



# NWS Wilmington, Ohio July 2022 Regional Climate Summary

## Regional Climate Summary

***The month of July remained active with several notable severe weather events and variable temperatures throughout. While there were periods of dry weather, most locations ended the month with above normal precipitation due in large part to a couple very heavy rainfall events.***

# Temperatures

*Above normal temperatures in the 90s started out the month and above normal temperatures continued for much of the first week of the month. Through the remainder of the month there was mixture of above normal and below normal temperatures, however the departure was never very far from normal. Due to this, although the month in general finished above normal in most locations it was still pretty close to normal.*

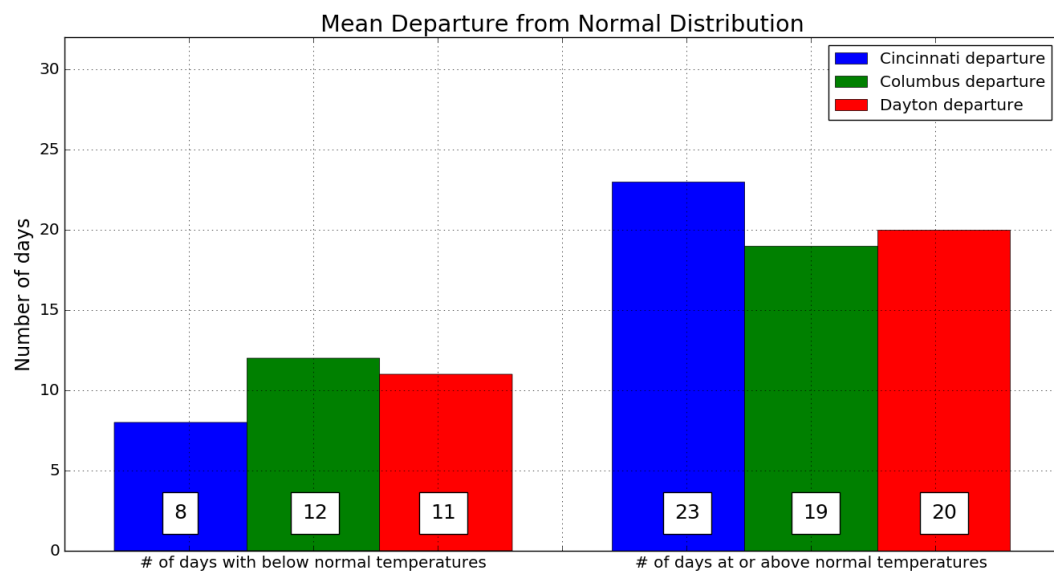
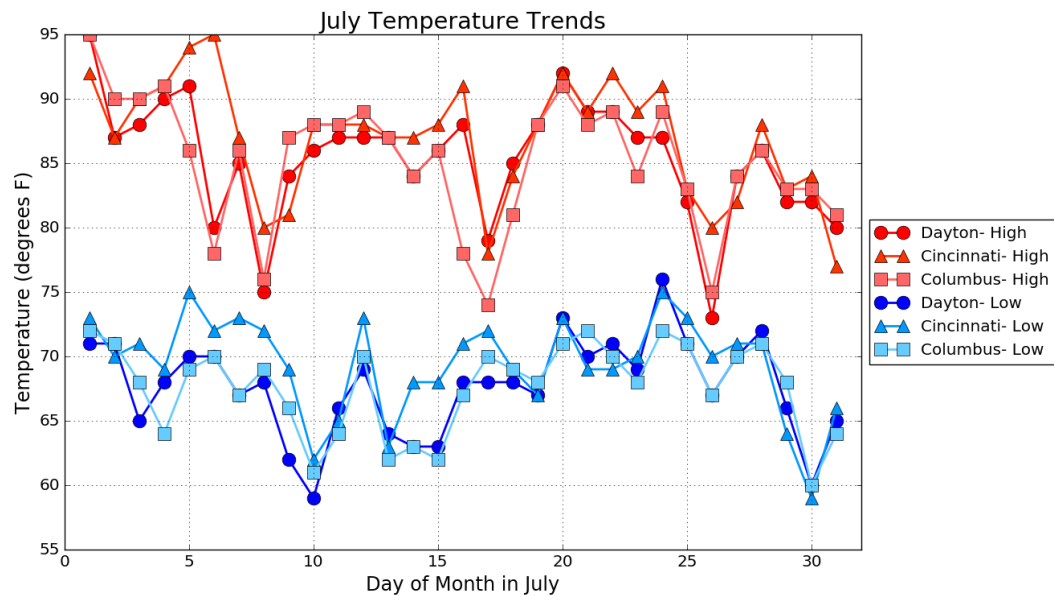
*High temperatures on a majority of the days were in the 80s and 90s with lows on many days in the 60s and 70s.*

