Z. Lt. & Br. |
| 31 | 30.320 | .198 | .220 | - 3.9 | 25.7 | 8.0 | .031 | .111 | .048 | .83 | .80 | .79 | S E b S | S S E | S S E | 1 00 | 0.00 | 0.00 | ... | ... | ... | Do. | Clear. | Do. do. do. |