

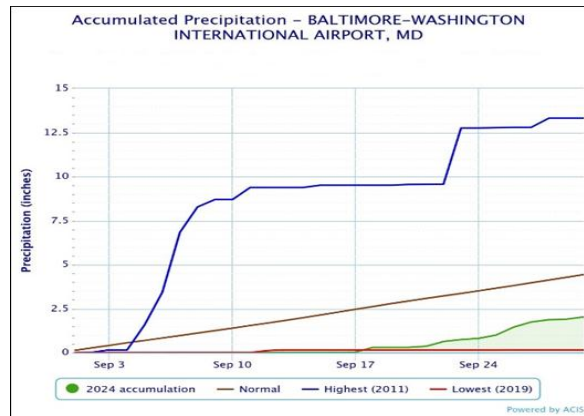
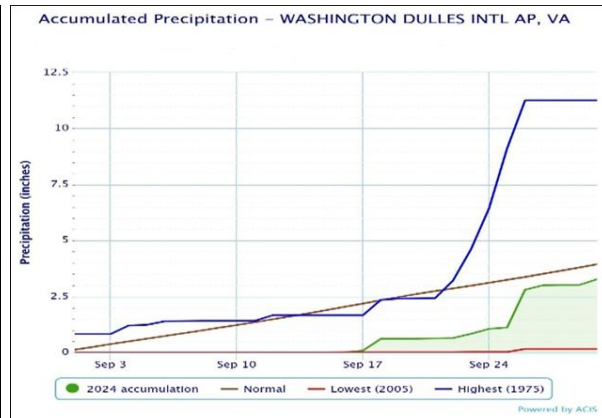
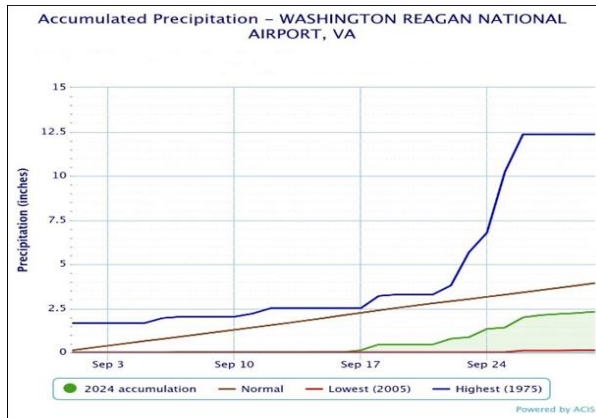


PRESTO



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

SEPTEMBER 2024: Dry First Half, Wet Second Half; Near Normal Temperatures



September 2024 accumulated precipitation for DCA (upper left), IAD (upper right), and BWI (bottom). Dry conditions through the 16th totaled under ~0.40" around IAD and points south/east; despite several rainy, second-half days most location still finished with below normal monthly rain.

