



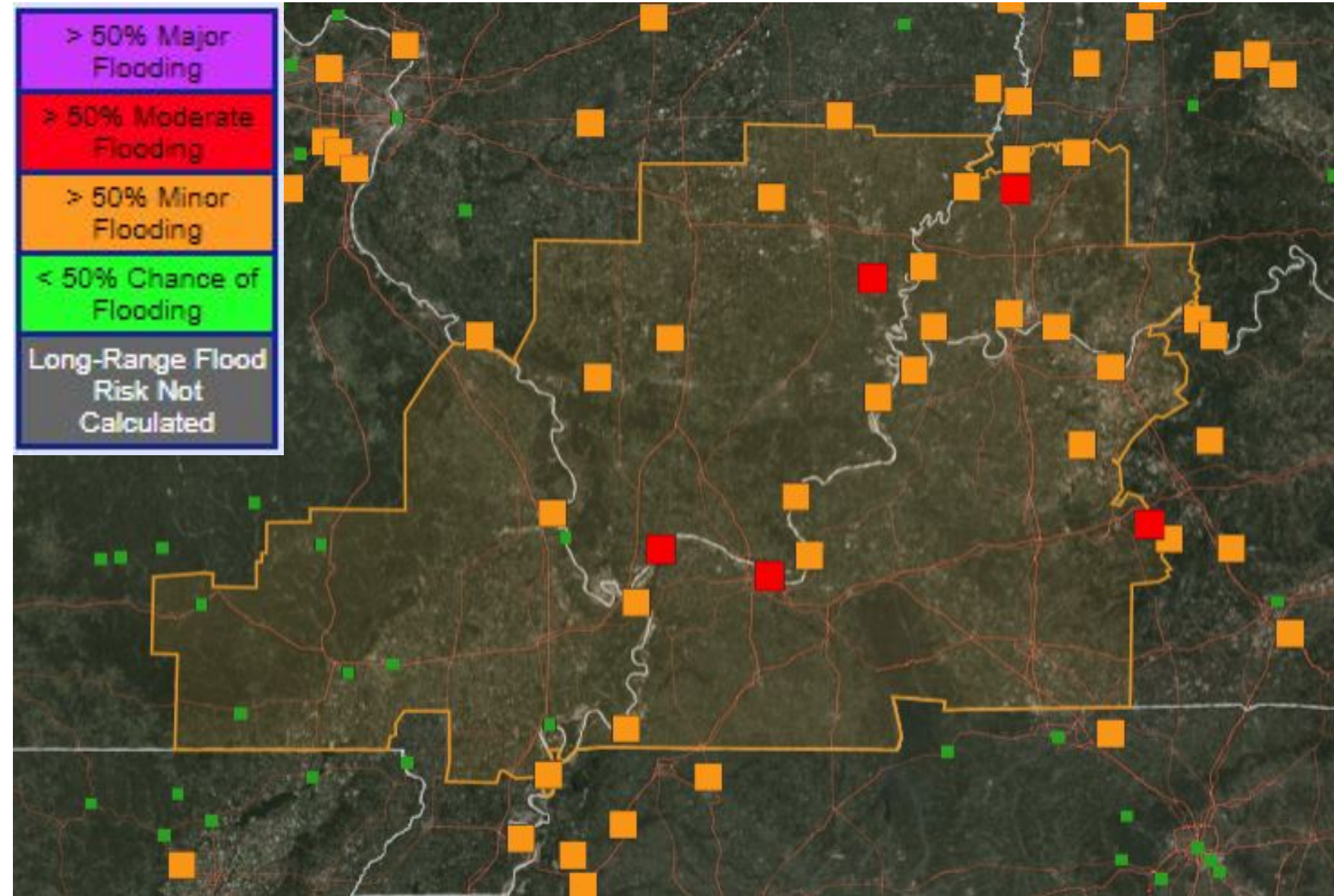
# Spring Flood Outlook

February 13, 2025  
3:00 PM

First Issuance February 13, 2025

## Key Messages

- Normal to below normal flood potential for the Mississippi River and its tributaries; Normal to above normal for the Ohio Valley
- Minor and isolated moderate flooding is expected (50% chance or greater)
- Minor and isolated moderate to major flooding is possible (25% chance or greater) - Ohio Valley
- February through May shows signals for wetter than normal
- Rainfall/thunderstorms will be the primary cause for spring flooding.



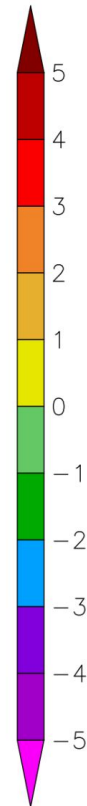
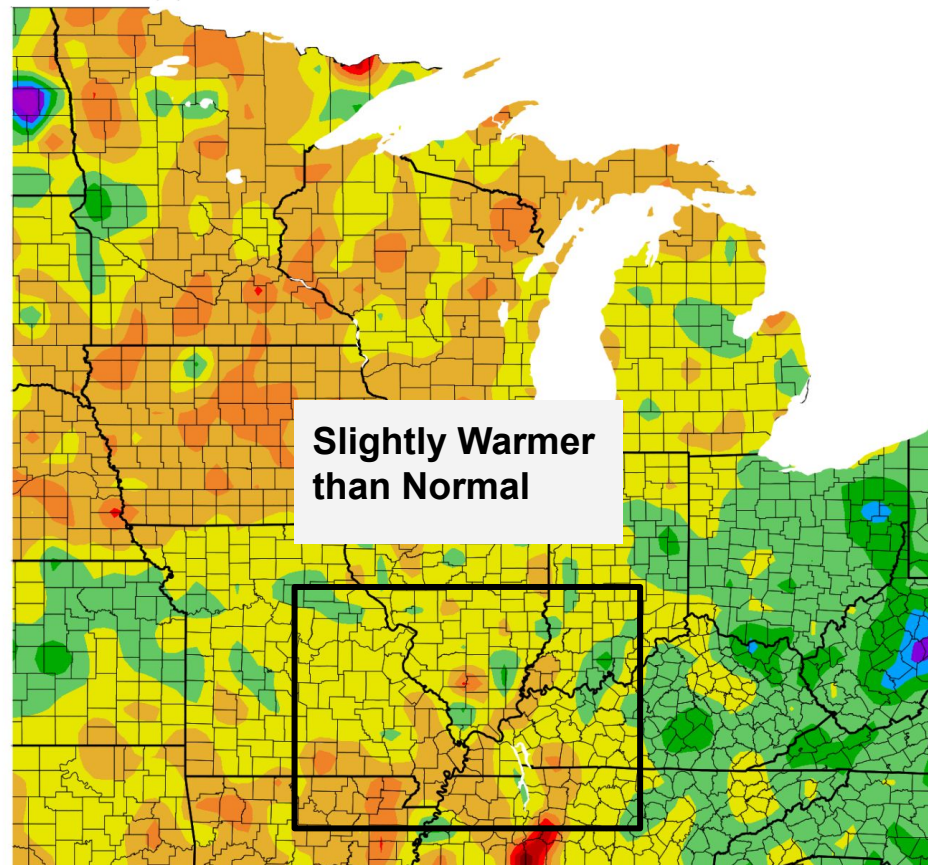


