



NWS Wilmington, Ohio August 2019 Regional Climate Summary

Regional Climate Summary

Although temperatures spent more time above normal than below normal through the month, overall temperatures never strayed very far above or below normal. Although observed thunderstorm activity and precipitation pattern was variable, in general precipitation finished off below normal northwest of Interstate 71 and above normal southeast of Interstate 71. Several days of damaging winds occurred throughout the month.

Temperatures

The weather pattern to start the month of August featured seasonable heat and humidity that remained entrenched across the region through the first three weeks or so of the month – with just one or two instances of brief (1-2 days) cool-downs during this stretch. High temperatures during this period reached into the 80s just about everyday – with many days getting close to or in excess of the 90-degree mark for many spots through the first two-thirds of the month.

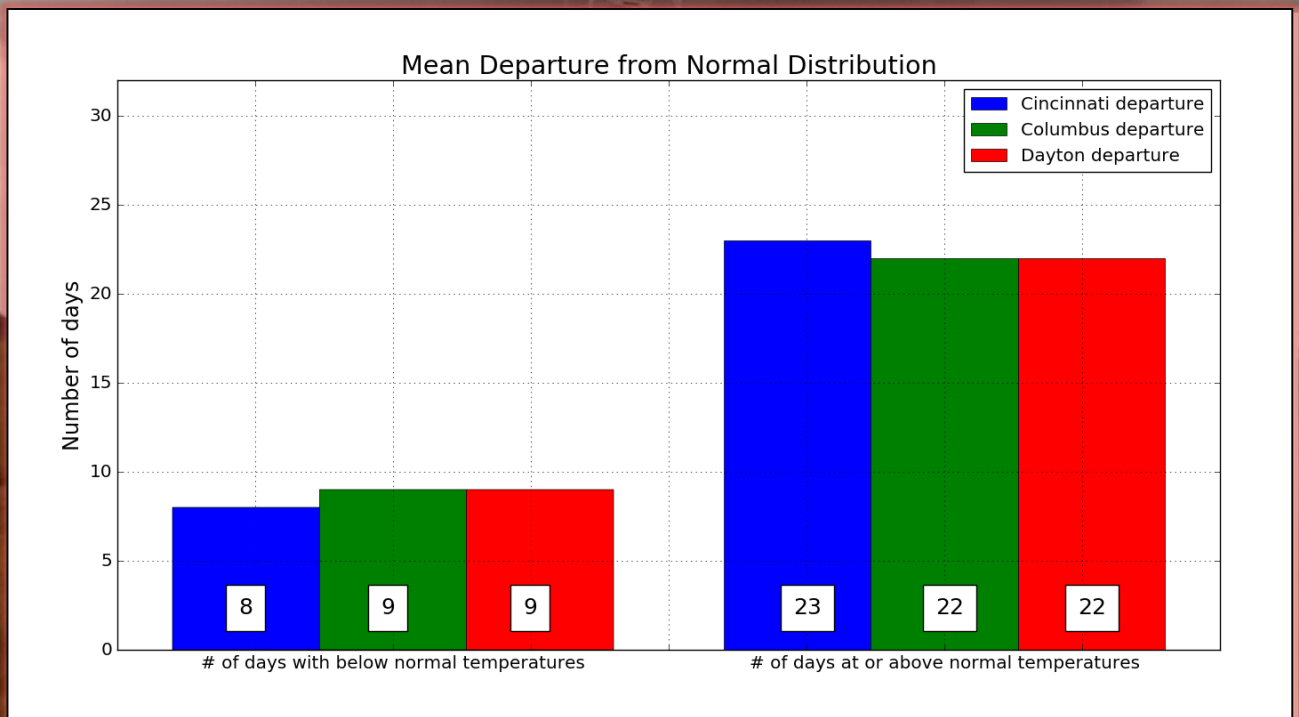
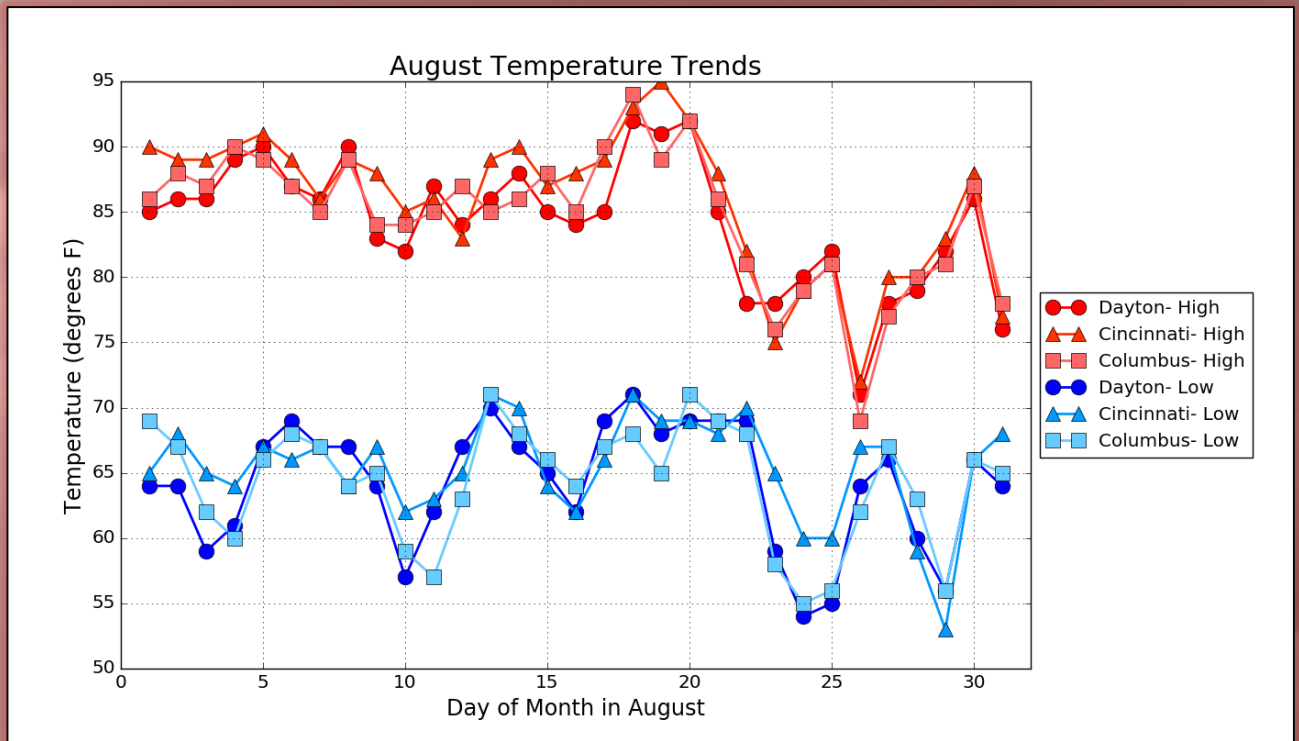
Slightly cooler air built into the region by the 23rd. Most locations experienced below normal temperatures from the 23rd through the 29th. Temperatures on the 30th warmed above normal in advance of a cold front that sagged south through the region. Temperatures finished off the month near normal on the 31st.

