

WASHINGTON-DULLES INTERNATIONAL AIRPORT - DULLES, VIRGINIA

Highest Precipitation by Calendar Day

(Amounts in Inches)

Period of Record: 4/1/1960-Present

DAY	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		DAY
	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	1.73	2003	1.44	2008	1.06	1997	1.64	1973	1.42	1981	1.22	1969	0.76	1984	1.09	2018	2.76	2006	4.06	1979	1.07	1963	2.02	1974	1
2	1.40	1979	1.23	1973	1.51	1994	2.07	2005	1.39	2016	2.93	1969	2.36	1968	1.37	2004	0.97	1969	2.35	2012	1.32	2018	1.42	1986	2
3	1.37	1999	1.33	2014	1.43	1997	0.70	2008	1.03	1984	4.34	1991	1.66	1978	1.03	1970	1.47	1969	0.86	1987	0.72	1970	1.14	1967	3
4	0.89	1992	2.17	1998	2.16	1993	1.47	1987	1.23	1996	1.63	2008	1.87	2001	1.87	2020	1.29	1996	0.81	1999	1.95	1970	1.18	1993	4
5	1.11	1993	1.47	2010	1.41	1965	1.75	1960	2.34	1989	1.42	1963	1.43	2005	1.78	1990	3.78	1979	2.04	1971	1.60	2003	1.02	2003	5
6	0.97	2024	1.98	2010	2.30	2011	1.57	2017	1.18	2022	1.83	1983	1.68	2017	2.49	1986	5.11	2008	1.05	2006	2.42	1963	1.03	2016	6
7	1.56	1996	1.53	1965	1.53	1967	1.33	1988	1.51	1967	1.88	1989	1.59	2005	2.33	2000	1.11	2011	3.50	2005	2.31	1997	2.14	2011	7
8	1.07	1978	0.84	1997	1.16	1995	1.15	2000	2.10	1960	1.71	2014	1.96	2005	1.39	2024	3.56	1987	2.79	2005	2.14	1996	1.24	1972	8
9	1.76	2024	1.07	1970	0.99	2024	1.02	1998	0.93	1974	0.66	1977	2.23	1970	2.28	1969	1.40	2018	2.53	1976	0.54	2015	1.12	1973	9
10	1.21	2026	0.65	1970	1.41	2011	0.84	1983	1.61	1990	1.16	2009	1.63	1995	2.38	1984	1.50	1968	2.22	2013	2.08	1990	2.26	1992	10
11	0.90	1991	2.07	1983	0.82	1963	0.74	2009	3.73	2008	1.07	2004	3.71	2013	4.68	1984	1.45	2023	3.38	2013	1.21	2020	1.51	2024	11
12	0.91	2018	1.77	1985	1.41	1968	1.45	2004	1.37	1974	1.88	1968	2.61	1990	2.07	1996	1.18	1965	0.78	1990	1.92	2004	0.95	1964	12
13	1.03	1964	1.29	1972	1.63	1977	1.79	2020	1.93	1971	2.03	1982	1.30	1975	1.48	2003	0.68	1983	1.92	2011	0.87	2012	1.47	1996	13
14	1.79	2005	1.27	1984	0.99	1999	2.13	1970	1.87	2018	1.51	2025	1.56	2002	1.12	2008	5.52	1966	1.61	1995	1.90	1972	1.24	2020	14
15	1.56	1995	0.59	2026	0.89	1967	1.96	1983	2.40	2003	1.70	1960	1.01	2005	2.18	2019	1.06	1981	1.30	2014	1.50	2018	2.49	2018	15
16	1.12	2022	2.33	2003	1.56	2007	2.43	1993	1.97	2014	2.82	2016	1.65	1989	1.45	2003	2.05	1999	1.10	2002	1.75	1989	1.30	2020	16
17	1.14	1994	1.36	1998	1.14	1993	1.44	2000	1.22	1970	1.01	1979	1.11	2018	3.32	1997	1.71	2004	1.11	1975	1.03	1987	1.91	2023	17
