



NWS Wilmington, Ohio November 2021 Regional Climate Summary



Regional Climate Summary

The November weather pattern was one that is fairly typical for the region this time of the year. There were large fluctuations in temperatures throughout the month, with a few days of light precipitation. Also, most spots picked up their first measurable snow of the year.

Temperatures

Below normal temperatures were present for the first week of the month. After the first week there were several swings in temperatures through the remainder of the month of above normal to below normal and back again.

There were a few days during the month where temperatures were 10 to around 20 degrees above normal and on the other hand there were also multiple days where temperatures were around 10 degrees below normal. While there were several fluctuations in temperatures and cases where temperatures were well below and above normal, no temperature records were set during the month of November at Dayton, Columbus, or Cincinnati. Temperatures reached into the upper 60s to the 70s on a few days, particularly during the 2nd week of the month. And conversely, temperatures dipped into the 20s and 30s on a number of days. In fact, overnight lows even bottomed out in the teens on several days as well.

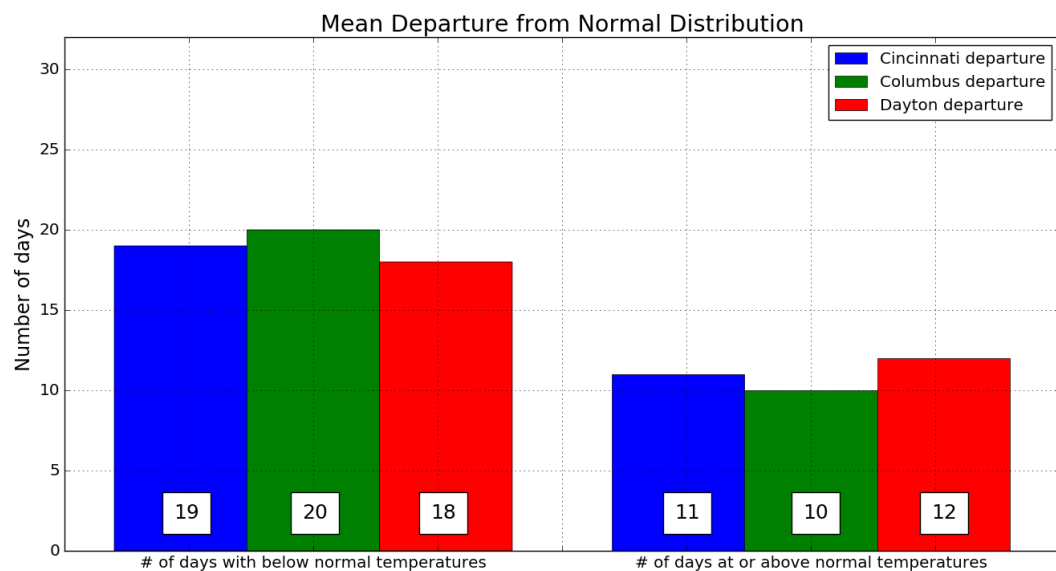
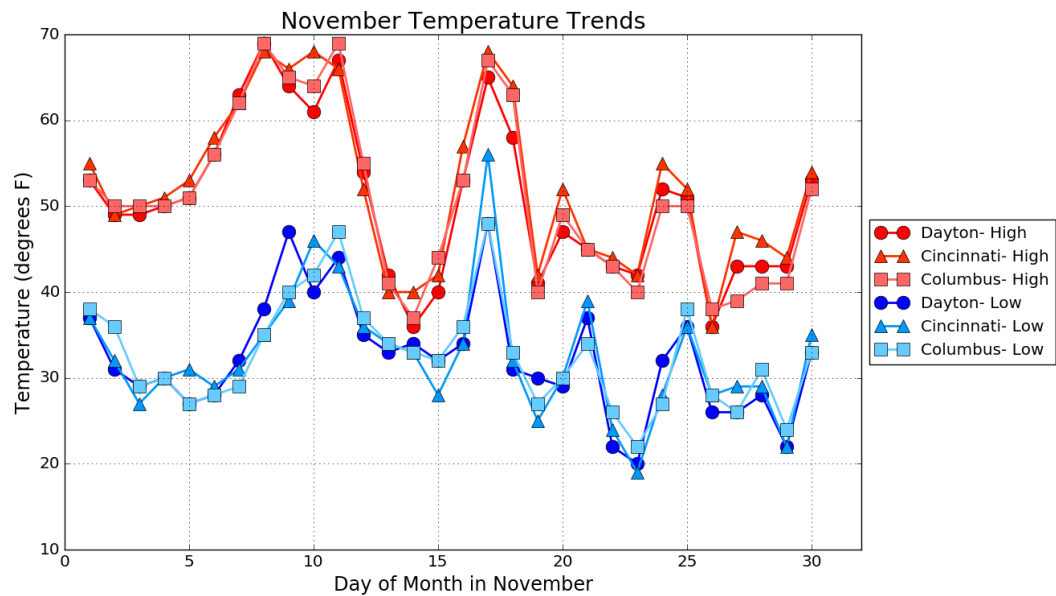
With the chillier-than-normal start to the month and end to the month, overall average temperatures were several degrees below normal as a whole. And with the several bouts of more wintry-like temperatures, most spots picked up their first measurable snow of the year, too.

