

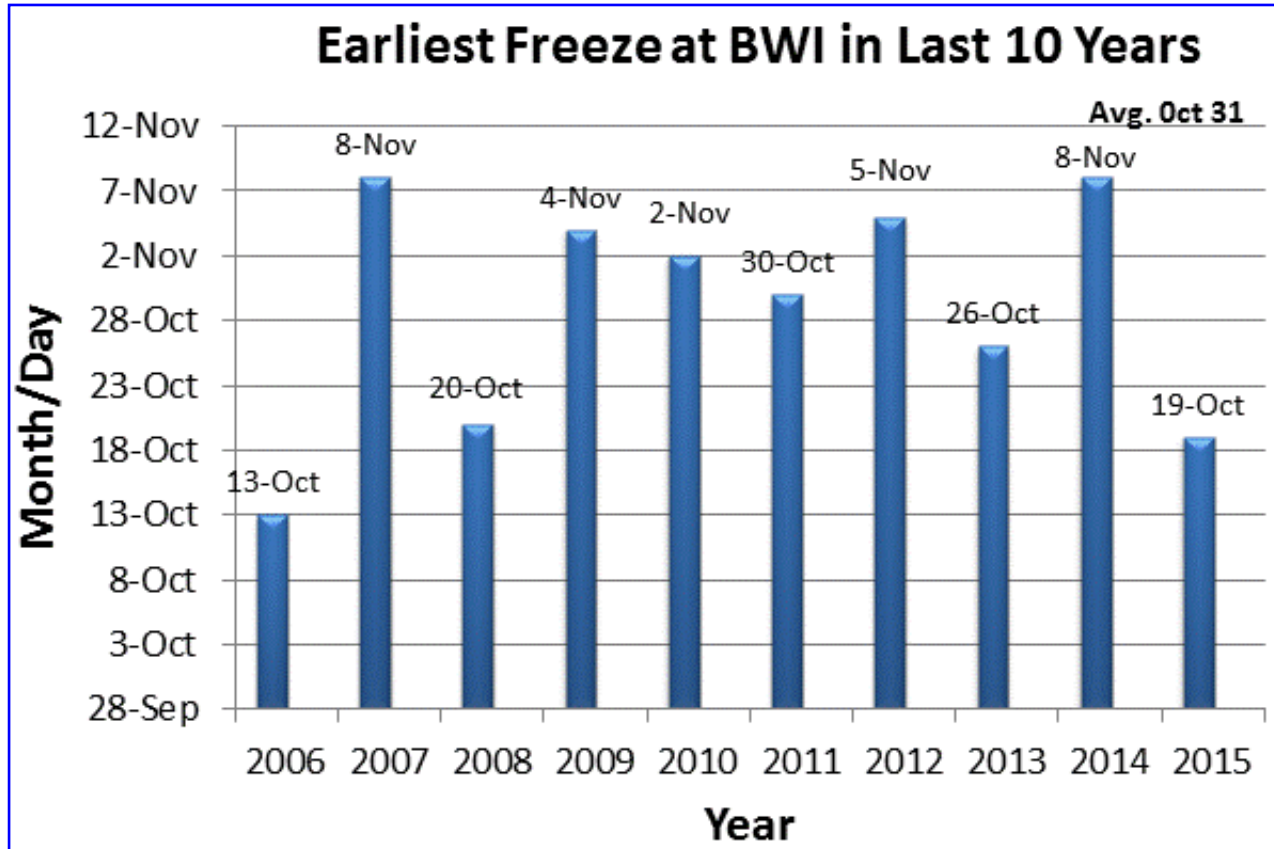


PRESTO

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



OCTOBER: First Freeze of Season Across Most of Area; Two Significant Storm Systems



