

BALTIMORE, MARYLAND																		
Monthly, Seasonal, and Annual Average Mean Temperatures																		
(in degrees Fahrenheit)																		
Period of Record: 1871-Present																		
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	WINTER (Dec-Feb)	SPRING (Mar-May)	SUMMER (Jun-Aug)	AUTUMN (Sep-Nov)	YEAR
1871	35.3	39.8	47.7	58.9	65.4	74.0	76.0	77.5	63.7	58.7	45.2	33.8	56.3	57.3	57.3	75.8	55.9	1871
1872	34.4	36.0	37.0	55.3	67.2	75.3	81.5	79.5	68.9	57.1	43.6	31.8	55.6	34.7	53.2	78.8	56.5	1872
1873	33.1	34.8	39.0	51.9	62.2	74.5	79.4	74.6	67.1	55.0	41.0	40.6	54.4	33.2	51.0	76.2	54.4	1873
1874	38.9	37.1	43.4	46.4	62.2	75.1	77.3	72.3	70.0	56.5	45.1	38.8	55.3	38.9	50.7	74.9	57.2	1874
1875	29.4	28.4	38.9	48.6	63.5	73.0	77.5	73.3	65.5	55.2	42.2	37.2	52.7	32.2	50.3	74.6	54.3	1875
1876	40.6	36.9	39.1	51.0	64.0	75.9	79.9	75.4	65.2	51.5	46.1	27.3	54.4	38.2	51.4	77.1	54.3	1876
1877	29.9	39.2	39.4	52.8	62.3	74.4	78.5	77.3	68.3	59.5	48.3	43.3	56.1	32.1	51.5	76.7	58.7	1877
1878	35.2	40.4	49.0	58.2	63.0	69.8	80.8	75.8	69.2	58.9	46.8	34.9	56.8	39.6	56.7	75.5	58.3	1878
1879	31.6	32.1	43.9	51.5	65.1	73.2	78.1	74.5	64.6	63.0	45.6	41.2	55.4	32.9	53.5	75.3	57.7	1879
1880	42.4	40.4	42.6	55.0	70.9	75.6	78.1	75.5	68.9	56.1	41.9	31.1	56.5	41.3	56.2	76.4	55.6	1880
1881	29.6	34.1	41.6	51.4	67.8	70.9	79.1	77.3	77.5	63.6	48.7	43.6	57.1	31.6	53.6	75.8	63.3	1881
1882	34.3	40.9	45.4	52.3	59.0	74.2	77.3	74.1	69.3	61.6	44.3	36.0	55.7	39.6	52.2	75.2	58.4	1882
1883	31.5	39.1	39.1	51.8	63.5	74.6	77.0	72.9	65.1	57.7	48.3	38.8	55.0	35.5	51.5	74.8	57.0	1883
1884	32.0	41.6	43.6	52.5	64.8	73.0	75.5	75.7	72.5	60.8	47.0	38.1	56.4	37.5	53.6	74.7	60.1	1884
1885	34.4	28.6	35.5	54.6	63.5	73.3	80.3	75.2	67.3	56.4	46.4	38.6	54.5	33.7	51.2	76.3	56.7	1885
1886	29.4	33.0	42.2	55.6	62.5	70.4	74.9	74.3	70.1	59.4	47.0	31.6	54.2	33.7	53.4	73.2	58.8	1886
1887	32.7	39.4	38.1	51.5	67.8	72.2	81.1	74.1	65.2	56.4	45.6	37.0	55.1	34.6	52.5	75.8	55.7	1887
1888	29.7	35.8	37.2	52.5	62.9	73.3	74.7	76.2	65.3	52.6	47.8	37.6	53.8	34.2	50.9	74.7	55.2	1888
1889	38.9	30.6	43.4	54.6	65.9	71.5	76.6	73.9	66.5	53.9	47.7	46.0	55.8	35.7	54.6	74.0	56.0	1889
1890	44.0	43.3	41.6	54.0	63.9	75.0	75.6	74.1	68.4	57.0	48.2	34.5	56.6	44.4	53.2	74.9	57.9	1890
1891	37.5	41.5	38.5	56.0	62.2	71.5	71.7	74.4	70.7	54.8	44.3	43.7	55.6	37.8	52.2	72.5	56.6	1891
1892	31.8	36.7	37.4	51.6	63.5	75.9	76.3	76.2	66.3	55.7	43.8	33.4	54.0	37.4	50.8	76.1	55.3	1892
1893	23.5	34.4	40.9	52.6	61.4	72.4	77.0	74.7	66.9	57.1	43.9	38.4	53.6	30.4	51.6	74.7	56.0	1893
1894	37.2	35.0	49.1	52.4	65.7	73.1	77.8	73.3	69.9	58.0	42.8	38.5	56.1	36.9	55.7	74.7	56.9	1894
1895	31.8	26.7	40.4	52.8	62.2	74.2	73.1	77.1	72.3	53.4	47.2	39.7	54.2	32.3	51.8	74.8	57.6	1895
1896	34.2	36.1	38.1	57.9	69.0	71.3	77.8	76.2	68.4	54.7	51.0	36.5	55.9	36.7	55.0	75.1	58.0	1896
