

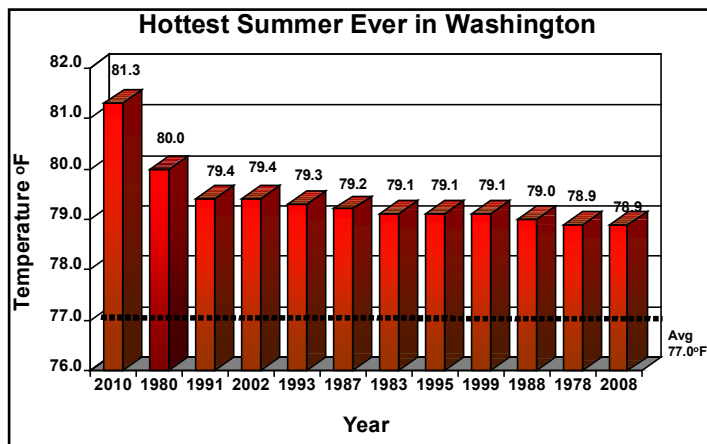
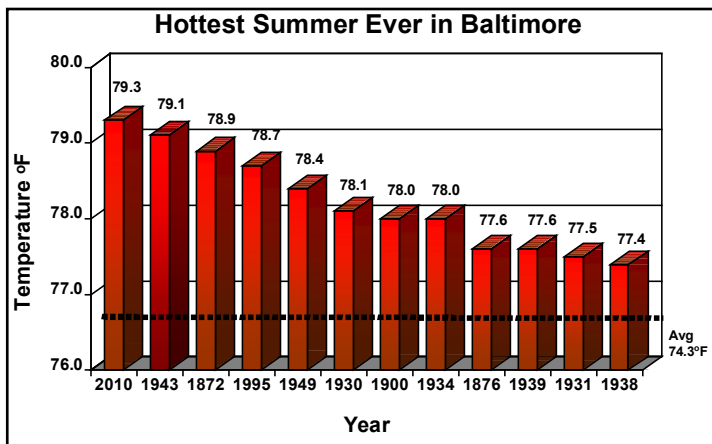


# PRESTO

PRECipitation Summary and Temperature Observations  
For the Washington, DC and Baltimore, MD Area



## Summer: Hottest on Record Across Region August: Hot, Severe Weather Impacts Area



### August Highlights

- Well above normal temperatures at the three major airports: +2.7°F at DCA, +2.9°F at BWI and +2.6°F at IAD
- Above normal temperatures for sixth consecutive month at DCA, BWI and IAD
- Highs at or above 95°F on 5 days at DCA, 4 days at IAD and 3 days at BWI
- DCA's reading of 66°F was its warmest minimum on record for August
- On the 4<sup>th</sup>, thunderstorm winds resulted in more than a dozen reports of downed trees across northern Fauquier County, VA
- On the 6<sup>th</sup>, in Oxon Hill, MD, and Alexandria, VA, widespread wind gusts of 60-70 mph and localized gusts of 70-80 mph downed many large limbs and caused some trees to be uprooted, resulting in snapped power lines and loss of power to 96,000 customers, according to press reports
- On the 12<sup>th</sup>, a rapidly moving line of severe thunderstorms struck Frederick, Carroll and Montgomery Counties, MD. An EF-0 tornado (winds to 80 mph) was confirmed south of Unionville (Frederick County) causing tree damage. The winds resulted in major tree damage in parts of Silver Spring and Gaithersburg with gusts of 80-90 mph. Stafford County, VA, sustained property and tree damage with winds estimated at 70 mph
- On the 18<sup>th</sup>, torrential downpours flooded the area, resulting in numerous water rescues. Rainfall totals included 4.58" near McLean, (Fairfax County), VA, 4.54" near College Park (Prince Georges County), MD, and 4.47" near Hillandale (Montgomery County), MD.
- On the 24<sup>th</sup>, heavy rainfall impacted parts of Virginia. Rainfall totals included 5.51" near Afton (Augusta County) and 5.30" near Arrington (Nelson County).

### Seasonal Highlight

- Warmest on record at the three major airports with average temperature of 81.3°F at DCA; 79.3°F at BWI and 77.8°F at IAD
- First time on record average maximum temperature greater than 90°F at DCA (90.2°F)
- Average minimum temperature at DCA warmest on record (72.4°F)
- Highs at or above 90°F on 57 days at DCA; tied with 1988 for most in summer; 52 days with highs at or above 90°F at BWI, 2<sup>nd</sup> greatest total
- Hottest June on record at DCA and IAD, 2<sup>nd</sup> hottest at BWI
- Positive departures at all three major airports: DCA +4.0°F; IAD, 4.1°F; BWI, 3.8°F
- In June, readings at or above 90°F at DCA and BWI on 11 consecutive days (19<sup>th</sup>-29<sup>th</sup>); 2<sup>nd</sup> longest streak
- Highs at or above 95°F at DCA on 7 days; tied with 1991 for most ever in June
- Record high at BWI of 100°F on 24<sup>th</sup> and 27<sup>th</sup>; first such occurrence at BWI of two 100°F days in June.
- Record 100°F at DCA on 24<sup>th</sup> and 99°F on 27<sup>th</sup>; first occurrence of 100°F or greater since August 8, 2007, and in June since 1997
- Three record high minimum readings set at IAD, two at DCA in June
- Widespread severe weather impacted metro area on June 22: hail to 1.75" struck near Bel Air, MD, and to 1.0" near Belmont County; MD; wind gusts to 58 mph near North Potomac, MD, and to 55 mph at DCA
- Severe weather impacted Fairfax County, VA, on June 28; numerous trees knocked down near Centerville, Vienna, Fairfax Station and Great Falls, VA, with 60 mph gust measured near Merrifield, VA. Event resulted in more than an inch of rainfall in some areas.
- June tied for hottest month of all time in Washington (83.1°F) and at BWI (81.5°F)
- On July 7, DCA soared to a record 102°F and 101°F on July 24. BWI recorded record high temperatures on 4 July days: 6<sup>th</sup> (105°F), 7<sup>th</sup> (101°F), 24<sup>th</sup> (101°F) and 25<sup>th</sup> (100°F)
- On July 6, BWI soared to 105°F; 2<sup>nd</sup> hottest day ever in Baltimore (107°F, 7/10/36); at or above 100°F at BWI on 5 days, most on record
- On July 25, damaging straight line thunderstorm winds with gusts 60-75 mph and isolated gusts to 90 mph across Fairfax and Loudoun Counties in Virginia and Montgomery, northern Prince Georges, Ann Arundel and Charles counties in Maryland and in D.C. The storm resulted in three deaths from wind and one from lightning, widespread damage from downed trees and power lines, and loss of power to more than 300,000 customers
- Severe thunderstorms on July 25 caused more damage on July 29 as strong winds and lightning knock down trees and wires