# 90 Day Departures from Normal

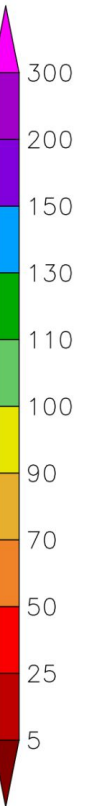
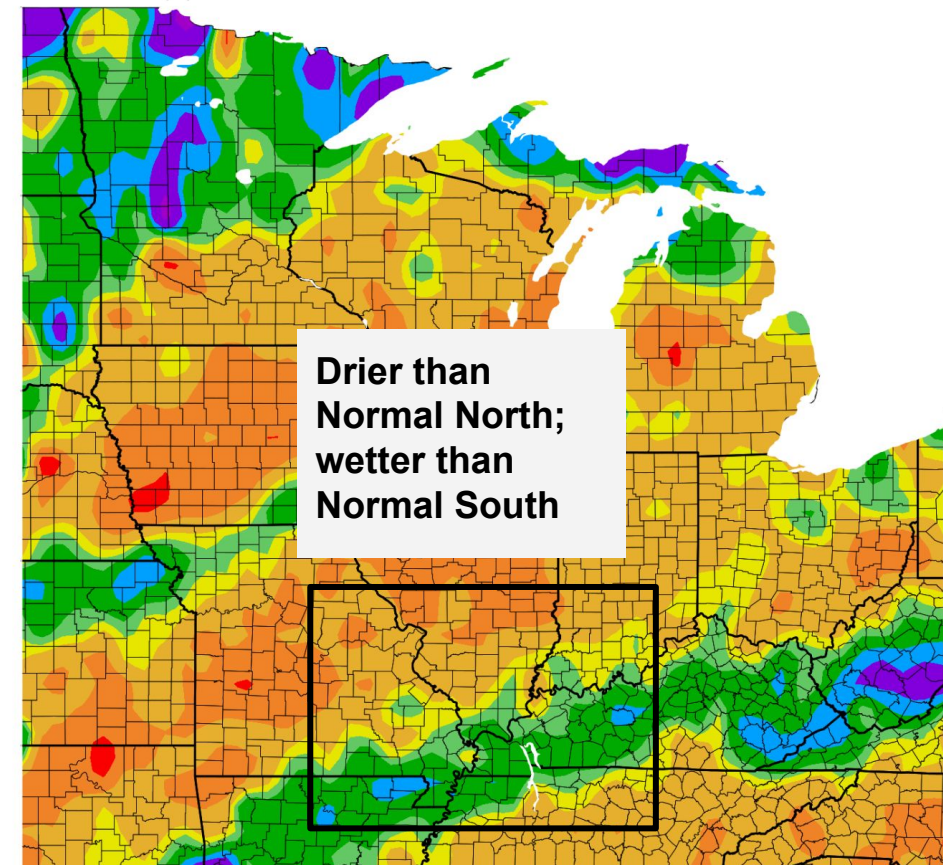
February 13, 2025  
3:00 PM

## Temperature and Precipitation

### Departure from Normal Temperature (F) 11/15/2024 - 2/12/2025



### Percent of Normal Precipitation (%) 11/15/2024 - 2/12/2025



Generated 2/13/2025 at HPRCC using provisional data.

NOAA Regional Climate Centers

Generated 2/13/2025 at HPRCC using provisional data.

NOAA Regional Climate Centers



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

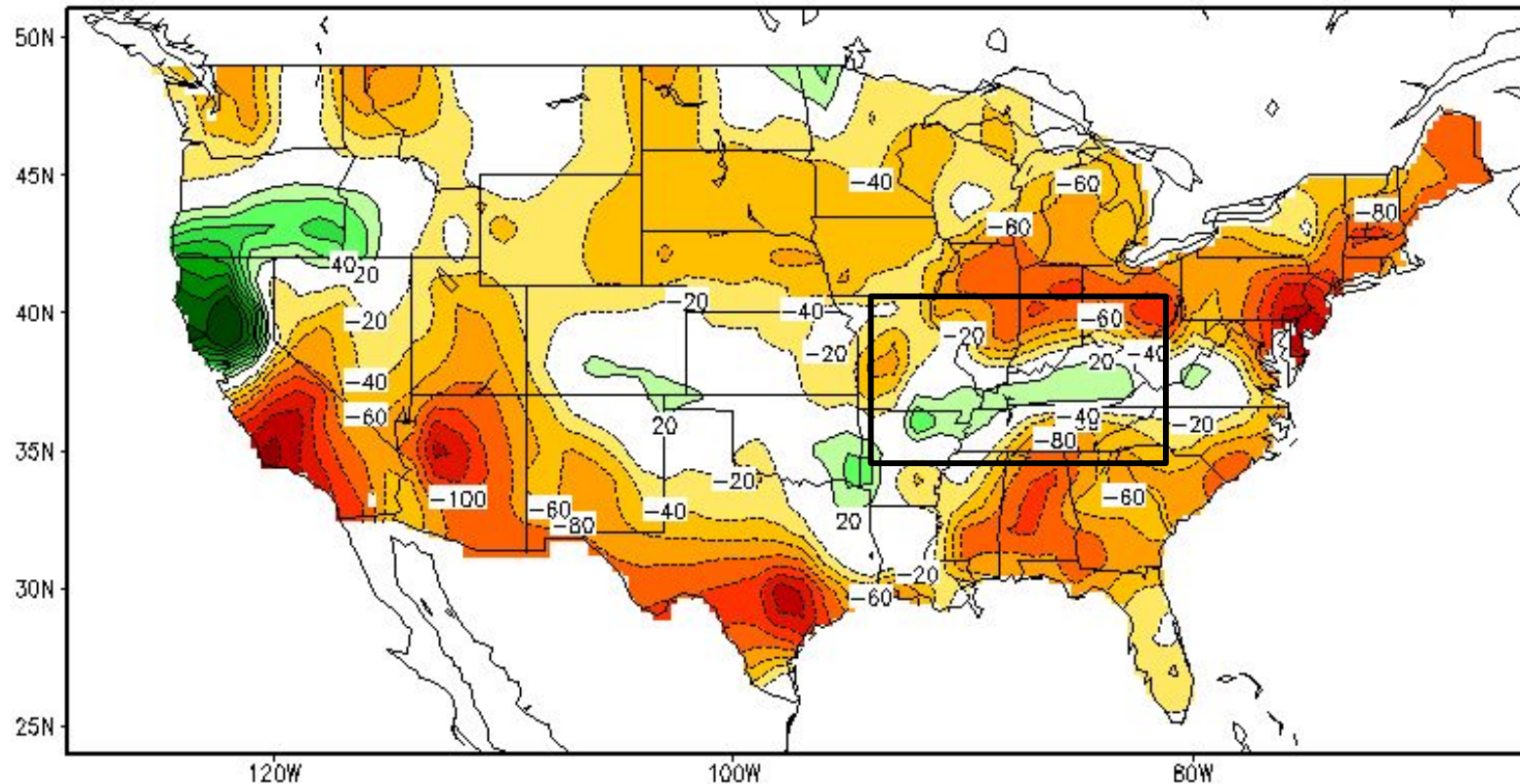
National Weather Service  
Paducah, KY



# Soil Moisture

February 13, 2025  
3:00 PM

Calculated Soil Moisture Anomaly (mm)  
FEB 12, 2025



Soil moisture is above normal in the areas where the heaviest rains have fallen so far this winter.

