

BALTIMORE, MARYLAND TOP-10 MAXIMUM DAILY/24-HOUR, 2-DAY, AND 3-DAY SNOWFALLS

Period of Record: 7/1883-Present[®]

MAXIMUM DAILY/24-HOUR SNOWFALL

Rank	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		ALL DAYS	
	Total	End Date	Total	End Date	Total	End Date	Total	End Date	Total	End Date	Total	End Date	Total	End Date	Total	End Date	Total	End Date	Total	End Date	Total	End Date	Total	End Date	Total	End Date
1	25.5	1/23/2016*	22.8	2/11/1983*	22.0	3/29/1942*	9.8	4/1/1924*	T	5/1/1963*									2.5	10/31/1925!	9.1	11/25/1938!^	17.0	12/19/2009*	25.5	1/23/2016*
2	24.5	1/28/1922*	21.8	2/16/2003*	13.0	3/6/1962!	8.0	4/9/1884*	T	5/9/1923*									2.4	10/30/1925!	8.6	11/25/1938*	14.1	12/12/1960!	24.5	1/28/1922*
3	16.8	1/8/1996!	20.0	2/19/1979!	12.0	3/18/1892*	4.5	4/3/1915*	T	5/4/1893*									1.3	10/20/1940!	8.4	11/30/1967*	11.5	12/17/1932*	22.8	2/11/1983*
4	15.8	1/7/1996*	16.4	2/19/1979*	11.9	3/14/1993!	4.1	4/8/1916*	T	5/6/1891*									0.9	10/20/1940*	6.0	11/11/1987*	10.6	12/17/1887!	22.0	3/29/1942*
5	14.9	1/25/2000*	16.0	2/6/2010*	11.5	3/22/1964!	4.0	4/10/1894*											0.4	10/19/1940*	5.9	11/7/1953!	10.5	12/17/1932*	21.8	2/16/2003*
6	14.3	1/28/1928*	15.5	2/10/2010*	11.3	3/13/1993*	3.0	4/9/1917*											0.3	10/10/1979*	5.5	11/6/1953*	9.5	12/10/1904*	20.0	2/19/1979!
7	12.5	1/23/1935*	15.5	2/16/1958!	10.4	3/3/1960!	2.0	4/11/1885*											0.1	10/31/1925*	4.5	11/26/1898*	9.3	12/11/1960*	17.0	12/19/2009*
8	12.3	1/22/1987*	15.5	2/13/1899*	10.3	3/8/1941!	1.6	4/5/1944!											T	10/29/2011*	3.7	11/27/1978!	9.0	12/26/1890*	16.8	1/8/1996!
9	12.1	1/30/1966!	11.5	2/15/1958*	10.2	3/4/1909	1.5	4/4/1944*											T	10/22/2003*	3.6	11/14/1908*	8.8	12/25/1909*	16.4	2/19/1979*
10	11.0	1/2/1925*	10.6	2/7/1967!, 2/21/1929*	10.0	3/6/1962*, 3/3/1960*, 3/7/1941*	1.0	4/9/1935*, 4/9/1916*, 4/11/1894*											T	10/17/1977+*	3.5	11/27/1978*	8.5	12/24/1966!	16.0	2/6/2010*