1897	31.4	36.7	45.0	53.0	62.9	70.1	76.9	74.3	68.9	58.3	46.3	38.5	55.2	34.9	53.6	73.8	57.8	1897
1898	37.0	35.3	48.5	51.1	63.9	73.8	78.7	77.3	71.4	58.0	44.5	36.3	56.3	36.9	54.5	76.6	58.0	1898
1899	33.4	28.3	41.7	53.8	64.5	75.3	77.6	75.7	67.0	58.7	47.4	37.4	55.1	32.7	53.3	76.2	57.7	1899
1900	36.2	33.1	38.5	55.0	65.3	73.4	80.1	80.3	73.8	62.0	49.6	37.2	57.0	35.6	52.9	77.9	61.8	1900
1901	34.9	29.5	43.8	50.7	61.8	72.6	80.4	76.7	68.5	56.7	41.8	35.2	54.4	33.9	52.1	76.6	55.7	1901
1902	31.6	30.4	46.7	53.3	64.6	72.3	77.8	73.6	67.2	58.3	51.9	34.8	55.2	32.4	54.9	74.6	59.1	1902
1903	33.6	37.8	49.5	54.5	65.3	67.2	77.2	71.9	68.2	58.5	43.2	33.0	55.0	35.4	56.4	72.1	56.6	1903
1904	27.3	28.6	41.0	49.9	65.7	71.4	75.5	73.6	68.1	54.8	43.9	31.6	52.5	29.6	52.2	73.5	55.6	1904
1905	30.8	27.3	44.5	54.2	65.1	72.3	77.0	74.1	69.0	58.1	45.8	38.5	54.7	29.9	54.6	74.5	57.6	1905
1906	40.1	34.2	37.6	56.1	65.1	73.7	75.9	76.8	72.4	56.2	47.3	36.3	56.0	37.6	52.9	75.5	58.6	1906
1907	36.5	28.8	47.0	47.8	59.2	66.7	76.6	73.6	69.9	53.2	45.4	39.0	53.6	33.9	51.3	72.3	56.2	1907
1908	35.0	31.2	47.1	56.5	65.1	73.7	79.0	74.2	68.4	59.7	46.4	37.9	56.2	35.1	56.2	75.6	58.2	1908
1909	35.6	42.6	41.7	53.9	64.5	74.1	76.0	74.4	67.7	54.7	51.5	33.2	55.8	38.7	53.4	74.8	58.0	1909
1910	34.0	34.9	49.8	58.2	62.3	70.5	78.9	74.4	71.6	60.9	42.6	31.1	55.8	34.0	56.8	74.6	58.4	1910
1911	38.5	36.6	40.8	51.0	69.5	73.4	79.2	76.2	70.6	58.3	43.8	41.5	56.6	35.4	53.8	76.3	57.6	1911
1912	25.7	31.5	40.3	54.7	65.4	71.4	76.5	74.3	70.6	60.6	48.6	40.7	55.0	32.9	53.5	74.1	59.9	1912
1913	43.5	36.1	48.7	55.7	64.9	73.7	78.7	75.1	68.4	59.6	49.0	41.5	57.9	40.1	56.4	75.8	59.0	1913
1914	37.5	30.3	39.6	53.1	68.0	74.4	76.3	77.0	66.8	61.5	47.0	33.4	55.4	36.4	53.6	75.9	58.4	1914
1915	36.0	38.3	39.3	59.1	62.1	70.6	76.9	74.2	71.5	59.6	47.0	35.3	55.8	35.9	53.5	73.9	59.4	1915
1916	39.5	33.7	37.0	52.6	66.7	69.3	78.0	76.8	67.7	57.6	47.3	36.0	55.2	36.2	52.1	74.7	57.5	1916
1917	35.9	32.1	43.2	53.8	59.2	73.0	77.2	76.4	64.5	52.7	44.6	28.5	53.4	34.7	52.1	75.5	53.9	1917
1918	24.1	35.4	47.1	53.1	69.3	70.9	75.5	78.3	65.0	60.8	47.2	41.9	55.7	29.3	56.5	74.9	57.7	1918
1919	38.2	37.6	46.2	52.9	64.9	73.4	78.0	74.6	70.5	63.0	47.4	33.1	56.7	39.2	54.7	75.3	60.3	1919
1920	28.6	32.9	44.9	52.8	60.8	72.6	76.0	74.8	69.9	63.1	47.1	39.8	55.3	31.5	52.8	74.5	60.0	1920
1921	37.0	39.0	54.6	58.7	63.1	75.0	80.2	73.9	74.5	57.8	48.1	37.2	58.3	38.6	58.8	76.4	60.1	1921
1922	32.2	38.5	44.8	55.7	67.2	75.1	76.9	74.1	70.8	60.6	49.0	37.4	56.9	36.0	55.9	75.4	60.1	1922
1923	36.6	32.4	44.5	53.6	63.8	76.7	76.7	74.9	70.5	57.5	46.4	45.3	56.6	35.5	54.0	76.1	58.1	1923
1924	34.8	34.5	43.0	52.1	60.2	71.2	76.1	75.9	65.4	59.4	46.9	36.8	54.7	38.2	51.8	74.4	57.2	1924
1925	33.0	41.8	46.1	56.4	61.2	78.7	77.2	74.7	73.4	52.7	45.5	37.3	56.5	37.2	54.6	76.9	57.2	1925
1926	34.5	35.6	39.8	51.6	64.5	69.7	77.4	76.9	69.6	58.0	45.6	33.5	54.7	35.8	52.0	74.7		

