

NWS Wilmington, Ohio June 2020 Regional Climate Summary

Regional Climate Summary

Although there were a few days which featured severe weather across the region, most notably on June 10th, the weather pattern for the month across the local area was one which featured slightly above normal temperatures and slightly below normal precipitation. Of course, there were select locations that due to heavy summertime downpours received near or even above normal precipitation. The drier pattern was particularly evident in parts of the Miami Valley and west-central Ohio where rainfall for the month totaled less than 2" in some spots.

Temperatures

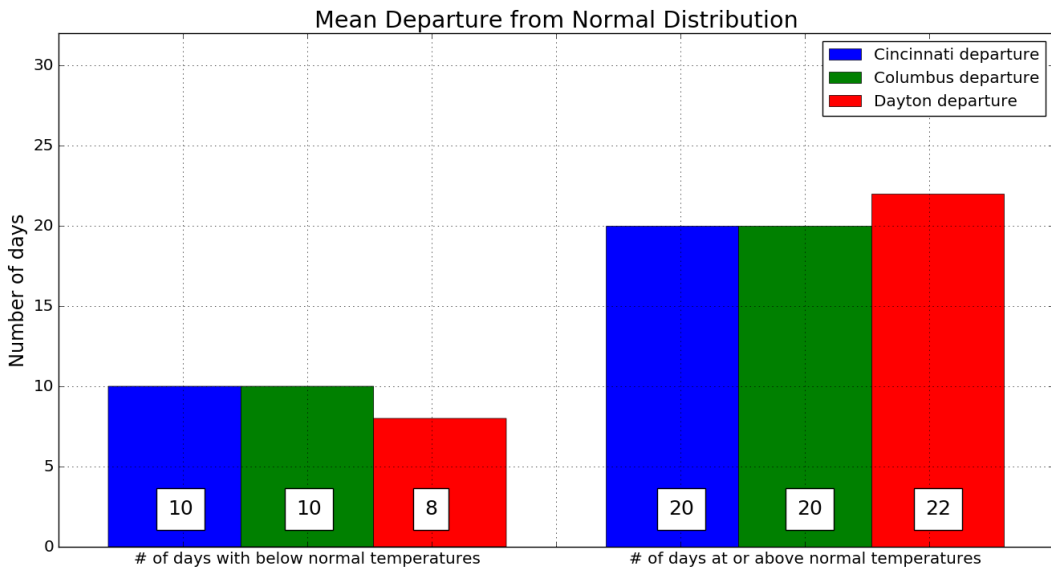
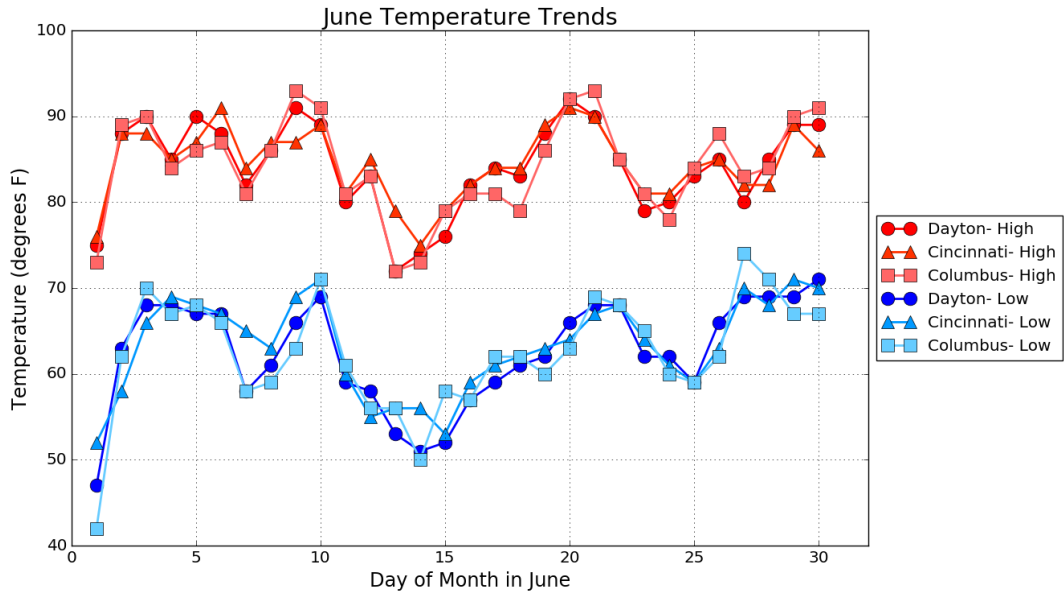
Although the first day of the month was below normal, a stretch of above normal temperatures followed. Dayton and Columbus both reached 90 degrees for the first time of the year on the 3rd and Cincinnati followed on the 6th. After the remnants of Tropical system Cristobal and the severe weather moved through, cooler air was ushered into the region. Near normal temperatures were present for the 11th and then below normal temperatures from the 12th to the 16th. A few days of near normal temperatures then were present, before warmer air returned to the region. This mix of above normal and below normal temperatures occurred through the second half of the month, however there were not any days that were significantly above or below normal. The temperature departure from normal at Dayton, Columbus, and Cincinnati during the second half of the month was less than ten degrees each day. No temperature records occurred at these three locations during the month of June.

