



NWS Wilmington, Ohio May 2024 Regional Climate Summary

Regional Climate Summary

May was another active month with severe weather. Several rounds of storms brought tornadoes, thunderstorm wind damage, hail, and flash flooding to the local area, particularly on the 7th into the 8th and again on the 26th into the 27th. Rainfall with the storm activity was spotty, as expected, with some locations receiving much above normal rainfall for the month while others were slightly below normal.

Temperatures

The month started out with above normal temperatures for the first week. A strong system that brought severe weather to the region on the 7th and 8th also brought with it cooler temperatures with many locations dropping below normal for the 10th through the 12th. Temperatures were slightly above normal for many locations from the 13th through the 18th. Temperatures continued to warm and were above normal up until the final few days of the month.

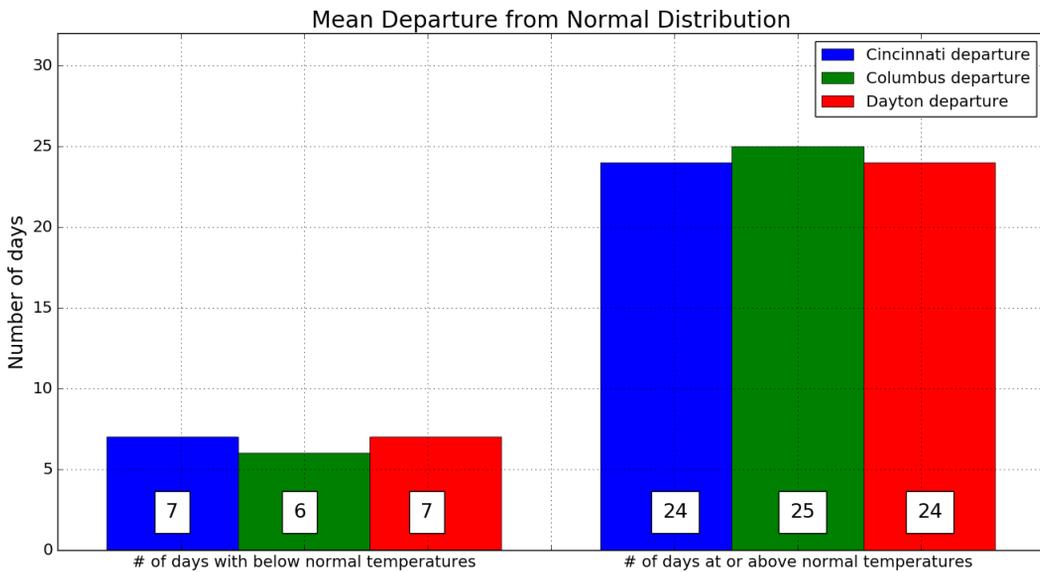
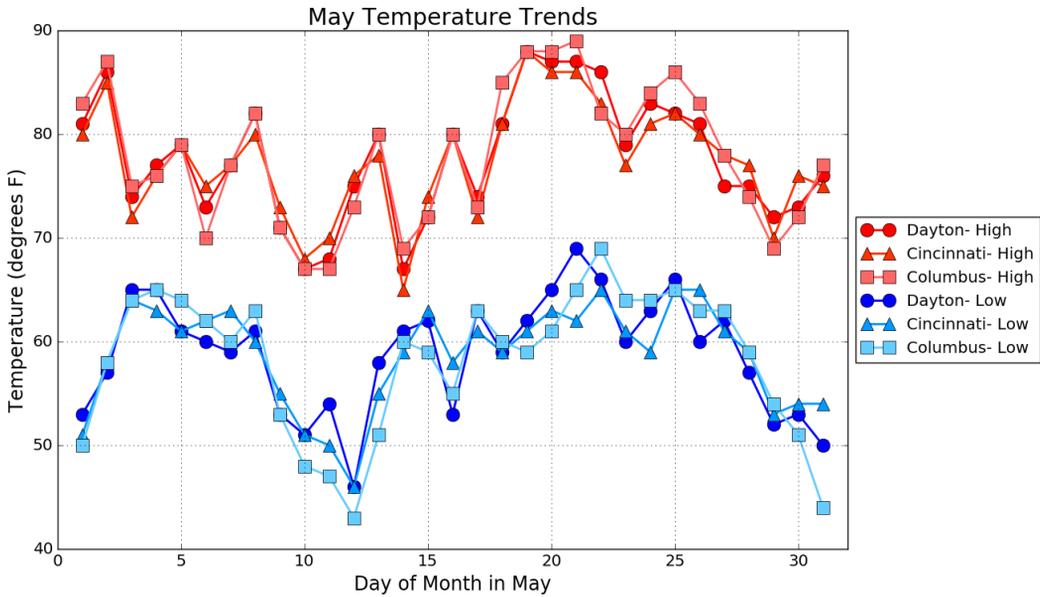
Overall, there were only a handful of days throughout the month that featured below normal daily average temperatures, and that occurred predominantly from the 10th through the 15th. Otherwise, both high and low temperatures were consistently 5-7 degrees above seasonal norms, with numerous days with highs in the lower 80s and lows in the lower 60s. Although there were no daily records at any of the climate sites, the persistence of temperatures that were at least 5 degrees above seasonal norms was notable.

