

## MONTHLY METEOROLOGICAL REGISTER, QUEBEC, CANADA EAST, FEBRUARY, 1856.

BY CAPT. A. NOBLE, R.A., F.R.S., AND MR. W. M. D. C. CAMPBELL.

*Latitude*, 46 deg. 49.2 min. *North*; *Longitude*, 71 deg. 16 min. *West*. *Elevation above the level of the Sea*, 200 feet.

| Barometer corrected<br>and reduced to 32 degrees,<br>Fahr. |         |         |         | Temp. of Air. |        |         |       | Tens. of Vapour. |        |         |       | Humidity of Air. |        |         |       | Direc'n of Wind. |        |         |       | Velty of Wind. |        |         |       | In<br>Inches. | In<br>Snow. | REMARKS. |
|------------------------------------------------------------|---------|---------|---------|---------------|--------|---------|-------|------------------|--------|---------|-------|------------------|--------|---------|-------|------------------|--------|---------|-------|----------------|--------|---------|-------|---------------|-------------|----------|
| 6 A.M.                                                     | 2 P.M.  | 10 P.M. | MEAN.   | 6 A.M.        | 2 P.M. | 10 P.M. | MEAN. | 6 A.M.           | 2 P.M. | 10 P.M. | MEAN. | 6 A.M.           | 2 P.M. | 10 P.M. | MEAN. | 6 A.M.           | 2 P.M. | 10 P.M. | MEAN. | 6 A.M.         | 2 P.M. | 10 P.M. | MEAN. | In<br>Inches. | In<br>Snow. |          |
| 1                                                          | 29.055  | 29.457  | 29.230  | 29.438        | 6.3    | 8.9     | 12.0  | 8.7              | .038   | .054    | .078  | .057             | 1.00   | .077    | .097  | .091             | Calm.  | E       | ESE   | 0.0            | 0.2    | 10.9    | 3.4   | 4.0           |             |          |
| 2                                                          | .000    | .000    | .000    | .000          | 11.6   | 10.7    | 1.4   | 7.9              | .065   | .045    | .041  | .052             | .83    | .63     | .80   | .75              | ESE    | E       | ESE   | 3.8            | 14.7   | 9.3     | 17.2  | 0.5           |             |          |
| 3                                                          | .003    | .003    | .003    | .003          | 3.1    | 1.0     | 1.6   | 1.0              | .035   | .045    | .045  | .045             | .81    | .60     | .80   | .75              | ESE    | E       | ESE   | 3.8            | 14.7   | 9.3     | 17.2  | 0.5           |             |          |
| 4                                                          | .183    | .235    | .330    | .240          | 3.4    | 1.6     | 0.4   | 0.5              | .024   | .036    | .037  | .030             | .58    | .53     | .75   | .64              | W      | W       | W     | 23.0           | 20.3   | 12.9    | 23.0  | ...           | ...         |          |
| 5                                                          | .419    | .516    | .766    | .557          | 0.1    | 6.9     | 9.8   | 6.3              | .015   | .045    | .039  | .043             | .58    | .53     | .75   | .64              | W      | W       | W     | 23.0           | 20.3   | 12.9    | 23.0  | ...           | ...         |          |
| 6                                                          | 30.020  | 30.008  | 30.012  | 30.013        | 5.5    | 15.2    | 13.5  | 11.4             | .032   | .035    | .036  | .035             | .58    | .53     | .75   | .64              | W      | W       | W     | 23.0           | 20.3   | 12.9    | 23.0  | ...           | ...         |          |
| 7                                                          | 29.577  | 29.522  | 29.562  | 29.537        | 11.8   | 17.2    | 18.8  | 15.9             | .056   | .099    | .098  | .088             | .82    | .65     | .77   | .72              | W      | W       | W     | 10.0           | 6.2    | 0.0     | 10.0  | ...           | ...         |          |
| 8                                                          | .469    | .587    | .620    | .557          | 19.1   | 12.8    | 4.3   | 12.1             | .022   | .051    | .044  | .047             | .85    | .77     | .76   | .79              | ESE    | E       | ESE   | 3.8            | 10.9   | 0.0     | 3.8   | 3.0           | ...         |          |
| 9                                                          | .594    | .487    | .561    | .547          | 5.7    | 11.2    | 6.8   | 7.7              | .043   | .060    | .037  | .047             | .69    | .77     | .58   | .68              | W      | W       | W     | 8.8            | 6.2    | 0.0     | 8.8   | 0.5           | ...         |          |
| 10                                                         | .720    | .662    | .579    | .654          | 0.4    | 11.7    | 14.2  | 8.5              | .035   | .057    | .072  | .055             | .74    | .71     | .82   | .76              | W      | W       | W     | 13.6           | 14.7   | 14.7    | 13.6  | 1.0           | ...         |          |
| 11                                                         | .430    | .380    | .158    | .342          | 10.2   | 28.1    | 28.9  | 25.4             | .108   | .151    | .160  | .141             | .100   | .100    | .100  | .100             | Calm.  | Calm.   | Calm. | 0.0            | 0.0    | 0.0     | 0.0   | 2.6           | ...         |          |
| 12                                                         | 28.744  | 29.579  | 29.999  | 28.774        | 30.6   | 19.1    | 1.0   | 1.0              | .071   | .070    | .025  | .039             | .65    | .65     | .64   | .76              | Calm.  | W       | W     | 0.0            | 14.3   | 19.4    | 0.0   | 1.4           | ...         |          |
| 13                                                         | 20.305  | 29.513  | 29.621  | 29.510        | 17.4   | 9.7     | 8.5   | 11.8             | .011   | .018    | .018  | .016             | .58    | .53     | .51   | .57              | W      | W       | W     | 22.1           | 20.0   | 15.6    | 22.1  | ...           | ...         |          |
| 14                                                         | .677    | .611    | .629    | .639          | 15.8   | 0.9     | 2.0   | 5.0              | .015   | .030    | .030  | .028             | .62    | .60     | .87   | .70              | W      | W       | W     | 13.4           | 10.9   | 5.2     | 13.4  | ...           | ...         |          |
