



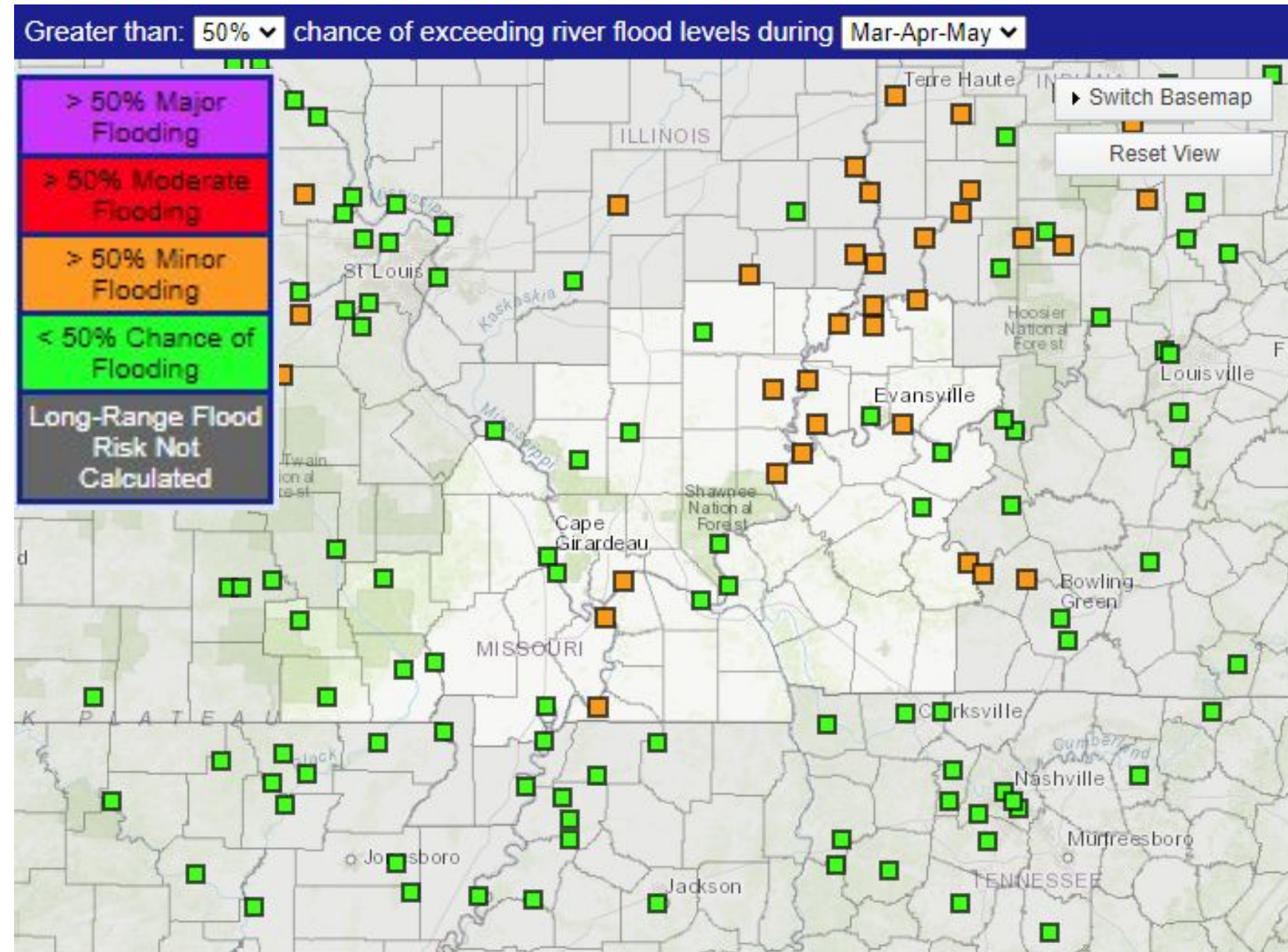
Spring Flood Outlook

March 14, 2024
4:00 PM

Third and Final Issuance March 14, 2024

Key Messages

- Normal to below normal flood potential
- Minor flooding is expected (50% chance or greater)
- Moderate flooding is possible (25% chance or greater) - parts of southern Illinois and southwest Indiana
- No strong signal for a wet or dry pattern through March
- April and May show signals for warmer and wetter than normal
- Rainfall/thunderstorms will be the primary cause for spring flooding.