High temperatures during the month generally ranged from the 70s to 90s with many days in the 80s. Low temperatures generally ranged from the 40s to 70s, however some area locations dropped down into the 30s at the start of the month.

Site	Avg Temp (°F)	Avg High Temp (°F)	Avg Low Temp (°F)	Departure From Normal (°F)	Maximum Temperature (°F)	Minimum Temperature (°F)
Cincinnati (CVG)	73.9°F	84.5°F	63.3°F	+ 1.8°F	91°F (Mult.)	52°F (06/01)
Columbus (CMH)	73.3°F	84.1°F	62.4°F	+ 1.8°F	93°F (Mult.)	42°F (06/01)
Dayton (DAY)	73.3°F	84.1°F	62.5°F	+ 2.7°F	92°F (06/20)	47°F (06/01)



Temperatures (Continued)



Precipitation

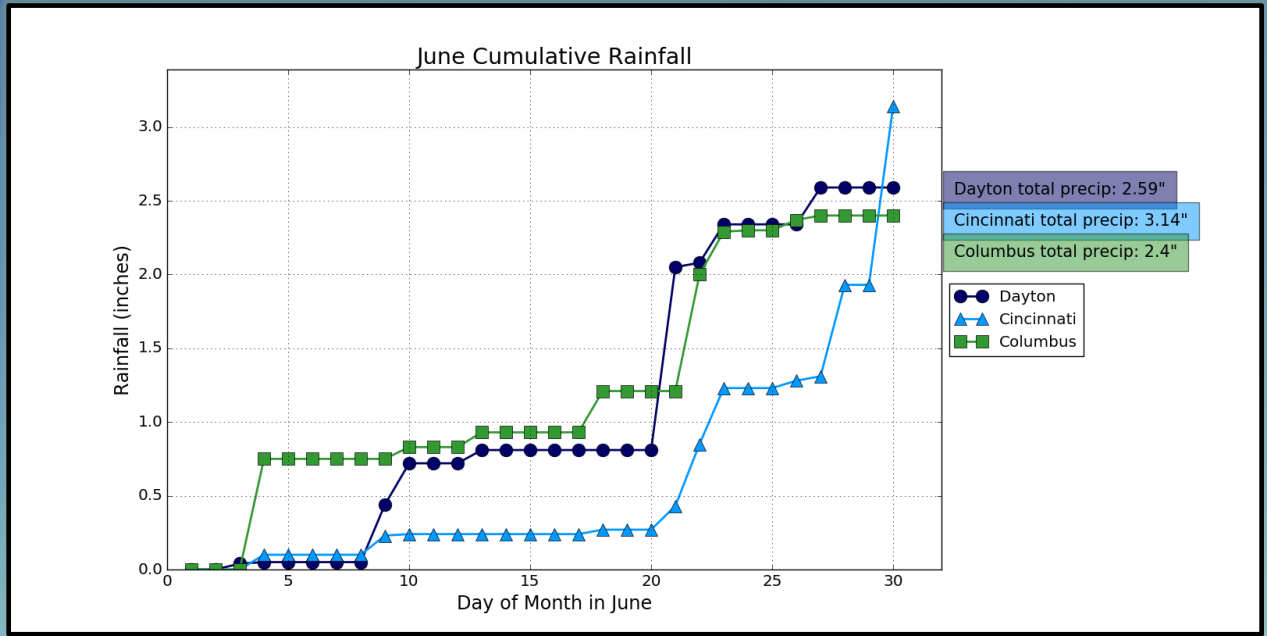
There was a mix of dry and wet days to start the month. Due to the scattered nature of thunderstorm activity precipitation values were highly variable across the area. Even though precipitation on the 10th was more widespread, some locations still only received minimal precipitation. In general through the first half of the month a majority of the area was near to below normal for precipitation. Cincinnati, Dayton, and Columbus airports all had less than an inch of rain. In fact, Cincinnati only had 0.24" of rainfall through the first 15 days of June. Dayton had 0.81" and Columbus had 0.93" for the same time period.

