



NWS Wilmington, Ohio June 2022 Regional Climate Summary

Regional Climate Summary

An active weather pattern full of several notable weather events encompassed the first half of the month, with much quieter conditions for the second half. Although there were temperature days below normal, there were many above normal days with temperatures in the upper 80s to the 90s. Ultimately, the heat and dry conditions prevailed, leading to above average temperatures and below normal precipitation for the month.

Temperatures

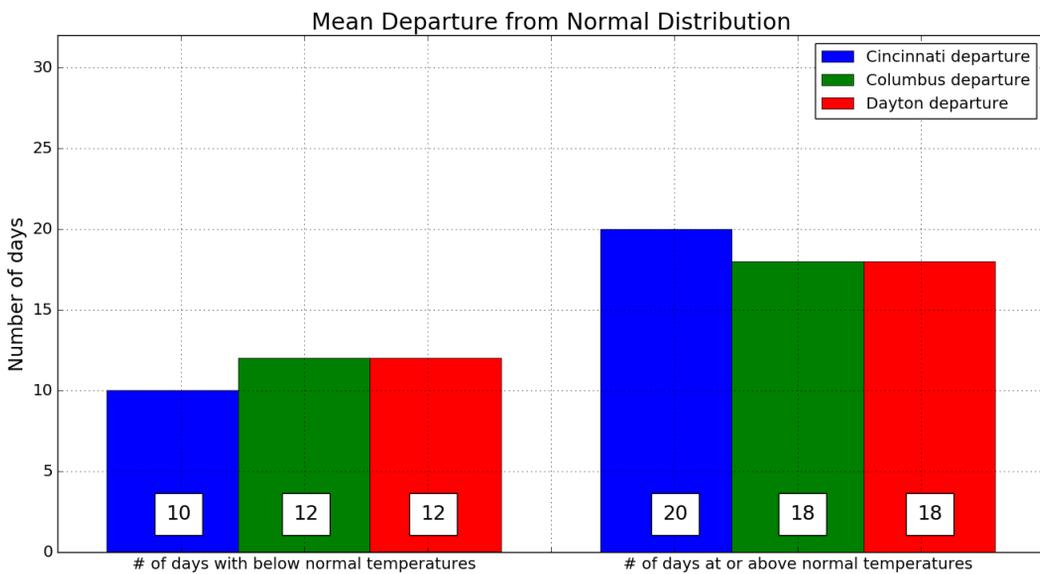
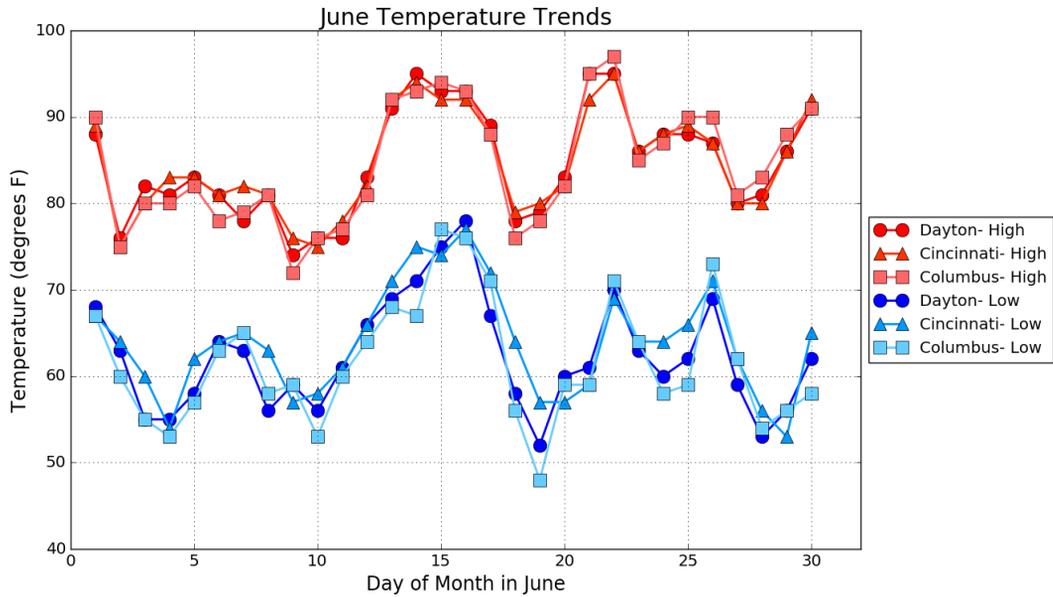
After a very warm first day of June, the following 10 day period was much closer to normal. The comfortable temperatures were replaced by much warmer than normal temperatures during the middle portion of the month. High temperatures were in the mid to upper 90s with low temperatures in the mid 70s. In fact, during some especially warm overnights, several daily high minimum temperature records were set. This air mass was coupled with rich low level moisture, leading to dangerously high heat indices during the day.

