



NWS Wilmington, Ohio August 2025 Regional Weather Summary

Regional Weather Summary

In contrast to the very warm and humid month of July, the pattern in August featured extended stretches of cooler and drier conditions across the region. The final 10+ days of the month featured below normal temperatures and mainly dry conditions as very dry air settled into the Ohio Valley amidst a relatively stagnant pattern. With these extended dry stretches, precipitation was generally below normal for most locations in August.

Temperatures

A relatively cool airmass was in place across the region for the beginning of the month before warmer and more humid conditions built back into the Ohio Valley by the 5th. Highs reached into the middle 80s and lower 90s from the 5th through the 19th. This led to a stretch with almost daily isolated to scattered thunderstorms, although coverage was generally confined to peak daytime heating through the middle of the month. Coverage of activity was not particularly widespread on most days, so parts of the area began to dry out a bit past the middle of the month. This would be amplified by the 20th as a substantial pattern change evolved for the final third of August.

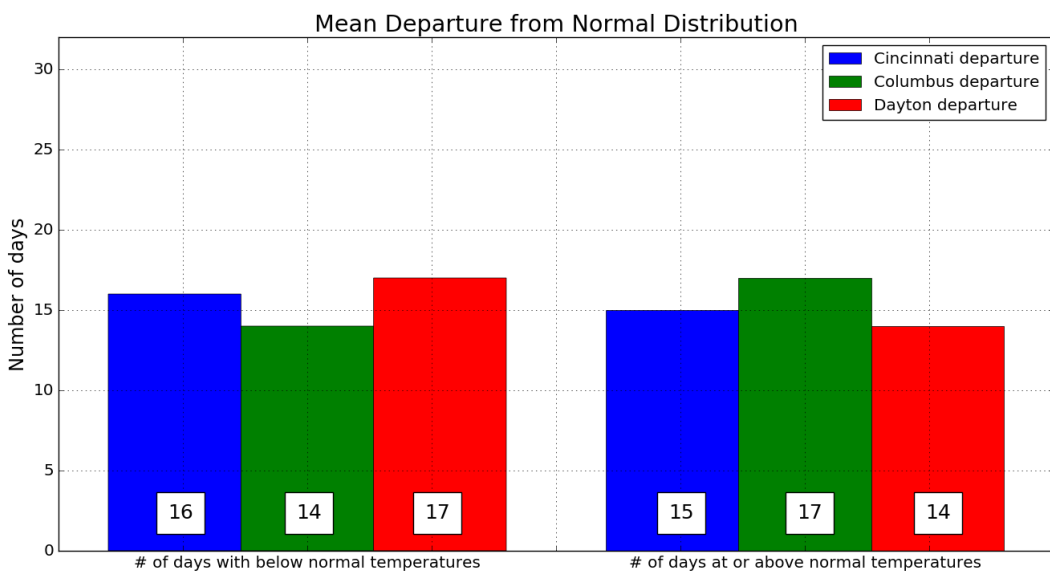
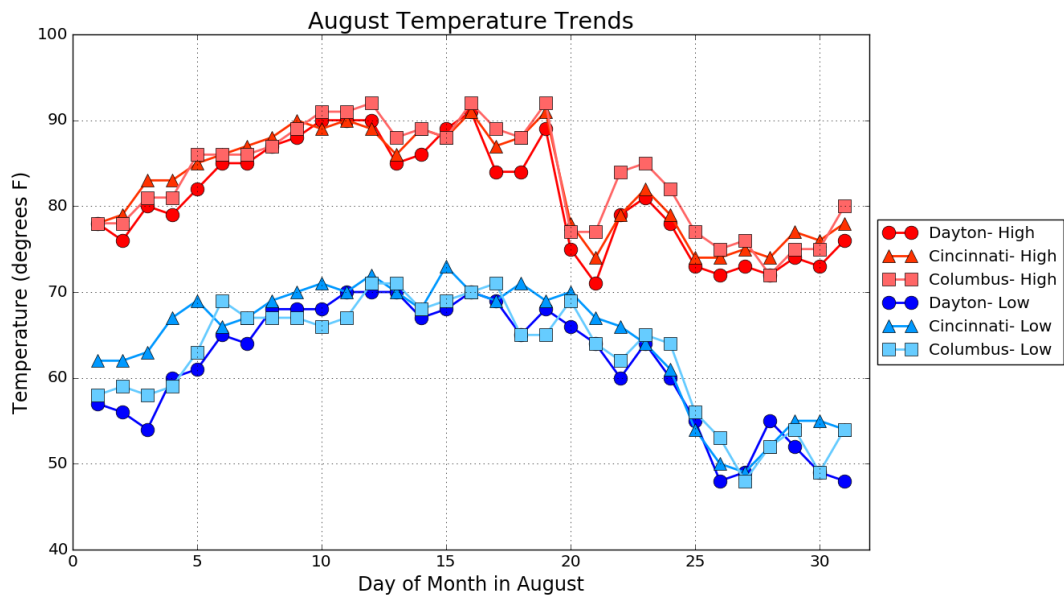
Much cooler air became established in the area during this stretch, with daytime highs in the 70s and 80s and overnight lows in the 40s, 50s, and 60s. This generally continued through the final days of August, with very little in the way of an increase in heat or humidity through the remainder of the month.