The uneven precipitation footprint continued for the 2nd half of the month. Although the precipitation footprint was uneven due to the nature of thunderstorms, there were more days in the second half of the month where precipitation occurred. Slow moving thunderstorms on the 30th led to the first flash flood warnings of the month and some locations received 2 to over 3 inches of rain in an hour or two.

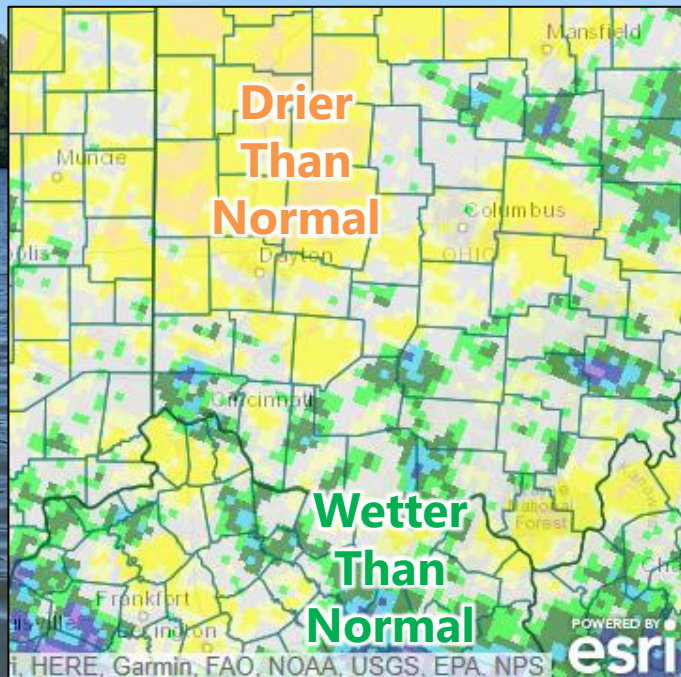
Site	Total Precipitation (in.)	Departure From Normal (in.)	Max Daily Precipitation (in./date)	
Cincinnati (CVG)	3.14"	- 0.89"	1.21"	06/30
Columbus (CMH)	2.40"	- 1.61"	0.79"	06/22
Dayton (DAY)	2.59"	- 1.58"	1.24"	06/21



Precipitation (Continued)



**June
Estimated
Precipitation
Departure
From Normal
(Inches)**



Severe Weather

June 3rd:

Thunderstorms developed in a west-to-east-oriented fashion during the late afternoon and into the evening hours. These thunderstorms produced multiple damaging wind gusts and wind damage north of the Ohio River.

June 4th:

Widespread thunderstorms developed during the day on the 4th. These storms produced damaging winds and large hail. Central Ohio saw some of the largest hail with hailstones upwards of 2 inches reported. Below is a picture of golf ball size hail near Marysville, Ohio

