

TOP-10 EXTREMES: MONTHLY, SEASONAL, & ANNUAL PRECIPITATION

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																					
	Precip	Year	Precip	Year	Precip	Year	Precip	Year	Precip	Year	Precip	Year	Precip	Mo/Year	Precip	Year	Precip	Years																				
	Precip	Year	Precip	Year	Precip	Year	Precip	Year	Precip	Year	Precip	Year	Precip	Year	Precip	Year	Precip	Year																				
1	7.84	1979	7.16	1979	8.64	1994	8.70	1889	8.71	1989	13.09	2015	16.73	2018	18.35	1978-1979	21.23	1889	25.38	1955	20.02	2018	1															
2	7.34	1978	7.07	1896	8.12	1993	8.60	1914	8.42	2009	9.95	1972	11.03	1889	13.83	1933	12.41	1934	8.92	2012	7.68	1952	7.44	1969	16.73	7/2018	62.66	2003	17.36	1936-1937	18.82	1983	25.34	2018	19.56	2006	2	
3	6.81	1915	6.70	2003	7.94	1891	8.15	1952	8.17	2018	9.36	1948	10.65	1905	12.28	1911	11.50	1999	8.09	1976	7.05	1972	7.16	2023	13.83	8/1933	62.35	1889	15.90	1914-1915	18.35	1924	22.66	1920	19.08	2011	3	
4	6.80	1996	6.69	1884	7.59	1881	7.92	1937	7.77	2008	9.16	1963	9.68	1945	11.81	2020	10.52	1877	7.75	1942	6.92	1947	7.10	1936	13.32	9/2011	58.98	1979	15.77	2023-2024	17.89	1952	21.55	1905	18.15	2003	4	
5	6.77	2024	6.52	1939	7.20	1892	7.76	1910	7.26	1894	8.80	1951	9.43	1884	10.91	1971	9.38	1882	7.75	1937	6.85	1963	7.07	1991	13.09	6/2015	58.31	1996	15.41	1880-1881	17.60	1953	21.33	1911	17.75	1902	5	
6	6.74	1937	6.40	1998	6.80	1983	7.58	1933	7.10	1960	8.25	1920	8.77	2005	10.38	2011	9.19	2018	7.62	2013	6.85	1887	6.77	1996	12.41	9/1934	57.38	2020	15.05	2015-2016	17.35	1933	21.19	2020	17.34	1877	6	
7	6.42	1892	6.21	1971	6.80	1953	7.42	1895	7.07	1886	8.08	1883	8.69	2004	9.94	1915	8.75	1912	7.17	1932	6.50	1962	6.72	1983	12.28	8/1911	56.57	1952	15.07	1948-1949	16.70	1892	20.82	1933	16.87	1934	7	
8	6.13	1949	6.01	1972	6.66	1924	6.99	1940	6.88	1897	7.81	2013	8.32	1887	9.70	1928	8.62	1975	6.90	1927	6.46	1926	6.54	2018	11.81	8/2020	56.52	2011	15.07	1887-1882	16.33	2014	19.04	2015	16.18	1971	8	
9	5.94	1936	5.70	2016	6.64	1912	6.79	1918	6.85	2025	7.81	1883	8.18	1960	9.49	1873	8.52	1907	6.88	1971	6.45	1889	6.36	1978	11.50	9/1999	55.57	2009	14.90	1902-1903	16.29	2009	18.86	1906	16.08	1966	9	
10	5.85	1987, 1932	5.68	1881	6.50	1942	6.73	1929	6.82	1889	7.77	1941	8.08	1886	9.47	1920	8.50	1966	6.85	1902	6.35	2020	5.99	1945	11.03	7/1889	54.71	1948	14.80	1901-1902	16.11	1989	18.83	1979	16.06	1876	10	
AVERAGES 1871-2023	3.25		3.11		3.72		3.40		3.71		3.75		4.29		4.32		3.70		3.22		2.97		3.29					42.73		9.66		10.84		12.37		9.89		AVERAGES 1871-2023
NORMALS 1991-2020	3.08		2.90		4.01		3.39		3.85		3.98		4.48		4.09		4.44		3.94		3.13		3.71					45.00		9.69		11.25		12.55		11.51		NORMALS 1991-2020
