



Spring Hydrologic Outlook

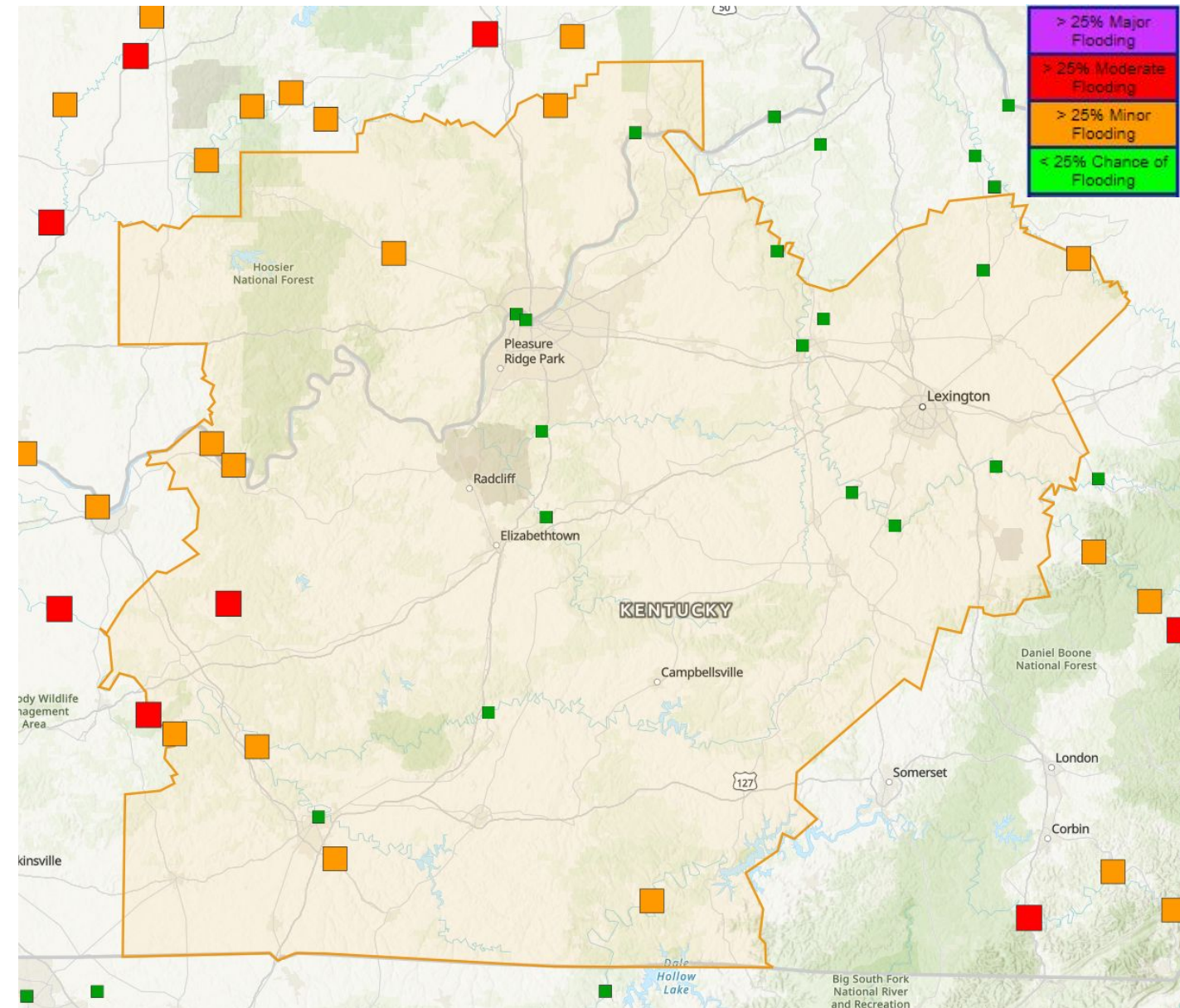
February 27, 2025
4:00 PM

Second Issuance February 27, 2025

Key Messages

- Normal to above normal flood potential this spring
- Minor-Moderate flooding is expected (25% chance or greater)
- Isolated Major flooding possible (<5% chance or greater)–Green River Basin, Kentucky River Basin
- CPC seasonal outlook favors a wetter than normal pattern.
- Rainfall and thunderstorms will be the primary drivers of flooding.

