

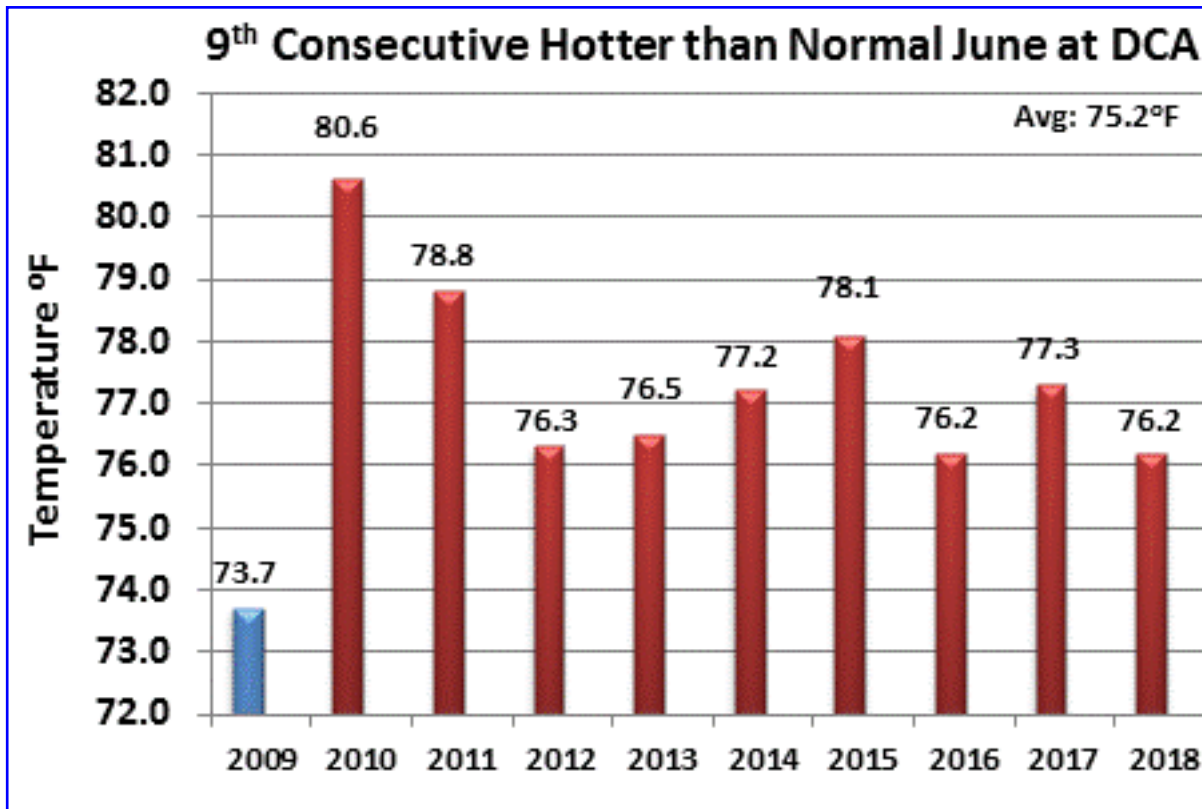


PRESTO

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



JUNE 2018: Near Normal Temperatures; More Significant Flooding Events



June Highlights

- ☛ Slightly above normal temperatures: +1.0°F at DCA and +0.2°F at BWI and IAD
- ☛ DCA recorded 6 days with highs at or above 90°F; BWI, 5 such days and IAD, 4 days
- ☛ Ninth consecutive June with above normal temperatures at DCA and BWI; fourth consecutive June at IAD
- ☛ Torrential rainfall first 3 days: On the 3rd, soaking rain dumped 3" to more than 5" of rainfall, resulting in flooded roads and overflowing creeks, streams and rivers already high from heavy May rainfall events. Highest rainfall amounts in Maryland included 5.39" near Eldersburg (Carroll County), 5.29" near Henryton (Howard County), and 5.29" near Linden (Warren County). Closer in suburbs totals included 4.82" in Greenbelt (Prince Georges County), MD, 3.30" near Lincolnia (Fairfax County), VA, and 2.75" at the National Arboretum in Washington. On the 1st, totals included 3.24" near Alonzaville (Shenandoah County), VA, and 2.49" in Frederick, MD, where some roads were flooded.
- ☛ On the 21st, Shenandoah area of Virginia was pounded by torrential downpours with 6.14" measured in Madison and 4.24" near Culpeper. Most of the county roads flooded across Madison County and officials were forced to close eight roads across Greene County.

