

Baltimore, Maryland: Top-10 Extremes Average Monthly & Annual Mean Temperatures (in degrees Fahrenheit) Period of Record: 1871-Present																												
Rank	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		ALL MONTHS		ANNUAL	
	Warmest		Warmest		Warmest		Warmest		Warmest		Warmest		Warmest		Warmest		Warmest		Warmest		Warmest		Warmest		Warmest		Warmest	
	Temp	Year	Temp	Year	Temp	Year	Temp	Year	Temp	Year	Temp	Year	Temp	Year	Temp	Year	Temp	Year	Temp	Year	Temp	Year	Temp	Year	Temp	Year	Temp	Year
1	47.4	1932	44.2	2017	55.7	1945	60.5	1941	70.9	1880	79.8	1943	82.6	2020	80.3	1900	77.5	1881	65.1	1941	54.7	1931	49.0	2015	82.6	7/2020	59.2	1949
2	46.9	1950	44.0	1976	54.6	1921	60.3	2017	70.6	1944	78.8	2010	81.7	2011	80.1	1995	76.2	1930	64.9	1947	53.0	1948	46.0	1899	81.7	7/2011	59.2	1931
3	44.0	1890	43.9	1949	53.7	2012	59.6	1994	70.5	1991	78.7	1925	81.5	2010	80.0	1939	76.0	1931	64.3	1949	52.5	1946	45.7	1931	81.5	7/2010	58.6	2012
4	43.5	1937	43.3	1890	53.0	1946	59.5	2019	69.8	2004	77.9	1934	81.5	1995	80.0	1938	74.5	1921	63.6	1881	52.4	1985	45.3	1923	81.5	7/1995	58.4	1946
5	43.5	1933	42.7	1932	50.9	2020	59.1	1915	69.6	2018	77.2	1994	81.5	1949	79.5	1872	73.8	2019	63.4	2007	52.0	1941	44.1	1984	81.5	7/1949	58.3	1941
6	43.5	1913	42.6	1909	50.2	1929	58.7	1942	69.5	1911	76.7	1923	81.4	2012	79.1	2016	73.8	1900	63.4	1931	51.9	1994	43.7	1971	81.4	7/2012	58.3	1921
7	42.4	1949	42.2	1990	50.0	2016	58.7	1921	69.3	1918	76.2	1930	81.4	1934	79.1	1943	73.7	1970	63.1	1920	51.9	1975	43.7	1891	81.4	7/1934	58.2	1939
8	42.4	1880	42.1	1927	49.9	1977	58.4	1960	69.1	2015	76.0	1933	81.2	1955	78.7	2020	73.4	1925	63.0	1919	51.9	1902	43.6	1881	81.2	7/1955	58.1	1930
9	42.0	1990	42.0	2020	49.8	1910	58.4	1945	69.0	2012	75.9	1892	81.1	1887	78.7	1980	73.2	1961	63.0	1879	51.5	1927	43.5	1956	81.1	7/1887	58.0	2019
10	41.5	2006	42.0	1930	49.5	1903	58.2	1910; 1878	69.0	1896	75.9	1876	81.0	1931	78.7	1968	73.2	1941	62.9	1971	51.5	1909	43.3	1877	81.0	7/1931	58.0	1938
NORMALS 1981-2010	32.9		35.8		43.6		53.7		62.9		72.4		77.0		75.1		67.8		56.1		46.5		36.7				55.1	
Rank	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		ALL MONTHS		ANNUAL	
	Coldest		Coldest		Coldest		Coldest		Coldest		Coldest		Coldest		Coldest		Coldest		Coldest		Coldest		Coldest		Coldest		Coldest	
	Temp	Year	Temp	Year	Temp	Year	Temp	Year	Temp	Year	Temp	Year	Temp	Year	Temp	Year	Temp	Year	Temp	Year	Temp	Year	Temp	Year	Temp	Year	Temp	Year
1	22.9	1977	24.3	1934	33.4	1960	46.4	1874	57.0	1967	66.7	1907	71.7	1891	71.0	1927	64.0	1963	51.3	1988	40.2	1996	25.3	1989	22.9	1/1977	52.6	1904
2	24.1	1918	25.3	2015	35.5	1885	47.8	1907	59.0	1882	67.2	1903	72.7	2000	71.9	1903	64.5	1917	51.5	1987	40.9	1976	27.3	1876	24.1	1/1918	52.7	1875
3	24.3	1893	25.5	1979	37.0	1916	48.6	1875	59.2	2005	68.1	1972	72.8	2001	72.3	1992	64.6	1879	51.5	1876	41.0	1873	28.4	1960	24.3	2/1934	53.2	1963
4	25.5	1982	26.7	1895	37.2	1888	49.5	1966	59.2	1917	68.5	1974	73.1	1895	72.3	1874	64.8	1984	52.6	1888	41.6	1951	28.5	1917	24.3	1/1893	53.2	1958
5	25.7	1912	27.3	1978	37.4	1892	49.9	1904	59.2	1907	68.5	1955	73.6	1962	72.5	2014	64.8	1962	52.7	1925	41.8	1901	28.7	1963	25.3	2/2015	53.4	1917
6	26.0	1940	27.3	1905	37.6	1906	50.3	1965	59.3	2003	68.8	1958	73.9	1984	72.9	1963	64.9	1950	52.7	1917	41.9	1880	29.9	1958	25.3	12/1989	53.5	1967
7	27.0	1994	27.7	1963	38.1	1896	50.3	1940	59.5	1997	69.3	1927	74.3	1996	72.9	1883	65.0	1918	52.9	1976	42.0	1967	30.0	2000	25.5	1/1982	53.6	1962
8	27.3	1904	28.3	1899	38.1	1887	50.4	1975	59.5	1973	69.3	1916	74.6	2009	73.0	1982	65.1	1883	53.1	1952	42.2	1875	30.9	1962	25.5	2/1979	53.6	1907
9	27.4	2014	28.4	1875	38.2	1984	50.6	1943	59.6	1968	69.4	1982	74.6	1960	73.1	1996	65.2	2001	53.2	1981	42.6	1995	31.1	1910	25.7	1/1912	53.8	1996
10	27.6	2004	28.6	1904; 1885	38.5	2014; 1900; 1891	50.7	1982; 1901	60.2	1924	69.7	1926	74.7	1956; 1888	73.1	1986; 1957; 1954	65.2	1887; 1876	53.2	1964; 1957; 1907	42.6	1962; 1910	31.1	1880	26.0	1/1940	53.8	1966; 1888

