

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 | Year | # Days | Year | # Days | Year | # 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 | 2/1886 | 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 | | 10.6 | | 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 | Year | # Days | Year | # Days | Year | # 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 5/7/2026, Updated 5/8/2026

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.