

# Meteorological Report for February.

The subjoined table gives sunrise, minimum and maximum readings of the thermometer, the course of the wind at sunrise, and the amount of rainfall for the month of February.

The readings of the thermometer were taken in an elevated portion of the city, the position of the instruments being free from any influence of refracted heat. They are self-registering, of the very best French manufacture, and the figures are believed to be absolutely correct :

| CONDITION.              | Minimum. | Sunrise. | Maximum. | Wind.    |
|-------------------------|----------|----------|----------|----------|
| 1—Cloudy (1).....       | 41       | 43       | 52       | E.       |
| 2—Cloudy (2).....       | 34       | 34       | 42       | N. E.    |
| 3—Partly cloudy.....    | 33       | 35       | 41       | N. W.    |
| 4—Partly cloudy.....    | 30       | 30       | 38       | N. W.    |
| 5—Partly cloudy (3)...  | 61       | 61       | 79       | W.       |
| 6—Cloudy (4).....       | 31       | 31       | 42       | N. E.    |
| 7—Cloudy (5).....       | 29       | 29       | 42       | N. E.    |
| 8—Cloudy (6).....       | 33       | 38       | 50       | N. E. W. |
| 9—Clear.....            | 31       | 31       | 41       | N. W.    |
| 10—Clear.....           | 33       | 33       | 48       | N. E.    |
| 11—Cloudy.....          | 37       | 39       | 49       | E. W.    |
| 12—Cloudy.....          | 30       | 37       | 64       | N. W.    |
| 13—Clear.....           | 31       | 31       | 60       | N. E.    |
| 14—Cloudy (7).....      | 40       | 54       | 69       | N. W.    |
| 15—Cloudy.....          | 43       | 43       | 61       | N. W.    |
| 16—Clear.....           | 31       | 34       | 55       | N. W.    |
| 17—Clear.....           | 33       | 33       | 60       | N. W.    |
| 18—Cloudy.....          | 52       | 52       | 75       | N. W.    |
| 19—Cloudy (8).....      | 51       | 51       | 57       | N. W.    |
| 20—Cloudy (9).....      | 47       | 47       | 62       | N. W.    |
| 21—Clear.....           | 29       | 29       | 51       | N. E.    |
| 22—Cloudy.....          | 33       | 33       | 52       | N. E.    |
| 23—Cloudy (10).....     | 33       | 35       | 50       | N. E.    |
| 24—Cloudy (11).....     | 37       | 44       | 78       | N. E.    |
| 25—Cloudy (12).....     | 53       | 68       | 79       | N. E.    |
| 26—Partly cloudy.....   | 57       | 57       | 77       | N. W.    |
| 27—Cloudy (13).....     | 54       | 54       | 75       | N. E.    |
| 28—Cldy, heavy fog (14) | 48       | 48       | 50       | S. E.    |
| Average temperature..   | 38.7     | 41.1     | 61.1     |          |
| Mean temperature, 39.2  |          |          |          |          |

(1) Light rain at intervals during the day and night.

(2) Light misty rain in the forenoon.

(3) Rain and snow at night.

(4) Snow and rain until about noon.

(5) Light rain and snow all day and night.

(6) Light snow and rain all day.

(7) Light showers during the forenoon.

(8) A few drops of rain during the forenoon.

(9) Light shower in the forenoon.

(10) Light rain early in the forenoon.

(11) Rain, with thunder and lightning at night.

(12) Light showers in the forenoon and at night.

- (12) Light rain in the forenoon and at night.  
 (14) Light rain in the forenoon.

Rainfall for the month, 3.23 inches. The measurements were taken in a United States signal-service instrument.

The snow which fell during the month did not remain on the ground, but melted upon reaching the earth. It will be noticed that there was rain on fourteen days during the month, though on one or two occasions there was only a trace left in the instrument—not enough to measure. There were but six days on which the sky was not more or less overcast with clouds at the hour of observation.

In the table below will be found the mean temperature and the amount of rainfall during the corresponding month for the past ten years:

|           | <i>Mean<br/>tempe-<br/>rature.</i> | <i>Rain-<br/>fall,<br/>Inches.</i> |
|-----------|------------------------------------|------------------------------------|
| 1881..... | 35.9                               | 1.84                               |
| 1882..... | 40.8                               | 3.40                               |
| 1883..... | 44.9                               | 2.24                               |
| 1884..... | 48.1                               | 4.81                               |
| 1885..... | 33.5                               | 3.00                               |
| 1886..... | 35.7                               | 3.17                               |
| 1887..... | 49.0                               | 4.40                               |
| 1888..... | 44.7                               | 2.39                               |
| 1889..... | 36.5                               | 3.70                               |
| 1890..... | 43.9                               | 3.23                               |

The average yearly temperature for the past twelve years has been 55.7 degrees, so it will be seen that the month of February just past lacked only 3.8 degrees of being up to the annual average, which includes the hot months of the summer.