*There was one record high minimum temperature tied at Dayton, Ohio. The low temperature on July 24<sup>th</sup> at Dayton was 76. This tied the warmest low on record for the site for July 24<sup>th</sup>. A low of 76 also occurred in 2001.*

Site	Avg Temp (°F)	Avg High Temp (°F)	Avg Low Temp (°F)	Departure From Normal (°F)	Maximum Temperature (°F)	Minimum Temperature (°F)
Cincinnati (CVG)	78.2	86.9	69.4	+2.3	95 on 6 <sup>th</sup>	59 on 30 <sup>th</sup>
Columbus (CMH)	76.4	85.1	67.6	+1.0	95 on 1 <sup>st</sup>	60 on 30 <sup>th</sup>
Dayton (DAY)	76.5	85.3	67.6	+0.5	95 on 1 <sup>st</sup>	59 on 10 <sup>th</sup>



# Temperatures (Continued)



# Precipitation

*To start out the month through the 4<sup>th</sup> of July, precipitation varied quite a bit. While there were some locations that received a half inch to even over an inch of rainfall, other locations stayed dry or received only a few hundredths.*

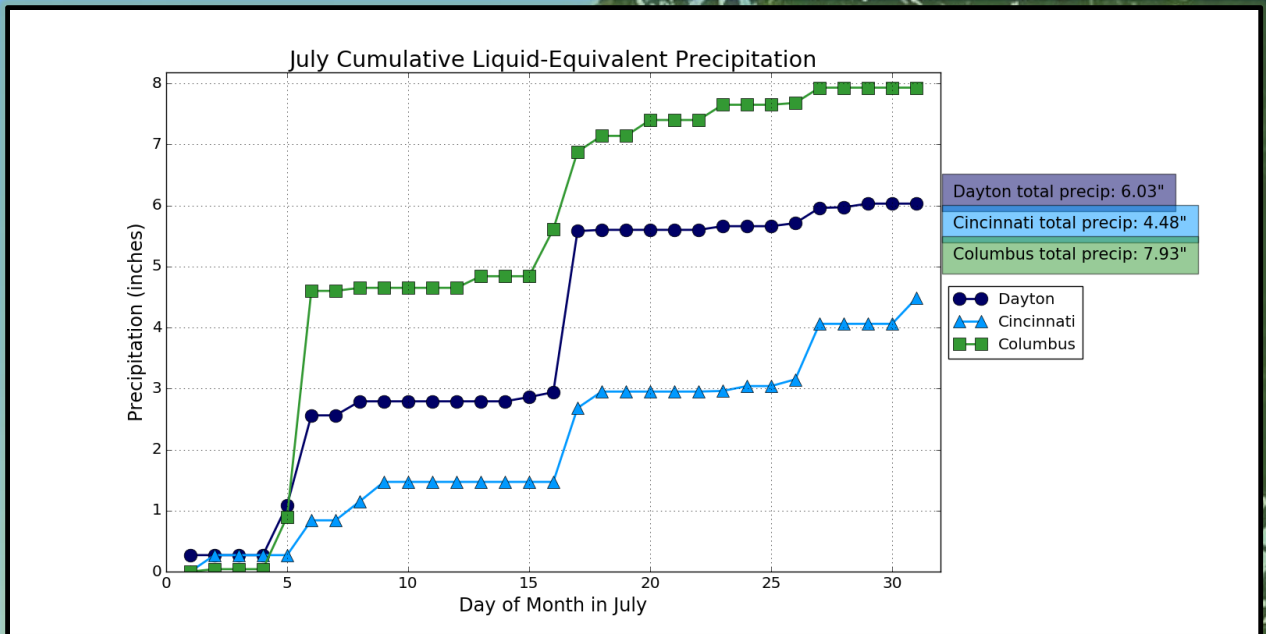
*Variations in rainfall continued for the remainder of the month, however in general most locations received above normal rainfall for the month. Those locations that were below normal for the month were not far removed from normal values.*

