

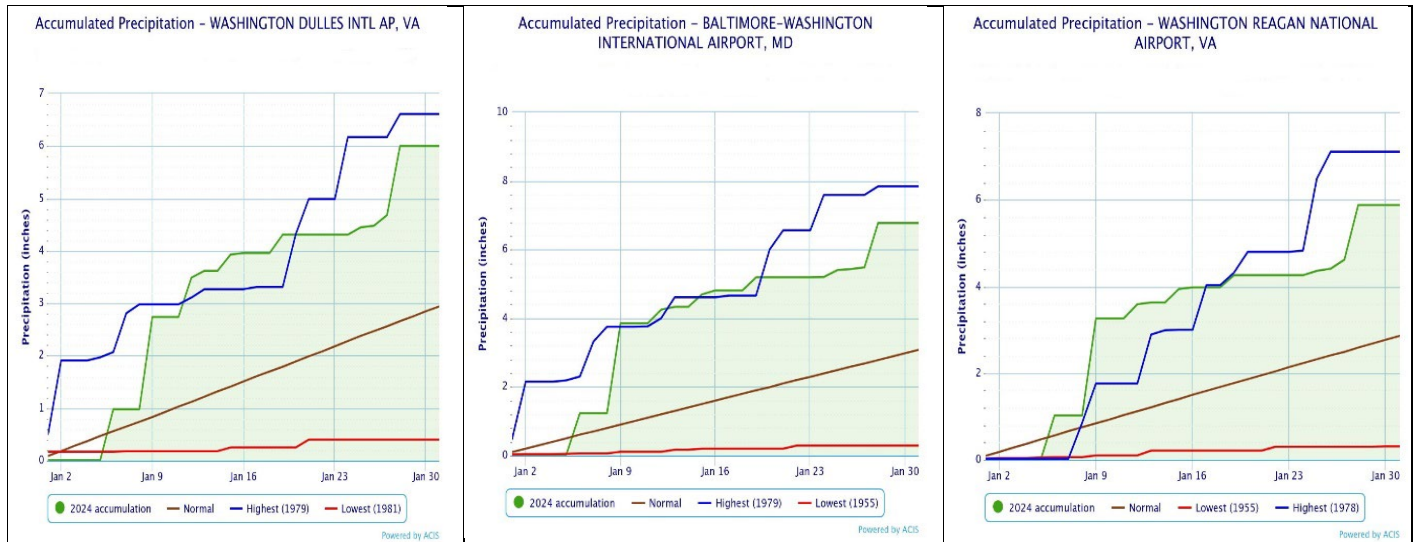


# PRESTO



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

### January 2024: Warm and Wet with Above Normal Snowfall



Accumulated precipitation for IAD (upper left), BWI (upper right) and DCA (lower center) during January 2024. It was the 3<sup>rd</sup> wettest January on record at IAD, 5<sup>th</sup> wettest for Baltimore, and 6<sup>th</sup> wettest for Washington DC. For IAD and DCA, it was the wettest January since 1979, and for BWI, the wettest since 1996.

## January Highlights

- Month (temperature)** – January was a warm month for the area. Monthly average temperature anomalies were +3.3 F for BWI, +3.0F at IAD, and +2.3F at DCA.
- Month (precipitation)** – January was a wet month across the entire area, with above normal monthly precipitation values of 3.69 inches at BWI (5<sup>th</sup> wettest), 3.06 inches at IAD (3<sup>rd</sup> wettest), and 3.02 inches at DCA (6<sup>th</sup> wettest).
- 6<sup>th</sup>** – Daily record rainfall at IAD of 0.97 inches.
- 9<sup>th</sup>** – Daily rainfall records at BWI, DCA, IAD, and Martinsburg of 2.62, 2.24, 1.76, and 1.84 inches, respectively. Strong non-thunderstorm wind gusts of 65 mph 2NW of Long Green, MD and a 63 mph gust at Bishop’s Head, MD (Marine observation).
- 13<sup>th</sup>** – Strong non-thunderstorm wind gusts of 60 mph 3 SSW of Sabillasville, MD.
- 15<sup>th</sup>** – Daily snowfall records of 4.1 inches at BWI and IAD.
- 19<sup>th</sup>** – Daily snowfall record at IAD of 4.9 inches.
- 19<sup>th</sup> – 21<sup>st</sup>** – Storm total snowfall of 21.5 inches in McHenry, MD (Garret County, MD).
- 26<sup>th</sup>** – Daily and monthly record high temperatures set at DCA and IAD of 80F and 79F, respectively.
- 28<sup>th</sup>** – Daily rainfall record at Martinsburg of 1.34 inches.

