

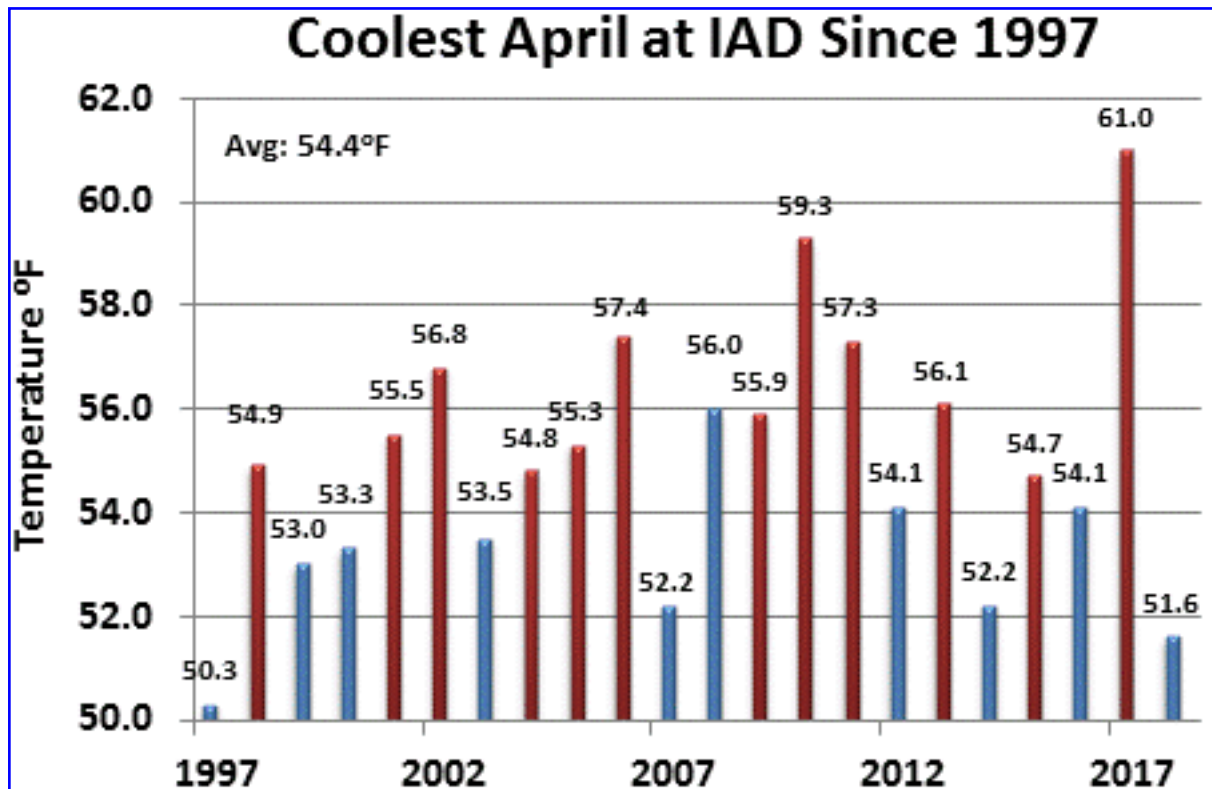


PRESTO

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



APRIL 2018: Chilly with a Major Rainfall Event Mid-Month



April Highlights

- ☛ Subnormal temperatures across the area: -1.9°F at DCA, -1.6°F at BWI and 2.8°F at IAD
- ☛ Coolest April since 1997 at IAD and since 2007 at DCA and BWI
- ☛ First April with subnormal readings since 2007 at DCA
- ☛ IAD had its last freeze on the 30th when it reached 31°F, BWI, on the 21st
- ☛ Precipitation was normal to somewhat above normal: DCA, 3.59" (+0.53"), BWI 3.20" (+0.01") and IAD (3.55" (+0.08"))
- ☛ Significant rainfall event on the 15th-16th with 1" to more than 4" was observed in localized areas: totals in Virginia included 4.50" near Afton, (Nelson County), and 3.24" near Ravensworth (Fairfax County); in Maryland, totals included 3.52" in Potomac (Montgomery County), and 3.36" near Middletown (Frederick County); In Washington, 2.85" was reported at the Dalecarlia Reservoir. Numerous roads were flooded impacting transportation and one person was rescued from a disabled auto in moving water near Chevy Chase (Montgomery County)