A record low temperature was tied at Dayton, Ohio on the 16th with a low of 48. The other low of 48 was set in 1963. A record low of 49 was set at Cincinnati on the 27th breaking the old record of 50 set in 1945.

Site	Avg Temp (°F)	Avg High Temp (°F)	Avg Low Temp (°F)	Departure From Normal (°F)	Maximum Temperature (°F)	Minimum Temperature (°F)
Cincinnati (CVG)	73.6	82.8	64.4	-1.3	91 on 16 th and 19 th	49 on 27 th
Columbus (CMH)	73.0	83.6	62.6	-1.0	92 on 16 th and 19 th	48 on 27 th
Dayton (DAY)	71.3	81.1	61.5	-3.2	91 on 16 th	48 on 26 th and 31 st



Temperatures (Continued)



Precipitation

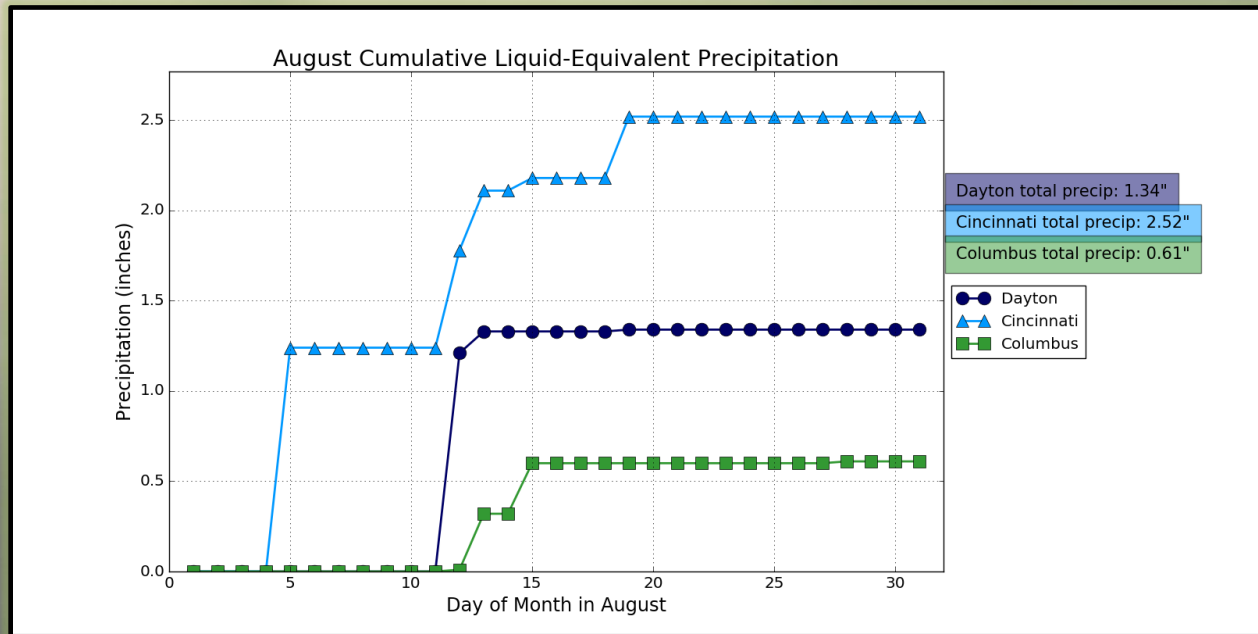
After a very warm, humid, and wet June and July for most spots in the region, the pattern in August offered a bit of a reprieve from all 3. There were several bouts of very dry air during the month, which yielded extended stretches of no rainfall area-wide. After a dry start to the month, a period of almost daily shower and storm chances returned for about 2 weeks, although coverage of activity was fairly isolated on numerous days.