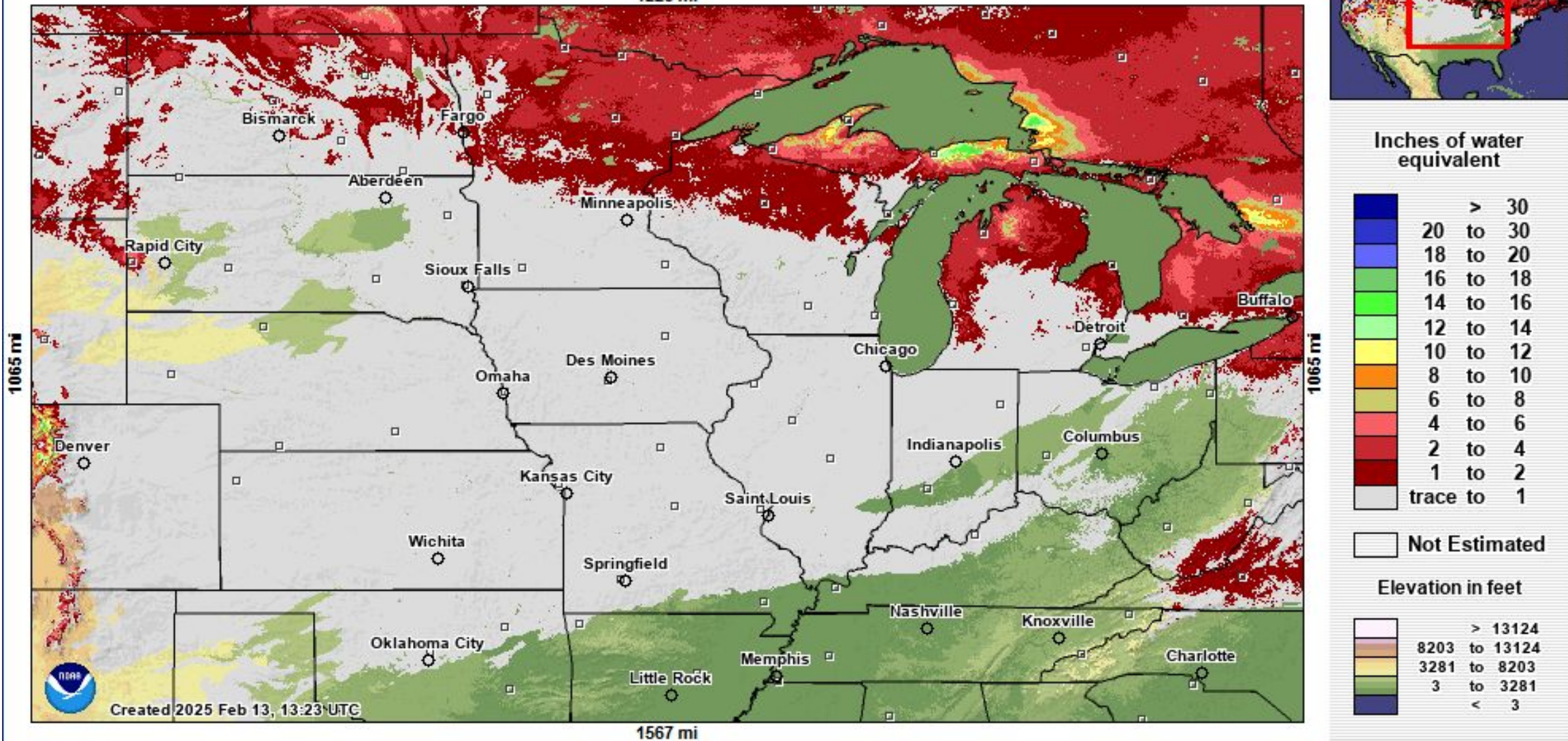




# Snowpack and Snow Water Equivalent

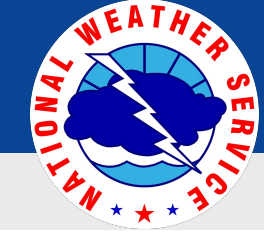
February 13, 2025  
3:00 PM

Modeled Snow Water Equivalent forecasted for 2025 February 13, 15:00 UTC



There is currently little in the way of snow in either the Mississippi or Ohio River Valleys that will contribute to spring flooding.



