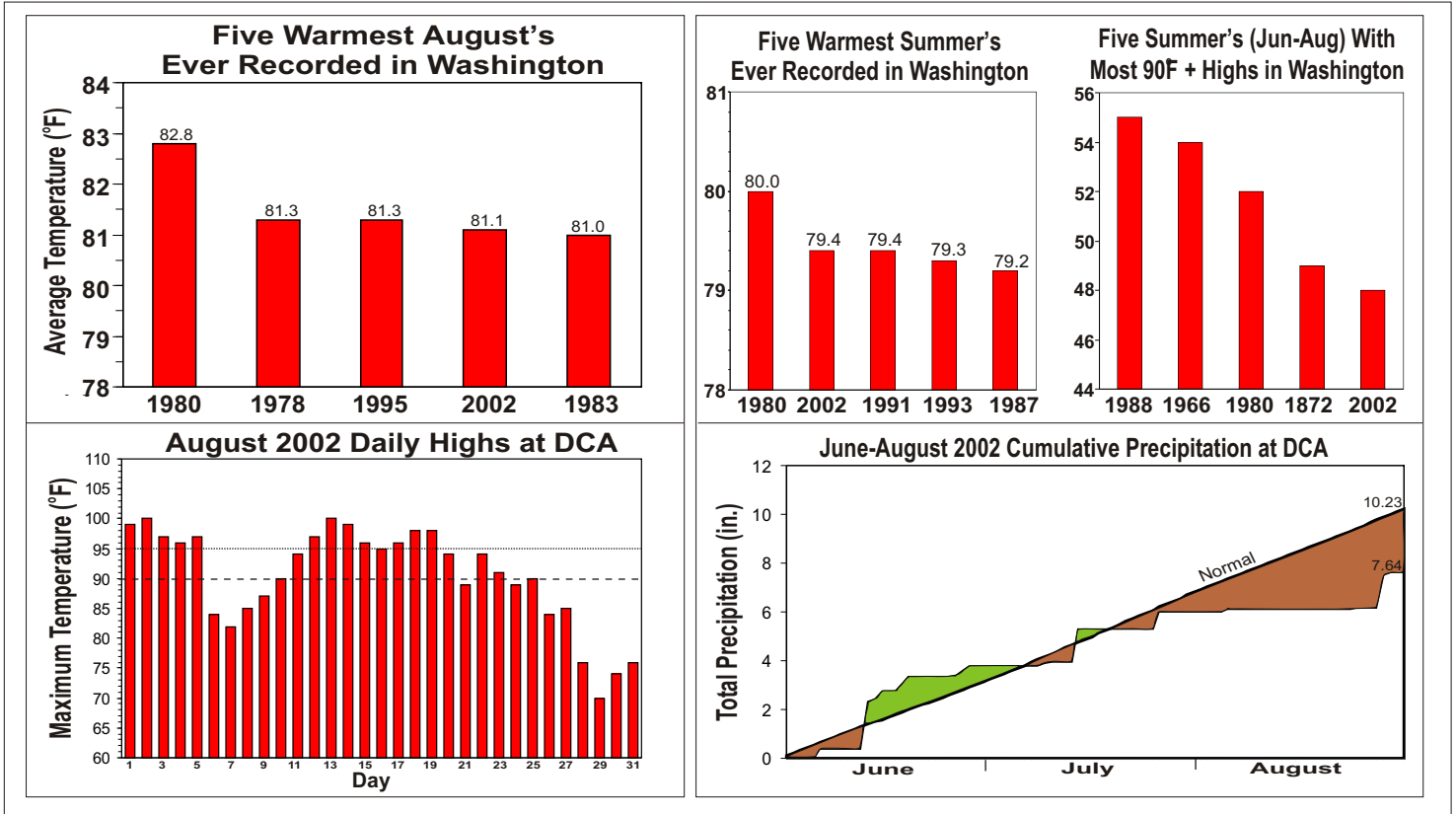


**PRECIPITATION SUMMARY AND TEMPERATURE OBSERVATIONS
FOR THE WASHINGTON, DC & BALTIMORE, MD AREA**

**AUGUST 2002 & SUMMER REVIEW
SECOND HOTTEST SUMMER ON RECORD IN WASHINGTON***



**HIGHLIGHTS
MONTHLY**

- Abnormally hot and dry across most of the local area;
- Fourth warmest August on record in Washington, fifth at BWI and second (tied w/ 1993) at IAD;
- 23 days with at or above normal temperatures at DCA;
- 19 days with 90°F+ highs at DCA (17 at BWI, 19 at IAD), including 13 days at or above 95°F (second largest August total in Washington) and two days with highs of 100°F;
- 8 consecutive days (12th-19th) with 95°F+ readings, an August record and only third such occurrence in Washington;
- Five record daily highs established on the 1st (99°F), 2nd (100°F), 14th (99°F), 18th (98°F), & 19th (98°F) at DCA, two at BWI (13th: 99°F and 18th: 98°F (tied)) and 6 at IAD (2nd: 99°F, 4th: 99°F, 12th: 98°F, 13th: 98°F, 18th: 97°F & 19th: 95°F);
- Sixth month of 2002 with subnormal precipitation;
- Powerful thunderstorms on the 3rd generated heavy rain and strong winds that downed trees & powerlines in some areas and resulted in 2 fatalities in the local area, according to press reports;
- Soaking rains on the 28th-29th generated over 2 inches of rain (2.35" at BWI & 1.92" at IAD) across parts of the local area;
- Long-term drought conditions continued across the local region with severe to extreme drought reported across the region.

SEASONAL

- Abnormal warmth and subnormal precipitation across most of the local area;
- Second hottest summer (tied w/ 1991) on record in Washington, fifth at both BWI and IAD;
- Fifth most 90°F+ days during summer (June-August) ever recorded in Washington;
- 10 June days with 90°F+ readings (8 at BWI, 6 at IAD), the most such days since 1994 at DCA;
- Powerful thunderstorms on June 5th & 6th caused numerous power outages, generated lightning that struck the Maryland State House & strong winds that toppled the Wye Oak (over 450 years old), and over an inch of rain at IAD (1.02" on the 5th) & BWI (1.19" on the 6th);
- Wettest month (June 2002: 3.81") at DCA since July 2001, but only second month of 2002 with above normal precipitation;
- 19 July days with 90°F+ highs at DCA (19 at BWI and 15 at IAD), including 8 days with 95°F+ highs;
- 9 consecutive July days (15th-23rd) with 90°F+ highs at DCA;
- Second warmest January-August period ever recorded in Washington;
- Driest (22.62") September-August ever recorded in Washington.

* Tied with 1991