>25% Chance of Exceedance through May



Next Scheduled Update

- March 13, 2025



February 27, 2025
4:00 PM

Antecedent Conditions

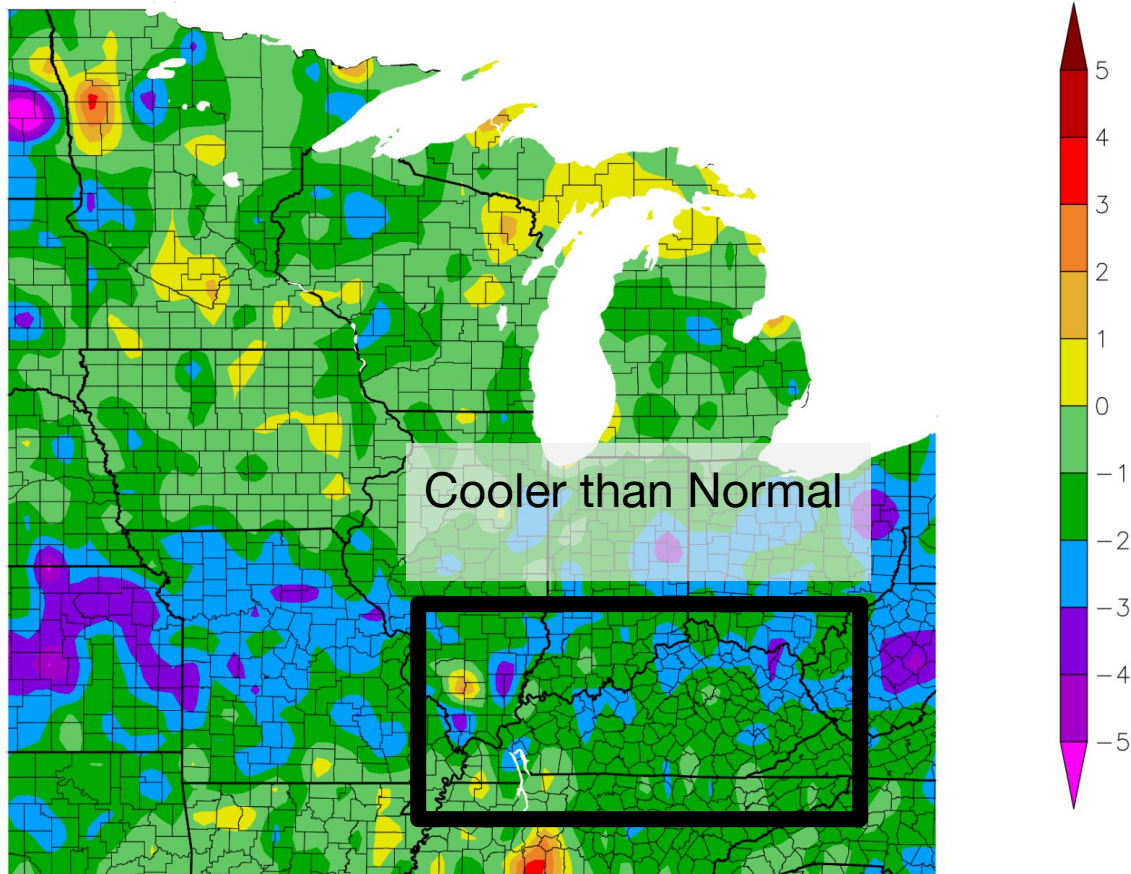


90 Day Departures from Normal

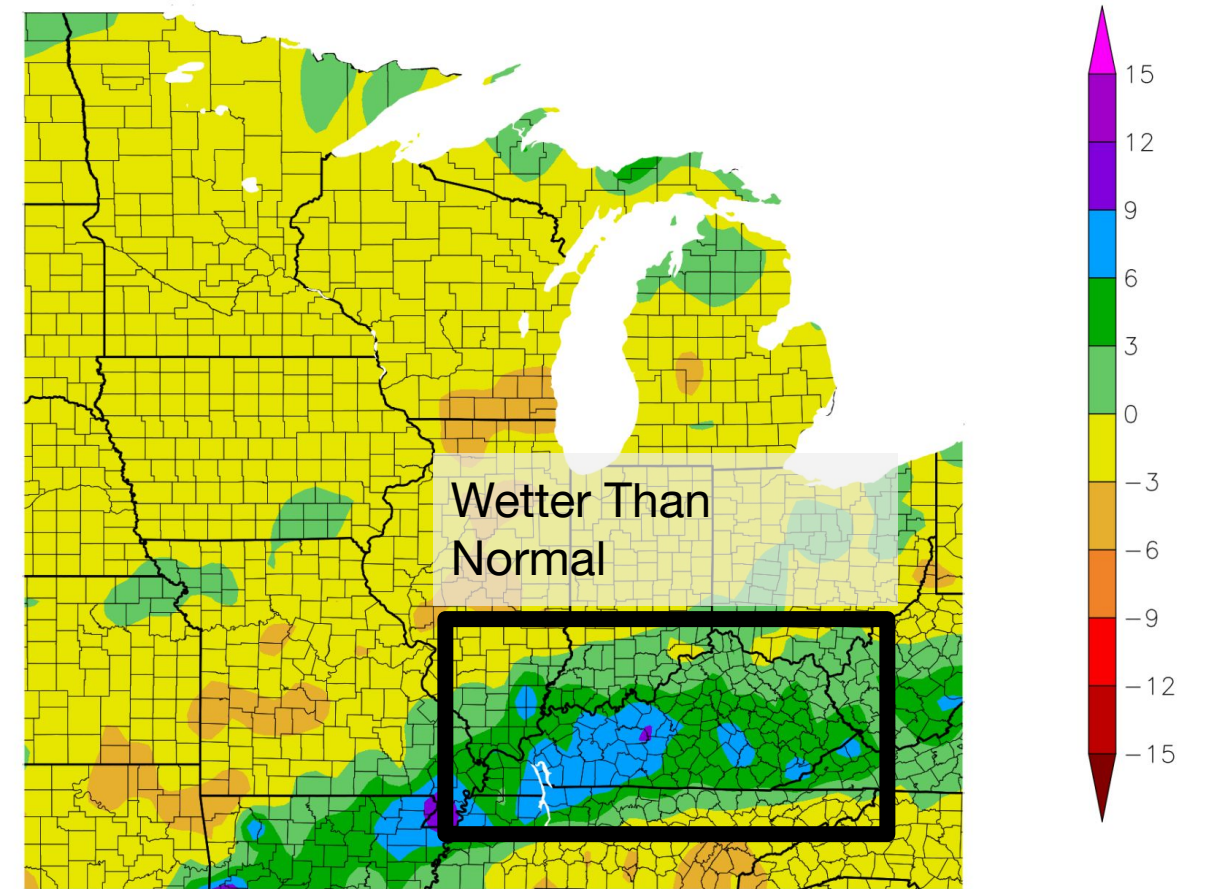
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Temperature/Precipitation

Departure from Normal Temperature (F)
11/29/2024 - 2/26/2025



Departure from Normal Precipitation (in)
11/29/2024 - 2/26/2025



Generated 2/27/2025 at HPRCC using provisional data.

NOAA Regional Climate Centers

Generated 2/27/2025 at HPRCC using provisional data.

