

BALTIMORE MARYLAND

TOP-10 EXTREMES: HIGHEST & LOWEST AVERAGE MONTHLY, SEASONAL, & ANNUAL TEMPERATURES

(In degrees Fahrenheit)

Period of Record: 12/23/1870-Present

HIGHEST AVERAGE MONTHLY MAXIMUM TEMPERATURES

Table with 20 columns (RANK, JANUARY-DECEMBER, ALL MONTHS, ANNUAL, WINTER, SPRING, SUMMER, AUTUMN, RANK) and 10 rows of data for highest average monthly maximum temperatures.

LOWEST AVERAGE MONTHLY MAXIMUM TEMPERATURES

Table with 20 columns (RANK, JANUARY-DECEMBER, ALL MONTHS, ANNUAL, WINTER, SPRING, SUMMER, AUTUMN, RANK) and 10 rows of data for lowest average monthly maximum temperatures.

HIGHEST AVERAGE MONTHLY MINIMUM TEMPERATURES

Table with 20 columns (RANK, JANUARY-DECEMBER, ALL MONTHS, ANNUAL, WINTER, SPRING, SUMMER, AUTUMN, RANK) and 10 rows of data for highest average monthly minimum temperatures.

LOWEST AVERAGE MONTHLY MINIMUM TEMPERATURES

Table with 20 columns (RANK, JANUARY-DECEMBER, ALL MONTHS, ANNUAL, WINTER, SPRING, SUMMER, AUTUMN, RANK) and 10 rows of data for lowest average monthly minimum temperatures.

HIGHEST AVERAGE MONTHLY MEAN TEMPERATURES

Table with 20 columns (RANK, JANUARY-DECEMBER, ALL MONTHS, ANNUAL, WINTER, SPRING, SUMMER, AUTUMN, RANK) and 10 rows of data for highest average monthly mean temperatures.

LOWEST AVERAGE MONTHLY MEAN TEMPERATURES

Table with 20 columns (RANK, JANUARY-DECEMBER, ALL MONTHS, ANNUAL, WINTER, SPRING, SUMMER, AUTUMN, RANK) and 10 rows of data for lowest average monthly mean temperatures.

Data through 2/28/2026, Updated 3/1/2026

DATA SOURCE: 1) National Weather Service, Baltimore/Washington (Sterling, VA) website: https://www.weather.gov/hrh/Climate?rfo=hrh
2) Local Climatological Data, Baltimore, MD, NOAA: https://www.ncdc.noaa.gov/lcd/lcd.html
3) National Centers for Environmental Information (NCEI): https://www.ncel.noaa.gov/access/us-climate-normal/

NOTES: 1) Mean Temperatures are simply the daily averages between the Maxima and Minima.
2) Italic values are ties, with the most recent occurrence at the higher rank, with multiple dates shown when tied at #10.
3) Some values may differ from the original Climatological Data publications due to revisions by the National Centers for Environmental Information (NCEI)/National Weather Service (NWS). Due to this, the following months have now been revised to "Missing" in those databases even though only a few days contained missing data, including January-July, 1872, January-March and December 1893, and December 1894. The maximum/minimum Mean Temperatures for January 1895 are the only of these "missing" months to affect the above monthly Tables as they were 30.6°/18.5°/24.6° but revised to 31.1°/17.4°/22.5° (this Mean Temperature is not simply the Average Maximum and Minimum divided by 2 as some days only have a Maximum missing while others only a Minimum missing so the Means for all of these days are completely missing but those known Max. and Min. values are included in the calculations in those specific categories). These revised values are incorporated into the above tables. The above "missing" months now affect the Annual data for these three years so have been updated with the aforementioned revised data.
4) Seasons are meteorological and are thus: Winter = Dec., Jan., Feb.; Spring = Mar., Apr., May; Summer = June, July, Aug.; Autumn = Sep., Oct., Nov.
5) This data for Baltimore includes downtown locations (12/23/1870-7/22/1871), then Friendship International Airport, renamed Baltimore-Washington Airport (7/23/1950-Present).

STATION LOCATIONS and PERIODS OF RECORD table with 2 columns and 5 rows of data.

STATION DATA SOURCE: 1) NOAA, NCDC, "Local Climatological Data, Baltimore, MD Friendship Intl Apt," 1955.
2) NOAA, NCDC, "Local Climatological Data, Baltimore, MD Custom House," 1949 & 1964.
3) NOAA, NCDC, "2012 Local Climatological Data, Annual Summary, Baltimore, MD, BWB1."
STATION NOTE: Automated Surface Observing System (ASOS) implemented at BWI on 4/1/1996.