*This above normal precipitation led to some flooding and also led to a couple of rainfall records during the month. A record rainfall of 3.70 inches was set at Columbus on July 6<sup>th</sup>. This broke the old record of 2.67 inches for the day set in 1955. A record rainfall of 2.64 inches was set at Dayton on July 17<sup>th</sup>. This breaks the old record for the day of 1.48 inches set in 1948.*

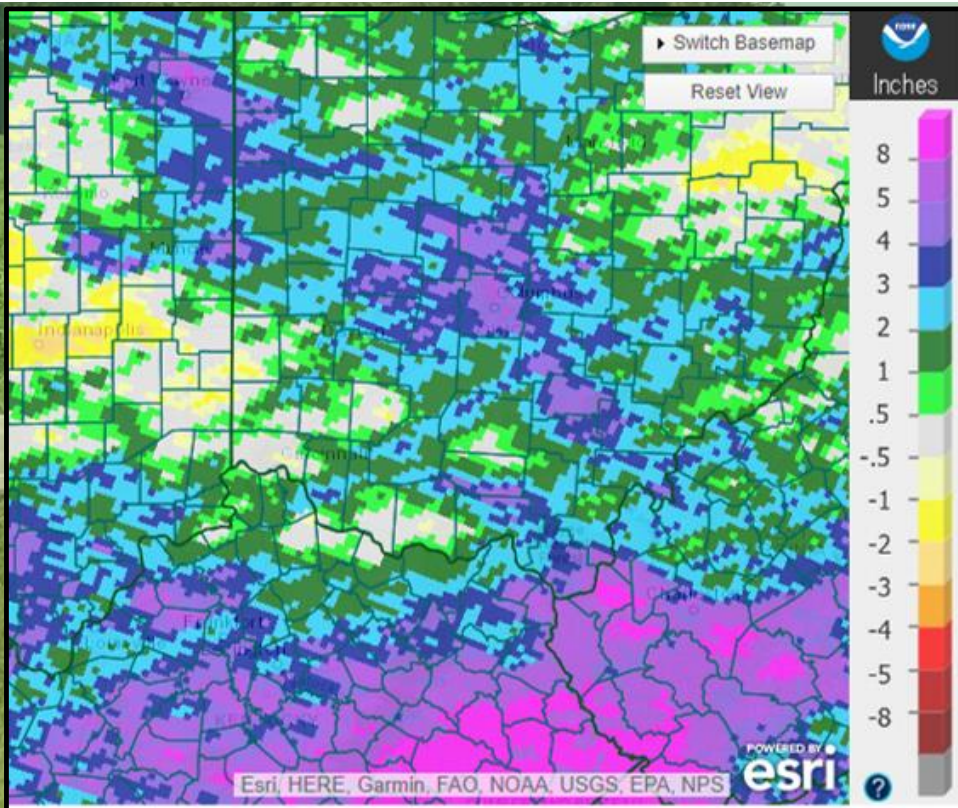
Site	Total Precipitation (in.)	Departure From Normal (in.)	Max Daily Precipitation (in./date)	
Cincinnati (CVG)	4.48	+0.65	1.21	17 <sup>th</sup>
Columbus (CMH)	7.93	+3.26	3.70	6 <sup>th</sup>
Dayton (DAY)	6.03	+2.08	2.64	17 <sup>th</sup>