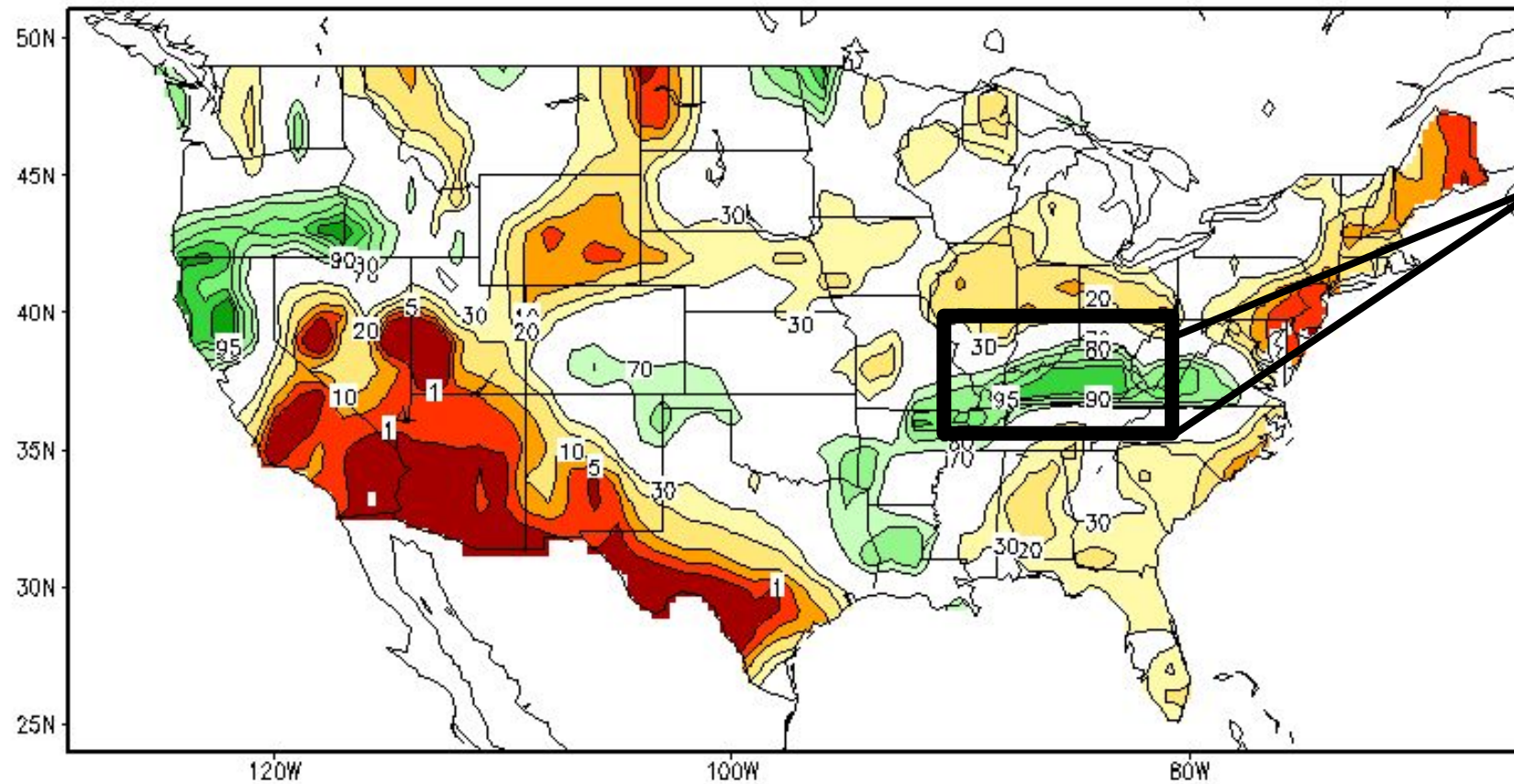
NOAA Regional Climate Centers



Soil Moisture

February 27, 2025
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Calculated Soil Moisture Ranking Percentile
FEB 26, 2025