October Highlights

- ☛ Slightly below normal temperatures: DCA, -0.6°F; BWI and IAD, -0.8°F
- ☛ No days at DCA and BWI greater than or equal to 80°F, first such occurrence in October since 2004 at DCA and since 2005 at BWI
- ☛ The growing season ended at most locations on the 18th when IAD observed 31°F, or on the 19th, when BWI dropped to 29°F, a record for the date and the coldest October reading since October 24, 2003
- ☛ DCA recorded slightly below normal rainfall: 3.04" (-0.36"); BWI and IAD observed slightly above normal: BWI, 3.40" (+0.07") and IAD, 3.95" (+0.70")
- ☛ Heavy rainfall and coastal flooding occurred during a slow moving coastal storm from the 1st into the 4th, with several roads flooded across Southern Maryland, including Chaptico in St. Mary's County and Solomons in Calvert County; total rainfall across the metro area generally between 1.5"-2.0"
- ☛ On the 28th, a soaking rainfall drenched portions of northern Maryland and Virginia with totals reaching 3.65" near Westminster (Carroll County) and 3.20" in Damascus (Montgomery County); in Virginia, totals included 3.09" near Haymarket (Prince William County) and 3.00" near Leesburg (Loudoun County); IAD reported a daily record of 1.97"

October 2015

Temperatures: October averaged slightly below normal with negative departures of -0.6°F at DCA, and -0.8°F at BWI and IAD. There were no days over 80°F at DCA and BWI, the first such occurrence in October since 2004 at DCA and since 2005 at BWI. IAD's maximum for the month was 82°F on the 9th. The month featured a number of chilly days. DCA reported 6 days with maximum readings only in the 50s, IAD, 9 days, and BWI, 10 such days.

The growing season ended at most locations on either the 18th (IAD only recorded 31°F) or on the 19th when BWI dropped to 29°F, a record for the date and the coldest October reading since October 24, 2003, when the temperature also dropped to 29°F. IAD minimum reading of 27°F on the 19th was its coldest October temperature since October 9, 2001, when the mercury dropped to 26°F. DCA's minimum temperatures remained above freezing throughout the month, its lowest reading was 37°F on the 19th.

Precipitation: Monthly rainfall totals were close to normal. Slightly below normal amounts were measured at DCA, 3.04" (-0.36"); while slightly above normal amounts were reported at BWI, 3.40" (+0.07") and at IAD, 3.95" (+0.70"). It was the driest October in Washington since 2008 when 3.22" was observed.

Following a long dry spell, heavy rainfall occurred in late September and continued in October, when a slow moving coastal storm brought additional intense rain during the first 4 days, resulting in coastal flooding from gusty northeasterly winds. Several roads were flooded across Southern Maryland, including Chaptico in St. Mary's County and Solomons in Calvert County. Total rainfall across the metro area was generally between 1.5"-2.0". The heaviest rainfall on the 1st-2nd was 1.88" near Bowie (Prince Georges County), MD. From the 2nd into the 3rd, the greatest amount was 2.55" near Afton (Albemarle County), VA, and from the 3rd into the 4th, the greatest amount was 1.90" at Stuarts Draft (Augusta County), VA.

The weather then continued dry until the evening of the 9th when thundershowers dumped 1.03" in Bowie. The month continued dry again with no significant precipitation until the 28th when a soaking rain impacted the area. The heaviest rainfall occurred across portions of northern Maryland and Northern Virginia, with totals in the 3"-4" range. Greatest amounts in Maryland included 3.65" near Westminster (Carroll County) and 3.20" in Damascus (Montgomery County), while in Virginia totals included 3.09" near Haymarket (Prince William County) and 3.00" near Leesburg (Loudoun County); IAD reported a daily record of 1.97". In the evening, strong thunderstorms knocked down a tree near Freeland (Baltimore County) and large branches near Upperco (Carroll County), MD.

October 2015 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	Yr. to Date
National (DCA)	67.4	50.3	58.9	59.5	-0.6	79/9	37/19	3.04	3.40	-0.36	38.08
Baltimore (BWI)	66.3	44.3	55.3	56.1	-0.8	79/9	29/19	3.40	3.47	+0.07	42.89
Dulles (IAD)	66.6	43.7	55.2	56.0	-0.8	82/9	27/19	3.95	3.25	+0.70	33.56

Looking Ahead to November: The first inch or greater snowfall at DCA during the 2014-15 snow season occurred on January 6 (2.4"). 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			
2014-2015	January 6	2009-2010	December 18
2013-2014	January 2	2008-2009	January 27
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