There were 16 days in May at Cincinnati (CVG) where the temperature stayed at or above 60 degrees, tied for the 11th-most on record in May at the site. The 17 days at Columbus (CMH) and Dayton (DAY) were tied for the 4th-most in May at each respective site.

Site	Avg Temp (°F)	Avg High Temp (°F)	Avg Low Temp (°F)	Departure From Normal (°F)	Maximum Temperature (°F)	Minimum Temperature (°F)
Cincinnati (CVG)	68.1	77.4	58.7	+4.0	88 on 19 th	46 on 12 th
Columbus (CMH)	68.1	77.9	58.3	+4.8	89 21 st	43 on 12 th
Dayton (DAY)	68.3	77.7	58.9	+4.3	88 on 19 th	46 on 12 th



Temperatures (Continued)



Precipitation

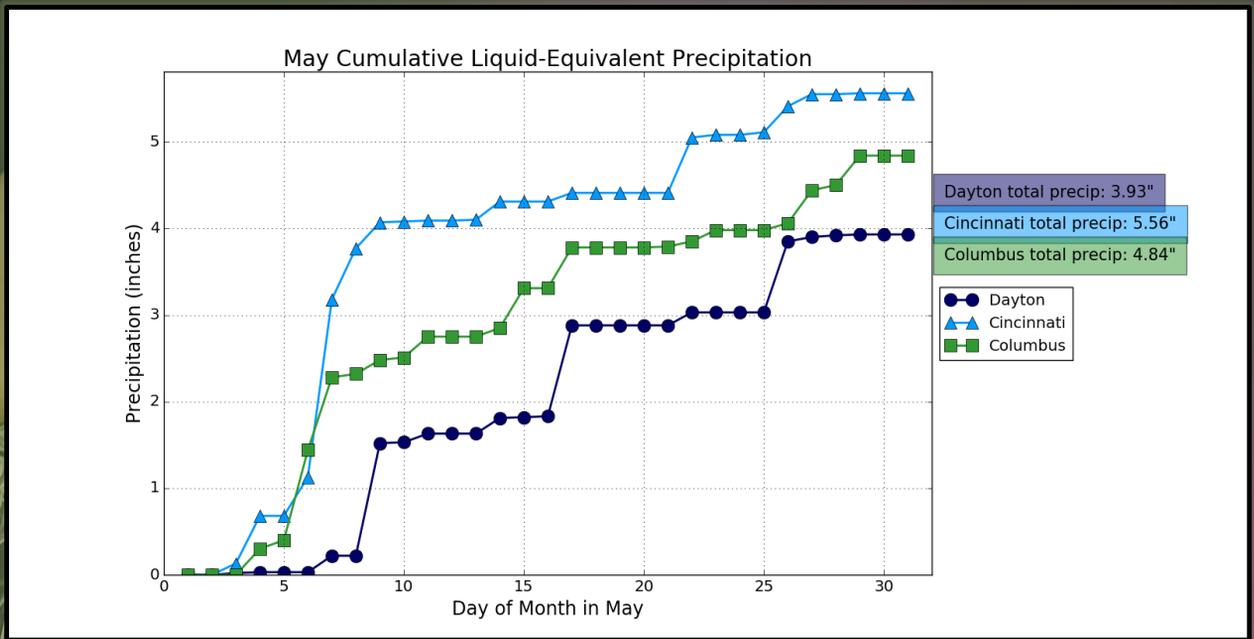
An active weather pattern was present for the first half of the month with many locations receiving above normal rainfall. Due to the convective nature of some of the rainfall, there were some days where locations received over an inch of precipitation. Due to heavy rainfall with several events, some localized flooding occurred in various locations on May 4th, 7th, 8th, and 15th.