A brief cool spell was replaced by a couple days of above normal temperatures near record highs. Then, after a period of near normal temperatures, a stretch of dry and cooler temperatures moved in. Several days were 5 to 10 degrees below normal. A warming trend back to above average temperatures wrapped up the month with overall monthly averages about 1 to 2 degrees above normal. There were several large temperatures swings throughout the month, but the warmer than average periods ultimately overcame the cooler periods.

Site	Avg Temp (°F)	Avg High Temp (°F)	Avg Low Temp (°F)	Departure From Normal (°F)	Maximum Temperature (°F)	Minimum Temperature (°F)
Cincinnati (CVG)	74.3	84.6	63.9	+2.0	95°F on 22 nd	54°F on 4 th
Columbus (CMH)	73.1	84.5	61.7	+1.2	97°F on 22 nd	48°F on 19 th
Dayton (DAY)	73.4	84.6	62.3	+0.7	95°F on 14 th 21 st /22 nd	52°F on 19 th



Temperatures (Continued)



Precipitation

Splitting the month of June in half would show two vastly different stories precipitation wise. Although there were a few dry days, several days of rainfall occurred in the first half of the month. All three climate sites saw between 6 to 8 days of measurable rainfall during the first half of the month.

For the second half of the month however, all sites only saw between 1 to 2 days of measurable rainfall. So after being above average for the first half the month, the dry spells during the second half the month resulted in precipitation deficits when compared to normal monthly values.

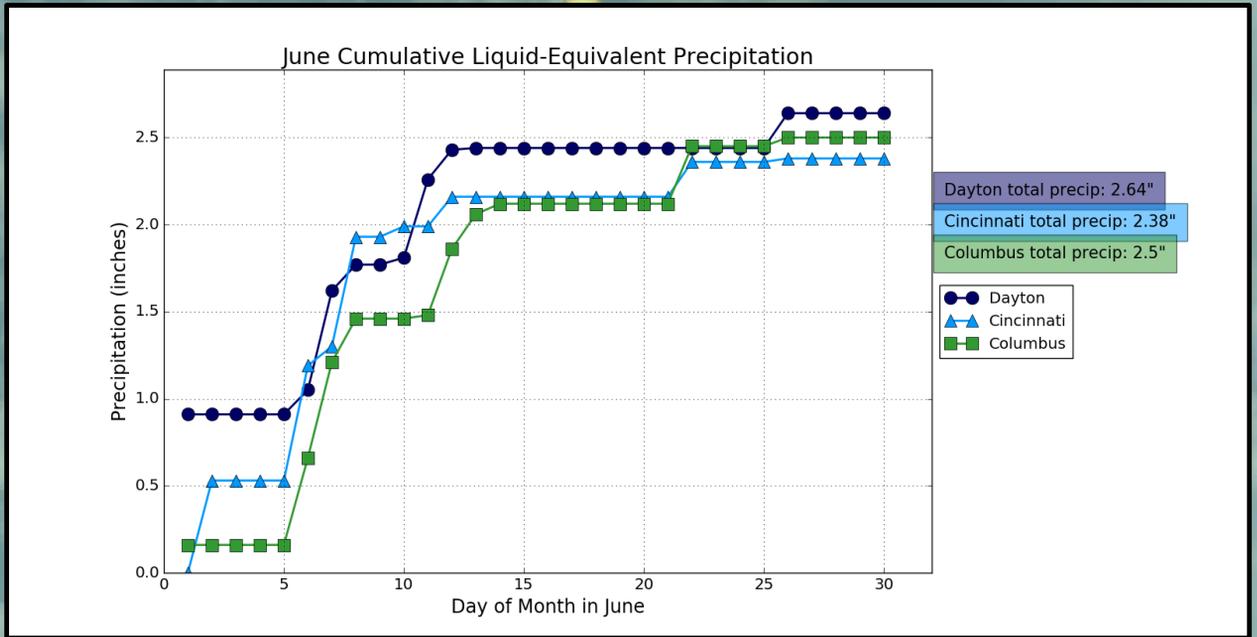
There were several days of severe weather during the month with some of the more widespread severe weather days being June 8th, June 13th, and June 22nd. Damaging thunderstorm wind was the highest threat with most of these events.