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| Site | Avg Temp (°F) | Avg High Temp (°F) | Avg Low Temp (°F) | Departure From Normal (°F) | Maximum Temperature (°F) | Minimum Temperature (°F) |
|------------------|---------------|--------------------|-------------------|----------------------------|--------------------------|--------------------------|
| Cincinnati (CVG) | 42.4°F | 52.3°F | 32.6°F | - 2.0°F | 68°F (11/10, 11/17) | 19°F (11/23) |
| Columbus (CMH) | 41.8°F | 50.9°F | 32.7°F | - 1.8°F | 69°F (11/08, 11/11) | 22°F (11/23) |
| Dayton (DAY) | 41.5°F | 50.6°F | 32.4°F | - 2.6°F | 69°F (11/08) | 20°F (11/23) |



Temperatures (Continued)



Precipitation

The first 10 days of the month featured very dry conditions across the region with precipitation during this time ranging from nothing to a few hundredths. For the final 2/3 of the month, precipitation occurred at more regular intervals with a mix of wet and dry days.

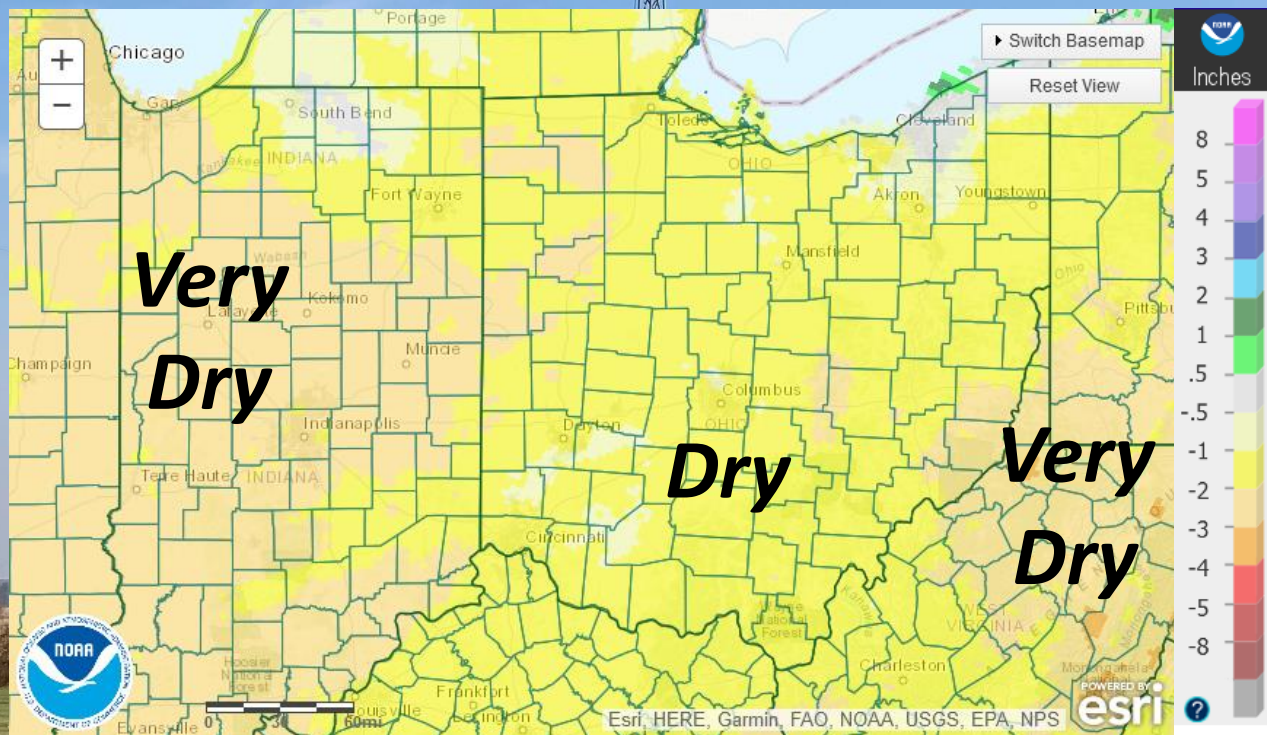
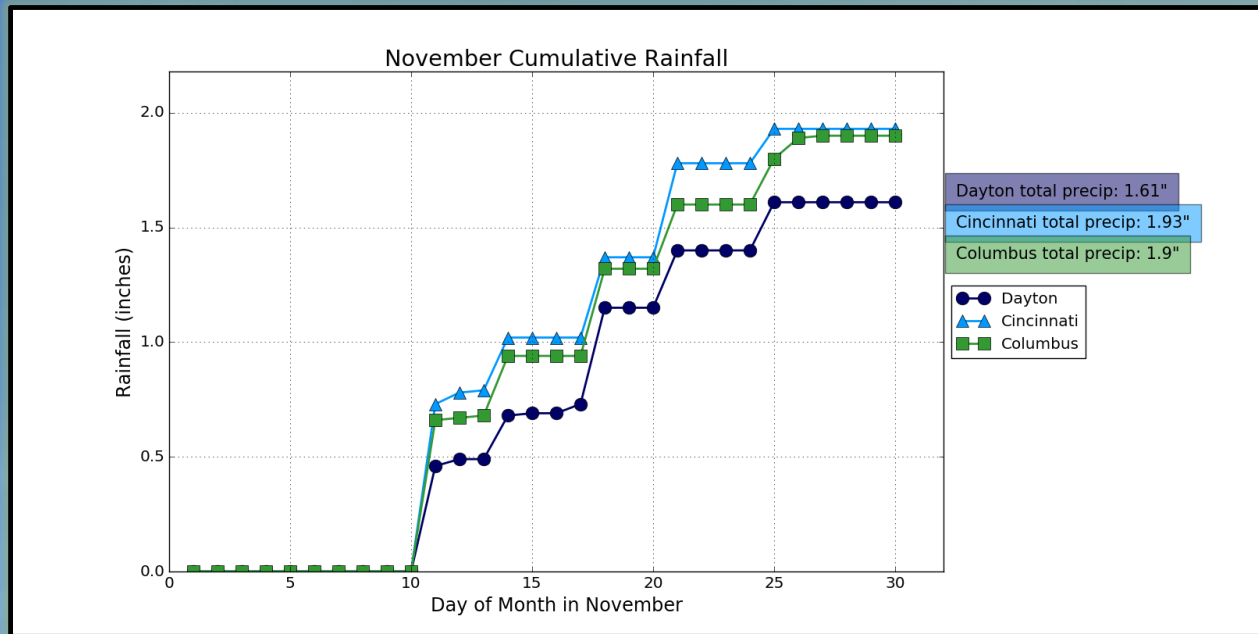
There was no notable severe weather during the month and no significant snow events. There were, however, several days during the month with some snow, with the accumulation generally less than a half inch. On the 14th, some area locations received 1 to close to 3 inches of