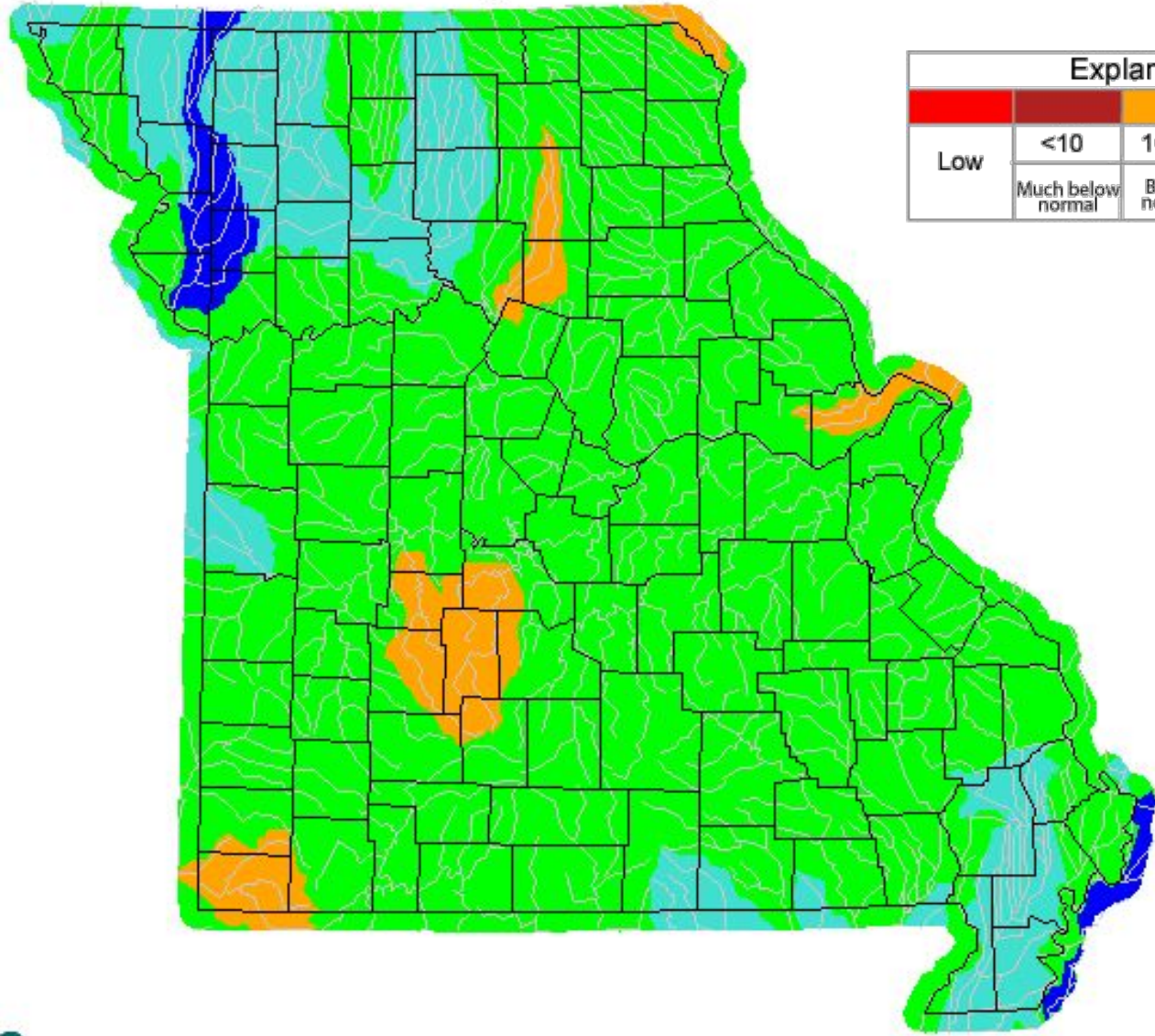


# Current Streamflow (14 day)

February 13, 2025  
3:00 PM

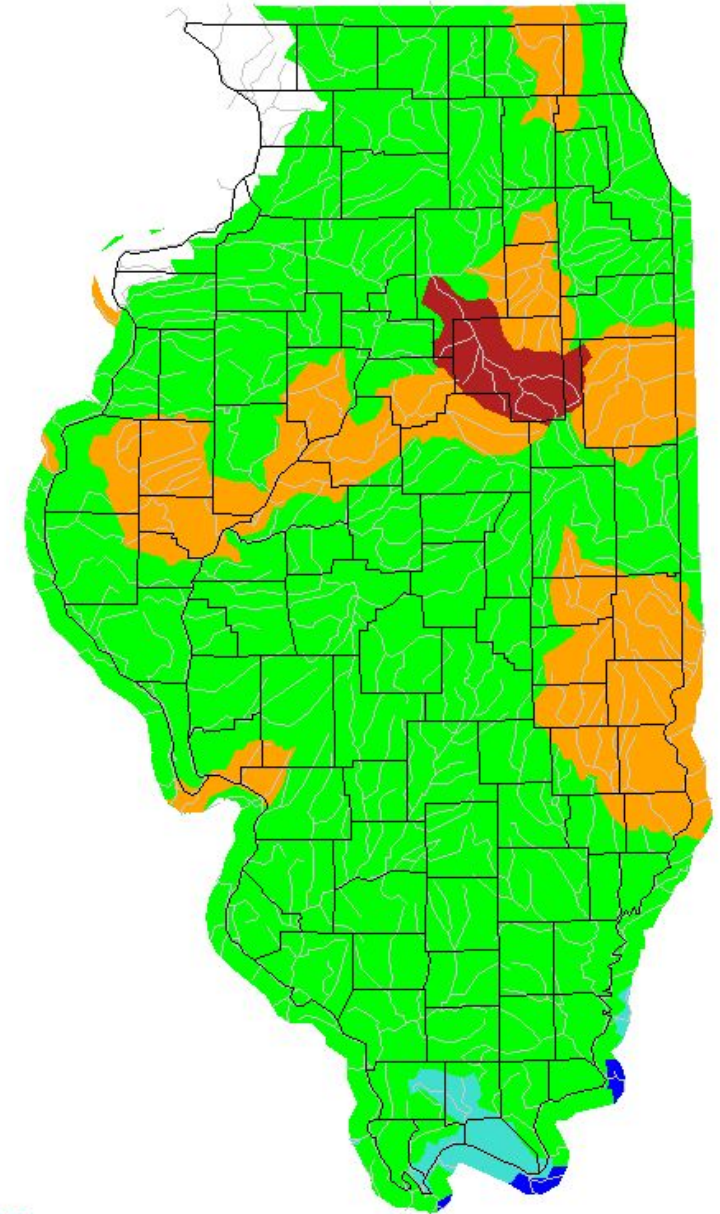
Missouri and Illinois

Wednesday, February 12, 2025



Explanation - Percentile classes							
Low	<10	10-24	25-75	76-90	>90	High	No Data
	Much below normal	Below normal	Normal	Above normal	Much above normal		