Wetter than normal soils





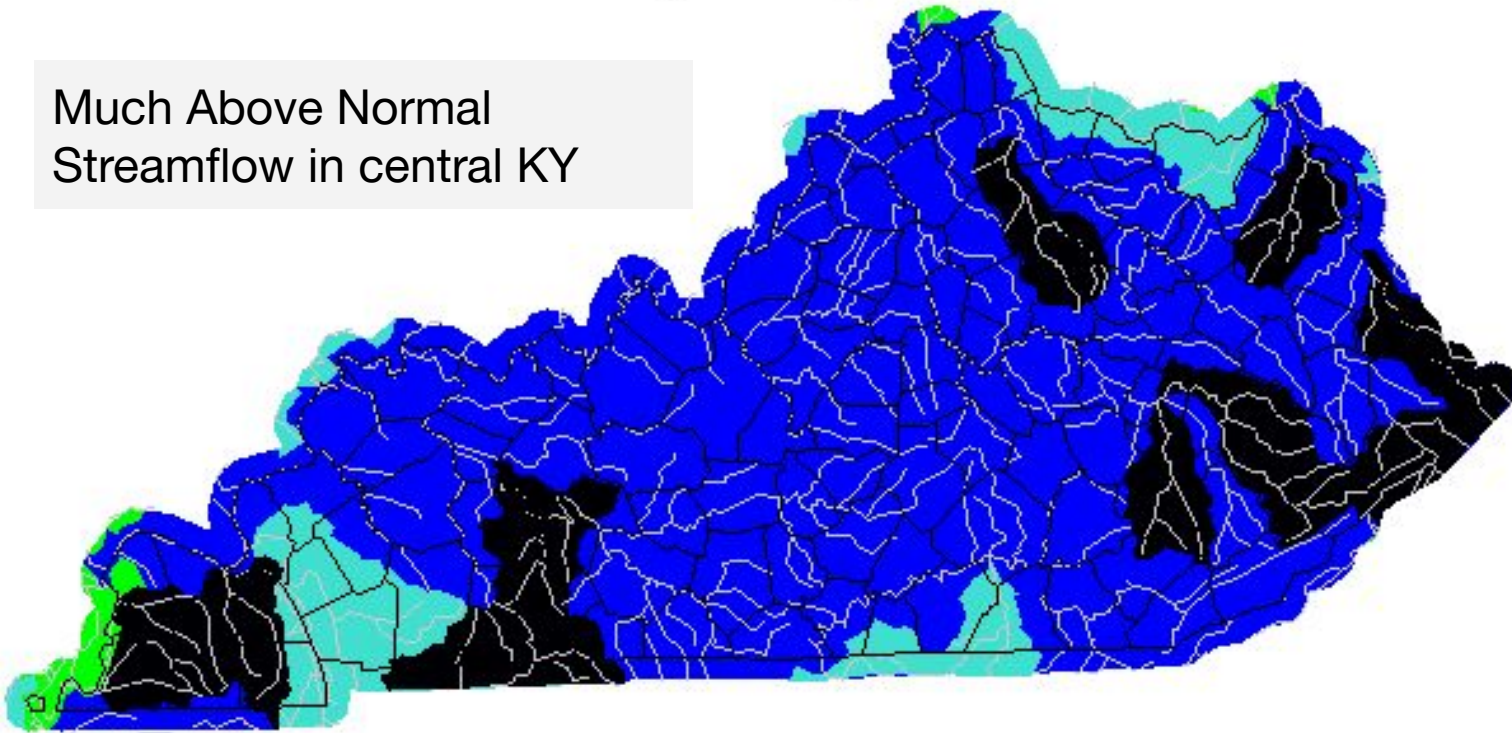
Streamflow

February 27, 2025
4:00 PM

Wednesday, February 26, 2025

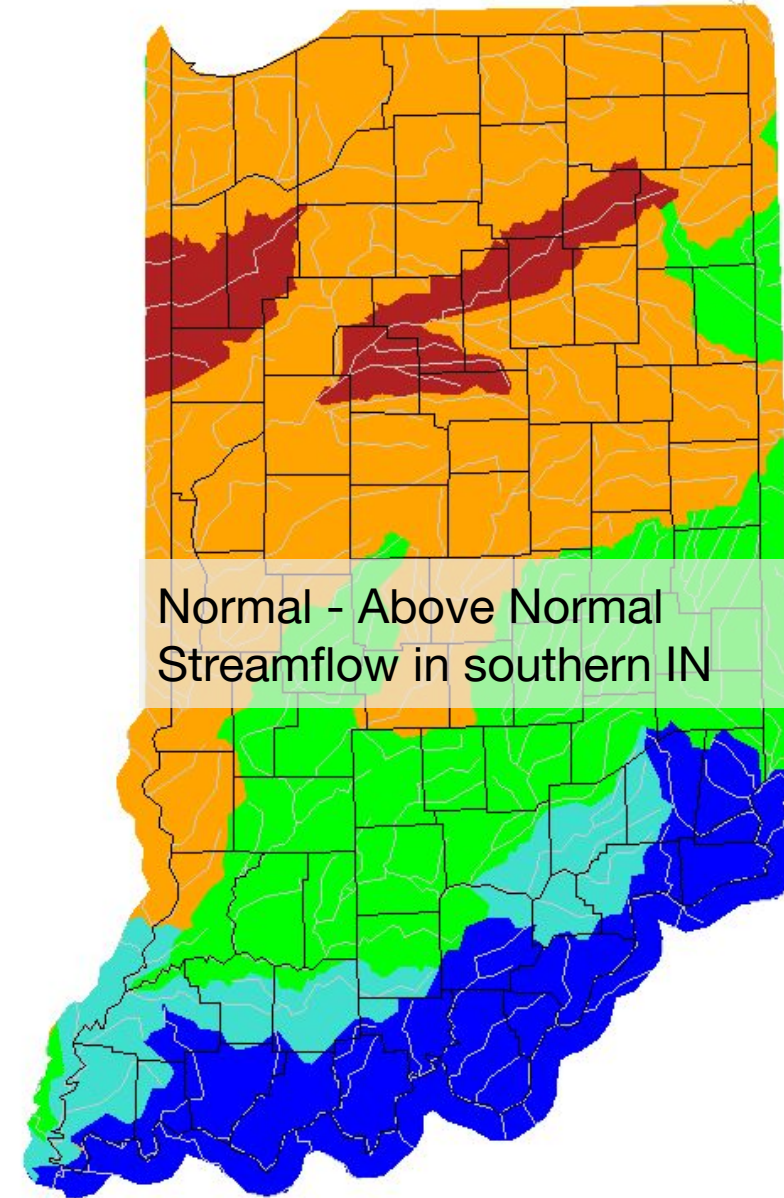
Wednesday, February 26, 2025

Much Above Normal
Streamflow in central KY



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		

Normal - Above Normal
Streamflow in southern IN





Drought

February 27, 2025
4:00 PM

U.S. Drought Monitor Midwest

February 25, 2025
(Released Thursday, Feb. 27, 2025)
Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	33.68	66.32	39.70	3.92	0.00	0.00
Last Week <i>02-18-2025</i>	36.36	63.64	31.04	2.46	0.00	0.00
3 Months Ago <i>11-26-2024</i>	30.32	69.68	43.38	7.17	0.57	0.00
Start of Calendar Year <i>01-07-2025</i>	44.12	55.88	29.47	3.56	0.00	0.00
Start of Water Year <i>10-01-2024</i>	21.78	78.22	28.15	6.40	1.46	0.66
One Year Ago <i>02-27-2024</i>	26.53	73.47	33.99	10.76	2.14	0.00

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>

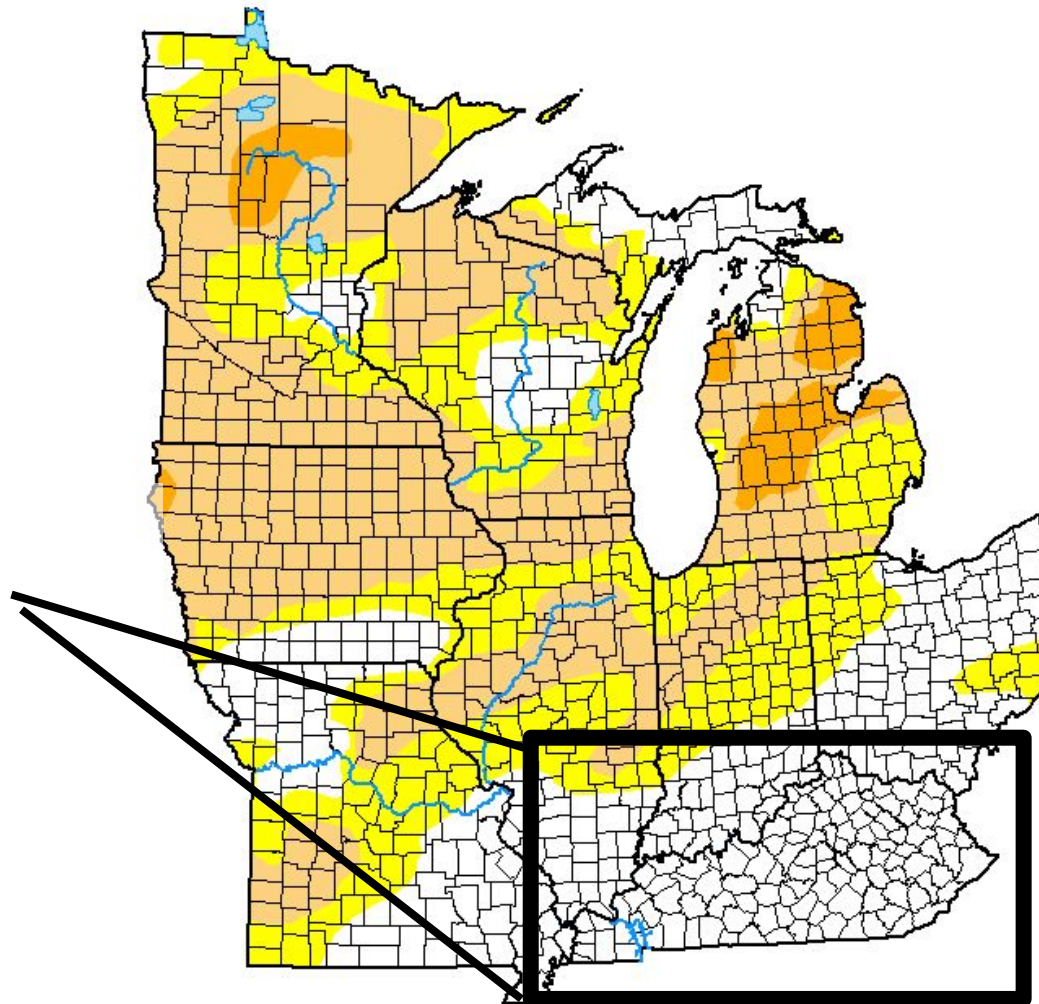
Author:

Brian Fuchs
National Drought Mitigation Center



droughtmonitor.unl.edu

No Drought





February 27, 2025
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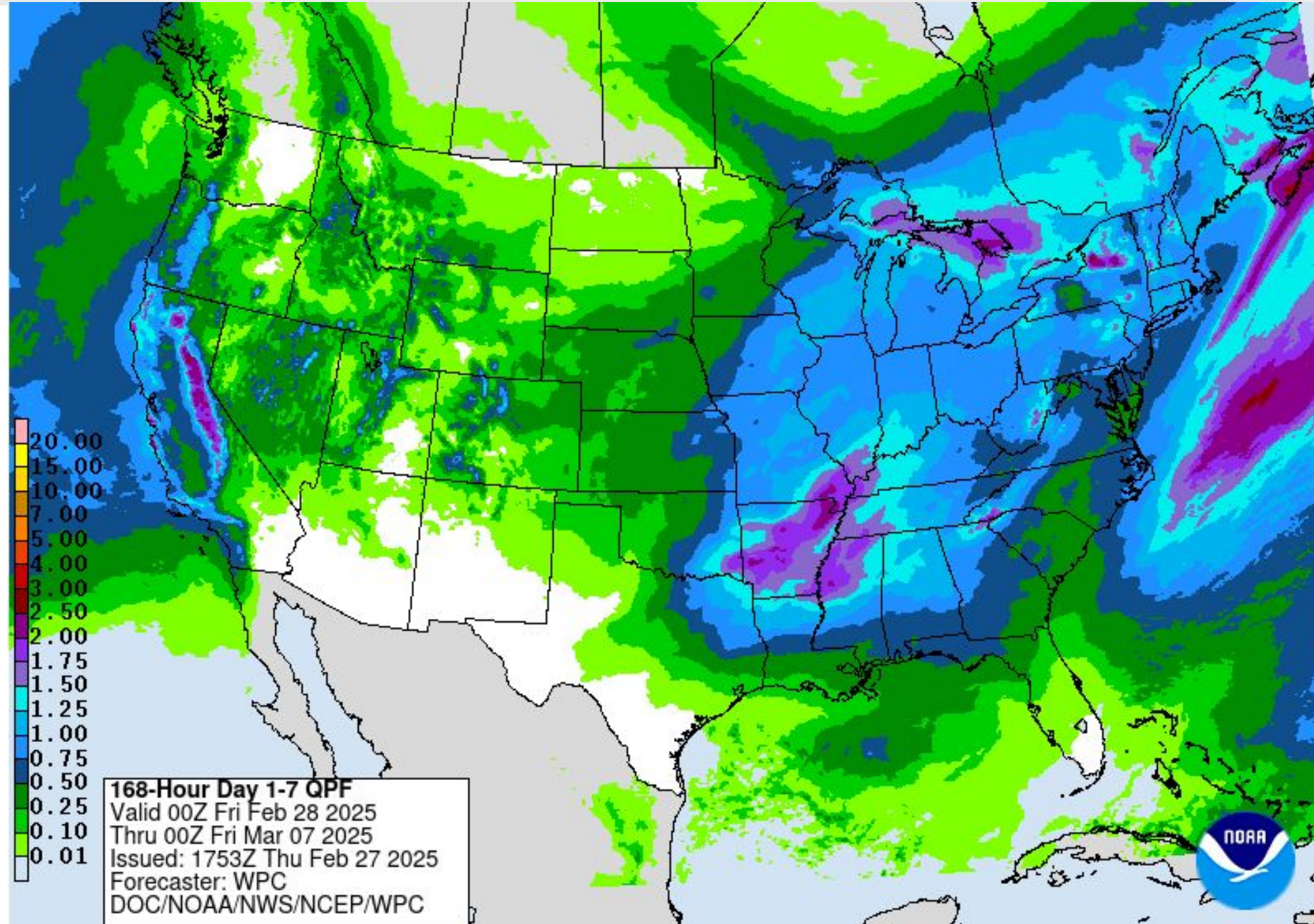
Forecasts/Outlooks



