



PRESTO



PREcipitation Summary and Temperature Observations
for the Washington, DC and Baltimore, MD Area

JUNE 2024: Warm and Dry; Tornado Outbreak on the 5th



Tornado damage in Gaithersburg, MD on June 5th. Notice the trees were blown in different directions due to the rotating winds of the tornado. Overall, there were 13 tornadoes across the panhandle of WV, northern VA and central and eastern MD that touched down on June 5th. Here is a [summary of the event](#) from the NWS Baltimore/Washington office.

June Highlights

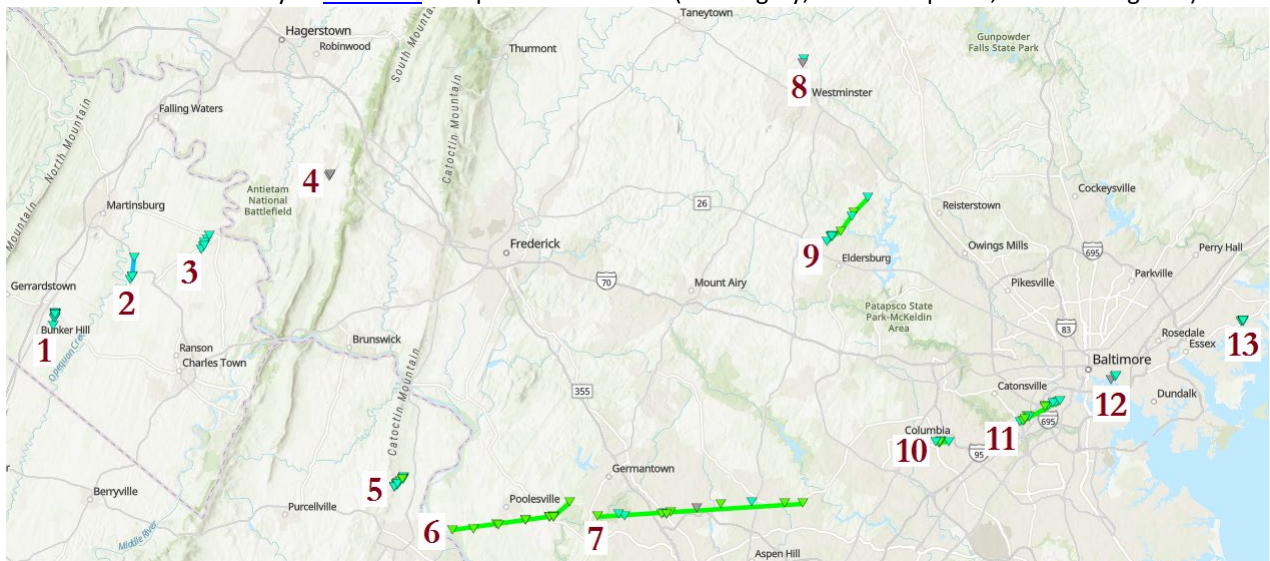
- ☛ **Month (temperature)** – 2nd warmest June on record for both the Washington Area (+3.4°F), and IAD (+4.1°F) and the 5th warmest for the Baltimore area (+4.0°F)
- ☛ **Month (precipitation)** – 2nd driest June on record at IAD (-3.61"), 4th driest for the Washington Area (-3.21"), while BWI (-2.58") recorded its driest June since 2017
- ☛ 5th – Tornado outbreak across WV, VA and MD, see [Summary](#)
- ☛ 22nd – Record high temperatures at IAD (100°F) and BWI (101°F), and a record high minimum at IAD (75°F)
- ☛ 23rd – Record highs at DCA, BWI and IAD (99°F, 98°F and 98°F, respectively), and a record high minimum at BWI (81°F); thunderstorm wind damage also occurred across western and central MD
- ☛ 26th – Record highs at BWI and IAD (99°F for each); and thunderstorm wind damage also occurred in many locations, with gusts to 70-mph in Point Lookout (St. Mary's County), MD and 65-mph in Shepherdstown (Jefferson Co.), WV
- ☛ 30th – Thunderstorm wind damage and large hail in eastern MD including a 56-mph wind gust at Patuxent River NAS (St. Mary's Co.), MD and 1.25" diameter hail in Bryantown, (Charles County) MD

June Summary

Temperatures: June was another month in 2024 with well above average temperatures. Washington had the 2nd warmest June on record (behind 80.6°F in 2010) with a departure of +3.4°F. IAD also recorded its 2nd warmest on record (behind 76.8°F in 2010) with a departure of +4.1°F. Baltimore measured its 5th warmest on record with a departure of 4.0°F. The hottest part of the month was the 22nd through the 26th when several daily record high and high minimum temperatures were set (see above Highlights). DCA and BWI both observed 15 days at or above 90°F, including 11 consecutive days during the 17th-27th; IAD also observed 14 such days. BWI and IAD hit 100°F (or higher) for the first time in June since 2012.

Precipitation: Dry weather persisted for most of the month. June was the 2nd driest on record at IAD (behind 0.58" in 1988) with a departure of -3.61", while it was the 4th driest June for the Washington Area (departure -3.21"). Baltimore did not have a top 10 driest June (with a departure of -2.58") yet it was the city's driest since 2017. Drought conditions escalated quickly during the month with widespread moderate drought by the 25th, and even areas of severe drought (in eastern WV, northern VA, and the MD mountains by month's end), although drought intensity was less near and east of Baltimore. Monitor drought conditions [here](#).

Severe Weather: Summary of [outbreak](#). Map of 13 tornadoes (EFU in gray, EF0 in turquoise, EF1 in lime green):



June 2024 Weather Statistics for the Washington/Baltimore Area

Location	Station Temperatures (°F)					Extreme/Day		Precipitation (inches)			
	Avg Max	Avg Min	Avg Temp	Normal	Normal Depart	Max	Min	Total	Normal	Normal Depart	2024 Precip/Dep from Norm
National (DCA)	89.2	70.2	79.7	76.3	+3.4	100/22	58/1	1.15	4.20	-3.05	19.69/-0.64
Baltimore (BWI)	89.2	66.0	77.6	73.5	+4.1	101/22*	54/1,12	1.40	3.98	-2.58	21.64/+0.43
Dulles (IAD)	88.8	64.1	76.5	72.5	+4.0	100/22*	47/1	0.69	4.30	-3.61	17.99/-3.55

*Daily Record

Looking Ahead: Normal Temperature and Precipitation for July

Location	Temperatures (°F)			All-Time Records		Precipitation (inches)		
	Avg Max	Avg Min	Avg Temp	Max/Date	Min/Date	Normal	Record Max/Year	Record Min/Year
National (DCA)	89.6	72.4	81.0	106/20/1930	52/4/1933*	4.33	11.06/1945	0.82/1872
Baltimore (BWI)	88.8	67.7	78.3	107/10/1936	50/3/2001*	4.48	16.73/2018	0.30/1955
Dulles (IAD)	87.6	66.8	77.2	105/22/2011	41/1/1988	4.15	11.21/2018	0.94/1983

*Latest of more than one occurrence

Front page photograph and above map both courtesy of [Damage Assessment Toolkit](#)

June 5th Tornado Outbreak Summary is found at <https://storymaps.arcgis.com/stories/8d870b299025433d8d5e69800d550c9a>