A more widespread rain occurred late on the 5th into the 6th and also from the 12th to the 13th. Additional isolated to scattered storms through the middle of the month led to natural discontinuities in the overall rainfall footprint. This being said, coverage was somewhat limited on most days, so ground conditions began to slowly dry past the middle of the month for some locales. The final part of August was very dry across the entirety of the area.

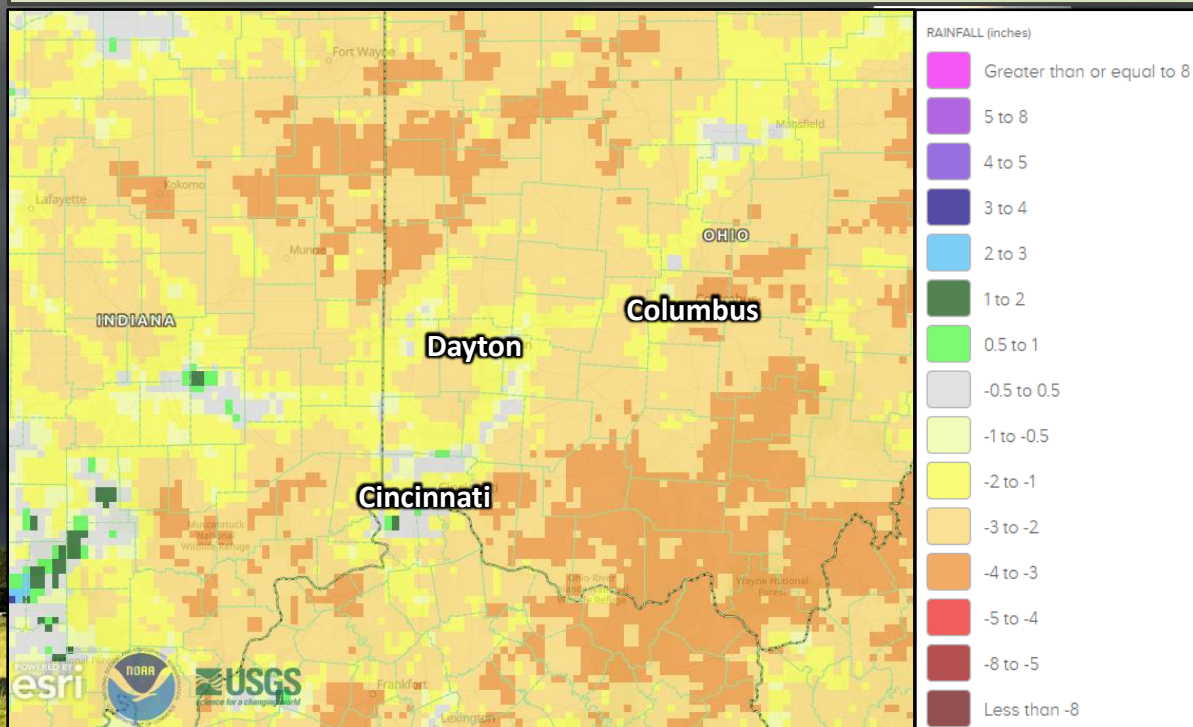
Severe weather was limited and very isolated during the month.

