

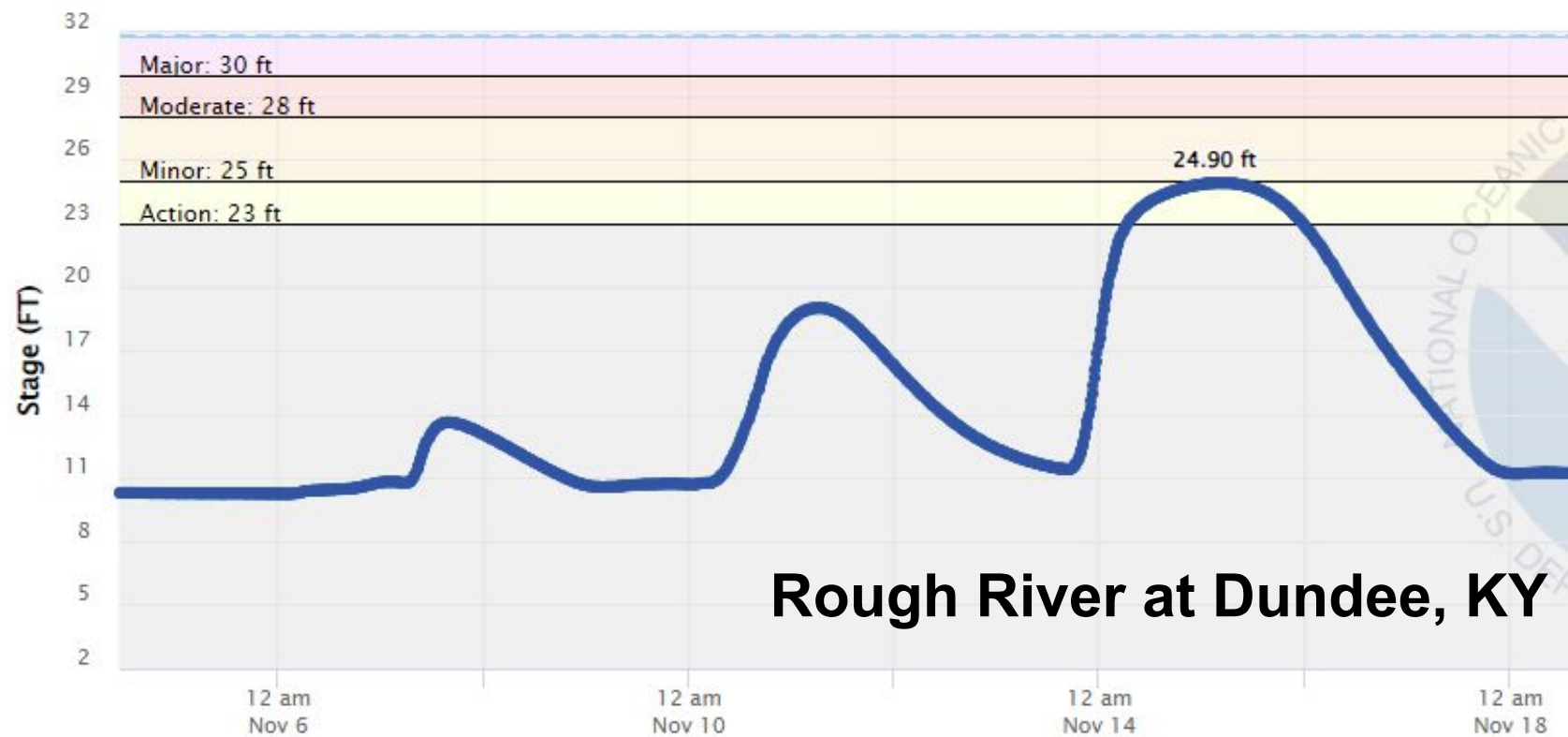
# November 2024 Monthly Summary

December 2, 2024  
3:01 PM

A large ridge of high pressure along the East Coast pumped warm air northward into much of the eastern United States November 3-6, resulting in record warmth both during the day and at night in southern Indiana and central Kentucky. The warmest days were the 4th and 5th when afternoon readings peaked in the mid 70s to around 80.

An all-day rain soaked the region on the 10th courtesy of the passage of a long cold front that extended all the way from Quebec to Texas, dropping 1 to 3 inches of rain on southern Indiana, with lesser amounts to the south. This was followed just a few days later on the 13th-14th by another 1-3" of rain across much of the region. The Rough River at Dundee, KY came to within a tenth of a foot of flood stage on the morning of the 15th.

The coldest spell of weather waited until the last two days of the month when high pressure stretching from central Canada to the Gulf Coast states brought chilly air into the district. Temperatures dropped into the teens on the morning of the 30th, including a low of 14° at a Kentucky Mesonet station in Shelby County.



This graph shows the river level, depicted by the thick blue line, at Dundee, KY in Ohio County from November 5 to November 18. The image shows how the level of the river bumped up slightly after moderate rain on the 6th, heavier rain on the 10th, and another still heavier rainfall event on the 13th-14th.

Graphs like this are available for many points across southern Indiana and central Kentucky at <https://water.noaa.gov/wfo/lmk>.





