



Spring Hydrologic Outlook

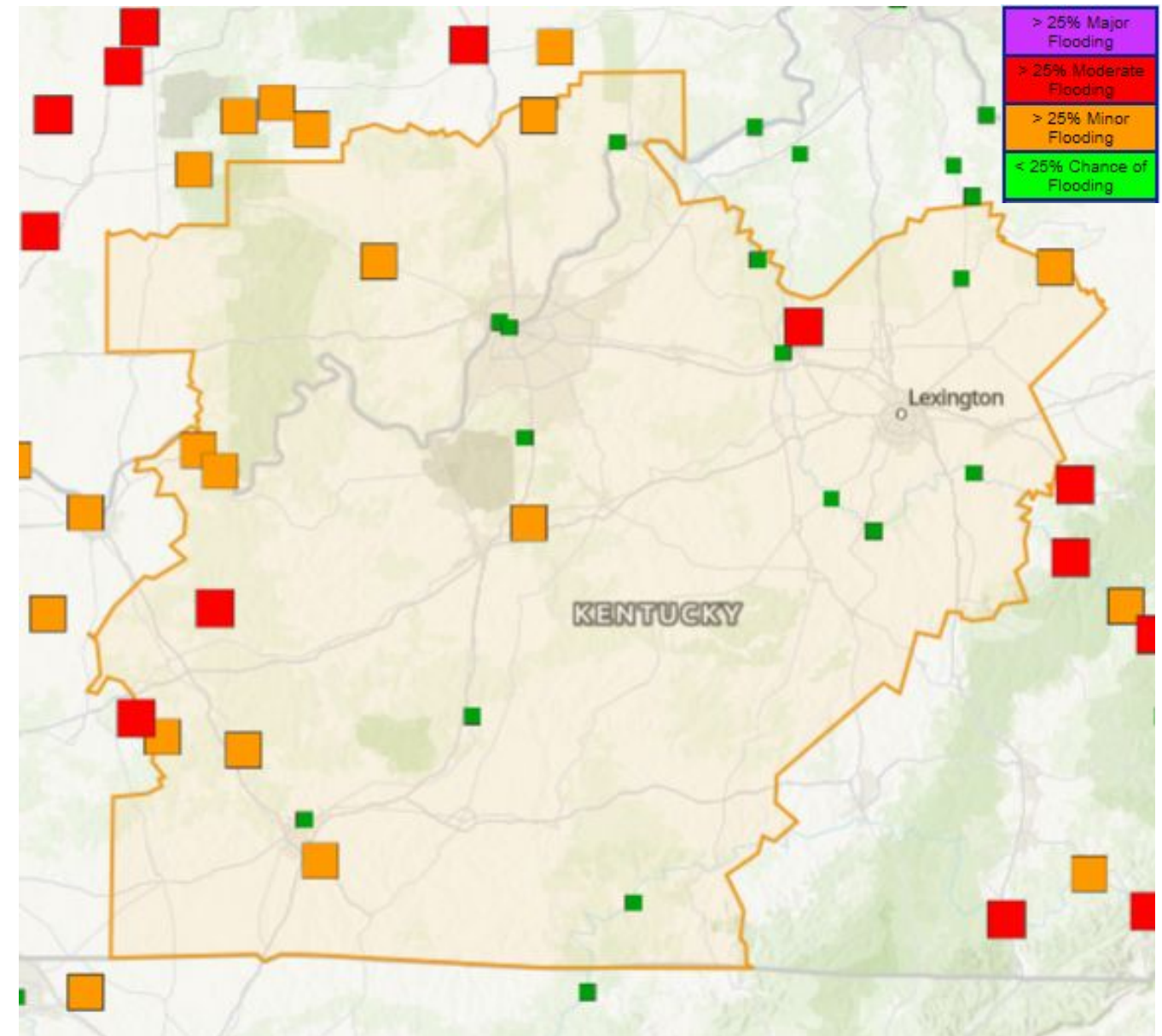
March 13, 2025
12:30 PM

Final Issuance March 13, 2025

Key Messages

- Normal to slightly above normal flood potential this spring
- Minor-Moderate flooding is expected (25% chance or greater)
- Isolated Major flooding possible (<10% 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





