

BALTIMORE, MARYLAND																											
MAXIMUM PRECIPITATION BY CALENDAR DAY																											
(Amounts in Inches)																											
Period of record: 1/1/1871-Present																											
DAY OF MONTH	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		DAY OF MONTH		
	Amount	Year	Amount	Year	Amount	Year	Amount	Year	Amount	Year	Amount	Year	Amount	Year	Amount	Year	Amount	Year	Amount	Year	Amount	Year	Amount	Year			
1	2.77	1948	1.80	2008	1.17	1954	1.32	1911	1.53	1976	2.50	2015	3.18	1867	2.75	1913	4.13	2021	2.23	1915	1.76	1932	1.84	1974	1		
2	2.42	1925	1.40	1897	2.48	1994	1.63	2005	1.17	1949	3.94	1915	3.47	1889	3.00	1944	1.85	1951	3.39	1929	1.42	1966	1.40	1927	2		
3	3.22	1944	1.34	2014	1.67	1997	1.83	1901	1.39	1934	2.28	1963	2.33	1978	3.35	1885	1.78	1973	1.40	1927	2.79	1947	1.43	1967	3		
4	1.90	1886	1.65	1998	2.71	1889	1.04	1920	1.32	1921	2.18	2020	2.30	1981	2.74	1911	1.86	1935	2.74	1962	1.82	2004	1.69	1950	4		
5	1.82	1949	1.04	1924	1.62	1965	1.72	1941	1.67	1989	2.28	1957	1.65	1895	1.74	1888	4.39	1979	2.78	1902	1.41	1986	2.22	1945	5		
6	2.34	1905	3.48	1896	1.90	1932	1.91	1924	2.02	1935	1.43	2005	1.54	2017	2.75	1901	4.76	1895	1.59	1932	2.72	1963	1.64	1936	6		
7	2.51	1996	1.64	1965	1.49	1967	0.93	1899	1.63	1967	2.42	1947	2.62	1905	2.21	1886	3.84	1934	2.28	2005	2.44	1997	2.38	2011	7		
8	1.51	1884	1.46	1890	1.88	1995	2.44	1935	3.28	1960	2.38	1955	5.85	1952	3.41	1953	1.44	2011	4.37	2005	2.65	1996	1.56	1972	8		
9	2.62	2024	1.64	1885	3.51	1881	1.94	1906	1.85	2008	2.06	1881	1.36	2022	1.95	1969	2.23	2018	1.94	1992	1.35	1962	1.41	2009	9		
10	1.01	1895	1.65	1881	2.61	2011	1.27	1884	1.15	1919	2.33	1951	2.29	1942	1.62	1897	3.72	1968	4.38	1922	1.71	1990	2.85	1978	10		
11	2.06	1922	3.26	1983	2.10	1936	1.64	1919	1.49	2008	2.66	1880	3.75	1884	1.66	1938	3.42	1971	3.66	2013	1.91	2020	1.72	1992	11		
12	2.84	1915	1.32	1985	1.90	1968	1.48	1993	2.20	2008	2.68	1911	3.90	1903	1.60	2014	3.42	1960	1.98	1927	1.82	1925	1.44	1983	12		
13	1.18	1978	1.77	2014	2.45	1993	1.97	2020	2.28	2025	1.60	1982	3.45	1975	3.82	1873	3.15	1944	1.06	1961	2.74	1937	3.08	1909	13		
14	2.45	1968	1.22	1880	1.82	1940	1.83	1970	0.91	1938	2.14	1947	1.95	2025	2.34	1929	3.82	1966	2.51	1955	1.92	1940	1.48	1879	14		
15	1.06	1998	1.06	1958	1.60	1912	2.52	2007	1.83	1892	1.17	1880	2.20	1875	1.64	2016	3.20	1904	1.33	1942	2.12	1914	2.24	2018	15		
16	1.36	1945	2.01	2003	2.14	2007	2.95	1929	1.96	2003	1.96	2011	2.79	2005	2.20	1968	5.02	1999	1.65	2002	3.11	1926	1.99	1974	16		
17	1.25	1978	1.15	1982	1.29	1968	3.39	1910	1.14	1985	2.01	1900	3.35	2018	2.64	1928	3.94	1876	3.30	1932	2.39	1993	2.47	1888	17		