| 15                                                         | .540    | .398    | .245    | .371          | 2.8    | 11.2    | 11.0  | 6.8              | .013   | .031    | .034  | .030             | .62    | .60     | .87   | .70              | W      | W       | W     | 13.4           | 10.9   | 5.2     | 13.4  | ...           | ...         |          |
| 16                                                         | 1.04    | .014    | .390    | .038          | 14.8   | 22.2    | 20.7  | 19.2             | .063   | .102    | .104  | .089             | .70    | .83     | .89   | .81              | ESE    | ESE     | ESE   | 45.9           | 24.0   | 0.0     | 45.9  | ...           | ...         |          |
| 17                                                         | 28.915  | 28.808  | .718    | 28.914        | 15.6   | 23.6    | 19.6  | 19.6             | .056   | .076    | .076  | .061             | .87    | .82     | .87   | .86              | ESE    | ESE     | ESE   | 5.8            | 21.6   | 19.0    | 5.8   | 3.5           | ...         |          |
| 18                                                         | .775    | .880    | .908    | .888          | 10.1   | 9.1     | 6.3   | 8.6              | .045   | .045    | .036  | .036             | .60    | .63     | .60   | .60              | W      | W       | W     | 23.6           | 19.4   | 52.0    | 23.6  | 1.0           | ...         |          |
| 19                                                         | 29.310  | 29.402  | .455    | 29.302        | 5.5    | 17.6    | 14.2  | 12.1             | .023   | .051    | .031  | .049             | .60    | .53     | .69   | .69              | W      | W       | W     | 35.0           | 39.4   | 29.0    | 35.0  | ...           | ...         |          |
| 20                                                         | .359    | .217    | .131    | .236          | 0.6    | 23.4    | 24.3  | 19.1             | .057   | .091    | .060  | .083             | .70    | .80     | .70   | .72              | W      | W       | W     | 17.6           | 14.7   | 11.5    | 17.6  | ...           | ...         |          |
| 21                                                         | .142    | .147    | .211    | .167          | 18.9   | 25.2    | 21.2  | 21.8             | .062   | .103    | .082  | .085             | .58    | .79     | .78   | .72              | W      | W       | W     | 3.8            | 14.7   | 0.0     | 3.8   | ...           | ...         |          |
| 22                                                         | .257    | .363    | .362    | .357          | 19.7   | 24.5    | 16.9  | 20.0             | .078   | .095    | .090  | .075             | .66    | .72     | .71   | .71              | W      | W       | W     | 0.0            | 0.0    | 3.8     | 0.0   | ...           | ...         |          |
| 23                                                         | .323    | .193    | .170    | .272          | 28.9   | 23.7    | 14.7  | 22.4             | .071   | .058    | .112  | .092             | .75    | .66     | .86   | .86              | W      | W       | W     | 14.7           | 10.9   | 12.9    | 14.7  | ...           | ...         |          |
| 24                                                         | .141    | .105    | .233    | .130          | 16.1   | 21.6    | 15.2  | 17.2             | .080   | .081    | .082  | .065             | .82    | .54     | .55   | .64              | W      | W       | W     | 19.0           | 16.0   | 11.5    | 19.0  | ...           | ...         |          |
| 25                                                         | .227    | .170    | .177    | .191          | 9.3    | 20.3    | 20.8  | 16.8             | .050   | .072    | .095  | .061             | .70    | .66     | .67   | .61              | W      | W       | W     | 11.5           | 17.6   | 8.8     | 11.5  | ...           | ...         |          |
| 26                                                         | .304    | .397    | .452    | .354          | 11.5   | 25.1    | 14.5  | 17.1             | .056   | .076    | .082  | .065             | .70    | .66     | .67   | .61              | W      | W       | W     | 19.0           | 16.0   | 11.5    | 19.0  | ...           | ...         |          |
| 27                                                         | .610    | .521    | .575    | .569          | 11.1   | 26.9    | 17.0  | 19.3             | .013   | .043    | .031  | .012             | .62    | .59     | .85   | .42              | W      | W       | W     | 11.5           | 12.9   | 3.8     | 11.5  | ...           | ...         |          |
| 28                                                         | .640    | .603    | .448    | .630          | 6.8    | 21.1    | 22.4  | 16.8             | .043   | .061    | .047  | .048             | .53    | .53     | .57   | .54              | W      | W       | W     | 4.0            | 3.8    | 0.0     | 4.0   | ...           | ...         |          |
| 29                                                         | .701    | .711    | .769    | .724          | 6.0    | 25.2    | 12.2  | 14.5             | .046   | .032    | .013  | .017             | .71    | .59     | .53   | .54              | W      | W       | W     | 3.8            | 3.8    | 3.2     | 3.8   | ...           | ...         |          |
| M                                                          | 29.3031 | 29.3235 | 29.3536 | 29.3571       | 8.29   | 15.8    | 11.51 | 11.08            | .0575  | .0671   | .0543 | .0520            | .762   | .670    | .751  | .722             |        |         |       | 11.2           | 12.7   | 10.1    |       | 26.0          |             |          |

12th—Halo round moon 35°  
in diameter.18th—Solar halo 45° in di-  
ameter. Between 10 and 11.  
p.m., velocity of gusts of wind  
70 miles per hour.Auroral light observed on  
the 2nd, 8th, 9th, 13th, 24th,  
25th, 28th, 27th, 23th, 29th.Auroral arch and streamers  
on the 14th.