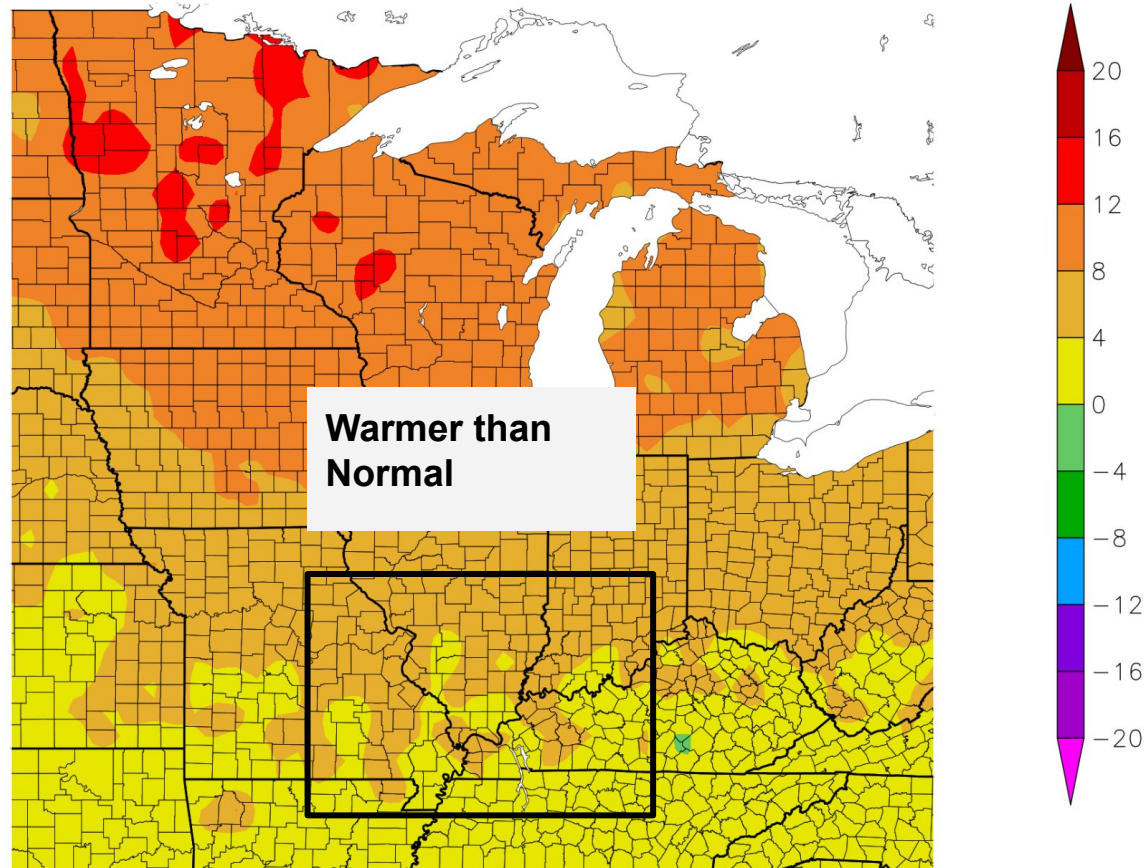


90 Day Departures from Normal

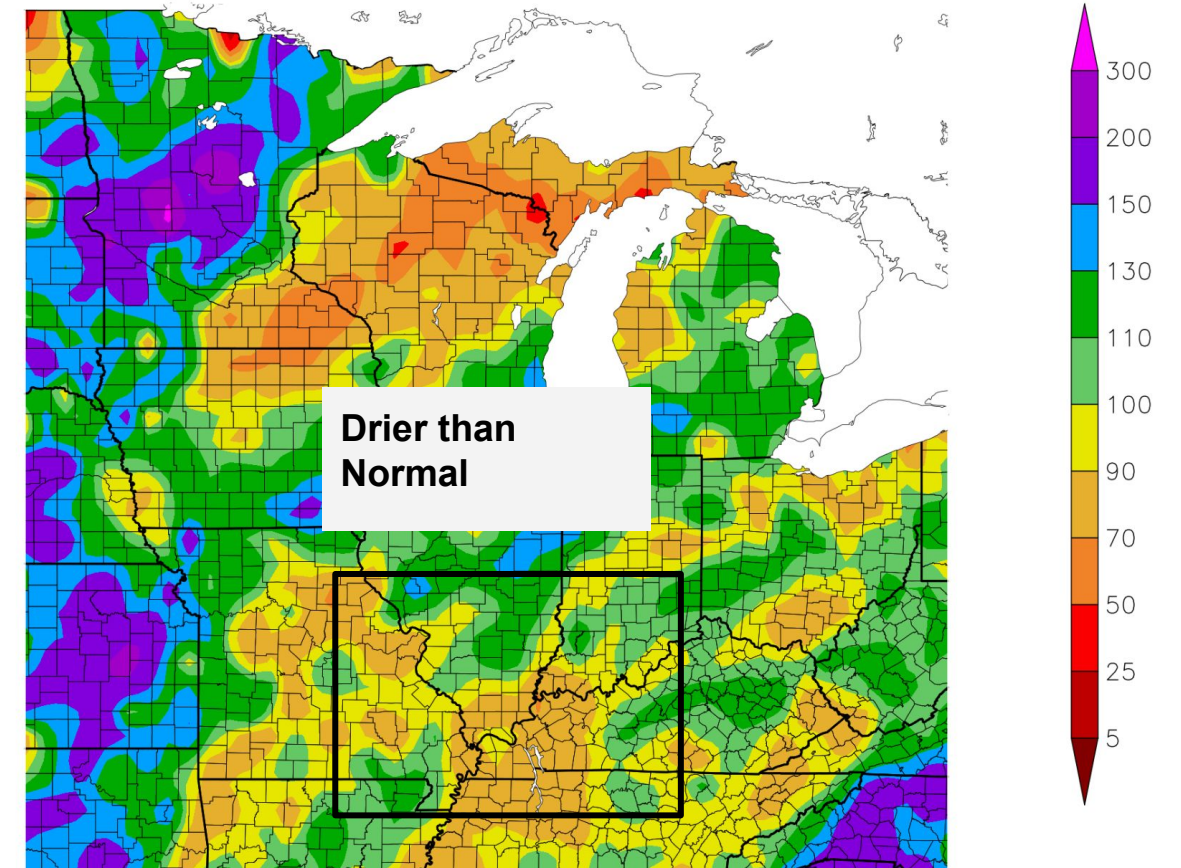
March 14, 2024
4:00 PM

Temperature and Precipitation

Departure from Normal Temperature (F)
12/15/2023 – 3/13/2024



Percent of Normal Precipitation (%)
12/15/2023 – 3/13/2024

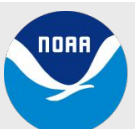


Generated 3/14/2024 at HPRCC using provisional data.

NOAA Regional Climate Centers

Generated 3/14/2024 at HPRCC using provisional data.

NOAA Regional Climate Centers



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

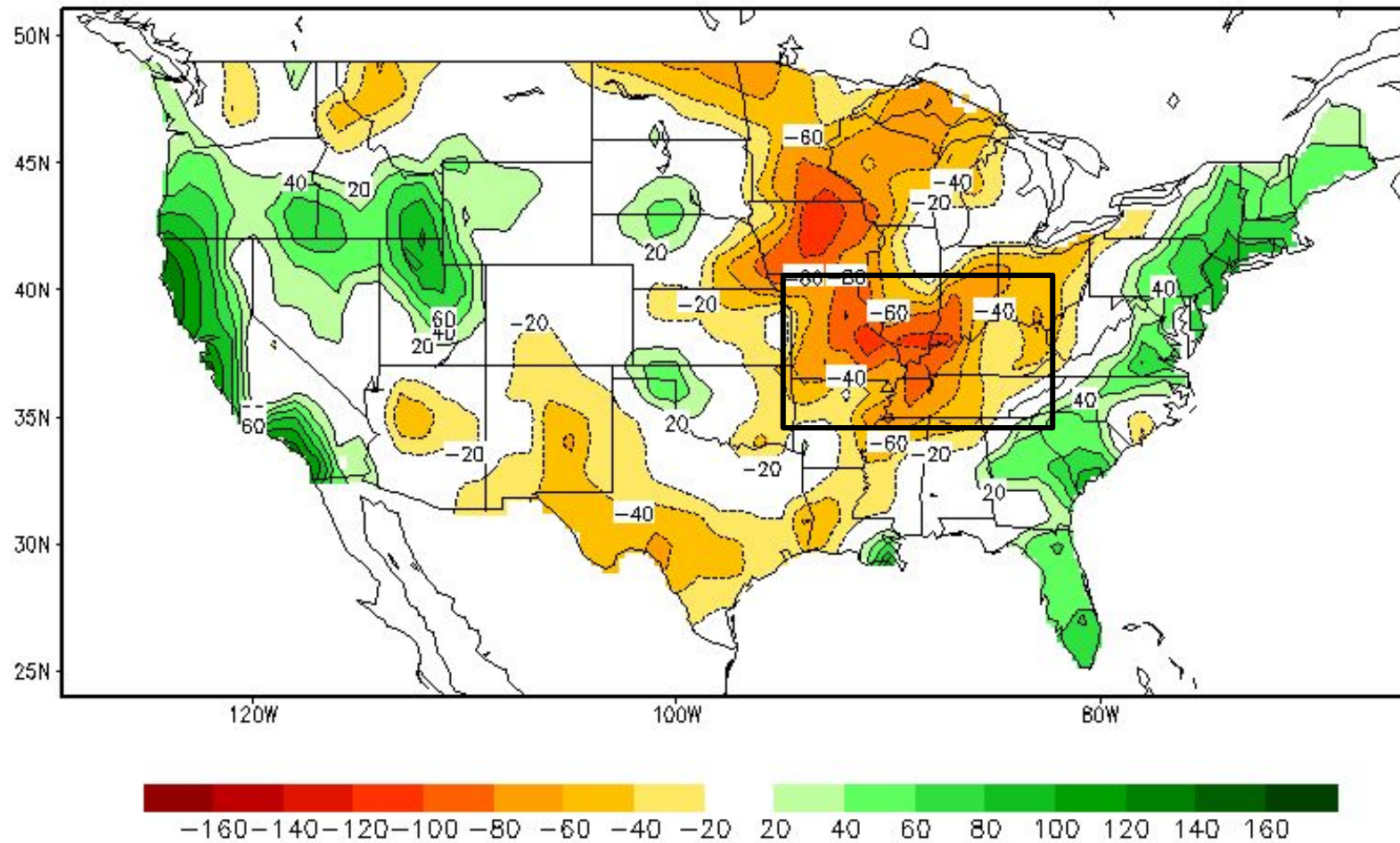
National Weather Service
Paducah, KY



Soil Moisture

March 14, 2024
4:00 PM

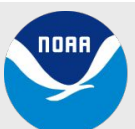
Calculated Soil Moisture Anomaly (mm)
MAR 13, 2024



Slightly dry but improving from drought conditions last Fall.

Deeper moisture is rebounding as well.

We are drier than this time last year.

