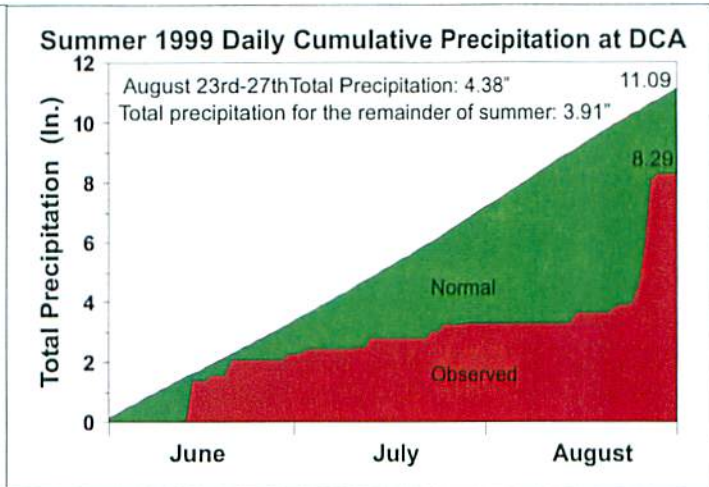
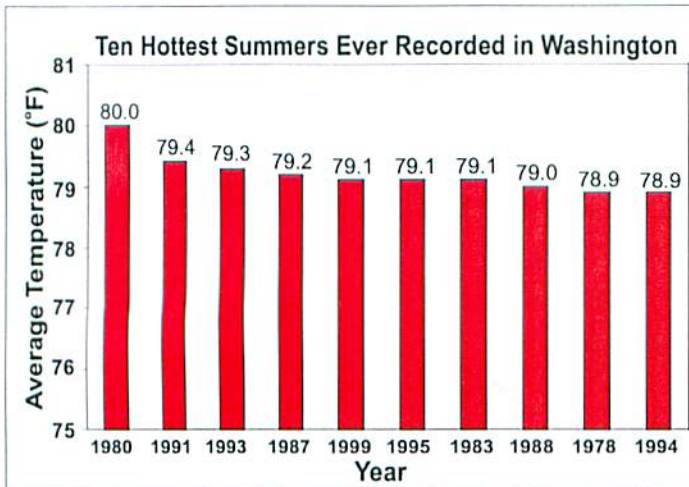




**PRECIPITATION SUMMARY AND TEMPERATURE OBSERVATIONS  
FOR THE WASHINGTON, DC & BALTIMORE, MD AREA**

**AUGUST 1999 & SUMMER REVIEW**

**AUGUST: ABNORMALLY WARM & DRY MOST OF THE MONTH;  
BENEFICIAL RAINS TOWARD MONTH'S END**  
**SUMMER: SEVERE DROUGHT CONDITIONS AND FREQUENT  
PERIODS OF INTENSE HEAT**



**HIGHLIGHTS**  
**MONTHLY**

- Above normal temperatures and precipitation across the Washington/Baltimore area;
- 22 days with at or above normal temperatures at DCA;
- 16 days with 90°F+ highs at DCA, including the first 8 days of the month;
- First wetter than normal month at the three major airports since March 1999 and the wettest month since January 1999 at DCA, since February 1998 at BWI and June 1998 at IAD;
- Wettest August at all five airports since 1990;
- Most of the monthly precipitation totals were observed between the 23rd and 27th [DCA: 4.38" (87% of monthly total); BWI: 4.15" (68%) and IAD: 4.85" (89%)];
- Wettest calendar day (August 26th; 2.03") at DCA since August 20, 1997, at BWI (August 25th; 1.49") since February 23, 1998 and at IAD (August 25th; 3.03") since August 17, 1997;
- Wettest two-day period (3.04" on 26th-27th) since November 27th-28th, 1993 at DCA;
- Strong thunderstorms pounded Baltimore on the 26th, generating up to 4.5" of rain, flash flooding and numerous power outages.

**SEASONAL**

- Above normal temperatures and subnormal precipitation across the local area;
- Fifth warmest summer (tied w/ 1983 & 1995) on record at DCA, eighth at IAD;
- 62 days (67%) with at or above normal temperatures at DCA;
- 46 summer days with 90°F+ highs at DCA (36 at BWI; 39 at IAD), including 3 days with highs at or above 100°F (2 at BWI);
- Eighteen consecutive days (July 22nd-August 8th) with 90°F+ highs at DCA, the longest such period since July 29th-August 18th, 1988 (21 days; the longest ever recorded in Washington);
- Second hottest July ever recorded in Washington, sixth warmest at both BWI and IAD;
- Seasonal rainfall deficits of -0.39" at IAD, -1.04" at BWI and -2.80" at DCA;
- Heavy rains during the week of August 22nd-28th accounted for more than 50% of the seasonal precipitation total at DCA and more than 40% at both BWI and IAD.

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