

**INDEPENDENCE DAY WEATHER
BALTIMORE, MARYLAND
July 4th: 1871-2025**

YEAR	MAXIMUM TEMP.	MINIMUM TEMP.	MEAN TEMP.	PRECIP.
1871				0.03
1872				0.05
1873	92	76	84.0	0.00
1874	92	67	79.5	1.14
1875	83	69	76.0	0.00
1876	95	73	84.0	0.22
1877	86	70	78.0	0.00
1878	92	73	82.5	0.00
1879	98	74	86.0	T
1880	87	66	76.5	0.00
1881	93	74	83.5	0.00
1882	71	61	66.0	1.09
1883	94	74	84.0	0.00
1884	85	73	79.0	0.04
1885	88	65	76.5	0.00
1886	86	66	76.0	0.00
1887	86	72	79.0	0.00
1888	85	64	74.5	0.00
1889	84	74	79.0	0.36
1890	91	71	81.0	0.00
1891	79	59	69.0	0.08
1892	75	61	68.0	0.00
1893	84	64	74.0	0.01
1894	86	72	79.0	0.00
1895	76	64	70.0	0.11
1896	88	70	79.0	T
1897	86	72	79.0	0.00
1898	100	74	87.0	0.07
1899	90	68	79.0	0.00
1900	97	77	87.0	T
1901	96	77	86.5	T
1902	86	70	78.0	0.17
1903	87	73	80.0	0.08
1904	88	61	74.5	0.00
1905	83	69	76.0	0.00
1906	85	73	79.0	0.02
1907	78	59	68.5	0.00
1908	90	73	81.5	0.02
1909	76	60	68.0	0.00
1910	87	70	78.5	0.00
1911	95	78	86.5	0.00
1912	88	69	78.5	0.00
1913	88	70	79.0	0.00
1914	72	64	68.0	T
1915	82	68	75.0	T
1916	82	66	74.0	0.00
1917	81	67	74.0	0.00
1918	86	63	74.5	0.00
1919	97	76	86.5	0.00
1920	79	66	72.5	0.00
1921	96	77	86.5	0.00
1922	72	63	67.5	0.31
1923	85	69	77.0	T
1924	78	64	71.0	0.00
1925	88	67	77.5	0.21
1926	81	68	74.5	0.35
1927	76	62	69.0	0.00
1928	94	72	83.0	0.08
1929	83	61	72.0	0.00
1930	83	63	73.0	0.00
1931	78	70	74.0	1.17
1932	80	66	73.0	0.28
1933	81	54	67.5	0.00
1934	92	74	83.0	0.00
1935	83	66	74.5	0.00
1936	88	68	78.0	0.15
1937	82	63	72.5	0.00
1938	80	62	71.0	0.00
1939	88	72	80.0	T
1940	72	59	65.5	0.12
1941	66	63	64.5	0.98
1942	91	73	82.0	0.00
1943	79	69	74.0	T
1944	88	67	77.5	0.00
1945	83	64	73.5	0.00
1946	83	66	74.5	0.00
1947	87	65	76.0	T
1948	89	73	81.0	0.00
1949	96	74	85.0	0.00
1950	88	71	79.5	T
1951	86	64	75.0	0.02
1952	92	70	81.0	T
1953	85	65	75.0	0.00
1954	86	67	76.5	0.00
1955	95	70	82.5	0.00
1956	85	71	78.0	0.72
1957	94	65	79.5	T
1958	91	70	80.5	1.18
1959	86	60	73.0	0.00
1960	85	68	76.5	0.00
1961	78	60	69.0	T



Data for the Previous 153 Independence Days:

TEMPERATURES		
Criteria	Number of Days	Percentage
Years with Maximum Temperature ≥100°:	3	2.0%
Years with Maximum Temperature ≥95°:	18	11.8%
Years with Maximum Temperature ≥90°:	48	31.4%
Years with Maximum Temperature <90°:	105	68.6%
Years with Maximum Temperature <80°:	28	18.3%
Years with Maximum Temperature <70°:	2	1.3%
Years with Minimum Temperature ≥75°:	7	4.6%
Years with Minimum Temperature ≥70°:	59	38.6%
Years with Minimum Temperature ≥65°:	104	68.0%
Years with Minimum Temperature ≥60°:	143	93.5%
Years with Minimum Temperature ≥55°:	151	98.7%
Years with Minimum Temperature ≥50°:	153	100.0%
Years with Mean Temperature ≥85.0°:	12	7.8%
Years with Mean Temperature ≥80.0°:	42	27.5%
Years with Mean Temperature ≥75.0°:	95	62.1%
Years with Mean Temperature <75.0°:	58	37.9%
Years with Mean Temperature <70.0°:	19	12.4%
Years with Mean Temperature <65.0°:	3	2.0%

