

## TEMPERATURE.

	1877.	Average of 37 years.	Extremes.	
Mean temperature of the year	48.10	43.99	46.36 in '46.	40.77 in '73.
Warmest month	July.	July.	July, 1863.	Aug., 1860.
Mean temperature of the warmest month	69.91	67.43	73.80	64.46
Coldest month	January.	February.	Feb., 1875.	Feb., 1848.
Mean temperature of the coldest month	17.65	22.58	10.16	26.60
Difference between the temperature of the warmest and coldest months	52.36	44.85	...	...
Means of the deviation of monthly means from their respective averages of 36 years, signs of deviation being disregarded	3.59	2.48	3.59 in 1877.	...
Months of greatest deviation, without regard to sign	December.	January.	Feb., 1875.	...
Corresponding magnitude of deviation	8.68	3.81	12.4	...
Warmest day	July 25.	...	July 14, '68.	July 31, '44.
Mean temperature of the warmest day	76.90	77.77	84.50	72.75
Coldest day	Jan. 12.	...	Feb. 6, 1855.	Dec. 22, '42.
Mean temperature of the coldest day	-6.12	-1.52	Jan. 22, 1857.	...
Date of the highest temperature	July 16.	...	-11.39	9.57
Highest temperature	83.7	90.99	Aug. 24, '54.	Aug. 19, '40.
Date of the lowest temperature	Jan. 12.	...	99.2	82.4
Lowest temperature	-13.9	-12.26	Jan. 10, '59.	Jan. 2, '42.
Range of the year	102.6	103.25	-26.5	1.9
			118.2	87.0

## BAROMETER.

	1877.	Average of 36 years.	Extremes.	
Mean Pressure of the year	29.6346	29.6159	29.6770 in 1849.	29.5602 in 1864.
Month of the highest mean pressure	December.	Sept.	Jan. 1849.	June, 1864.
Highest monthly mean pressure	29.7354	29.6637	29.8046	29.6325
Month of the lowest mean pressure	August.	May.	March, 1859.	Nov., 1849.
Lowest monthly mean pressure	29.5507	29.6719	29.4143	29.5886
Date of the highest pressure in the year	Feb. 13.	...	Jan. 8, 1868.	Jan. 14, '70.
Highest pressure	30.352	30.364	30.940	30.212
Date of the lowest pressure in the year	Nov. 2.	...	Jan. 2, 1870.	Mar. 17, '45.
Lowest pressure	28.712	28.635	28.166	28.939
Range of the year	1.640	1.679	2.133 in 1868.	1.303 in 1845.

## RELATIVE HUMIDITY.

	1877.	Average of 35 years.	Extremes.	
Mean humidity of the air	74	77	82 in 1851	73 in 1858
Month of greatest humidity	January.	Jan. 7.	Jan., 1837.	Dec., 1858.
Greatest mean monthly humidity	84	83	89	81
Month of least humidity	April.	May.	Feb., 1843.	April, 1849.
Least mean monthly humidity	62	71	53	76