



NWS Wilmington, Ohio August 2020 Regional Climate Summary

Regional Climate Summary

With several stretches of both above-normal and below-normal temperatures, average temperatures in general were not too far from normal values. Many locations in August had near or above normal precipitation for the month, especially near/southeast of the I-71 corridor. Due to the scattered nature of thunderstorm activity, some areas still ended up below normal for the month.

Temperatures

Although July was a month characterized by unseasonably long stretches of heat and humidity, the same could not be said about August – particularly the first half of the month. Temperatures were very close to seasonal norms on many occasions through the first two plus weeks of the month, with several days of below normal temperatures as well. The “cooler-than-normal” pattern became especially apparent by the 17th as an unseasonably dry airmass settled into the region for at least 5 days or so.

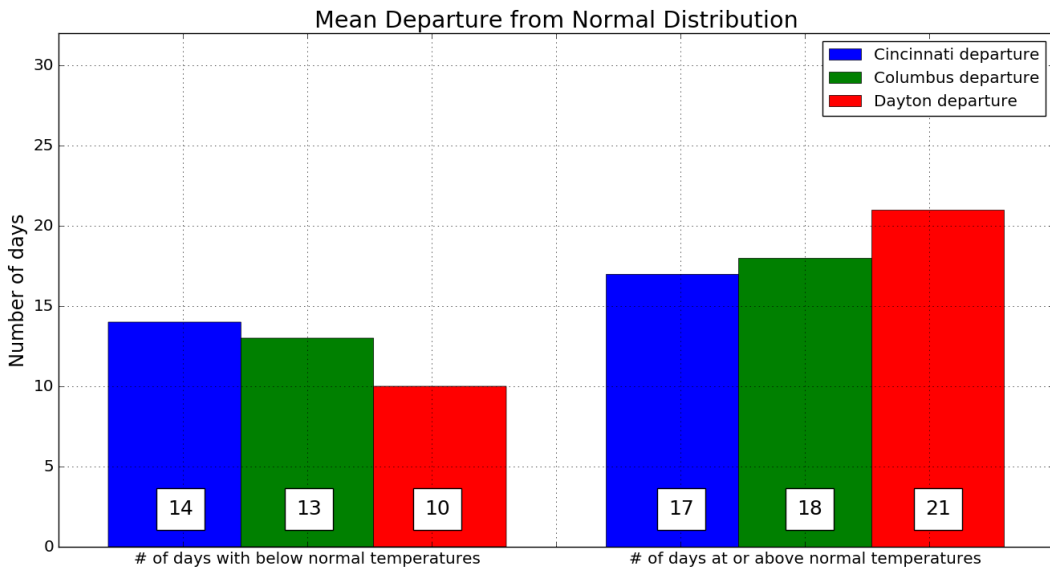
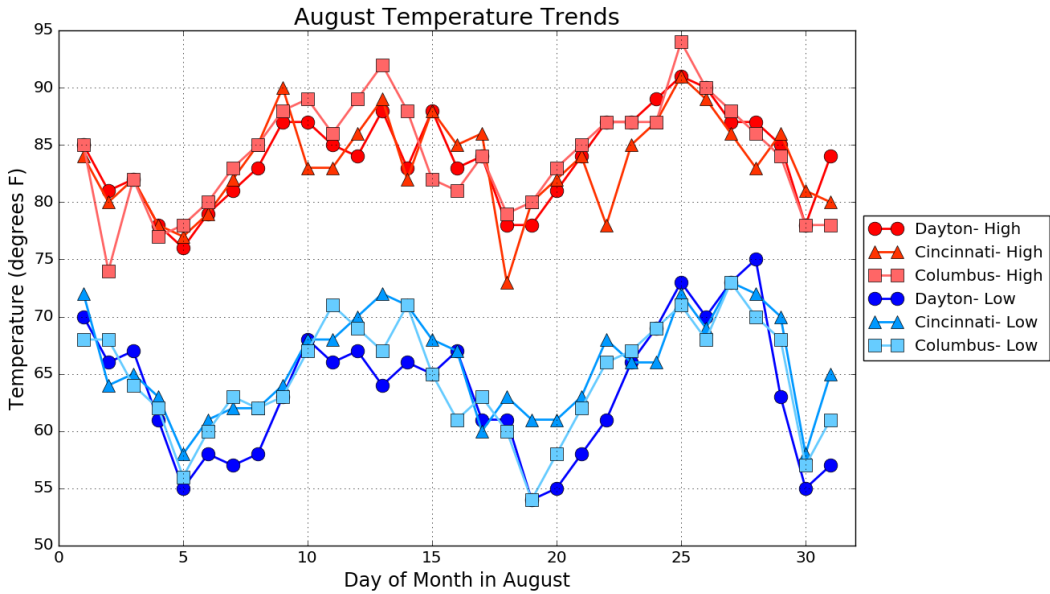
Daily average temperatures generally were about 3-5 degrees below seasonal norms for the first 8 days of the month before trending to about 1-3 degrees above normal for the next 8. Without much in the way of extreme temperatures, 90°F+ days were rather difficult to come by, particularly in comparison to July.