## January Summary

**Temperatures:** Overall, January was a warm month across the region despite a prolonged cold snap during the middle of the month. The month began mild and that lasted until January 15<sup>th</sup>, when a week-long cold spell began with most places only briefly getting above freezing. From the 23<sup>rd</sup> to the end of the month, temperatures were quite warm, with daily and monthly record highs occurring on the 26<sup>th</sup>. Monthly and daily record highs occurred at DCA and IAD of 80F and 79F, respectively. BWI hit 78F on the 26<sup>th</sup>, missing its daily and monthly record high by 1 degree. For Washington DC, the previous earliest 80-degree temperature in occurred Feb. 21, 2018. In an average year, Washington doesn't post its first 80-degree high until March 28.

The monthly record highs on the 26<sup>th</sup> followed soon after the coldest temperatures of the month on the 22<sup>nd</sup>. Below is a list of the range in temperatures from lows the morning of the 22<sup>nd</sup> (generally the coldest of the month) and highs on the 26<sup>th</sup> (highest of the month).

Location	Temperature Range from the Low on the 22 <sup>nd</sup> to the High on the 26 <sup>th</sup>	Actual Low on the 22 <sup>nd</sup> and High on the 26 <sup>th</sup>
IAD	72F	7F – 79F
Martinsburg	71F	2F – 73F
Charlottesville	65F	15F - 80F
BWI	64F	14F – 78F
Hagerstown	61F	10F – 71F
DCA	59F	21F – 80F
Annapolis	55F	22F – 77F

**Precipitation:** January 2024 was a wet month area wide with well above normal rain and snowfall. It was the 3<sup>rd</sup> wettest January on record at IAD, 5<sup>th</sup> wettest for Baltimore, and 6<sup>th</sup> wettest for Washington DC. For IAD and DCA, it was the wettest January since 1979, and for BWI, the wettest since 1996. Heavy rains occurred on the 6<sup>th</sup>, 9<sup>th</sup>, and 28<sup>th</sup>. Moderate snowfalls occurred across much of the region on the 6<sup>th</sup> (well west of metros), 15<sup>th</sup>, and 19<sup>th</sup>. On the 15<sup>th</sup>, many areas observed a 4 inch or greater snowfall for the first time in over 2 years. At the end of January, BWI and IAD have observed the wettest winter season to date in the Baltimore and Washington Dulles area (13.93 inches at BWI and 11.75 inches at IAD) while DCA observed the 3<sup>rd</sup> wettest winter season to date (12.31 inches at DCA).

### January Stats:

Location	Station Temperatures (°F)					Extreme/Day		Precipitation (inches)			
	Avg. Max	Avg. Min	Avg. Temp	Normal	Normal Dep.	Max	Min	Total	Normal	Normal Departure	Snow/Normal Dep.
National (DCA)	46.8	32.8	39.8	37.5	2.3	80/26**	16/17	5.88	2.86	3.02	7.8/2.9
Baltimore (BWI)	45.8	29.4	37.6	34.3	3.3	78/26	12/17	6.77	3.45	3.32	9.1/2.7
Dulles (IAD)	45.5	28.3	36.9	33.9	3.0	79/26**	7/22	6.00	2.94	3.06	9.5/2.6

\* - Daily record

### Looking Ahead: Normals for February

Location	Station Temperatures (°F)			Extreme/Day		Precipitation (inches)			
	Max	Min	Month Average	Record Max/Date	Record Min/Date	Normal	Precip. Max/Year	Precip. Min/Year	Nml Snowfall/Max/Year
National (DCA)	48.3	31.8	40.0	84/25/1930	-15/11/1899	2.62	6.98/2003	0.35/2009	5.0/35.2/1899
Baltimore (BWI)	46.4	26.9	36.6	83/25/1930	-7/9/1934*	2.90	7.16/1979	0.26/2009	7.5/50.0/2010
Dulles (IAD)	46.1	26.7	36.4	80/23/2023*	-14/18/1979	2.61	6.27/2003	0.25/1978	7.0/46.1/2010

\* - Latest of more than one occurrence