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Antecedent Conditions

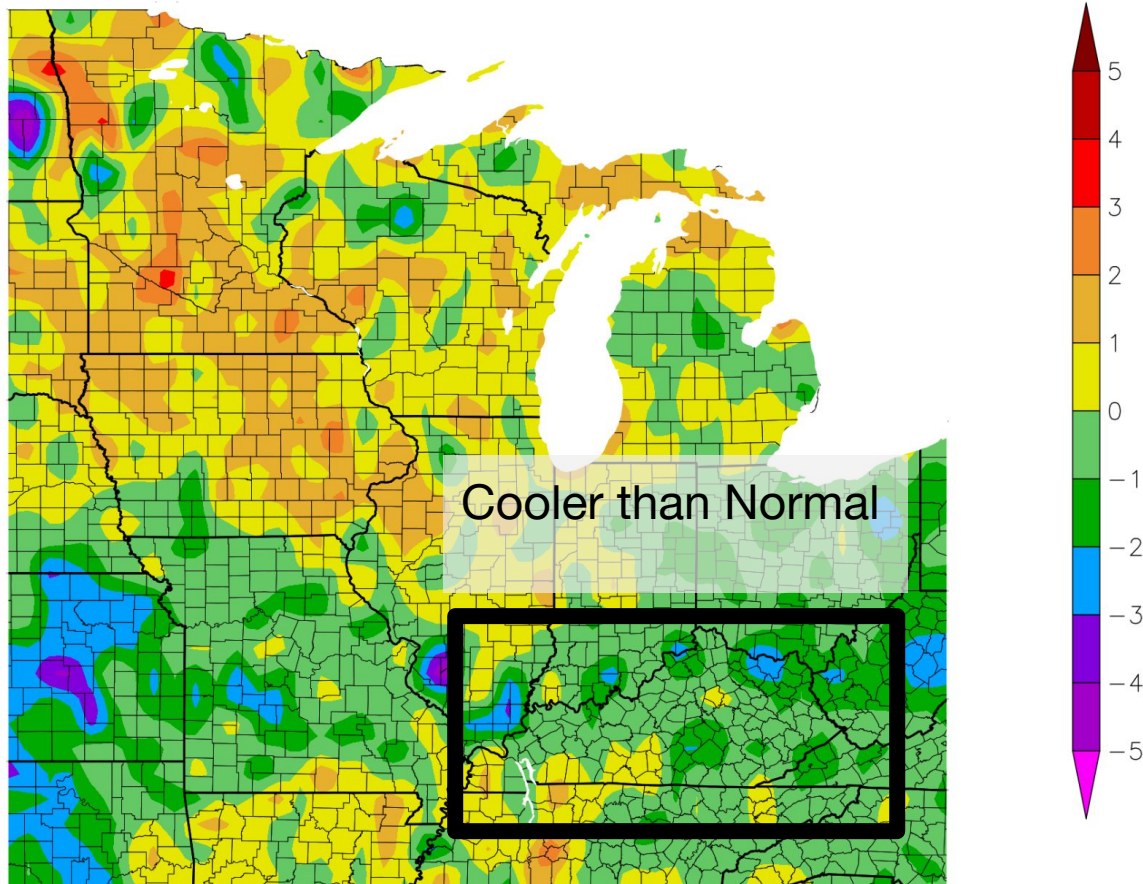


90 Day Departures from Normal

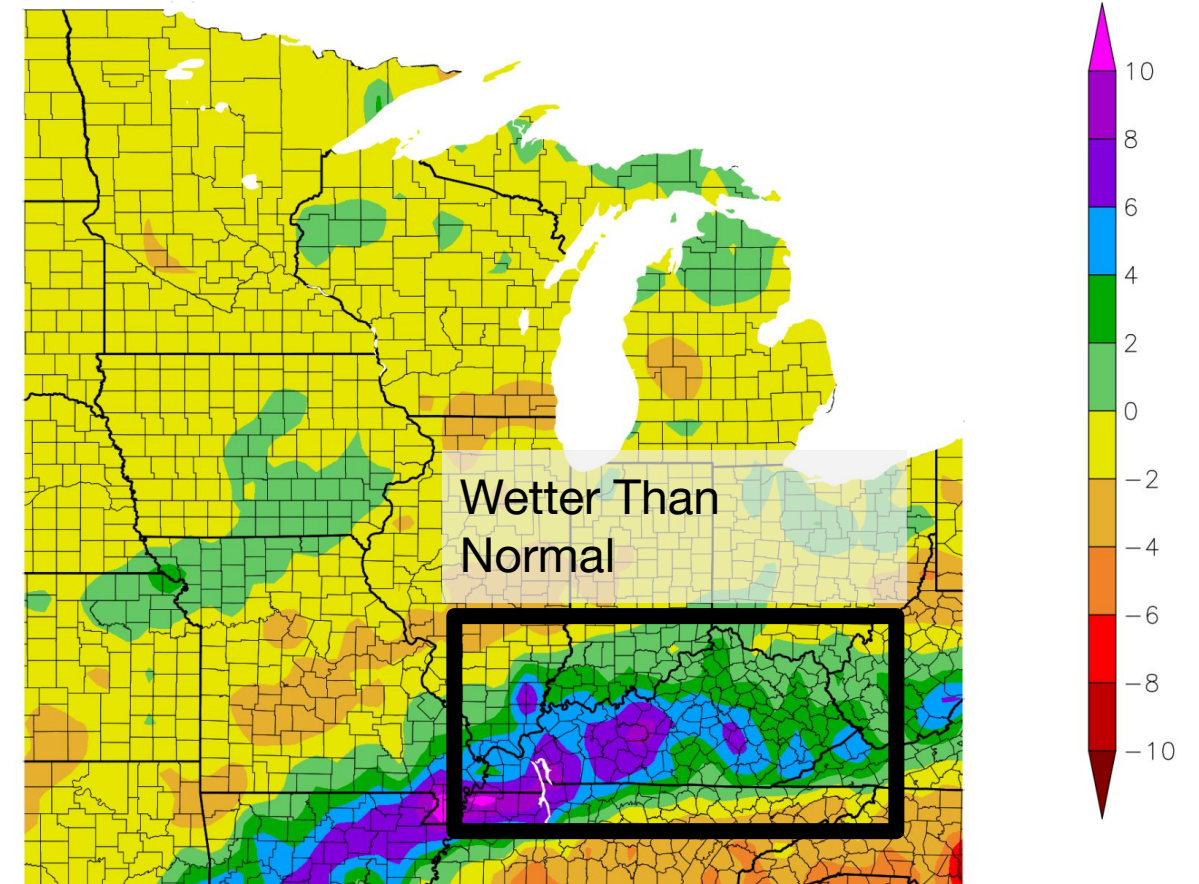
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Temperature/Precipitation

Departure from Normal Temperature (F)
12/13/2024 - 3/12/2025



Departure from Normal Precipitation (in)
12/13/2024 - 3/12/2025



Generated 3/13/2025 at HPRCC using provisional data.

