

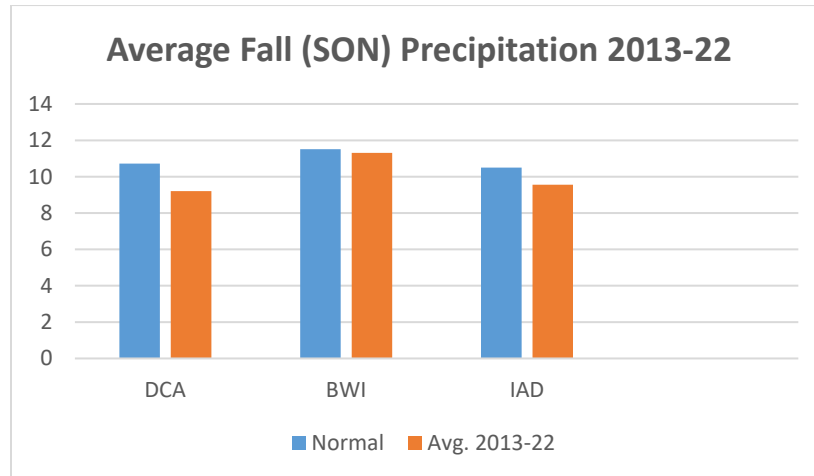


# PRESTO



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

## November and Fall 2022: Mild and Dry



### November Highlights

- 5th – Record high at IAD of 81°F.
- 7th – Record highs at DCA, BWI with 81°F at both stations.
- 11th – Remnants of Hurricane Nicole produced widespread 1-2 inch rains across western MD, western VA, and eastern WV.
- 13th – Light snow in Garrett County, MD, around 1”.
- 15th – Light snow and freezing rain in western MD, Blue Ridge of western VA and Potomac Highlands of eastern WV.
- 17<sup>th</sup>-19<sup>th</sup> – Light snow in the high country of western MD and eastern WV.
- 20th – Non-thunderstorm wind gust of 59 mph in Albemarle County (Greenwood) VA.
- 28th – Non-thunderstorm wind gusts across eastern VA and MD, 44 mph was peak at DCA.
- 30th – Non-thunderstorm wind gusts in Garrett County MD, with a peak of 60 mph in Grantsville, MD.

### Fall Highlights

- September 7th – Flash flooding near Hagerstown, MD and Stephens City, VA.
- September 12th – Flooding and strong winds east of Metros along Chesapeake. 45 mph gust at Calvert Cliffs, MD.
- September 25th – Severe thunderstorms with wind damage and hail mainly in western MD, eastern WV, and western VA. (1.5”) hail in McHenry, MD (Garret County). Marine thunderstorm winds as well along the Chesapeake. 51 mph gust 8 miles east of Smith Island, MD and a 50 mph gust at Point Lookout.
- October 1st – Wind damage (not from thunderstorms) occurred near Jonesboro and Charlottesville, VA and Cherry Grove, WV. Coastal flooding occurred in St. Mary’s County, MD near Straits Point.
- October 4th – Record low maximum temperatures were tied at DCA and IAD with 55°F as a high temperature. A record low max temperature of 54°F was set at Martinsburg (MRB), WV.
- October 9th-10th – The first frost and light freezes of the season occurred in many locations north and west of the metros.
- October 19th-20th – Garrett County, MD had measurable snow (0.3”) near Deer Park on the 19<sup>th</sup> and near McHenry (0.1”) on the 20<sup>th</sup>.
- October 21st – Most areas north and west of the metros had the first hard freeze, ending the growing season.

## November 2022

### November Temperatures:

All three stations were above normal in monthly temperature, ranging from +2.6F at DCA to +3.3F at BWI. The first half of the month was the warmest part of the month with record highs in the low 80s on the 5<sup>th</sup> and 7<sup>th</sup>. The Metro areas observed their first hard freezes of the season between the 18<sup>th</sup> and 21<sup>st</sup>, with lows in upper teens and mid-20s.

### November Precipitation and Severe Weather:

All three stations ended up below normal for the month. The heaviest rains fell on the 15<sup>th</sup> with rainfall amounts over an inch common across most of the area. The 15<sup>th</sup> also saw the only wintry precipitation outside the mountains with several locations observing a trace of snow/sleet. There was no precipitation observed for over two thirds of the month.

### November 2022 Weather Statistics for the Washington/Baltimore Area

Location	Station Temperatures (°F)					Extreme/Day		Precipitation (inches)			
	Av Max	Av Min	Avg T	Nml T	ΔNml	Max	Min	Total	Nml P	ΔNml	Year
National (DCA)	61.3	43.8	52.6	50.0	2.6	81/7	26/21	2.65	2.91	-0.26	39.65
Baltimore (BWI)	60.4	40.1	50.2	46.9	3.3	81/7	19/21	2.44	3.13	-0.69	42.38
Dulles (IAD)	60.2	38.1	49.1	46.0	3.1	81/5	19/21	2.79	3.13	-0.34	35.81

## Fall 2022

### Fall Temperatures:

Overall, the fall season averaged above normal in monthly temperature despite a below-normal October. November was the warmest month relative to normal. The seasonal monthly temperature anomalies ranged from +0.2F at DCA to +1.1F at BWI. There were not many records during the season. There were record low maximum temperatures on October 4<sup>th</sup> with readings in the mid-50s. Early November saw some record highs in the low 80s.

### Fall Precipitation and Severe Weather:

Fall was dry throughout the area although there was enough rain that no drought conditions developed. The precipitation anomalies ranged from -2.80" at DCA to -1.06" at BWI. Each month was at least a little below normal in precipitation at all three stations. September was the driest month relative to normal for DCA and BWI, while October was the driest for IAD.

### Fall 2022 Weather Statistics for the Washington/Baltimore Area

Location	Station Temperatures (°F)					Extreme/Day		Precipitation (inches)		
	Av Max	Av Min	Avg T	Nml T	ΔNml	Max	Min	Total	Nml P	ΔNml
National (DCA)	70.0	52.3	61.2	61.1	0.2	91/Sep 1 and 4	26/Nov 21	7.70	10.50	-2.80
Baltimore (BWI)	69.2	48.6	58.9	57.8	1.1	91/Sep 4	19/Nov 21	10.45	11.51	-1.06
Dulles (IAD)	69.0	46.6	57.8	57.1	0.7	90/Sep 4	19/Nov 21	8.31	10.72	-2.41