

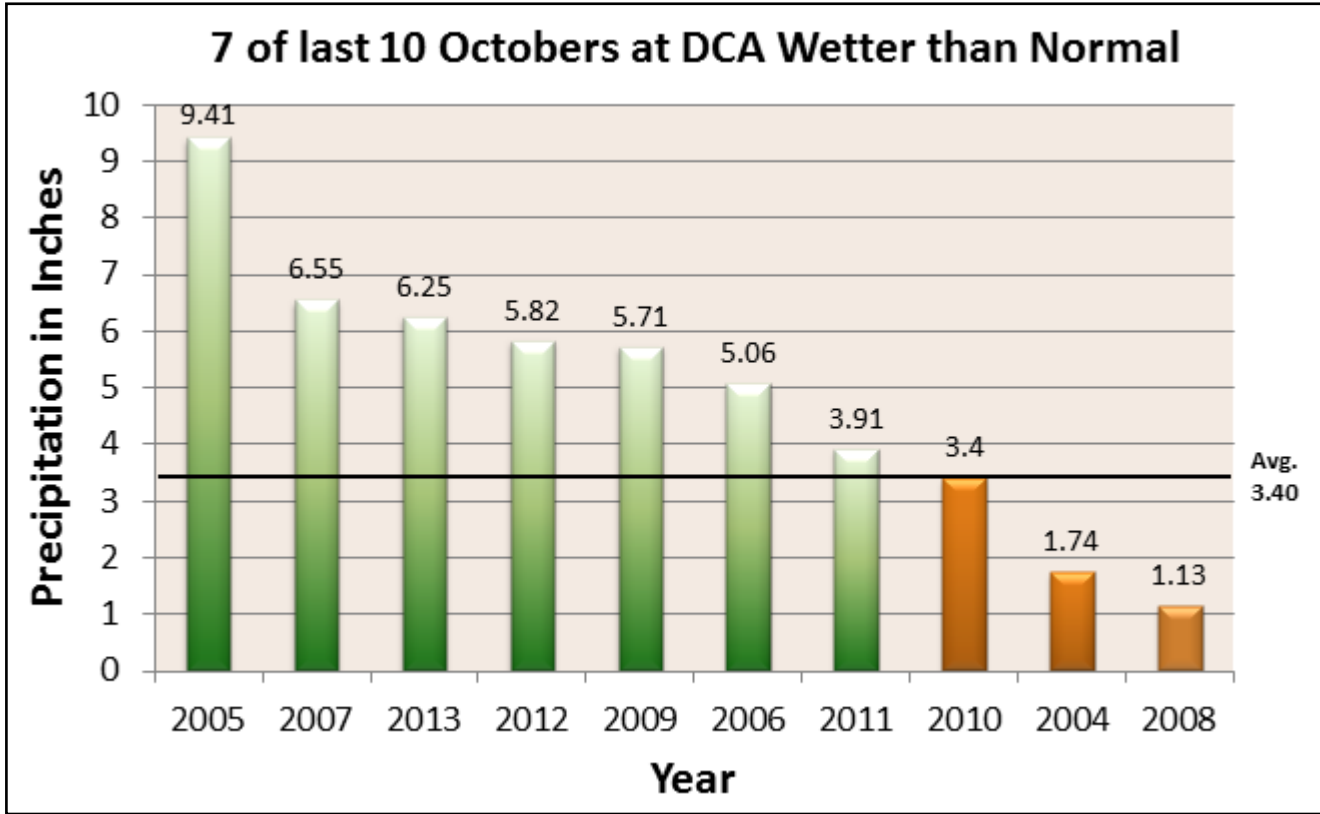


PRESTO

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



OCTOBER 2013: Above Normal Temperatures; Two Major Rain Events



October Highlights

- ☀ Above normal readings at all three major airports: +2.9°F at DCA, +2.7°F at BWI and +2.4°F at IAD
- ☀ Summerlike warmth with highs over 80°F during the first 6 days throughout the area. Highs reached 90°F or greater on 2 days at DCA and IAD and on 1 day at BWI
- ☀ Many locations recorded their first freeze of the season on the 25th or 26th. IAD's minimum reading was 29°F on the 25th and 26th; BWI's minimum was 30°F on the 26th
- ☀ Well above rainfall across the area with the three major airports recording between 6"-8": DCA, 6.25" (+2.85"); BWI, 7.62" (+4.29"); IAD, 7.51" (+4.26")
- ☀ Heavy downpours and gusty winds on the 7th. Rainfall totals in Virginia included 2.13" in Stanardsville (Greene County), and 1.88" in Sterling (Loudoun County), VA; in Maryland, highest totals were 2.03" in Germantown (Montgomery County) and 2.02" in Mt. Airy (Carroll County); both DCA and IAD measured 1.13"
- ☀ A Long duration (9th-13th) slow moving storm system brought 4"-6" amounts to most of the area over the 5 days. Greatest totals in Maryland included 7.60" in Thurmont (Frederick County), 6.66" in Ellicott City (Howard County) and 6.36" in Millers (Carroll County). Highest totals in Virginia included 7.15" at the NWS Forecast Office in Sterling (Loudoun County), 6.68" in Herdon and 6.22" in Oakton (Fairfax County); Washington, D.C. measured 5.10". Daily rainfall records were established on the 11th at all three major airports: 3.66" at BWI, 3.38" at IAD and 2.76" at DCA. The soaking rainfall resulted in numerous flooded roads with several water rescues throughout the region.