1977	22.9	36.5	49.9	57.9	66.7	71.4	79.0	77.7	72.1	56.0	49.2	35.6	56.2	30.7	58.2	76.0	59.1	1977
1978	29.2	27.3	41.7	54.2	62.3	73.1	75.8	78.1	69.7	56.1	48.7	40.1	54.7	30.7	52.7	75.7	58.2	1978
1979	33.1	25.5	48.4	53.1	64.6	70.7	75.9	75.6	68.8	55.6	50.6	40.3	55.2	32.9	55.4	74.1	58.3	1979
1980	33.8	31.4	41.4	55.7	65.5	71.3	78.2	78.7	72.2	55.3	44.2	35.5	55.3	35.2	54.2	76.1	57.2	1980
1981	27.9	38.8	41.9	57.0	62.2	74.3	77.3	74.4	67.7	53.2	46.2	34.5	54.6	34.1	53.7	75.3	55.7	1981
1982	25.5	35.8	42.9	50.7	66.1	69.4	77.1	73.0	67.3	56.3	48.4	42.0	54.5	31.9	53.2	73.2	57.3	1982
1983	34.6	34.7	45.3	51.7	61.5	72.1	78.7	78.0	69.5	57.2	47.0	33.2	55.3	37.1	52.8	76.3	57.9	1983
1984	28.5	41.7	38.2	51.5	61.3	73.4	73.9	75.0	64.8	62.1	43.9	44.1	54.9	34.5	50.3	74.1	56.9	1984
1985	29.2	38.7	46.0	57.8	65.1	70.4	76.4	74.4	69.4	58.8	52.4	33.7	56.0	37.3	56.3	73.7	60.2	1985
1986	33.1	32.9	45.0	53.5	66.6	74.4	79.3	73.1	68.9	58.9	44.8	38.1	55.7	33.2	55.0	75.6	57.5	1986
1987	32.4	34.3	46.2	53.1	65.0	74.4	80.0	76.1	69.3	51.5	47.8	39.8	55.8	34.9	54.8	76.8	56.2	1987
1988	28.6	35.8	45.0	52.0	64.0	73.0	80.3	78.5	66.8	51.3	48.1	36.3	55.0	34.7	53.7	77.3	55.4	1988
1989	37.9	36.4	43.8	52.5	62.0	73.9	76.0	74.4	68.9	58.2	44.8	25.3	54.5	36.9	52.8	74.8	57.3	1989
1990	42.0	42.2	47.6	54.8	62.3	73.3	78.4	74.5	67.3	60.7	49.6	42.2	57.9	36.5	54.9	75.4	59.2	1990
1991	35.5	40.7	46.6	55.9	70.5	74.6	79.5	77.7	69.0	57.8	45.8	38.7	57.7	39.5	57.7	77.3	57.5	1991
1992	34.5	37.1	41.3	52.0	60.8	70.1	77.4	72.3	67.7	54.3	47.2	38.9	54.5	36.8	51.4	73.3	56.4	1992
1993	37.9	31.4	39.4	52.5	65.0	72.2	80.1	76.6	68.8	55.5	46.4	36.2	55.2	36.1	52.3	76.3	56.9	1993
1994	27.0	34.0	42.9	59.6	60.6	77.2	80.1	74.1	68.1	56.8	51.9	42.6	56.2	32.4	54.4	77.1	58.9	1994
1995	39.0	33.1	47.8	55.2	64.5	74.6	81.5	80.1	70.4	61.0	42.6	33.9	57.0	38.2	55.8	78.7	58.0	1995
1996	31.7	35.7	39.9	54.0	60.6	73.3	74.3	73.1	67.8	55.6	40.2	39.6	53.8	33.8	51.5	73.6	54.5	1996
1997	32.7	40.9	45.5	51.6	59.5	70.1	77.2	74.0	67.3	56.5	43.7	38.4	54.8	37.7	52.2	73.8	55.8	1997
1998	40.9	41.7	45.8	55.2	66.5	71.7	76.6	75.7	71.7	56.2	46.1	41.0	57.4	40.3	55.8	74.7	58.0	1998
1999	35.1	37.6	41.8	53.1	64.2	71.5	80.0	75.7	68.1	53.9	49.9	39.1	55.8	37.9	53.0	75.7	57.3	1999
2000	32.5	38.0	48.5	52.9	64.7	72.8	72.7	73.4	65.3	57.1	44.2	30.0	54.3	36.5	55.4	73.0	55.5	2000
2001	33.0	38.5	41.7	55.4	63.4	74.0	72.8	77.0	65.2	55.9	50.7	42.1	55.8	33.8	53.5	74.6	57.3	2001
2002	39.1	39.3	45.0	56.7	62.2	73.8	78.6	78.4	69.5	56.0	44.4	34.3	56.4	40.2	54.6	76.9	56.6	2002
2003	28.3	30.2	43.9	52.7	59.3	69.8	75.6	76.3	68.0	55.1	50.6	36.4	53.9	30.9	52.0	73.9	57.9	2003
2004	27.6	34.8	45.6	54.7	69.8	70.9	76.2	74.2	69.4	55.4	48.5	37.5	55.4	32.9	56.7	73.8	57.8	2004
2005	34.1	36.7	40.6	55.2	59.2	73.6	77.9	77.6	72.0	57.8	48.1	34.0	55.6	36.1	51.7	76.4	59.3	2005
2006	41.5	36.1	45.6	57.4	63.3	73.1	79.8	78.4	65.5	55.1	49.6	42.4	57.3	37.2	55.4	77.1	56.7	2006
2007	38.7	29.1	45.1	51.4	65.5	73.7	76.9	77.5	70.6	63.4	46.2	37.8	56.3	36.7	54.0	76.0	60.1	2007