The final week of June remained mostly dry other than some light precipitation around the 25th-26th. For the month, all major climate sites recorded well below normal precipitation values, but there were still some areas in southern Ohio that recorded near or above normal values for the month.

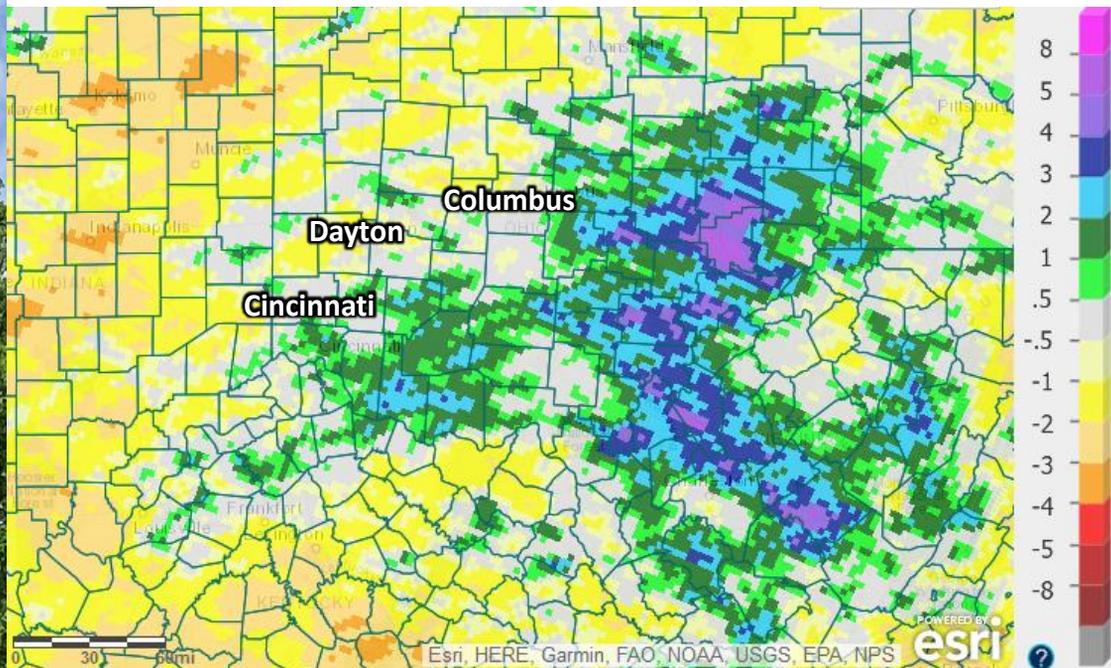
Site	Total Precipitation (in.)	Departure From Normal (in.)	Max Daily Precipitation (in./date)	
Cincinnati (CVG)	2.38	-2.37	0.66	6 th
Columbus (CMH)	2.50	-1.83	0.55	7 th
Dayton (DAY)	2.64	-1.50	0.91	1 st



Precipitation (Continued)



