

MEAN METEOROLOGICAL RESULTS

TEMPERATURE.

	1871.	Average of 31 years.	Extremes.	
	°	°	°	°
Mean temperature of the year.....	43.81	44.16	46.36 in '46	42.16 in '56
Warmest month	August.	July	July, 1868	Aug. 1860
Mean temperature of the warmest month.....	67.37	67.33	75.80	64.46
Coldest month.....	December	February	Jan. 1857	Feb. 1848
Mean temperature of the coldest month.....	19.90	22.97	12.75	26.60
Difference between the temperatures of the warmest and the coldest months.....	47.47	44.36	...	...
Mean of deviations of monthly means from their respective averages of 31 years, signs of deviation being disregarded.....	2.81	2.42	3.59 in 1843	1.31 in 1864
Months of greatest deviation without regard to sign	December	January	Jan. 1857	...
Corresponding magnitude of deviation	6.14	3.87	10.4	...
Warmest day	Aug. 4	...	July 14, '68	July 31, '41
Mean temperature of the warmest day.....	76.13	77.73	81.60	72.75
Coldest day.....	Feb. 4	...	Feb. 8, '55	Dec. 22, '42
Mean temperature of the coldest day	-7.2	-1.05	Jan. 22, '57	...
Date of the highest temperature.....	Aug. 16	...	-11.38	9.57
Highest temperature	89.5	90.8	Aug. 24, '54	Aug. 19, '40
Date of the lowest temperature.....	Dec 21	...	90.2	82.4
Lowest temperature.....	-21.0	-12.1	Jan. 10, '59	Jan. 2, '42
Range of the year.....	110.5	102.9	-26.5	1.9
			118.2	87.0

BAROMETER.

	1871.	Average of 30 years.	Extremes.	
Mean pressure of the year.....	29.6066	29.6171	{ 29.6670 in 1849	29.5602 in 1864
Month of highest mean pressure.....	January	Sept.	Jan. 1849	June, 1864
Highest mean monthly pressure.....	29.7590	29.6686	29.8048	29.6525
Month of lowest mean pressure.....	April	May	March, 1859	Nov. 1849
Lowest mean monthly pressure.....	29.4584	29.5684	29.4143	29.5886
Date of the highest pressure in the year.....	Jan. 25, 2 p.m.	...	Jan. 8, '66	Jan. 14, '70
Highest pressure.....	30.388	30.374	30.940	30.212
Date of the lowest pressure in the year.....	Feb. 18, 6 a.m.	...	Jan. 2, '70	Mar. 17, '45
Lowest pressure	28.673	28.680	28.166	28.939
Range of the year	1.715	1.694	{ 2.133 in 1866	1.303 in 1845