Wednesday, February 12, 2025





# Current Streamflow

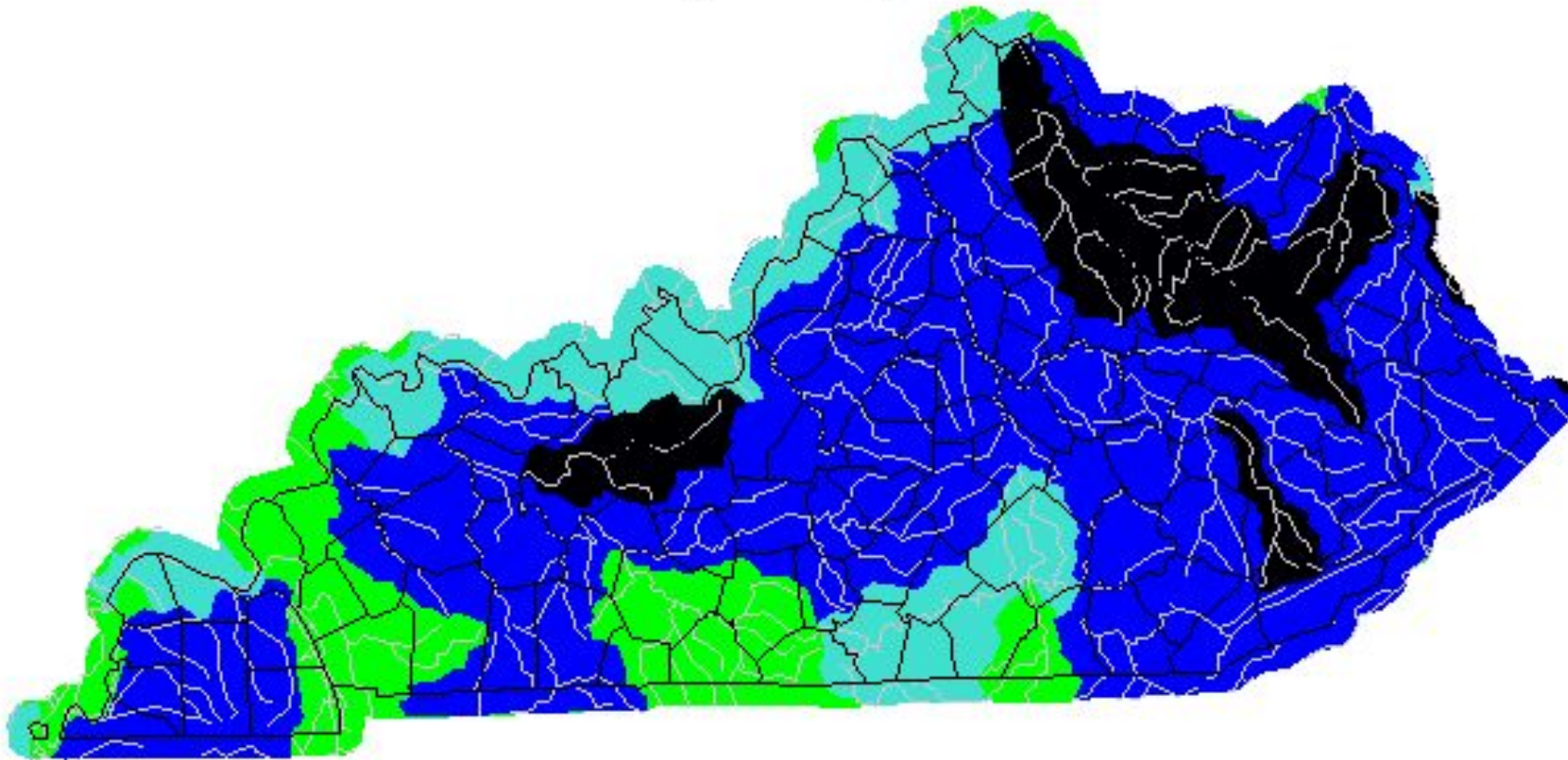
February 13, 2025  
3:00 PM

Kentucky and Indiana

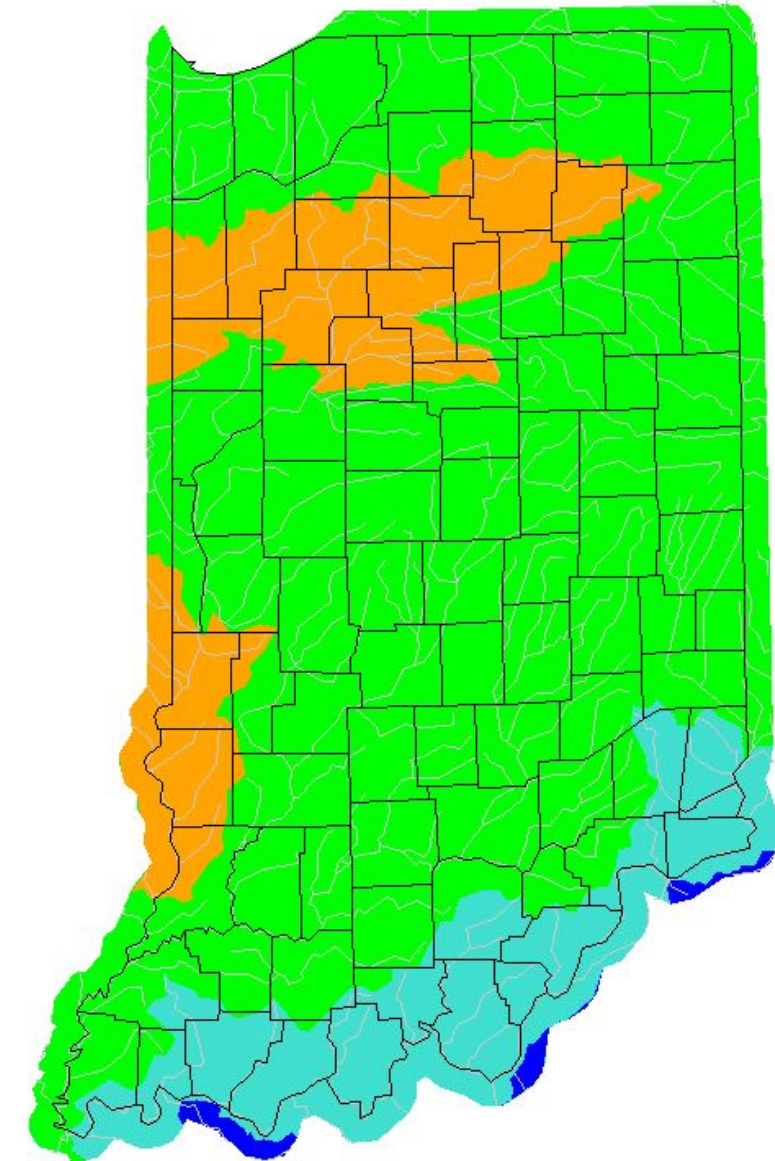
Explanation - Percentile classes

Low	<10	10-24	25-75	76-90	>90	High	No Data	
	Much below normal	Below normal	Normal	Above normal	Much above normal			

Wednesday, February 12, 2025



Wednesday, February 12, 2025





# Current Drought Conditions

February 13, 2025  
3:00 PM

## U.S. Drought Monitor Paducah, KY WFO

February 11, 2025  
(Released Thursday, Feb. 13, 2025)  
Valid 7 a.m. EST



Intensity:

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

*The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <http://droughtmonitor.unl.edu/About.aspx>*

Author:

Lindsay Johnson  
National Drought Mitigation Center



[droughtmonitor.unl.edu](http://droughtmonitor.unl.edu)

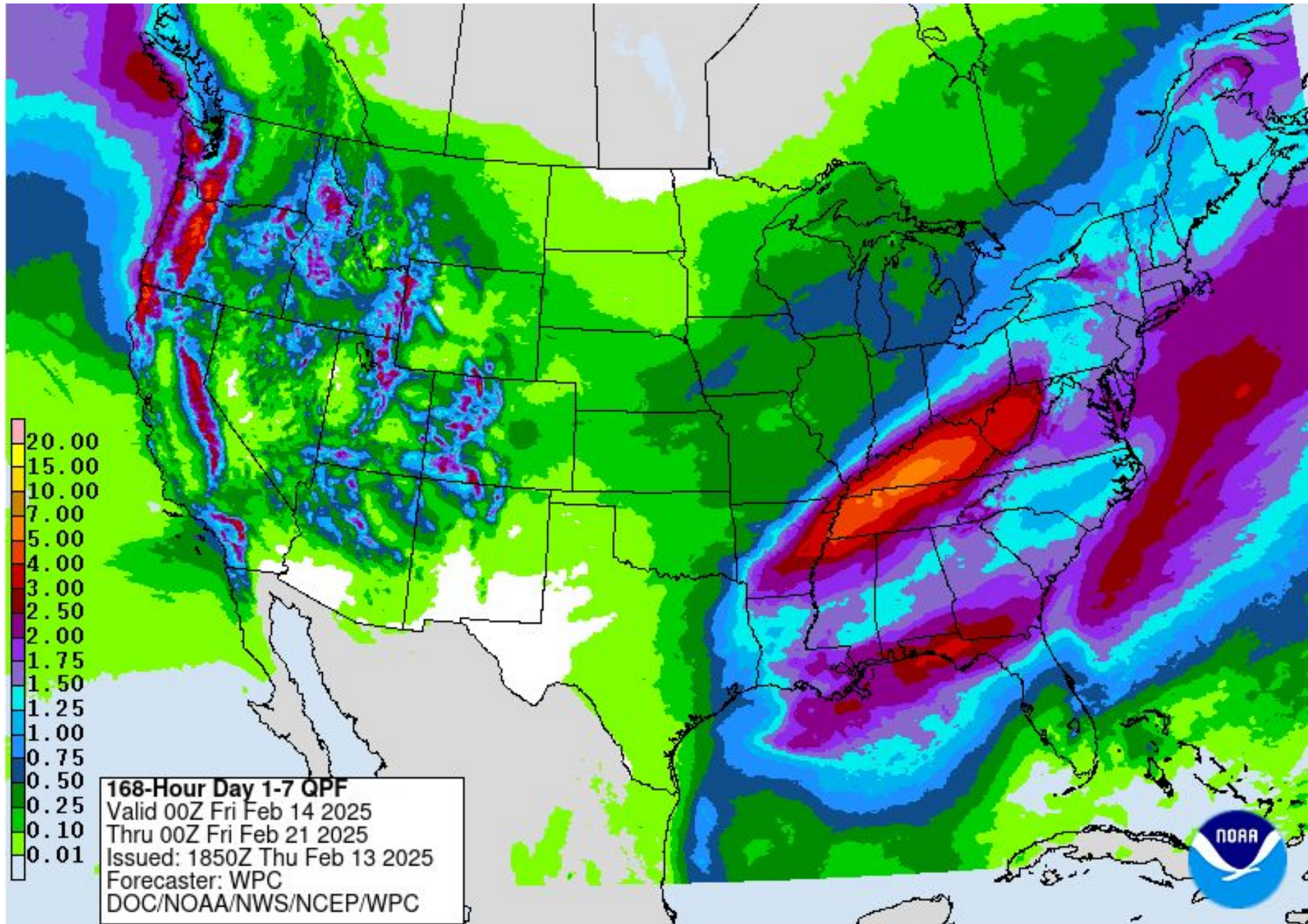
No drought conditions exist across the forecasted region although drier conditions north of us have worked a little south this week.





# 7 Day Rainfall Forecast

February 13, 2025  
3:00 PM



Heavy rain is possible this weekend starting Friday night and lasting through the day Saturday. The heaviest rains will fall on Saturday.

Areas north of the Ohio River and west of the Mississippi River can expect 1 to 2 ½ inches. Most of west Kentucky can expect 3 to 4 inches with isolated higher amounts of 5 to 6 inches.