18	1.18	1980	1.29	1964	1.16	1998	0.59	1978	3.13	1988	1.14	1991	1.66	2017	1.39	2010	1.76	2003	2.09	1996	0.57	1968	2.92	1977	18
19	1.36	1987	1.34	1972	1.07	1975	1.26	2019	1.18	1988	1.99	2003	1.52	1968	1.54	1967	1.26	2000	1.36	1966	1.93	2003	1.34	2009	19
20	1.01	1979	1.02	1996	1.81	2003	2.90	2008	1.86	2005	1.49	1962	2.28	1970	2.17	1963	0.87	1966	1.44	2019	0.78	2024	0.66	1973	20
21	0.94	1974	0.93	2015	2.69	2019	2.20	1992	1.06	2003	10.67	1972	5.02	2018	2.72	2018	2.59	1979	2.45	1995	2.15	2023	1.15	1973	21
22	1.18	1987	1.69	2003	0.93	1977	2.88	2006	2.07	2001	2.06	2001	2.25	1969	0.94	2009	1.57	1982	0.90	1985	1.54	1991	2.14	2022	22
23	1.88	2016	1.34	1987	2.21	1991	0.67	1963	2.40	2010	0.94	2026	1.51	1988	1.60	2001	1.74	2003	2.63	1990	1.25	1992	1.30	2004	23
24	1.33	2019	1.52	1979	1.79	1979	1.25	1983	1.11	2026	1.76	1994	0.86	2020	3.88	1967	2.17	2001	1.69	2009	1.81	1971	2.01	1986	24
25	1.84	2026	1.20	1979	0.96	1984	1.34	1973	1.76	1997	5.94	2006	1.54	1992	3.03	1999	2.67	1975	3.39	1971	1.31	1964	0.82	1969	25
26	1.31	2011	0.93	1962	1.55	1988	0.93	2004	3.59	2009	1.92	2006	0.76	1989	1.48	1965	2.15	1975	1.76	1977	1.72	2013	1.41	2012	26
27	0.95	1976	0.60	2000	1.19	1994	1.65	1973	1.45	1968	1.47	2015	3.50	1994	1.98	1971	1.55	1985	1.89	2003	2.59	1993	1.04	1964	27
28	1.64	1998	1.13	1966	1.40	1984	1.68	2002	2.16	1982	1.99	2026	1.65	2000	1.73	2002	1.61	2004	1.97	2015	2.23	1993	1.74	1967	28
29	0.95	1990	1.35	2012	1.33	2001	1.19	2014	1.00	1984	2.70	1975	0.92	2001	1.92	2024	2.23	1963	4.26	2012	2.04	1963	1.27	2013	29
30	2.00	2013	-	-	1.24	1974	3.99	2014	2.65	1960	1.25	1972	1.29	2018	1.21	1978	4.74	2010	1.00	2012	1.38	2020	0.87	1969	30
31	0.84	2025	-	-	1.55	2017	-	-	2.35	2018	-	-	1.87	1978	3.21	1975	-	-	1.35	2019	-	-	1.90	1975	31
DAY	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		DAY
	Amount	Year	Amount	Year	Amount	Year	Amount	Year	Amount	Year	Amount	Year	Amount	Year	Amount	Year	Amount	Year	Amount	Year	Amount	Year	Amount	Year	
MAX	2.00	2013	2.33	2003	2.69	2019	3.99	2014	3.73	2008	10.67	1972	5.02	2018	4.68	1984	5.52	1966	4.26	2012	2.59	1993	2.92	1977	MAXIMUM
MIN	0.84	2025	0.59	2026	0.82	1963	0.59	1978	0.93	1974	0.66	1977	0.76	1989, 1984	0.94	2009	0.68	1983	0.78	1990	0.54	2015	0.66	1973	MINIMUM
AVG	1.29		1.34		1.43		1.60		1.84		2.20		1.83		2.04		2.12		1.99		1.59		1.48		AVERAGE