18	1.08	1980	1.60	1887	1.60	1983	1.60	1924	1.54	2015	2.10	1878	3.07	1907	1.72	2011	2.22	2018	1.88	1996	0.84	1886	3.36	1977	18		
19	1.29	1936	1.76	1927	2.15	1958	1.46	1943	1.53	1892	1.50	2014	1.54	1945	2.23	1939	1.90	1894	2.68	1966	1.63	1932	1.58	1936	19		
20	1.34	1979	1.81	1924	1.83	2003	2.24	1940	2.20	1889	2.45	1962	4.26	1956	2.75	1997	1.75	1966	2.69	1873	2.30	1952	1.60	1957	20		
21	1.53	1902	2.11	1902	1.77	2000	1.41	1918	2.05	1909	2.19	1972	4.79	2018	2.63	1913	1.25	1979	2.39	1961	3.39	1952	1.27	1905	21		
22	1.75	1987	2.30	2003	1.77	1950	1.54	1972	1.86	1942	3.84	1972	3.99	1906	2.08	1931	2.62	1994	2.04	1956	1.26	2006	1.73	1881	22		
23	1.82	1998	1.56	1998	2.56	2005	1.11	1907	2.40	1989	3.65	1941	2.42	2008	7.62	1933	3.19	2011	2.71	1890	1.79	1875	2.01	2015	23		
24	1.74	1896	2.61	2016	1.55	2021	1.18	1910	2.23	1930	1.36	1920	4.07	2018	1.56	1967	5.97	1912	1.43	1926	2.82	1877	2.49	1986	24		
25	1.83	1978	1.52	1874	2.24	1876	2.24	1889	2.22	1952	2.75	2006	2.00	1978	3.05	1911	2.47	1992	2.22	1872	2.02	1964	1.41	1945	25		
26	1.82	2011	1.36	1962	2.31	1978	3.74	1917	2.29	2009	1.23	1883	1.83	1944	3.36	2012	3.29	1902	3.18	1943	1.61	2013	1.31	1943	26		
27	1.03	1976	0.83	1958	1.60	1919	2.30	1928	1.50	1909	3.11	2015	4.45	2004	4.04	1971	5.00	1985	1.99	2003	1.99	1944	1.62	2023	27		
28	2.02	1922	1.27	1939	1.83	2005	2.50	1875	2.46	1968	4.47	1885	2.58	2017	2.60	1989	1.82	1907	1.92	1972	1.50	1948	1.25	1967	28		
29	1.31	1939	1.64	2012	2.05	1942	1.64	1880	1.87	1976	3.19	1963	1.50	1884	2.51	1936	2.58	2015	5.51	1922	2.08	1987	2.88	1901	29		
30	1.49	1959	-	-	1.66	1974	3.06	2014	1.65	1971	1.20	1994	3.14	1876	3.23	2001	6.02	2010	1.93	2025	2.74	2020	1.29	1877	30		
31	1.54	1914	-	-	1.62	1934	-	2.05	1911	-	-	-	3.65	1889	2.12	1975	-	-	-	-	-	-	-	-	31		
DAY OF MONTH	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		DAY OF MONTH		
Amount	Year	Amount	Year	Amount	Year	Amount	Year	Amount	Year	Amount	Year	Amount	Year	Amount	Year	Amount	Year	Amount	Year	Amount	Year	Amount	Year	Amount	Year		
Maximum	3.22	1944	3.48	1896	3.51	1881	3.74	1937	3.28	1960	4.47	1885	5.85	1952	7.62	1933	6.02	2010	5.51	2012	3.39	1952	3.36	1977	Maximum		
Minimum	1.01	1895	0.83	1958	1.17	1954	0.93	1899	0.91	1938	1.17	1880	1.36	2022	1.56	1967	1.25	1907	1.06	1901	0.84	1886	1.25	1967	Minimum		
Average	1.80		1.70		1.95		1.93		1.83		2.37		2.94		2.83		3.20		2.47		2.07		1.90		Average		

Data through 7/15/2026, Updated 7/16/2026

DATA SOURCE: 1) NOAA, National Weather Service, Baltimore/Washington: <https://www.weather.gov/bow/Climate?wfo=bwi>
2) NOAA, NCDC, "Local Climatological Data, Baltimore," 1915-2026: <https://www.ncdc.noaa.gov/cdo-web/datatool/cf/1915-2026>

DATA NOTES: 1) Monthly extremes are highlighted in bold red.