Data through 9/2020, Updated 10/11/2020

Data Source: National Weather Service, Baltimore/Washington (Sterling, VA) website: http://www.weather.gov/climate/local_data.php?wfo=lwx
 Local Climatological Data, Baltimore, MD, NOAA: <https://www.ncdc.noaa.gov/IPS/lcd/lcd.html>

Notes: 1) Mean Temperatures are the daily averages between the Maxima and Minima.

2) Values may differ from the original Climatological Data publications due to revisions by the National Centers for Environmental Information (NCEI)/National Weather Service (NWS). Also, January-July 1872, January-March and December 1893, and December 1894 have now been revised to "Missing" when only a few days did not contain data. The Mean Temperature for February 1893 is one of these now missing months; the previous value was 24.3°, which is known and retained for this table. This also affects the Annual data for these three years so are not now available. Additionally, the Average Maximum and Minimum Temperatures for these months and years are also unavailable so cannot be shown on those respective Top-10 Extremes tables.

3) *Italic values* are ties, with the most recent occurrence at the higher rank.

4) This data for Baltimore includes downtown locations (12/1870-7/1950), then Friendship International Airport, renamed Baltimore-Washington International Airport (8/1950-Present).

STATION LOCATIONS	PERIODS OF RECORD
South & Water Streets (SW Corner) - Fireman's Insurance Bldg	12/23/1870 - 12/31/1888
Holliday & E Baltimore Streets (SW Corner) - Neal Office Bldg	1/1/1889 - 5/31/1891
W Monument St & Linden Ave (NW Corner) - Johns Hopkins University Physics Lab	6/1/1891 - 9/6/1895
N Calvert & E Fayette Streets (SW Corner) - Equitable Building	9/7/1895 - 7/31/1896
532 N Howard Street - Johns Hopkins University Treasurer's Bldg	8/1/1896 - 12/31/1907
S Gay & Water Streets - Custom House	1/1/1908 - 7/31/1950
Friendship/Baltimore-Washington International Thurgood Marshall Airport	8/1/1950 - Present

Station data source: NOAA, NCDC, "Local Climatological Data, Baltimore, MD Friendship Int'l AP," 1955;
 NOAA, NCDC, "Local Climatological Data, Baltimore, MD Custom House," 1949 & 1964;
 NOAA, NCDC, "2012 Local Climatological Data, Annual Summary, Baltimore, MD, KBWI."