2008	35.4	37.1	45.0	55.8	60.5	75.3	77.5	73.6	69.4	55.5	45.4	38.5	55.8	36.8	53.8	75.5	56.8	2008
2009	29.3	37.4	43.1	54.9	63.7	71.4	74.6	76.6	66.6	55.3	49.7	34.8	54.8	35.1	53.9	74.2	57.2	2009
2010	32.7	30.9	48.5	57.1	67.3	78.8	81.5	77.4	71.0	57.6	47.2	32.4	56.9	32.8	57.6	79.2	58.6	2010
2011	30.2	38.5	44.3	57.7	67.2	75.7	81.7	75.9	69.3	56.6	50.5	42.2	57.5	33.7	56.4	77.8	58.8	2011
2012	38.3	41.6	53.7	55.3	69.0	73.6	81.4	77.3	69.5	58.3	42.9	42.7	58.6	40.7	59.3	77.4	56.9	2012
2013	36.9	35.0	40.6	55.3	63.7	73.9	79.0	74.2	67.7	58.8	43.6	39.6	55.7	38.2	53.2	75.7	56.7	2013
2014	27.4	32.9	38.5	53.0	64.9	73.2	75.6	72.5	68.7	58.2	43.4	39.9	54.0	33.3	52.1	73.8	56.8	2014
2015	30.8	25.3	39.7	54.6	69.1	74.1	77.0	75.1	71.9	55.3	50.9	49.0	56.1	32.0	54.5	75.4	59.4	2015
2016	31.9	37.4	50.0	54.0	61.5	73.0	79.7	79.1	72.3	59.6	48.6	38.3	57.1	39.4	55.2	77.3	60.2	2016
2017	39.0	44.2	43.9	60.3	62.3	73.7	78.7	73.5	69.1	61.6	46.2	35.5	57.3	40.5	55.5	75.3	59.0	2017
2018	32.0	41.8	40.2	52.1	69.6	72.6	77.8	78.4	73.0	59.3	43.6	39.7	56.7	36.4	54.0	76.3	58.6	2018
2019	33.5	37.8	43.0	59.5	68.3	75.3	80.8	77.9	73.8	62.2	44.3	39.9	58.0	37.0	56.9	78.0	60.1	2019
2020	40.2	42.0	50.9	53.0	62.1	75.1	82.6	78.7	68.8	59.7	52.4	39.4	58.7	40.7	55.3	78.8	60.3	2020
2021	36.7	35.8	48.7	56.5	64.0	75.9	80.2	79.7	71.5	64.7	45.4	45.5	58.7	37.3	56.4	78.6	60.5	2021
2022	32.3	40.0	47.8	54.8	66.6	74.0	80.4	79.1	70.6	55.9	50.2	37.5	57.4	39.3	56.4	77.8	58.9	2022
2023	43.9	44.7	46.8	60.1	62.8	72.0	80.6	77.2	71.9	61.3	46.9	43.7	59.3	42.0	56.6	76.6	60.0	2023
2024	37.6	41.1	49.0	57.9	66.5	77.6	82.2	77.0	69.4	56.2	50.8	38.6	58.7	40.8	57.8	78.9	58.8	2024
2025	30.3	37.6	50.5	58.1	66.4	76.1	80.6	72.7	70.0	57.2	46.8	34.2	56.7	35.5	58.3	76.5	58.0	2025
2026	30.5	33.7	49.7	58.8	63.8	74.6								32.8	57.4			2026
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	WINTER (Dec-Feb)	SPRING (Mar-May)	SUMMER (Jun-Aug)	AUTUMN (Sep-Nov)	YEAR
AVERAGE Mean Temperature 1871-2025	34.3	35.9	43.8	54.1	64.3	73.2	77.8	75.8	69.1	57.8	46.9	37.6	55.9	35.9	54.1	75.6	57.9	AVERAGE Mean Temperature 1871-2025
AVERAGE Mean Temperature 1951-2025	33.4	36.1	44.1	54.5	63.9	73.0	77.7	75.8	69.0	57.2	46.7	37.6	55.8	35.7	54.2	75.5	57.6	AVERAGE Mean Temperature 1951-2025
30-Year AVERAGE Mean Temperature 1991-2020	34.2	36.6	44.3	54.9	64.3	73.4	78.2	76.1	69.2	57.4	46.8	38.5	56.2	36.5	54.5	75.9	57.8	30-Year AVERAGE Mean Temperature 1991-2020
NWS 30-Year NORMAL Mean Temperature 1991-2020	34.3	36.6	44.3	55.0	64.4	73.5	78.3	76.2	69.2	57.4	46.9	38.6	56.2	36.5	54.6	76.0	57.8	NWS 30-Year NORMAL Mean Temperature 1991-2020
AVERAGE Mean Temperature 2001-2030 Running Average	34.3	36.9	45.4	55.9	64.7	74.0	78.8	76.6	69.8	58.1	47.5	39.0	56.7	36.6	55.3	76.5	58.4	AVERAGE Mean Temperature 2001-2030 Running Average
Maximum Year 1932 2023	47.4	44.7	55.7	60.5	70.9	79.8	82.6	80.3	77.5	65.1	54.7	49.0	59.3	45.3	59.3	79.2	64.7	Maximum Year 1932 2023
Minimum Year 1977 1934	22.9	24.3	33.4	46.4	57.0	66.7	71.7	71.0	63.7	51.3	40.2	25.3	52.6	29.1	50.3	72.1	53.8	Minimum Year 1977 1934