snow near and north of I-70. On the 26th, a band brought around an inch or less of snow from northwest Ohio into central Ohio. While snowfall values on this day were rather light, the falling air temperatures allowed for elevated surfaces to become slick from the snowfall.

There were no significant precipitation events during the month. In fact, the heaviest daily precipitation at Dayton, Columbus, and Cincinnati were all under an inch for the month. Each of the three primary local climate sites ended with an inch or two less total precipitation than is normal for the month of November. Most spots in the local area ended up with total rainfall of around 2 inches for the month as a whole.

| Site | Total Precipitation (in.) | Departure From Normal (in.) | Max Daily Precipitation (in./date) | | Total Snowfall (in.) | Max Daily Snowfall (in./date) | |
|------------------|---------------------------|-----------------------------|------------------------------------|-------|----------------------|-------------------------------|-------|
| Cincinnati (CVG) | 1.93" | - 1.30" | 0.73" | 11/11 | 0.1" | 0.1" | 11/14 |
| Columbus (CMH) | 1.90" | - 0.89" | 0.66" | 11/11 | 0.6" | 0.4" | 11/14 |
| Dayton (DAY) | 1.61" | - 1.46" | 0.42" | 11/18 | 0.5" | 0.4" | 11/14 |



Precipitation (Continued)