# Precipitation (Continued)



## July Monthly Precipitation Departure From Normal (In.)





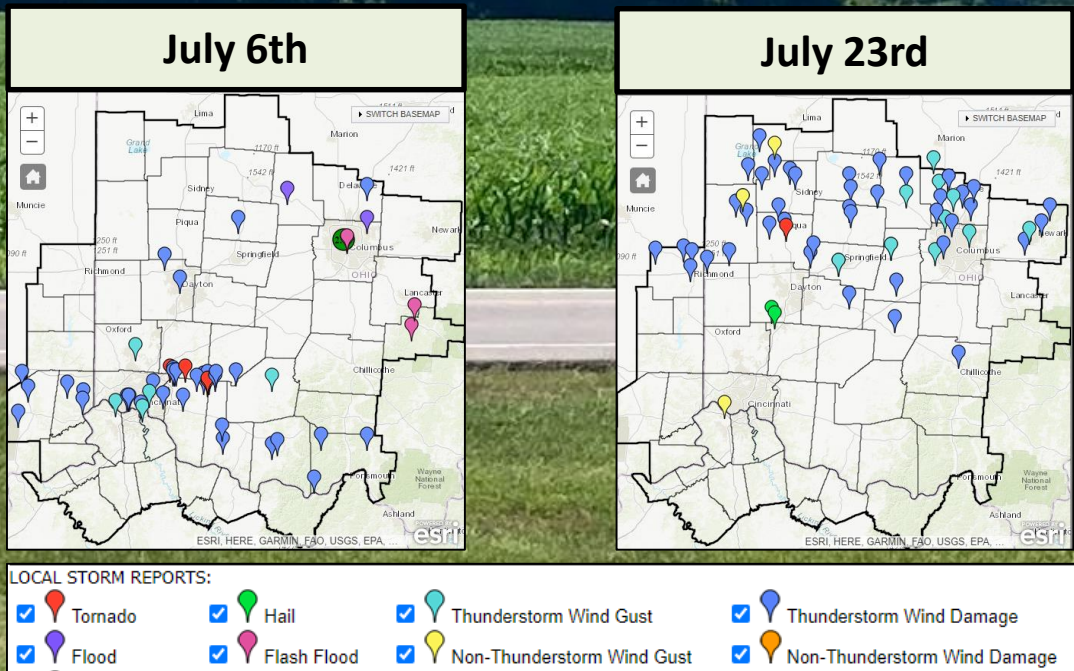
# Severe Weather

*Several weather events occurred during the month of July. This included the severe weather and flooding of July 6<sup>th</sup>, severe weather on July 17<sup>th</sup>, and severe weather on July 23<sup>rd</sup>.*

*Early in the morning on July 6<sup>th</sup>, a band of training storms moved from northeast Indiana southeast through west-central Ohio and central Ohio, producing a swath of 2-6" of rain near this corridor. By the afternoon, a large complex of storms track east from central Indiana through east-central Indiana and the Tri-State area, producing large swaths of significant straight-line wind damage and a few tornadoes.*

*On July 17<sup>th</sup> an EF0 tornado occurred in Pickaway and Fairfield counties in Ohio near Circleville.*

*With the July 23<sup>rd</sup> severe weather there were several damaging wind reports, especially near and north of I-70. In addition, an EF1 tornado occurred in Troy, Ohio.*