There was one temperature record tied. The high temperature at John Glen International Airport in Columbus was 94°F on Sunday August 18th. This ties the record high temperature for the day that occurred in 1940, 1922, and 1916.

Site	Avg Temp (°F)	Avg High Temp (°F)	Avg Low Temp (°F)	Departure From Normal (°F)	Maximum Temperature (°F)	Minimum Temperature (°F)
Cincinnati (CVG)	75.7°F	85.9°F	65.4°F	+0.9°F	95°F on 19th	53°F on 29th
Columbus (CMH)	74.5°F	84.7°F	64.3°F	+0.6°F	94°F on 18th	55°F on 24th
Dayton (DAY)	74.3°F	84.3°F	64.2°F	+1.6°F	92°F on 18/20th	54°F on 24th



Temperatures (Continued)



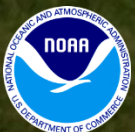
Precipitation

Although in general the first three weeks or so of the month featured below normal precipitation, the typical summertime rainfall footprint was very uneven – with some locations receiving almost no rainfall during this stretch while others had instances of very heavy rain (2-3"+) associated with slow moving thunderstorms. The pattern, as a whole, featured slightly below normal precipitation before a brief period of wetter conditions arrived from the 20th through the morning of the 23rd. Dry conditions moved in and remained in place through the 25th. On Monday the 26th widespread rain moved across the region. Precipitation continued for Tuesday the 27th before drier conditions returned. Many locations during this two day time received over an inch of rain. Dry conditions were in place for the 28th and the 29th. A cold front moved through on the 30th. This front allowed for showers and thunderstorms to develop during the afternoon and evening across south of Interstate 70. On the 31st precipitation developed early in the day and lingered into the afternoon hours generally near and northwest of I-71. As this activity moved out of the region additional storms developed across northern Kentucky bringing with them some heavy rainfall.

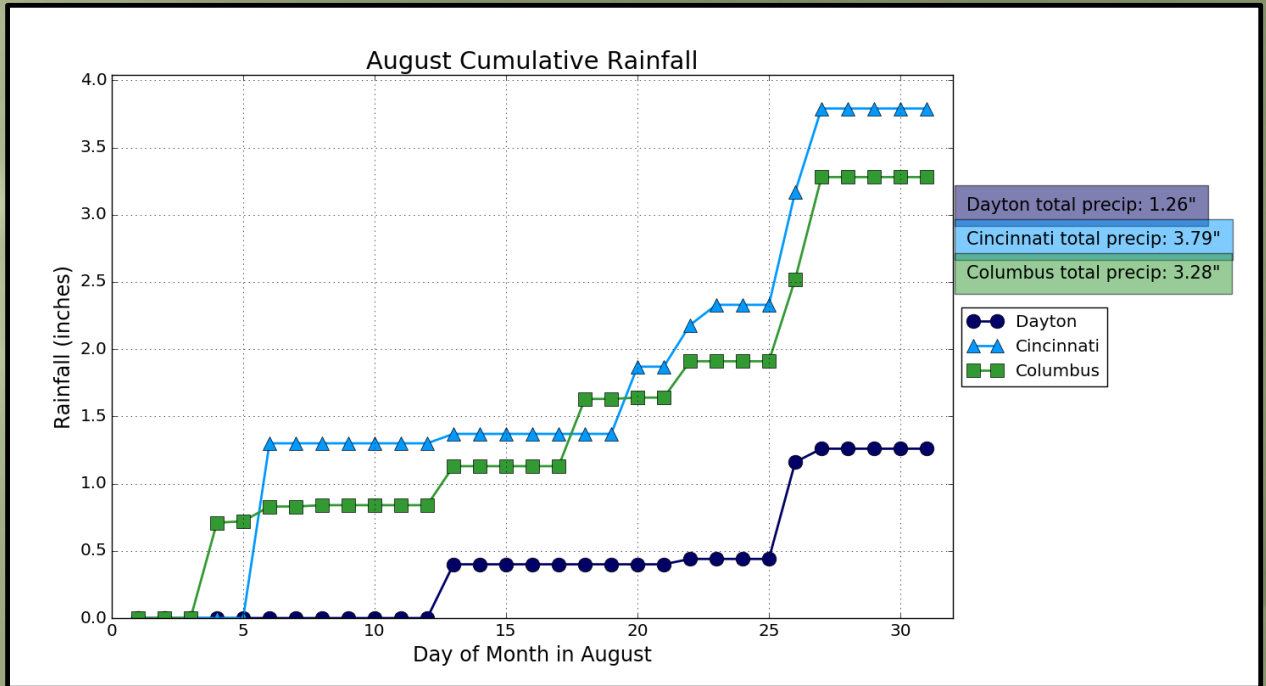
Although there were some localized areas there were different, overall northwest of I-71 had below normal precipitation while southeast of I-71 had above normal precipitation.

Damaging winds were the primary severe weather during August with damaging winds occurring on the 1st, 6th, 7th, 8th, 14th, 18th, 20th, 22nd, and 30th across the region.