Temperatures started to warm back above normal around the 22nd to 23rd depending on the location. This above normal stretch continued through the 29th before slightly cooler conditions filtered in by the end of the month as the calendar flipped to September.

Site	Avg Temp (°F)	Avg High Temp (°F)	Avg Low Temp (°F)	Departure From Normal (°F)	Maximum Temperature (°F)	Minimum Temperature (°F)
Cincinnati (CVG)	74.6°F	83.4°F	65.9°F	- 0.2°F	91°F (08/25)	58°F (Mult.)
Columbus (CMH)	74.4°F	84.2°F	64.6°F	+ 0.5°F	94°F (08/25)	54°F (08/19)
Dayton (DAY)	73.7°F	83.9°F	63.5°F	+ 1.0°F	91°F (08/25)	54°F (08/19)



Temperatures (Continued)



Precipitation

The month started on a bit of a wet note, with scattered to numerous showers and thunderstorms for at least the first 4-5 days of the month before slightly drier conditions evolved for the following several days. In fact, rainfall was rather spotty through at least the next 7-10 days before another system brought several days in a row with scattered showers and thunderstorms by the middle of the month.

With the wet start to the month followed by a somewhat drier stretch leading into the middle of the month, rainfall in general was near normal through the first two weeks or so of August.

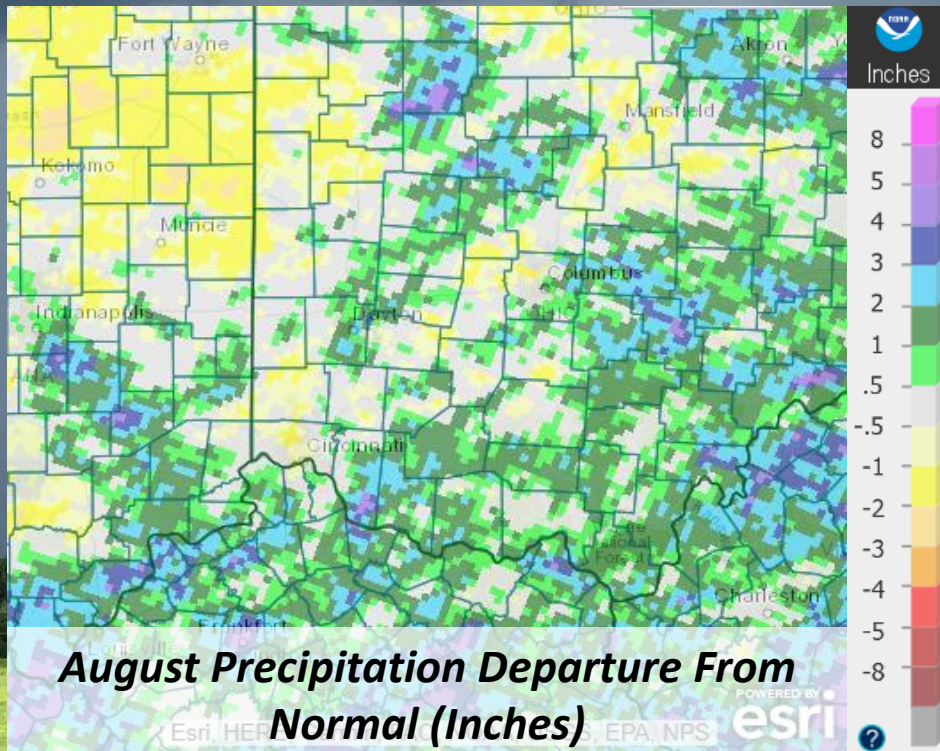
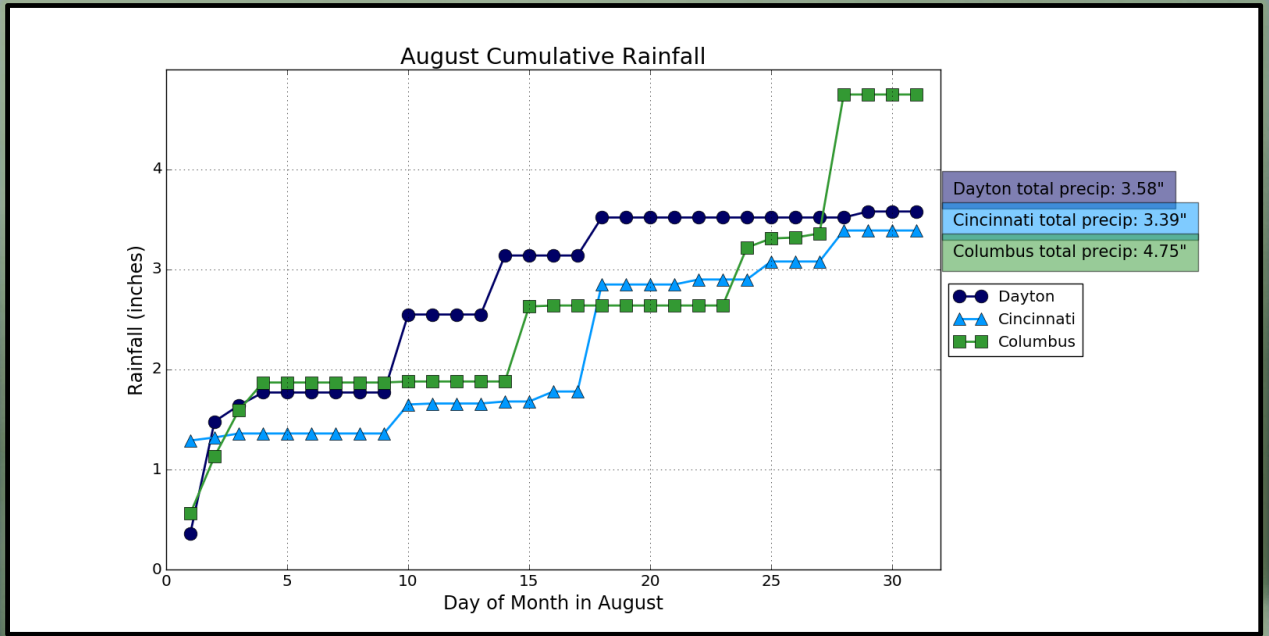
For the next two weeks of the month the precipitation footprint was variable with in general the drier locations situated northwest of Dayton. Higher precipitation values were situated near and south of the Ohio River and also into the Scioto Valley.

Moving into the last few days of the month, clusters of thunderstorms moved across during the day on the 28th bringing some scattered heavy downpours. Rain from the remnants of Laura moved across locations near and south of the Ohio River from the 28th into the 29th. A cold front moved through on the 29th, however there was little in the way of precipitation with this feature.

Site	Total Precipitation (in.)	Departure From Normal (in.)	Max Daily Precipitation (in./date)	
Cincinnati (CVG)	3.39"	- 0.02"	1.29"	08/01
Columbus (CMH)	4.75"	+ 1.43"	1.39"	08/28
Dayton (DAY)	3.58"	+ 0.59"	1.12"	08/02



Precipitation (Continued)