7 Day Precipitation Forecast

February 27, 2025
4:00 PM

February 28th-March 7th





8 to 14 Day Outlook

February 27, 2025
4:00 PM

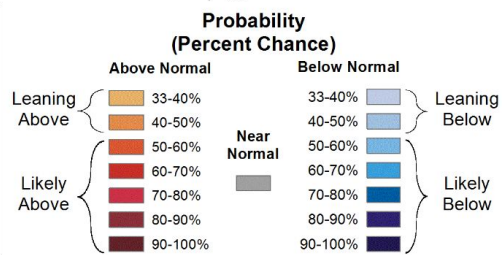
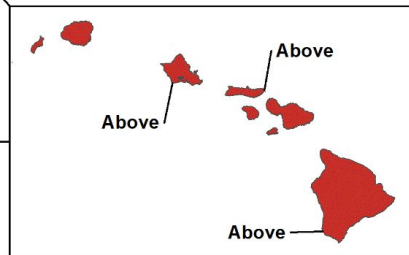
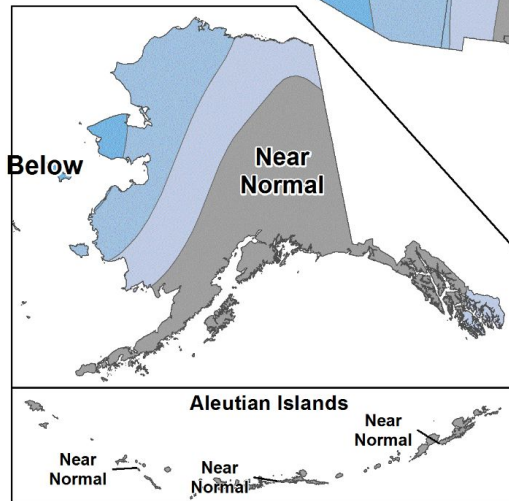
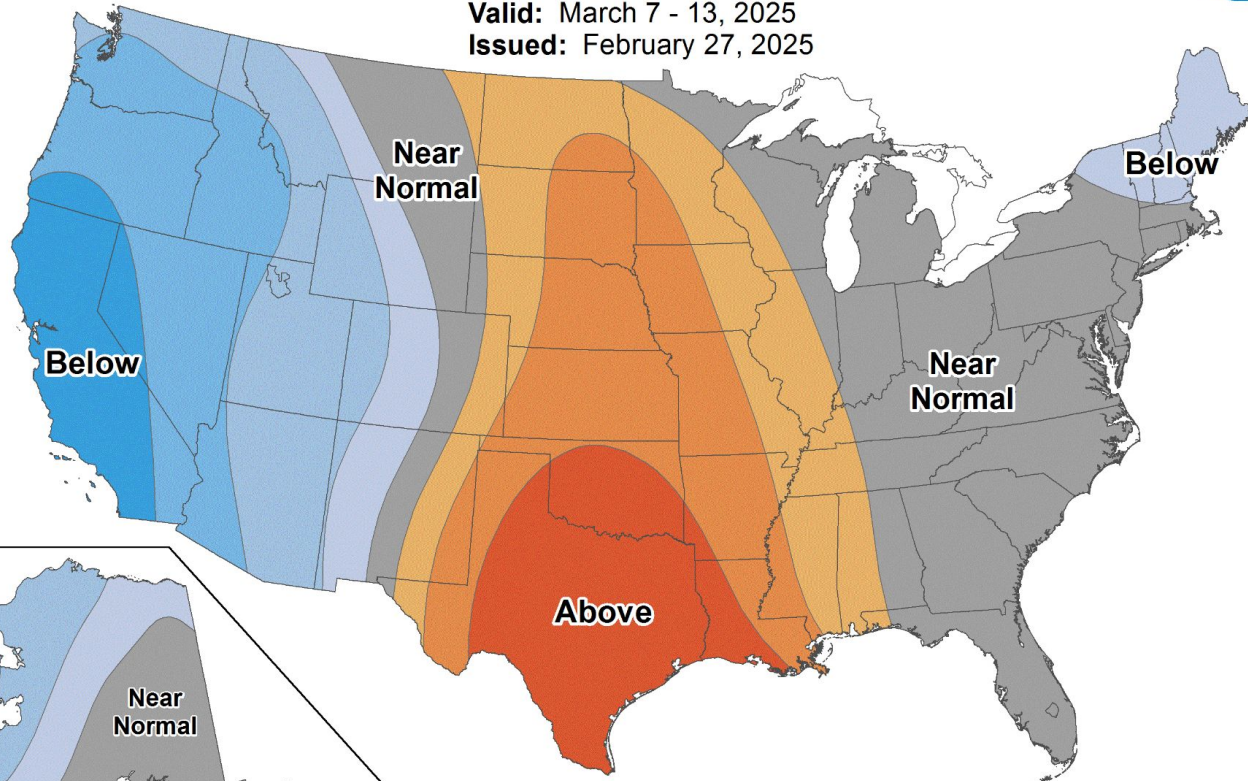
March 7-13, 2025