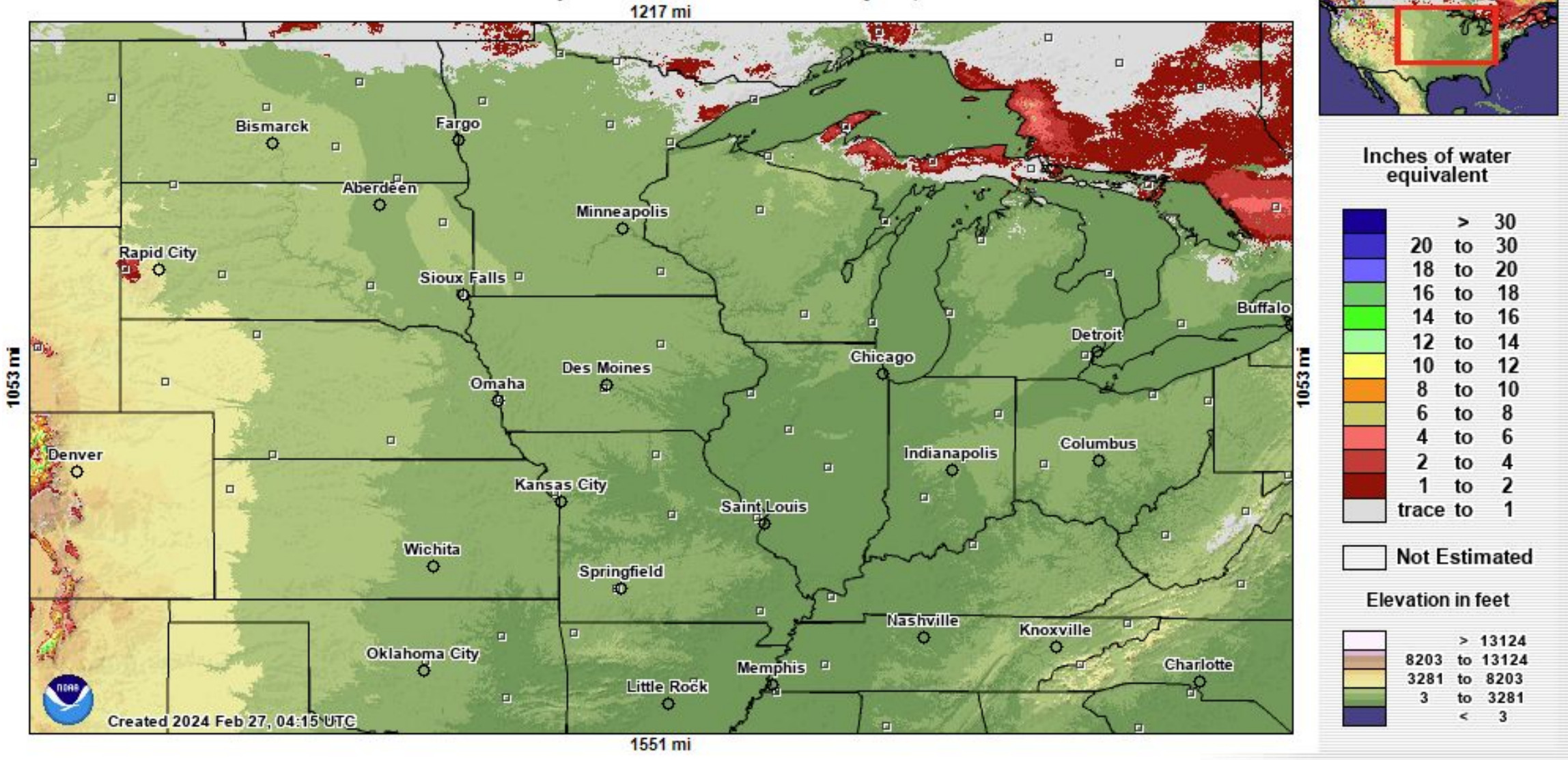




Snowpack and Snow Water Equivalent

March 14, 2024
4:00 PM

Modeled Snow Water Equivalent for 2024 February 26, 19:00 UTC



There is currently no snow or ice across our region.

There is currently no snowpack that will contribute to spring flooding.



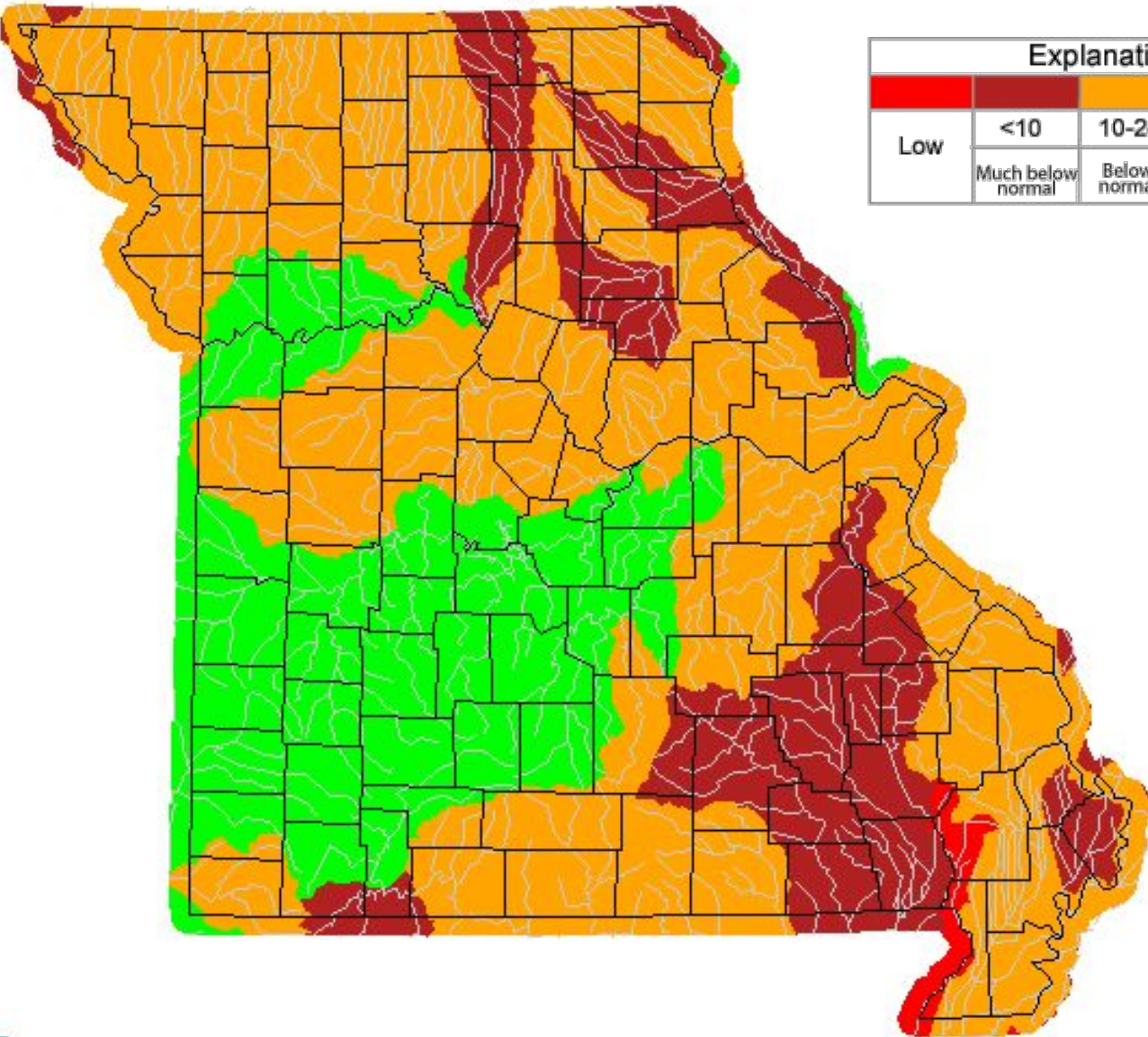


Current Streamflow (14 day)