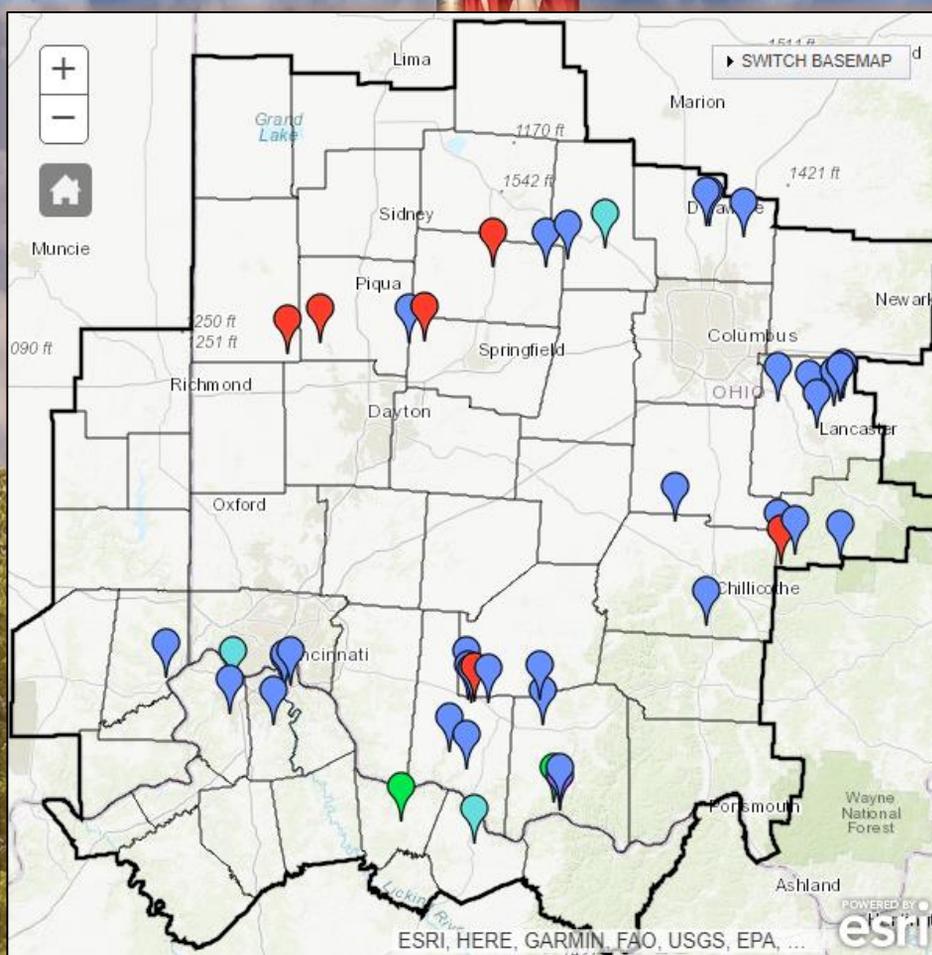
June Monthly Precipitation Departure From Normal (In.)



Severe Weather

Severe storms moved across much of the area on June 8th, producing wind damage, some hail and flooding, and several tornadoes. Two tornadoes were rated EF-2 with one occurring near Tipp City, OH and the other in the Tar Hallow State Park area in Hocking County, OH. In total, six tornadoes were confirmed across our counties for this event.

June 8th



LOCAL STORM REPORTS:

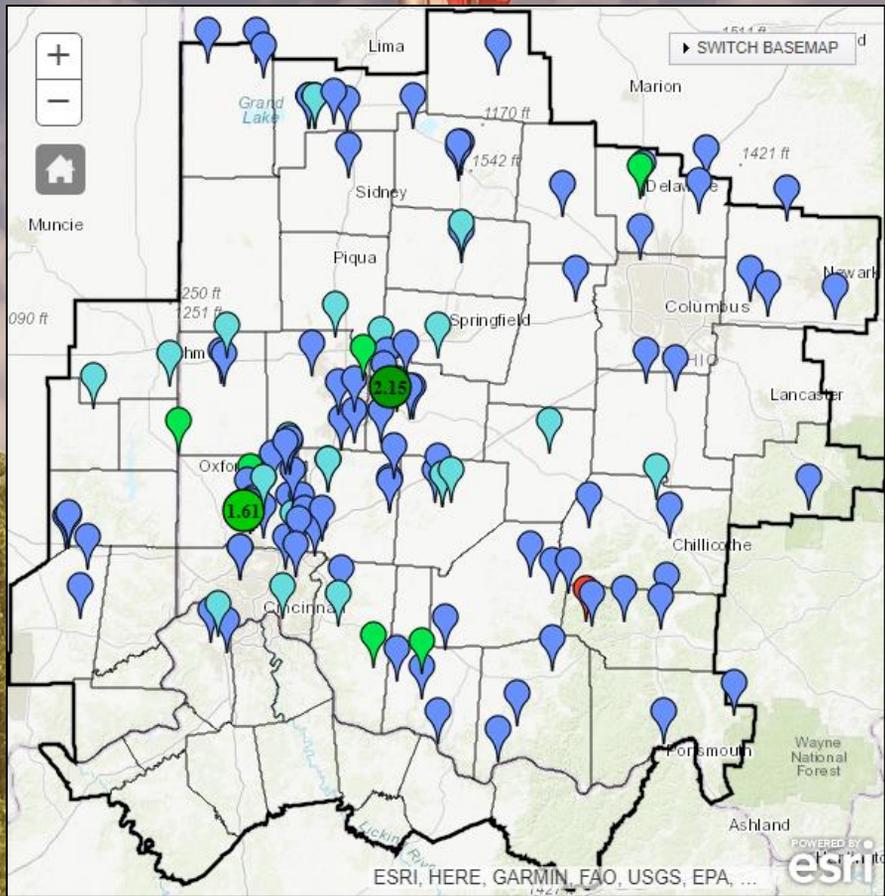
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|---------------------------------------------|-------------------------------------------------|----------------------------------------------------------------|------------------------------------------------------------------|
| <input checked="" type="checkbox"/> Tornado | <input checked="" type="checkbox"/> Hail | <input checked="" type="checkbox"/> Thunderstorm Wind Gust | <input checked="" type="checkbox"/> Thunderstorm Wind Damage |
| <input checked="" type="checkbox"/> Flood | <input checked="" type="checkbox"/> Flash Flood | <input checked="" type="checkbox"/> Non-Thunderstorm Wind Gust | <input checked="" type="checkbox"/> Non-Thunderstorm Wind Damage |