# August Outlook

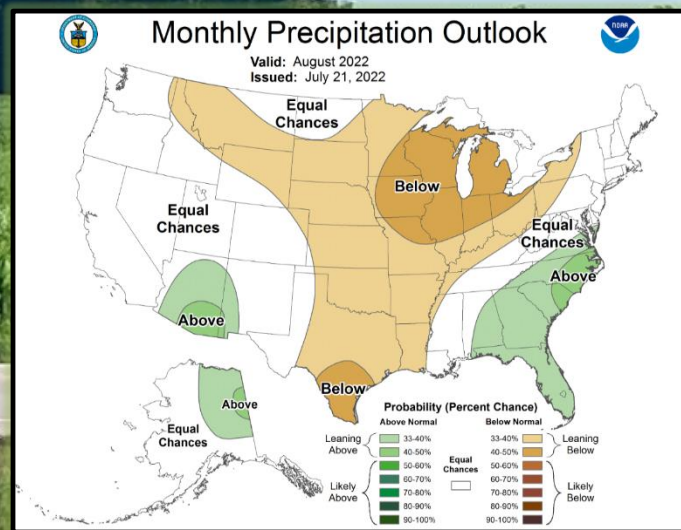
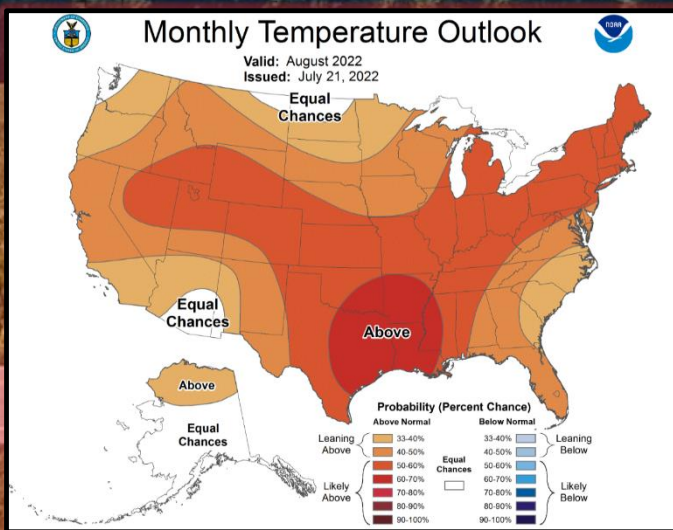
*The latest outlook from the Climate Prediction Center calls for an increased likelihood of above normal temperatures. There is an increased likelihood of below normal precipitation.*

Site	Normal Avg Temp (°F)	Normal High (°F)	Normal Low (°F)
Cincinnati (CVG)	74.9	85.2	64.6
Columbus (CMH)	74.0	84.1	63.9
Dayton (DAY)	74.5	84.6	64.3

Site	Normal Precipitation (in.)	Normal Snowfall (in.)
Cincinnati (CVG)	3.43	0.0
Columbus (CMH)	3.74	0.0
Dayton (DAY)	2.96	0.0

## Upcoming Temperature Outlook

## Upcoming Precipitation Outlook



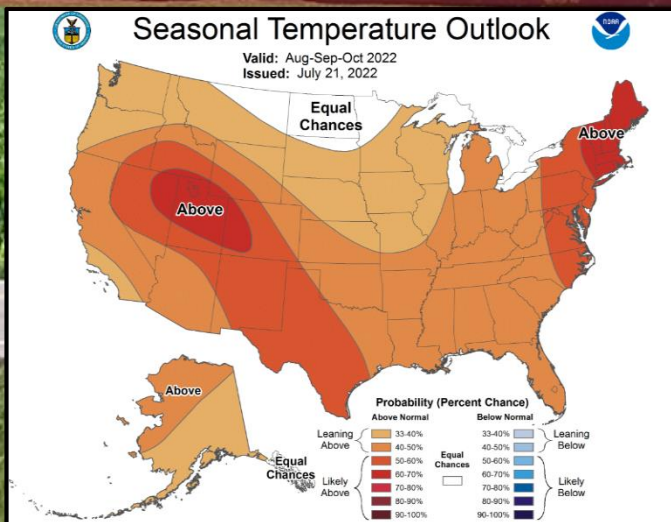


# August-October Outlook

*A La Niña advisory remains in effect. According to the Climate Prediction Center, La Niña is favored to continue through the late Northern Hemisphere summer (60% chance for August-September). They increase slightly for the fall and early winter months (62-66%).*

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

## Three-Month (ASO) Temp. Outlook



## Three-Month (ASO) Precip. Outlook