8-14 Day Temperature Outlook



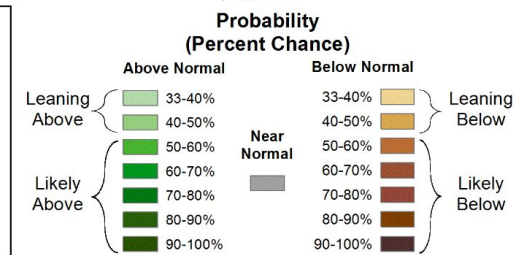
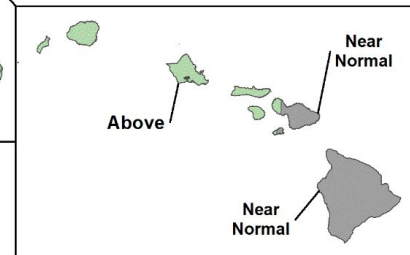
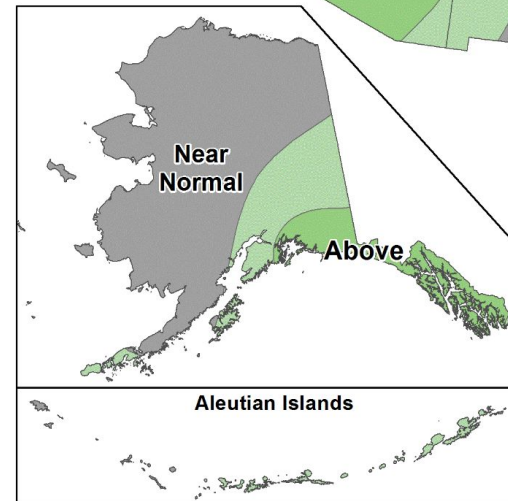
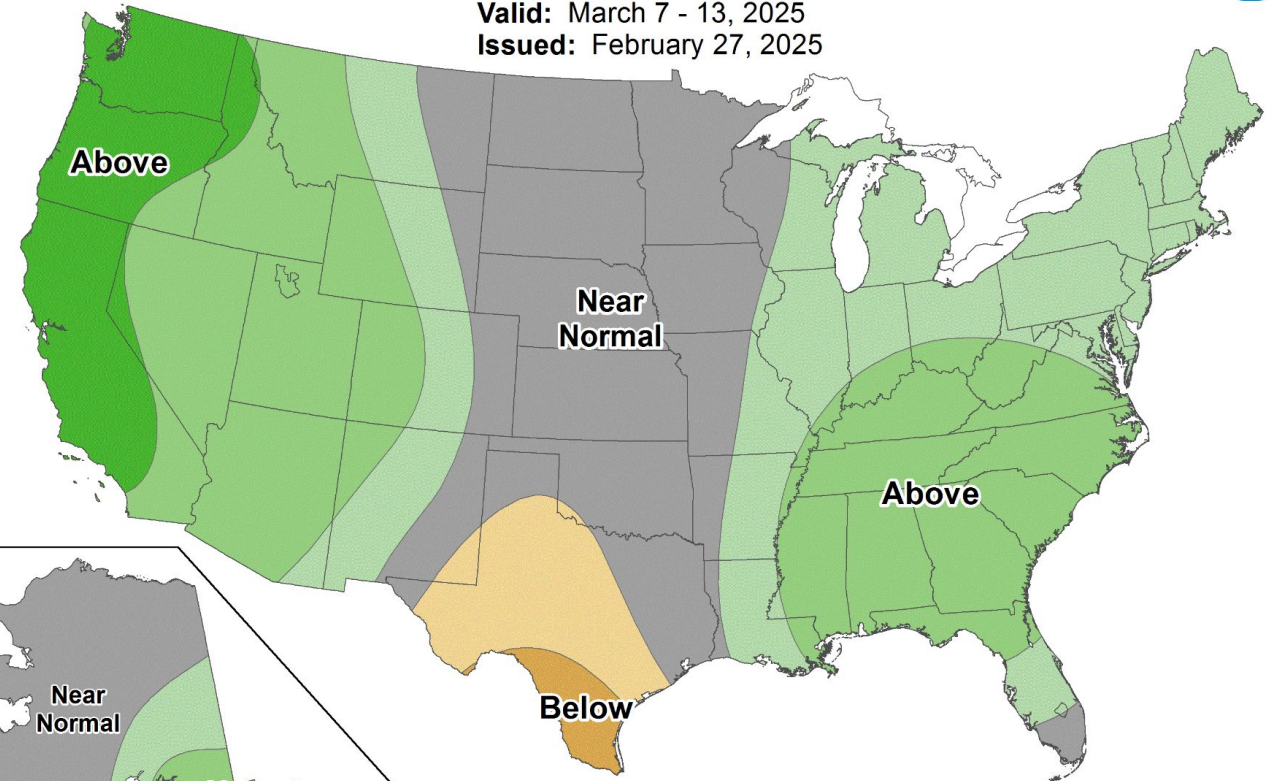
Valid: March 7 - 13, 2025
Issued: February 27, 2025



8-14 Day Precipitation Outlook



Valid: March 7 - 13, 2025
Issued: February 27, 2025





Three Month Outlook

February 27, 2025
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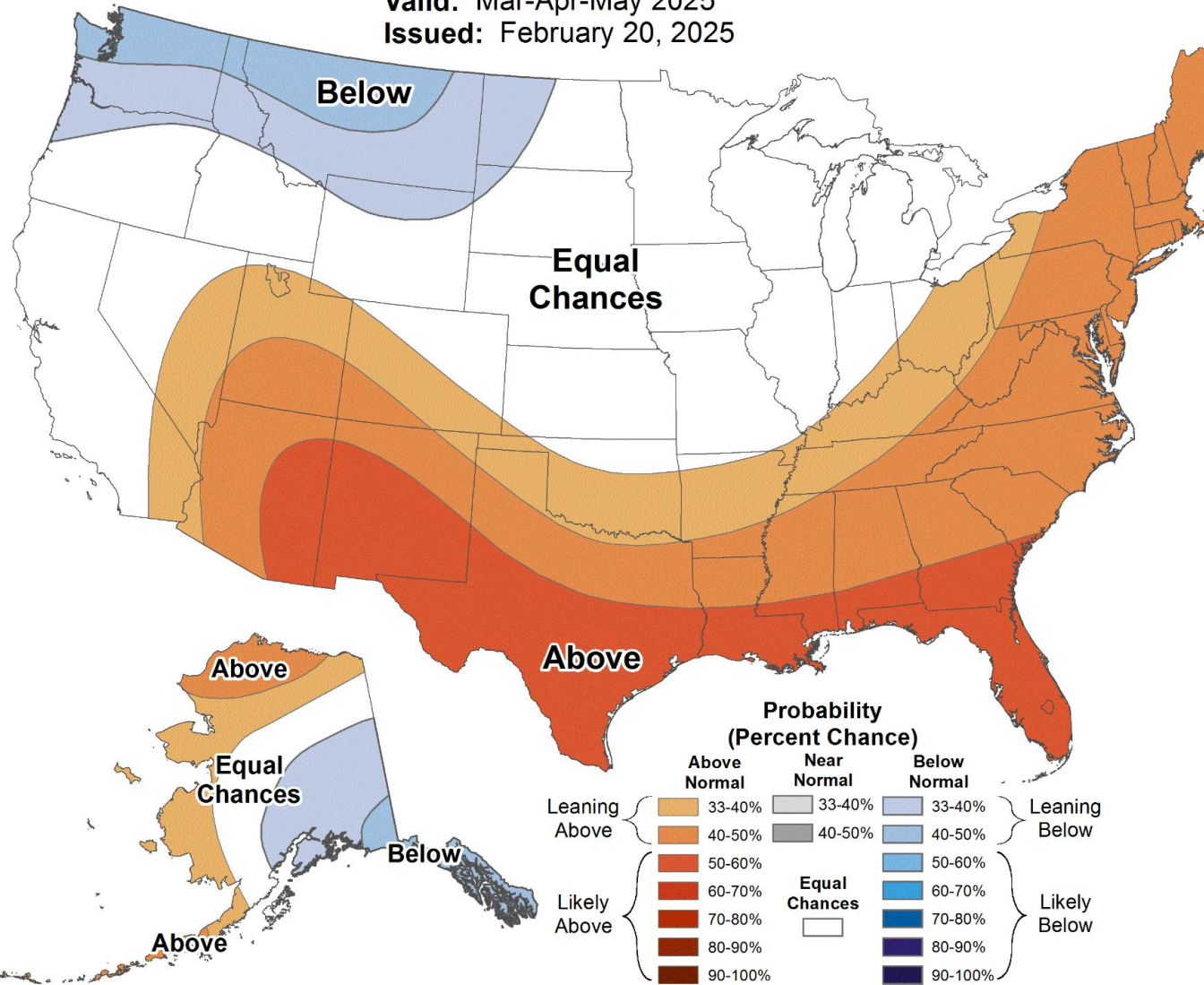
Mar-Apr-May 2025