Severe Weather

Several lines of severe storms moved through the area on June 13th. The first line developed in Indiana and moved from west to east along and south of I-70, causing straight-line damage over a widespread area from the Tristate into southern Ohio (officially classified as a derecho). A few hours later closer to midnight, a second line of storms developed over southern Michigan and moved through central Ohio. Once again, wind damage resulted in numerous power outages. Power outages were especially impactful due to ongoing heat outbreak.

June 13th



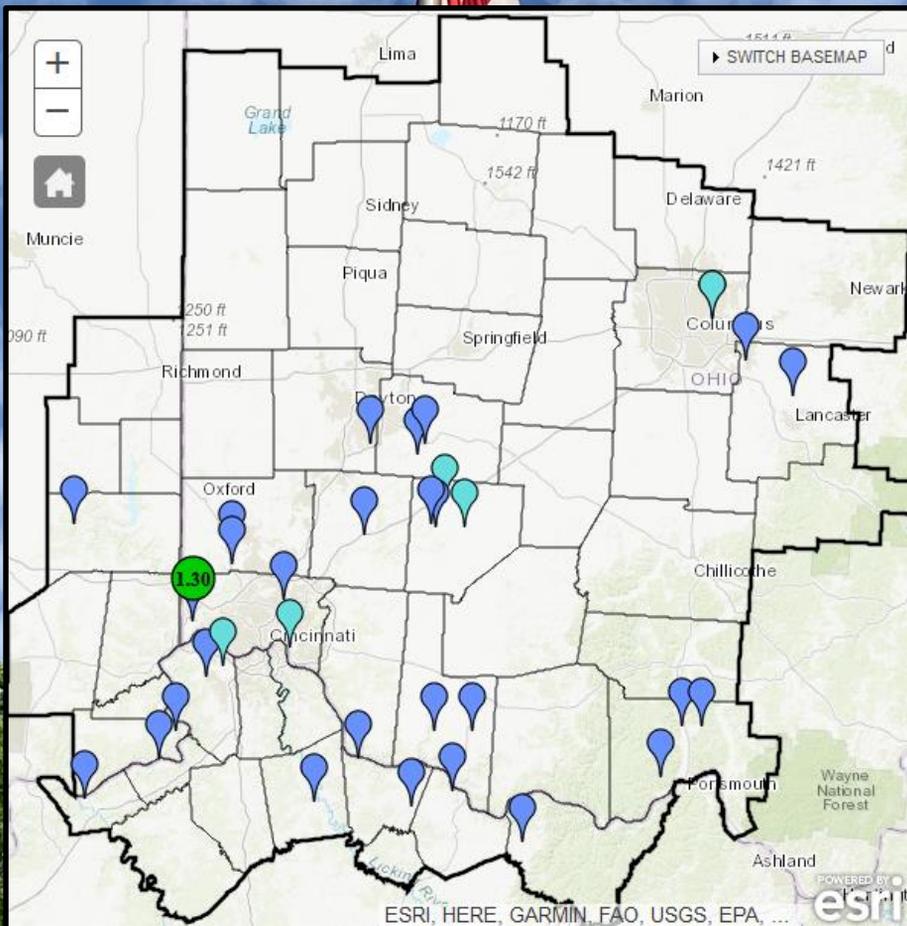
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| <input checked="" type="checkbox"/> Flood | <input checked="" type="checkbox"/> Flash Flood | <input checked="" type="checkbox"/> Non-Thunderstorm Wind Gust | <input checked="" type="checkbox"/> Non-Thunderstorm Wind Damage |



Severe Weather

Thunderstorms developed during the afternoon hours along a cold front that moved south across the Ohio Valley. Damaging winds occurred with several of these storms.