# 8 to 14 Day Forecast

February 13, 2025  
3:00 PM

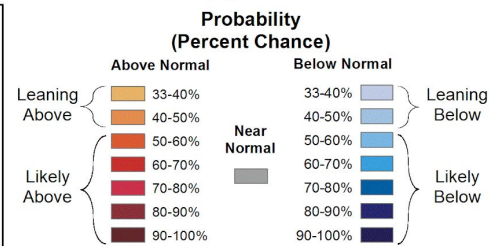
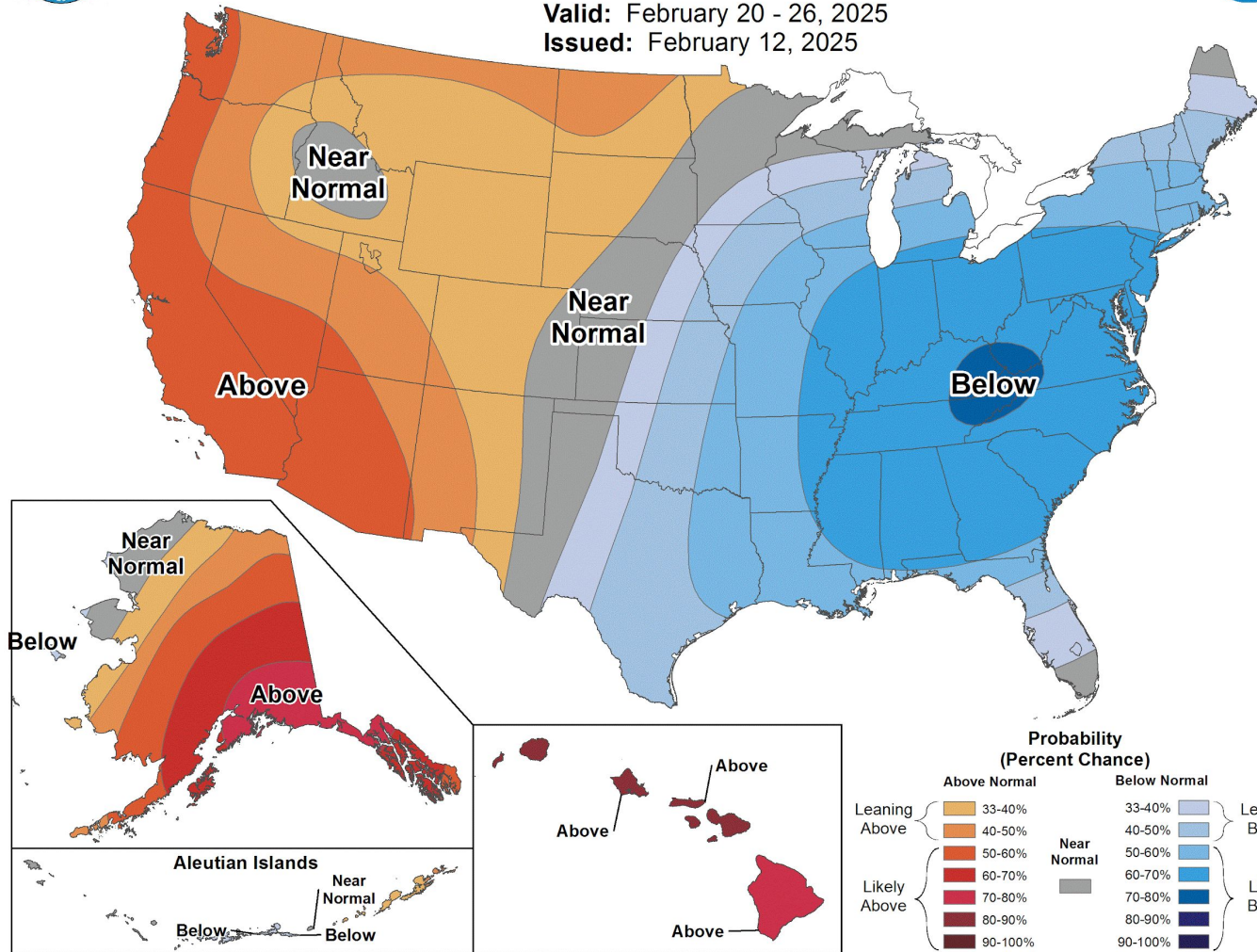
February 20 - 26, 2025



## 8-14 Day Temperature Outlook



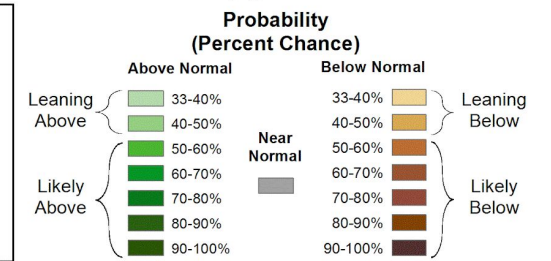
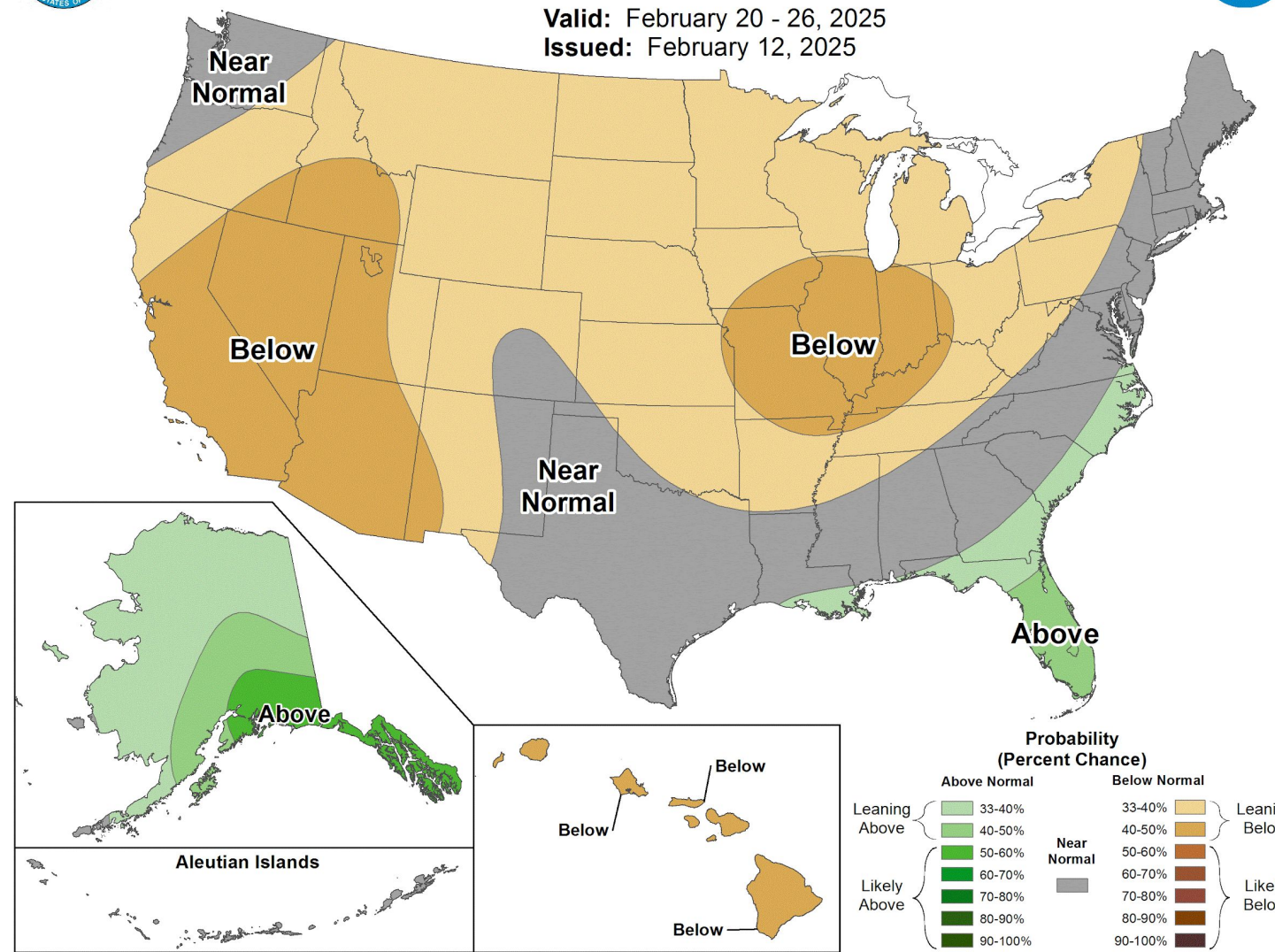
Valid: February 20 - 26, 2025  
Issued: February 12, 2025