2) This data for Baltimore includes downtown locations (1/1/1871-7/22/1950), then Baltimore-Washington (formerly Friendship) International Airport (7/23/1950-Present). See detailed station information and periods of record in the "Stations Location" Table, above.
3) In the long-term Baltimore Precipitation Archive, there are currently only 4 dates in the year that have not registered a daily amount of ≥ 1.00 of precipitation: February 27th (0.83"), April 7th (0.93"), May 14th (0.91"), and November 18th (0.84").

BALTIMORE, MARYLAND																											
TOP-10 PRECIPITATION EXTREMES FOR SPECIFIED PERIODS																											
(measurements in inches)																											
Period of Record: 1/1/1871-Present																											
MAXIMUM CALENDAR-DAY PRECIPITATION																											
RANK	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		ALL DAYS		RANK
	Amount	End Date	Amount	End Date	Amount	End Date	Amount	End Date	Amount	End Date	Amount	End Date	Amount	End Date	Amount	End Date	Amount	End Date	Amount	End Date	Amount	End Date	Amount	End Date	Amount	End Date	
1	3.22	1/31/1944	3.48	2/6/1896	3.51	3/9/1881	3.74	4/26/1937	3.28	5/8/1960	4.47	6/28/1885	5.85	7/8/1952	7.62	8/23/1933	6.02	9/20/2010	5.51	10/29/2012	3.39	11/21/1952	3.36	12/28/1977	7.62	8/23/1933	1
2	2.84	1/21/1915	3.26	2/11/1983	2.71	3/4/1889	3.58	4/26/1888	2.46	5/28/1968	3.94	6/21/1915	4.79	7/23/2018	6.30	8/12/2014	5.97	9/24/1912	4.38	10/10/1922	3.11	11/16/1926	3.08	12/13/1909	6.30	8/12/2014	2
3	2.77	1/19/48	2.61	2/30/2013	2.61	3/30/2013	3.39	4/17/1910	2.40	5/23/1989	3.84	6/22/1972	4.45	7/23/2018	4.91	8/12/1952	5.02	9/16/1999	4.37	10/8/2005	2.82	11/24/1871	2.88	12/29/1901	6.02	9/30/2010	3
4	2.62	1/29/2024	2.60	2/31/1886	2.56	3/23/2005	3.06	4/30/2014	2.19	5/26/2009	3.65	6/23/1941	4.26	7/20/1956	4.04	8/27/1971	5.00	9/27/1885	3.66	10/13/2013	2.79	11/31/1947	2.85	12/10/1878	5.97	9/24/1912	4
5	2.51	1/7/1996	2.30	3/22/2023	2.48	4/23/1994	3.06	4/30/1947	2.28	5/13/2025	3.19	6/29/1963	4.07	7/24/2018	3.82	8/13/1933	4.76	9/6/1899	3.39	10/23/1929	2.74	11/30/2020	2.73	12/20/1986	5.85	7/8/1952	5
6	2.50	1/19/1920	2.15	3/27/2023	2.45	3/31/1893	2.95	4/26/1929	2.23	5/14/2010	3.11	6/27/2015	3.99	7/23/2018	3.59	8/27/2011	4.39	9/26/1999	3.30	10/17/1932	2.74	11/31/1997	2.49	12/26/1986	5.51	10/26/1912	6