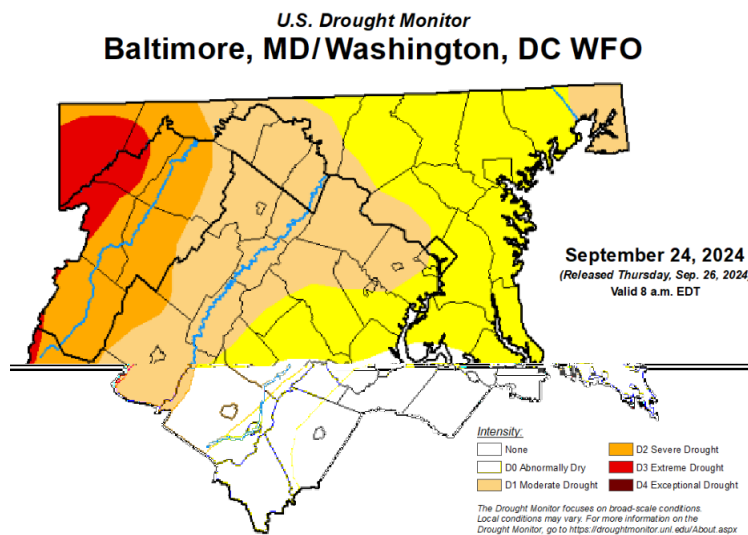
September Highlights

- ☛ **Month (temperature)** – Near normal for the region: DCA +0.1°F, BWI +0.2°F and IAD +0.3°F
- ☛ **Month (precipitation)** – Most areas were overall dry: BWI's -2.41" anomaly lead the way, while DCA followed with -1.62", and IAD was 0.67" below normal
- ☛ **8th and 9th** – Record lows tied at Baltimore (46°F, 8th) and Martinsburg (40°F, 9th)
- ☛ **21st and 22nd** – Large hail in Augusta, VA (1.75" diameter, 21st) and a 61 mph t-storm wind gust north of Westminster (Carroll Co.), MD (22nd)
- ☛ **25th – 30th** – Widespread river and urban flooding across central and western VA, including several road closures, primarily from the remnants of Hurricane Helene; Storm totals of 5-10" were common south and west of Culpepper, VA, with several 11-15" reports in western Albemarle County, VA

September Summary

Temperatures: September was a relatively uneventful month temperature wise and much different than September 2023 when all-time record monthly high temperatures were observed. Early September 2024 was consistently mild with unseasonably cool mornings on the 8th and 9th with record lows tied at Baltimore and Martinsburg, respectively. Readings remained near average for the next 2 weeks before the end of the month saw above normal temperatures. Interestingly, there were no 90°F+ observations at any of the three primary reporting stations. There were also no record highs set this month; a rarity so far in 2024.

Precipitation: The first half of September was very dry with mainly occasional light rains falling across the area. The second half of the month brought more consistent rainfall. Resultant heavy rains were primarily from Hurricane Helene's remnants and were focused on central and western VA. BWI observed 2.41" less rain than normal, while DCA recorded 1.62" below normal. The dry weather brought back [moderate drought conditions or worse](#) to many locations west of Washington (see below image), yet the month ended with ten consecutive days of measurable rain at BWI (21st-30th) and nine at DCA (22nd-30th), alleviating drought conditions. The 9-day streak was an all-time (since 1871) record for Washington in September, while DCA's measurable rain on October 1st and 2nd extended the streak to 11 days - the second longest streak ever recorded for the Washington Area (behind a 15-day streak in April-May 2015).



September Statistics:

Location	Station Temperatures (°F)					Extreme/Day		Precipitation (inches)			
	Av Max	Av Min	Avg T	Nml T	ΔNml	Max	Min	Total	Depart Normal	Yearly Precip	Yearly Departure
National (DCA)	79.7	65.3	72.5	72.4	+0.1	87/10	56/9	2.31	-1.62	31.40	-0.44
Baltimore (BWI)	78.4	60.4	69.4	69.2	+0.2	89/1	46/8,9	2.03	-2.41	31.35	-2.87
Dulles (IAD)	78.1	59.7	68.9	68.6	+0.3	86/1,11,20	43/9	3.27	-0.67	29.05	-4.11

Looking Ahead: Normals for October

Location	Station Temperature (°F)			Extreme/Day		Precipitation (inches)			
	Max	Min	Monthly	Record Max/Date	Record Min/Date	Normal	Precipitation Max/Year	Precipitation Min/Year	Snowfall Max/Year
National (DCA)	69.4	52.2	60.8	98/2/2019	26/31/1917*	3.66	9.41/2005	Trace/1963	2.2/1925
Baltimore (BWI)	68.3	46.5	57.4	98/2/2019	25/24/1969*	3.94	9.23/2005	Trace/1963	2.4/1925
Dulles (IAD)	67.8	45.3	56.6	96/2/2019	15/24/1969	3.65	9.22/2005	Trace/1963	1.3/1979

*Latest of more than one occurrence