# Averages, Departures, & Records

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## Station Values

	Average Temperature	Departure from Normal	Precipitation	Departure from Normal	Snow	Departure from Normal
<b>Bowling Green</b>	54.3°	+5.9°	4.03"	+0.30"	T	-0.1"
<b>Frankfort</b>	51.2°	+5.1°	3.81"	+0.45"		
<b>Lexington</b>	52.3°	+6.2°	4.14"	+0.77"	1.7"	+1.3"
<b>Louisville Ali</b>	53.6°	+5.1°	7.20"	+3.78"	0.6"	+0.3"
<b>Louisville Bowman</b>	51.1°	+3.9°	7.82"	+4.38"		

## Records

- 3rd: High of 78° at Lexington
- 4th: High of 81° and warm low of 65° at Bowling Green, warm low of 62° at Frankfort, high of 80° at Lexington, high of 80° and warm low of 67° at Louisville
- 5th: Warm low of 67° at Bowling Green, high of 80° at Frankfort, high of 81° and warm low of 63° at Lexington, high of 81° and warm low of 67° at Louisville
- 6th: Warm low of 67° at Bowling Green, warm low of 66° at Frankfort, warm low of 67° at Lexington, warm low of 66° at Louisville
- 13th: Rainfall of 1.20" at Bowling Green
- 3rd warmest November on record at Bowling Green
- 7th warmest November on record at Frankfort
- 5th warmest November on record at Lexington and Louisville
- 8th wettest November on record at Louisville

Source: [NWS Louisville Climate](#)