Data for the Previous 155 Independence Days:

PRECIPITATION		
Criteria	Number of Days	Percentage
Years with Precipitation ≥Trace	73	47.1%
Years with Precipitation ≥0.01"	49	31.6%
Years with Precipitation ≥0.10"	32	20.6%
Years with Precipitation ≥0.25"	24	15.5%
Years with Precipitation ≥0.50"	14	9.0%
Years with Precipitation ≥1.00"	7	4.5%
Years with Precipitation ≥1.50"	2	1.3%
Years with Precipitation ≥2.00"	1	0.6%

1962	80	61	70.5	T
1963	79	57	68.0	0.00
1964	82	64	73.0	0.03
1965	91	64	77.5	0.00
1966	100	72	86.0	0.00
1967	78	56	67.0	0.09
1968	81	64	72.5	0.00
1969	88	62	75.0	0.00
1970	92	73	82.5	0.42
1971	83	60	71.5	0.00
1972	78	66	72.0	0.00
1973	90	68	79.0	0.00
1974	94	70	82.0	0.00
1975	81	65	73.0	0.00
1976	84	61	72.5	1.74
1977	92	65	78.5	T
1978	68	61	64.5	T
1979	72	55	63.5	0.33
1980	87	69	78.0	0.00
1981	77	67	72.0	2.30
1982	79	61	70.0	0.00
1983	95	71	83.0	1.09
1984	88	66	77.0	0.00
1985	88	64	76.0	0.00
1986	83	53	68.0	0.00
1987	88	73	80.5	0.00
1988	91	62	76.5	0.00
1989	80	71	75.5	0.59
1990	98	66	82.0	0.00
1991	77	70	73.5	T
1992	85	65	75.0	0.00
1993	96	68	82.0	0.00
1994	87	70	78.5	0.00
1995	83	68	75.5	0.33
1996	76	59	67.5	0.00
1997	93	66	79.5	0.00
1998	90	64	77.0	0.01
1999	98	74	86.0	0.00
2000	85	71	78.0	0.04
2001	87	67	77.0	0.88
2002	100	75	87.5	0.00
2003	90	68	79.0	T
2004	79	68	73.5	0.31
2005	85	63	74.0	0.00
2006	94	73	83.5	0.05
2007	83	64	73.5	0.58
2008	85	69	77.0	0.10
2009	84	61	72.5	0.00
2010	98	59	78.5	0.00
2011	89	70	79.5	T
2012	97	74	85.5	0.00
2013	88	73	80.5	T
2014	80	63	71.5	0.13
2015	76	66	71.0	0.27
2016	73	65	69.0	0.68
2017	92	70	81.0	0.32
2018	94	74	84.0	0.00
2019	91	74	82.5	0.99
2020	90	72	81.0	T
2021	84	61	72.5	0.00
2022	89	66	77.5	0.00
2023	92	72	82.0	0.07
2024	94	71	82.5	T
2025	86	63	74.5	T
YEAR	MAXIMUM TEMP.	MINIMUM TEMP.	MEAN TEMP.	PRECIP.
Sum	13,165	10,293	11,729	20.41
Average	86.05	67.27	76.66	0.13
Extreme Max	100	78	87.5	2.30
Extreme Year(s)	1898, 1966, 2002	1911	2002	1981
Extreme Min	66	53	63.5	0.00
Extreme Year(s)	1941	1986	1979	2022+



Updated 4/17/2026

DATA SOURCE: Department of Commerce, NOAA, National Weather Service: Baltimore/Washington Forecast Office.

<https://www.weather.gov/wrh/Climate?wfo=bx>

NOTES: 1) Bold Values are extremes for period - Red for Maxima, Blue for Minima (Blue for Temperatures only).

2) Temperatures are in degrees Fahrenheit, Precipitation in inches and hundredths.

3) Baltimore's July 4th Temperatures for 1871 and 1872 are not available. All temperature calculations are based on actual available number of days.

PHOTOS: Top: Baltimore Fireworks - Inner Harbor (Credit: Visit Baltimore).

Second: Baltimore Fireworks - Inner Harbor (Credit: Gettyimages)

Third: Baltimore Fireworks at Aquarium (Credit: Visit Baltimore-JadeMcDonnell)

Fourth: Baltimore Fireworks - Inner Harbor (Credit: The Baltimore Sun)

Bottom: Baltimore Fireworks - Downtown (Credit: WBAL-TV)

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 University 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 (Friendship) International Thurgood Marshall 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, KBWL."

STATION NOTES: 1) 8" rain gauge through entire period.

2) Additionally, a tipping bucket rain gauge added 6/13/1897.