Data through 8/7/2026, Updated 8/8/2026

DATA SOURCE: NOAA, National Weather Service - Baltimore/Washington, Sterling, VA: <https://www.weather.gov/wrh/climate?wfo=twx>

DATA NOTE: Monthly Maximum Extremes are highlighted in **bold red**, Minimum Extremes in **bold blue**.

STATION DATA SOURCE: NOAA, NCDC, "2017 Local Climatological Data, Annual Summary, Washington, DC (KIAD)": <https://www.ncdc.noaa.gov/access/search/data-search/local-climatological-data-v2>

STATION NOTE: Automated Surface Observation System (ASOS) implemented at IAD on 5/1/1996.

DULLES AIRPORT'S TOP-10 CALENDAR-DAY & MULTI-DAY PRECIPITATION EXTREMES ARE FOUND BELOW



WASHINGTON-DULLES INTERNATIONAL AIRPORT, DULLES, VIRGINIA

Top-10 Extremes: Maximum Calendar-Day, 2-Day, and 3-Day Amounts

(measurements in inches)

Period of Record: 4/1/1960-Present

MAXIMUM CALENDAR-DAY PRECIPITATION

RANK	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		ALL DAYS		RANK
	Precip	Date	Precip	Date	Precip	Date	Precip	Date	Precip	Date	Precip	Date	Precip	Date	Precip	Date	Precip	Date	Precip	Date	Precip	Date	Precip	Date	Precip	Date	
1	2.00	1/30/2013	2.33	2/16/2003	2.69	3/21/2019	3.99	4/30/2014	3.73	5/11/2008	10.67	6/21/1972	5.02	7/21/2018	4.68	8/11/1984	5.52	9/14/1966	4.26	10/29/2012	2.59	11/27/1993	2.92	12/18/1977	10.67	6/21/1972	1
2	1.88	1/23/2016	2.17	2/4/1998	2.30	3/6/2011	2.90	4/20/2008	3.59	5/26/2009	5.94	6/25/2006	3.71	7/11/2013	3.88	8/24/1967	5.11	9/6/2008	4.06	10/1/1979	2.42	11/6/1963	2.49	12/15/2018	5.94	6/25/2006	2
3	1.84	1/25/2026	2.07	2/11/1983	2.21	3/23/1991	2.88	4/22/2006	3.13	5/18/1988	4.34	6/3/1991	3.50	7/27/1994	3.32	8/17/1997	4.74	9/30/2010	3.50	10/7/2005	2.31	11/7/1997	2.26	12/10/1992	5.52	9/14/1966	3
4	1.79	1/14/2005	1.98	2/6/2010	2.16	3/4/1993	2.43	4/16/1993	2.65	5/30/1960	2.93	6/2/1969	2.61	7/12/1990	3.21	8/31/1975	3.78	9/5/1979	3.39	10/25/1971	2.23	11/28/1993	2.14	12/22/2022	5.11	9/6/2008	4
5	1.76	1/9/2024	1.77	2/12/1985	1.81	3/20/2003	2.20	4/21/1992	2.40	5/23/2010	2.82	6/16/2016	2.36	7/2/1968	3.03	8/25/1999	3.62	9/6/1996	3.38	10/11/2013	2.15	11/21/2023	2.14	12/7/2011	5.02	7/21/2018	5
6	1.73	1/1/2003	1.69	2/22/2003	1.79	3/24/1979	2.13	4/14/1970	2.40	5/15/2003	2.70	6/29/1975	2.28	7/20/1970	2.72	8/21/2018	3.56	9/8/1987	2.79	10/8/2005	2.14	11/8/1996	2.02	12/1/1974	4.74	9/30/2010	6
7	1.64	1/28/1998	1.53	2/7/1965	1.67	3/23/2005	2.07	4/2/2005	2.35	5/31/2018	2.69	6/3/2009	2.25	7/22/1969	2.49	8/6/1986	2.76	9/1/2006	2.63	10/23/1990	2.08	11/10/1990	2.01	12/24/1986	4.68	8/11/1984	7
8	1.57	1/25/1978	1.52	2/24/1979	1.63	3/13/1977	1.96	4/15/1983	2.34	5/5/1989	2.11	6/3/1963	2.23	7/9/1970	2.38	8/10/1984	2.67	9/25/1975	2.59	10/23/1983	2.04	11/29/1963	1.94	12/24/2020	4.34	6/3/1991	8
9	1.56	1/7/1996	1.47	2/5/2010	1.59	3/20/1998	1.93	4/15/2007	2.16	5/28/1982	2.06	6/22/2001	1.99	7/20/1988	2.33	8/7/2000	2.59	9/21/1979	2.53	10/9/1976	1.95	11/4/1970	1.91	12/17/2023	4.26	10/29/2012	9
10	1.56	1/15/1995	1.44	2/1/2008	1.56	3/16/2007	1.79	4/13/2020	2.10	5/8/1960	2.03	6/13/1982	1.96	7/8/2005	2.28	8/17/1994, 8/9/1969	2.34	9/14/1973	2.45	10/21/1995	1.94	11/28/1984	1.90	12/31/1975	4.06	10/1/1979	10

