



# PRESTO

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



## **June 2014: Above Normal Temperatures in Washington; Frequent Severe Weather and Flooding**

- ☄ Normal to above normal temperatures: DCA, +2.0°F; BWI, +0.8°F, IAD, 0.0°F at IAD
- ☄ Fifth consecutive June with above normal readings at DCA and BWI
- ☄ Mini heat wave from the 16<sup>th</sup>-18<sup>th</sup> with temperatures at or above 90°F; DCA reported a record 97°F on the 17<sup>th</sup>
- ☄ On the 8<sup>th</sup>, an EF-1 tornado struck Martinsburg, WV, with estimated wind speeds of 90 mph, path length of 1 mile and width of 100 yards, causing tree and property damage
- ☄ On the 10<sup>th</sup>, torrential downpours caused flooding in Berwyn Heights, (Prince Georges County), MD. The area was inundated with 4"-5" of rain in 2 hours, resulting in 24 water rescues and forcing residents to evacuated two dozen homes, according to press reports
- ☄ A stormy 19<sup>th</sup> with early morning thunderstorms resulted in frequent cloud to ground lightning and power loss to a reported 22,000 customers. Severe weather reports from the storms included 1.25" hail in Park Heights, (Baltimore City), MD, wind gusts to 64 mph near North Beach (Ann Arundel County), MD, and 0.88" hail near Manassas (Prince

**Temperatures:** The three major airports reported normal to above normal temperatures: DCA, +2.0°F; BWI, +0.8°F; and exactly normal at IAD. The month featured one mini heat wave from the 16<sup>th</sup>-18<sup>th</sup> when temperatures reached or exceeded 90°F. DCA reported a record 97°F on the 17<sup>th</sup>. Maximum readings were 80°F or greater on all but 3 days at DCA, 6 days at BWI, and 8 days at IAD. DCA's minimum readings were uncomfortably warm, at or above 70°F, on 14 days including a sultry 77°F on the 18<sup>th</sup>, equaling a record. IAD established a record high minimum for 18<sup>th</sup> and 19<sup>th</sup>, 71°F.

The month's coolest readings at BWI and IAD occurred on the 1<sup>st</sup> when both airport recorded a 50°F minimum. BWI recorded only 3 days with highs at or above 90°F, the fewest since 2004, while DCA reported 4 such days, the fewest since 2009. Despite the relatively low number of scorchingly hot days, it was the 5<sup>th</sup> consecutive June with above normal readings at DCA and BWI. DCA recorded 9 of last 10 years with above normal temperatures; BWI, 8 of last 10 (see cover).

**Precipitation:** Monthly rainfall was highly variable due to the isolated nature and intensity of showers and thunderstorms. Totals were subnormal at DCA, 3.31" (-0.47"), and above normal at BWI, 3.95" (+0.49") and IAD, 4.62" (+0.64"). Strong to severe thunderstorms impacted the region on numerous days.

On the 8<sup>th</sup>, an EF-1 tornado struck Martinsburg, WV, with estimated wind speeds of 90 mph. The tornado's path length was 1 mile and its width, 100 yards, causing tree and property damage. Closer to the metro area, IAD was deluged with a calendar day rainfall record, 1.71".

Two days later on the 10<sup>th</sup>, torrential downpours caused flooding in Berwyn Heights, (Prince Georges County), MD. The area was inundated with 4"-5" of rainfall in just 2 hours, resulting in 24 water rescues and forcing residents to evacuate two dozen homes, according to press reports. The following day, 2.58" of rain in Potomac, (Montgomery County), MD, led to flash flooding and water rescues. In Virginia, golf ball size hail (1.75") damaged a truck near Hayfield (Frederick County). On the 12<sup>th</sup>, flash flooding occurred in Leesburg (Loudoun County), VA while 3.28" deluged Annapolis, (Ann

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