For the 2nd half of the month, the pattern was somewhat drier, although there were several rounds of storms from the 22nd through the 27th where some locations again received in excess of an inch of rain and others received far less. Although there were no daily rainfall records set at any of the local climate sites, there was a stretch of 9 consecutive days from the 3rd through the 11th where rain was observed at Cincinnati (CVG).

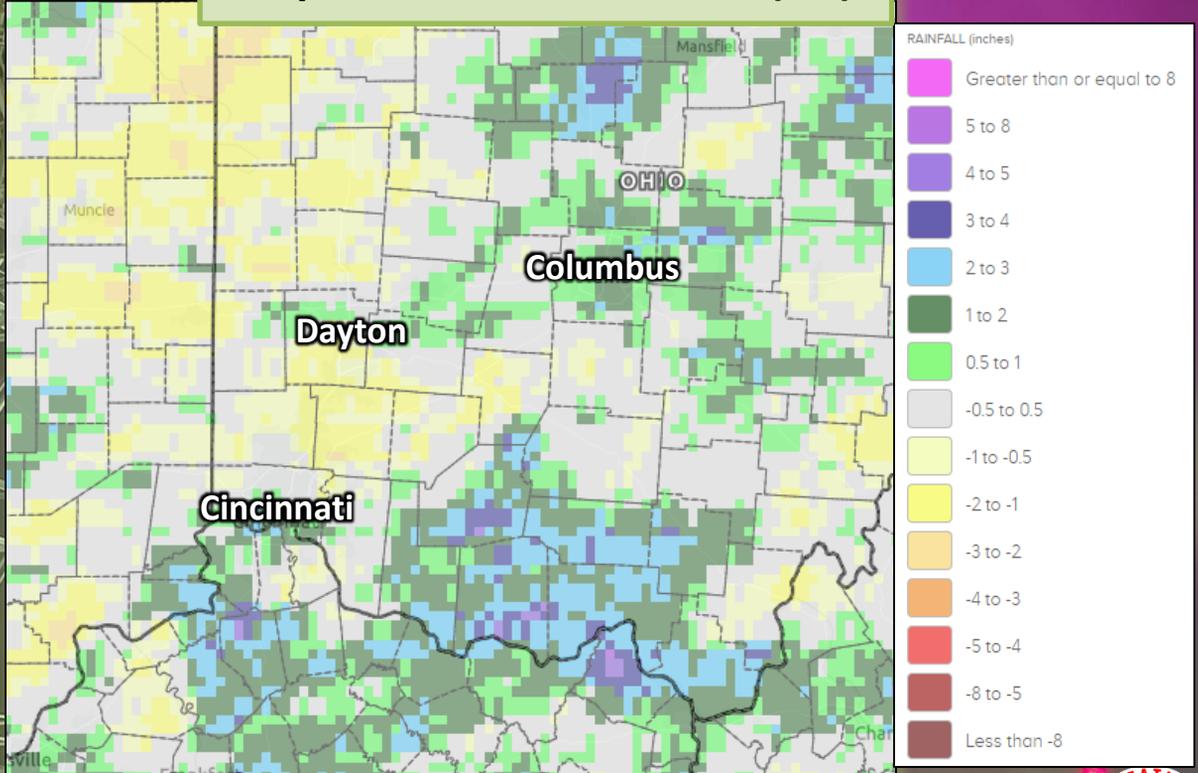
Site	Total Precipitation (in.)	Departure From Normal (in.)	Max Daily Precipitation (in./date)	Total Snowfall (in.)
Cincinnati (CVG)	5.56	+0.89	2.05 7 th	0
Columbus (CMH)	4.84	+0.85	1.04 6 th	0
Dayton (DAY)	3.93	-0.58	1.30 9 th	0