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																					
	Precip	Year	Precip	Year	Precip	Year	Precip	Year	Precip	Year	Precip	Year	Precip	Mo/Year	Precip	Year	Precip	Years																				
	Precip	Year	Precip	Year	Precip	Year	Precip	Year	Precip	Year	Precip	Year	Precip	Year	Precip	Year	Precip	Year																				
1	0.29	1955	0.26	2009	0.18	2006	0.39	1985	0.37	1986	0.15	1954	0.30	1955	0.64	1877	0.09	1884	T	1963	0.31	1981	0.20	1955	T	10/1963	21.55	1930	4.03	1976-1977	3.97	1986	4.39	1930	1.87	1930	1	
2	0.49	1981	0.36	2002	0.46	1910	0.88	1942	0.43	1964	0.84	1988	0.64	1930	0.77	1951	0.16	2019	0.05	1924	0.44	1922	0.37	1896	0.05	10/1924	27.89	1954	4.12	1980-1981	4.89	1969	4.53	1966	2.81	1941	2	
3	0.88	1872	0.56	1978	0.93	1966	0.88	1922	0.55	2023	0.90	1901	0.69	1963	0.78	1930	0.21	1967	0.08	2000	0.52	1917	0.61	1889	0.08	10/2000	28.22	1965	4.28	2001-2002	5.05	2006	5.38	1991	3.22	2001	3	
4	0.94	1970	0.63	1977	0.96	1986	1.09	1908	0.55	1957	0.94	1873	0.85	1974	0.83	1916	0.32	1906	0.16	1874	0.56	1976	0.63	1965	0.09	9/1884	30.16	1991	4.30	1871-1872	5.28	1957	5.55	1998	3.46	1998	4	
5	0.99	1967	0.65	1901	0.99	1987	1.26	1978	0.94	2007	1.01	1925	0.95	1910	0.86	1943	0.35	2007	0.17	1920	0.65	1882	0.70	1980	0.15	6/1954	31.22	1981	4.51	1979-1980	5.62	1915	5.95	1893	4.15	1967	5	
6	1.00	2018	0.72	1968	1.06	1915	1.27	1976	1.00	1900	1.06	1988	1.13	1929	0.86	1909	0.37	1930	0.26	1928	0.68	1965	0.82	2021	0.16	9/2019	31.57	1980	5.17	1990-1991	5.74	2012	6.02	1954	4.44	1978	6	
7	1.26	2004	0.73	1991	1.14	1981	1.31	2016	1.16	1991	1.08	1991	1.25	1957	0.91	1998	0.46	1970	0.26	1892	0.71	2012	0.84	1985	0.16	10/1874	32.15	1893	5.25	1930-1931	6.16	2023	6.43	1894	4.52	1965	7	
8	1.27	1992	0.83	1895	1.19	1894	1.32	2001	1.17	1914	1.08	1908	1.31	1983	0.95	1982	0.50	1941	0.36	2024	0.73	1930	0.87	1979	0.17	10/1920	32.30	1988	5.60	1958-1959	6.23	1900	6.55	1909	4.60	1884	8	
9	1.36	1977	0.94	1974	1.38	1893	1.37	1950	1.22	1883	1.11	1874	1.31	1909	1.11	1922	0.56	1955	0.37	1930	0.74	1890	0.95	2017	0.18	3/2006	32.72	1925	5.69	1954-1955	6.25	1926	6.82	1993	4.68	1936	9	
10	1.38	1969, 1927	0.98	1925	1.41	1945, 1874	1.37	1915, 1885	1.23	1880	1.18	1966	1.40	1881	1.13	2013	0.58	1986	0.51	1952	0.76	1939	0.95	1937	0.20	12/1955	33.46	1871	5.73	1968-1969	6.52	1925	7.02	1964, 1923	4.77	1879	10	

Data through 7/31/2026, Updated 8/1/2026

DATA SOURCE: 1) National Weather Service, Baltimore/Washington (Sterling, VA) web <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) *Italic values* are ties, with 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.*

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 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.