

JUNE 2007

Temperature: Above normal temperatures were recorded across the Washington and Baltimore area during the first month of meteorological summer, with positive departures of +1.6°F at DCA, +1.9°F at BWI and +3.5°F at IAD. In Washington, June marked the 2nd consecutive month, 4th in 2007 and 12th in the past 16 months, where DCA recorded above normal readings. Summer-like warmth prevailed throughout most of the month; DCA and BWI observed 7 days with highs or above above 90°F while IAD noted 8 such days. Most areas endured the month's hottest temperatures on the 8th and 27th, including the first reading of the season at or above 95°F; highs reached 97°F at IAD and 95°F at BWI on the 8th. The metro area recorded highs at or above 90°F from the 25th-27th, including highs of 97°F at BWI and IAD and 96°F at DCA on the 27th.

The months' coolest day was the 14th, when cloudiness and left over moisture held highs in the 60's. Minimum readings were warm, especially toward months end when DCA recorded 11 days with lows at or above 70°F, including the final 6 days of the month.

Precipitation: Most of the area observed subnormal rainfall, including the three major airports. Monthly precipitation totals were 1.38" at DCA, 2.20" at BWI and 2.92" at IAD. The monthly departure at DCA was -1.75", as Washington recorded its driest June since 1991. Six month cumulative precipitation deficits increased to 3.99" at DCA and 6.66" at IAD. Most of the area recorded the majority of its monthly rainfall in the first half of the month. DCA recorded only .08" from the 15th-30th. On the 3rd, the region benefited from a soaking rain when the remnants from Tropical Storm Barry brought more than an inch of precipitation to many locations, along with gusty winds. Rainfall totals included 1.70" in Haymarket, VA, (Prince William County) and 1.47" at Davidsonville, MD (Anne Arundel County).

Strong to severe thunderstorms lashed the area on numerous days including the 8th, 12th, 13th, 21st and 27th. Wind damage was prevalent in portions of the area on the 8th and then on the 12th when storms tracked in an unusual pattern from northeast to southwest across the area. Hail up to 2" in diameter struck Clinton, MD (Prince Georges County). The following day brought numerous reports of large hail and damaging winds. One inch hail was observed in Herndon, VA (Fairfax County) and in Greenbelt, MD (Prince Georges County). IAD measured wind gusts to 61 mph, while portions of Montgomery County, MD, were deluged with up to 2.5" of rain. Then on the 21st, additional wind damage was reported across portions of the metro area as BWI measured a peak gust of 60 mph.

The months' final strong storms occurred in portions of Prince Georges County on the 27th when lightning fatally stuck a girl waiting for a bus, according to press reports. The same storm system produced penny size hail in Fairfax County about an hour earlier. Localized severe weather occurred on additional days including a report of 1" hail near Charlotte Hall in Charles County, MD on the 11th.

JUNE 2007 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)	85.0	67.2	76.1	74.5	1.6	96/27	59/15,23	1.38	3.13	-1.75	15.17
Baltimore (BWI)	84.3	63.2	73.7	71.8	1.9	97/27	50/23	2.20	3.43	-1.23	16.83
Dulles (IAD)	85.5	63.3	74.4	70.9	3.5	97/8,27	53/23	2.92	4.07	-1.15	14.25

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

Temperature

Hottest: 1993 (Avg. Temp: 83.1°F)

Coolest: 1891 (Avg. Temp: 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 & July 31, 1895)

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 Aug. 6, 1918)