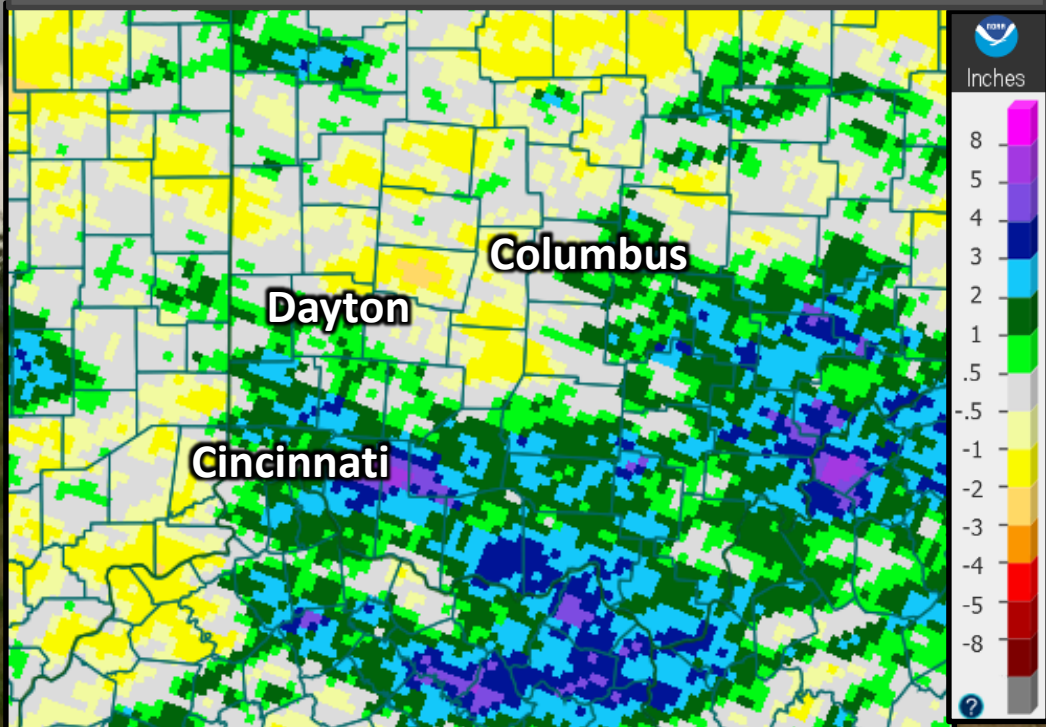
Site	Total Precipitation (in.)	Departure From Normal (in.)	Max Daily Precipitation (in./date)	
Cincinnati (CVG)	3.79 in.	+0.38 in.	1.30 in.	6th
Columbus (CMH)	3.28 in.	-0.04 in.	0.76 in.	27th
Dayton (DAY)	1.26 in.	-1.73 in.	0.72 in.	27th



Precipitation (Continued)



August Precipitation Departure From Normal (In.)



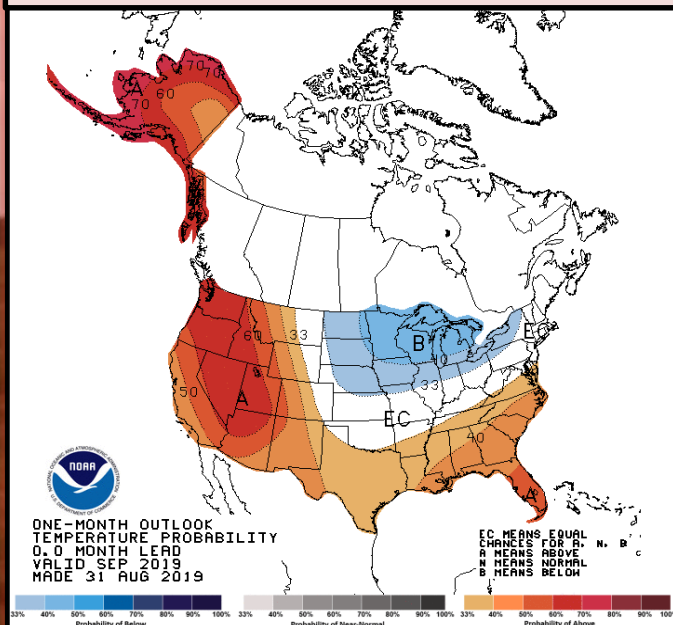
September Outlook

The latest outlook from the Climate Prediction Center calls for equal chances of above normal, normal, or below normal temperatures and precipitation, however just north of the region there is an increased likelihood of below normal temperatures and above normal precipitation.