Precipitation (Continued)

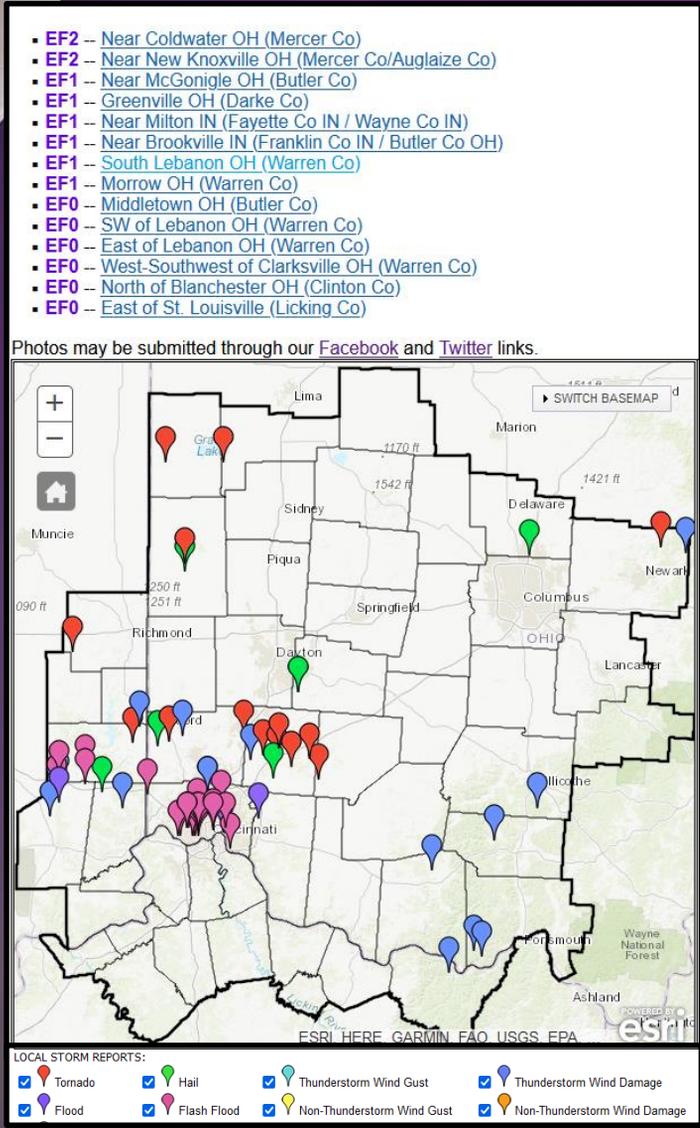


Departure from Normal (in.)



Severe Weather

A tornado touched down in Mercer County on May 4th. Widespread severe weather occurred from May 7th into the 8th including 14 tornadoes, thunderstorm wind damage, and hail. Flash flooding also occurred with this event and several days during the month. In addition to the severe weather from this event, isolated damaging wind also occurred on May 9th.