NOAA Regional Climate Centers

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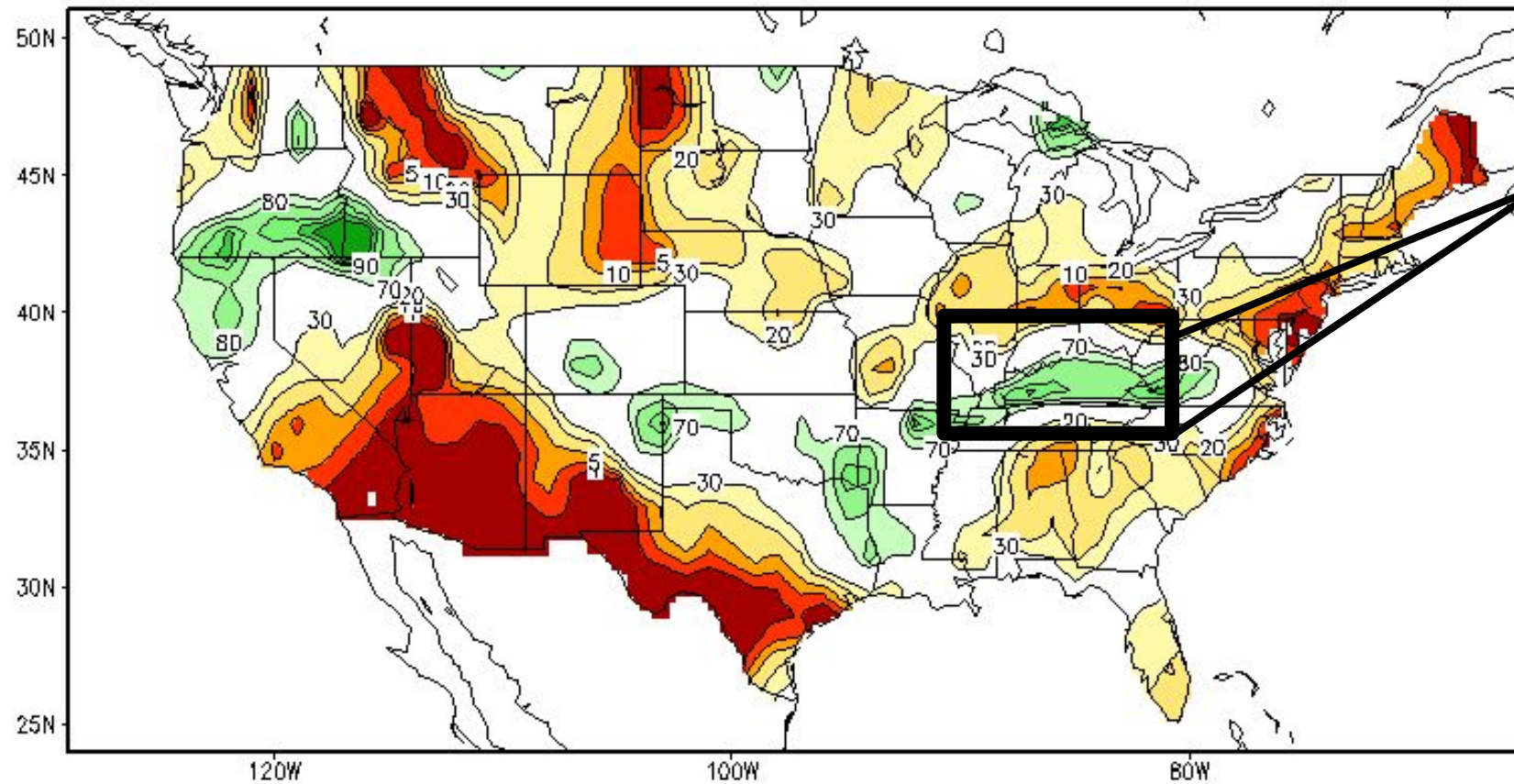
NOAA Regional Climate Centers



Soil Moisture

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Calculated Soil Moisture Ranking Percentile
MAR 12, 2025



