

Meteorological Report.

The subjoined report gives sunrise, minimum and maximum readings of the thermometer, and the amount of rainfall for the month of October.

The readings of the thermometer were taken on an elevated plateau near 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.	Rainfall— Inches.	Maximum.	
1—Cloudy.....	41	56	.06	68	N. W.
2—Clear.....	44	44	.....	75	N.
3—Clear (1).....	44	44	.....	79	N. E.
4—Cloudy (2).....	60	60	.07	64	S. E.
5—Clear.....	54	54	1.34	69	N. W.
6—Cloudy (3).....	49	49	.....	68	S. E.
7—Clear.....	57	57	.02	79	N. W.
8—Heavy fog.....	48	48	.....	85	S. W.
9—Clear.....	52	52	.....	85	W.
10—Clear.....	53	53	.....	77	N. E.
11—Clear.....	46	46	.....	76	N. E.
12—Cloudy (4).....	49	49	.....	76	N. E.
13—Cloudy (5).....	56	56	.09	72	E.
14—Clear.....	59	59	1.82	73	S. E.
15—Clear.....	44	44	.....	67	S. W.
16—Clear—frost.....	37	37	.....	64	W.
17—Clear—h'y frost..	34	34	.....	68	N.
18—Clear.....	38	38	.....	73	N. W.
19—Cloudy.....	40	40	.....	69	N. E.
20—Clear.....	42	42	.....	76	N. E.
21—Cloudy (6).....	50	50	.....	63	E.
22—Cloudy (7).....	55	55	.53	65	N. E.
23—Clearing.....	59	59	2.07	72	S.
24—Clear.....	54	54	.....	78	S. W.
25—Clear.....	55	55	.....	74	N.
26—Clear.....	43	43	.....	65	N.
27—Cloudy.....	44	44	.....	76	N.
28—Clear (8).....	49	49	.14	66	N.
29—Clear (9).....	32	32	trace	56	N. W.
30—Clear—h'y frost..	29	29	.....	54	N.
31—Clear—h'y frost..	27	27	.....	60	N. E.
Average temperature	46.6	46.9	6.14	70.8	
Mean temperature,	58.7.				

August 31. Light rain at night.

1. Shower at night.

2. Rain all day.

3. Light rain late in the forenoon.

4. Rain at night.

5. Rain all day with high winds.

6. Showers during the day.

7. Heavy rain all day with high winds late in the afternoon.

8. Rain late in the afternoon.

9. Light rain early in the forenoon.

There were slight frosts on the 16th and 17th instants, with a slight skim of ice on the latter date.

The first general killing frost occurred on the night of the 29th. Heavy frosts also fell on Monday and Tuesday nights.

We give in the table below the mean temperature and the aggregate amount of rainfall during the month of October for the past fourteen years:

	Mean tempe- rature.	Rain- fall, Inches.
1880.....	52.7	2.14
1881.....	65.9	2.15
1882.....	63.8	2.01
1883.....	55.9	5.12
1884.....	65.6	0.52
1885.....	58.8	3.46
1886.....	60.5	1.45
1887.....	60.5	4.94
1888.....	55.0	3.24
1889.....	53.7	5.23
1890.....	62.2	9.00
1891.....	64.7	2.04
1892.....	58.9	0.55
1893.....	58.7	6.14

Measurements of rainfall taken each morning.