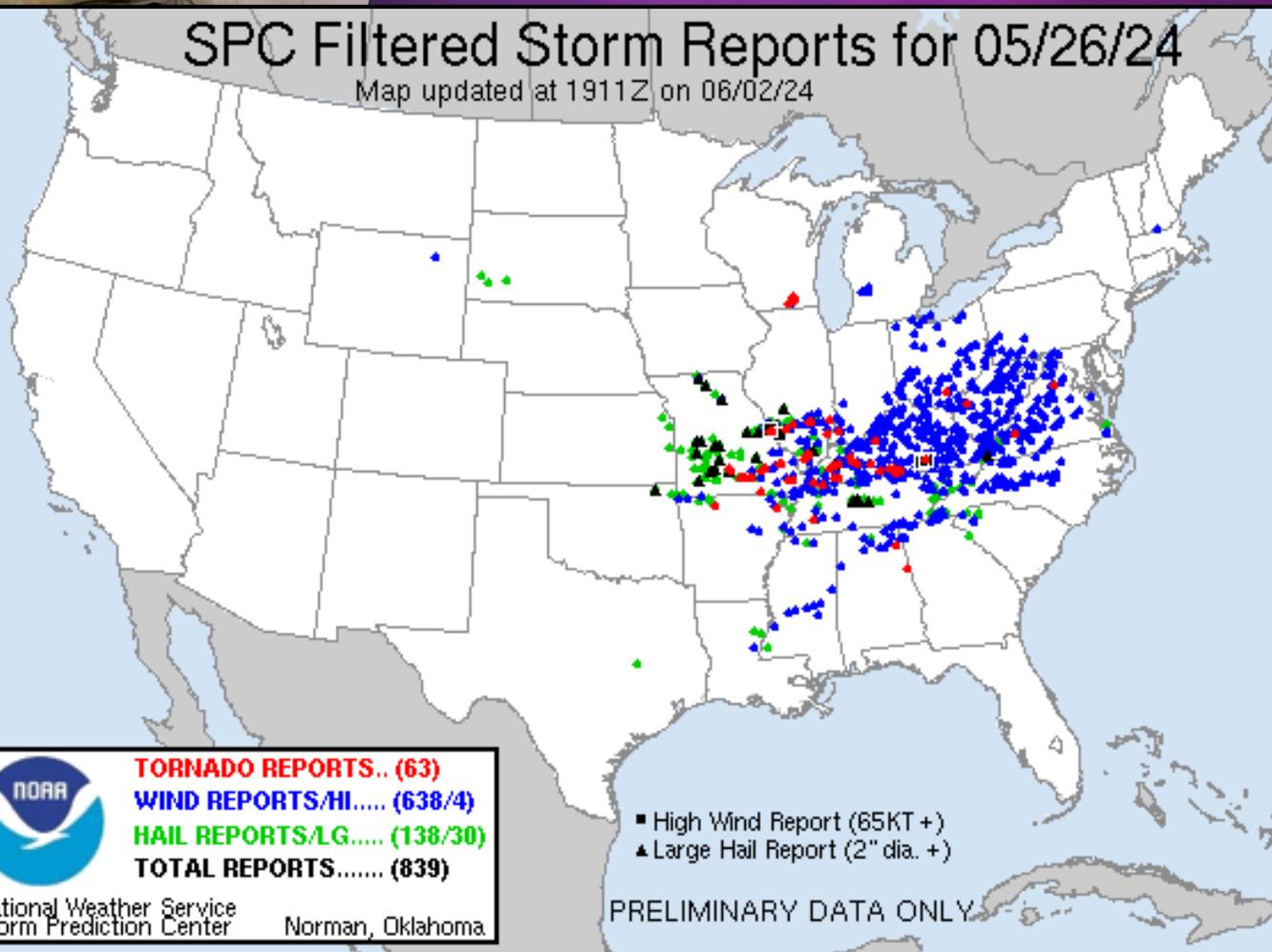


Severe Weather

On May 26th, a widespread damaging wind event occurred across the Ohio Valley. Scattered thunderstorms organized into a line of storms and moved across the Ohio Valley into the Mid-Atlantic, resulting in hundreds of damaging wind reports and a few tornadoes. Additional severe & tornadic storms developed across the lower Ohio Valley later in the evening, with the strongest storms remaining south of the local area.