March 14, 2024
4:00 PM

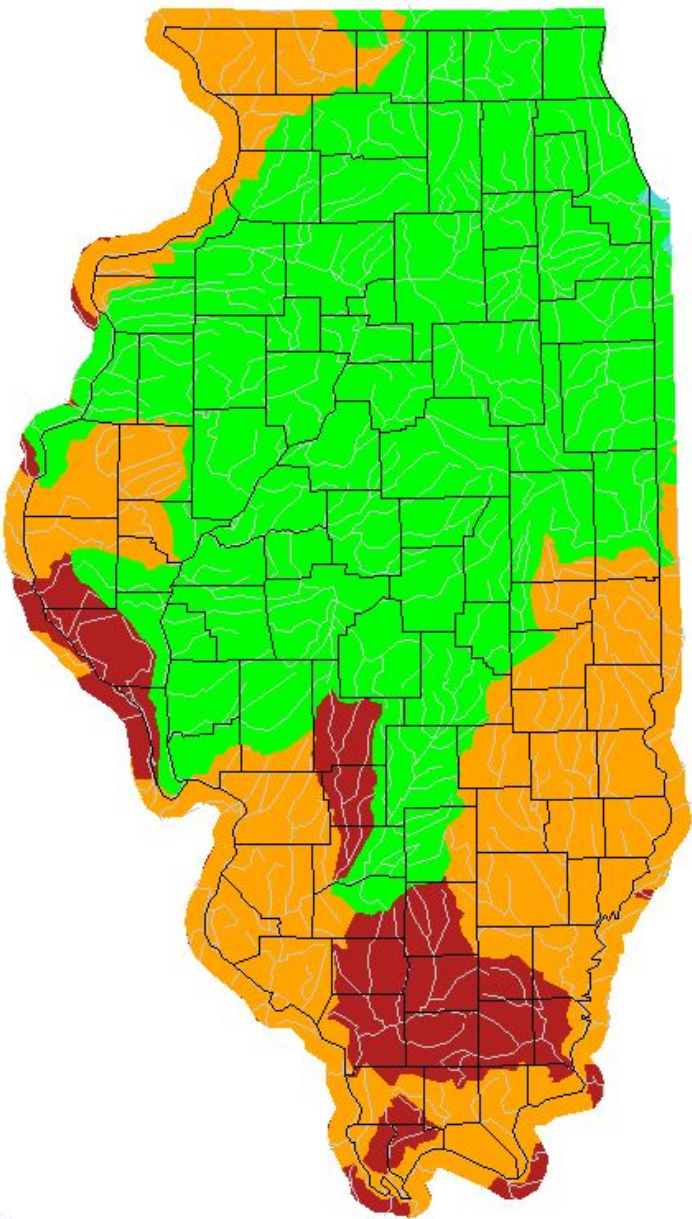
Missouri and Illinois

Wednesday, March 13, 2024



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

Wednesday, March 13, 2024





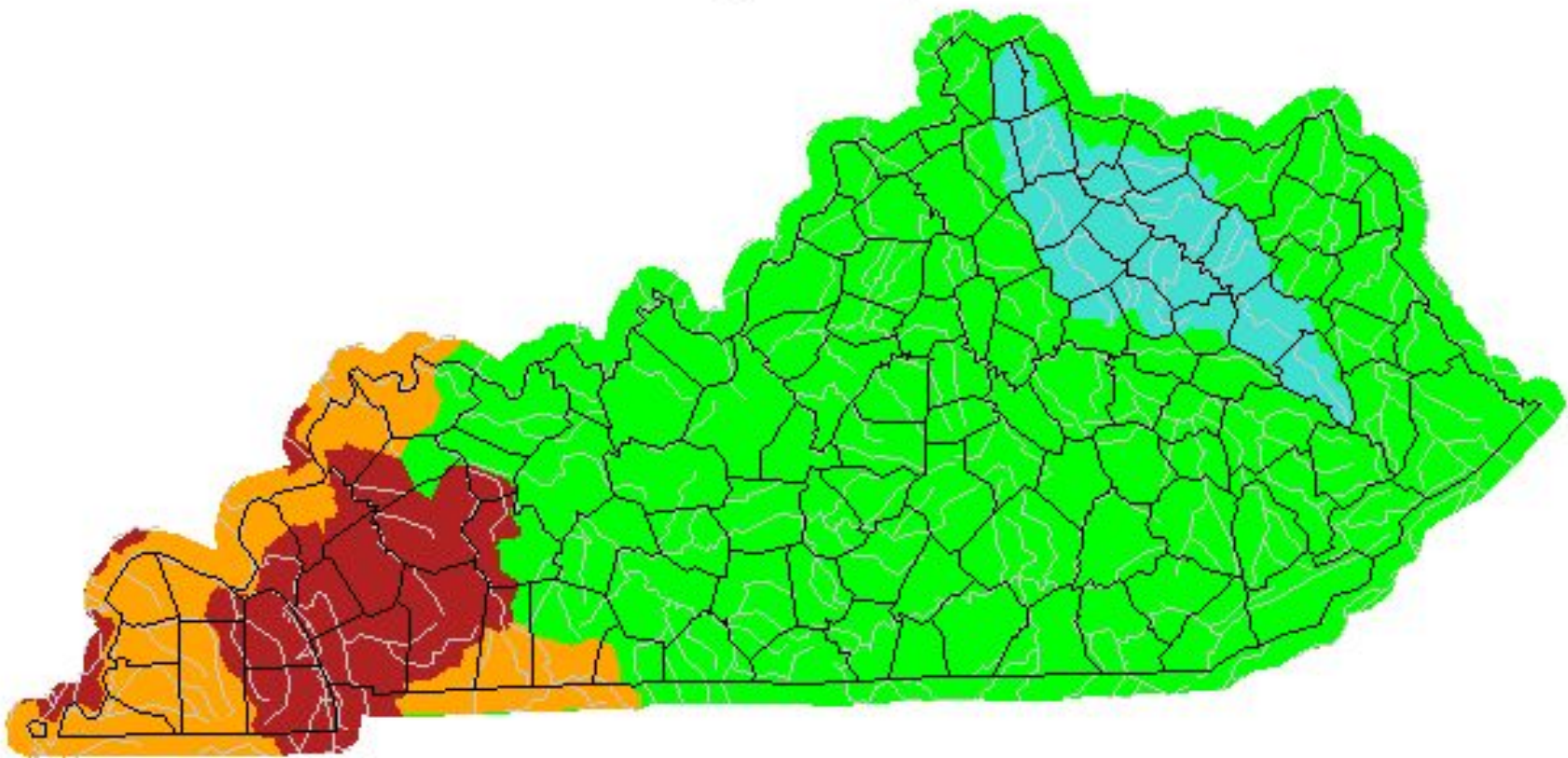
Current Streamflow

Kentucky and Indiana

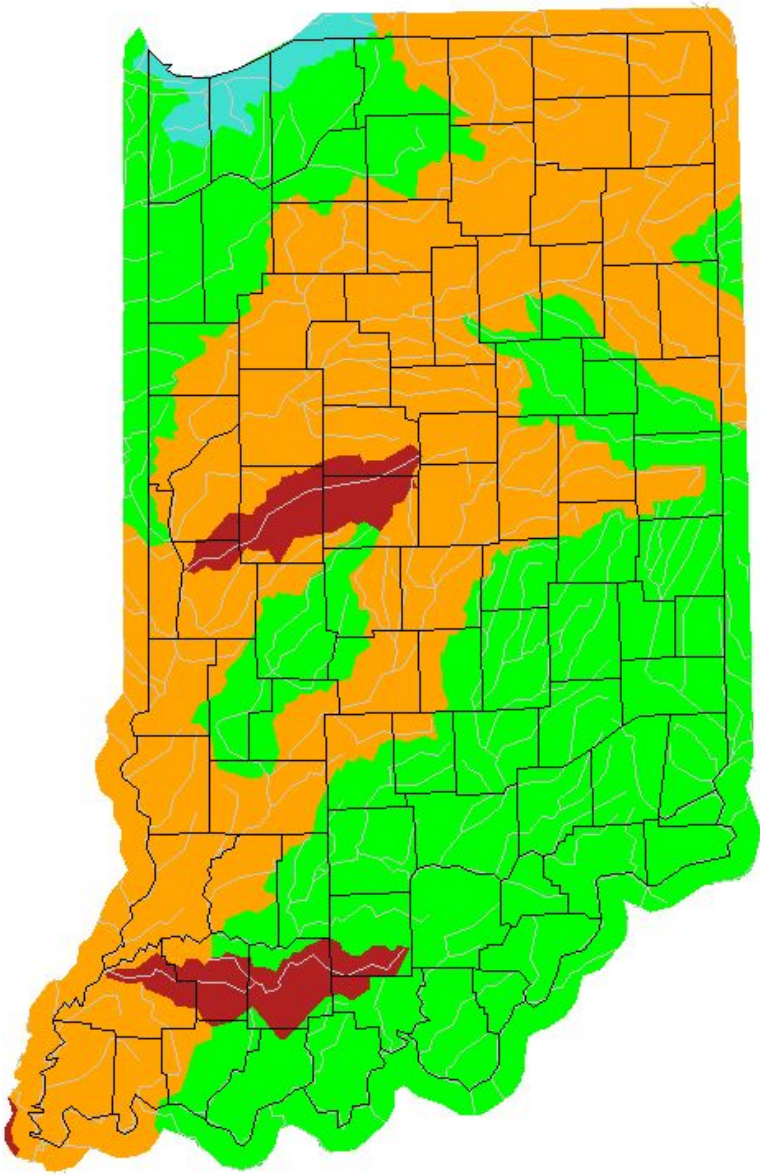
March 14, 2024
4:00 PM

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, March 13, 2024



Wednesday, March 13, 2024



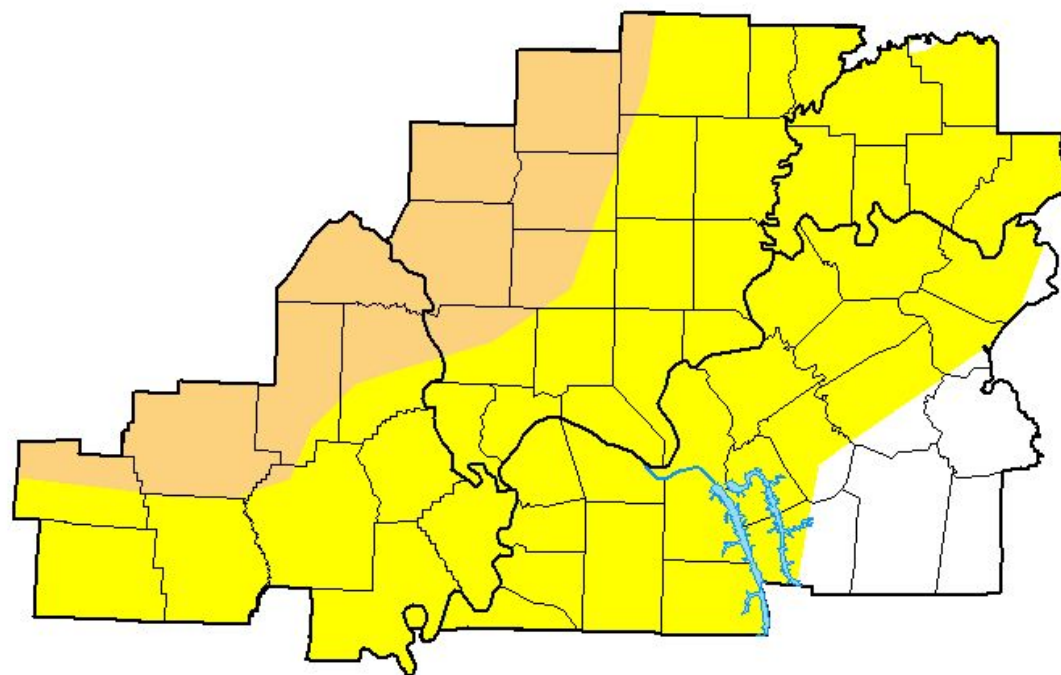


Current Drought Conditions

March 14, 2024
4:00 PM