Wetter than normal soils





Streamflow

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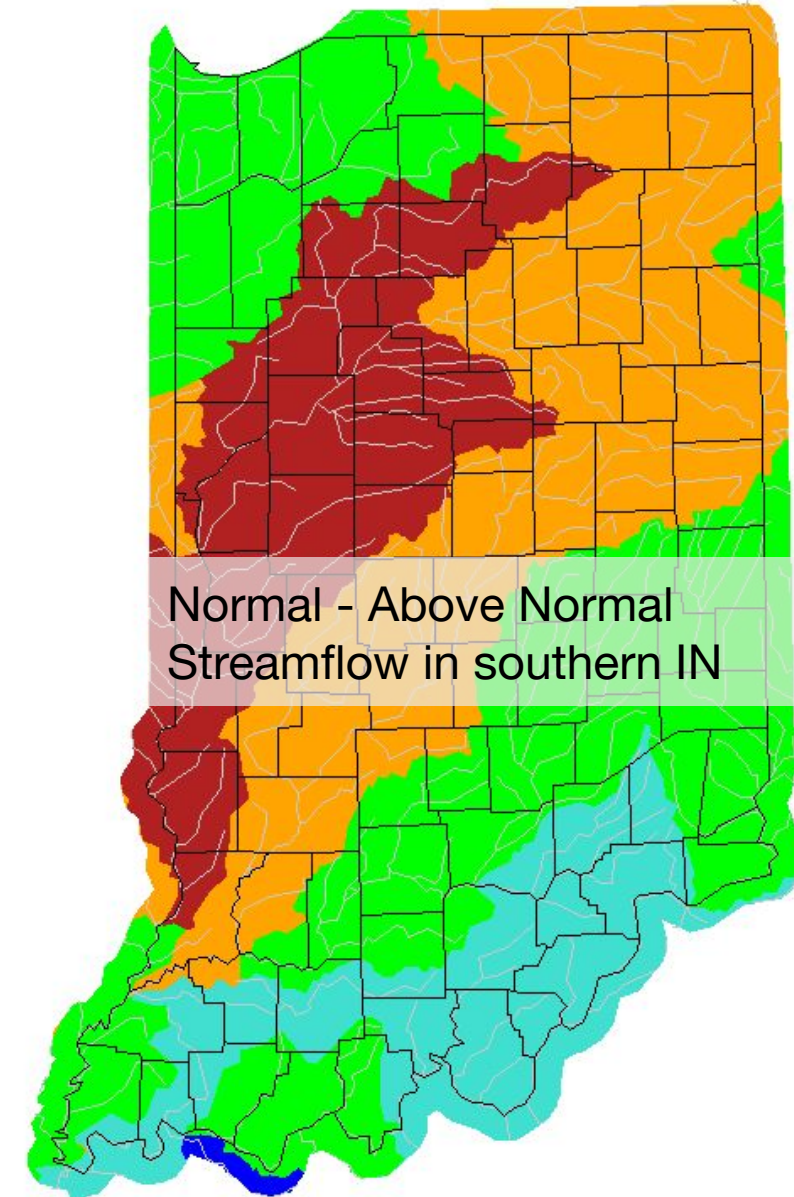
Hednesday, March 12, 2025

Normal - 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		

Hednesday, March 12, 2025



Normal - Above Normal
Streamflow in southern IN





Drought

March 13, 2025
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U.S. Drought Monitor Midwest

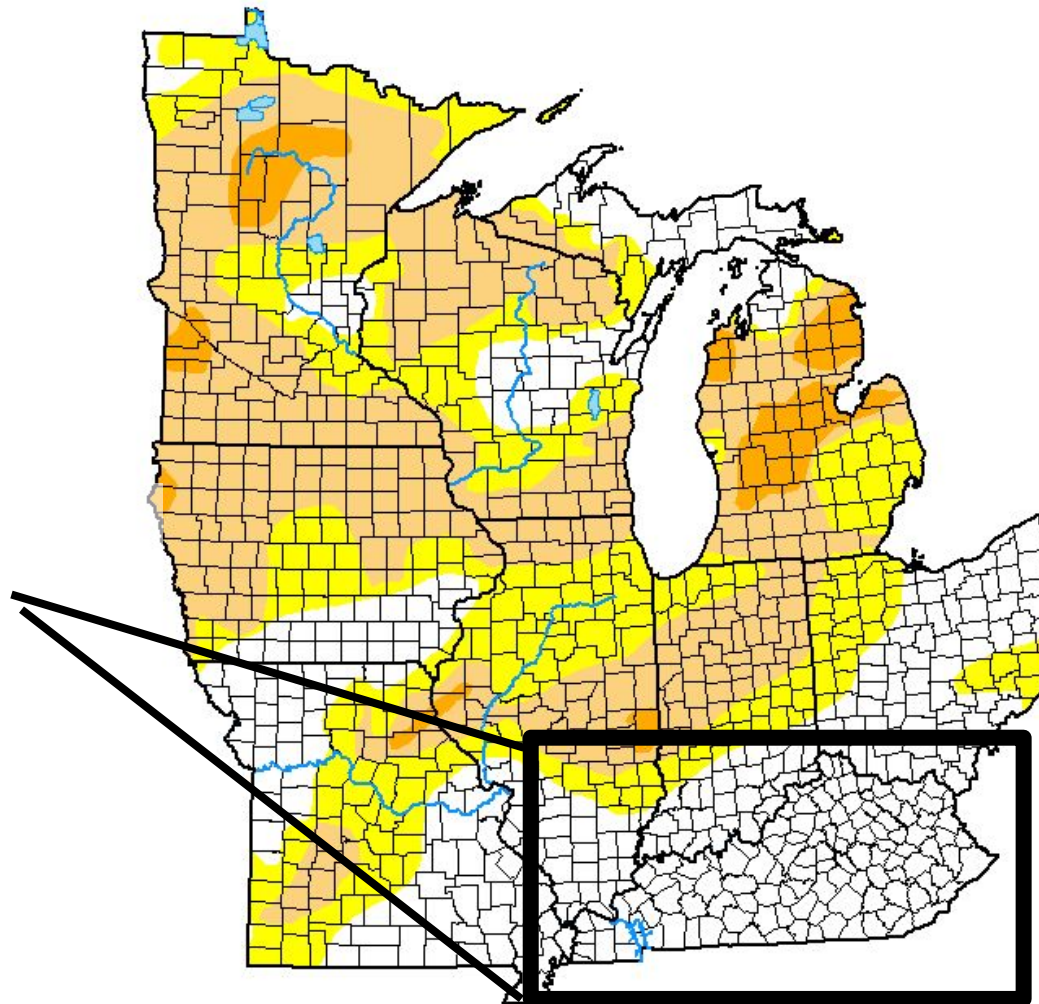
March 11, 2025

(Released Thursday, Mar. 13, 2025)

Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	34.82	65.18	38.69	4.63	0.00	0.00
Last Week <i>03-04-2025</i>	32.64	67.36	42.87	4.39	0.00	0.00
3 Months Ago <i>12-10-2024</i>	28.60	71.40	44.98	6.02	0.00	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>03-12-2024</i>	28.03	71.97	42.19	11.49	2.32	0.00



No Drought

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>

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droughtmonitor.unl.edu



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

National Weather Service
Louisville, KY



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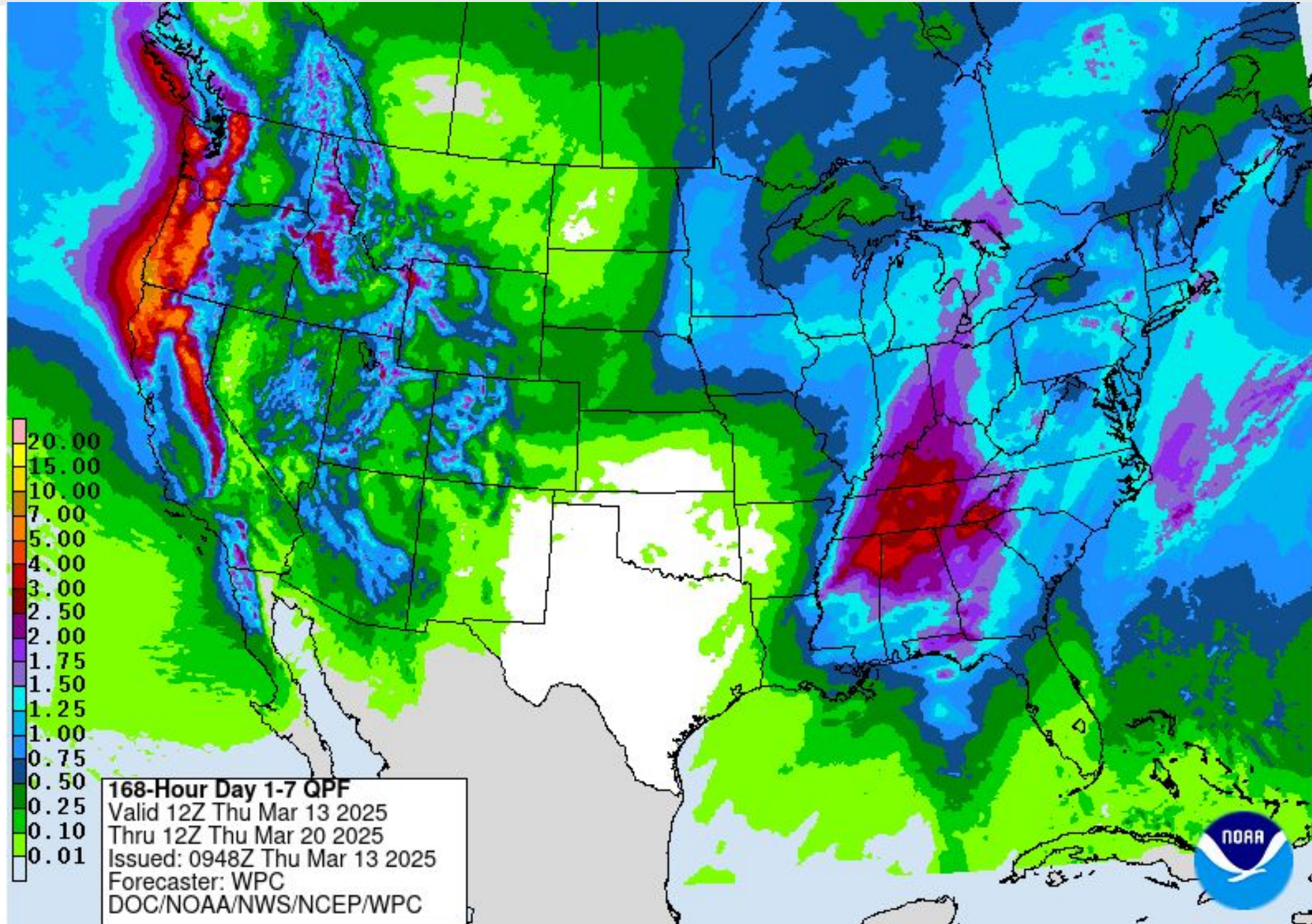
Forecasts/Outlooks



7 Day Precipitation Forecast

March 13, 2025
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March 13th-20th





