

# NWS Wilmington, Ohio January 2022 Regional Climate Summary

## Regional Climate Summary

*After a warm December, January featured below normal temperatures for the month. Snow occurred on several days, however most of these events were less than a few inches except for a larger snowfall event that occurred from the 16<sup>th</sup> to 17<sup>th</sup>. Precipitation totals for the month were below normal to near normal across the region.*

# Temperatures

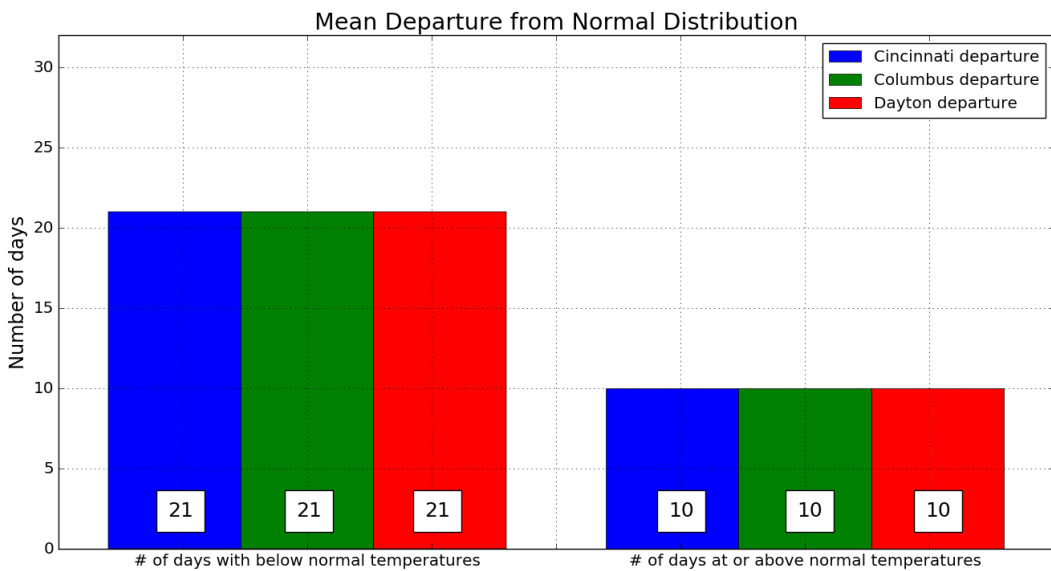
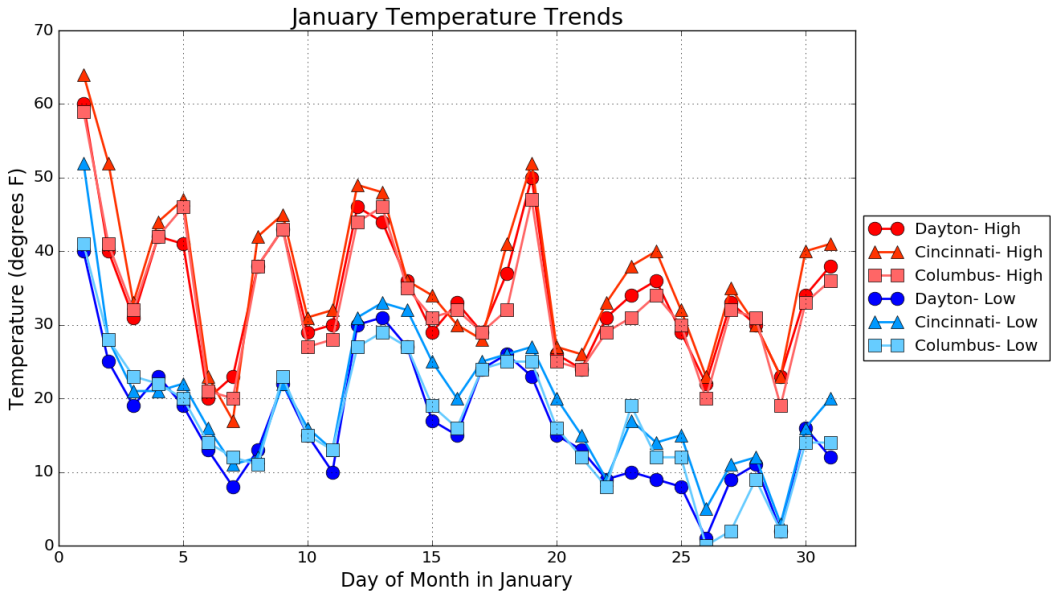
*While December featured several days of well above normal temperatures, there was a switch to several days of below normal temperatures during the month of January. This transition happened very early in the month. The month started out nearly 20 degrees above normal on the 1st. Much cooler air moved in by the 2nd, bringing temperatures closer to normal. The 6th and 7th brought even colder temperatures to the region with temperatures over 10 degrees below normal.*