MAXIMUM 2-DAY PRECIPITATION

RANK	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		ALL DAYS/MONTHS		RANK
	Precip	End Date	Precip	End Date	Precip	End Date	Precip	End Date	Precip	End Date	Precip	End Date	Precip	End Date	Precip	End Date	Precip	End Date	Precip	End Date	Precip	End Date	Precip	End Date	Precip	End Date	
1	2.63	1/23/2016	3.45	2/6/2010	2.74	3/22/2019	5.18	4/30/2014	4.51	5/12/2008	12.63	6/22/1972	5.10	7/22/2018	7.06	8/11/1984	6.16	9/14/1966	6.29	10/8/2005	4.82	11/28/1993	3.24	12/18/1977	12.63	6/22/1972	1
2	2.32	1/31/2013	2.72	2/25/1979	2.69	3/21/2019	3.84	4/21/2008	4.31	5/19/1988	11.22	6/21/1972	5.02	7/21/2018	4.88	8/24/1967	5.66	9/15/1966	5.60	10/11/2013	3.63	11/7/1963	3.22	12/11/1992	11.22	6/21/1972	2
3	2.23	1/28/1998	2.65	2/16/2003	2.65	3/7/1967	3.08	4/22/2006	4.02	5/11/2008	7.86	6/26/2006	4.85	7/12/2013	4.68	8/12/1984	5.42	9/6/2008	5.26	10/30/2012	2.72	11/8/1997	3.12	12/19/1977	7.86	6/26/2006	3
4	2.04	1/26/1978	2.63	2/5/1998	2.34	3/23/1991	2.99	4/23/2006	3.88	5/16/2014	5.94	6/25/2006	4.05	7/28/1994	4.38	8/26/1999	5.11	9/7/2008	4.66	10/29/2012	2.67	11/4/1970	2.81	12/16/2018	7.06	8/11/1984	4
5	2.01	1/14/2005	2.53	2/17/2003	2.33	3/7/2011	2.90	4/20/2008	3.65	5/26/2009	4.34	6/3/1991	3.71	7/11/2013	3.89	8/25/1967	5.04	9/30/2010	4.44	10/2/1979	2.59	11/27/1993	2.74	12/15/2018	6.29	10/8/2005	5
6	2.00	1/30/2013	2.23	2/4/1998	2.30	3/6/2011	2.43	4/17/1993	3.61	5/27/2009	4.15	6/2/1969	3.55	7/8/2005	3.72	8/31/1975	4.82	9/26/1975	3.83	10/7/2005	2.55	11/6/1963	2.50	12/2/1974	6.16	9/14/1966	6
7	1.91	1/27/1979	2.11	2/11/1983	2.29	3/29/1984	2.40	4/2/2005	3.36	5/18/1988	3.39	6/27/2006	3.53	7/27/1994	3.46	8/7/2000	4.50	9/25/1975	3.75	10/25/1971	2.31	11/7/1997	2.36	12/23/2022	5.94	6/25/2006	7
8	1.88	1/24/1966	2.07	2/12/1983	2.28	3/5/1993	2.32	4/15/1970	3.10	5/6/1989	3.25	6/4/2009	3.12	7/13/1990	3.34	8/18/1997	3.97	9/8/1987	3.71	10/12/2013	2.24	11/9/1996	2.35	12/7/2011	5.66	9/15/1966	8
9	1.84	1/25/2026	1.99	2/22/2003	2.26	3/4/1993	2.28	4/22/1992	3.01	5/23/2010	3.03	6/15/2025	2.84	7/6/2017	3.32	8/17/1997	3.89	9/6/1979	3.39	10/26/1971	2.23	11/29/1993	2.27	12/18/2023	5.60	10/11/2013	9
10	1.84	1/7/2009	1.98	2/7/2010	2.21	3/28/1994, 3/24/1991	2.21	4/21/1992	2.83	5/27/2002	2.98	6/3/1969	2.76	7/12/1990	3.31	8/25/1999	3.78	9/5/1979	3.29	10/9/1976	2.22	11/27/2013	2.26	12/10/1992	5.42	9/6/2008	10