8 to 14 Day Outlook

March 13, 2025
12:30 PM

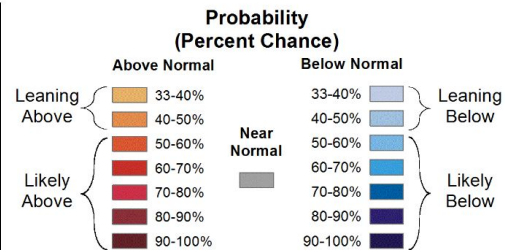
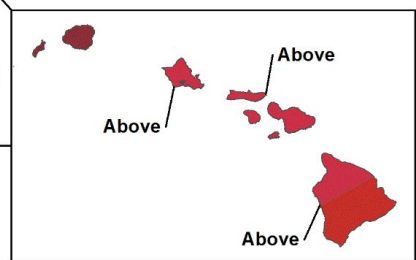
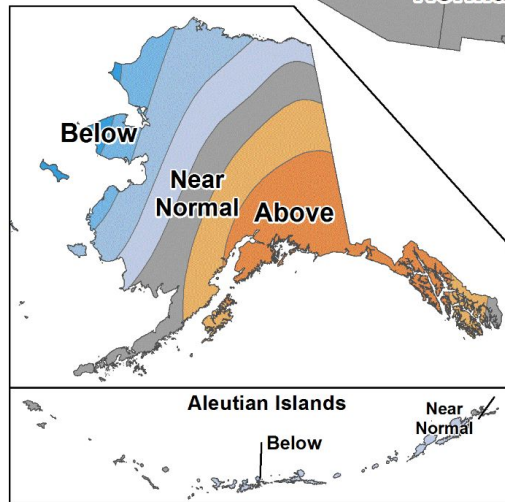
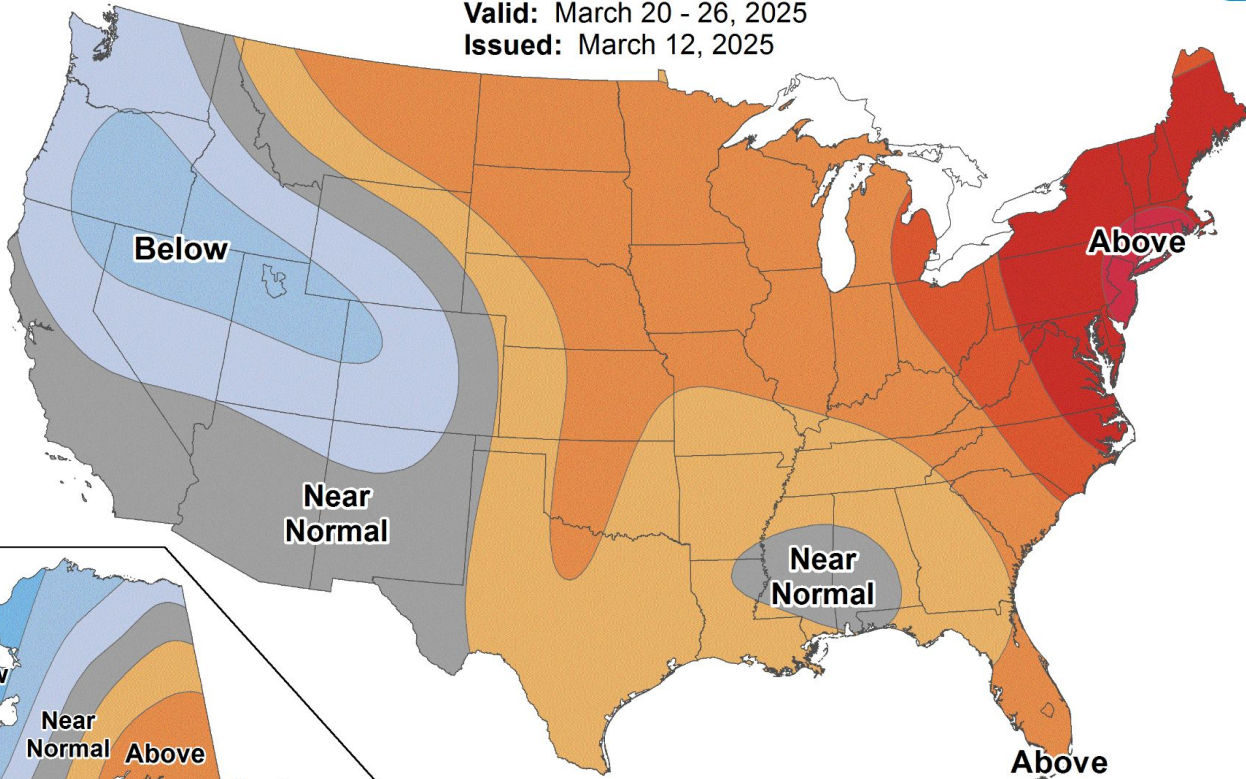
March 20-26, 2025