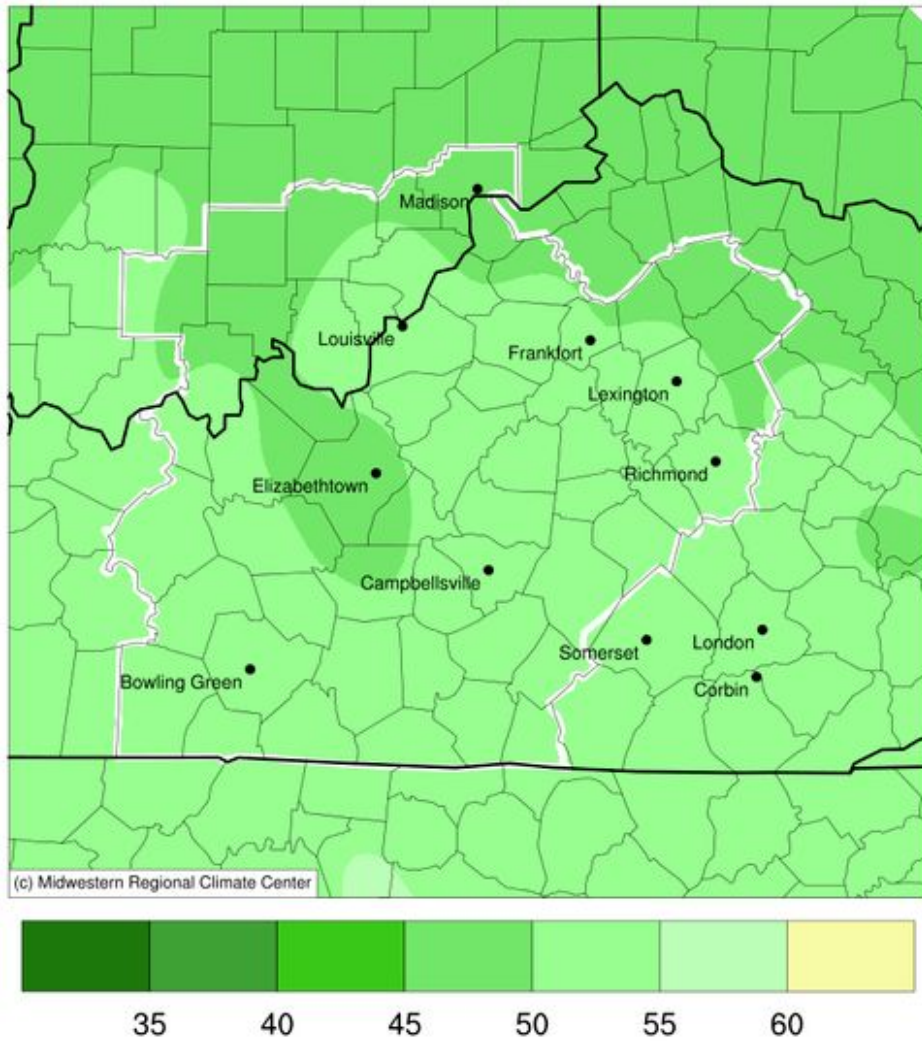


# Temperature Maps

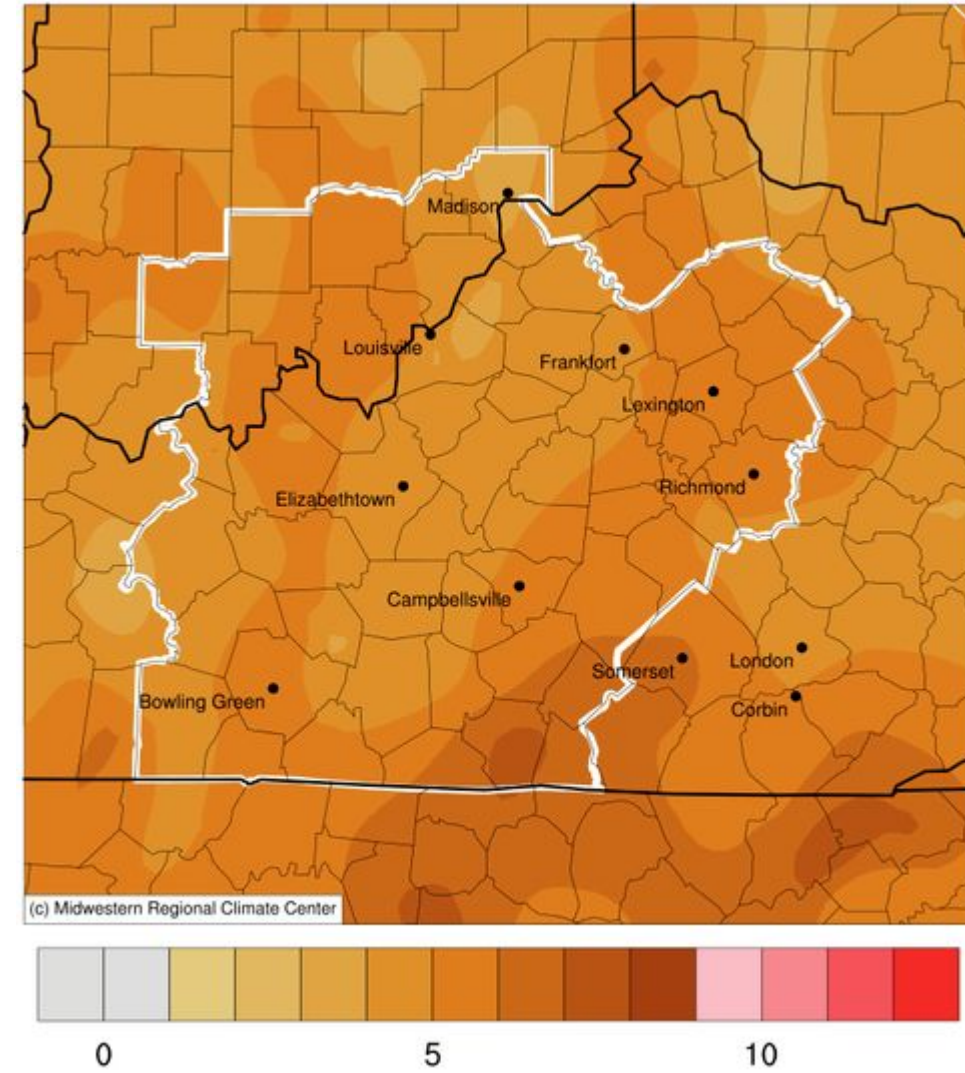
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November 1-30, 2024

## Average Temperature

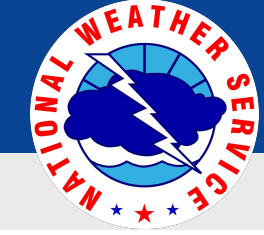


## Average Temperature Departure from Normal



Source: [MRCC](#)



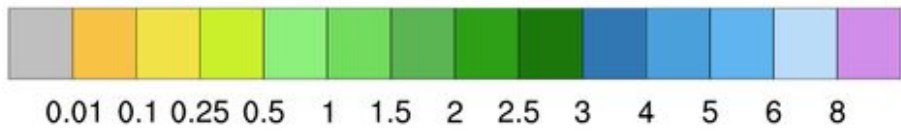
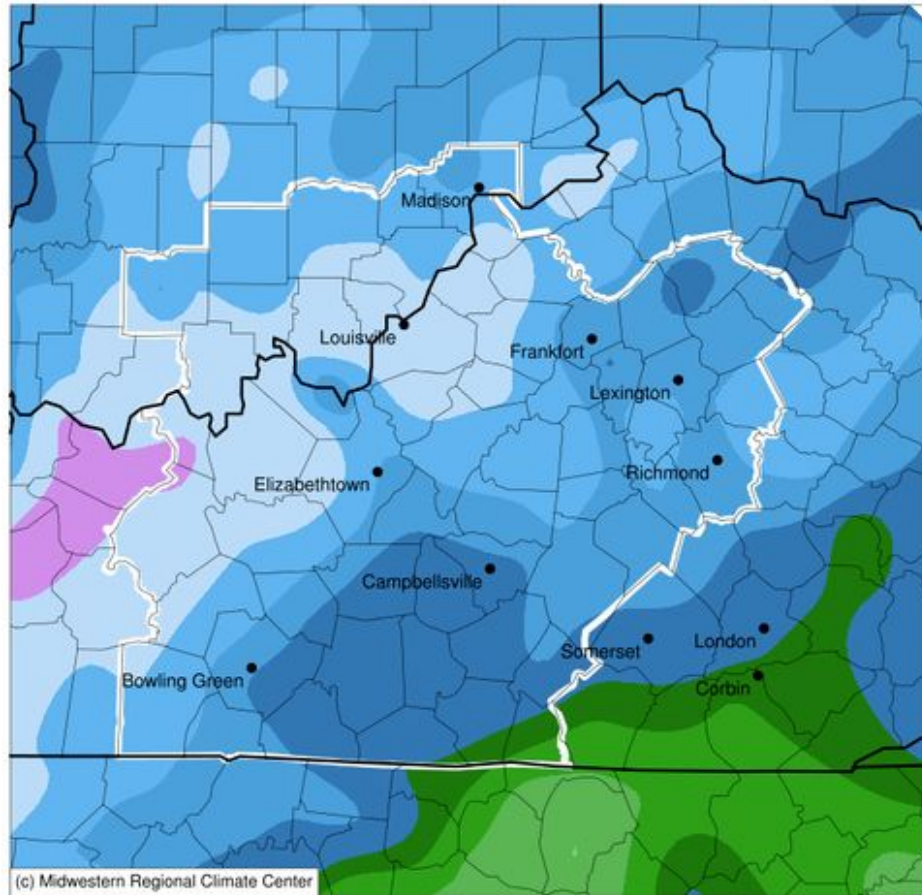