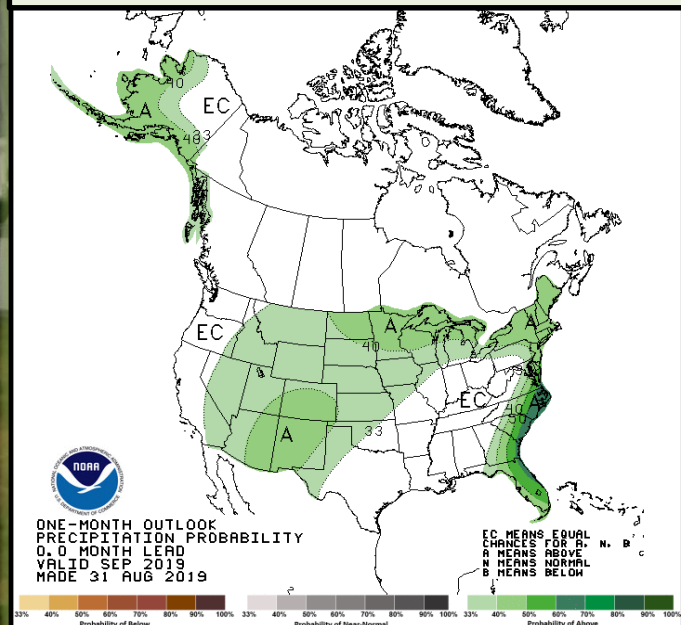
Site	Normal Avg Temp (°F)	Normal High (°F)	Normal Low (°F)
Cincinnati (CVG)	67.6°F	78.1°F	57.0°F
Columbus (CMH)	66.8°F	77.0°F	56.5°F
Dayton (DAY)	65.4°F	75.9°F	54.9°F

Site	Normal Precipitation (in.)	Normal Snowfall (in.)
Cincinnati (CVG)	2.63"	0.0"
Columbus (CMH)	2.84"	0.0"
Dayton (DAY)	3.30"	0.0"

Upcoming Temperature Outlook



Upcoming Precipitation Outlook

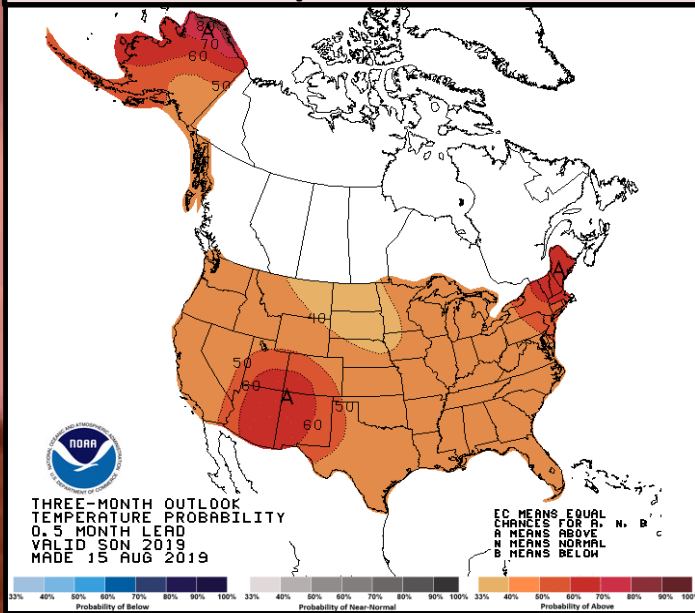


Autumn Outlook

El Niño has now transitioned to ENSO-neutral conditions. These ENSO-neutral conditions are likely to continue into the winter months.

There is an increased likelihood of above normal temperatures across the entire region. There is not a clear signal for precipitation with equal chances of below normal, normal, or above normal precipitation.

Three-Month (SON) Temp. Outlook



Three-Month (SON) Precip. Outlook

