

BALTIMORE, MARYLAND
TOP-10 EXTREMES
MONTHLY, SEASONAL, & ANNUAL NUMBER OF DAYS WITH MEASURABLE PRECIPITATION
 (Days with Measurements of ≥0.01")
 Period of Record: 1/1/1871-Present

RANK	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		ALL MONTHS		ANNUAL		WINTER (Dec-Feb)		SPRING (Mar-May)		SUMMER (Jun-Aug)		AUTUMN (Sep-Nov)		RANK
	Wettest		Wettest		Wettest		Wettest		Wettest		Wettest		Wettest		Wettest		Wettest		Wettest		Wettest		Wettest		Wettest		Wettest		Wettest		Wettest		Wettest				
	# Days	Year	# Days	Year	# Days	Year	# Days	Year	# Days	Year	# Days	Year	# Days	Year	# Days	Year	# Days	Year	# Days	Year	# Days	Year	# Days	Year	# Days	Mo/Year	# Days	Year	# Days	Years	# Days	Year	# Days	Year	# Days	Year	
1	19	1883	19	1886	19	1888	17	1964	21	1882	19	1998	19	1889	21	1873	18	2018	16	1890	18	1977	17	1996	21	5/1882	169	1889	46	1883-1884	47	1952	47	2003	45	1889	1
2	18	1913	19	1884	19	1884	17	1929	20	2003	17	1928	18	1938	19	1931	17	1889	16	1888	16	1992	17	1880	21	8/1873	155	1890	44	1881-1882	47	1890	47	2000	43	1888	2
3	18	1882	18	1962	18	1912	17	1889	18	2016	16	2015	17	1996	18	2020	17	1888	14	1906	16	1948	17	1879	20	5/2003	155	1880	44	1879-1880	46	1882	45	1906	41	1876	3
4	17	1950	17	1899	18	1891	16	2020	18	2009	16	2013	17	1905	18	1955	16	2011	14	1876	16	1921	16	2007	19	6/1998	153	2003	43	1890-1891	45	1889	44	1889	39	2018	4
5	17	1937	16	1891	18	1880	16	1965	18	2004	16	2001	16	2000	18	1872	15	1987	13	2009	16	1889	16	1972	19	2/1986	150	1882	42	1936-1937	44	1912	42	2020	37	1890	5
6	16	1982	16	1887	16	1980	15	2015	18	1894	16	2000	16	1945	17	2003	15	1907	13	2004	15	1897	16	1875	19	3/1898	147	1873	42	1912-1913	43	1898	42	1931	36	2011	6
7	16	1972	15	2021	16	1973	15	2000	18	1890	16	1972	16	1871	17	1974	15	1876	13	1993	14	1997	15	2014	19	7/1889	145	2018	41	1956-1957	43	1884	42	1905	36	2009	7
8	16	1911	15	2018	16	1952	15	1966	17	1952	16	1911	15	2003	17	1875	14	2003	13	1983	14	1898	15	1942	19	3/1884	145	1884	41	1949-1950	42	2004	42	1875	36	1882	8
9	16	1895	15	2003	16	1934	15	1927	17	1940	16	1889	15	1958	16	2011	14	1999	13	1976	14	1880	15	1935	19	2/1884	145	1883	41	1886-1887	42	2003	41	1922	35	2025	9
10	16	1886	15	1961, 1922, 1894, 1885	16	1922, 1890, 1877	15	1918, 1893, 1883, 1874	17	1933, 1889, 1888, 1886	16	1883	15	1941, 1936, 1926, 1925, 1922, 1917, 1904, 1902, 1896, 1876	16	1920, 1906, 1878	14	1996, 1993, 1938, 1873	13	1959, 1937, 1925, 1883, 1882	14	1877	15	1923, 1902, 1897, 1886, 1884, 1881	19	1/1883	144	2020, 1876	41	1884-1885, 1880-1881, 1875-1876	42	1980, 1950, 1929, 1891	41	1903, 1880	34	1992, 1977, 1907, 1877, 1873	10
AVERAGE 1871-2025	10.9		9.7		11.3		10.8		11.5		10.4		10.6		10.3		8.4		8.1		8.9		10.1			121.1		30.8		33.7		31.3		25.4		AVERAGE 1871-2025	
AVERAGE 1991-2020	10.1		9.2		11.0		11.2		11.9		11.3		10.4		9.6		9.1		8.6		8.5		10.3			121.3		29.8		34.1		31.2		26.3		AVERAGE 1991-2020	
30-YEAR RUNNING AVERAGE 2001-2030	9.6		9.4		10.3		10.7		12.4		11.1		10.6		10.4		9.2		8.8		8.4		10.3			121.4		29.1		33.3		32.1		26.5		30-YEAR RUNNING AVERAGE 2001-2030	
RANK	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		ALL MONTHS		ANNUAL		WINTER (Dec-Feb)		SPRING (Mar-May)		SUMMER (Jun-Aug)		AUTUMN (Sep-Nov)		RANK
	Driest		Driest		Driest		Driest		Driest		Driest		Driest		Driest		Driest		Driest		Driest		Driest		Driest		Driest		Driest		Driest		Driest		Driest		
	# Days	Year	# Days	Year	# Days	Year	# Days	Year	# Days	Year	# Days	Year	# Days	Year	# Days	Year	# Days	Year	# Days	Year	# Days	Year	# Days	Year	# Days	Mo/Year	# Days	Year	# Days	Years	# Days	Year	# Days	Year	# Days	Year	
1	4	1967	3	1977	2	2006	4	1942	1	1964	4	1967	3	1963	3	1998	2	1941	0	1963	3	2012	2	1965	0	10/1963	90	1941	17	1900-1901	18	1977	19	1953	12	1914	1
2	4	1896	3	1968	4	1988	4	1899	4	1969	5	2017	3	1955	4	2008	2	1927	1	1920	3	1914	2	1955	1	5/1964	91	1930	18	1943-1944	19	1986	20	2002	14	1922	2
3	5	2000	3	1952	4	1915	5	1985	4	1939	5	1986	4	1998	5	2006	2	1884	2	2024	4	2016	3	1943	1	10/1920	96	1909	19	1999-2000	21	1871	20	1991	15	1941	3
4	5	1981	4	2017	5	2021	5	1976	5	1986	5	1908	4	1993	5	1962	3	2019	2	1974	4	1976	4	1971	2	10/2024	97	1963	20	1976-1977	22	1930	21	1983	16	2001	4
5	5	1931	4	2004	5	1986	5	1971	5	1957	6	2024	4	1983	5	1957	3	1968	2	1924	4	1939	5	1979	2	3/2006	98	1964	20	1913-1914	23	1988	21	1966	16	2000	5
6	5	1928	4	1901	5	1981	6	1977	5	1930	6	2002	5	1974	5	1941	4	2007	2	1904	4	1922	5	1913	2	10/1974	99	1988	21	2025-2026	23	1976	22	1997	16	1964	6
7	5	1871	5	2009	5	1910	6	1960	5	1880	6	1992	5	1957	5	1909	4	2005	2	1874	4	1917	5	1896	2	12/1965	99	1986	21	2003-2004	23	1941	22	1988	16	1953	7
8	6	2026	5	1987	6	2025	6	1919	6	2007	6	1991	5	1953	6	2016	4	1986	3	2000	4	1908	6	2006	2	12/1955	99	1914	21	1930-1931	24	2013	22	1962	16	1908	8
9	6	1933	5	1947	6	2013	6	1871	6	1999	6	1988	5	1952	6	2002	4	1983	3	1967	4	1901	6	2000	2	9/1941	100	1991	22	1965-1966	24	2007	22	1957	17	2016	9
10	6	1924, 1901	5	1942, 1941, 1885	6	1995, 1977, 1941, 1930	7	2010, 1941, 1932, 1931, 1909, 1886, 1876	6	1977, 1936, 1925, 1914	6	1969, 1962, 1954, 1949, 1943, 1913, 1898, 1890	5	1924, 1909	6	1995, 1991, 1976, 1970, 1953, 1930, 1916, 1895, 1893	4	1970, 1922, 1919, 1910, 1908, 1898, 1897, 1871	3	1958, 1914, 1892	5	2001, 1999, 1998, 1981, 1964, 1941, 1918, 1912, 1906, 1899	6	1988, 1963, 1960, 1958, 1888, 1885	2	9/1927, 10/1924, 10/1904, 9/1884, 10/1874	101	2006, 1965	22	1941-1942	24	2006, 1969, 1957	22	1943, 1930	17	1963, 1931, 1909, 1905	10

