

June 2009

Temperatures: The first month of climatological summer featured near normal temperatures. Readings were slightly below normal at DCA (-0.8°F) and BWI (-0.4°F) and above normal at IAD (+2.2°F). June marked the 3rd month in 2009 with subnormal readings in Washington. The month's coolest conditions occurred on the 4th, 5th and 17th when highs held in the 60s across the area. In sharp contrast to June 2008, there were no heat waves. The region recorded its hottest temperatures on the 2nd and 26th when highs reached the low 90s in many areas, including 91°F at DCA and IAD, equaling a record high on the 2nd. BWI's monthly maximum of 89°F was its coolest June reading since 1979. The two 90°F or greater temperatures at DCA and IAD were the fewest since 1992 at DCA and since 2004 at IAD. Minimum readings were also comfortably cool. DCA reported only five minimums at or above 70°F (highest 72°F on the 20th and 26th), IAD two minimums at or above 70°F and BWI observed zero, its first such June occurrence since 2003. The month's coolest temperatures occurred on the 1st with lows into the 40s across suburban locations, including 46°F at BWI.

Precipitation: The excessively wet pattern that started in April continued through June with the three major airports observing above normal rainfall for the 3rd consecutive month and the 2nd consecutive year. It was the 2nd wettest April-June at both IAD (see graphic) and at Baltimore (19.74"), second only to April-June 1889. June totals included 5.86" (+2.73") at DCA, 5.52" (+2.09") at BWI and 6.69" (+2.62") at IAD.

Severe weather reports were numerous in June. On the 2nd, thunderstorm wind damage and hail impacted portions of Northern Virginia, the Shenandoah and Southern Maryland; Lahore, VA, (Orange County) reported ping pong ball size hail (1.5"). Fredericksburg, VA (Spotsylvania County) recorded 2.85" of rain from this event; a 62 mph wind gust was reported at Point Lookout, MD (St. Mary's County). The following day an EF-1 tornado struck Stanley, VA, (Page County) with peak winds of 90-100 mph. Path length was 1.66 miles and path width 100 yards, resulting in tree and property damage.

Lightning caused one fatality and one serious injury on a baseball field in Fredericksburg, VA, on the 3rd. Heavy rainfall in many areas on the 5th caused 3-day totals (3rd-5th) to exceed normal *monthly* totals in some locations. At the National Arboretum in Washington, the 3-day total was 5.14", Massaponax, VA (Spotsylvania County) recorded 5.12" and IAD, 4.03".

On June 9, an EF-0 tornado hit Dundalk, MD, (Baltimore County) with peak winds of 70 mph, a path length of 1 mile and path width of 150 yards, resulting in property and tree damage. Hail to 1.75" pelted Chrome Hill, (Harford County) and winds gusted to 65 mph in Crownsville (Anne Arundel County, MD).

On the 20th, two tornadoes and a waterspout were reported in Maryland. In Essex, (Baltimore County) an EF-1 tornado with peak winds of 90 mph uprooted two trees onto homes. The path length was 5 miles and width 150 yards. Pleasant Hills (Harford County) observed an EF-0 tornado with peak winds of 75 mph. Path length was 3 miles and width 100 yards. Damage included a tree landing on a delivery truck. The storm later developed a waterspout as it moved over the Chesapeake Bay.

The month's final significant severe weather event occurred on the 26th. Two fatalities and six injuries occurred when a large tree fell onto a van in Chevy Chase, MD. Nearby, winds gusted to 60 mph in Bethesda (Montgomery County). In Northern Virginia, baseball size hail (2.75") was observed in Holly Corner (Stafford County) and 1" hail near American University in Washington, D.C.

January-June precipitation totals included 23.13" at DCA (+3.97"); 24.80" at BWI (+4.06") and IAD 26.46" (+5.58").

JUNE 2009 WEATHER STATISTICS FOR THE WASHINGTON/BALTIMORE AREA

Location	Station Temperatures (°F)					Extreme/Day		Precipitation (Inches)			
	AvMx	AvMn	AvgT	NmIT	DepNml	Max	MinT	Total	Norm	DepNml	Yr. to Date
National (DCA)	81.5	65.8	73.7	74.5	-0.8	91/25	55/1	5.86	3.13	+2.73	23.13
Baltimore (BWI)	80.6	62.2	71.4	71.8	-0.4	89/25,26	46/1	5.52	3.43	+2.09	24.80
Dulles (IAD)	82.6	63.6	73.1	70.9	+2.2	91/2,26	48/1	6.69	4.07	+2.62	26.46

Looking Ahead to July: With a mild June behind us, what does mid-summer hold? Below are some noteworthy July statistics for Washington at DCA: Normal Average Temperature: 79.2°F; Normal Monthly Precipitation: 3.66".

DCA Temperature

Hottest: 1993 (Average Temperature: 83.1°F)

Coolest: 1891 (Average Temperature: 72.0°F)

Most 90°F+ days: 24 (1987 and 1993)

Fewest 90°F+ days: 0 (1891)

Most 100°F+ days: 6 (1930)

Longest consecutive period of 90°F days: 16 (July 3-18, 1993)

Longest consecutive period of 100°F+ days: 4 (July 19-22, 1930)

Record monthly high: 106°F (July 20, 1930)*

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)

* All-time highest reading in Washington (tied with August 6, 1918)