U.S. Drought Monitor Paducah, KY WFO

March 12, 2024
(Released Thursday, Mar. 14, 2024)
Valid 8 a.m. EDT



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 <https://droughtmonitor.unl.edu/About.aspx>

Author:

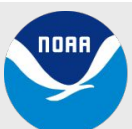
Curtis Riganti
National Drought Mitigation Center



droughtmonitor.unl.edu

Moderate drought is returning to the far northwest counties.

Abnormally Dry conditions continue to expand to the southeast.



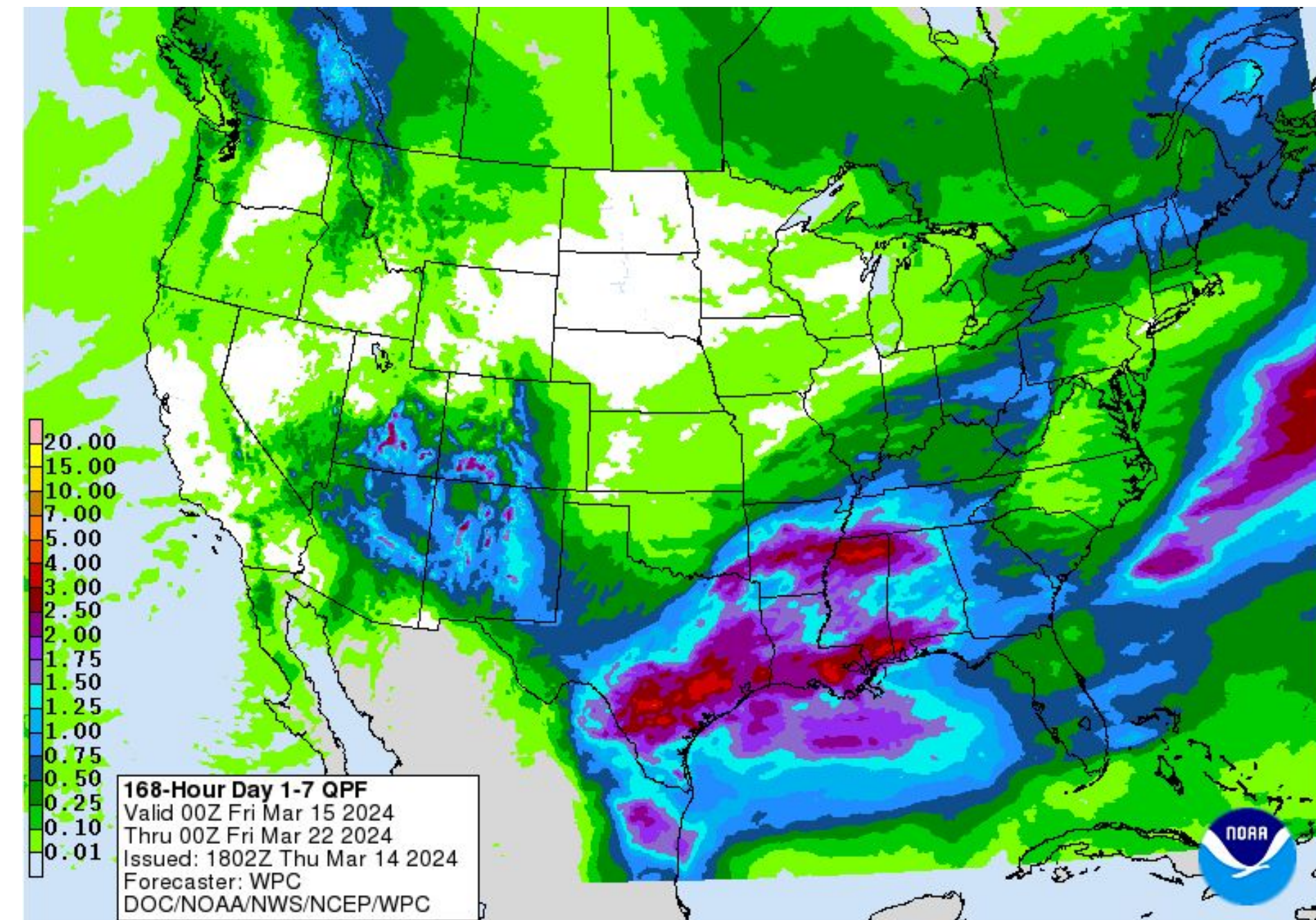
National Oceanic and
Atmospheric Administration
U.S. Department of Commerce

