



NWS Wilmington, Ohio June 2023 Regional Climate Summary

Regional Climate Summary

June followed May with a repeat of below normal temperatures and below normal precipitation for much of the region. After starting very summer-like with temperatures in the 90s, an abnormal jet-stream pattern provided multiple weeks of below normal temperatures. Precipitation amounts brought relief to the spreading drought, but it has not been completely defeated for some parts of the area.

Temperatures

The month started warm across the region, with all climate sites observing temperatures in the upper 80s and lower 90s. In fact, these were the first 90 degree days observed this year. However, the heat wouldn't last long.

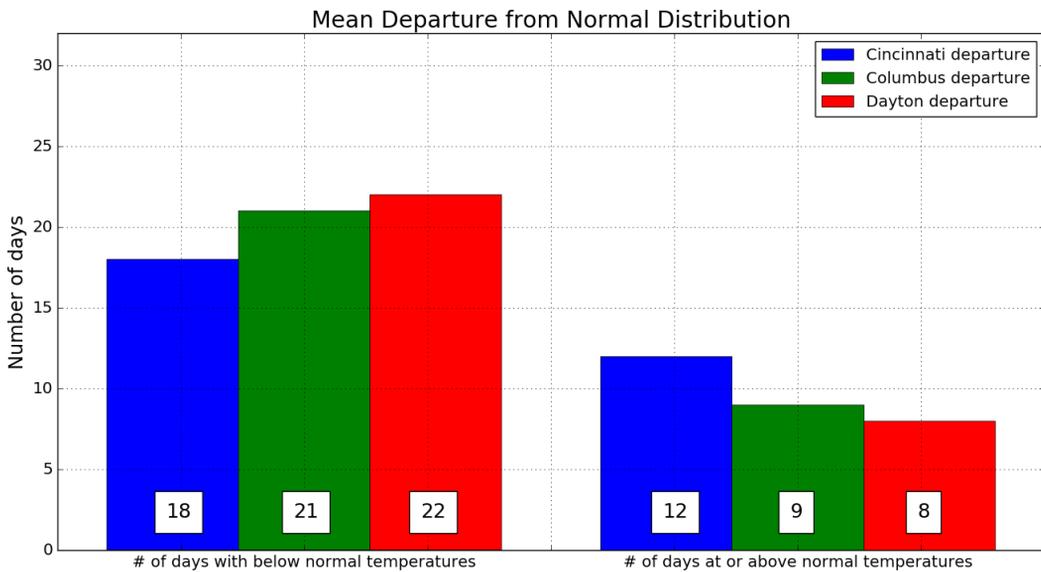
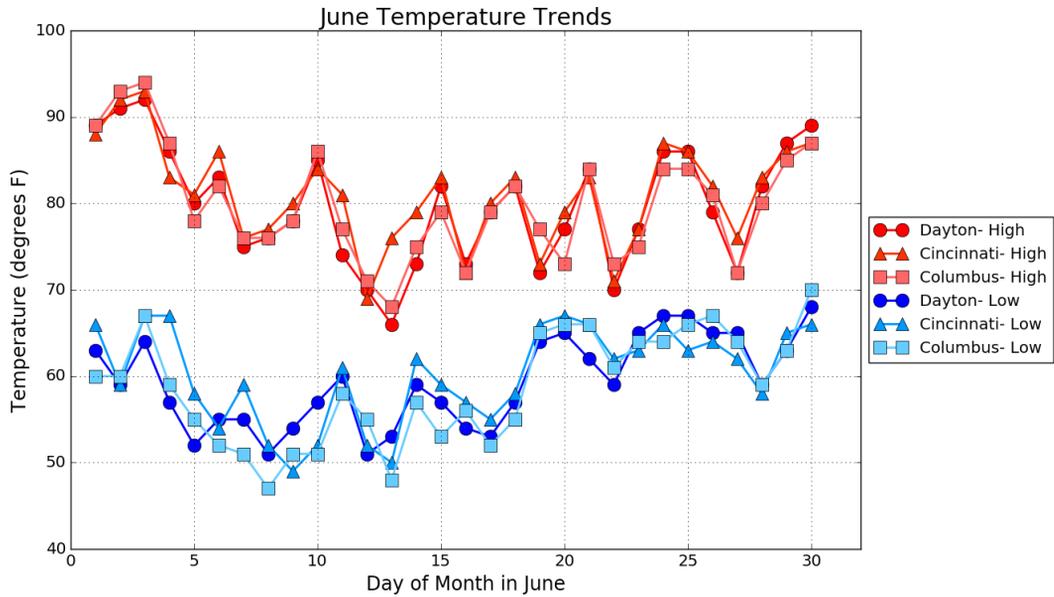
Starting the 2nd week of the month, cooler air arrived for a large portion of the month, when most climate sites observing below normal average temperatures from the 7th through the 20th. After a couple days near to slightly above normal, another cooler period arrived.