Site	Total Precipitation (in.)	Departure From Normal (in.)	Max Daily Precipitation (in./date)	
Cincinnati (CVG)	2.52	-0.91	1.24	5 th
Columbus (CMH)	0.61	-3.13	0.31	13 th
Dayton (DAY)	1.34	-1.62	1.21	12 th

Precipitation (Continued)

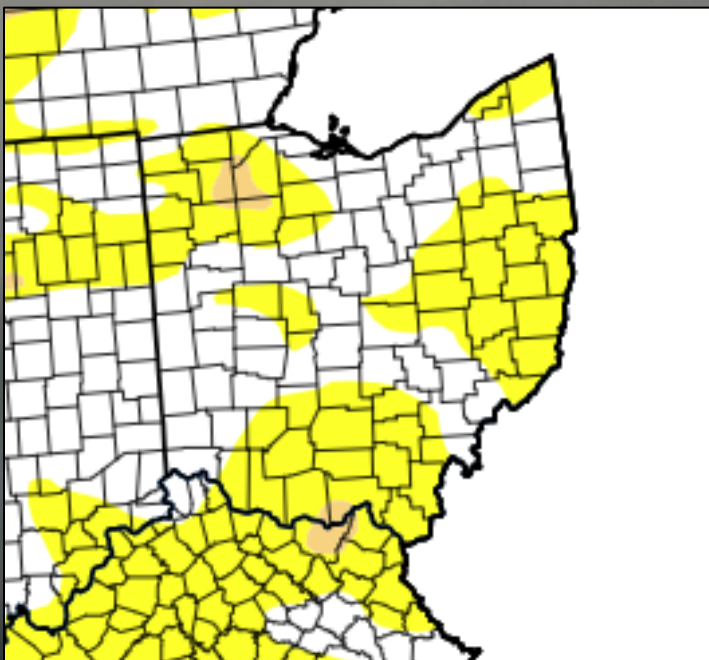


August Precipitation Departure From Normal (In.)



U.S Drought Monitor

The U.S. Drought Monitor map, released August 28th with data valid August 26th at 8am, shows no drought to D0 abnormally dry across most of the region. Across our region, there is a very small area of D1 or moderate drought in Lewis County Kentucky and into Adams and Scioto Counties in Ohio.



Map released: Thurs. August 28, 2025

Data valid: August 26, 2025 at 8 a.m. EDT

Intensity

- None
- D0 (Abnormally Dry)
- D1 (Moderate Drought)
- D2 (Severe Drought)
- D3 (Extreme Drought)
- D4 (Exceptional Drought)
- No Data

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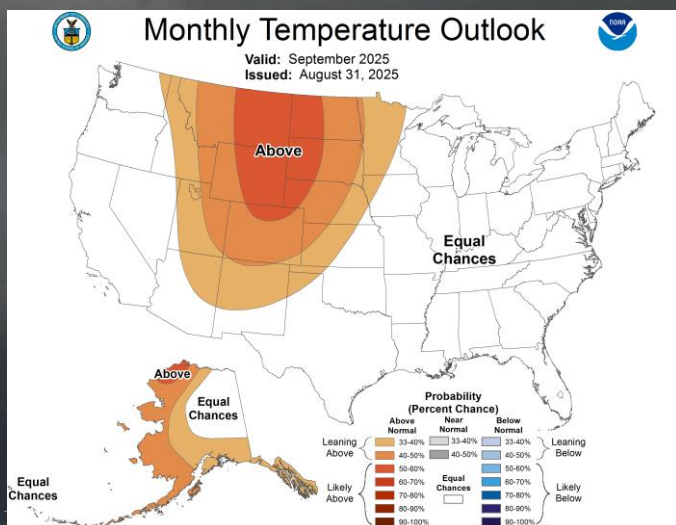
September Outlook

The latest outlook from the Climate Prediction Center calls for equal chances of both precipitation and temperature. There are equal chances of above normal, normal, and below normal conditions.

