

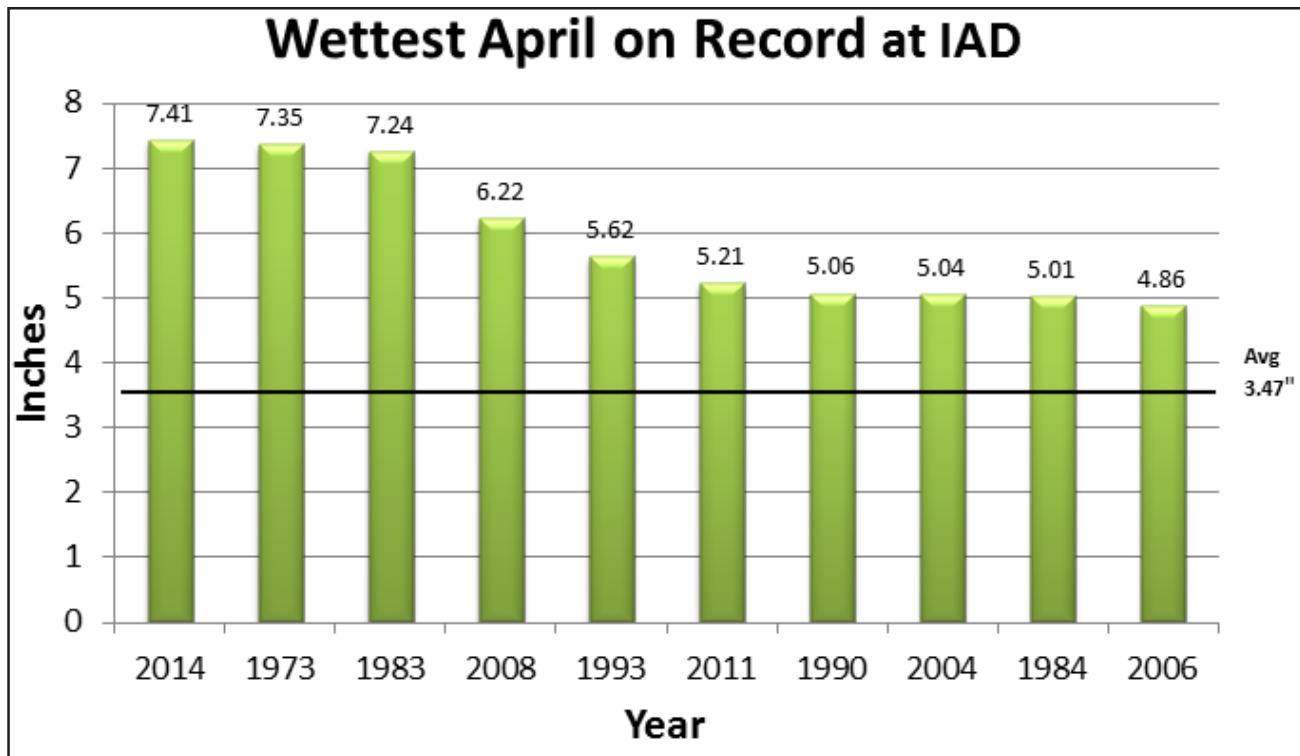


PRESTO

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



April 2014: Torrential Rainfall at Month's End



April Highlights

- ✦ Near normal readings at DCA (+0.5°F) and BWI (-0.7°F); coolest since 2007 at IAD (-2.2°F)
- ✦ June-like warmth occurred on the 13th with the month's warmest readings, 85°F at DCA, and 83°F at BWI and IAD
- ✦ Season's last freeze on 17th at BWI (30°F) and on 18th at IAD (30°F)
- ✦ Wettest April on record at IAD (7.41") and second wettest all-time in Baltimore (8.60")
- ✦ On the 15th, 2"-3" rainfall measured across the area, which changed to wet snow before ending: Maryland rainfall totals included 3.07" in D.C., 2.75" near North Laurel (Howard County), and 2.68" near Takoma Park (Montgomery County); in Virginia, totals included 2.72" near Arlington (Arlington County) and 2.63" near Nokesville (Prince William County)
- ✦ Major storm impacted area on 29th and 30th with record rainfall on month's final day: 4"-8" storm total. The 30th featured torrential downpours, thunderstorms, widespread flash flooding, numerous roads closures and water rescues. The heavy rain caused a landslide in Baltimore when a portion of a city street collapsed on train tracks, which destroyed several cars and weakened a retaining wall when the ground beneath crumbled. Rainfall totals in Maryland included 7.48" in Highland (Howard County), 7.43" near Silver Spring (Montgomery County). In Virginia, totals included 6.58" near Vienna (Fairfax County) and 6.17" in Opal (Fauquier County). In D.C., 4.74" was reported at the Dalecarlia Reservoir. DCA's 2.70" on the 30th was its wettest April day since April 14, 1970. BWI's 3.06" was Baltimore's wettest April day since April 26, 1937, while IAD 3.99" was its wettest April day on record. Storm totals at the airports were 5.48" at IAD, 4.74" at BWI and 4.18" at DCA. The totals included light rain on May 1 when the event ended.