*While there were brief periods of above normal temperatures during the remainder of the month, a large majority of the days were below normal. Temperatures dropped into the teens and single digits on several occasions with some locations even dropping below zero. In some areas, the lowest temperature during the month was the coldest temperature in nearly 3 years. Overall the month finished out several degrees below normal at Dayton, Columbus, and Cincinnati.*

Site	Avg Temp (°F)	Avg High Temp (°F)	Avg Low Temp (°F)	Departure From Normal (°F)	Maximum Temperature (°F)	Minimum Temperature (°F)
Cincinnati (CVG)	28.2	36.6	19.7	-3.2	64 on 1 <sup>st</sup>	3 on 29 <sup>th</sup>
Columbus (CMH)	25.3	33.5	17.2	-4.3	59 on 1 <sup>st</sup>	0 on 26 <sup>th</sup>
Dayton (DAY)	25.4	34.2	16.6	-4.0	60 on 1 <sup>st</sup>	1 on 26 <sup>th</sup>



# Temperatures (Continued)



# Precipitation

*The year 2022 started warm and wet as 1-2" of rain fell across the entire area beginning on New Years Day and ending on the 2nd of the month. A record rainfall for January 1st occurred in Columbus with 1.34 inches of rainfall. This breaks the old record of 1.28 inches set in 1948. Over the next few days, the weather was relatively quiet with a weak system bringing light snow to portions of the region. The next widespread precipitation event came on January 9th, dropping another 0.5"-1.0" of rainfall. The first significant winter storm to impact the area arrived a week later, on the 16th. Snow continued to fall through the morning hours of the 17th. Despite this snowfall, all 3 climate sites (Dayton, Columbus, and Cincinnati) remained between 7-10" below normal for seasonal snowfall to date. However, half way through the month, all sites were near normal for total precipitation.*

