

## PRECIPITATION SUUMMARY AND TEMPERATURE OBSERVATIONS FOR THE WASHINGTON, DC \& BALTIMORE, MD AREA

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



## HIGHLIGHTS <br> 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 $90^{\circ} \mathrm{F}+$ highs at DCA (17 at BWI, 19 at IAD), including 13 days at or above $95^{\circ} \mathrm{F}$ (second largest August total in Washington) and two days with highs of $100^{\circ} \mathrm{F}$;
- 8 consecutive days (12th-19th) with $95^{\circ}{ }^{\circ}+$ readings, an August record and only third such occurrence in Washington;
- Five record daily highs established on the 1 st ( $99^{\circ} \mathrm{F}$ ), 2nd ( $100^{\circ} \mathrm{F}$ ), 14th ( $99^{\circ} \mathrm{F}$ ), 18th ( $98^{\circ} \mathrm{F}$ ), \& 19th ( $98^{\circ} \mathrm{F}$ ) at DCA, two at BWI (13th: $99^{\circ} \mathrm{F}$ and 18th: $98^{\circ} \mathrm{F}$ (tied)) and 6 at IAD (2nd: $99^{\circ} \mathrm{F}$, 4th: $99^{\circ} \mathrm{F}$, 12th: $98^{\circ} \mathrm{F}$, 13th: $98^{\circ} \mathrm{F}$, 18 th: $97^{\circ} \mathrm{F}$ \& 19th: $95^{\circ} \mathrm{F}$ );
- 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 $90^{\circ}$ F+ days during summer (June-August) ever recorded in Washington;
- 10 June days with $90^{\circ} F+$ 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 $90^{\circ} \mathrm{F}+$ highs at DCA (19 at BWI and 15 at IAD), including 8 days with $95^{\circ} \mathrm{F}+$ highs;
- 9 consecutive July days (15th-23rd) with $90^{\circ} F+$ highs at DCA,
- Second warmest January-August period ever recorded in Washington,
- Driest (22.62") September-August ever recorded in Washington.
* Tied with 1991