AVERAGE MEAN TEMPERATURES BY 30-YEAR-PERIODS AT BALTIMORE																		
AVERAGE 30-YEAR PERIOD	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	WINTER (Dec-Feb)	SPRING (Mar-May)	SUMMER (Jun-Aug)	AUTUMN (Sep-Nov)	AVERAGE 30-YEAR PERIOD
1951-1980	32.7°	34.7°	43.2°	54.0°	63.4°	72.2°	76.8°	75.6°	68.8°	56.9°	46.2°	36.5°	55.1°	34.6°	53.5°	74.9°	57.3°	1951-1980
1961-1990	31.9°	34.8°	44.0°	53.4°	63.3°	72.4°	77.0°	75.6°	68.7°	56.8°	46.9°	36.8°	55.1°	34.3°	53.6°	75.0°	57.5°	1961-1990
1971-2000	33.2°	36.2°	44.4°	53.9°	63.5°	72.5°	77.4°	75.6°	68.6°	56.6°	46.7°	37.7°	55.5°	35.8°	53.9°	75.2°	57.3°	1971-2000
1981-2010	33.5°	36.4°	44.2°	54.3°	63.6°	73.0°	77.6°	75.7°	68.4°	56.7°	47.0°	37.3°	55.6°	35.8°	54.0°	75.4°	57.4°	1981-2010
1991-2020	34.2°	36.6°	44.3°	54.9°	64.3°	73.4°	78.2°	76.1°	69.2°	57.4°	46.8°	38.5°	56.2°	36.5°	54.5°	75.9°	57.8°	1991-2020
2001-2030 Running Average	34.3°	36.9°	45.4°	55.9°	64.7°	74.0°	78.8°	76.6°	69.8°	58.1°	47.5°	39.0°	56.7°	36.6°	55.3°	76.5°	58.4°	2001-2030 Running Average
MAXIMUM through 1991-2020	34.2°	36.6°	44.4°	54.9°	64.3°	73.4°	78.2°	76.1°	69.2°	57.4°	47.0°	38.5°	56.2°	36.5°	54.5°	75.9°	57.8°	MAXIMUM through 1991-2020
MAX. 30-YEAR PERIOD	1991-2020	1991-2020	1971-2000	1991-2020	1991-2020	1991-2020	1991-2020	1991-2020	1991-2020	1991-2020	1981-2010	1991-2020	1991-2020	1991-2020	1991-2020	1991-2020	1991-2020	MAX. 30-YEAR PERIOD
MINIMUM through 1991-2020	31.9°	34.7°	43.2°	53.4°	63.3°	72.2°	76.8°	75.6°	68.4°	56.6°	46.2°	36.5°	55.1°	34.3°	53.5°	74.9°	57.3°	MINIMUM through 1991-2020
MIN. 30-YEAR PERIOD	1961-1990	1951-1980	1951-1980	1961-1990	1961-1990	1951-1980	1951-1980	1971-2000, 1961-1990, 1951-1980	1981-2010	1971-2000	1951-1980	1951-1980	1961-1990, 1951-1980	1961-1990	1951-1980	1951-1980	1971-2000, 1951-1980	MIN. 30-YEAR PERIOD