The month of June concluded with a few days near to slightly above normal. With all of the cool days throughout the middle portion of the month, all three climate sites observed below normal temperatures for the month. Looking back, this was the coldest June month in over 15 years. The last time the month of June was this cool was in 2006.

Site	Avg Temp (°F)	Avg High Temp (°F)	Avg Low Temp (°F)	Departure From Normal (°F)	Maximum Temperature (°F)	Minimum Temperature (°F)
Cincinnati (CVG)	70.6	81.1	60.2	-1.7	93 on 3 rd	49 on 9 th
Columbus (CMH)	69.3	79.9	58.7	-2.6	94 on 3 rd	47 on 8 th
Dayton (DAY)	69.6	79.8	59.3	-3.1	92 on 3 rd	51 on 8 th , 12 th



Temperatures (Continued)



Precipitation

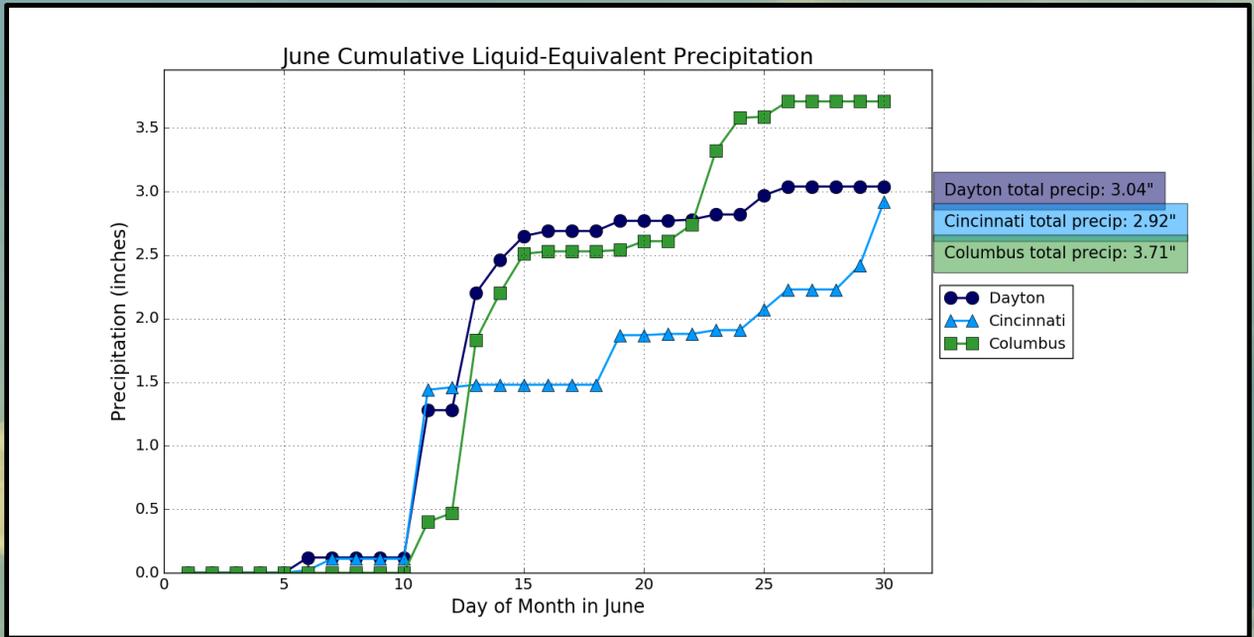
Despite the change of air mass and temperatures during the first portion of the month, no appreciable rain fell until the 11th. With the end of May and the beginning of June so dry, Moderate Drought was declared across much of the region. During the second week of June, all three sites observed their first 1"+ rainfall events in over a month. For Columbus, the last event occurred on May 12th. For Cincinnati, the last event occurred on May 7th. For Dayton, the last event occurred on April 5th. While it was welcoming to see these long streaks come to an end, ultimately, the month of June would still end up below average.