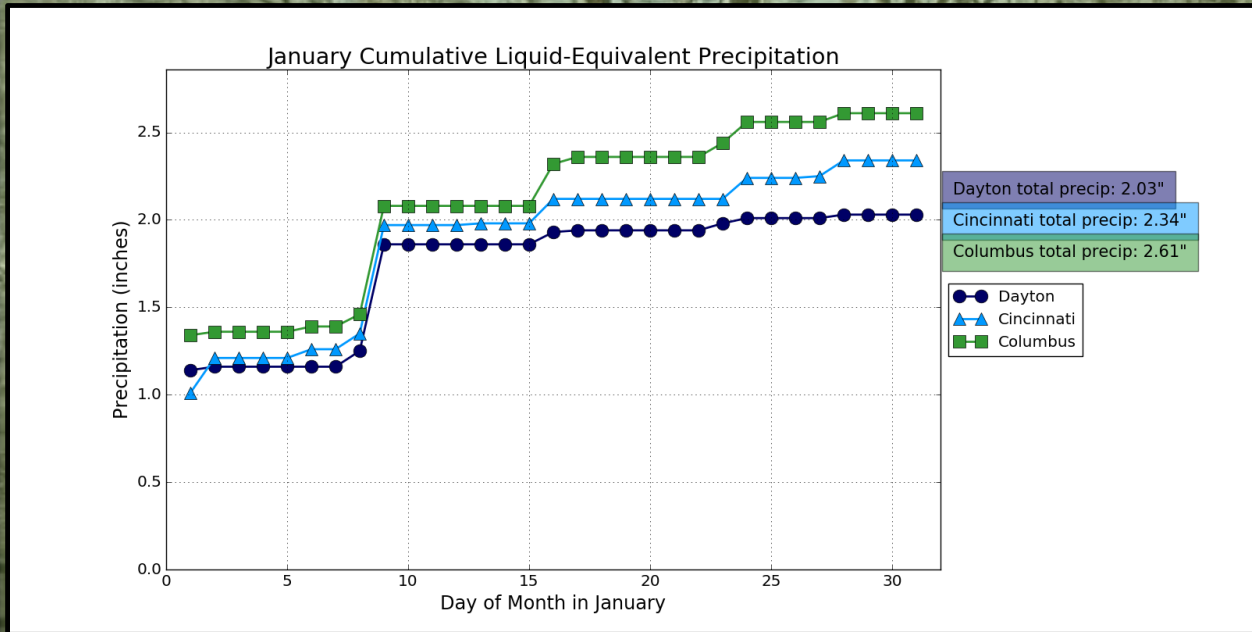
*Going into the second half of month, there were several light precipitation events. Starting with the 23<sup>rd</sup>, there were a couple of days of slightly higher snowfall values. Some locations near and north of I-70 received around 2-4 inches during the two day time period with the event starting as a mix of precipitation. Additional snowfall moved through during the 27th-28th with around 1-3 inches of snow in parts of the region.*

*Overall precipitation across most of the region was either below normal to near normal for the month.*

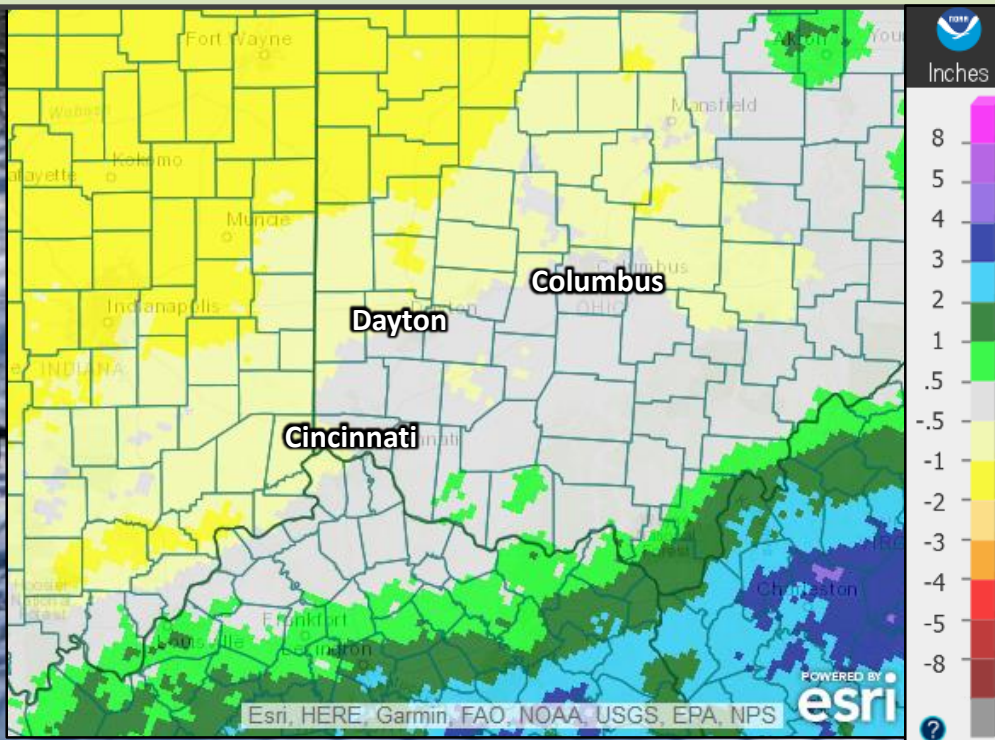
Site	Total Precipitation (in.)	Departure From Normal (in.)	Max Daily Precipitation (in./date)		Total Snowfall (in.)	Max Daily Snowfall (in./date)	
Cincinnati (CVG)	2.34	-0.96	1.01	1 <sup>st</sup>	5.6	3.4	28 <sup>th</sup>
Columbus (CMH)	2.61	-0.39	1.34	1 <sup>st</sup>	6.3	1.7	16 <sup>th</sup>
Dayton (DAY)	2.03	-1.05	1.14	1 <sup>st</sup>	3.2	0.8	16 <sup>th</sup> , 23 <sup>rd</sup> , 28 <sup>th</sup>



