

| STATE OF MARYLAND: TOP-10 EXTREMES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------------|------------|-------------------|------|-------------------|------|-------------------|------|-------------------|------------|-------------------|------|-------------------|------|-------------------|------------|-------------------|------------|----------------------------|------------|-------------------|------|-------------------|------------|-------------------|--------|-------------------|--------|-------------------|-----------|-------------------|-----------|-------------------|------|-------------------|------------------|------|------|---|
| Statewide Average Monthly, Seasonal, & Annual Temperatures | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (in degrees Fahrenheit) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Period of Record: 1895-Present | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HIGHEST AVERAGE MAXIMUM TEMPERATURES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | | |
| | High Maximum Temp | Year | High Maximum Temp | Year | High Maximum Temp | Year | High Maximum Temp | Year | High Maximum Temp | Year | High Maximum Temp | Year | High Maximum Temp | Year | High Maximum Temp | Year | High Maximum Temp | Year | High Maximum Temp | Year | High Maximum Temp | Year | High Maximum Temp | Year | High Maximum Temp | Year | High Maximum Temp | Year | High Maximum Temp | Year | High Maximum Temp | Year | High Maximum Temp | Year | High Maximum Temp | Year | | | |
| 1 | 54.4 | 1950 | 54.8 | 2017 | 65.2 | 1945 | 70.5 | 2026 | 80.6 | 1991 | 87.7 | 1925 | 90.6 | 2011 | 88.9 | 1950 | 84.9 | 1950 | 74.4 | 2007 | 63.1 | 2001 | 57.3 | 2015 | 90.6 | 7/2011 | 67.7 | 2023 | 51.3 | 1931-1932 | 69.3 | 2012 | 67.9 | 2010 | 71.7 | 1931 | 1 | | |
| 2 | 52.1 | 1932 | 54.0 | 1976 | 64.9 | 1921 | 70.5 | 2024 | 80.4 | 1911 | 87.2 | 1943 | 90.5 | 2020 | 88.3 | 2002 | 83.1 | 1998 | 73.1 | 1941 | 61.9 | 2020 | 53.5 | 2021 | 90.5 | 7/2002 | 67.7 | 2019 | 50.7 | 2001-2002 | 68.4 | 2026 | 67.2 | 1943 | 71.5 | 1941 | 2 | | |
| 3 | 50.9 | 1913 | 53.4 | 2023 | 64.0 | 2012 | 70.2 | 2017 | 80.2 | 1944 | 86.6 | 2010 | 90.5 | 2070 | 88.1 | 2016 | 83.0 | 2005 | 72.9 | 1947 | 61.2 | 1991 | 53.3 | 1984 | 90.5 | 7/2010 | 67.5 | 2024 | 50.0 | 2022-2023 | 68.4 | 1927 | 67.1 | 2002 | 70.3 | 2007 | 3 | | |
| 4 | 50.4 | 2023 | 53.0 | 1980 | 61.2 | 2025 | 70.1 | 1994 | 79.8 | 2004 | 85.9 | 2024 | 90.2 | 1999 | 88.0 | 1943 | 82.8 | 1921 | 72.2 | 1963 | 61.2 | 1991 | 53.2 | 2006 | 90.2 | 7/1999 | 67.2 | 1988 | 49.5 | 2011-2012 | 68.0 | 2010 | 66.9 | 2011 | 69.9 | 2016 | 4 | | |