Moderate Drought would be trimmed away throughout the month as slightly more frequent occurrences of rain provided relief to the region. At the conclusion of the month, the driest areas remain across the Ohio River Area, including the Tri-State. The I-70 corridor across central Ohio saw the best relief, with Abnormally Dry conditions removed as well.

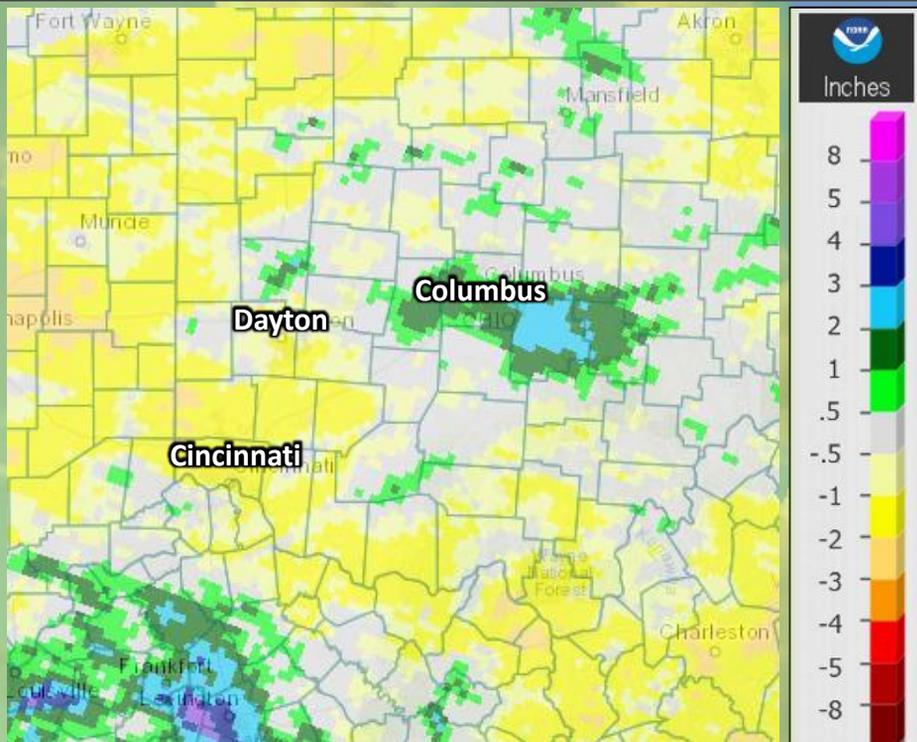
Site	Total Precipitation (in.)	Departure From Normal (in.)	Max Daily Precipitation (in./date)	
Cincinnati (CVG)	2.92	-1.83	1.33	11 th
Columbus (CMH)	3.71	-0.62	1.36	13 th
Dayton (DAY)	3.04	-1.10	1.16	11 th



