

**JUNE 1990:** As the front page indicated, the highlight of this month was the dramatic departures between copious rainfall totals of over 10 inches in portions of Calvert County, MD to less than 2 inches in parts of Montgomery County, MD and Fairfax and Prince William Counties, VA. Unlike the past several months, convective storms, more typical of the summer season, brought brief but intense (and in many cases beneficial) rains to the immediate Washington–Baltimore area. For example, two thunderstorms that hit National Airport on June 9 dumped 2.19" of rain, the most rain ever on that particular day and 70% of the monthly total. All the airports measured less than their normal June precipitation with the largest deficit of –2.46" occurring at Dulles, which missed all of the intense thunderstorms.

The combination of a coastal storm and the remnants of the Shadyside, Ohio thunderstorm complex drifted over the Washington area in the early morning hours of June 15, resulting in tremendous rainfall amounts of 4 to 6 inches across Calvert County, MD. One cooperative observer in Calvert County (WG) has already reported 32.5" this year (through June 30), which is on a pace to break last year's total of 61". In addition to Calvert County, amounts from this storm in the immediate Washington/Baltimore area ranged from an inch at BWI to zero in the far western suburbs (e.g. IAD). The wet weekend trend (see May PRESTO) continued in June with at least a trace or more of rain occurring on 4 of the 5 possible weekends (including Saturday, June 30 as a weekend) at DCA. Including the June 30–July 1 weekend, the past 20 of 22 weekends have now recorded some precipitation at National. The dry weekend of June 16 and 17, however, ended the consecutive number of wet weekends at 16 (last previous dry weekend was Feb. 17–18).

June temperatures averaged at or slightly above normal for all five airports. As a result, only one month (May) has been cooler than normal this year (see Looking Ahead – July). Despite the slightly warmer than usual conditions, only 2 days in the nineties were observed at DCA and DAA (only 1 at BWI and ADW) during the first 26 days of June. However, a brief heat wave during the last 4 days of the month pushed highs into the nineties at most locations and helped to nudge the monthly average temperature slightly above normal. In addition, since there were no long-term cold air intrusions, nighttime temperatures were generally near normal.

**JUNE 1990 WEATHER STATISTICS FOR THE WASHINGTON/BALTIMORE AREA:**

Station Location	Temperatures (°F)					Extreme/Day		Precipitation (In)		
	AvMx	AvMn	AvgT	NmlT	DepNm	MaxT	MinT	Total	Norm	DepNm
National (DCA)	84.8	65.1	75.0	74.5	+0.5	97/29	50/5	3.14	3.35	–0.21
Baltimore (BWI)	84.4	61.8	73.1	72.2	+0.9	96/29	49/5	2.55	3.76	–1.21
Dulles (IAD)	84.9	58.4	71.6	70.7	+0.9	94/29	45/5	1.77	4.23	–2.46
Ft. Belvoir (DAA)	84.4	59.8	72.1	72	0	94/29*	48/1	2.00	3.70	–1.70
Andrews AFB (ADW)	82.7	62.7	72.7	72	+1	91/9#	48/5	3.06	3.70	–0.60

Other dates of occurrence: \* June 30, # June 29

**A LOOK AHEAD TO JULY:**

So far in 1990, temperatures have averaged above normal for all but one month (May) at National Airport. Looking back, which years have recorded the FEWEST months with BELOW NORMAL monthly average temperatures (based upon 1951–1980 monthly normals)?

Year	# of months with subnormal temperatures
1990 .....	1 (thru June)
1980 .....	2
1983 .....	3
1975 .....	3
1973 .....	3 (Note: 11 straight months above normal 6/73–4/74)
1957 .....	3
1949 .....	3

However, 11 YEARS have recorded subnormal temperatures FOR ALL 12 months (based upon 1951–1980 normals), but these weather observations were taken at a different Washington location. The years included: 1875, 1885, 1886, 1888, 1893, 1899, 1904, 1905, 1917, 1924, & 1926. During this period:

- 1884–1887 had 27 successive subnormal months
- 1903–1905 had 33 successive subnormal months