National Weather Service
Paducah, KY



7 Day Rainfall Forecast

March 14, 2024
4:00 PM



Rain amounts from $\frac{1}{2}$ inch up to $1\frac{1}{2}$ inches is possible over the next few days. Heaviest rain will remain along the Gulf Coast states.





8 to 14 Day Forecast

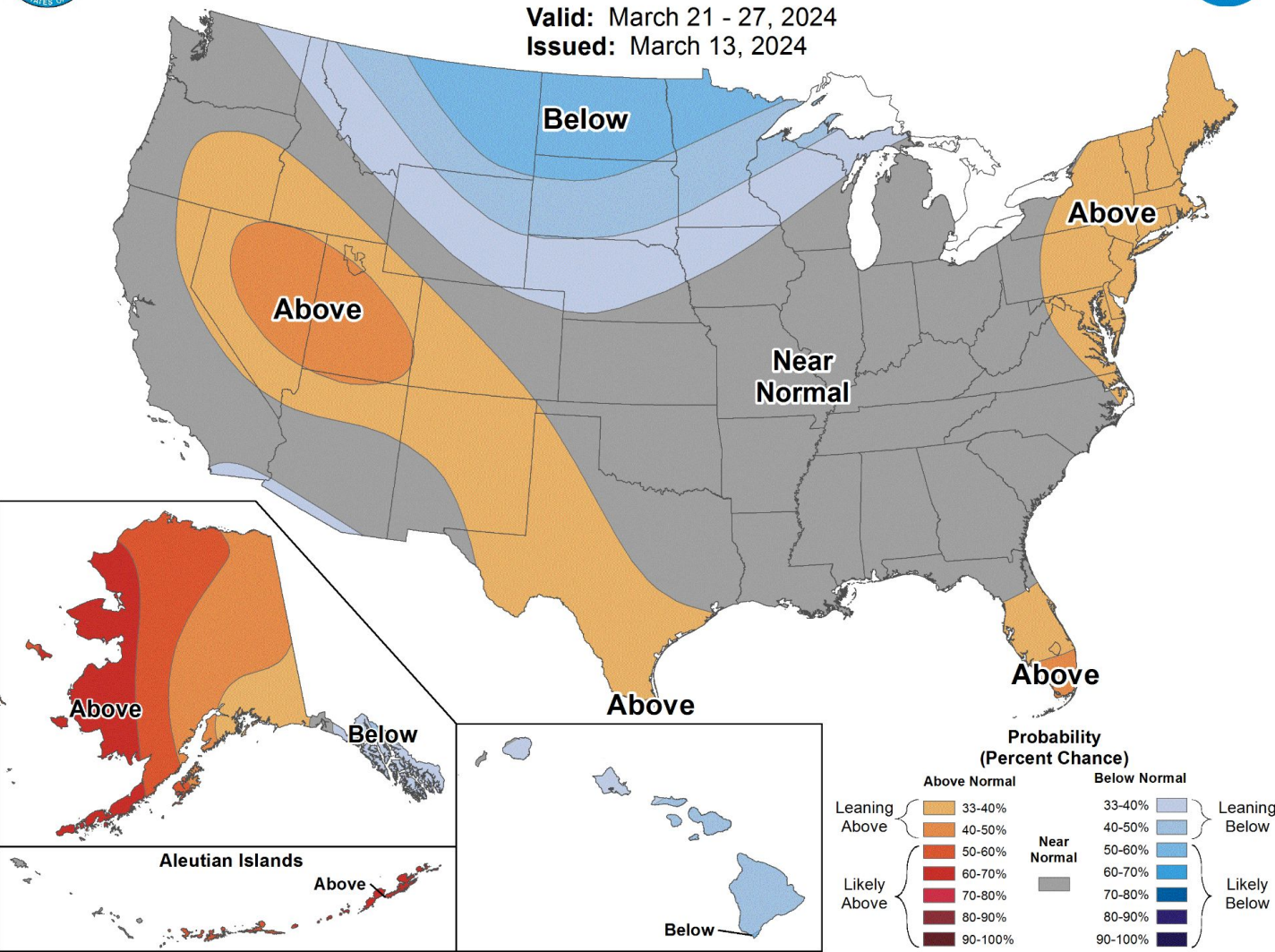
March 14, 2024
4:00 PM

March 21 - 27, 2024



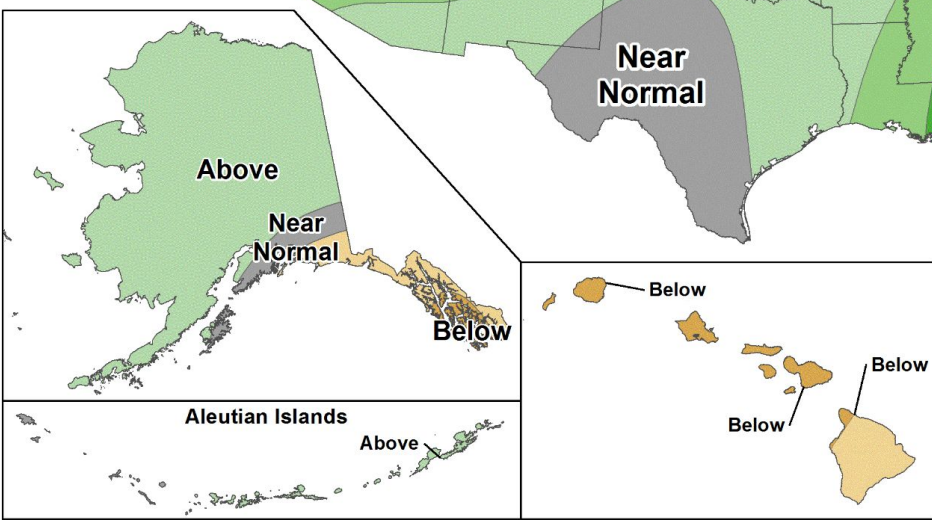
