

TEMPERATURE.

	1861.	Average of 22 years.	Extremes in 22 years.	
Mean temperature of the year . . . . .	44°22	44.°12	46°.36 (in 1846)	42°.16 (in 1856.)
Warmest month . . . . .	August.	July.	July 1854	Aug 1860
when the mean temp. of the month was	65°.48	66°.85	72°.47	64°.46
Coldest month . . . . .	January.	February	Jan. 1857	Feb. 1848
when the mean temp. of the month was	19°.86	22°.98	12°.75	26°.60
Difference between the warmest and coldest months . . . . .	45°.62	43°.87		
Mean of deviations of monthly means, from their respective averages of 22 years, signs of deviation being disregarded . . . . .	2°.24	2°.44	3°.55 (in 1843 and 1857)	1°.35 (in 1853.)
Month of greatest deviation without regard to sign . . . . .	Decem'r.	January.	Jan. 1857	
when the monthly mean differed from the 22 years' average of the same month by . . . . .	5°.0	3°.9	10°.7	
Warmest day . . . . .	Aug. 3	July 20	July 12 (1845.)	July 31* (1844.)
when the mean of the day was . . . . .	74°.20	77°.28	82°32	72°.75
Coldest day . . . . .	Feb. 7	Jan. 24	Feb. 6, '55 Jan 22 '57	Dec. 22 (1842.)
when the mean of the day was . . . . .	-7°.7	-0°.87	-14°.38	+9°.57
Highest temperature . . . . .	87°.8	90°.4	99°.2	82°.4
which occurred on . . . . .	June 9	July 22	Aug. 24 (1854.)	Aug. 19 (1840.)
Lowest temperature . . . . .	-20°.8	-12°.3	-26°.5	+1°.9
which occurred on . . . . .	Feb. 8	Jan. 25	Jan. 26 (1859.)	Jan. 2 (1842.)
Range of the year . . . . .	108°.6	102°.7	118°.2 (in 1855.)	87°.0 (in 1847.)

There were twenty-seven days when the mean temperature of the day differed 12° and upwards from the normal mean of the day. Their distribution among the several months may be seen in the following table:

MONTHS	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Year.
In excess . .	0	2	2	0	0	2	0	0	0	2	0	6	14
In defect . .	6	2	3	0	0	0	0	0	0	0	0	2	13
Total . . .	6	4	5	0	0	2	0	0	0	2	0	8	27

\* The mean temperature of the warmest day in the foregoing table, refers to the twenty-two years average of the warmest days in each year, irrespective of their dates, the average date being simply the arithmetic mean of the several dates measured from any fixed epoch. The same remark applies to the coldest day, and to the maxima and minima of the year. As regards the low temperatures, the averages are derived from the coldest days and lowest temperatures in successive winters,—December being considered to belong to the following year.