## 8-14 Day Precipitation Outlook



Valid: February 20 - 26, 2025  
Issued: February 12, 2025





# February Outlook

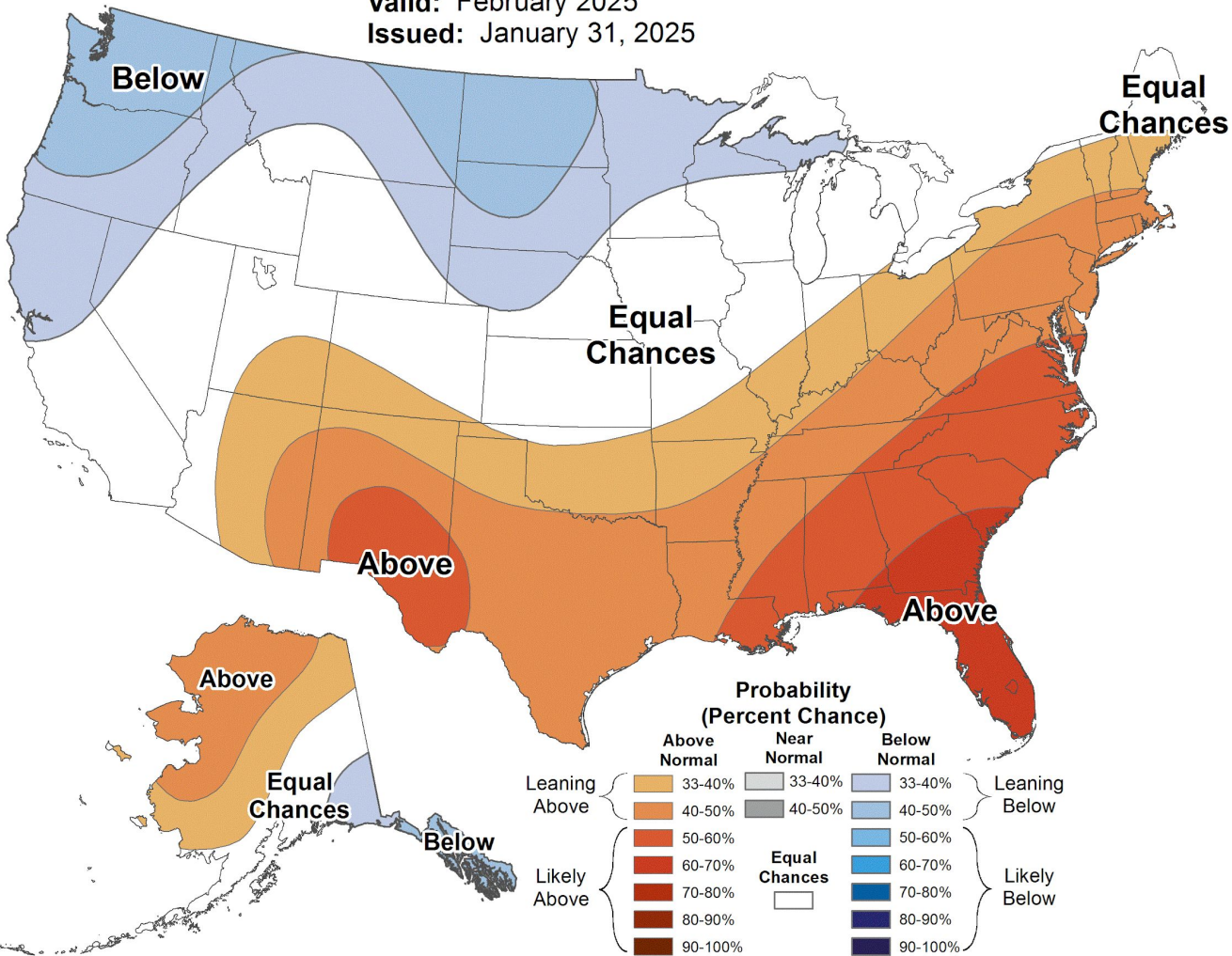
February 13, 2025  
3:00 PM



## Monthly Temperature Outlook



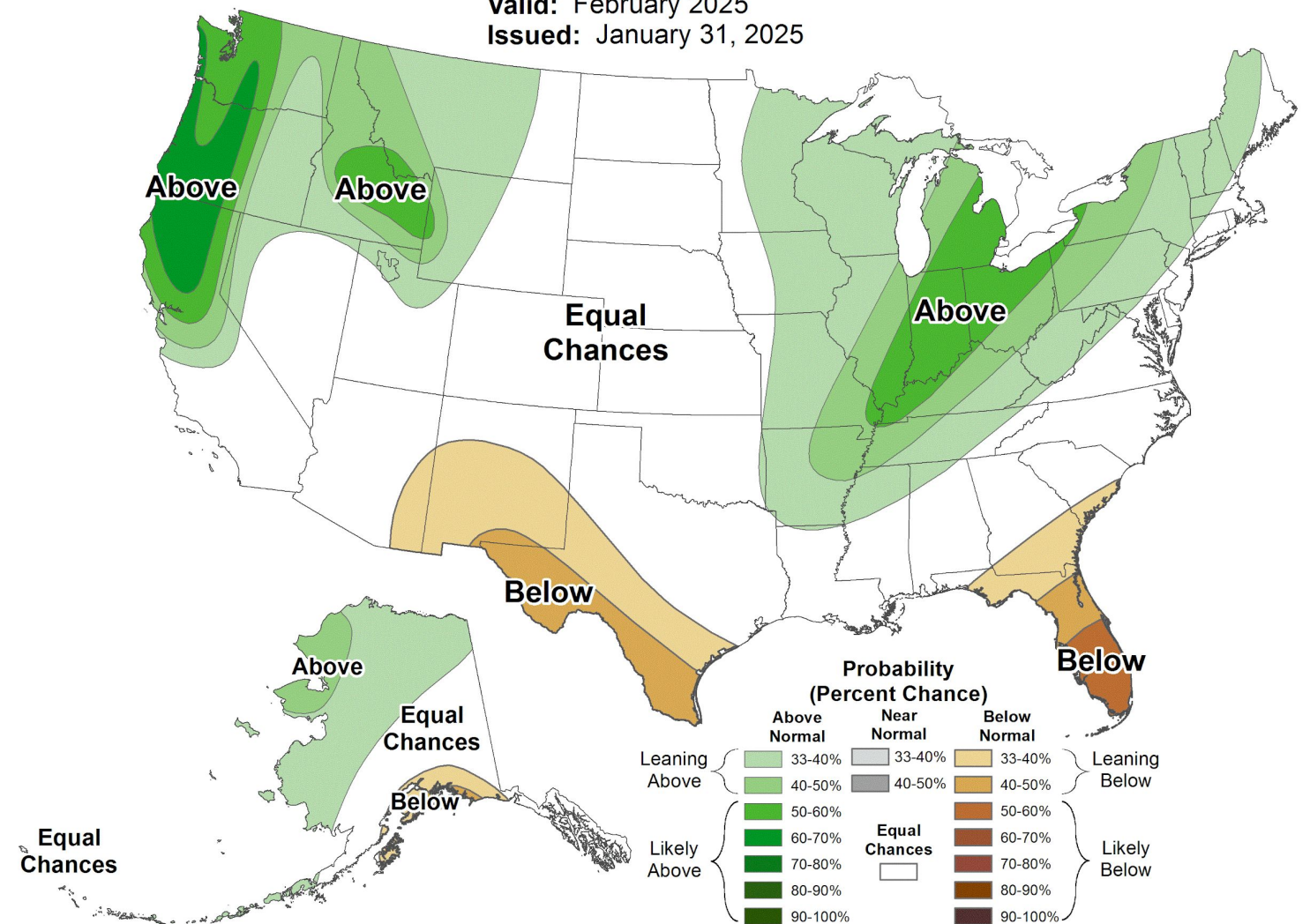
Valid: February 2025  
Issued: January 31, 2025