7	2.45	1/14/1984	2.18	3/21/1993	2.35	3/23/1991	2.14	4/26/1939	2.22	5/25/1952	2.98	6/23/1963	3.79	7/23/2018	4.19	8/14/1971	3.39	10/26/1943	2.72	11/6/1963	2.47	12/17/1989	5.02	9/16/1999	5.02	9/16/1999	7
8	2.42	1/23/1925	2.01	3/16/2023	2.31	3/31/2010	2.52	4/15/2007	2.20	5/12/2008	2.75	6/25/2006	3.75	7/11/1884	3.51	8/12/2020	4.13	9/3/1992	3.78	10/26/1983	2.65	11/8/1996	2.38	12/7/2011	5.00	9/27/1985	8
9	2.34	1/6/1905	1.81	3/20/1924	2.31	3/26/1978	2.59	4/29/1875	2.20	5/28/1989	2.68	6/12/1911	3.71	7/20/1880	3.41	8/19/1953	4.00	9/6/1891	2.74	10/4/1962	2.44	11/7/1997	2.37	12/13/1975	4.91	8/12/1955	9
10	2.11	1/31/1914	1.80	2/1/2008	2.24	3/25/1884	2.44	4/8/1935	2.16	5/8/1973	2.66	6/11/1880	3.65	7/13/1889	3.36	8/26/2022	3.96	9/1/1952	2.74	10/4/1877	2.39	11/17/1953	2.24	12/15/1993	4.79	7/21/2018	10
MAXIMUM 24-HOUR PRECIPITATION																											
RANK	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		ALL DAYS		RANK
	Amount	End Date	Amount	End Date	Amount	End Date	Amount	End Date	Amount	End Date	Amount	End Date	Amount	End Date	Amount	End Date	Amount	End Date	Amount	End Date	Amount	End Date	Amount	End Date	Amount	End Date	
1	3.73	1/4/1844	*3.48	1/6/1896	*3.51	3/9/1881	3.99	4/26/1937	3.65	5/12/2008	5.23	6/22/1972	5.86	7/9/1952	18.35	8/13/1955	6.07	9/25/1912	5.98	10/20/2010	4.19	11/13/1937	3.39	12/29/1977	18.35	8/13/1955	1
2	3.27	1/31/1915	*3.26	2/11/1983	3.18	3/20/1958	3.76	4/30/2014	3.64	5/9/1960	*4.47	6/28/1885	*5.85	7/8/1952	*7.62	8/23/1933	6.04	9/30/1912	5.70	10/30/2012	3.43	11/22/1952	3.36	12/8/1977	*7.62	8/23/1933	2
3	*3.22	1/31/1944	2.62	3/24/2016	*2.71	3/4/1889	*3.74	4/26/1937	3.58	5/8/1960	3.97	6/14/1915	4.79	7/23/2018	6.31	8/12/2014	*6.02	9/30/2010	*5.51	10/29/2012	*3.39	11/22/1952	*3.16	12/13/1909	6.31	8/12/2014	3
4	*2.96	1/24/1948	*2.61	2/24/2016	2.64	3/14/1994	3.69	4/26/1937	3.25	5/7/1933	*3.94	6/23/1941	*4.45	7/23/2018	*5.97	8/27/2011	5.30	10/20/2010	3.34	11/16/1936	*3.08	12/13/1909	*6.30	8/12/2014	4		
5	*2.84	1/23/1915	*2.60	3/11/1886	2.63	3/20/2013	3.58	4/26/1888	2.99	5/8/1886	*3.84	6/22/1972	*4.26	7/20/1956	*4.91	8/12/1952	5.26	9/16/1999	*4.38	10/10/1922	*3.11	11/16/1926	*2.88	12/29/1901	6.02	9/25/1912	5