| 5 | 50.4 | 2006 | 51.5 | 2002 | 61.1 | 2026 | 70.1 | 1960 | 79.3 | 2018 | 85.6 | 2008 | 90.1 | 2012 | 87.5 | 2006 | 82.7 | 1919 | 72.0 | 2021 | 60.9 | 2015 | 52.2 | 2001 | 90.1 | 7/2012 | 67.1 | 1991 | 48.9 | 2016-2017 | 67.9 | 1977 | 66.8 | 1988 | 69.9 | 2005 | 5 | | |
| 6 | 49.9 | 1990 | 51.7 | 1954 | 61.1 | 1948 | 70.0 | 2010 | 79.0 | 1916 | 85.6 | 1994 | 89.7 | 1998 | 89.7 | 1994 | 82.7 | 1991 | 71.8 | 2017 | 60.9 | 2003 | 51.9 | 1923 | 89.7 | 7/1998 | 67.1 | 1990 | 48.7 | 2023-2024 | 67.9 | 1945 | 66.7 | 2024 | 69.7 | 2001 | 6 | | |
| 7 | 49.2 | 1933 | 51.1 | 1909 | 60.4 | 2016 | 69.8 | 1985 | 78.9 | 2010 | 85.5 | 1934 | 89.1 | 1982 | 87.1 | 1989 | 82.4 | 1981 | 71.7 | 1920 | 60.8 | 1994 | 51.8 | 1926 | 89.8 | 1/1909 | 66.8 | 1920 | 66.8 | 1920 | 66.8 | 1920 | 66.8 | 1920 | 66.8 | 1920 | 7 | | |
| 8 | 48.8 | 1937 | 50.8 | 2018 | 60.0 | 2000 | 69.3 | 1915 | 78.7 | 1965 | 85.2 | 1952 | 89.3 | 1997 | 87.3 | 1995 | 82.2 | 1970 | 71.5 | 1919 | 60.7 | 1975 | 51.8 | 1956 | 89.3 | 7/1987 | 66.8 | 2006 | 48.4 | 2019-2020 | 67.3 | 1991 | 66.5 | 1987 | 69.5 | 2024 | 8 | | |
| 9 | 48.6 | 1949 | 50.5 | 1925 | 59.8 | 1910 | 69.1 | 1941 | 78.0 | 2012 | 84.9 | 1923 | 89.3 | 1934 | 87.1 | 1986 | 82.2 | 1947 | 71.2 | 1931 | 60.6 | 2024 | 51.5 | 1931 | 89.3 | 7/1934 | 66.7 | 2021 | 48.4 | 1990-1991 | 67.2 | 1985 | 66.5 | 1930 | 60.4 | 1946 | 9 | | |
| 10 | 48.4 | 2002, 1998 | 50.4 | 1949 | 59.2 | 2020 | 69.0 | 1921 | 77.9 | 1896 | 84.8 | 2011 | 89.3 | 1930 | 87.0 | 1938, 1932 | 81.9 | 2010 | 70.9 | 1995, 1984 | 60.2 | 2011 | 51.3 | 2011, 1998 | 89.3 | 7/1930 | 66.7 | 2002 | 48.4 | 1948-1949 | 67.0 | 2024 | 66.4 | 2020 | 69.3 | 2015, 1986, 1900 | 10 | | |
| AVERAGE MAXIMUMS 1991-2023 | | 42.5 | 45.7 | 53.8 | 65.6 | 74.3 | 82.5 | 86.9 | 84.9 | 78.4 | 67.6 | 56.1 | 46.7 | 65.4 | 45.0 | 64.6 | 84.8 | 67.4 | AVERAGE MAXIMUMS 1991-2023 | | | | | | | | | | | | | | | | | | | | |
| LOWEST AVERAGE MAXIMUM TEMPERATURES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | | |
| | Low Minimum Temp | Year | Low Minimum Temp | Year | Low Minimum Temp | Year | Low Minimum Temp | Year | Low Minimum Temp | Year | Low Minimum Temp | Year | Low Minimum Temp | Year | Low Minimum Temp | Year | Low Minimum Temp | Year | Low Minimum Temp | Year | Low Minimum Temp | Year | Low Minimum Temp | Year | Low Minimum Temp | Year | Low Minimum Temp | Year | Low Minimum Temp | Year | Low Minimum Temp | Year | Low Minimum Temp | Year | Low Minimum Temp | Year | | | |
