

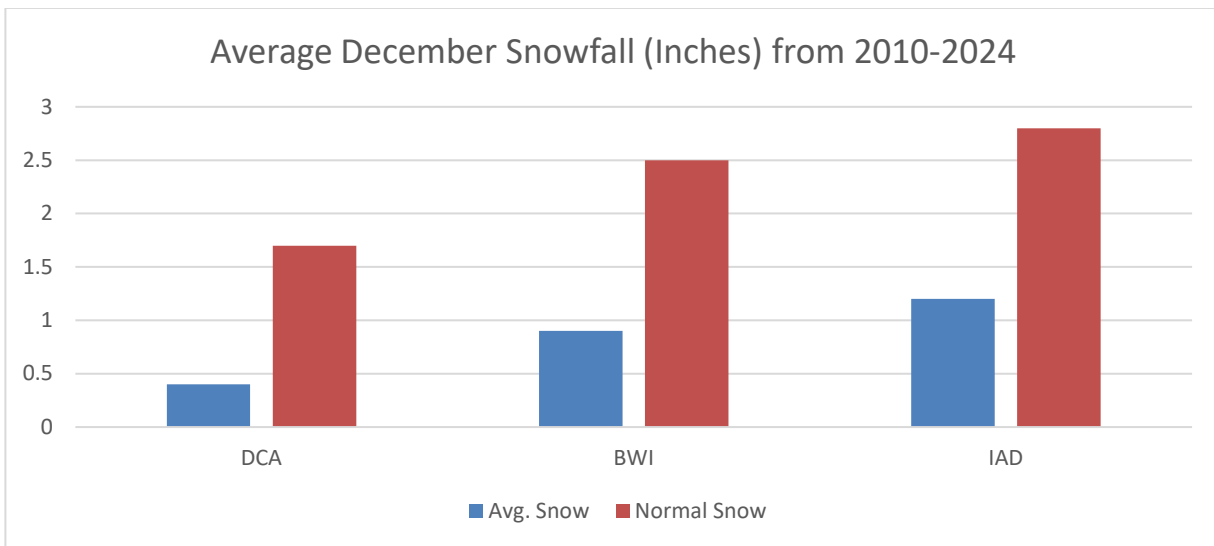


PRESTO



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

DECEMBER 2024: Near Normal Temperatures & Precipitation; Little Snow



December is not typically a snowy month at DCA, BWI or IAD but the last 15 years have observed even less than normal. The last December with well above normal snowfall occurred in 2009.

December Highlights

- ☁ **Month (temperature)** – Temperatures were overall close to normal despite being below normal for about two-thirds of the month; anomalies were +0.2°F at DCA and +0.3°F at IAD, while BWI finished right at normal
- ☁ **Month (precipitation)** – Another relatively dry month occurred across most of the area, yet not nearly as dry as October and November; BWI and DCA were below normal (−0.87” and −0.53”), while IAD finished just above normal (+0.04”).
- ☁ **5th** – Strong gradient wind gusts over much of the area included 68 mph in Sabillasville (Frederick Co.) and 65 mph in Spotswood (Augusta Co.), VA; meanwhile 7.5” of snow fell in Seneca Rocks (Pendleton Co.), WV
- ☁ **11th** – Strong gradient winds again in Sabillasville gusted to 60 mph, while 64 mph was recorded in Wintergreen, VA; Meanwhile IAD set a daily rainfall record with 1.51”
- ☁ **15th** – 1-3” snowfall across central and northern MD and eastern WV
- ☁ **17th** – DCA set a record high of 65°F
- ☁ **31st** – A line of thunderstorms (unusual for the time of the year) pushed across the Metro areas during late afternoon/early evening hours, producing strong winds and hail up to 1” in diameter in Garrisonville (Stafford Co.), VA, with a 49 mph marine wind gust 5 miles southeast of Cape St. Claire, MD

December Summary

Temperatures: Overall, December 2024 can be considered a cold month despite monthly average temperatures being near normal. About two-thirds of the month observed below normal temperatures, however, unusually warm conditions for the last week of the month pushed the monthly average to near normal. The only record for the month was a daily high of 65°F set at DCA on the 17th. The 32°F high temperature on the 23rd at BWI was first at or subfreezing day of season. High temperatures were well into the 60s the last 3 days of the month with lows in the 40s and 50s.

Precipitation: December was near normal or slightly below normal in precipitation. DCA and BWI anomalies of -0.53 inches and -0.87 inches respectively while IAD was just above normal (0.04 inches). The 11th had widespread heavy rainfall with IAD setting a daily precipitation record with 1.51". Moderate Drought (D1) continued across much of the area but conditions improved.

There was very little snowfall for the Metro areas and counties east of the mountains. DCA and IAD managed 0.1" (sleet) on the 24th, as the only measurable "snowfall" (frozen precipitation) for the Metros. The sleet changed to freezing rain, before ending as rain, which resulted in numerous accidents across the DMV. BWI only observed a trace for the month. Areas north and west of the metros had a 1-3" snowfall on the 15th. Mountainous areas had several days with accumulating snowfall during December.

December 2024 Statistics:

Location	Station Temperatures (°F)					Extreme/Day		Precipitation (inches)			
	Av Max	Av Min	Avg T	Nml T	ΔNml	Max	Min	Total	Nml/Dep	Year/Departure	Snow
National (DCA)	49.4	34.4	41.9	41.7	+0.2	69/8	21/23	2.88	3.41/-0.53	37.57/-4.25	0.1
Baltimore (BWI)	47.1	30.1	38.6	38.6	0.0	65/29	16/22	2.84	3.71/-0.87	37.00/-8.00	T
Dulles (IAD)	47.4	28.7	38.0	37.7	+0.3	67/29	14/23	3.34	3.30/+0.04	34.37/-8.87	0.1

Looking Ahead: Normals & Extreme Temperature/Precipitation Values for January

Location	Station Temperature (°F)			Extreme/Day		Precipitation (inches)			
	Nml Mx	Nml Mn	Nml T	Record Max/Date/Yr	Record Min/Date/Yr	Normal	Precipitation Max/Year	Precipitation Min/Year	Monthly Snow Nml / Max/Year
National (DCA)	44.8	30.1	37.5	80/26/2024	-14/1/1881	2.86	7.83/1937	0.31/1955	4.9 / 31.5/1922
Baltimore (BWI)	43.2	25.4	34.3	79/26/1950*	-7/22/1984	3.08	7.84/1979	0.29/1955	6.4 / 32.6/1996
Dulles (IAD)	42.6	25.2	33.9	79/26/2024	-18/22/1984	2.94	6.61/1979	0.40/1981	6.9 / 30.9/1996

*Latest of more than one occurrence