Seasonal Temperature Outlook



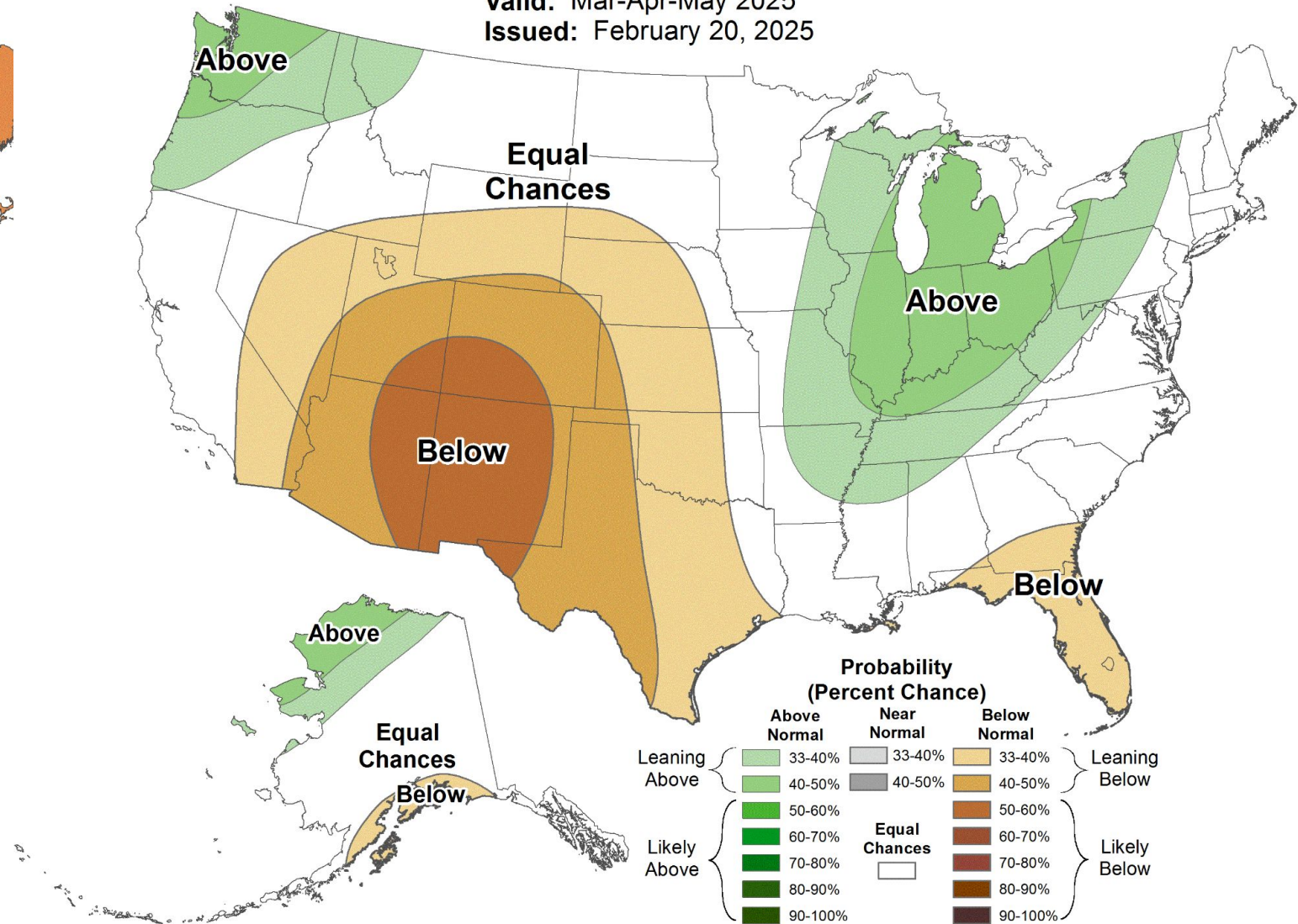
Valid: Mar-Apr-May 2025
Issued: February 20, 2025