8-14 Day Temperature Outlook

Valid: March 21 - 27, 2024
Issued: March 13, 2024



8-14 Day Precipitation Outlook

Valid: March 21 - 27, 2024
Issued: March 13, 2024





March Outlook

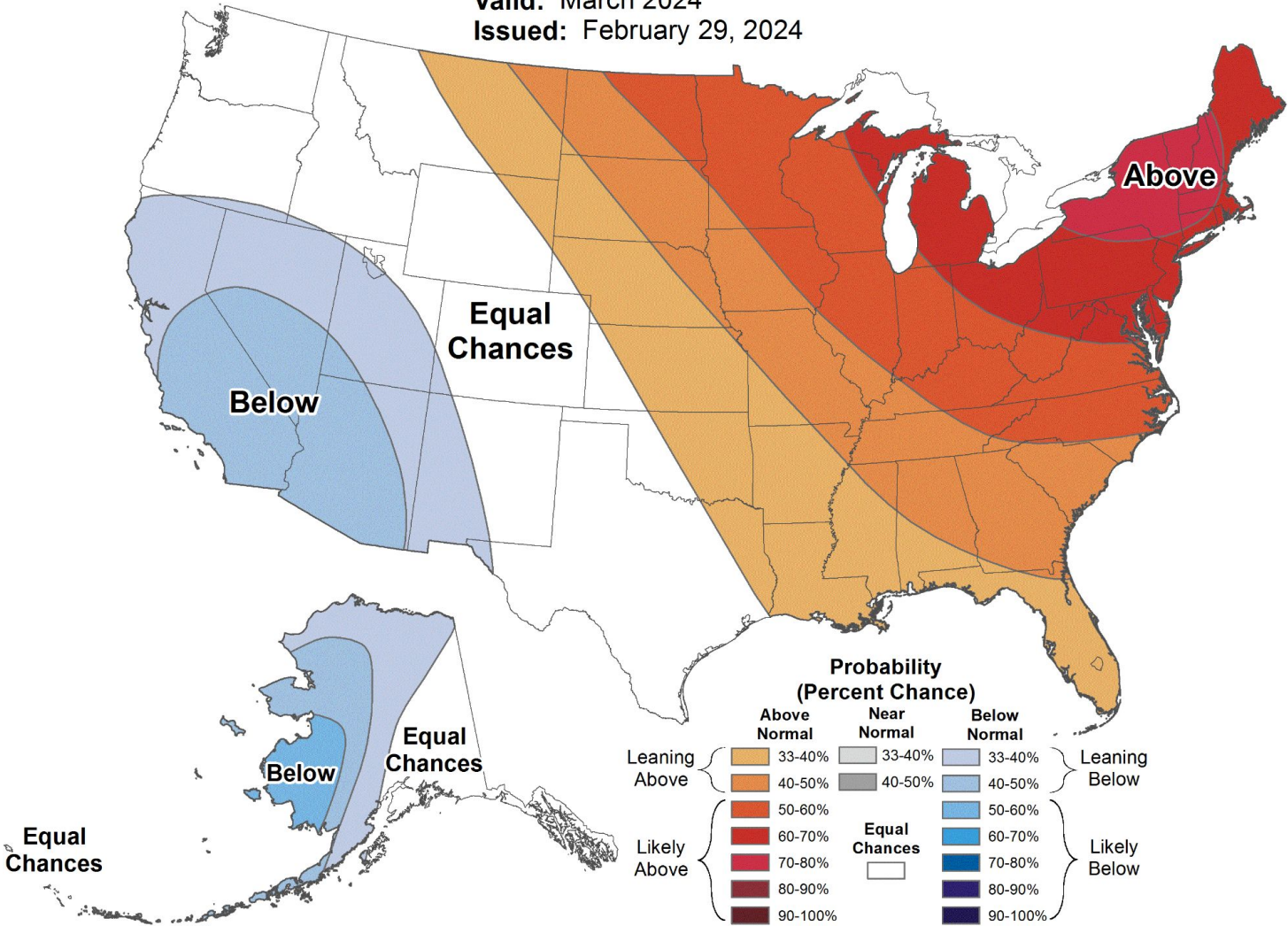
March 14, 2024
4:00 PM



Monthly Temperature Outlook



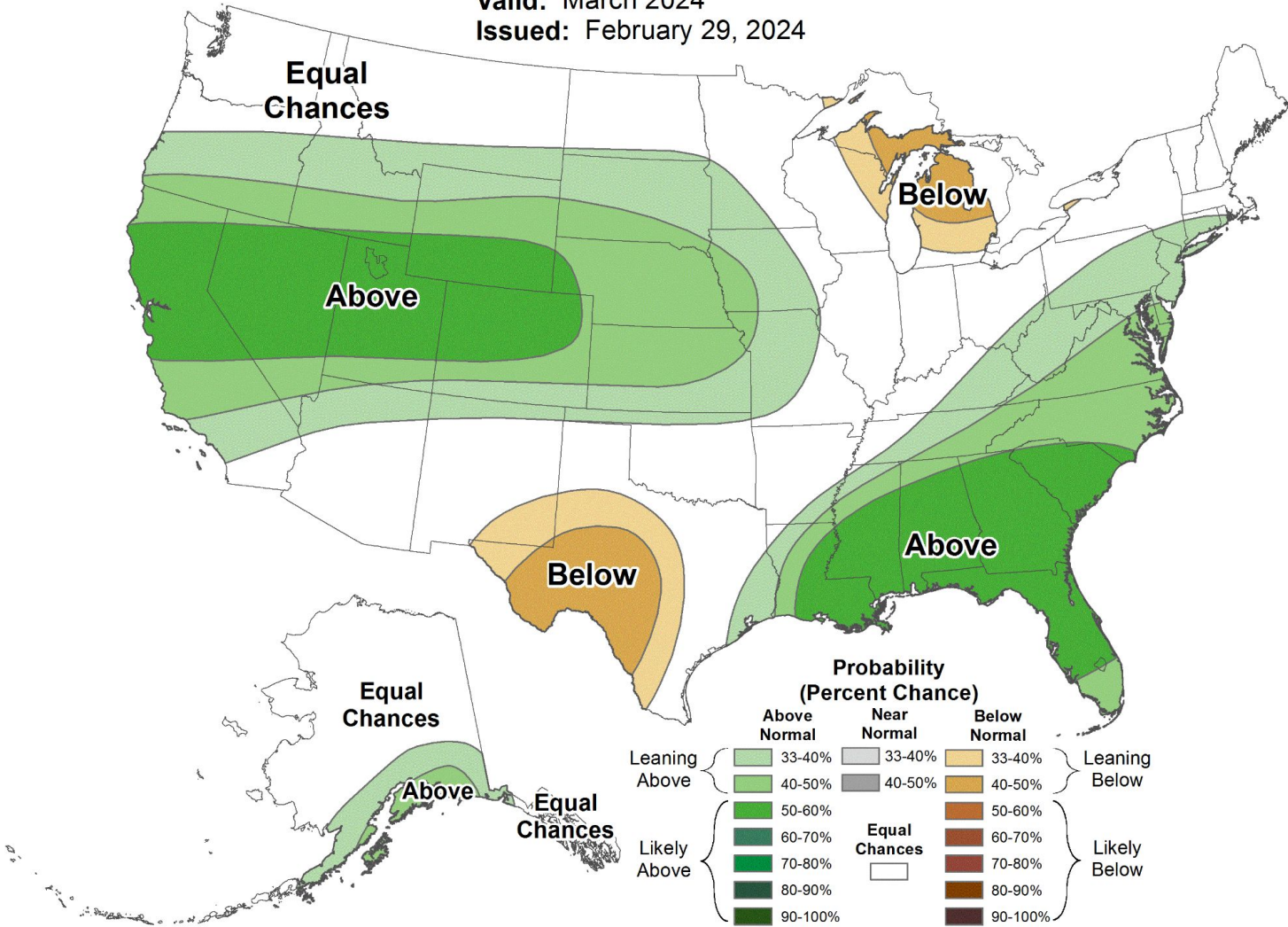
Valid: March 2024
Issued: February 29, 2024