Data through 3/31/2026, Updated 4/14/2026

DATA SOURCE: 1) National Weather Service, Baltimore/Washington (Sterling, VA) website: <https://www.weather.gov/wrh/Climate?wfo=lwx>
 2) Local Climatological Data, Baltimore, MD, NOAA: <https://www.ncdc.noaa.gov/IPS/lcd/lcd.html?>

DATA NOTES: 1) Seasons are Meteorological and are thus: Winter = Jan, Feb, Mar; Spring = Mar, Apr, May; Summer = Jun, Jul, Aug; Autumn = Sep, Oct, Nov.
 2) Tie values are in chronological order, having the most recent occurrence at the higher rank.
 3) This data for Baltimore includes downtown locations (1/1/1871-7/22/1950) then Baltimore-Washington International Thurgood Marshall Airport (7/23/1950-Present), formerly Friendship International Airport.

- 4) *Italic Value with this color background is a current, incomplete amount to be updated, as necessary.*
- 5) Data with a gray background indicates existing data that will be updated once that time period is complete.
- 6) Continuing Averages are only through the most recently completed month, season, or year for the related category.

STATION LOCATIONS	PERIODS OF RECORD
South & Water Streets (SW Corner) - Fireman's Insurance Bldg	12/23/1870-12/31/1888
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 University Treasurer's Bldg	8/1/1896-12/31/1907
S Gay & Water Streets - Custom House	1/1/1908-7/22/1950
Baltimore-Washington International Thurgood Marshall Airport (Formerly Friendship Int'l Airport)	7/23/1950-Present

STATION DATA SOURCE: 1) NOAA, NCDC, "Local Climatological Data, Baltimore, MD Friendship Int'l AP," 1955;
 2) NOAA, NCDC, "Local Climatological Data, Baltimore, MD Custom House," 1949 & 1964;
 3) NOAA, NCDC, "2012 Local Climatological Data, Annual Summary, Baltimore, MD, KBWI."

STATION NOTES: 1) 8" rain gauge through entire period.
 2) Additionally, a tipping bucket rain gauge added 6/13/1897.