# Precipitation (Continued)



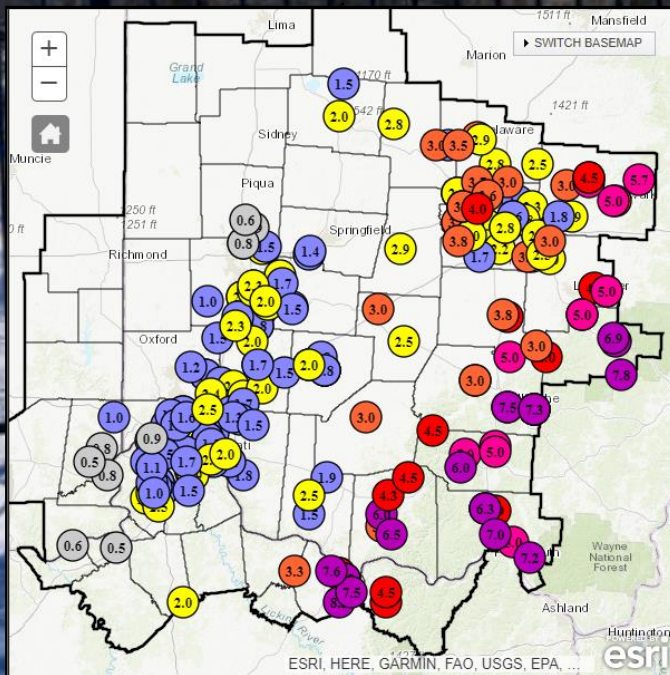
## January Precipitation Departure From Normal (In.)



# Winter Weather

Several small snowfall events occurred during the month with most of the snowfall values being a couple inches or less. A larger winter storm system moved through January 16th to 17th. This complex weather system provided periods of mixed precipitation before transitioning to snow. While light amounts fell across the Cincinnati and Dayton metro areas, the greatest swath of snow stretched from northern Kentucky to central Ohio. This storm system led to the highest snowfall values of the month being from portions of central Ohio, southward into the Scioto Valley, and into portions of northeastern Kentucky.

## January 16th-17th Snowfall



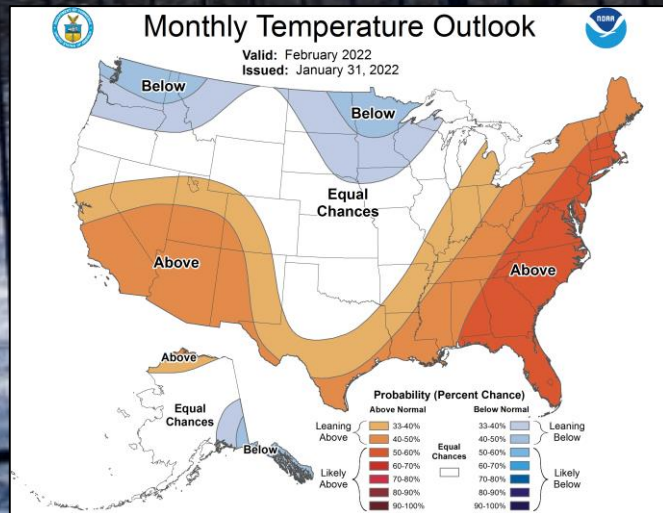
# February Outlook

*There is an increased likelihood of above normal temperatures and precipitation across the region during February.*

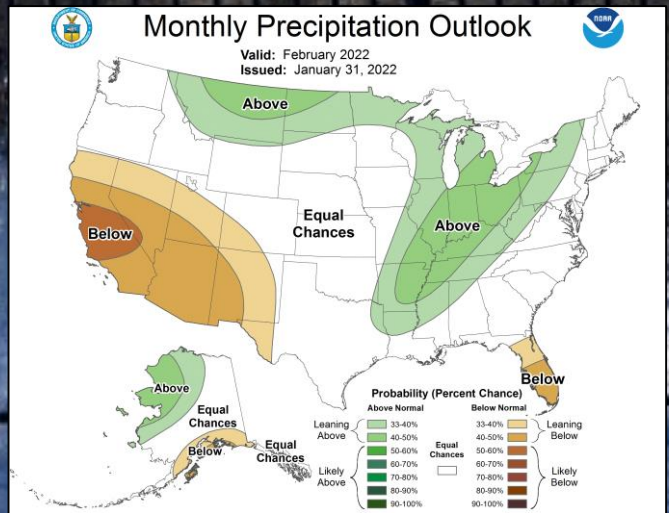
Site	Normal Avg Temp (°F)	Normal High (°F)	Normal Low (°F)
Cincinnati (CVG)	34.7	43.7	25.8
Columbus (CMH)	32.5	40.8	24.2
Dayton (DAY)	32.8	41.2	24.5

Site	Normal Precipitation (in.)	Normal Snowfall (in.)
Cincinnati (CVG)	3.17	6.7
Columbus (CMH)	2.41	7.6
Dayton (DAY)	2.35	6.6

## Upcoming Temperature Outlook



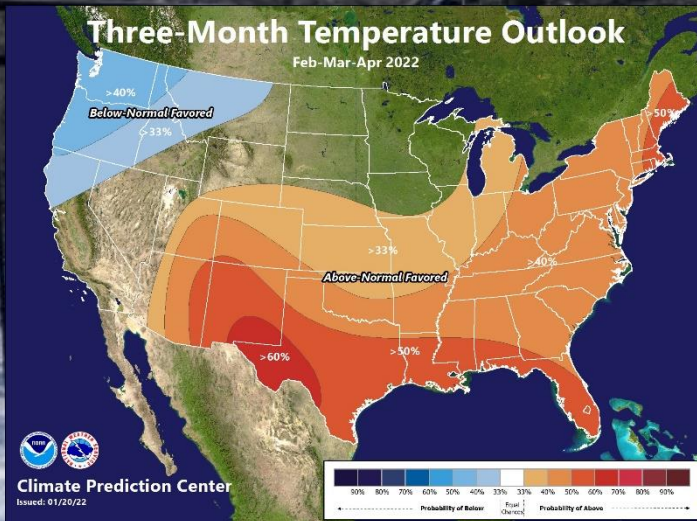
## Upcoming Precipitation Outlook



# February-April Outlook

*La Niña* is expected to continue into the spring and then transition to ENSO neutral conditions. There is an increased likelihood of above normal temperatures and precipitation across the region. *La Niña* patterns are indicative of this type of warm and wet pattern across the area.

## Three-Month (FMA) Temp. Outlook



## Three-Month (FMA) Precip. Outlook