April 2014

Temperatures: April temperatures averaged near normal at DCA (+0.5°F) and BWI (-0.7°F) but cooler than average at IAD (-2.2°F). IAD recorded its coolest April since 2007. The area recorded June-like warmth occurred on the 13th when the airports marked their warmest monthly readings: 85°F at DCA and 83°F at BWI and IAD.

The month featured a number of chilly days. IAD recorded 3 days with maximum readings in the 40s (7th, 16th, 29th). BWI recorded 8 days with highs below 60°F including a chilly 49°F on the 16th; DCA reported 5 such days. BWI observed its last freeze of the season on the 17th (30°F); IAD recorded three consecutive subfreezing minimums from the 16th-18th. IAD's 30°F reading on the 18th was a record minimum for the date and its last freeze of the season. In sharp contrast, the area swung back to unseasonably warm minimum readings on the 14th when DCA and IAD set new records: DCA, 65°F; IAD, 63°F; and BWI equaled its record, 62°F.

Precipitation: The month recorded well above normal to record rainfall due largely to a major spring storm the last 2 days of April. Monthly totals were 6.47" at DCA (+3.41"); 8.60" (+5.41") at BWI; and 7.41" (+3.94") at IAD. It was the second wettest April on record in Baltimore (wettest since 1889) and the wettest ever recorded at IAD.

The major event of the month was a slow moving storm system that brought 4"-8" of rainfall to the region on the 29th and 30th. The 30th featured torrential downpours, thunderstorms, widespread flash flooding, numerous roads closures and water rescues. The heavy rain caused a landslide in Baltimore when a portion of a city street collapsed on train tracks, which destroyed several cars and weakened a retaining wall when the ground beneath crumbled. Rainfall totals in Maryland included 7.48" in Highland (Howard County), 7.43" near Silver Spring (Montgomery County). In Virginia, totals included 6.58" near Vienna (Fairfax County) and 6.17" in Opal (Fauquier County). In D.C., 4.74" was reported at the Dalecarlia Reservoir. DCA's 2.70" on the 30th was its wettest April day since April 14, 1970. BWI's 3.06" was Baltimore's wettest April day since April 26, 1937, while IAD 3.99" was its wettest April day on record. Storm totals at the airports were 5.48" at IAD, 4.74" at BWI and 4.18" at DCA. The totals included light rain on May 1 when the event ended.

A second major storm occurred at mid month. This event included soaking rains, generally 2"-3", which changed to wet snow before ending. Maryland precipitation totals include 3.07" in D.C., 2.75" near North Laurel (Howard County) and 2.68" near Takoma Park (Montgomery County). In Virginia, totals included 2.72" near Arlington (Arlington County) and 2.63" near Nokesville (Prince William County). Maryland snowfall totals included 1.0" near Jacksonville and 0.8" near Long Green in Baltimore County. Strong wind gusts followed the storm including gusts to 51 mph in Gaithersburg, MD (Montgomery County), and 49 mph near Dahlgren, VA.

Isolated severe weather occurred on the 22nd in Maryland. Hail up to 0.88" struck Dundalk (Baltimore County), MD, and damaging thunderstorm winds caused tree damage near Braddock Heights (Frederick County), MD.

April 2014 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	YTD
National (DCA)	67.2	47.5	57.3	56.8	+0.5	85/13	34/16	6.47	3.06	3.41	T	17.33
Baltimore (BWI)	64.1	41.9	53.0	53.0	-0.7	83/13	30/17	8.60	3.19	5.41	T	20.27
Dulles (IAD)	64.0	40.3	52.2	50.0	-2.2	83/13	28/17	7.41	3.47	3.94	T	18.01

Looking Ahead to May: Another May with above normal temperatures? The last four Mays have featured above normal temperatures in Washington. Will 2013 extend the streak? Listed below are the 10 most recent May departures from normal for average temperatures at DCA.

Last 10 May Departures from Normal for Average Monthly Temperature at DCA										
Year	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005
Average Monthly Temperature Departure	?	+0.7°F	+5.4°F	+1.4°F	+3.7°F	-0.1°F	-0.9°F	+2.2°F	-0.5°F	-3.7°F