6	*2.77	1/19/48	2.55	2/22/2003	*2.61	3/30/2011	*3.39	4/17/1910	2.79	5/14/2005	*3.65	6/12/1941	*4.02	7/24/2018	4.69	8/28/2011	5.08	9/15/1904	*3.37	10/8/2005	*3.07	11/7/1963	*2.85	12/10/1878	6.04	9/27/1985	6
7	2.72	1/8/1996	2.54	2/20/1924	2.60	3/28/1932	3.33	4/16/1929	2.69	5/28/1968	3.35	6/10/1963	4.04	7/17/2018	4.36	8/14/1973	*5.02	9/16/1999	4.16	10/26/1943	2.85	11/24/1977	2.78	12/14/1996	6.02	9/30/2010	7
8	*2.62	1/30/1924	2.50	3/6/2010	*2.56	3/23/2005	3.21	4/28/1928	2.60	5/26/2009	3.23	6/14/1947	4.02	7/31/1889	4.33	8/27/1971	*5.00	9/27/1985	4.16	10/23/1929	2.83	11/10/1937	2.73	12/31/1996	5.98	10/8/2005	8
9	2.57	3/30/1938	*2.30	3/22/2023	2.53	3/26/1978	*3.06	4/29/2014	*2.46	5/28/1968	*3.19	6/29/1963	4.01	7/23/1966	*4.04	8/27/1971	4.92	9/16/1976	4.10	10/11/2013	*2.82	11/24/1877	2.56	12/8/1888	*5.97	9/24/1912	9
10	2.54	1/14/1984	2.28	2/1/2003	2.51	3/29/1884	*3.06	4/30/1947	2.44	5/25/1952	3.17	6/17/2006	*3.99	7/13/1889	3.89	8/12/1928	*4.76	9/6/1895	4.09	10/27/2007	*2.82	11/7/1947	2.54	12/15/1993	5.86	7/9/1952	10
MAXIMUM 2-DAY PRECIPITATION																											
RANK	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		ALL DAYS/MONTHS		RANK
	Amount	End Date	Amount	End Date	Amount	End Date	Amount	End Date	Amount	End Date	Amount	End Date	Amount	End Date	Amount	End Date	Amount	End Date	Amount	End Date	Amount	End Date	Amount	End Date	Amount	End Date	
1	3.22	1/31/1944	3.56	3/2/1896	3.68	3/30/1881	5.82	4/26/1937	3.75	5/8/1960	6.03	6/28/1885	6.01	7/8/1952	8.50	8/23/1933	6.58	9/20/2010	6.65	10/29/2012	3.73	11/21/1952	3.68	12/28/1977	8.50	8/23/1933	1
2	3.41	1/31/1915	3.26	2/11/1983	3.69	3/9/1881	4.47	4/26/1937	4.40	5/8/1960	4.47	6/28/1885	5.85	7/8/1952	7.62	8/23/1933	6.04	9/25/1912	5.98	10/30/2012	4.19	11/13/1937	3.39	12/29/1977	8.25	8/23/1933	2
3	3.33	1/19/1896	3.26	2/12/1983	3.60	3/4/1889	4.35	4/26/1937	3.35	5/8/1886	4.43	6/23/1972	4.50	7/24/2018	7.62	8/23/1933	6.00	9/30/2010	6.01	10/13/2013	3.56	11/16/1926	3.23	12/11/1952	7.62	8/23/1933	3
4	3.22	1/14/1984	3.21	2/24/2016	3.43	3/20/1958	4.30	4/30/2014	3.30	5/7/1933	4.03	6/13/1915	5.29	7/22/2018	6.31	8/12/2014	6.04	9/27/1985	5.70	10/23/2012	3.46	11/22/1952	3.21	12/10/1901	6.65	10/8/2005	4
5	3.07	1/23/1948	3.20	3/12/1948	3.29	3/13/2010	4.22	4/27/1937	3.28	5/8/1960	3.94	6/21/1915	5.02	7/28/2004	6.30	8/13/2014	6.02	9/30/2010	5.30	10/30/1922	3.40	11/23/1963	3.16	12/13/1909	6.58	9/24/1912	5