SPC Filtered Storm Reports for 05/26/24

Map updated at 1911Z on 06/02/24



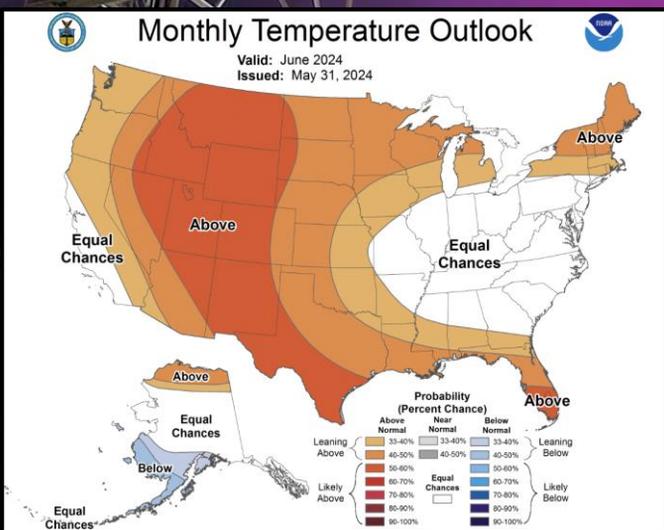
June Outlook

The latest outlook from the Climate Prediction Center (CPC) calls for equal chances for above normal, normal, and below normal temperatures and precipitation.

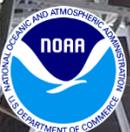
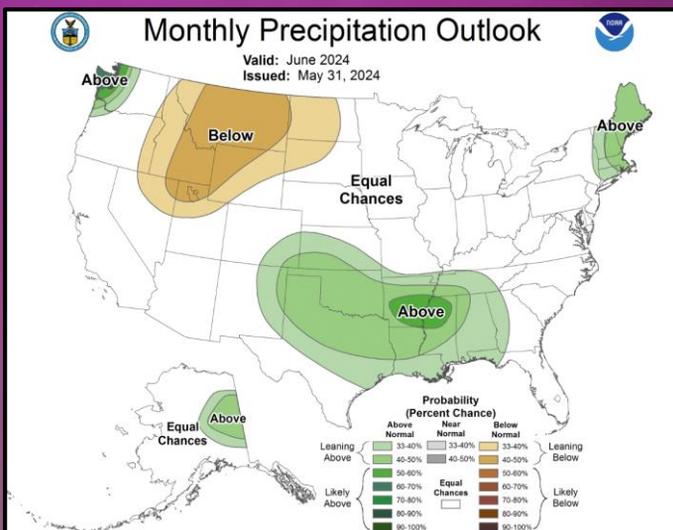
Site	Normal Avg Temp (°F)	Normal High (°F)	Normal Low (°F)
Cincinnati (CVG)	72.3°F	82.6°F	62.1°F
Columbus (CMH)	71.9°F	82.2°F	61.6°F
Dayton (DAY)	72.7°F	82.6°F	62.7°F

Site	Normal Precipitation (in.)	Normal Snowfall (in.)
Cincinnati (CVG)	4.75"	0.0"
Columbus (CMH)	4.33"	0.0"
Dayton (DAY)	4.14"	0.0"

Upcoming Temperature Outlook



Upcoming Precipitation Outlook



Summer June - August Outlook

There is an increased likelihood of above normal temperatures and precipitation during the June to August timeframe. According to the Climate Prediction Center, there is a 69% chance of a transition from ENSO-neutral to La Niña conditions by July-September 2024. The odds of La Niña continuing into the winter (December 2024 –February 2025) is likely at 85%.

Three-Month (JJA) Temp. Outlook

Three-Month (JJA) Precip. Outlook

