

## GENERAL METEOROLOGICAL

MAGNETICAL OBSERVATORY,

Latitude 43° 39' 4" North. Longitude 5h 17m. 33s West. Elevation above

|                                         | JAN.    | FEB.    | MAR.    | APRIL   | MAY.    | JUNE.   | JULY.   |
|-----------------------------------------|---------|---------|---------|---------|---------|---------|---------|
| Mean Temperature .....                  | 24.79   | 22.84   | 28.67   | 34.23   | 62.46   | 62.49   | 67.86   |
| Difference from average (34 years) ..   | +1.83   | -0.06   | -0.03   | -6.81   | +0.80   | +0.75   | +0.45   |
| Thermic anomaly (Lat. 43° 40') .....    | -8.01   | -11.66  | -11.43  | -15.97  | -5.64   | -2.11   | -0.84   |
| Highest temperature .....               | 57.5    | 42.0    | 57.0    | 60.8    | 88.0    | 88.0    | 83.6    |
| Lowest temperature .....                | -1.0    | 0.4     | 5.5     | 9.5     | 25.3    | 24.2    | 44.4    |
| Monthly and annual ranges .....         | 61.5    | 41.0    | 51.5    | 51.3    | 60.7    | 43.8    | 39.1    |
| Mean maximum temperature .....          | 31.11   | 29.86   | 37.15   | 41.55   | 63.28   | 72.84   | 77.06   |
| Mean minimum temperature .....          | 17.14   | 14.07   | 21.52   | 26.34   | 41.68   | 53.02   | 56.93   |
| Mean daily range .....                  | 13.97   | 15.79   | 15.63   | 16.21   | 21.60   | 19.32   | 20.13   |
| Greatest daily range .....              | 36.0    | 34.7    | 30.7    | 25.3    | 46.5    | 35.0    | 31.8    |
| Mean height of the barometer .....      | 29.679  | 29.7109 | 29.5767 | 29.6481 | 29.5676 | 29.5733 | 29.5858 |
| Difference from average (33 years) ..   | +0.0348 | +0.0880 | -0.0243 | +0.0601 | -0.0631 | -0.0001 | -0.0072 |
| Highest barometer .....                 | 30.295  | 30.308  | 30.077  | 30.267  | 29.907  | 29.905  | 29.787  |
| Lowest barometer .....                  | 29.073  | 29.116  | 29.013  | 29.135  | 28.366  | 29.176  | 29.244  |
| Monthly and annual ranges .....         | 1.222   | 1.192   | 1.064   | 1.092   | 0.951   | 0.729   | 0.553   |
| Mean humidity of the air .....          | 87      | 82      | 75      | 69      | 83      | 69      | 70      |
| Mean elasticity of aqueous vapour ....  | 0.129   | 0.106   | 0.127   | 0.139   | 0.261   | 0.395   | 0.478   |
| Mean of cloudiness .....                | 0.73    | 0.74    | 0.68    | 0.63    | 0.50    | 0.54    | 0.52    |
| Difference from average (21 years) ..   | +0.05   | +0.03   | +0.06   | +0.03   | -0.06   | +0.02   | +0.02   |
| Resultant direction of the wind .....   | N 61 W  | N 24 W  | N 65 W  | N 38 W  | N 49 W  | N 44 W  | N 68 W  |
| " velocity of the wind .....            | 3.42    | 2.46    | 7.47    | 4.09    | 2.64    | 1.68    | 1.26    |
| Mean velocity (miles per hour) .....    | 6.58    | 8.12    | 13.24   | 9.64    | 8.45    | 6.52    | 6.55    |
| Difference from average (26 years) ..   | +0.20   | -0.58   | +4.27   | +1.43   | +1.64   | +1.32   | +1.58   |
| Total amount of rain .....              | 2.820   | 1.150   | 1.390   | 1.240   | 1.492   | 1.795   | 3.350   |
| Difference from average (34 years) ..   | +1.626  | +0.299  | -0.204  | -1.232  | -1.692  | -1.120  | +0.169  |
| Number of days' rain .....              | 13      | 6       | 10      | 4       | 8       | 13      | 11      |
| Total amount of snow .....              | 12.2    | 19.1    | 2.6     | 11.0    | ...     | ...     | ...     |
| Difference from average (31 years) ..   | -4.98   | +0.47   | -10.17  | +8.74   | -0.06   | ...     | ...     |
| Number of days' snow .....              | 15      | 15      | 10      | 7       | ...     | ...     | ...     |
| Number of fair days .....               | 9       | 10      | 12      | 17      | 23      | 17      | 20      |
| Number of auroras observed .....        | 2       | 2       | 0       | 3       | 3       | 3       | 4       |
| Possible to see auroras (No. of nights) | 8       | 14      | 17      | 14      | 19      | 21      | 18      |
| Number of thunder storms .....          | 0       | 1       | 0       | 1       | 3       | 4       | 7       |