| 1 | 28.7 | 1918 | 31.9 | 1979 | 40.9 | 1960 | 56.8 | 1907 | 67.8 | 1967 | 74.3 | 1907 | 81.6 | 2000 | 77.7 | 1927 | 71.9 | 1917 | 59.0 | 1925 | 46.9 | 1910 | 33.2 | 1989 | 28.7 | 1/1918 | 60.7 | 1994 | 35.5 | 1917-1918 | 59.1 | 1940 | 79.7 | 1903 | 61.6 | 1917 | 1 | | |
| 2 | 29.8 | 1977 | 32.4 | 1934 | 44.3 | 1906 | 57.4 | 1901 | 67.9 | 1917 | 74.6 | 1903 | 81.6 | 1895 | 79.1 | 1903 | 72.7 | 1928 | 60.6 | 1976 | 47.7 | 1910 | 33.9 | 1917 | 29.8 | 1/1977 | 60.9 | 1917 | 35.7 | 1904-1905 | 59.4 | 1924 | 79.8 | 1927 | 62.2 | 1976 | 2 | | |
| 3 | 30.1 | 1940 | 32.7 | 1895 | 44.8 | 1916 | 57.9 | 1975 | 68.2 | 1924 | 76.6 | 1927 | 82.5 | 1979 | 79.6 | 1940 | 72.7 | 1924 | 61.8 | 1988 | 49.3 | 1996 | 35.8 | 1910 | 30.1 | 1/1940 | 61.4 | 1907 | 35.8 | 1935-1936 | 59.7 | 1984 | 79.8 | 1907 | 63.4 | 1907 | 3 | | |
| 4 | 32.1 | 1912 | 33.0 | 1926 | 42.4 | 1915 | 57.9 | 1940 | 68.4 | 2000 | 78.9 | 1910 | 82.6 | 1983 | 87.1 | 1989 | 82.4 | 1981 | 71.7 | 1920 | 60.8 | 1994 | 51.8 | 1926 | 69.4 | 2/1926 | 51.9 | 1940 | 48.5 | 1940-1954 | 67.6 | 2025 | 61.1 | 1922 | 63.6 | 1922 | 4 | | |
| 5 | 34.1 | 1948 | 33.2 | 1978 | 45.7 | 1958 | 58.2 | 1964 | 68.8 | 1907 | 77.2 | 1916 | 82.6 | 1998 | 80.6 | 1960 | 73.2 | 1972 | 61.9 | 1989 | 59.6 | 2000 | 36.5 | 1963 | 32.1 | 1/1912 | 61.5 | 1958 | 37.0 | 1977-1978 | 60.4 | 1916 | 67.3 | 1992 | 63.6 | 1967 | 5 | | |
| 6 | 34.4 | 1994 | 34.9 | 1902 | 46.0 | 1947 | 58.5 | 1911 | 69.6 | 1920 | 77.4 | 1927 | 82.9 | 1996 | 80.6 | 1968 | 73.8 | 1918 | 62.2 | 1907 | 50.5 | 1995 | 37.0 | 1945 | 32.4 | 2/1934 | 62.0 | 1924 | 37.4 | 1919-1920 | 60.4 | 1901 | 67.3 | 1979 | 63.8 | 1901 | 6 | | |
| 7 | 34.4 | 1982 | 34.9 | 1899 | 46.2 | 1937 | 58.6 | 1961 | 69.7 | 1961 | 77.6 | 1974 | 83.0 | 2007 | 80.8 | 1907 | 74.3 | 2006 | 62.2 | 1985 | 50.5 | 1904 | 37.4 | 1914 | 32.7 | 2/1895 | 62.0 | 1907 | 38.1 | 1901-1902 | 60.5 | 1901 | 61.3 | 1910 | 63.9 | 1940 | 7 | | |
| 8 | 34.6 | 1934 | 35.3 | 1936 | 46.2 | 1974 | 58.9 | 1935 | 69.9 | 2016 | 79.0 | 1962 | 83.0 | 1962 | 80.9 | 1967 | 74.9 | 1962 | 62.5 | 1981 | 50.7 | 1947 | 37.4 | 1924 | 33.0 | 3/1966 | 62.3 | 1926 | 38.3 | 1962-1963 | 60.6 | 1958 | 61.4 | 1916 | 63.9 | 1927 | 8 | | |
| 9 | 34.8 | 1970 | 35.4 | 2015 | 46.2 | 1896 | 58.8 | 1904 | 69.9 | 1973 | 78.1 | 1928 | 83.6 | 1996 | 81.0 | 1916 | 74.4 | 1969 | 62.6 | 1967 | 50.7 | 1911 | 37.9 | 2000 | 32.2 | 3/1969 | 62.2 | 1909 | 38.5 | 1976-1977 | 60.6 | 1950 | 61.5 | 1912 | 64.0 | 1925 | 9 | | |