MAXIMUM 2-DAY SNOWFALL

Rank	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		ALL DAYS	
	Total	End Date	Total	End Date	Total	End Date	Total	End Date	Total	End Date	Total	End Date	Total	End Date	Total	End Date	Total	End Date	Total	End Date	Total	End Date	Total	End Date	Total	End Date
1	29.2	1/23/2016	25.0	2/6/2010	22.0	3/30/1942	9.8	4/2/1924	T	5/1/1963									2.5	10/31/1925	9.1	11/25/1938	18.0	12/19/2009	29.2	1/23/2016
2	26.5	1/29/1922	24.4	2/17/2003	13.0	3/6/1962	5.1	4/9/1916	T	5/9/1923									2.4	10/30/1925	8.6	11/26/1938	17.0	12/20/2009	26.5	1/29/1922
3	25.5	1/24/2016	24.2	2/16/2003	12.0	3/18/1892	5.0	4/11/1894	T	5/4/1893									1.3	10/20/1940	8.4	11/30/1967	14.1	12/12/1960	25.5	1/24/2016
4	24.5	1/28/1922	22.8	2/12/1983	11.9	3/14/1993	4.5	4/3/1915	T	5/6/1891									0.9	10/21/1940	6.0	11/11/1987	11.5	12/18/1932	25.0	2/6/2010
5	22.5	1/8/1996	20.3	2/13/1899	11.5	3/22/1964	4.1	4/8/1916											0.4	10/19/1940	5.9	11/7/1953	10.5	12/17/1932	24.5	1/28/1922
6	15.8	1/7/1996	20.0	2/19/1979	11.3	3/13/1993	4.0	4/10/1894											0.3	10/10/1979	5.5	11/6/1953	10.5	12/6/1910	24.4	2/17/2003
7	14.9	1/25/2000	19.5	2/10/2010	10.4	3/3/1960	3.0	4/9/1917											T	10/29/2011	4.8	11/11/1987	10.0	12/26/1909	24.2	2/16/2003
8	14.3	1/28/1928	16.5	2/14/1899	10.3	3/8/1941	1.6	4/5/1944											T	10/22/2003	4.5	11/26/1898	9.5	12/10/1904	22.8	2/11/1983
9	13.2	1/24/1935	16.4	2/20/1979	10.2	3/4/1909	1.5	4/4/1944											T	10/17/1977	3.8	11/23/1989	9.3	12/11/1960	22.5	1/8/1996
10	13.0	1/23/1935	16.0	2/7/2010	10.1	3/4/1960	1.1	4/15/1923											T	10/19/1972+	3.7	11/27/1978	8.8	12/25/1909	22.0	3/30/1942

MAXIMUM 3-DAY SNOWFALL

Rank	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		ALL DAYS	
	Total	End Date	Total	End Date	Total	End Date	Total	End Date	Total	End Date	Total	End Date	Total	End Date	Total	End Date	Total	End Date	Total	End Date	Total	End Date	Total	End Date	Total	End Date
1	29.2	1/23/2016	26.8	2/17/2003	22.0	3/30/1942	9.8	4/3/1924	T	5/1/1963									2.5	10/31/1925	9.1	11/25/1938	18.0	12/19/2009	29.2	1/23/2016
2	26.6	1/9/1996	25.8	2/18/2003	13.0	3/6/1962	5.1	4/9/1916	T	5/9/1923									2.4	10/30/1925	8.6	11/27/1938	17.0	12/21/2009	26.8	2/17/2003
3	26.5	1/29/1922	25.0	2/6/2010	12.0	3/18/1892	5.0	4/11/1894	T	5/4/1893									1.3	10/20/1940	8.4	11/30/1967	14.1	12/12/1960	26.6	1/9/1996
4	25.5	1/25/2016	24.2	2/16/2003	11.9	3/14/1993	4.5	4/4/1915	T	5/6/1891									0.9	10/22/1940	6.5	11/26/1898	11.5	12/18/1932	26.5	1/29/1922
5	24.5	1/28/1922	22.8	2/12/1983	11.7	3/6/1909	4.1	4/8/1916											0.4	10/19/1940	6.0	11/11/1987	10.9	12/7/1910	25.8	2/18/2003
6	22.5	1/8/1996	21.3	2/14/1899	11.5	3/22/1964	4.0	4/10/1894											0.3	10/10/1979	5.9	11/7/1953	10.5	12/17/1932	25.5	1/25/2016
7	15.8	1/7/1996	20.4	2/13/1899	11.3	3/13/1993	3.0	4/10/1917											T	10/29/2011	5.5	11/6/1953	10.5	12/6/1910	25.0	2/6/2010
8	14.9	1/26/2000	20.0	2/19/1979	10.5	3/4/1960	1.7	4/6/1944											T	10/22/2003	4.8	11/15/1908	10.1	12/27/1909	24.5	1/28/1922
9	13.7	1/24/1935	19.5	2/10/2010	10.4	3/3/1960	1.6	4/5/1944											T	10/17/1977	4.5	11/27/1898	10.0	12/26/1909	24.2	2/16/2003
10	13.2	1/25/1935	16.5	2/15/1899	10.3	3/8/1941	1.5	4/4/1944											T	10/19/1972+	4.3	11/12/1968	9.5	12/10/1904	22.8	2/12/1983

