

Meteorological.

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

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 best French manufacture, are carefully noted each day, and the figures are believed to be absolutely correct.

CONDITION.	<i>Sunrise.</i>	<i>Minimum.</i>	<i>Maximum.</i>	<i>Wind.</i>
1—Clear.....	53	53	75	E.
2—Clear.....	55	55	75	E. W.

CONDITION.

Oct 1887

Sunrise

Minimum

Maximum

Wind.

1—Clear.....	53	53	82	S.
2—Clear.....	55	55	85	S. W.
3—Clear.....	57	57	84	W.
4—Clear.....	56	56	82	W.
5—Cloudy.....	47	47	75	S. E.
6—Clear.....	41	41	79	N.
7—Clear.....	47	47	86	S. W.
8—Clear.....	56	56	85	S.
9—Partly cloudy.....	60	60	86	S. E.
10—Cloudy.....	62	62	90	N. W.
11—Partly cloudy(1)...	63	63	70	N. E.
12—Clear.....	42	42	80	N.
13—Clear.....	40	40	75	N. W.
14—Clear.....	46	46	72	N. W.
15—Clear.....	38	38	67	N.
16—Cloudy—frost.....	35	35	72	N. W.
17—Clear.....	48	48	79	S. W.
18—Cloudy(2).....	64	64	80	S. E.
19—Cloudy(3).....	59	59	70	S. E.
20—Cloudy(4).....	55	55	62	S. E.
21—Clear.....	52	52	72	N. W.
22—Clear.....	37	37	72	N. W.
23—Clear—ice.....	32	32	71	W.
24—Cloudy(5).....	54	54	69	S. E.
25—Cloudy(6).....	43	43	47	N. E.
26—Cloudy(7).....	40	40	49	N. E.
27—Cloudy(8).....	45	45	52	N. E.
28—Cloudy(9).....	48	48	56	N. E.
29—Cloudy.....	50	50	61	S. E.
30—Cloudy(10).....	48	48	55	N. E.
31—Cloudy(11).....	35	35	45	N. E.

Average temperatures.....

49.7

49.7

71.2

- 1—Light rain all day.
- 2—Light rain all day and at night.
- 3—Light rain all day and at night.
- 4—Light rain all day.
- 5—Light rain all day and at night.
- 6—Light rain all day and at night.
- 7—Light rain all day and at night.
- 8—Light rain all day and at night.
- 9—Light rain during the day and showery at night.
- 10—Light showers during the latter part of the night.
- 11—Light showers.

Rainfall for the month (readings made at 12 M. 31st), 4.94 inches.

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

	<i>Mean tempe- rature.</i>	<i>Rain- fall. Inches.</i>
1880.....	52.7	2.14
1881.....	45.9	2.15
1882.....	63.8	2.91
1883.....	55.2	5.12
1884.....	65.6	0.52
1885.....	58.8	3.45
1886.....	60.5	1.45
1887.....	60.5	4.94