BALTIMORE HISTORICAL TEMPERATURE ARCHIVE																		
Monthly, Annual, and Seasonal Mean Temperatures (pre-National Weather Service)																		
(Data in Degrees Fahrenheit)																		
Period of Record: 1817-1870																		
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	WINTER (Dec-Feb)	SPRING (Mar-May)	SUMMER (Jun-Aug)	AUTUMN (Sep-Nov)	YEAR
1817	33.2	30.1	43.4	61.9	62.0	72.2	77.9	74.8	67.3	53.8	50.2	38.2	55.4	55.8	55.8	75.0	57.1	1817
1818	35.6	30.9	42.9	50.8	61.7	74.5	74.5	76.8	65.6	53.3	50.6	33.8	54.3	34.9	51.8	75.3	56.5	1818
1819	40.7	39.0	39.7	54.5	63.5	75.9	75.9	79.8	71.0	51.5	50.2	37.9	56.6	37.8	52.6	77.2	57.6	1819
1820	30.4	42.9	44.6	56.4	59.1	72.4	72.4	77.2	69.0	51.6	42.5	36.7	54.6	37.1	53.4	74.0	54.4	1820
1821	28.5	40.2	41.2	49.0	62.8	77.0	75.6	81.0	71.3	55.6	46.7	38.5	55.6	35.1	51.0	77.9	57.9	1821
1822	31.6	36.1	47.2	59.5	70.7	75.6	81.0	79.5	72.7	59.7	52.5	39.7	58.8	35.4	59.1	78.7	61.6	1822
1823	39.7	31.9	44.4	59.1	66.4	72.6	78.0	77.5	68.8	54.2	44.2	41.0	56.5	37.1	56.6	76.0	55.7	1823
1824	43.4	37.6	43.9	55.5	63.7	72.7	79.0	75.0	67.1	58.1	48.0	44.5	57.4	40.7	54.4	75.6	57.7	1824
1825	37.6	39.1	49.3	56.7	63.8	76.1	79.7	76.8	68.4	60.3	46.5	37.5	57.7	40.4	56.6	77.5	58.4	1825
1826	37.9	41.3	49.4	53.7	72.2	76.2	77.9	77.2	73.2	58.8	47.7	37.7	58.6	38.9	58.4	77.1	59.9	1826
1827	32.4	42.6	47.8	60.3	65.0	74.1	80.3	79.4	71.1	58.5	46.8	43.0	58.4	37.6	57.7	77.9	58.8	1827
1828	41.6	45.4	48.6	50.3	62.6	78.3	77.9	79.1	69.2	54.7	50.4	41.6	58.3	43.3	53.8	78.4	58.1	1828
1829	34.7	29.1	42.1	56.7	63.7	74.5	74.9	76.0	66.1	54.1	44.5	45.6	55.2	35.1	54.2	75.1	54.9	1829
1830	36.0	33.7	46.8	56.6	64.0	73.2	81.5	79.0	70.2	58.8	54.4	38.7	57.7	38.4	55.8	77.9	61.1	1830
1831	31.2	32.6	48.4	57.7	65.0	75.9	76.6	76.9	67.4	59.4	44.7	27.0	55.2	34.2	57.0	76.5	57.2	1831
1832	34.3	39.3	45.6	53.9	63.5	72.9	77.0	76.7	71.9	59.4	47.8	40.6	56.9	33.5	54.3	75.5	59.7	1832
1833	39.6	39.2	41.9	57.8	70.8	73.8	78.2	75.1	69.6	54.3	45.3	40.1	57.1	39.8	56.8	75.7	56.4	1833
1834	32.2	46.3	48.3	56.5	61.8	73.1	81.5	78.3	67.1	52.6	45.6	38.1	56.8	39.5	55.5	77.6	55.1	1834
1835	34.3	30.9	42.1	50.2	64.7	72.3	76.6	73.5	62.1	58.0	49.4	34.9	54.1	34.4	52.3	74.1	56.5	1835
1836	36.3	27.9	33.9	52.7	64.1	67.9	75.9	71.0	68.8	47.8	42.6	34.2	51.9	33.0	50.2	71.6	53.1	1836
1837	31.3	35.9	41.9	50.3	63.0	71.0	75.8	74.8	64.8	55.9	47.7	37.9	54.2	33.8	51.7	73.9	56.1	1837
1838	39.8	28.6	43.7	49.6	60.0	75.6	81.7	78.4	67.9	50.9	47.7	32.7	54.2	35.4	51.1	78.6	53.5	1838
1839	34.9	36.5	44.4	57.6	66.9	71.1	78.2	73.9	67.4	59.7	41.2	35.9	55.6	34.7	56.3	74.4	56.1	1839
1840	26.7	40.5	46.4	55.4	62.2	72.3	74.9	75.5	63.8	55.3	44.7	31.5	54.1	34.4	54.7	74.2	54.6	1840
1841	32.9	33.6	41.5	48.6	56.4	70.7	77.5	75.1	70.9	48.9	43.1	36.7	53.0	32.7	48.8	74.4	54.3	1841
1842	38.9	39.9	49.2	55.4	60.3	70.1	76.5	74.4	68.4	54.0	39.9	34.3	55.1	38.5	55.0	73.7	54.1	1842
1843	40.9	29.9	31.2	51.5	51.7	73.7	76.8	77.4	71.5	54.0	43.0	36.8	53.2	35.0	44.8	76.0	56.2	1843
1844	31.7	33.9	43.0	57.1	67.2	70.4	78.5	75.1	66.9	52.5	42.1	34.8	54.4	34.1	55.8	74.7	53.8	1844