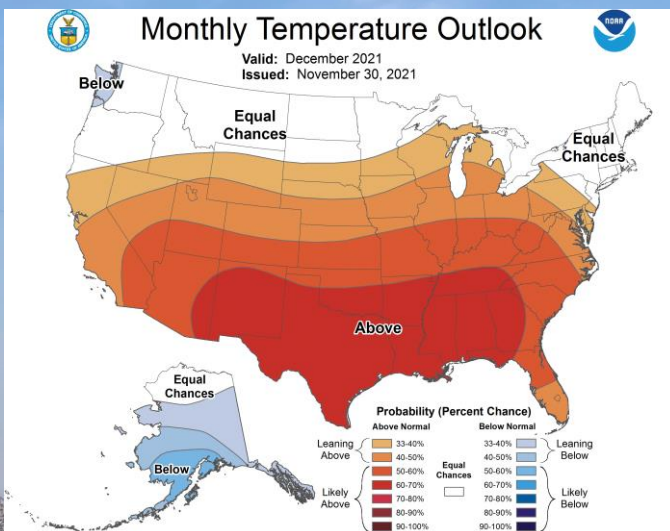
December Outlook

The latest outlook from the Climate Prediction Center (CPC) indicates favorable probabilities for above normal temperatures and near to slightly-above normal precipitation for the Ohio Valley.

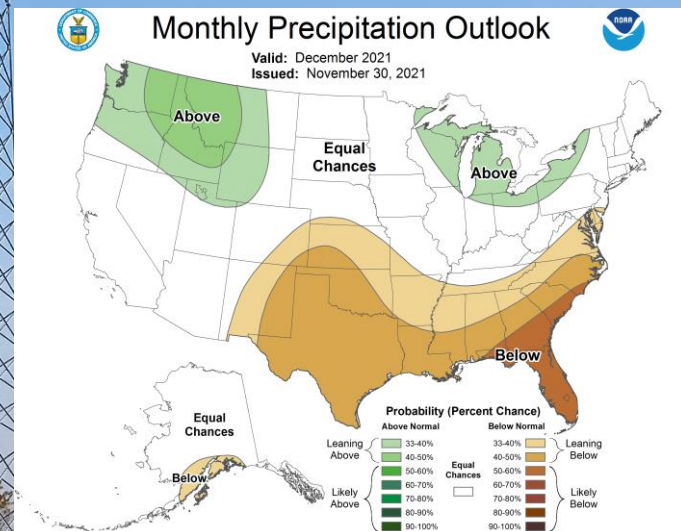
| Site | Normal Avg Temp (°F) | Normal High (°F) | Normal Low (°F) |
|------------------|----------------------|------------------|-----------------|
| Cincinnati (CVG) | 35.6°F | 43.3°F | 27.9°F |
| Columbus (CMH) | 34.5°F | 41.5°F | 27.4°F |
| Dayton (DAY) | 34.3°F | 41.5°F | 27.1°F |

| Site | Normal Precipitation (in.) | Normal Snowfall (in.) |
|------------------|----------------------------|-----------------------|
| Cincinnati (CVG) | 3.73" | 4.1" |
| Columbus (CMH) | 3.13" | 5.1" |
| Dayton (DAY) | 3.05" | 4.8" |

Upcoming Temperature Outlook



Upcoming Precipitation Outlook

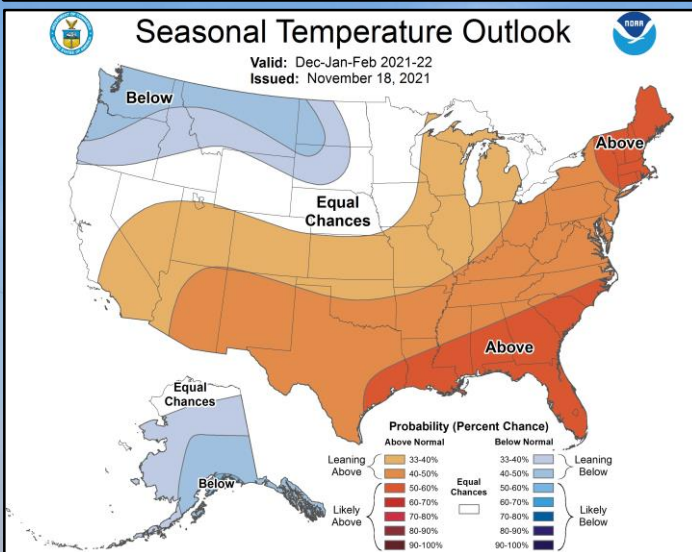


December-February Outlook

According to the Climate Prediction Center (CPC), La Niña is expected to strengthen and last through the 2021-2022 winter. Due to this, a La Niña advisory remains in effect.

And with a La Niña evolving for the entirety of the winter season, there is an increased likelihood of above normal temperatures and above normal precipitation for the entire region during this timeframe.

Three-Month (DJF) Temp. Outlook



Three-Month (DJF) Precip. Outlook