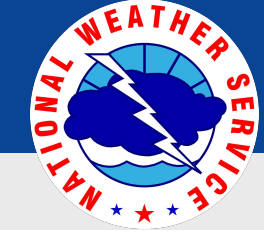


## Monthly Precipitation Outlook



Valid: February 2025  
Issued: January 31, 2025





# Seasonal Outlook

February 13, 2025  
3:00 PM

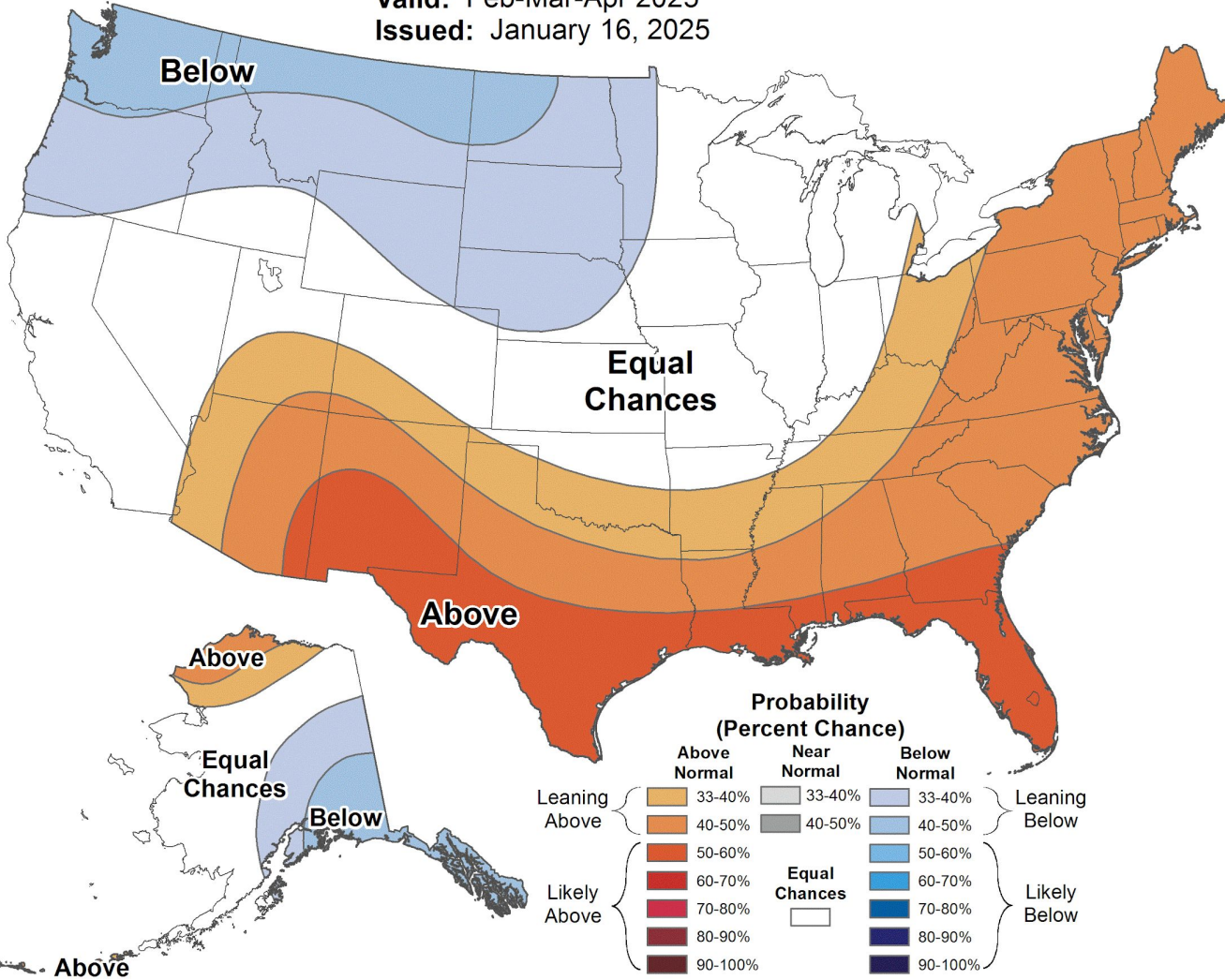
February - April 2025



## Seasonal Temperature Outlook



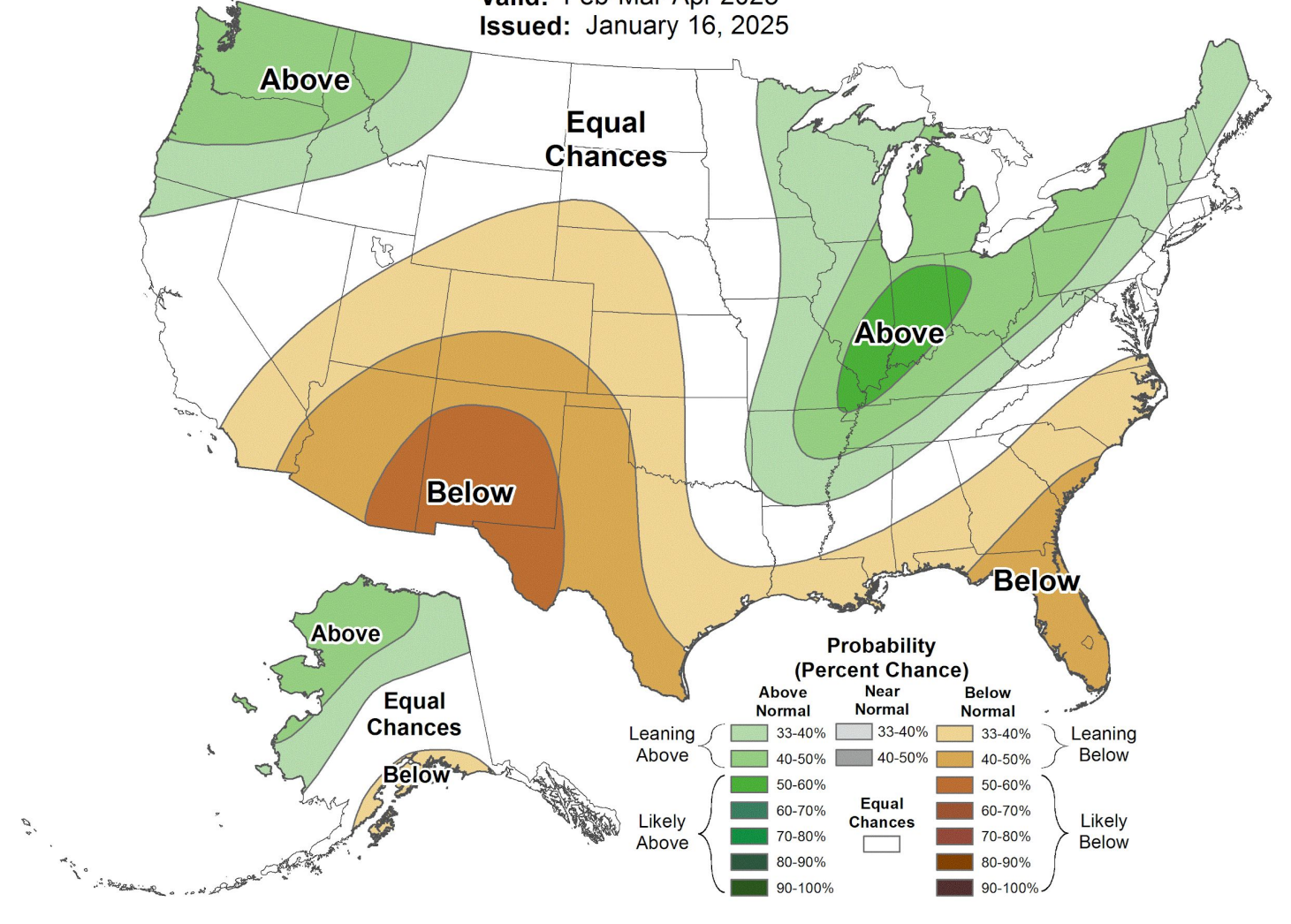
Valid: Feb-Mar-Apr 2025  
Issued: January 16, 2025



## Seasonal Precipitation Outlook



Valid: Feb-Mar-Apr 2025  
Issued: January 16, 2025





## Summary

- Normal to above normal flood potential in the Ohio Valley; normal to below normal flood potential in the Mississippi Valley
- Minor flooding is expected to occur; isolated moderate to major flooding is possible
- Heavy rainfall/thunderstorms will be the driving force for any flooding this spring