June 22nd



LOCAL STORM REPORTS:

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| <input checked="" type="checkbox"/> Flood | <input checked="" type="checkbox"/> Flash Flood | <input checked="" type="checkbox"/> Non-Thunderstorm Wind Gust | <input checked="" type="checkbox"/> Non-Thunderstorm Wind Damage |



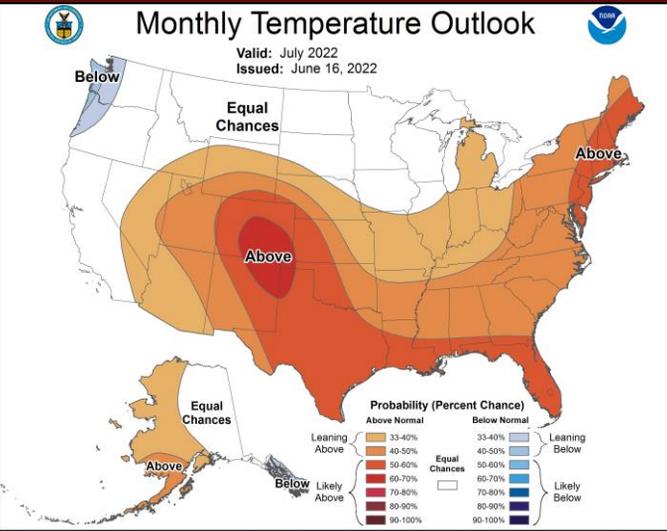
July Outlook

The latest outlook from the Climate Prediction Center favors above normal temperature values and equal chances for above normal, below normal or near normal precipitation values for July.

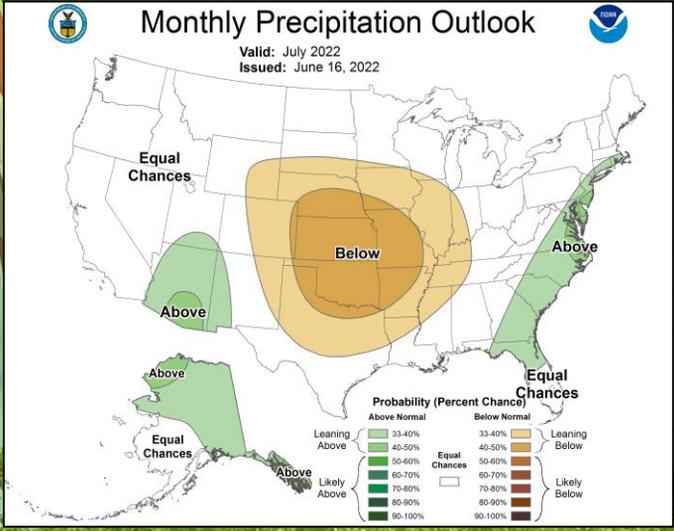
Site	Normal Avg Temp (°F)	Normal High (°F)	Normal Low (°F)
Cincinnati (CVG)	75.9	86.0	65.9
Columbus (CMH)	75.4	85.4	65.4
Dayton (DAY)	76.0	85.9	66.1

Site	Normal Precipitation (in.)	Normal Snowfall (in.)
Cincinnati (CVG)	3.83	0.0
Columbus (CMH)	4.67	0.0
Dayton (DAY)	3.95	0.0

Upcoming Temperature Outlook



Upcoming Precipitation Outlook



July-September Outlook

A La Niña advisory remains in effect. According to the Climate Prediction Center, La Niña is favored to continue, however the odds for La Niña decrease into the late Northern Hemisphere summer (52% chance in July-September 2022). They then increase slightly for the fall and early winter (58-59%).

There is an increased likelihood of above normal temperatures through the July to September timeframe. There are equal chances of above, below, and normal precipitation through this same time frame.

Three-Month (JAS) Temp. Outlook

Three-Month (JAS) Precip. Outlook