8-14 Day Temperature Outlook



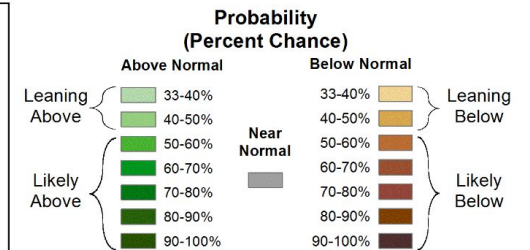
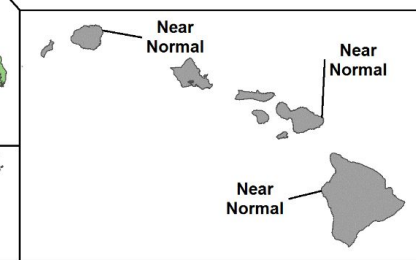
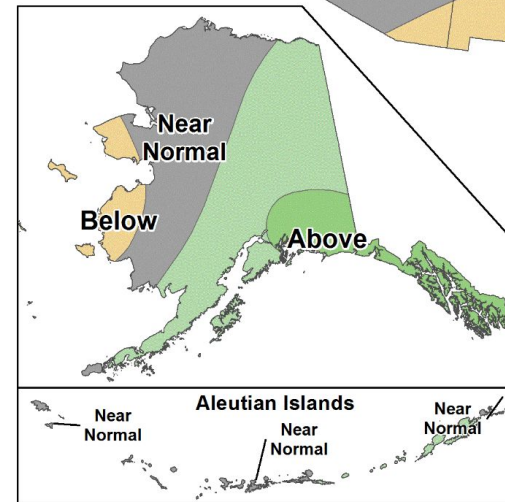
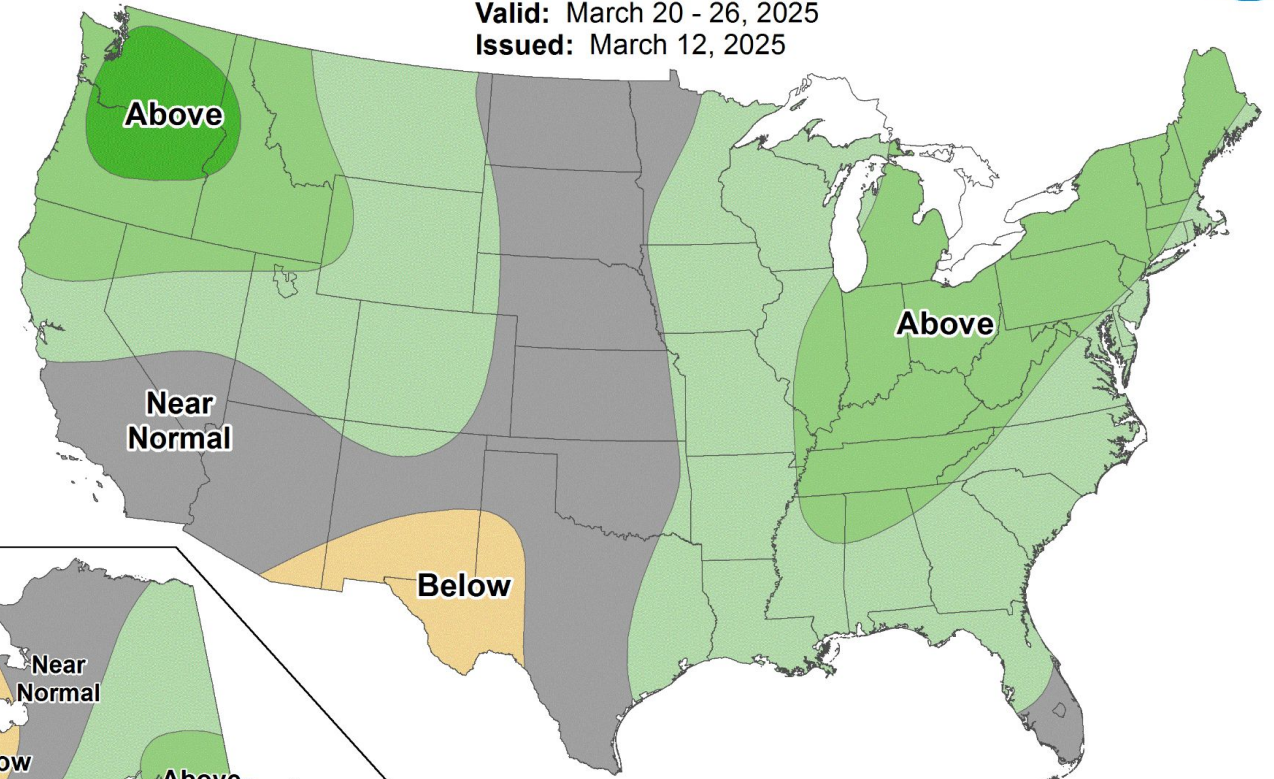
Valid: March 20 - 26, 2025
Issued: March 12, 2025



8-14 Day Precipitation Outlook



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





Three Month Outlook

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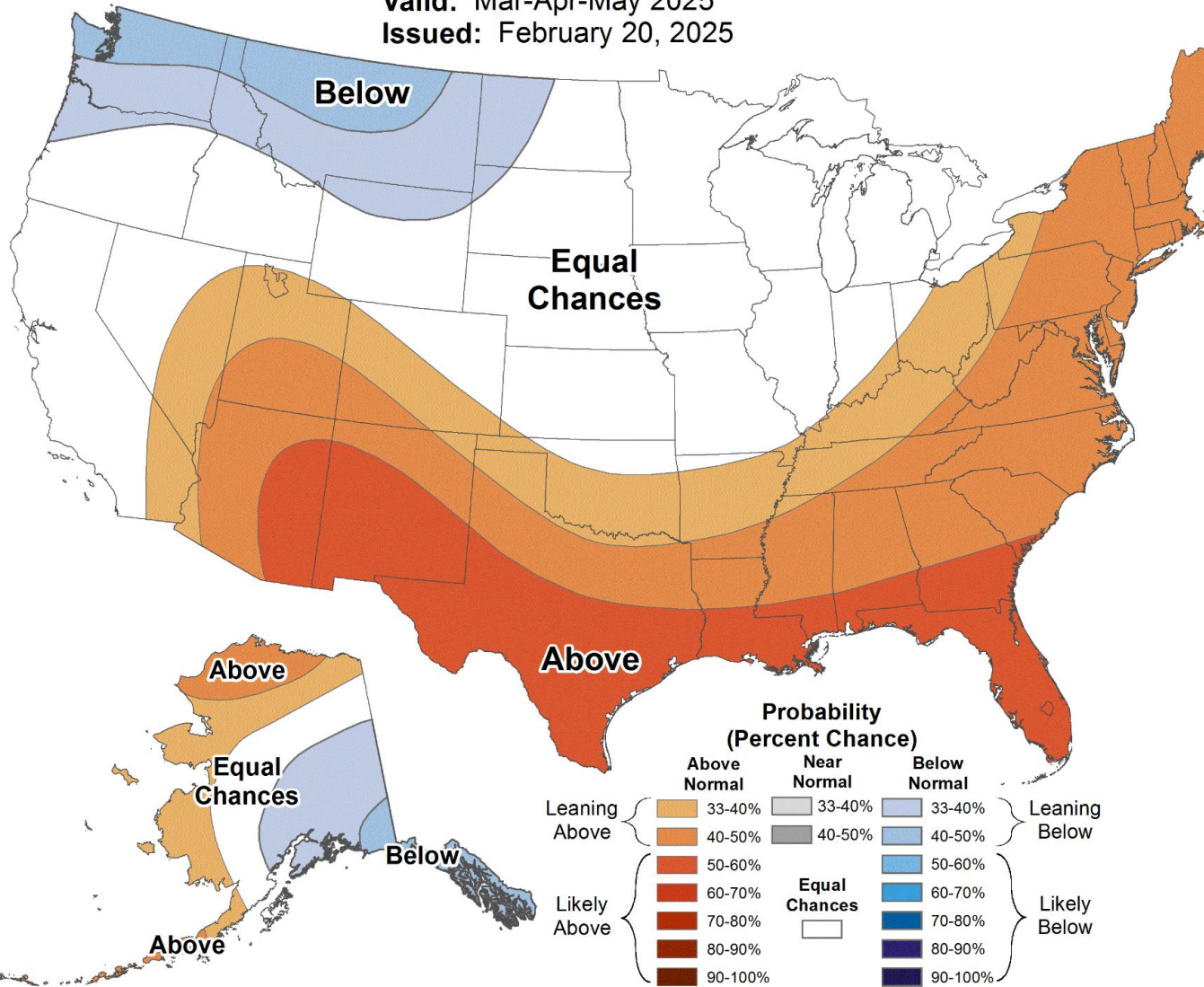
Mar-Apr-May 2025