Photo Credit: Jennifer Narramore south of Marysville, Ohio



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Severe Weather

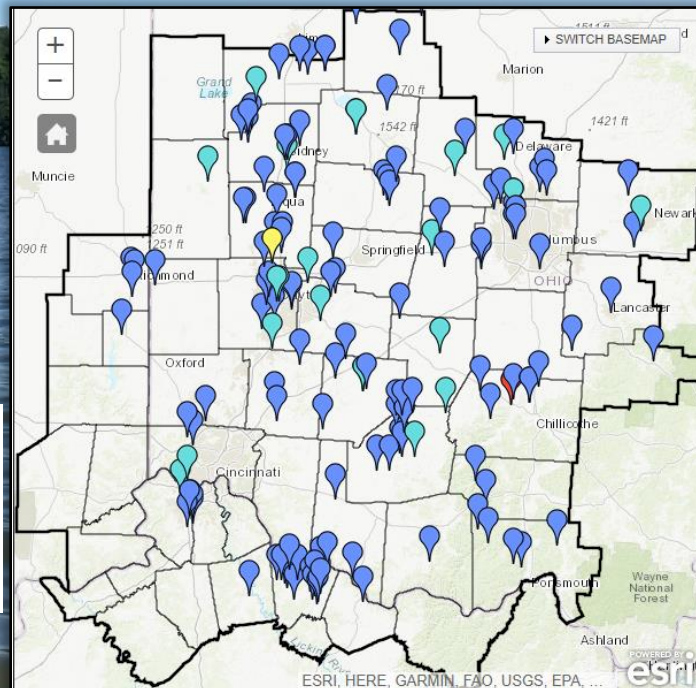
June 9th:

Scattered thunderstorms on the eastern periphery of the remnants of Tropical Storm Cristobal skirted the western parts of the local area, with thunderstorms developing from northern KY through west-central Ohio as they tracked northeast through the local area, which yielded scattered reports of wind damage

June 10th:

A more widespread severe weather event unfolded the next afternoon, on the 10th, as an unseasonably deep upper-level trof ejected east into the Ohio Valley amidst a very warm and tropically-moist airmass that had settled into the region. With unseasonably wind fields collocated with a seasonably unstable atmosphere, the environment was primed for widespread severe storms. Several linear clusters tracked east through the local area during the afternoon and evening, bringing with it widespread swaths of damaging wind and numerous observed reports of winds in the 50-65 MPH range. There were likely instances of even higher wind that were not directly sampled. The storms produced over 50 reports of wind damage throughout the local area. In addition an EF0 tornado occurred in Ross County Ohio during the event.

June 10th Severe Weather Reports →



LOCAL STORM REPORTS:

<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
<input checked="" type="checkbox"/> Other Report			

REPORTS WITH PHOTOS:

<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
<input checked="" type="checkbox"/> Other Report			



Severe Weather

June 21st: Clusters of thunderstorms developed and moved into the region during the afternoon and evening hours. Scattered damaging wind reports occurred with these storms across the area.

June 30th: Slow moving storms both during the overnight hours and later during the daytime hours brought pockets of very heavy rain to portions of the region. The first flash flood warnings of the month across the region occurred on the 30th. Over 3 ½ inches of rain occurred near Lebanon in about an hour.

**Complete Event Summaries Available at
[weather.gov/iln/events](https://www.weather.gov/iln/events)**



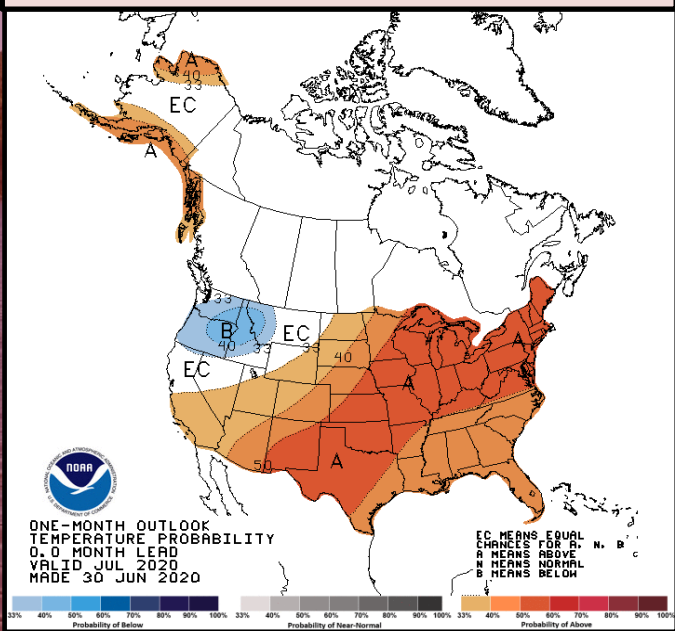
July Outlook

The latest outlook from the Climate Prediction Center (CPC) indicates favorable probabilities for above normal temperatures and near to slightly below normal precipitation for the month of July.