Seasonal Precipitation Outlook



Valid: Mar-Apr-May 2025
Issued: February 20, 2025

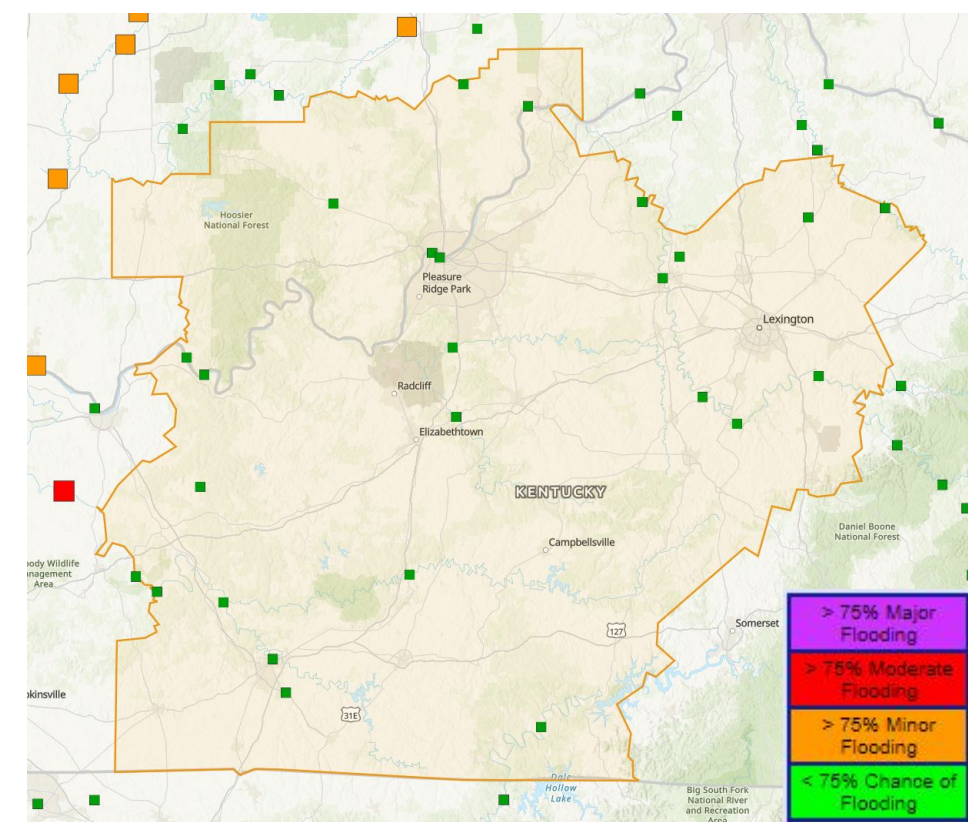




Flood Probabilities

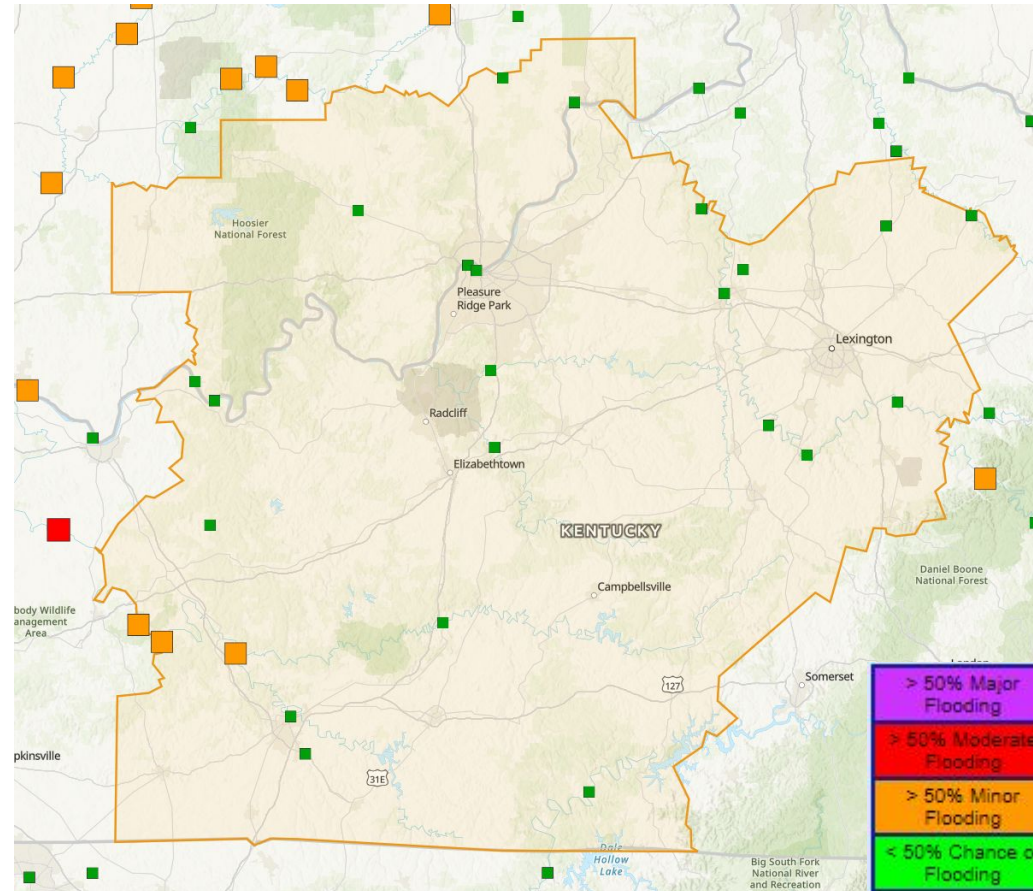
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Most Likely Range of Outcomes

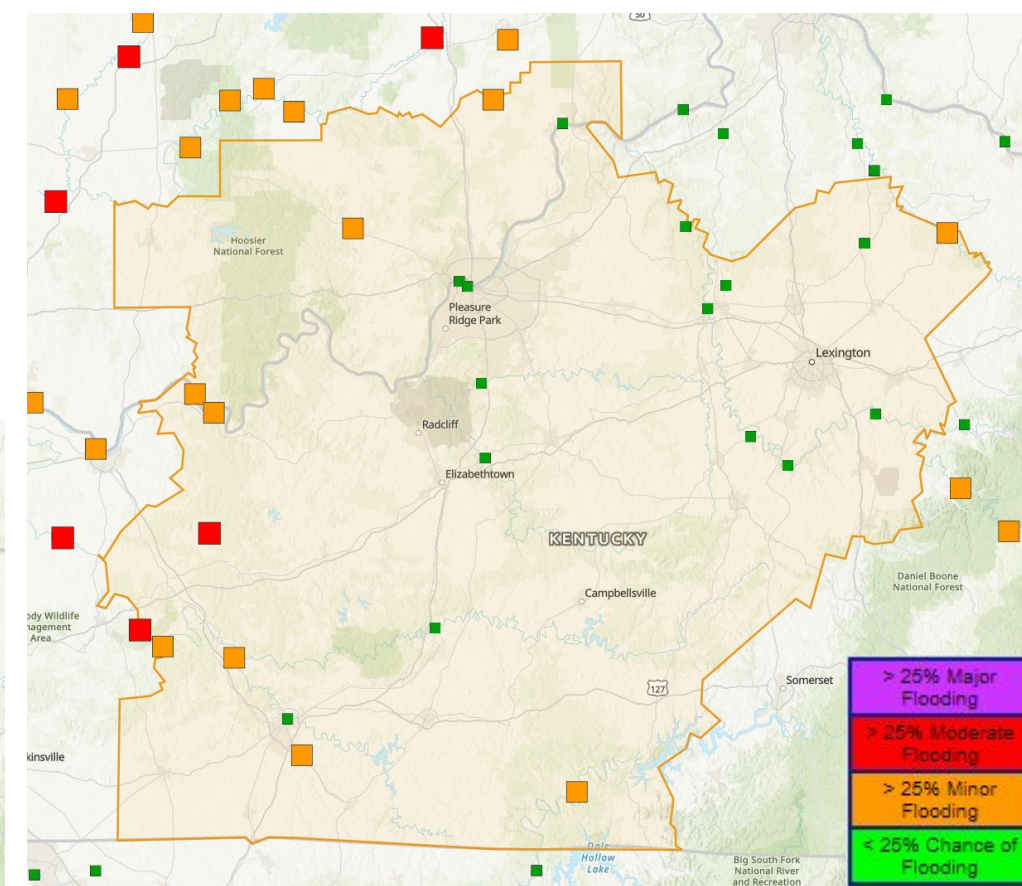


>75% Chance of Exceedance

>50% Chance of Exceedance



>25% Chance of Exceedance





Flood Outlook Summary

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