Precipitation (Continued)

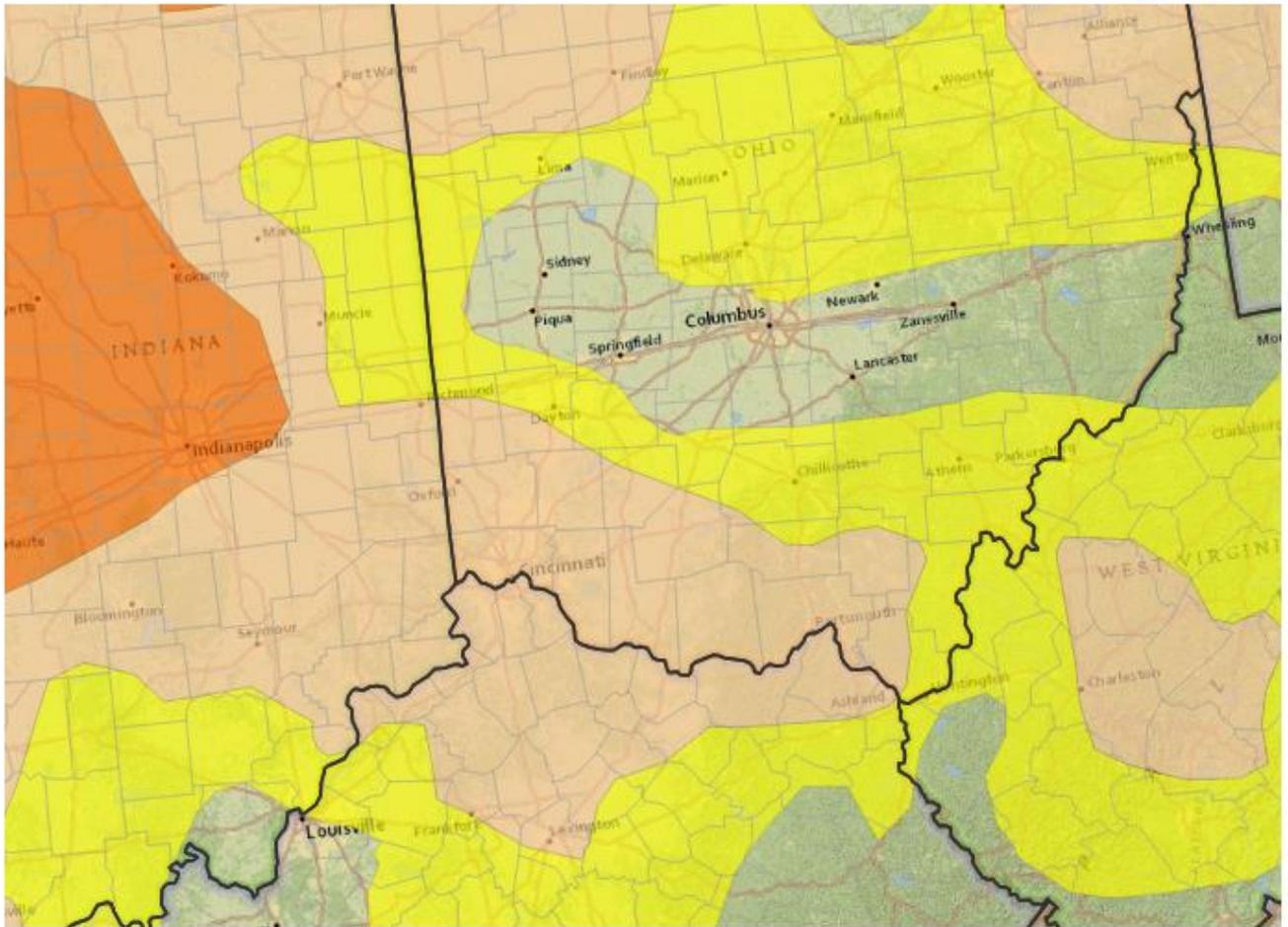


June Precipitation Departure From Normal (In.)