June 2018

Temperatures: Slightly above normal temperatures were reported at the three major airports: DCA, +1.0°F; at DCA, BWI and IAD, +0.2°F. DCA recorded 6 days with highs at or above 90°F including a monthly maximum of 95°F on the 19th; BWI marked 5 such days including a monthly maximum of 96°F on the 30th and IAD, 4 such days including a monthly maximum that equaled a calendar day record of 94°F on the 18th.

In sharp contrast, maximum readings held in the 60s on the 11th, including a daily record low maximum reading of 65°F at IAD. The heat island at DCA was pronounced in relation to minimum temperatures. Minimum readings were at 70°F or greater on 15 days, including a record high minimum of 77°F on the 19th, while BWI and IAD recorded only two such occurrences. IAD did equal a calendar day record for a record high minimum temperature at 71°F on the 19th. It was the ninth consecutive June with above normal temperatures at DCA and BWI (cover graphic); 4th consecutive June at IAD.

Precipitation: For the third consecutive month, precipitation was above normal at DCA, BWI and IAD: DCA, 5.21" (+1.43"), BWI, 4.77" (+1.31") and IAD, 4.17" (+0.19"). Across much of the region, the majority of the rainfall occurred the first 3 days and was especially prevalent on the 3rd when an all-day soaking rain dumped 3" to more than 5" of rainfall, resulting in flooded roads along with overflowing creeks, streams and rivers already high from antecedent wet conditions. Highest rainfall amounts in Maryland included 5.39" near Eldersburg (Carroll County), 5.29" near Henryton (Howard County), and 5.29" near Linden (Warren County). Closer in suburbs totals included 4.82" in Greenbelt (Prince Georges County), MD, 3.30" near Lincolnia (Fairfax County), VA, and 2.75" at the National Arboretum in DC. More isolated but heavy rainfall on the 1st (which also flooded some roads) included 3.24" near Alonzaville (Shenandoah County), VA, and 2.49" in Frederick, MD.

Another prolific rainmaker occurred in the Shenandoah area of Virginia on the 21st where 6.14" fell in Madison and 4.24" near Culpeper. The torrential downpours flooded most of the county roads across Madison County and forced officials to close eight roads across Greene County.

While less extreme, on the 10th heavy rainfall north and west of the metro areas included 2.89" at Shenandoah Valley Airport (Augusta County), VA, and 2.74" in Lisbon (Howard County), MD. On the 18th, damaging thunderstorm winds in Maryland took down multiple trees and wires with one tree landing on a house in Sykesville, (Carroll County). Winds also blew down multiple trees and blocked roads near Pikesville (Baltimore County). The following day, strong thunderstorm winds caused a large tree to fall and blocked roads near Anacostia and the National Zoo in DC. Rainfall amounts included 1.51" near Fredericksburg, (Spotsylvania County) VA, 1.43" near Oxon Hill (Prince George's County), MD and 1.12" at DCA.

June 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	Yr to Date
National (DCA)	84.5	67.8	76.2	75.2	+1.0	95/19	56/4	5.21	3.78	+1.43	25.18
Baltimore (BWI)	82.5	62.9	72.6	72.4	+0.2	96/30	50/12	4.77	3.46	+1.31	24.69
Dulles (IAD)	82.5	62.8	72.6	72.4	+0.2	94/18	52/5,12	4.17	3.98	+0.19	24.82

Looking Ahead to July: With June behind us, what does mid-summer hold? Below are some noteworthy July statistics for DCA: Normal Average Temperature: 79.8°F; Normal Monthly Precipitation: 3.73".

DCA Temperature

Hottest: 2012 (High Temperature: 104°F)
Coolest: 1897 (Minimum Temperature: 43.0°F)
Most 90°F+ days: 25 (2011)
Fewest 90°F+ days: 0 (1891)
Most 100°F+ days: 7 (2012)
Longest consecutive period of 90°F days: 16 (July 3-18, 1993)
Longest consecutive period of 100°F+ days: 4 (July 19-22, 1930, July 5-8, 2012)
Record monthly high: 106°F (July 20, 1930, tied with August 6, 1918)
Record monthly low: 52°F (July 4, 1919 and July 31, 1895)

DCA Precipitation

Wettest: 1945 (Precipitation Total: 11.06")
Driest: 1872 (Precipitation Total: 0.82")
Record daily rainfall: 4.69" (July 9, 1970)