

**...Below normal temperatures and below normal precipitation characterized Richmond weather in August...**

The average temperature at Richmond International Airport was 76.4 degrees, which was 1.1 degrees below normal. The average high temperature was 85.5 degrees or 2.1 degrees below normal. The average low temperature was 67.2 degrees or 0.2 degrees below normal. The highest temperature was 94 degrees on the 31<sup>st</sup>. The lowest temperature was 60 degrees on the 14<sup>th</sup> and 27<sup>th</sup>. There were 5 days with maximum temperatures above 90 degrees, which is 5.8 days below normal.

Precipitation came in at 3.61 inches, which is 1.05 inches below normal. The greatest 24 hour total was 1.15 inches on the 1<sup>st</sup>. There were 9 days with measurable rainfall, which is 0.1 days below normal.

There were 796.5 accumulated growing degree days (GDD), which was 31.5 GDD below the 1981-2010 normal of 828 GDD. The highest was on the 22<sup>nd</sup> and 30<sup>th</sup>, at 30.0 GDD.

For 2014, precipitation has reached 25.67 inches, which is 4.32 inches below normal. The average temperature year-to-date is 60.2 degrees, which is 0.3 degrees below normal.

There were no daily records set during August.

**...Below normal temperatures and below normal precipitation characterized Norfolk weather in August...**

The average temperature at Norfolk International Airport was 77.0 degrees, which was 0.9 degree below normal. The average high temperature was 82.7 degrees or 2.4 degrees below normal. The average low temperature was 71.2 degrees or 0.2 degrees below normal. The highest temperature was 93 degrees on the 31<sup>st</sup>. The lowest temperature was 67 degrees on the 9<sup>th</sup> and 15<sup>th</sup>. There was 1 day with a maximum temperature above 90 degrees, which is 6 days below normal.

Precipitation came in at 3.01 inches, which was 2.51 inches below normal. The greatest 24 hour total was 1.28 inches from the 1<sup>st</sup> into the 2<sup>nd</sup>. There were 9 days with measurable rainfall, which is 1.1 days below normal.

There were 847 accumulated growing degree days (GDD), which was 50 GDD below the 1981-2010 normal of 897 GDD. The highest was on the 3<sup>rd</sup>, at 32 GDD.

For 2014, precipitation has reached 32.41 inches, which is 0.47 inches above normal. The average temperature year-to-date is 60.8 degrees, which is 0.5 degrees below normal.

There were no daily records set during August.

### ...Below Normal Rainfall Characterized the Wakefield Forecast Area in August...

Most locations had 3 to 5 inches of rain in August which is generally 1 to 2 inches below normal. From 5 to 7 inches fell near the coast and especially on the lower Eastern Shore. A few areas had 2 to 3 inches of rain, most noticeably in the Wakefield area of Sussex County and at some locations west and northwest of Richmond.

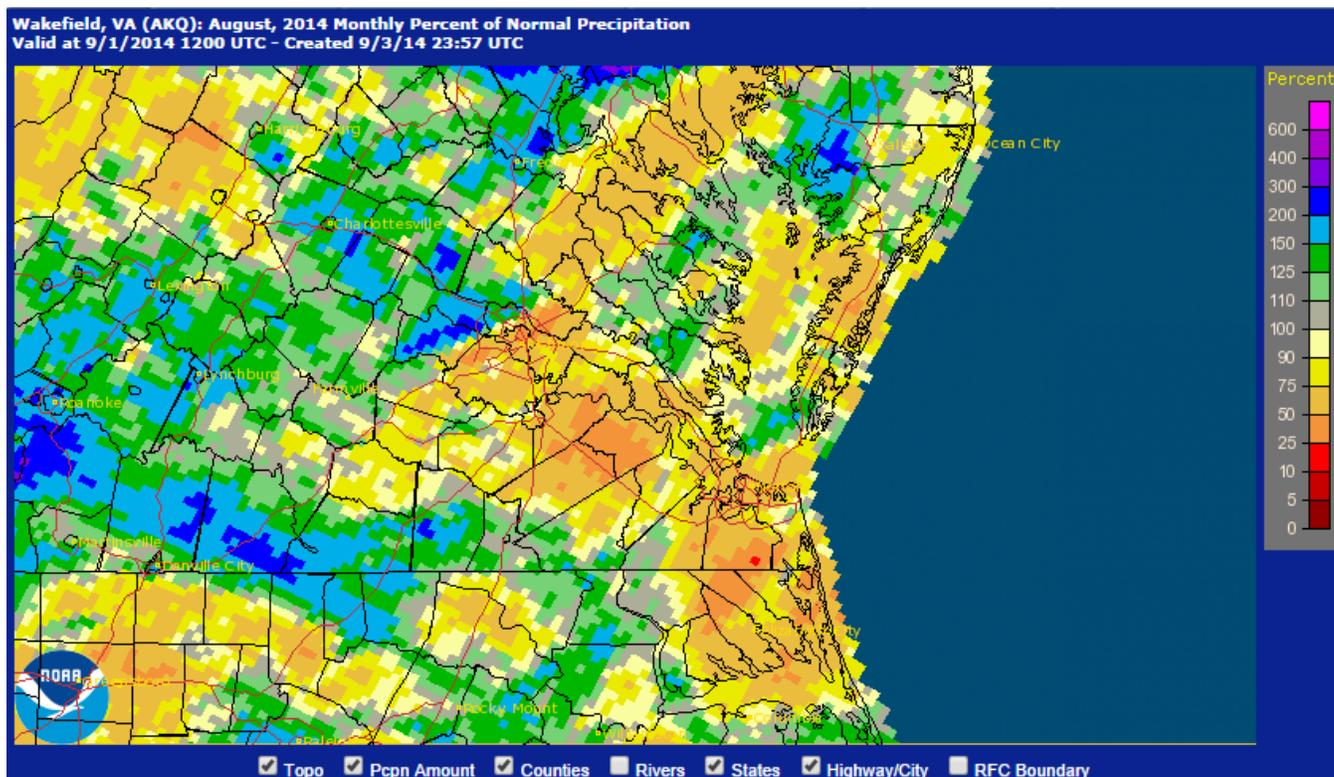
The largest contributor to the August rainfall was at the beginning of the month. Several days of precipitation mainly from the first to the third, generated from one and a half to three inches of rain. Heaviest rainfall fell on the Lower Eastern Shore with around 3 to nearly 5 inches of rain. Areas east of Interstate 95 had from one and a half to three inches of rainfall with less than one inch at most locations west of Interstate 95. This rainfall was associated with a stalled frontal boundary near the Carolina Coast.