Precipitation (Continued)

U.S. Drought Monitor



Basemap Sources: National Geographic, Esri, Garmin, HERE, UNEP-WCMC, USGS, NASA, ESA, METI, NRCAN, GEBCO, NOAA,

U.S. Drought Monitor

INCREMENT P



D0

D1

D2

D3

D4

Source(s): NDMC, NOAA, USDA

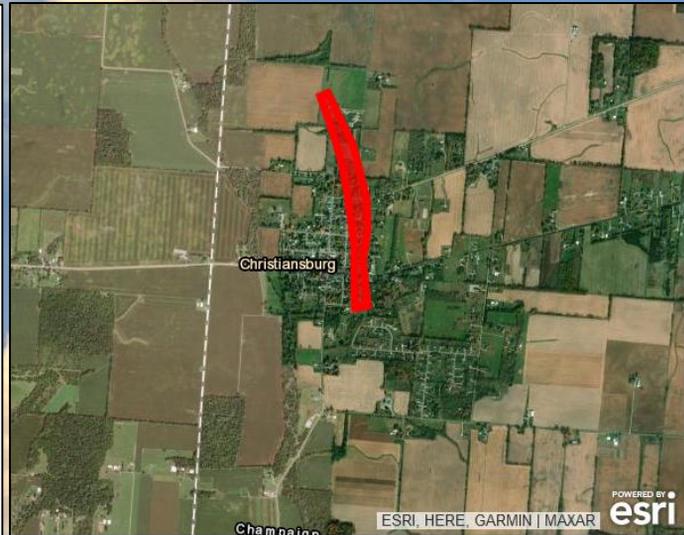
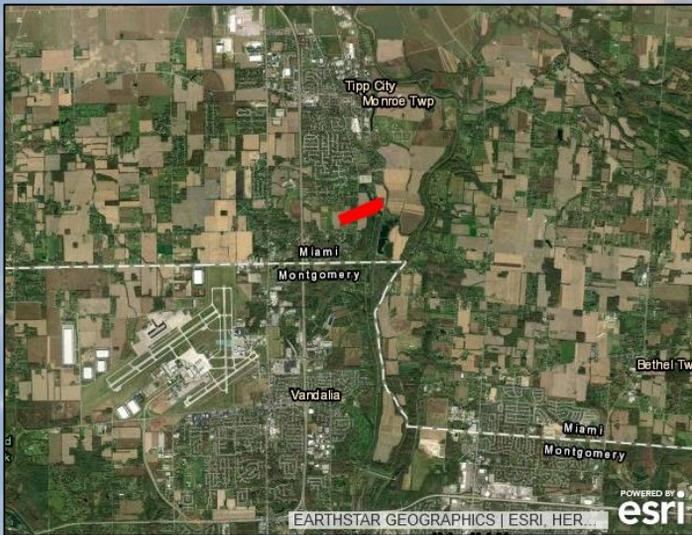
Data Valid: 06/27/23

[Drought.gov](https://www.drought.gov)



Severe Weather

Isolated damaging wind occurred on the 3rd. Two EF0 tornadoes (depicted below) occurred along with some damaging winds on the 11th. Storms moved across the region during the evening hours of the 15th. Some damaging wind and hail reports occurred near and north of I-70. While most of the severe weather stayed to the north, west, and south of the region, large hail and damaging winds did occur on the 25th southwest of Cincinnati. There was an active end to the month with damaging winds on the 29th and 30th.