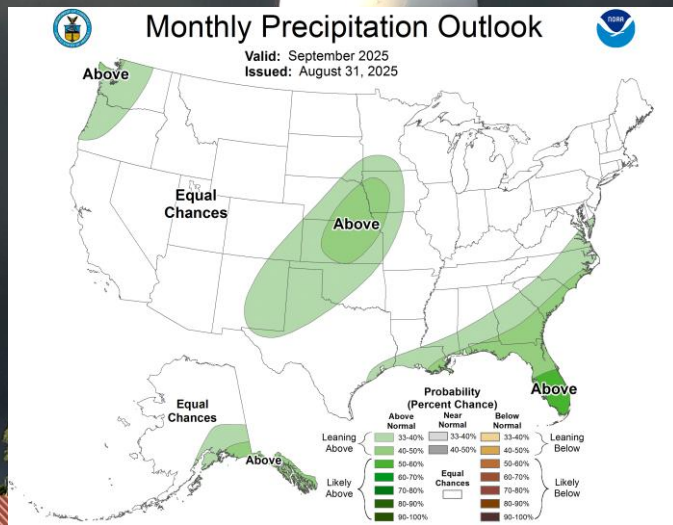
Site	Normal Avg Temp (°F)	Normal High (°F)	Normal Low (°F)
Cincinnati (CVG)	68.1	78.9	57.3
Columbus (CMH)	67.2	77.8	56.2
Dayton (DAY)	67.7	78.6	56.8

Site	Normal Precipitation (in.)	Normal Snowfall (in.)
Cincinnati (CVG)	3.11	0.0
Columbus (CMH)	3.14	0.0
Dayton (DAY)	3.31	0.0

Upcoming Temperature Outlook



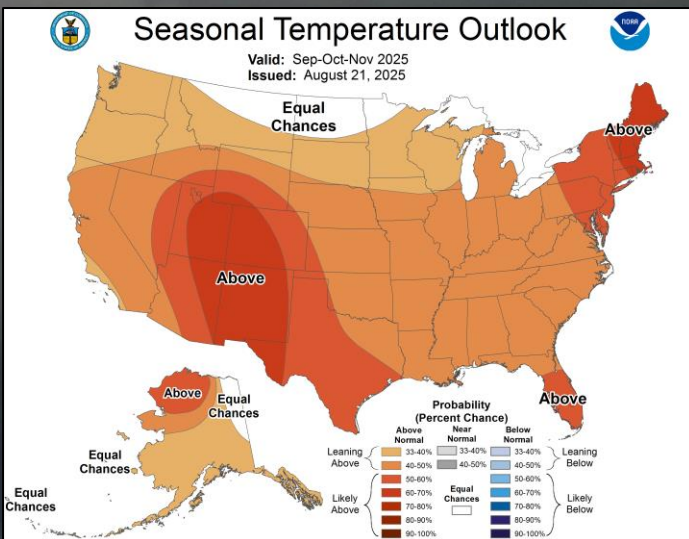
Upcoming Precipitation Outlook



Autumn Outlook

The three month seasonal outlook for September, October, and November calls for an increased likelihood of above normal temperatures. There is not as clear of a signal for precipitation with equal chances of above, below, and normal precipitation. A La Niña Watch is in effect. A brief period of La Niña conditions is favored in the fall and early winter time-frame before reverting to ENSO-neutral conditions.

Three-Month (SON) Temp. Outlook



Three-Month (SON) Precip. Outlook

