

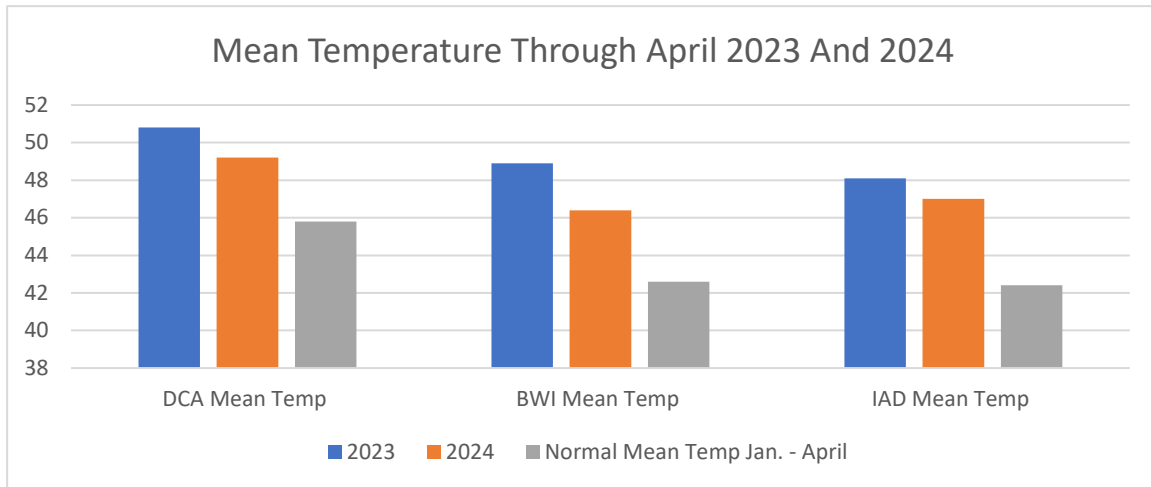


# PRESTO



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

## April 2024: Above Normal Temperatures Once Again



Mean Temperature for DCA, BWI and IAD in 2023 (blue) and 2024 (orange) and normal mean temperature (gray) for the period January to the end of April. **BWI (Baltimore Area) and IAD observed the highest mean annual temperature on record in 2023, while DCA (Washington Area) observed the second highest on record.** 2024 has been well above normal so far through April, but the mean temperature is below the 2023 average through April.

### April Highlights

- Month (temperature)** – April was another month with above average temperatures for the area. Monthly average temperature anomalies were +4.0F for IAD, +2.8F at BWI, and +2.3F at DCA.
- Month (precipitation)** – April was near or slightly above normal in precipitation in northern and western areas but below normal around DC and to the west and south. IAD was 1.73 inches below normal, DCA was 1.15 inches below normal, and BWI was close to normal being .01 inches below normal.
- 3<sup>rd</sup>** – Thunderstorm wind damage and flooding across much of the area. 59 mph gusts at Bay Bridge and Patuxent River, MD.
- 4<sup>th</sup>** – Strong marine thunderstorm winds; 48 mph gust at Solomon’s Island, MD.
- 5<sup>th</sup>** – Snow in higher elevations of MD, WV, and VA. 2.4 inches at Monterrey, VA (Highland County). Graupel (soft hail) reported in many areas.
- 11<sup>th</sup>** – 70 mph wind gust in Wintergreen, VA and 66 mph gust near Greenwood, VA.
- 15<sup>th</sup>** – Many reports of hail across much of the area, with the largest being 1.5-inch diameter hail in Westover, VA (Fairfax County). Strong thunderstorm winds over the eastern shore and marine areas, including 63 mph gusts near Dahlgren, VA, Swan Point, MD, and Cuckold Creek, MD.
- 22<sup>nd</sup> and 23<sup>rd</sup>** – Frost and freezing temperatures in areas west and north of metros, including a 28F low in Martinsburg, WV.
- 29<sup>th</sup>** – Record high temperatures at IAD (91F), and at BWI (92F).

## April Summary

**Temperature:** The first week of April was cold with below average temperatures area wide. The middle of the month saw a significant increase in temperatures while the end of the month returned to below normal temperatures. There were widespread below freezing temperatures on the mornings of the 22<sup>nd</sup> and 23<sup>rd</sup> in areas north and west of the metros (including 28F at Martinsburg on the 22<sup>nd</sup>) but by the 29<sup>th</sup>, record highs were observed at Dulles (91F) and BWI (92F). Monthly average temperature anomalies were, IAD +4.0F, BWI +2.8F, and DCA +2.3F.

**Precipitation:** April began on a wet note with the first three days providing the majority of the rain for the month. The rest of the month was dry across the area, but areas around Baltimore and westward ended up with near or slightly above average precipitation. IAD and DCA were well below normal (Anomalies BWI -0.01, IAD -1.73, and DCA -1.15).

### April 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.
Washington (DCA)	69.4	51.6	60.5	58.2	2.3	89/29	40/4,5	2.06	3.21	-1.15	T/0.0
Baltimore (BWI)	68.0	47.7	57.8	55.0	2.8	92/29*	35/4,22	3.38	3.39	-0.01	T/0.0
Dulles (IAD)	69.7	48.4	59.0	55.0	4.0	91/29*	34/4,7,23	1.74	3.47	-1.73	T/-0.1

\*: Daily record

### Looking Ahead: Normals for May

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
Washington (DCA)	76.5	58.0	67.2	99/31/1991	33/11/1906	3.94	10.69/1953	0.41/1939	0.0/T/2016*
Baltimore (BWI)	75.5	53.3	64.4	98/30/2011*	32/11/1966	3.85	8.71/1989	0.37/1986	0.0/T/2017*
Dulles (IAD)	75.0	53.0	64.0	97/29/1969	28/07/1970	4.72	10.26/2009	0.34/2007	0.0/T/2002*

\* - Latest of more than one occurrence