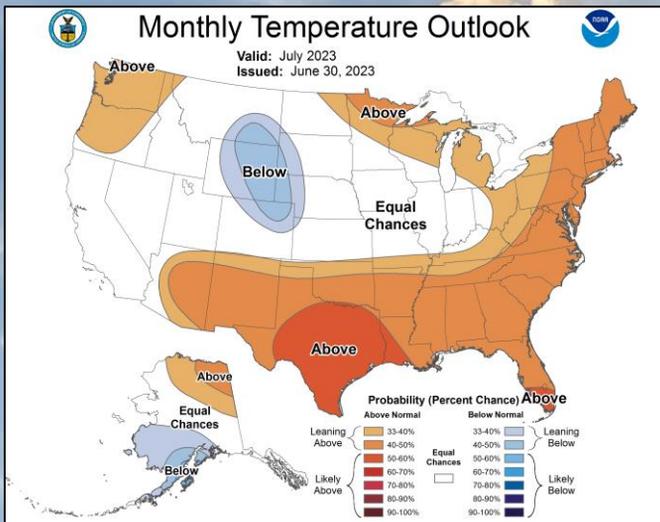
July Outlook

The latest outlook from the Climate Prediction Center calls for an increased likelihood of above normal precipitation and above normal temperatures across portions of the region.

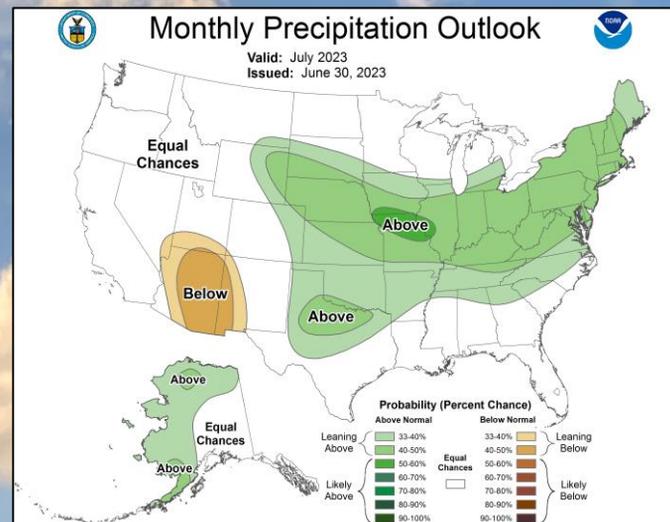
Site	Normal Avg Temp (°F)	Normal High (°F)	Normal Low (°F)
Cincinnati (CVG)	75.9	86.0	65.9
Columbus (CMH)	75.4	85.4	65.4
Dayton (DAY)	76.0	85.9	66.1

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

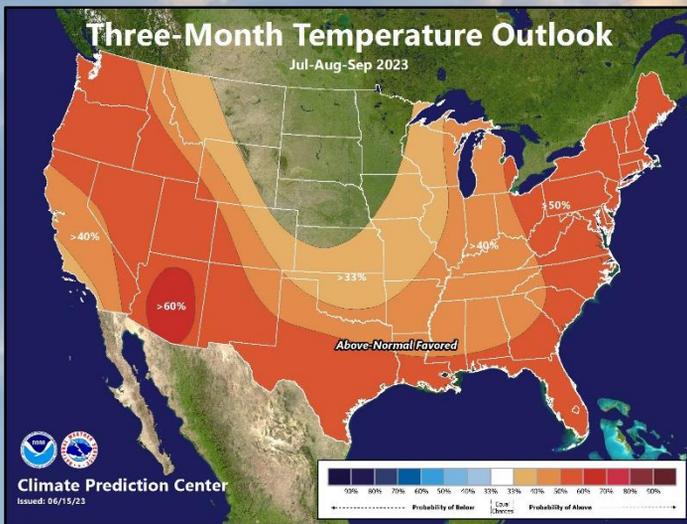


July-September

An El Niño Advisory is in effect. El Niño conditions are present and are expected to strengthen into the winter months.

The entire region has an increased likelihood of above normal temperatures for the July-September timeframe, while most of the region has equal chances of above normal, normal, and below normal precipitation.

Three-Month (JAS) Temp. Outlook



Three-Month (JAS) Precip. Outlook

