

BALTIMORE, MARYLAND: TOP-10 EXTREMES

Monthly, Seasonal, and Annual Snowfall

(amounts in inches)

Period of Record: 1883-Present

Rank	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		SEASON (July-June)		ANNUAL (Calendar Year)	
	Highest		Highest		Highest		Highest		Highest		Highest		Highest		Highest		Highest		Highest		Highest		Highest		Highest		Highest	
	Total	Year	Total	Year	Total	Year	Total	Year	Total	Year	Total	Year	Total	Year	Total	Year	Total	Year	Total	Year	Total	Year	Total	Year	Total	Season	Total	Year
1	32.6	1996	50.0	2010	25.6	1892	9.8	1924	T	1963	0.0		0.0		0.0		0.0		2.5	1925	9.7	1898	20.4	1966	77.0	2009-10	59.7	1996
2	31.5	1922	40.5	2003	22.2	1942	8.0	1884	T	1923	0.0		0.0		0.0		0.0		1.3	1940	9.1	1938	20.1	2009	62.5	1995-96	58.1	2010
3	30.0	2016	33.9	1899	21.6	1960	5.1	1916	T	1893	0.0		0.0		0.0		0.0		0.3	1979	8.4	1967	17.1	1904	58.1	2002-03	58.0	2003
4	25.1	1987	33.1	1979	20.5	1891	5.0	1894	T	1891	0.0		0.0		0.0		0.0		T	2011	6.0	1987	15.6	1960	51.8	1963-64	53.2	1966
5	23.1	2000	27.3	1934	14.7	1943	4.5	1915	0.0		0.0		0.0		0.0		0.0		T	2003	5.9	1953	14.7	1932	51.1	1898-99	50.8	1892
6	22.7	1925	27.2	1983	14.7	1937	3.0	1917	0.0		0.0		0.0		0.0		0.0		T	1977	4.8	1908	12.3	1909	49.6	1933-34	48.4	1960
7	22.2	1918	20.1	1967	14.0	1934	2.0	1885	0.0		0.0		0.0		0.0		0.0		T	1972	4.3	1968	12.2	1945	46.5	1960-61	43.3	1935
8	21.4	1966	19.0	1996	13.8	1896	1.7	1944	0.0		0.0		0.0		0.0		0.0		T	1954	3.8	1989	12.1	1910	45.6	1921-22	42.9	1964
9	21.2	1935	18.3	1958	13.7	1958	1.3	1927	0.0		0.0		0.0		0.0		0.0		T	1952	3.7	1978	12.0	1887	44.3	1891-92	41.7	1987
10	16.6	1904	18.2	1964	13.6	1962	1.1	1923, 1887	0.0		0.0		0.0		0.0		0.0		T	1934+	3.2	1961	11.7	1962	43.4	1966-67	41.5	1899
NCEI NORMALS 1991-2020	6.4		7.5		2.8		T		0.0		0.0		0.0		0.0		0.0		T		0.1		2.5		19.3			

Data through 9/30/2026, Updated 10/1/2026

- DATA SOURCE: 1) National Centers for Environmental Information (NCEI): <https://www.ncdc.noaa.gov/IPS/cd/cd.html>
<https://www.ncdc.noaa.gov/IPS/lcd/lcd.html>
- 2) The Maryland Weather Service, Vol. 2, p. 230. The Johns Hopkins Press, Baltimore, 1907:
https://www.google.com/books/edition/Maryland_Weather_Service/-yPAAAMAAJ?hl=en
- 3) National Weather Service (Baltimore-Washington) NOW Data: <https://www.weather.gov/wrh/Climate?wfo=lsx>
- 4) Applied Climate Information System (ACIS): <https://scacis.rcc-acis.org/>
- 5) National Weather Service (Baltimore-Washington): <https://www.weather.gov/media/lwx/climate/bwisnow.pdf>

NOTES: 1) *Italicized values* are ties, with the most recent date at the higher rank.

2) + indicates more occurrences in October, with only the most recent year shown. Prior to 1934, Trace amounts were also reported in 1930, 1929, 1917, 1903, 1895, 1890, 1889.

3) Prior to about 1940, sleet was not included in total snowfall in the Climatological Data publications for many years. This data table has been revised to include both snow and sleet in the totals per the additional information in the Local Climatological Data publications, where available, so current standard National Weather Service protocol is followed. This may result in differing values than previously published.

4) This data for Baltimore includes downtown locations (7/1/1883-7/22/1950, then Friendship/Baltimore-Washington International Airport (7/23/1950-Present). Snowfall data for the period 7/1883 through 2/1892 has not been verified using daily values and should be used with caution, per National Weather Service Forecast Office - Baltimore/Washington.

STATION LOCATIONS	PERIODS OF RECORD
South & Water Streets (SW Corner) - Fireman's Insurance Bldg	7/1/1883 - 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 Univ. 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 - 7/22/1950
Baltimore-Washington (Friendship) International Thurgood Marshall Airport	7/23/1950 - 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, KBWL."