1845	39.3	35.9	45.2	55.8	61.3	72.9	77.2	76.4	67.1	55.9	46.4	30.1	55.3	36.7	54.1	75.5	56.5	1845
1846	34.8	31.4	43.1	54.2	65.5	69.2	75.4	75.2	70.3	53.9	48.3	36.4	54.8	32.1	54.3	73.3	57.5	1846
1847	33.2	34.3	39.1	56.9	64.9	71.1	78.7	76.3	68.6	55.4	50.2	39.5	55.7	34.6	53.6	75.4	58.1	1847
1848	40.0	38.0	41.8	58.1	68.6	76.0	76.4	77.2	65.5	57.2	43.2	45.5	57.3	39.2	56.2	76.5	55.3	1848
1849	34.4	32.7	45.5	53.2	61.9	76.3	77.3	76.5	68.2	56.7	54.6	38.7	56.3	37.5	53.5	76.7	59.8	1849
1850	40.7	41.6	43.9	51.8	61.9	75.8	79.7	75.0	68.2	57.8	52.4	42.0	57.6	40.3	52.5	76.8	59.5	1850
1851	39.8	41.3	48.1	55.9	65.5	72.5	79.4	74.6	69.7	58.5	47.6	33.9	57.2	41.0	56.5	75.5	58.6	1851
1852	30.5	37.7	44.1	49.2	63.9	71.2	75.9	77.0	66.2	57.9	44.0	42.1	54.7	34.0	52.4	74.7	55.1	1852
1853	34.8	38.5	43.9	54.4	65.0	75.6	77.1	76.2	70.1	53.7	49.7	38.2	56.4	38.5	54.4	76.3	57.8	1853
1854	36.1	38.3	45.5	50.2	65.0	73.1	79.4	76.4	71.6	57.9	51.6	35.4	56.7	37.5	53.6	76.3	60.4	1854
1855	39.1	30.7	40.6	58.9	65.5	72.3	79.1	76.9	70.2	63.9	49.6	39.4	57.2	35.1	55.0	76.1	61.2	1855
1856	26.3	28.4	35.3	56.2	63.3	76.6	80.8	75.0	68.8	56.5	47.2	35.9	54.2	31.4	51.6	77.5	57.5	1856
1857	25.9	43.1	41.5	47.7	63.0	72.5	76.5	75.4	68.9	55.9	46.4	43.8	55.1	35.0	50.7	74.8	57.1	1857
1858	43.9	33.5	43.4	55.4	61.3	77.7	79.1	75.8	67.8	58.7	43.9	41.9	56.9	40.4	53.4	77.5	56.8	1858
1859	37.3	38.7	49.5	54.2	64.9	70.7	76.2	75.1	68.0	52.4	48.4	32.8	55.7	39.3	56.2	74.0	56.3	1859
1860	33.7	32.7	46.2	52.1	64.9	70.7	76.7	75.8	65.1	56.2	45.6	33.8	54.5	33.1	54.4	74.4	55.6	1860
1861	32.7	39.1	44.4	54.6	58.5	73.5	74.8	72.7	69.1	59.1	44.7	37.8	55.1	35.2	52.5	73.7	57.6	1861
1862	34.2	31.4	39.9	51.5	61.9	69.1	74.6	75.9	69.3	58.1	42.8	36.7	53.8	34.5	51.1	73.2	56.7	1862
1863	36.2	32.4	38.0	49.9	64.6	70.9	77.1	77.8	64.3	52.7	46.2	34.3	53.7	35.1	50.8	75.3	54.4	1863
1864	37.9	40.4	43.4	52.5	68.8	74.7	78.3	79.5	69.5	57.2	48.5	37.7	57.4	37.5	54.9	77.5	58.4	1864
1865	32.6	36.1	50.3	59.1	68.2	77.3	79.4	76.1	74.1	58.1	47.8	39.8	58.2	35.5	59.2	77.6	60.0	1865
1866	33.4	38.0	44.9	57.1	64.1	73.3	79.1	71.6	70.8	58.1	51.5	35.6	56.5	37.1	55.4	74.7	60.1	1866
1867	28.5	30.6	39.8	58.3	61.6	73.7	77.9	76.3	69.6	58.6	49.7	34.4	54.9	31.6	53.2	76.0	59.3	1867
1868	32.9	30.0	43.1	51.2	62.8	74.1	83.2	79.0	70.0	55.8	48.4	34.5	55.4	32.4	52.4	78.8	58.1	1868
1869	40.8	41.0	42.5	55.9	62.3	74.5	78.1	76.6	70.1	53.1	43.2	40.5	56.6	38.8	53.6	76.4	55.5	1869
1870	42.9	37.7	41.1	56.3	65.9	78.8	83.5	80.6	71.1	59.4	48.4	37.5	58.6	40.4	54.4	81.0	59.6	1870
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	WINTER (Dec-Feb)	SPRING (Mar-May)	SUMMER (Jun-Aug)	AUTUMN (Sep-Nov)	YEAR
Average	35.4	36.1	43.6	54.6	63.8	73.5	77.8	76.4	68.7	56.0	46.9	37.6	55.9	36.4	54.0	75.9	57.2	Average
Maximum Year	43.9 1858	46.3 1834	50.3 1865	61.9 1817	72.2 1826	78.8 1870	83.5 1821	81.0 1865	74.1 1855	63.9 1849	54.6 1829	45.6 1822	58.8 1836	43.3 1856	59.2 1843	81.0 1836	61.6 1836	Maximum Year
Minimum Year	25.9 1857	27.9 1836	31.2 1843	47.7 1857	51.7 1843	67.9 1836	72.4 1820	71.0 1836	62.1 1835	47.8 1836	39.9 1842	27.0 1831	51.9 1836	31.4 1856	44.8 1843	71.6 1836	53.1 1836	Minimum Year