# Precipitation Maps

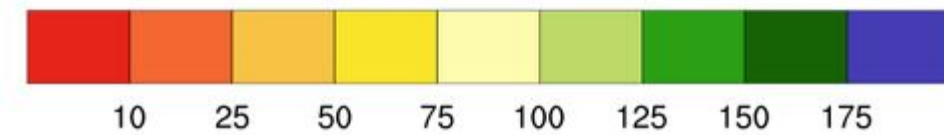
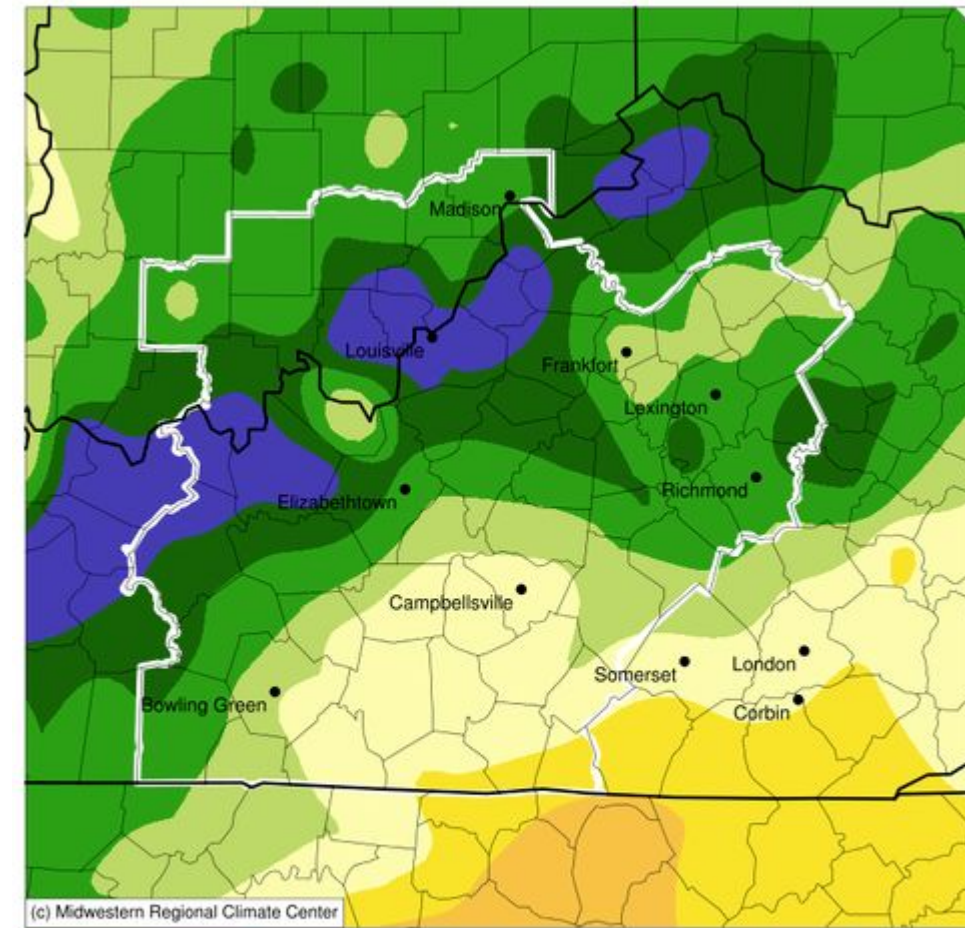
December 2, 2024  
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## Total Precipitation

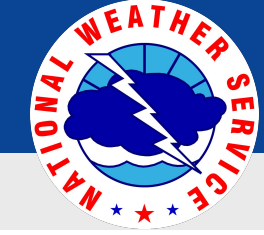


## Total Precipitation Percentage of Normal



Source: [MRCC](#)