April 2018

Temperatures: April readings felt more like March with consistently cooler than normal conditions prevailing for the majority of the month: -1.9°F at DCA, -1.6°F at BWI and -2.8°F at IAD. It was the coolest April since 1997 at IAD (see cover graphic) and since 2007 at DCA and BWI. Additionally, it was the first April with subnormal readings since 2007 at DCA. DCA recorded 10 days when maximum temperatures failed to reach 60°F and 2 days colder than 50°F; BWI recorded 10 days when maximum temperatures failed to reach 60°F and 4 days colder than 50°F and IAD, 12 days when maximum temperatures failed to reach 60°F and 2 days colder than 50°F, including a daily record low maximum of 45°F on the 17th.

Minimum readings were frequently chilly as well. DCA reported 6 days with low temperatures in the 30s; BWI, 15 such days including its last freeze on the 21st, and IAD, 15 such days including 3 of those days with lows in the 20s and its last freeze on the 30th. IAD also set a calendar day record low temperature of 29°F on the 18th.

In sharp contrast, a hint of summer prevailed on the 13th-14th when high temperatures soared into the mid 80s at the three major airports. Daily record high minimum readings were broken on the 13th with 60°F readings at DCA, 63°F at BWI and 58°F at IAD.

Precipitation: Monthly totals were normal to somewhat above normal: DCA, 3.59" (+0.53"), BWI, 3.20" (+0.01") and IAD, 3.55" (+0.08"). Most of the rainfall occurred during three events. The largest amounts occurred from the 15th-16th when 1 inch to more than 4 inches were observed in localized areas. Totals in Virginia included 4.50" near Afton, (Nelson County) and 3.24" near Ravensworth (Fairfax County); in Maryland, totals included 3.52" in Potomac, (Montgomery County), and 3.36" near Middletown, (Frederick County). In Washington, 2.85" was reported at the Dalecarlia Reservoir. Numerous roads were flooded, impacting transportation and one person was rescued from a disabled auto in moving water near Chevy Chase (Montgomery County). In Virginia, damaging thunderstorm gusts knocked down trees in Belmont (Spotsylvania County) and in King George.

On the 24th-25th, well over an inch and close to 2" was measured in some locations including 1.99" in Madison, VA, and 1.49" near Kingsville (Baltimore County), MD. The three major airports reported .75" to about an inch.

The last major rainfall of the month occurred on the 27th with 1.82" near Leonardtown (St. Mary's County) and 1.22" near Mantua (Fairfax County). The heavy rainfall caused several creeks to overflow with one vehicle trapped in floodwaters near Annandale (Fairfax County). Some accumulating snowfall was measured on the 2nd across northern Maryland including 2.5" near Sabillasville (Frederick County) and 1.0" near Manchester (Carroll County).

Strong winds were reported on the 19th with gusts to 52 mph in Gaithersburg and on the 24th gusts to 56 mph Edgemere (Baltimore County) and 54 mph near Lovettsville (Loudoun County), VA.

April 2018 Weather Statistics for the Washington/Baltimore Area

Location	Station Temperatures (°F)					Extreme/Day		Precipitation (inches)				
	AvMx	AvMin	AvgT	NmlT	DepNml	Max	Min	Total	Nml	DepNml	Snow	Yr to Date
National (DCA)	64.7	45.2	54.9	56.8	-1.9	86/13	34/5,8	3.59	3.06	+0.53	T	11.24
Baltimore (BWI)	62.8	41.3	52.1	53.7	-1.6	87/13	31/11	3.20	3.19	+0.01	0.0	11.75
Dulles (IAD)	62.8	40.4	51.6	54.4	-2.8	86/13	29/18,20	3.55	3.47	+0.08	T	11.73

Looking Ahead to May: After a wet April, will May bring more showers? Listed below is the total rainfall at DCA for the most recent 10 Aprils with above normal precipitation and the subsequent May total. Normal April rainfall at DCA is 3.06".

Most Recent 10 Aprils at DCA with Above Normal Rainfall and Subsequent May Rainfall

Year	2018	2014	2015	2009	2008	2007	2006	2005	2004	2002
April	3.59	6.47	3.41	4.22	6.22	3.38	4.86	4.34	5.04	3.45
May	?	4.96	1.92	8.05	9.38	0.34	1.80	4.86	3.06	4.73