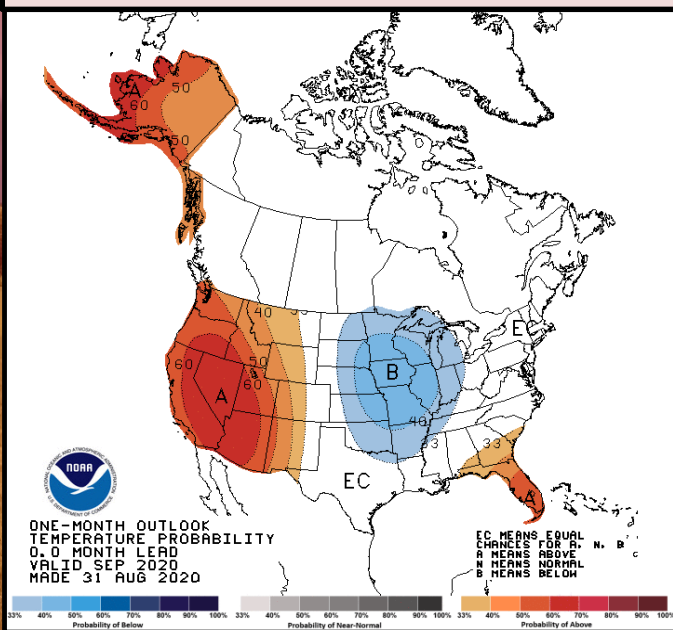
September Outlook

Indiana and into western portions of Ohio and Kentucky have an increased likelihood of below normal temperatures for the month of September. Further east there is not as clear of a signal, with equal chances of below normal, normal, or above normal temperatures. With precipitation, there are increased chances of below normal precipitation northwest of the region and increased likelihood of above normal precipitation south and southeast of the area. Locations in this area however do not have as clear of a signal with equal chances of below normal, normal, and above normal precipitation.

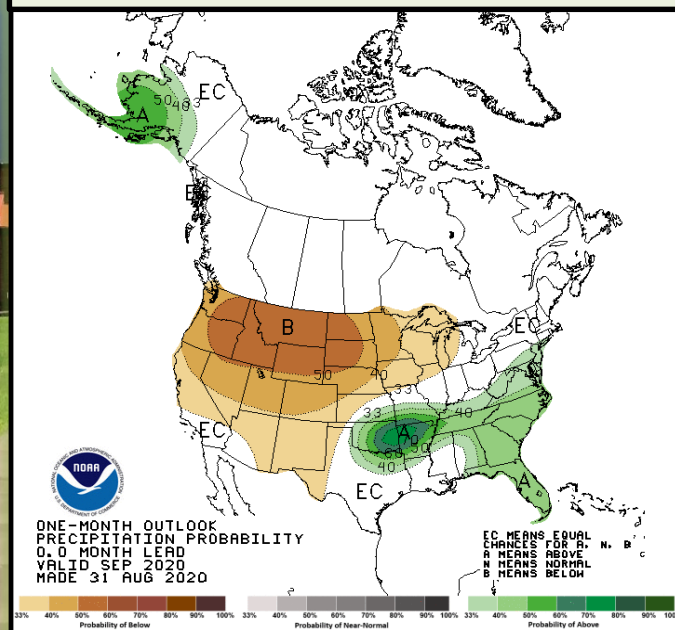
Site	Normal Avg Temp (°F)	Normal High (°F)	Normal Low (°F)
Cincinnati (CVG)	67.6°F	78.1°F	57.0°F
Columbus (CMH)	66.8°F	77.0°F	56.5°F
Dayton (DAY)	65.4°F	75.9°F	54.9°F