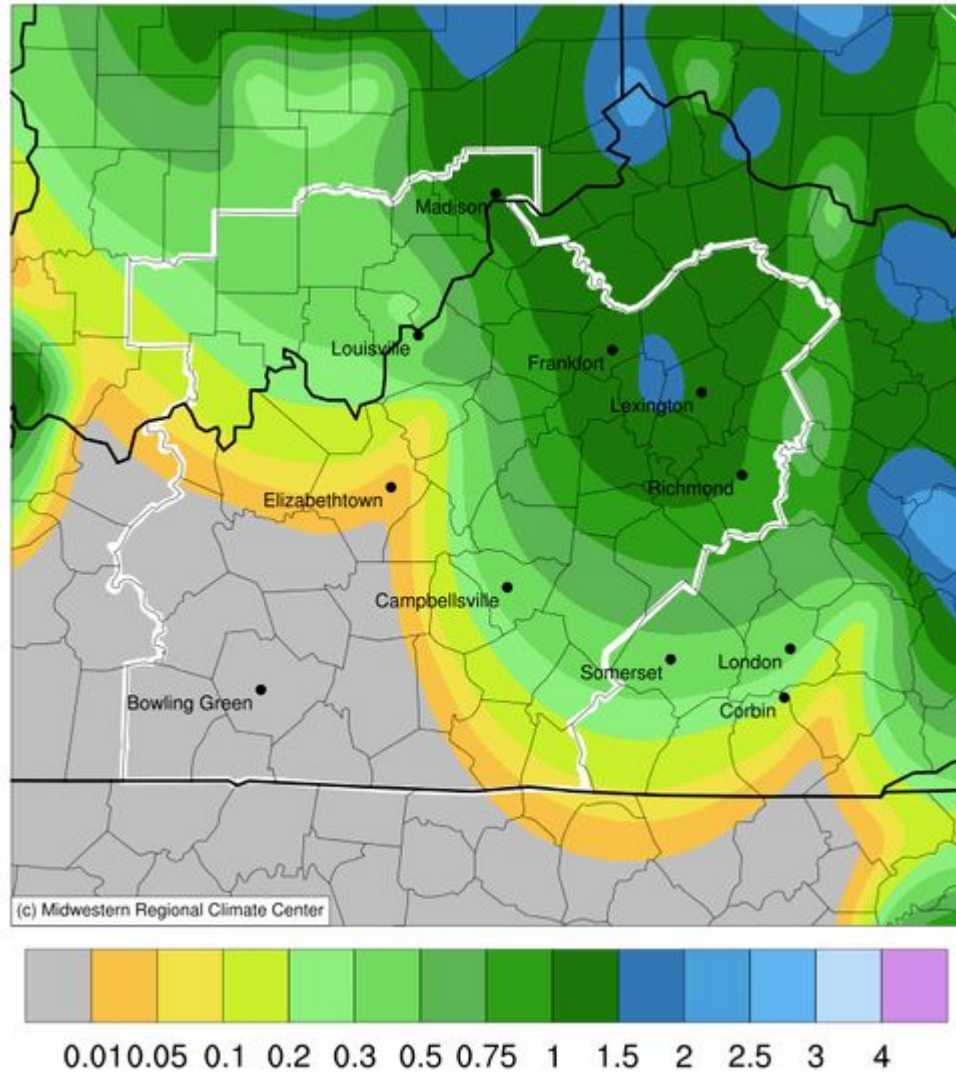




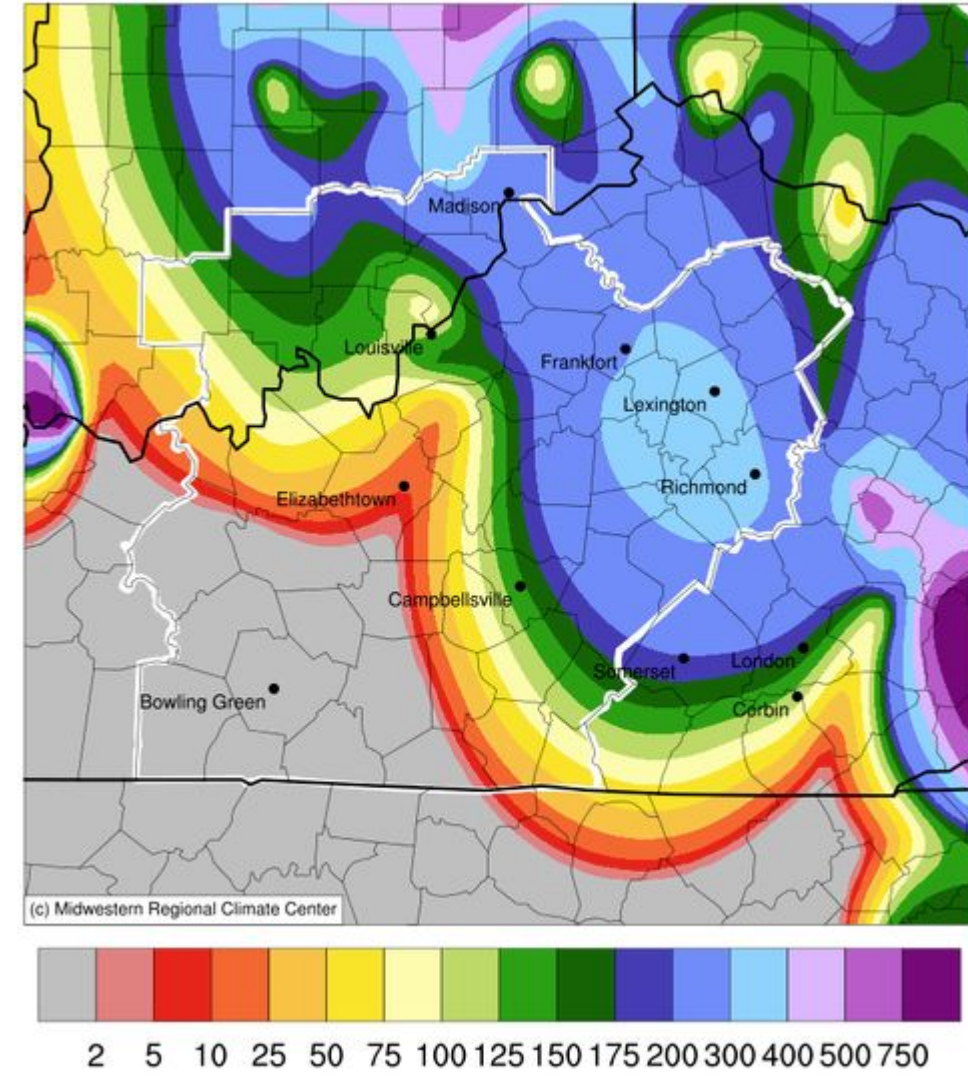
# Snowfall Maps

December 2, 2024  
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## Total Snowfall



## Total Snowfall Percentage of Normal



Source: [MRCC](#)





# Preliminary Severe Weather Reports

December 2, 2024  
3:01 PM

November 1-30, 2024

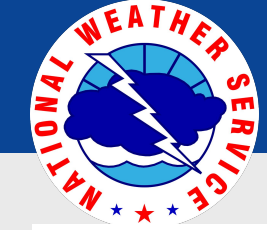
No severe weather occurred in November 2024 in central southern Indiana or central Kentucky.