Data through 4/30/2023, Updated 5/1/2023

- DATA SOURCE:** 1) NOAA, NCDC Local Climatological Data/U.S. Dept. of Agriculture, Weather Bureau, "Monthly Meteorological Summary, Baltimore, MD" (numerous months).
 2) NOAA, NCDC Maryland/Delaware Climatological Data/U.S. Dept. of Agriculture, Weather Bureau (numerous months).
 3) NOAA, NWS-Sterling website: <https://www.weather.gov/lwx/bwinme>
 4) SC ACIS database website: <https://scacis.rcc-acis.org/>

- NOTES:** 1) [®] Current Baltimore snowfall data dates back to 7/1883. Not all records are available for review for period 1883-1930. Utilized were: NWS-Sterling "Normals, Means, & Extremes" data; available Local Climatological Data and MD/DE Climatological Data pubs; NWS's NOW data, and the ACIS database.
 2) Baltimore's Greatest Snowstorm Totals: 29.2" (2-day period 1/22-23/2016); 28.2" (4-day period 2/15-18/2003); 26.5" (3-day period 1/27-29/1922).
 3) *Italicized values* are ties, with the most recent date at the higher rank.
 4) *Calendar-Day value.
 5) ‡24-Hr Amount, where it can be determined.
 6) The 2- and 3-Day Extremes cover those periods whether Snowfall occurred on all of those days or not (as when a single-day amount supersedes Snowfall occurring on all 2 or 3 days from other events). The date shown is usually the final day that any Snowfall occurred. If a duplicate amount occurs for the same event, only one of those dates is portrayed in this table.
 7) +additional October Trace amounts have occurred in previous years, including 10/30/1954, 10/29/1952; 10/20/1952; 10/25/1930; 10/24/1929 (probably hail), 10/29/1929; 10/30/1917; 10/9/1903; 10/9/1895; 1890; 1889.
 8) The 24-hour amount of 16.0" ending on 2/6/2010, as reported in the Local Climatological Data publication for Baltimore (BWI) by the National Centers for Environmental Information (NCEI), was likely much higher but the publication does not parse out the amount that fell beginning on 2/5/2010 (they heaviest Snow Water Equivalent occurred on either side of midnight). The first hourly measurable Precipitation/Snowfall on 2/5/2010 was recorded at 3:00 PM and, by midnight, 9.0" of Snow had fallen. The measurable Snowfall continued hourly until 4:00 PM on 2/6/2010 with a daily total of 16.0". As there were only 2 hours of minor accumulation overlapping these two time periods, nearly all of the 2-day total of 25.0" would have fallen within 24 hours. Because an exact amount cannot be determined, only the 16.0" daily amount is retained for these tables.

STATION LOCATIONS	PERIOD OF RECORD
South & Water Streets (SW Corner) - Fireman's Insurance Bldg	7/1/1883 - 12/31/1888
Holiday & 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 Univ 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: 1) NOAA, NCDC, "Local Climatological Data, Baltimore, MD Custom House," 1949 & 1964.
 2) NOAA, NCDC, "Local Climatological Data, Annual Summary, Baltimore, MD, KBWI," 2012.