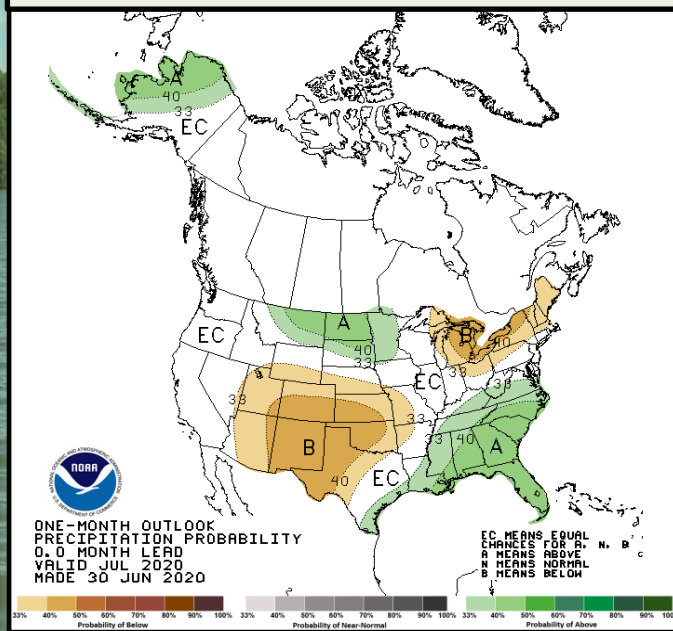
Site	Normal Avg Temp (°F)	Normal High (°F)	Normal Low (°F)
Cincinnati (CVG)	75.9°F	85.6°F	66.1°F
Columbus (CMH)	75.2°F	84.9°F	65.5°F
Dayton (DAY)	74.1°F	83.8°F	64.5°F

Site	Normal Precipitation (in.)	Normal Snowfall (in.)
Cincinnati (CVG)	3.76"	--
Columbus (CMH)	4.79"	--
Dayton (DAY)	4.11"	--

Upcoming Temperature Outlook



Upcoming Precipitation Outlook

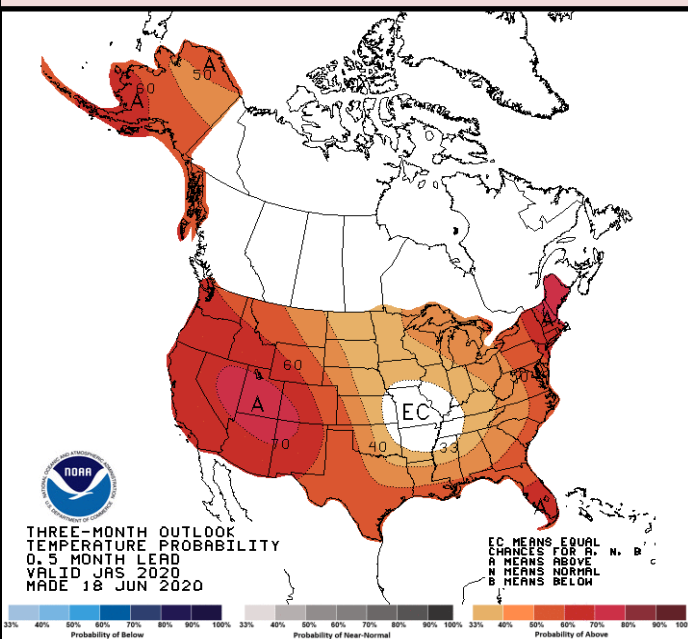


Late Summer/Early Fall Outlook

The latest outlook from the Climate Prediction Center (CPC) indicated favorable probabilities for above normal temperatures from July through September just about where across not only the Ohio Valley, but pretty much the entire country. Above normal temperatures are expected during this period, as a whole, for much of the region. This is coincident with a broad area of expected above normal precipitation during the late summer and early fall months as well.

ENSO-neutral conditions are favored (60% likelihood) to continue through the summer months. The chances decrease through the fall (40-50%) and approximately an equal chance (40-50%) of developing La Nina conditions.

Three-Month (JAS) Temp. Outlook



Three-Month (JAS) Precip. Outlook