National Oceanic and  
Atmospheric Administration

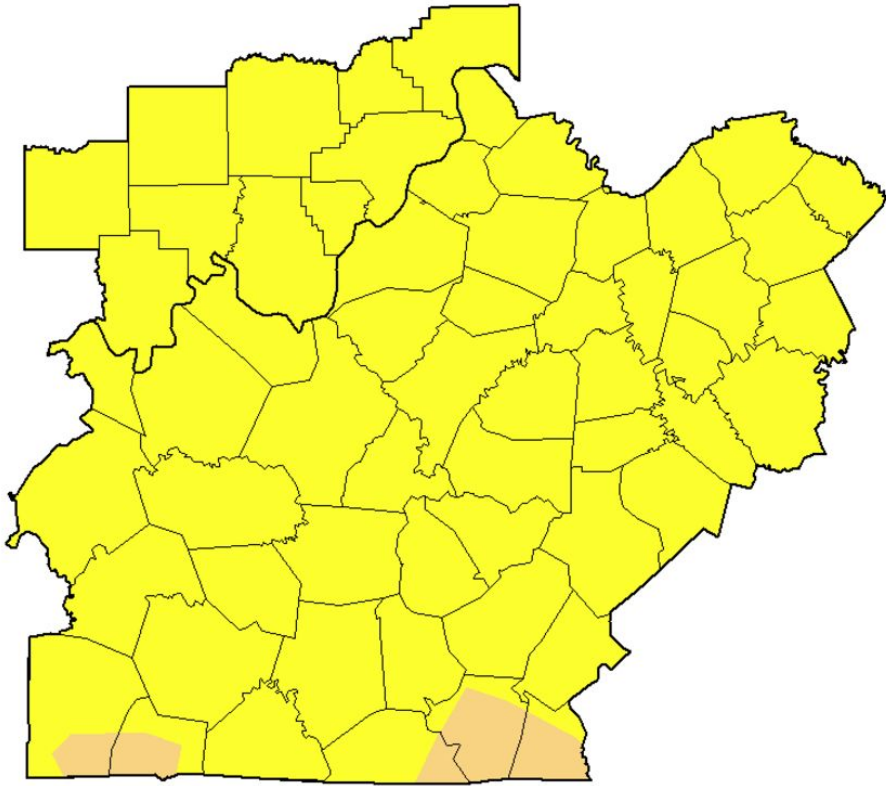
U.S. Department of Commerce

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

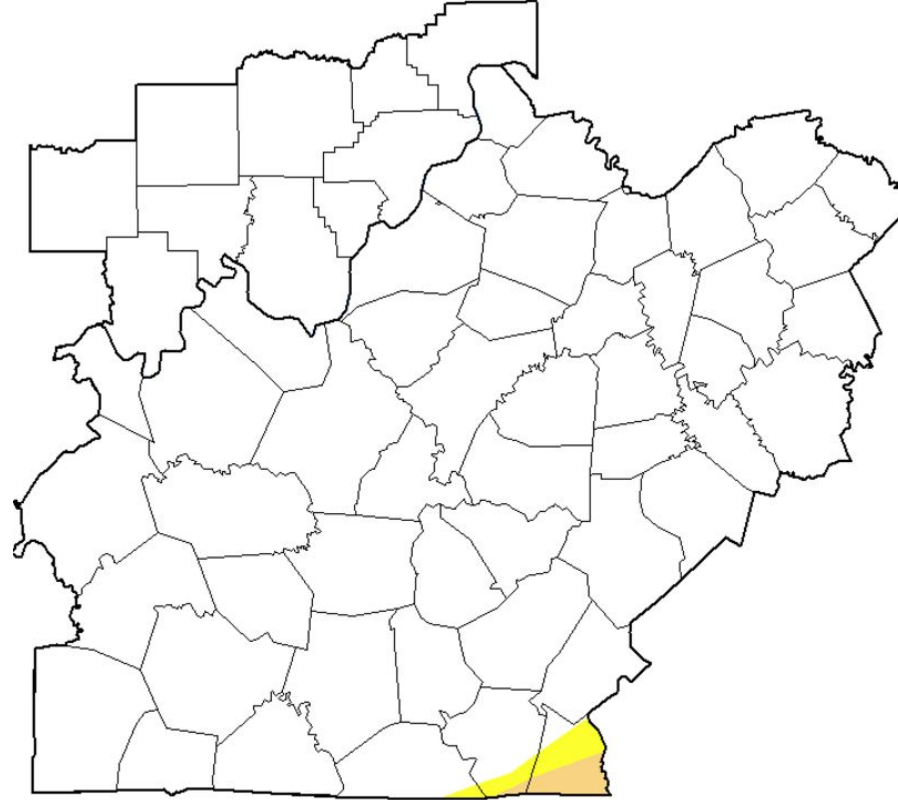


# U.S. Drought Monitor Maps & Class Change

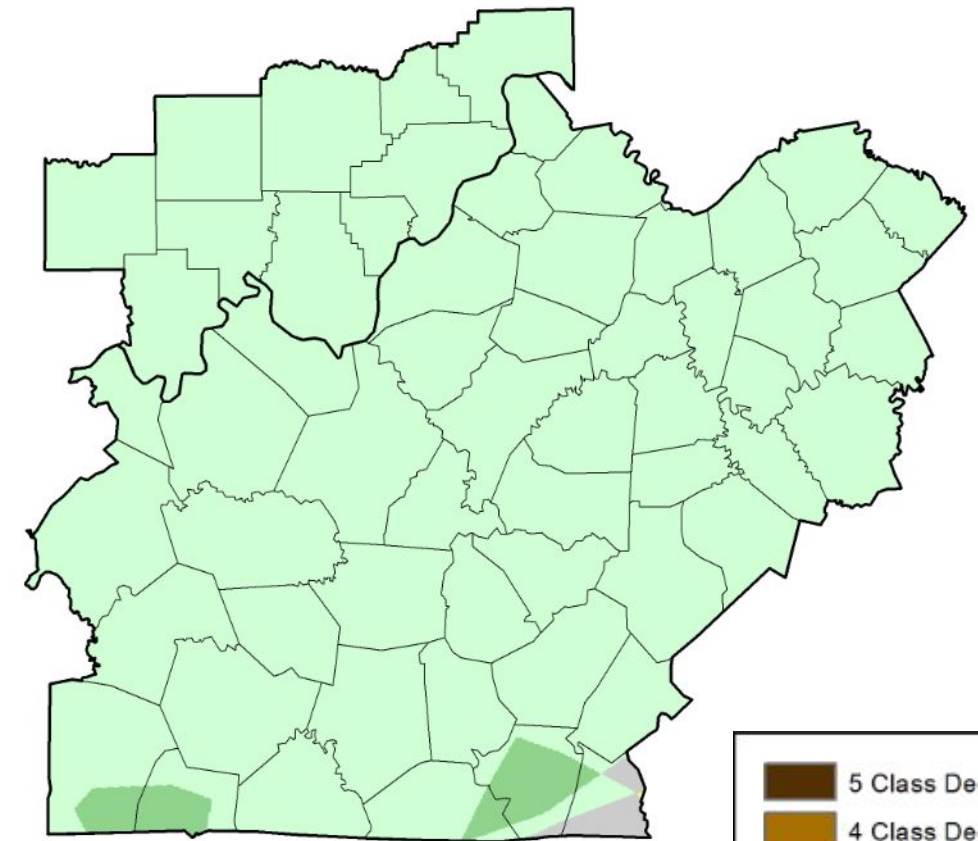
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November 5, 2024



November 26, 2024



Class change from  
November 5 to  
November 26

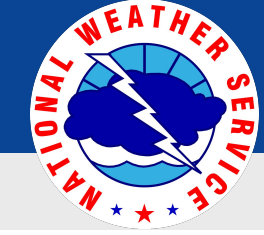
Intensity:

- None
- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

- 5 Class Degradation
- 4 Class Degradation
- 3 Class Degradation
- 2 Class Degradation
- 1 Class Degradation
- No Change
- 1 Class Improvement
- 2 Class Improvement
- 3 Class Improvement
- 4 Class Improvement
- 5 Class Improvement

Source: [USDM](#)





# CPC Monthly Outlook - December 2024

December 2, 2024  
3:01 PM

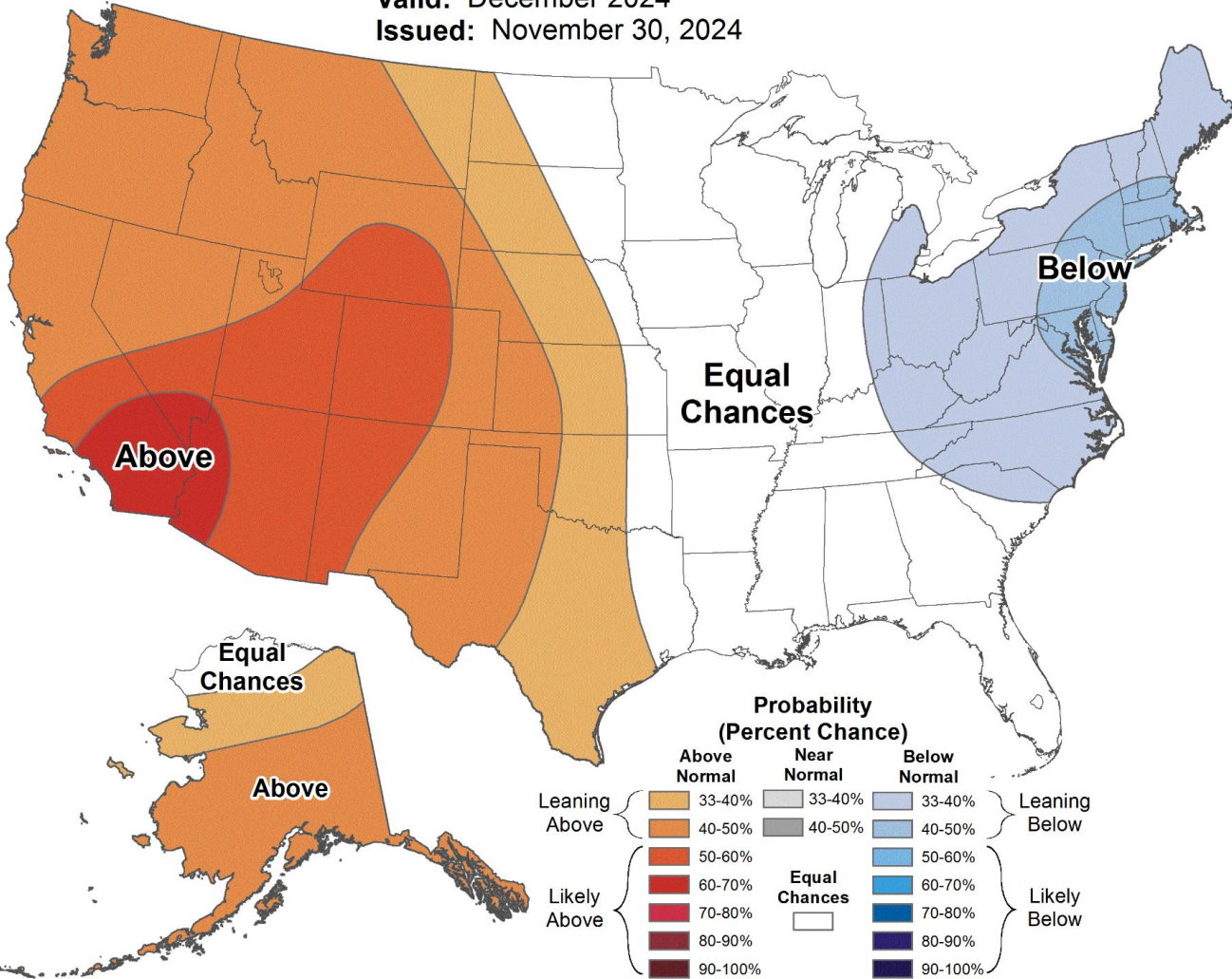
There is no strong signal for December as a whole, though eastern Kentucky may lean cooler than normal overall