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

Upcoming Temperature Outlook



Upcoming Precipitation Outlook

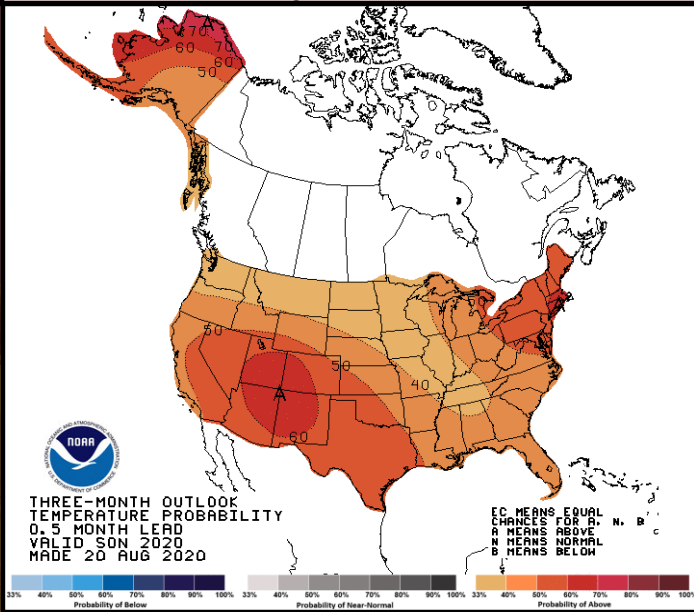


September to November Outlook

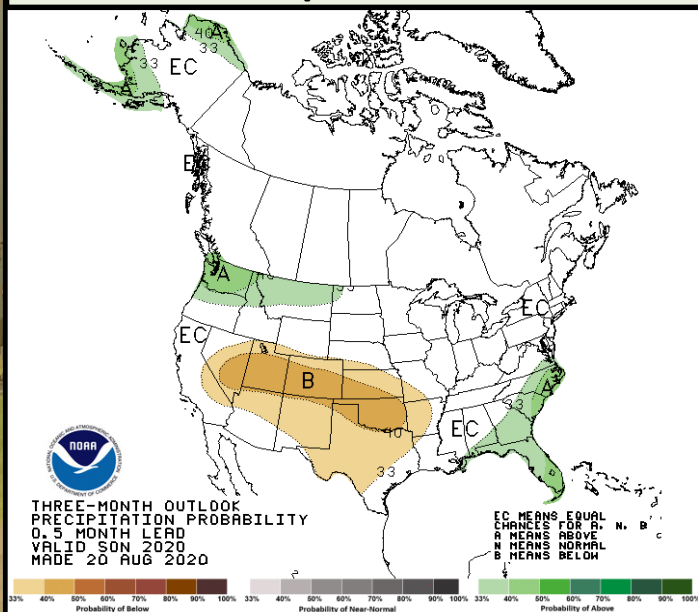
There is an increased likelihood of above normal temperatures during the September to November timeframe. There is not as clear of a signal for precipitation with equal chances of above normal precipitation, normal precipitation, and below normal precipitation.

There is approximately a 60% chance of La Niña development during the fall and continuing into the winter months. There is currently a La Niña watch.

Three-Month (SON) Temp. Outlook



Three-Month (SON) Precip. Outlook



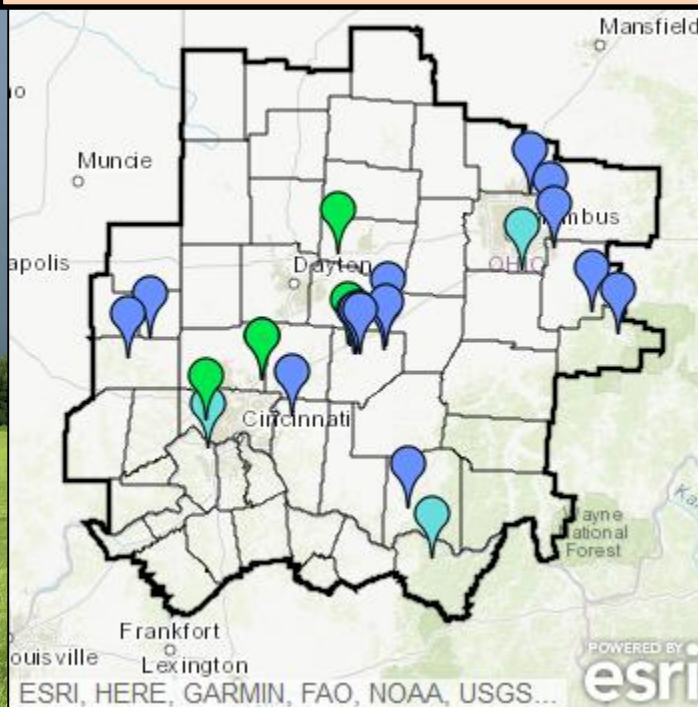
Severe Weather

While multiple days during the month had some isolated strong to severe storms, August 25th led to several reports of hail and damaging winds.

Several clusters of thunderstorms moved southeast through the region on the afternoon of Tuesday, August 25, 2020. These storms developed in a very hot and humid air mass, favorable for producing downbursts (straight-line winds). A few storms also produced severe hail. A map of these reports is below.

Thunderstorms on the 28th also brought damaging wind gusts with trees down to the area.

Storm Reports August 25, 2020



- Hail
- Thunderstorm Wind Gust
- Thunderstorm Wind Damage