October 2013

Temperatures: All three major airports recorded above normal readings: +2.9°F at DCA, +2.7°F at BWI and +2.4°F at IAD. The month started with summerlike warmth; maximum readings were above 80°F during the first 6 days throughout the area. Highs reached 90°F or greater on 2 days at DCA and IAD and in 1 day at BWI. IAD high of 89°F the 4th and 6th broke its record; on the 5th, IAD equaled its record high of 90°F.

Maximum readings were more autumnal the remainder of the month and included a period from the 23rd-26th with well below normal highs; BWI and IAD only reached the 50s; DCA only reached the 50s from 24th-26th. Many locations recorded their first freeze of the season, ending the growing season on the 25th and or 26th; IAD's minimum reading was 29°F on both days while BWI minimum was 30°F on the 26th.

Precipitation: Two major rainfall events resulted in well above normal monthly totals across the area with the three major airports recording between 6"-8": DCA's total was 6.25" (+2.85"), BWI total was 7.62" (+4.29") and IAD measured was 7.51" (+4.26").

The first storm system resulted in heavy downpours and gusty winds on the 7th as a frontal system brought an end to the unseasonably warm period. Rainfall totals in Virginia included 2.13" in Stanardsville (Greene County), and 1.88" in Sterling (Loudoun County). In Maryland, highest totals include 2.03" in Germantown (Montgomery County) and 2.02" in Mt. Airy (Carroll County). Both DCA and IAD measured 1.13". Isolated thunderstorm wind damage with downed trees were reported near Belmont (Spotsylvania County) and near Newcomb Hall (Albemarle County), VA.

The second and greatest rainfall event was one of long duration (9th-13th) as a slow moving storm system brought copious rainfall to the area. The heaviest rainfall occurred on the 10th-11th when many locations reported more than 2 inches each day and widespread 4"-6" amounts for the 5-day total. Greatest totals in Maryland included 7.60" in Thurmont (Frederick County), 6.66" in Ellicott City (Howard County) and 6.36" in Millers (Carroll County). Highest totals in Virginia included 7.15" at the NWS Forecast Office in Sterling (Loudoun County), 6.68" in Herdon and 6.22" in Oakton (Fairfax County). Washington, DC measured 5.10". Daily rainfall records were set on the 11th at all three major airports: 3.66" at BWI, 3.38" at IAD and 2.76" at DCA. The soaking rainfall resulted in numerous flooded roads with several water rescues throughout the region. The remainder of the month was void of any significant storms with less than .25" inches reported at all three major airports.

October 2013 Weather Statistics for the Washington/Baltimore Area

Location	Station Temperatures (°F)					Extreme/Day		Precipitation (inches)			
	AvMx	AvMin	AvgT	NmIT	DepNml	Max	Min	Total	Nml	DepNml	YTD
National (DCA)	70.5	54.3	62.4	59.5	+2.9	91/6	35/26	6.25	3.40	+2.85	35.79
Baltimore (BWI)	68.6	48.9	58.8	56.1	+2.7	90/5	30/26	7.62	3.33	+4.29	34.84
Dulles (IAD)	68.9	48.0	58.4	56.0	+2.4	90/4,5	29/25,26	7.51	3.25	+4.26	36.97

Looking Ahead to November: The first inch or greater snowfall at DCA during the 2012-13 snow season occurred on March 25, latest date on record. Listed below are the date in the last 10 years when the first inch of snow was measured at DCA.

First Inch of Snow at DCA for Last 10 years			
2012-2013	March 25	2007-2008	December 5
2011-2012	<i>Did Not Occur</i>	2006-2007	January 21
2010-2011	December 16	2005-2006	December 5
2009-2010	December 18	2004-2005	January 19
2008-2009	January 27	2003-2004	December 4