## Monthly Temperature Outlook



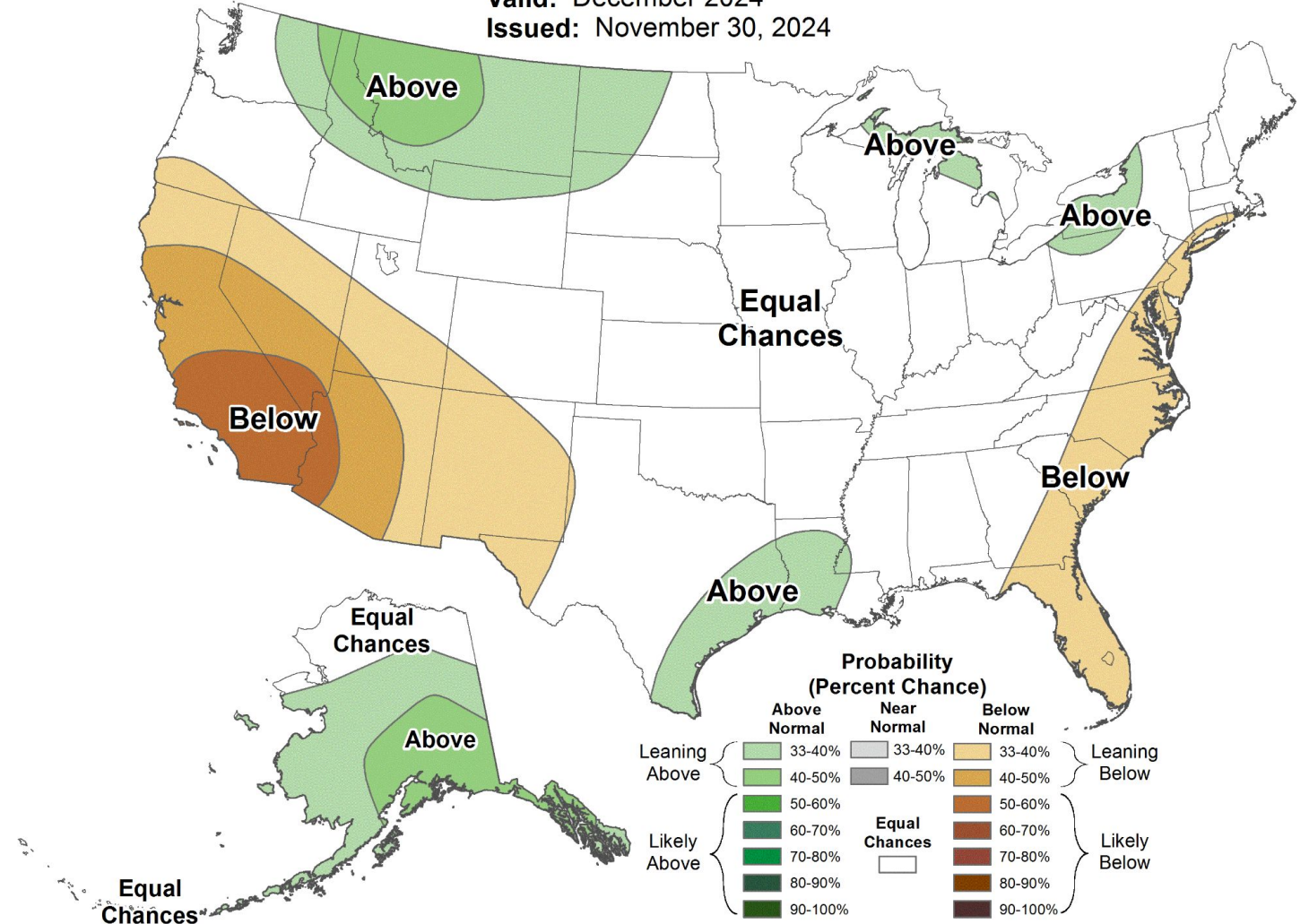
Valid: December 2024  
Issued: November 30, 2024



## Monthly Precipitation Outlook



Valid: December 2024  
Issued: November 30, 2024



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