| 10 | 34.8 | 1920 | 35.6 | 1904 | 46.4 | 1984 | 58.9 | 1898 | 70.0 | 2005, 1935 | 78.2 | 1955 | 83.1 | 1978 | 81.2 | 1920 | 74.7 | 1963, 1938 | 62.8 | 1909 | 50.8 | 1951 | 37.9 | 1958 | 33.2 | 2/1978 | 62.4 | 1936 | 39.0 | 1913-1912 | 60.6 | 1985 | 61.5 | 1904 | 64.1 | 1996 | 10 | | |
| HIGHEST AVERAGE MINIMUM TEMPERATURES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | | |
| | High Minimum Temp | Year | High Minimum Temp | Year | High Minimum Temp | Year | High Minimum Temp | Year | High Minimum Temp | Year | High Minimum Temp | Year | High Minimum Temp | Year | High Minimum Temp | Year | High Minimum Temp | Year | High Minimum Temp | Year | High Minimum Temp | Year | High Minimum Temp | Year | High Minimum Temp | Year | High Minimum Temp | Year | High Minimum Temp | Year | High Minimum Temp | Year | High Minimum Temp | Year | | | | | |
| 1 | 35.9 | 1932 | 32.6 | 2017 | 41.4 | 2012 | 48.8 | 2017 | 58.8 | 2004 | 65.8 | 1943 | 70.2 | 2025 | 68.0 | 2018 | 65.6 | 2018 | 53.8 | 2021 | 43.5 | 1985 | 40.0 | 2015 | 70.1 | 7/2025 | 47.5 | 2024 | 32.2 | 1931-1932 | 47.0 | 2012 | 66.6 | 2010 | 50.4 | 2018 | 1 | | |
| 2 | 33.8 | 1959 | 32.4 | 2018 | 41.4 | 1921 | 49.9 | 2019 | 58.6 | 2016 | 65.6 | 2010 | 69.6 | 2019 | 68.0 | 2019 | 68.0 | 2019 | 62.0 | 2019 | 43.2 | 1911 | 41.0 | 2009 | 34.0 | 2021 | 69.6 | 7/2020 | 47.6 | 2020 | 31.2 | 1987-1988 | 46.8 | 2024 | 66.5 | 2020 | 50.3 | 1900 | 2 |
| 3 | 33.8 | 1937 | 32.3 | 2023 | 39.4 | 1945 | 46.6 | 2026 | 57.3 | 2019 | 64.5 | 2025 | 69.4 | 2012 | 67.8 | 2021 | 67.8 | 2021 | 52.4 | 1919 | 40.4 | 2003 | 33.9 | 2012 | 69.4 | 7/2012 | 47.3 | 2012 | 31.1 | 2016-2017 | 46.2 | 2004 | 66.1 | 2016 | 49.6 | 1917 | 3 | | |
| 4 | 33.7 | 2023 | 32.3 | 1998 | 39.3 | 2020 | 48.3 | 2011 | 57.3 | 2012 | 64.0 | 2015 | 69.0 | 2024 | 67.8 | 2020 | 61.8 | 1980 | 62.3 | 2007 | 40.3 | 1931 | 33.8 | 1984 | 69.0 | 7/2024 | 47.0 | 2021 | 30.9 | 2023-2024 | 46.0 | 2025 | 66.0 | 2005 | 49.4 | 1985 | 4 | | |
| 5 | 32.1 | 1998 | 31.8 | 2020 | 38.7 | 1903 | 46.1 | 2024 | 57.0 | 1991 | 63.9 | 1989 | 69.0 | 2013 | 67.8 | 1996 | 61.0 | 2011 | 52.2 | 1984 | 40.2 | 2015 | 33.8 | 1956 | 69.0 | 7/2013 | 46.9 | 2023 | 30.9 | 2022-2023 | 45.7 | 2010 | 65.9 | 2021 | 49.1 | 2016 | 5 | | |
| 6 | 31.7 | 1908 | 30.9 | 2024 | 36.8 | 1918 | 44.4 | 1921 | 53.7 | 1994 | 60.8 | 2016 | 65.6 | 2019 | 68.0 | 2019 | 68.0 | 2019 | 62.0 | 2019 | 43.2 | 1911 | 41.0 | 2009 | 34.0 | 2021 | 69.6 | 7/2020 | 47.6 | 2020 | 31.2 | 1987-1988 | 46.8 | 2024 | 66.5 | 2020 | 50.3 | 1900 | 6 |
| 7 | 31.4 | 1949 | 30.9 | 1909 | 38.1 | 1973 | 45.6 | 2025 | 58.3 | 2015 | 63.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |