

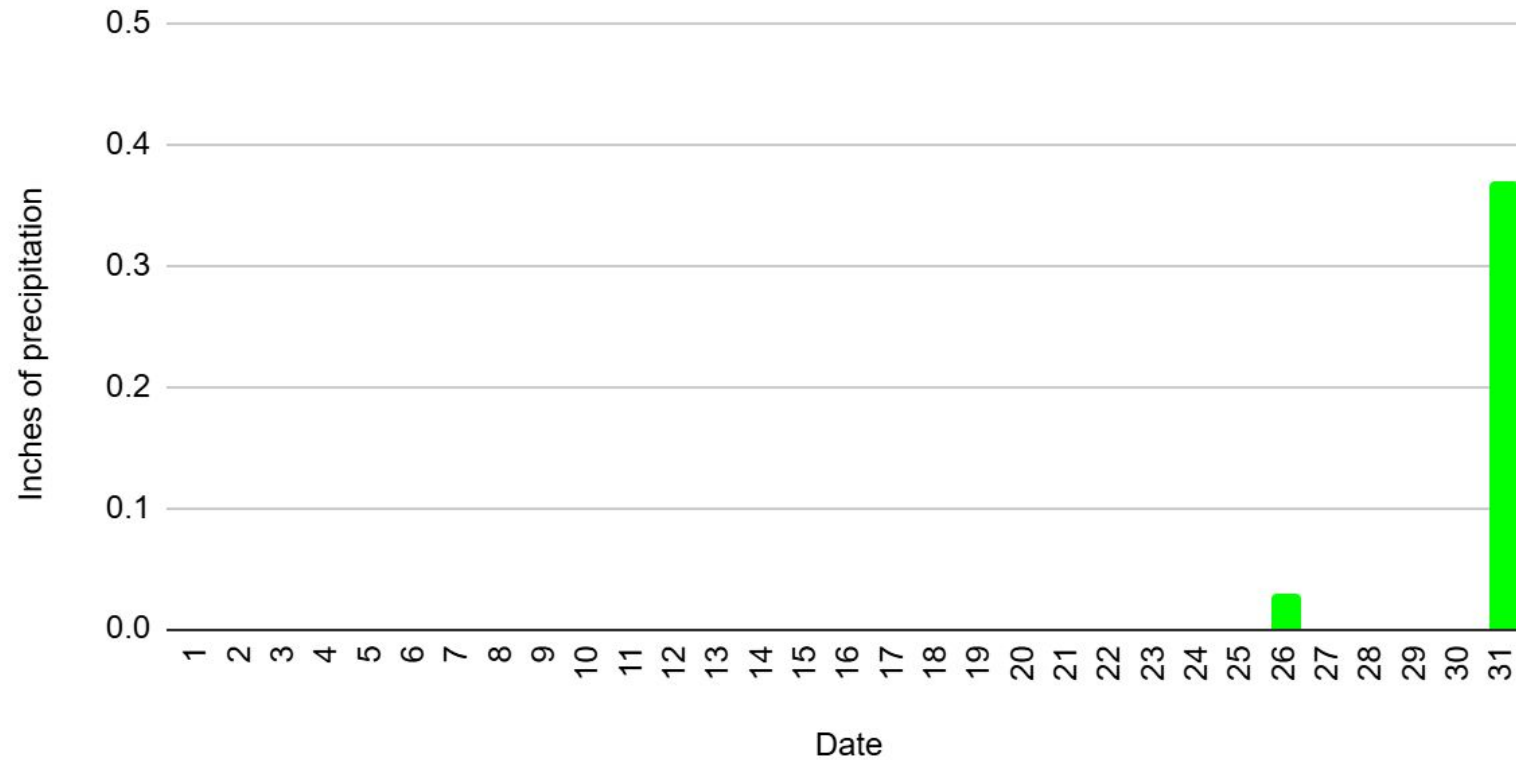


# October 2024 Monthly Summary

November 1, 2024  
5:23 PM

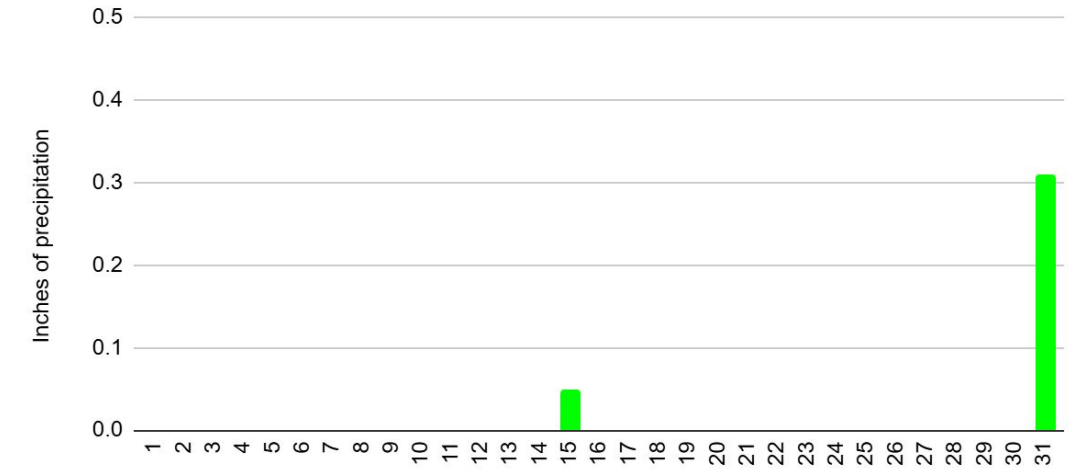
## Bowling Green, KY

Daily Precipitation October 2024



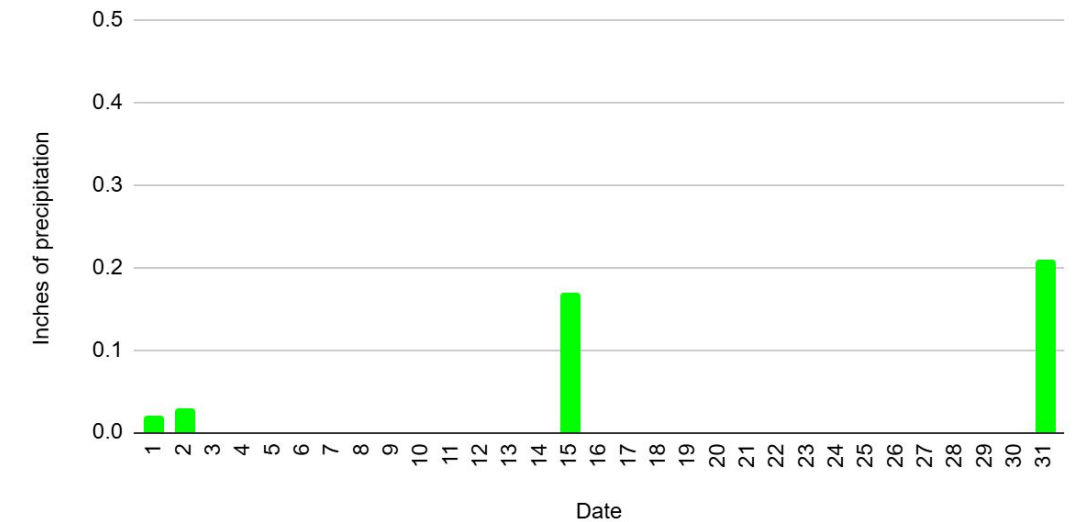
## Louisville, KY

October 2024 Daily Precipitation



## Lexington, KY

October 2024 Daily Precipitation



These graphs tell the story of October 2024. After getting drenched by the remnants of Hurricane Helene in late September, rain was scarce in October. Through the 30th, Bowling Green had only recorded 0.03” of rain, which, if it had held through the end of the month, would have tied for the driest month on record (set, interestingly, in October of 1924). However, a cold front brought widespread rain to the region on Halloween, producing rainfall amounts generally in the 0.10-0.80” range.

Source: [https://mesonet.agron.iastate.edu/request/daily.phtml?network=KY\\_ASOS](https://mesonet.agron.iastate.edu/request/daily.phtml?network=KY_ASOS)





# Averages, Departures, & Records

November 1, 2024  
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## Station Values

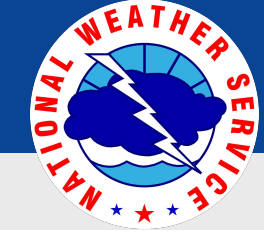
	Average Temperature	Departure from Normal	Precipitation	Departure from Normal	Snow	Departure from Normal
<b>Bowling Green</b>	63.3°	+3.3°	0.40"	-3.23"	0"	0"
<b>Frankfort</b>	59.4°	+1.8°	0.28"	-3.36"		
<b>Lexington</b>	60.6°	+2.8°	0.43"	-3.23"	0"	0"
<b>Louisville Ali</b>	63.6°	+3.3°	0.36"	-3.36"	0"	0"
<b>Louisville Bowman</b>	59.9°	+1.1°	0.42"	-3.23"		

## Records

- Bowling Green: 6th driest October
- Frankfort: 4th driest October and 8th driest month
- Lexington: 4th driest October and 9th driest month
- Louisville: 5th driest October
- 25th: High of 83° at Lexington
- 31st: Warm low of 63° at Lexington

Source: [NWS Louisville Climate](#)



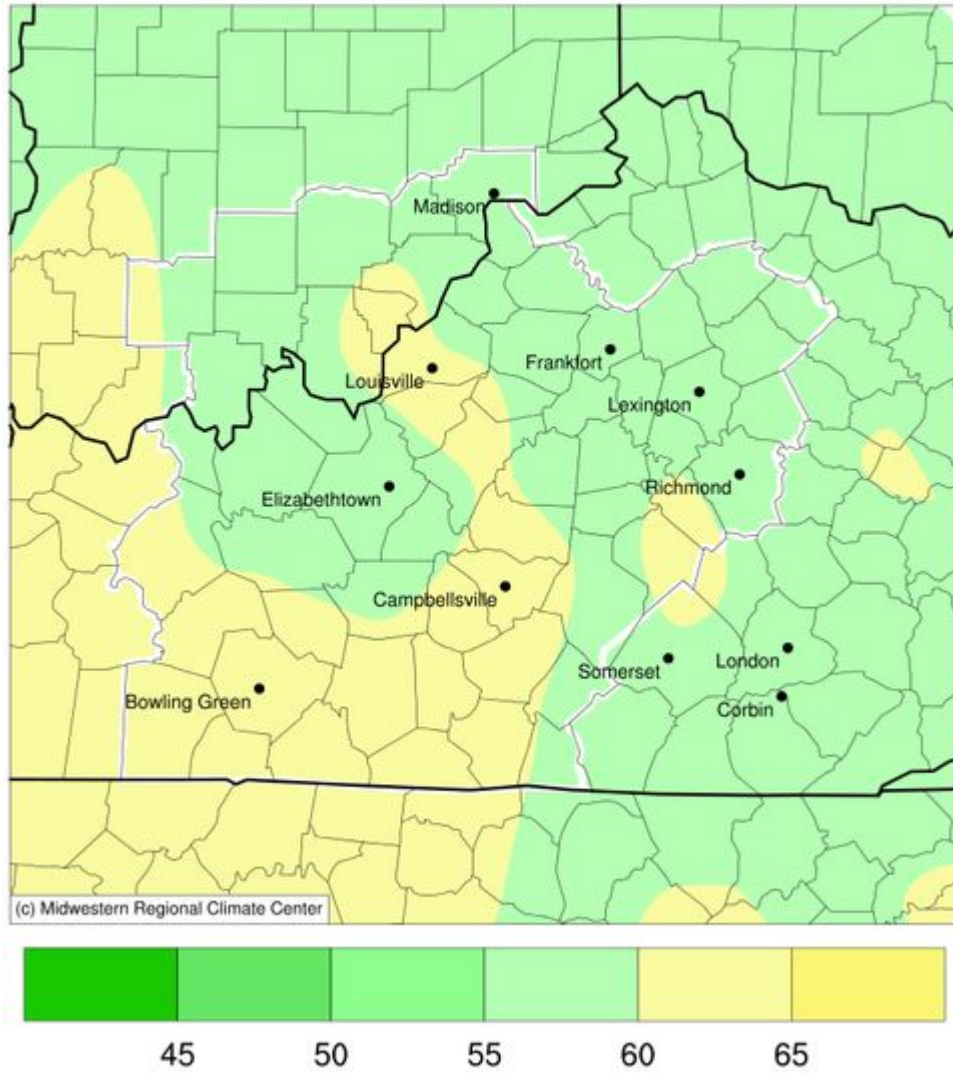


# Temperature Maps

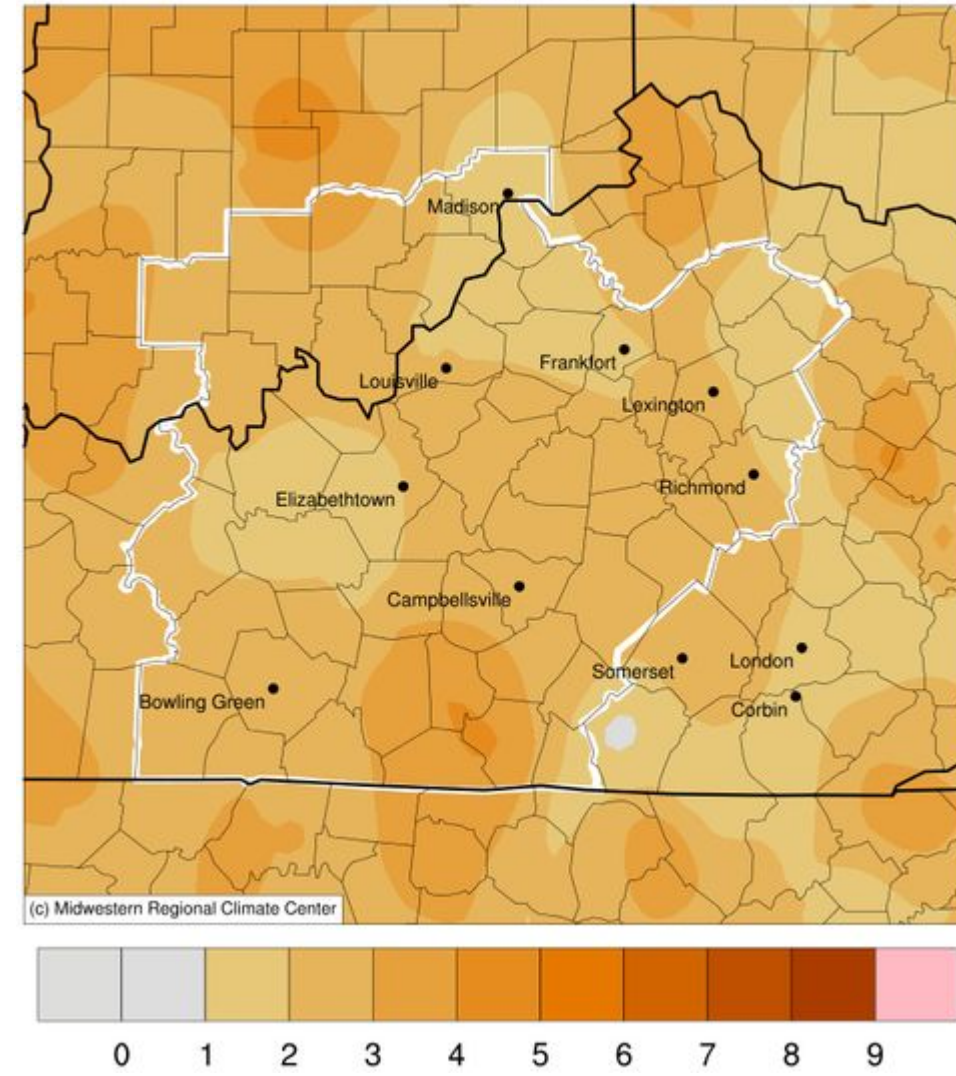
November 1, 2024  
5:23 PM

October 1-31, 2024

## Average Temperature



## Average Temperature Departure from Normal



Source: [MRCC](#)





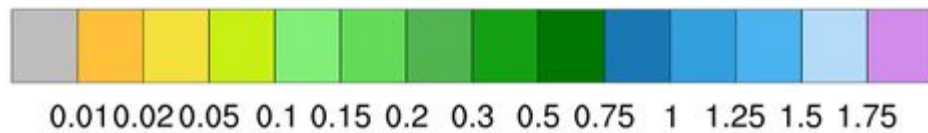
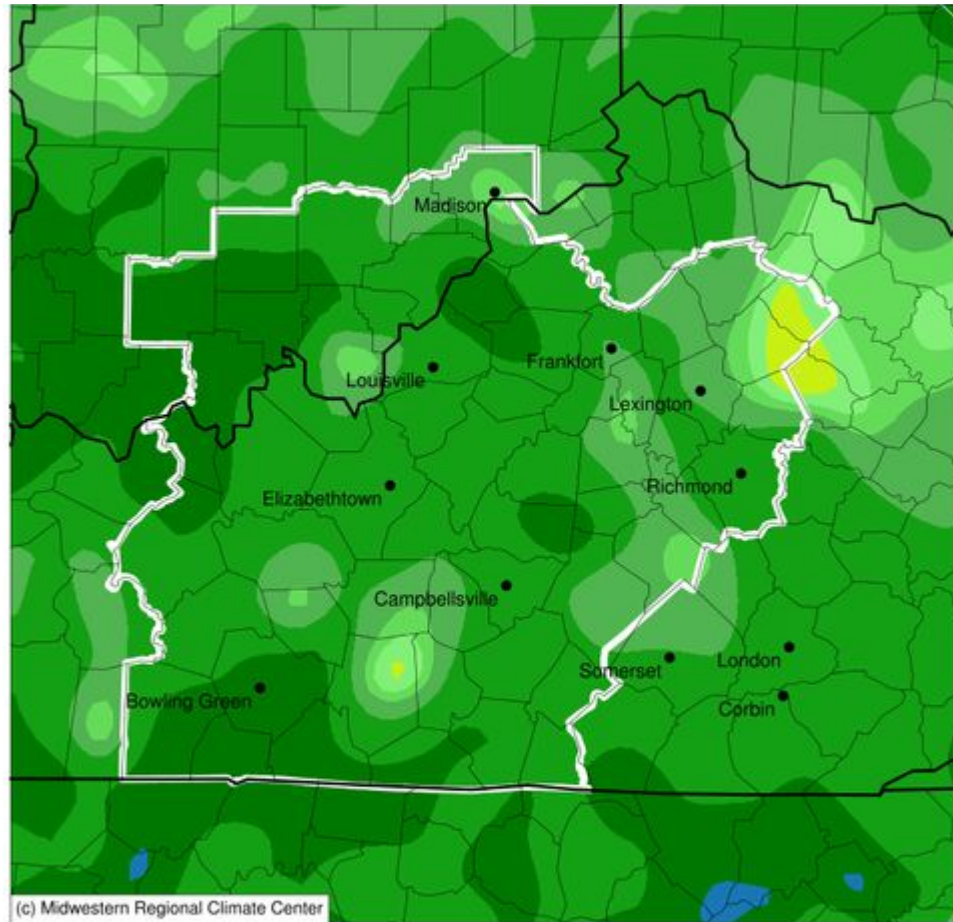


# Precipitation Maps

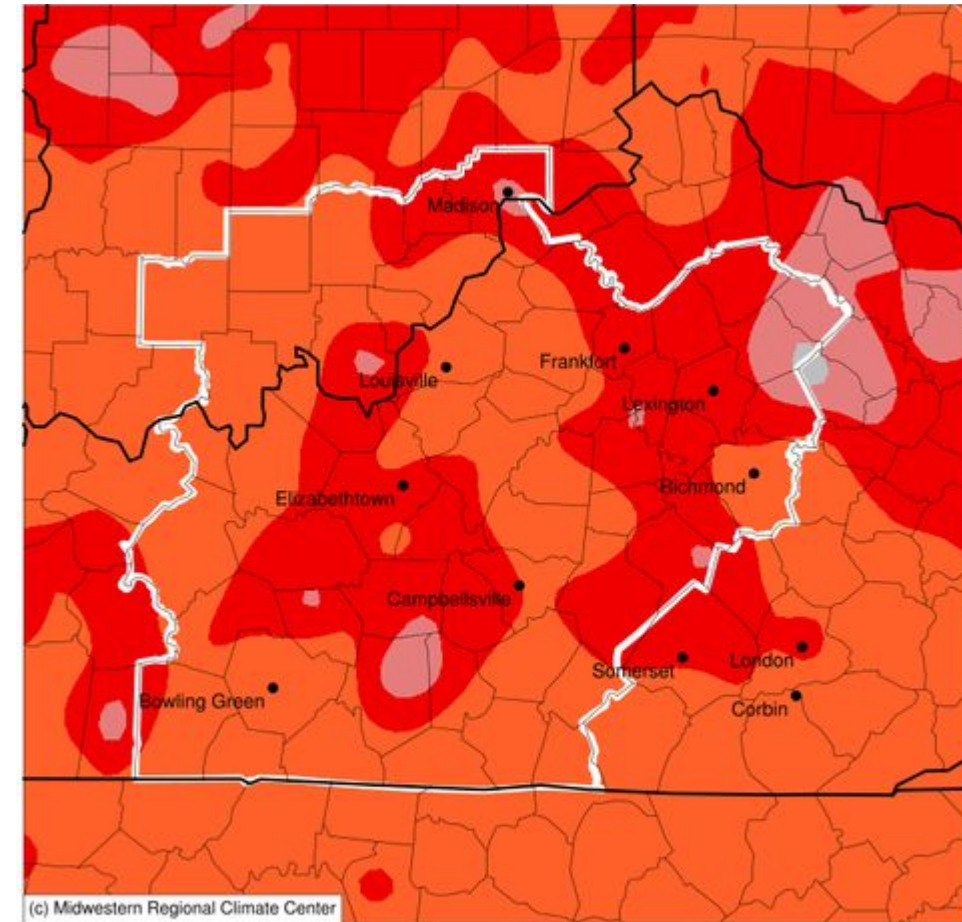
November 1, 2024  
5:23 PM

October 1-31, 2024

## Total Precipitation



## Total Precipitation Percentage of Normal



Source: [MRCC](#)





# Preliminary Severe Weather Reports

November 1, 2024  
5:23 PM

October 1-31, 2024

No severe weather occurred in October 2024 in central southern Indiana or central Kentucky.



National Oceanic and  
Atmospheric Administration

U.S. Department of Commerce

**National Weather Service**  
**Louisville, KY**



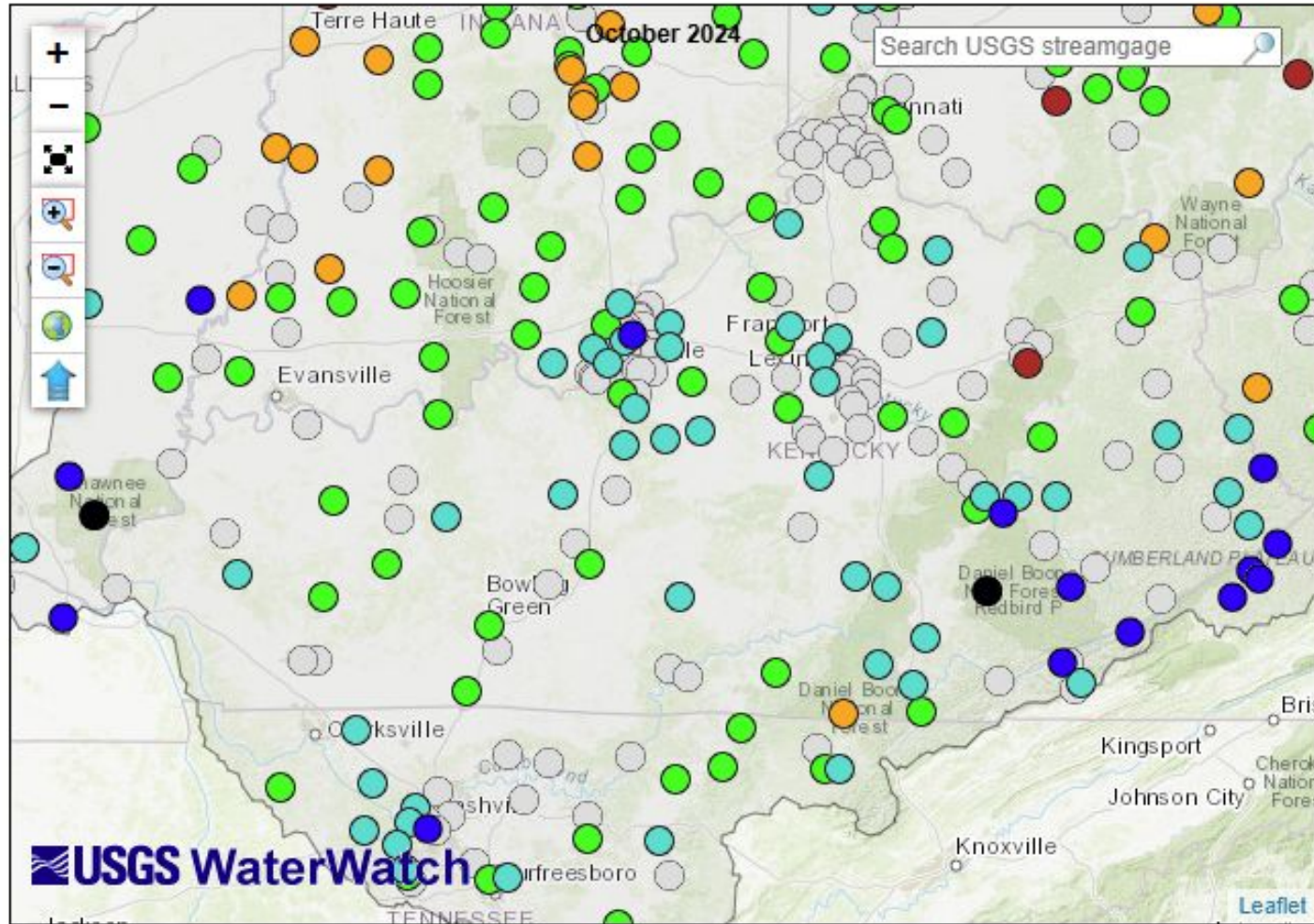


# Monthly Streamflow Anomalies for the Ohio Valley

November 1, 2024  
5:23 PM

October 2024

## Map of monthly streamflow compared to historical streamflow for the month of the year



Water moving through the system from the remnants of Hurricane Helene in late September caused higher than normal streamflows early in the month. A lack of rain for the rest of October led to diminished streamflows but streams are normally low at this time of year, so even though streams lost water they generally ended up near normal. The dry weather did negatively affect some pastureland, however.

Source: [USGS](https://www.usgs.gov)

Explanation - Percentile classes							
Low	<10 Much below normal	10-24 Below normal	25-75 Normal	76-90 Above normal	>90 Much above normal	High	Not-ranked







# CPC Monthly Outlook - November 2024

November 1, 2024  
5:23 PM

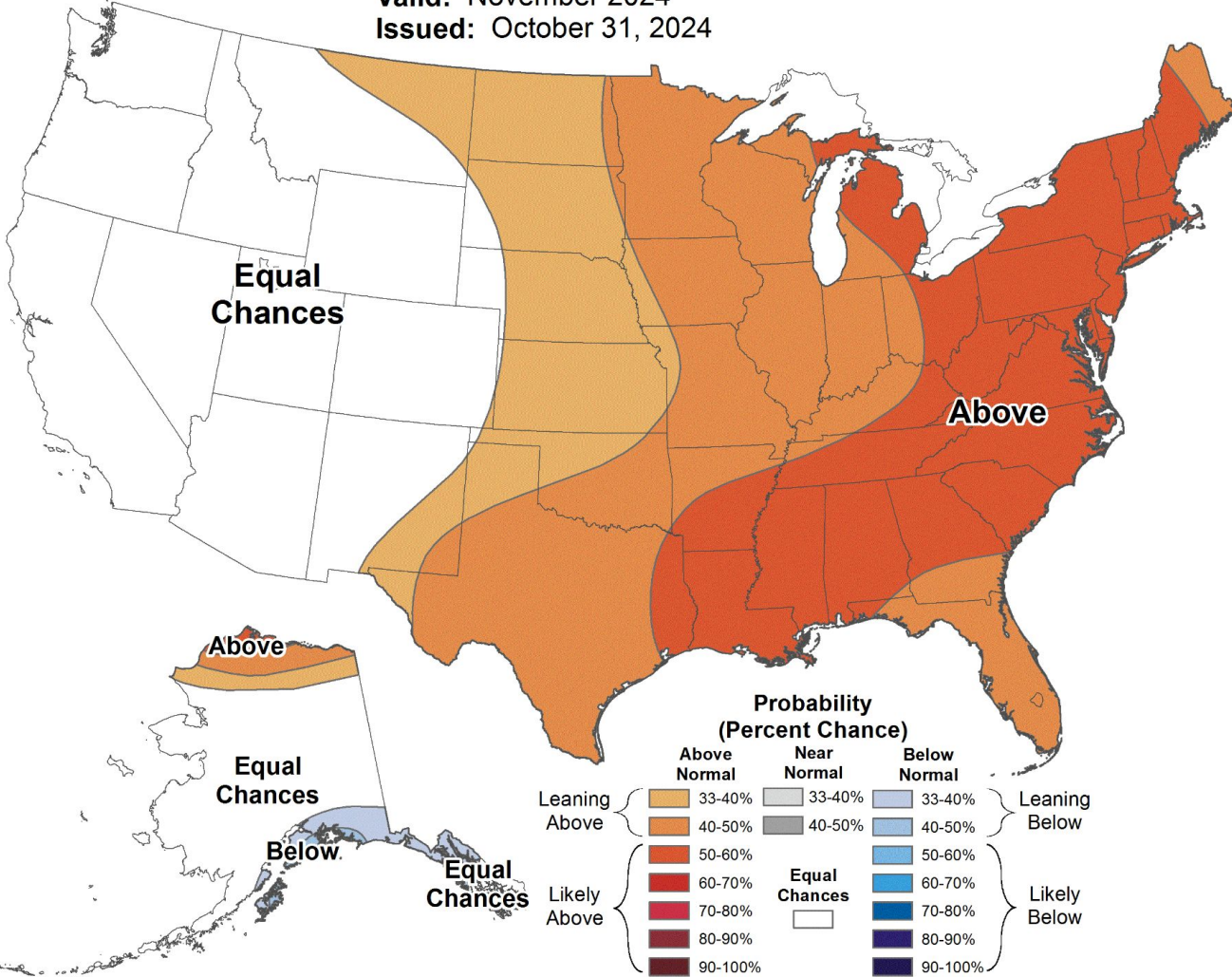
The odds are tilting toward a warmer than normal November



## Monthly Temperature Outlook



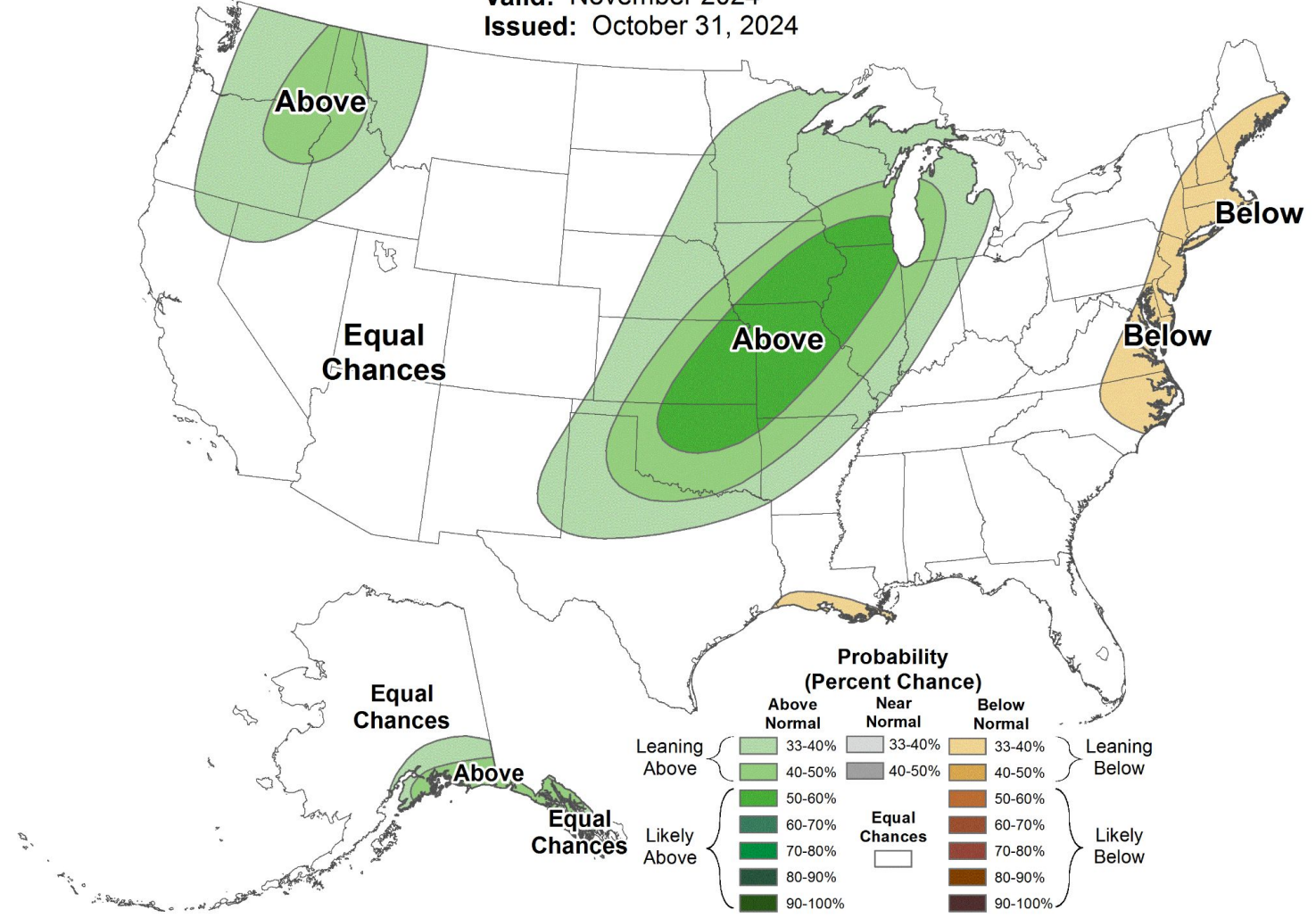
Valid: November 2024  
Issued: October 31, 2024



## Monthly Precipitation Outlook



Valid: November 2024  
Issued: October 31, 2024



Source: [Climate Prediction Center, NOAA](https://www.cpc.ncep.noaa.gov)



National Oceanic and Atmospheric Administration  
U.S. Department of Commerce

National Weather Service  
Louisville, KY