Updated 5/1/2026

DATA SOURCE: "Maryland Weather Service, Vol. 2," Johns Hopkins Press, 1907 (via Google Books):

[MARYLAND WEATHER SERVICE, VOL. 2](#)

OBSERVER SOURCE: "Maryland Weather Service, Vol. 1," Johns Hopkins Press, 1899 (via Google Books):

[MARYLAND WEATHER SERVICE, VOL. 1](#)

NOTES: 1) The instrumentation siting and reliability are unknown for these locations of data measurement and do not necessarily adhere to subsequent standardization by the National Weather Service. However, a general understanding of these temperature records (beginning more than 200 years ago!) can be of great interest in a historical sense.

2) Bold red values indicate extreme maxima, bold blue values indicate extreme minima.

3) A few months are wholly or partially interpolated from the Philadelphia data record.

4) Cells with gray backgrounds indicate unavailable data.

5) Seasons are meteorological and are thus: Winter = Dec., Jan., Feb.; Spring = Mar., Apr., May; Summer = June, July, Aug.; Autumn = Sep., Oct., Nov.

6) The "Average" Temperature category covers the entire period of record, not just for a certain 30-Year-Normal period.

7) "The History of Baltimore" (publisher unknown): [History of Baltimore.pdf](#)

BALTIMORE CITY WEATHER DATA LOCATIONS AND OBSERVERS - 1817-1899

- BALTIMORE, west part of city. 39° 17', 76° 37'. 80 ft. CAPT. LEWIS BRANTZ. 1817-24, Jan. to Aug., 1829, Nov., 1836, to June, 1837.' Temperature, rainfall, winds, and clouds observed daily at 8 a. m., 2 p. m. and 10 p. m. Barometer and hygrometer added in 1836. Results published in pamphlet form from 1818 to 1825; reprinted in the American Almanac, 1834, p. 77.
- BALTIMORE. 39° 16', 76° 35'. 36 ft. FORT MCHENRY, Post Surgeons, U. S. Army. 1831 to June, 1859, April, 1861, to Jan., 1862, 1864 to Feb., 1892. [S. G. 0.]
- BALTIMORE. 39° 17', 76° 36'. 53 ft. MARYLAND ACADEMY OF SCIENCE AND ARTS. Hourly observations of the barometer, thermometers, hygrometer, of wind direction and velocity, of cloud movement, and of the state of the weather, during the following special " term days": 1836, 21st and 22nd of June, Sept. and Dec.; 1837, 21st and 22nd of March.
- BALTIMORE. 39° 18', 76° 3