Another significant rain event occurred from the 11 to the 12<sup>th</sup>. One to two inches of rain fell west of Interstate 95 with lesser amounts to the east. Southside Hampton Roads and northeast North Carolina generally had less than one quarter of an inch. Most of the rain was associated with a cold front that passed through on the 12<sup>th</sup>.

A low pressure system associated with a frontal boundary to our south produced one half to one inch of rain at most locations on the 18<sup>th</sup>. One to three inches fell in the Hopewell Petersburg area as well as Prince George County. Also three and a quarter inches of rain were reported at Emporia. Late in the day, a few locations had wind damage from thunderstorms.

Heavy rain fell around the 21<sup>st</sup> to the 24<sup>th</sup> of the month with most of the rain occurring on the 23<sup>rd</sup>. Almost five inches of rain fell at Palmyra in Fluvanna County. Two to three inches were reported in Goochland and Louisa Counties. Most locations had less than one half inch. This event was associated with a frontal boundary over the area, mainly running north to south over the mountains.

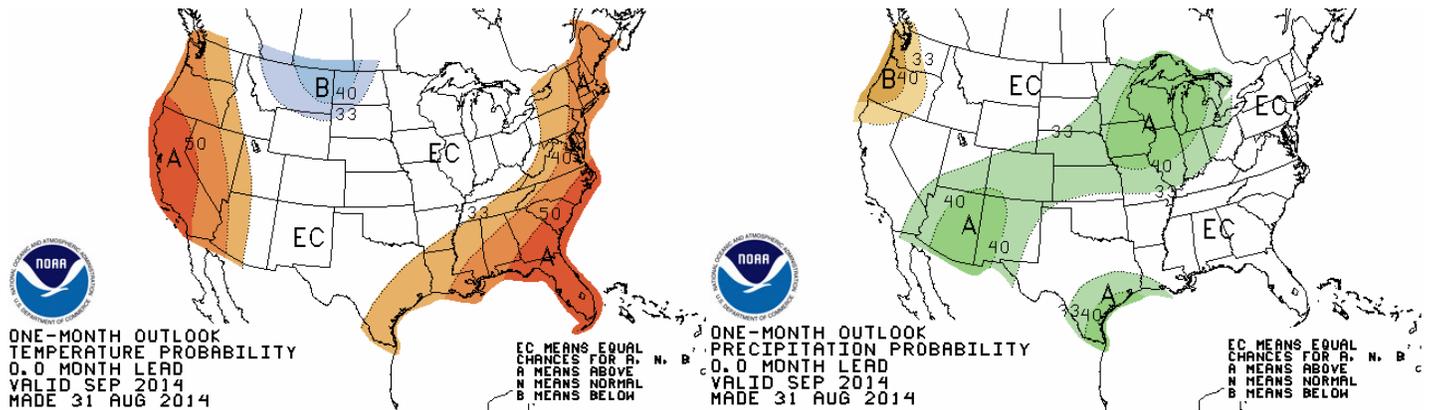
**Additional Information:** [http://www.weather.gov/akq/MONTHLY\\_RAINFALL\\_ANALYSIS](http://www.weather.gov/akq/MONTHLY_RAINFALL_ANALYSIS)



August 2014 Percent of Normal Rainfall. Additional data can be found at: <http://water.weather.gov>

Outlooks (see <http://www.cpc.ncep.noaa.gov/>)...

The **30 day outlooks** for temperature (left image) and precipitation (right image) predict above normal temperatures with equal chances for above, below, or near normal precipitation.



The **90 day outlooks** for temperature (left image) and precipitation (right image) predicts increased chances for above normal temperatures with equal chances for below normal, near normal, or above normal precipitation.