6	3.00	1/23/1915	3.05	2/25/1979	3.09	3/21/1878	3.89	4/27/1889	3.25	5/2/1948	3.65	6/23/1941	4.79	7/23/2018	5.27	8/14/1955	5.80	9/16/1999	4.42	10/23/1929	3.19	11/25/1877	3.11	12/11/1878	6.43	10/8/2012	6
7	2.89	1/19/1913	2.67	2/25/2015	2.98	3/19/1994	3.85	4/27/1932	2.96	5/16/2018	3.58	6/25/2006	4.63	7/14/1975	4.95	8/12/1953	5.31	9/21/1919	4.38	10/13/1932	3.41	11/17/1936	3.08	12/14/1969	6.31	8/12/2014	7
8	2.70	1/14/1984	2.62	2/20/2024	2.78	3/16/1989	3.77	4/26/1937	2.94	5/14/2015	3.53	6/14/1915	4.42	7/23/2018	4.79	8/13/1933	4.32	9/20/1929	4.06	10/24/1977	2.95	11/29/2019	2.96	12/29/1901	6.30	8/12/2014	8
9	2.62	1/26/1904	2.60	2/11/1889	2.77	3/27/1978	4.40	4/27/1938	2.86	5/16/1988	3.39	6/23/1941	4.46	7/25/2013	4.48	8/28/2011	5.24	9/27/1981	4.39	10/28/1943	2.95	11/28/1963	2.95	12/10/1878	6.19	10/8/2005	9
10	2.60	1/23/1915	2.59	2/22/2023	2.73	3/16/2007	3.39	4/17/1910	2.61	5/26/2009	3.28	6/25/2006	4.30	7/14/1975	4.40	8/14/1879	5.08	9/15/1904	4.12	10/27/2007	2.86	11/8/1987	2.92	12/10/1878	6.09	9/30/2010	10
MAXIMUM 3-DAY PRECIPITATION																											
RANK	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		ALL DAYS/MONTHS		RANK
	Amount	End Date	Amount	End Date	Amount	End Date	Amount	End Date	Amount	End Date	Amount	End Date	Amount	End Date	Amount	End Date	Amount	End Date	Amount	End Date	Amount	End Date	Amount	End Date	Amount	End Date	
1	4.41	3/25/1944	3.69	2/6/1896	3.80	3/10/1881	6.13	4/27/1889	4.14	5/8/1886	6.62	6/23/1972	6.71	7/23/2018	10.98	8/23/1933	6.80	9/25/1912	6.72	10/8/2005	5.98	11/23/1952	3.95	12/20/1977	10.98	8/23/1933	1
2	3.04	1/24/1944	3.56	2/19/1896	3.68	3/31/1881	5.82	4/26/1937	3.96	5/12/2008	6.22	6/22/1972	6.40	7/9/1952	10.18	8/13/1955	6.68	9/8/2011	6.67	10/1/1912	5.76	11/22/1952	3.73	12/26/1986	10.35	8/23/1933	2
3	3.63	3/19/1996	3.50	3/18/1868	3.55	3/9/1858	5.77	4/26/1937	3.75	5/8/1860	5.99	6/23/1941	5.98	7/2/1911	6.65	8/7/2011	6.55	9/7/2011	6.47	10/1/1912	3.70	11/28/1977	3.73	12/18/1977	8.54	8/13/1933	3
4	3.57	1/31/1915	3.42	2/26/1979	3.64	3/4/1889	4.96	4/19/1910	3.74	5/7/2018	4.56	6/14/1972	5.88	7/12/2018	8.35	8/23/1958	6.48	9/21/1912	6.43	10/13/2012	3.68	11/8/1926	3.33	12/31/1901	8.35	8/24/1914	4
5	3.41	1/5/1914	3.30	4/25/1978	3.63	3/31/1881	4.83	4/27/193																			