MAXIMUM 3-DAY PRECIPITATION

RANK	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		ALL DAYS		RANK
	Precip	End Date	Precip	End Date	Precip	End Date	Precip	End Date	Precip	End Date	Precip	End Date	Precip	End Date	Precip	End Date	Precip	End Date	Precip	End Date	Precip	End Date	Precip	End Date	Precip	End Date	
1	2.63	1/23/2016	3.45	2/6/2010	3.16	3/20/1998	5.35	4/30/2014	4.87	5/11/2008	13.18	6/22/1972	5.57	7/23/2018	7.74	8/11/1984	6.65	9/26/1975	6.62	10/8/2005	4.82	11/28/1993	3.44	12/19/1977	13.18	6/22/1972	1
2	2.32	1/31/2013	2.93	2/25/1979	2.74	3/22/2019	3.84	4/22/2008	4.80	5/12/2008	13.10	6/23/1972	5.10	7/22/2018	7.06	8/12/1984	6.30	9/15/1966	6.29	10/9/2005	3.76	11/7/1963	3.40	12/20/1977	13.10	6/23/1972	2
3	2.23	1/28/1998	2.86	2/26/1979	2.69	3/21/2019	3.84	4/21/2008	4.74	5/28/2009	11.22	6/21/1972	5.02	7/21/2018	4.89	8/25/1967	6.16	9/14/1966	5.93	10/12/2013	3.63	11/8/1963	3.24	12/18/1977	11.22	6/21/1972	3
4	2.21	1/30/2013	2.85	2/17/2003	2.67	3/29/1994	3.19	4/23/2006	4.65	5/20/1988	9.33	6/27/2006	4.86	7/13/2013	4.88	8/24/1967	5.90	9/25/1975	5.81	10/11/2013	2.87	11/9/1997	3.23	12/12/1992	9.33	6/27/2006	4
5	2.12	1/3/2003	2.69	2/5/1998	2.65	3/7/1967	3.19	4/27/1973	4.54	5/19/1988	7.86	6/26/2006	4.85	7/12/2013	4.87	8/13/1984	5.66	9/16/1966	5.66	10/30/2012	2.72	11/8/1997	3.22	12/11/1992	7.86	6/26/2006	5
6	2.09	1/26/1978	2.67	2/16/2003	2.54	3/21/1998	3.08	4/22/2006	4.51	5/13/2008	5.98	6/25/2006	4.13	7/29/1994	4.66	8/26/1999	5.43	9/30/2010	5.26	10/31/2012	2.69	11/4/1970	3.06	12/16/2018	7.74	8/11/1984	6
7	2.04	1/27/1978	2.63	2/6/1998	2.52	3/3/1997	2.99	4/24/2006	3.88	5/16/2014	4.93	6/3/1991	4.08	7/28/1994	4.55	8/27/1999	5.42	9/6/2008	4.66	10/29/2012	2.67	11/5/1970	2.81	12/17/2018	7.06	8/12/1984	7
8	2.01	1/14/2005	2.55	2/18/2003	2.38	3/5/1993	2.90	4/20/2008	3.84	5/26/2009	4.34	6/4/1991	3.72	7/14/1990	4.25	8/26/1967	5.11	9/8/2008	4.60	10/3/1979	2.62	11/29/1987	2.74	12/15/2018	6.65	9/26/1975	8
9	1.93	1/8/1996	2.23	2/4/1998	2.37	3/23/1991	2.47	4/30/2023	3.83	5/18/1988	4.20	6/3/1969	3.71	7/11/2013	3.72	8/31/1975	4.91	9/6/1996	4.22	10/25/1971	2.59	11/27/1993	2.54	12/16/2020	6.62	10/8/2005	9
10	1.91	1/3/1979	2.15	2/23/2003	2.34	3/24/1991	2.43	4/17/1993	3.67	5/27/2009	4.03	6/5/2009	3.56	7/27/1994	3.46	8/8/2000	4.82	9/27/1975	3.83	10/13/2013, 10/7/2005	2.55	11/6/1963	2.50	12/3/1974	6.30	9/15/1966	10

Data through 8/7/2026, Updated 8/8/2026

DATA SOURCE: 1) NOAA, NCDC, "Local Climatological Data, Washington Dulles Int'l AP," 1962-Present: <https://www.ncdc.noaa.gov/IPS/lcd/lcd.html>2) NOAA, NCDC, "Climatological Data, Virginia," 1891-Present: <https://www.ncdc.noaa.gov/IPS/cd/cd.html>3) Applied Climate Information System (ACIS): <https://scacis.rcc-acis.org/>4) NOAA, NCDC, "Hourly Precipitation, Virginia,": <https://www.ncdc.noaa.gov/IPS/hpd/hpd.html>5) NOAA, NWS-Sterling (Baltimore/Washington) Website: <https://www.weather.gov/wrh/Climate?wfo=bxw>NOTES: 1) *Italicized values* are ties, with the most recent date at the higher rank.

2) Discrepancies occur between several NCEI sources on the amount of calendar-day and 24-hour precipitation at IAD during the large snowstorm in mid-February 2003. The accepted calendar-day amount on 2/16/2003 is 2.33" from the Annual Summary publications for the State of Virginia Climatological Data and for the Dulles Airport Local Climatological Data (vs. the 1.29" found in the month of February versions of each of those publications). Due to this issue, the maximum 24-hour amount cannot be determined so the calendar-day maximum of 2.33" becomes the highest verified 24-hour amount.

3) Adding Dulles's 24-hour extremes is being considered but it will take quite a bit of research to complete.