Monthly Precipitation Outlook



Valid: March 2024
Issued: February 29, 2024





Seasonal Outlook

March 14, 2024
4:00 PM

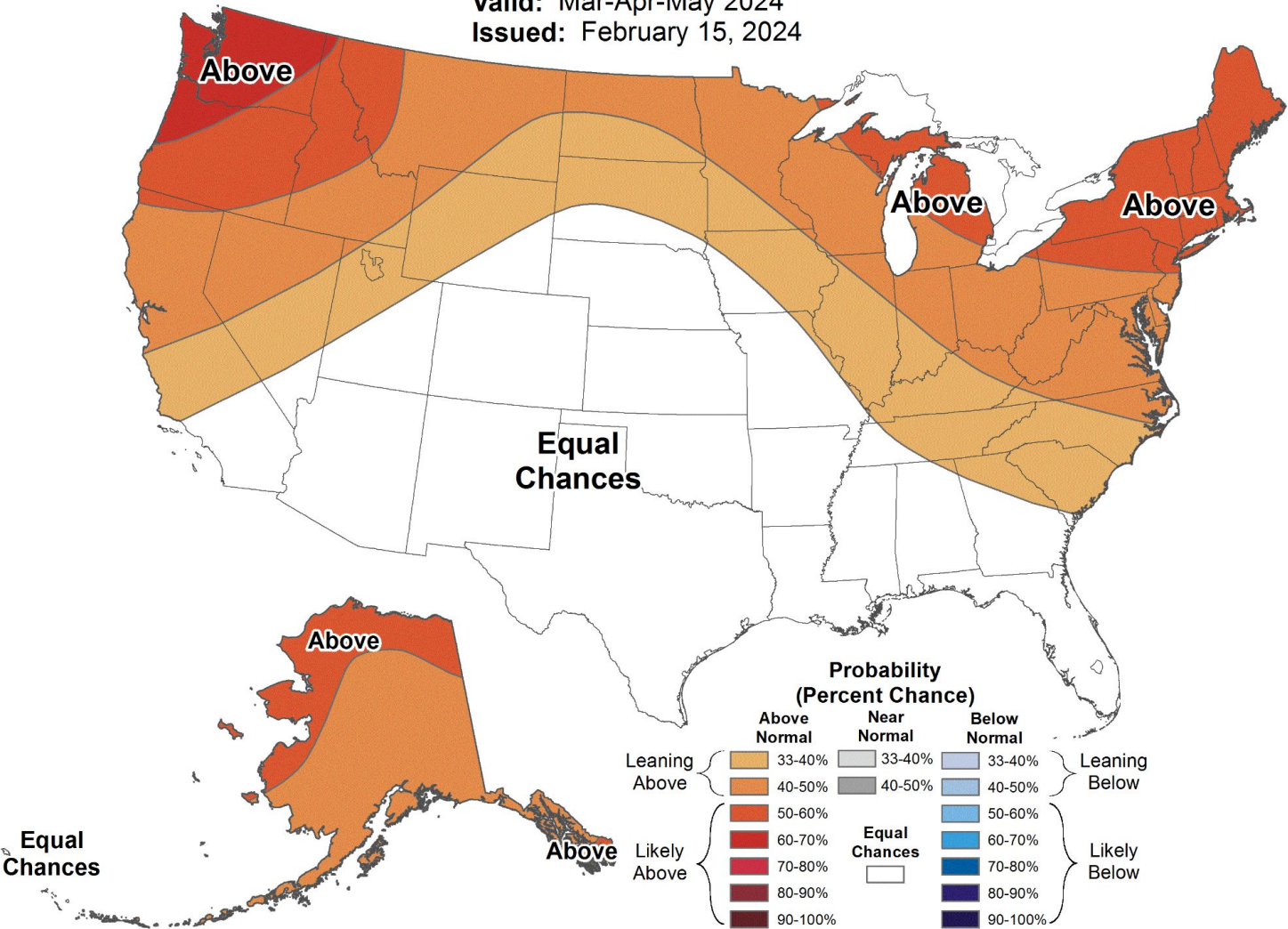
March - May 2024



Seasonal Temperature Outlook



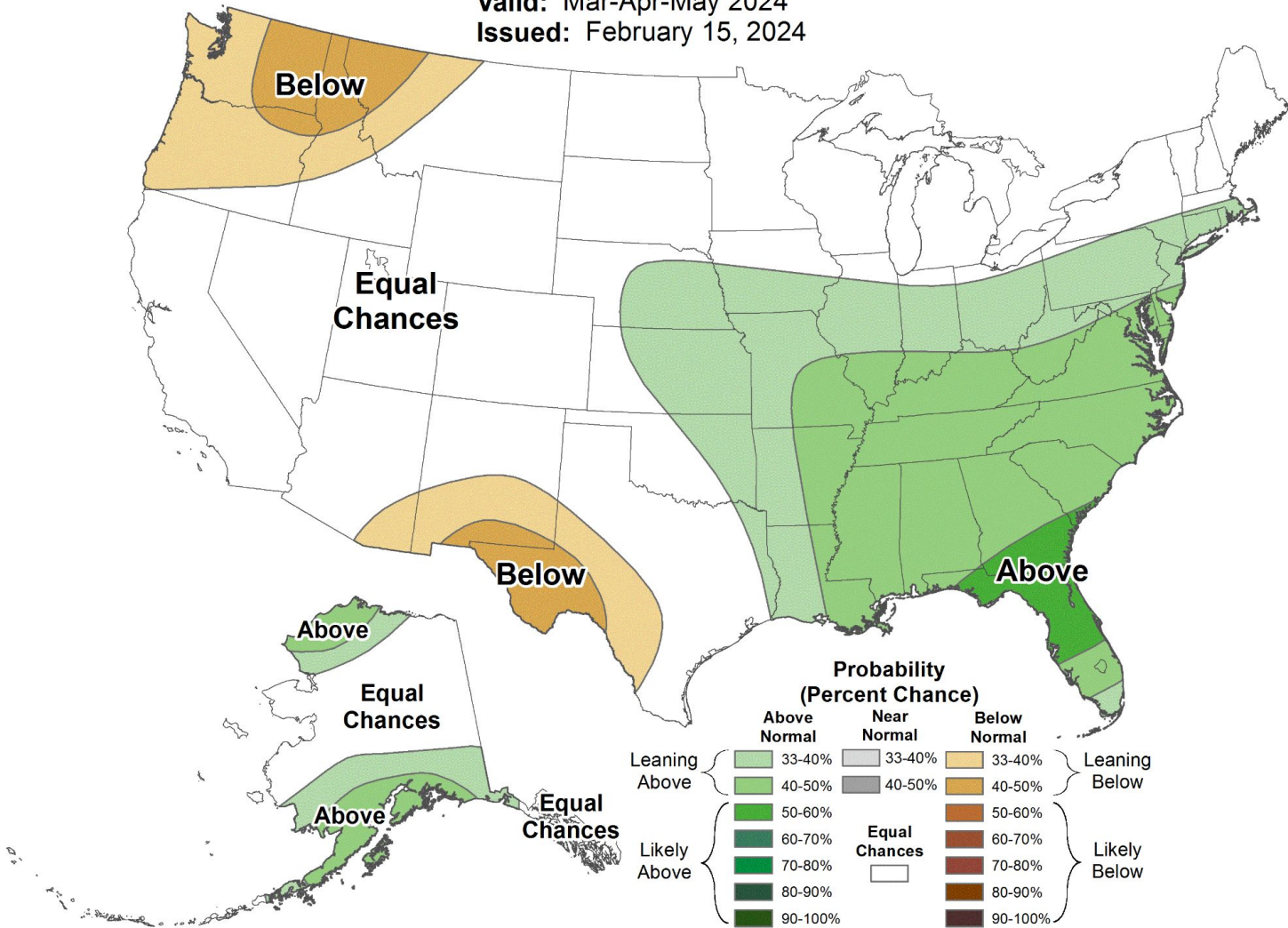
Valid: Mar-Apr-May 2024
Issued: February 15, 2024

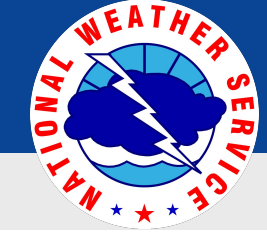


Seasonal Precipitation Outlook



Valid: Mar-Apr-May 2024
Issued: February 15, 2024





Summary

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