Seasonal Temperature Outlook



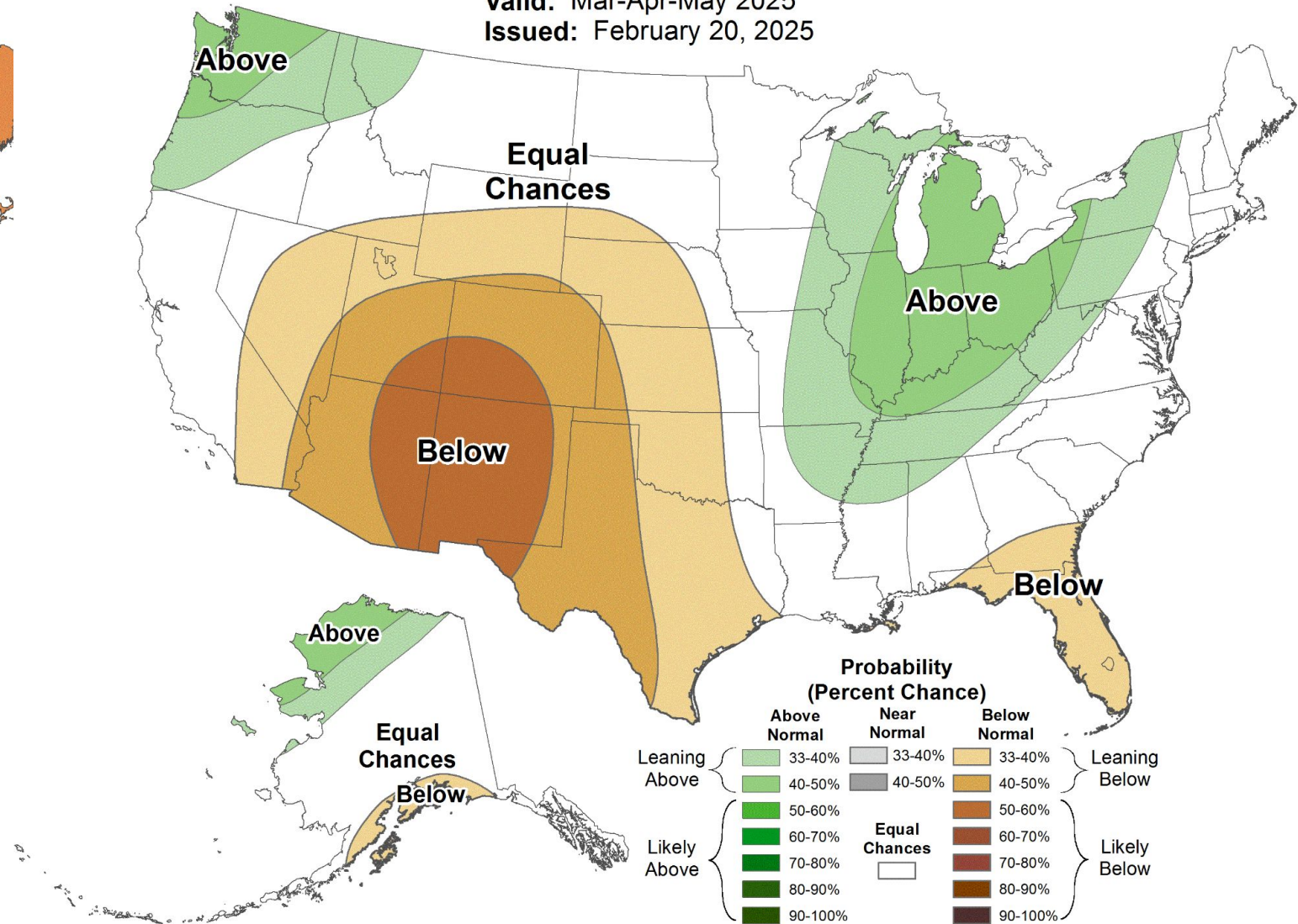
Valid: Mar-Apr-May 2025
Issued: February 20, 2025



Seasonal Precipitation Outlook



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

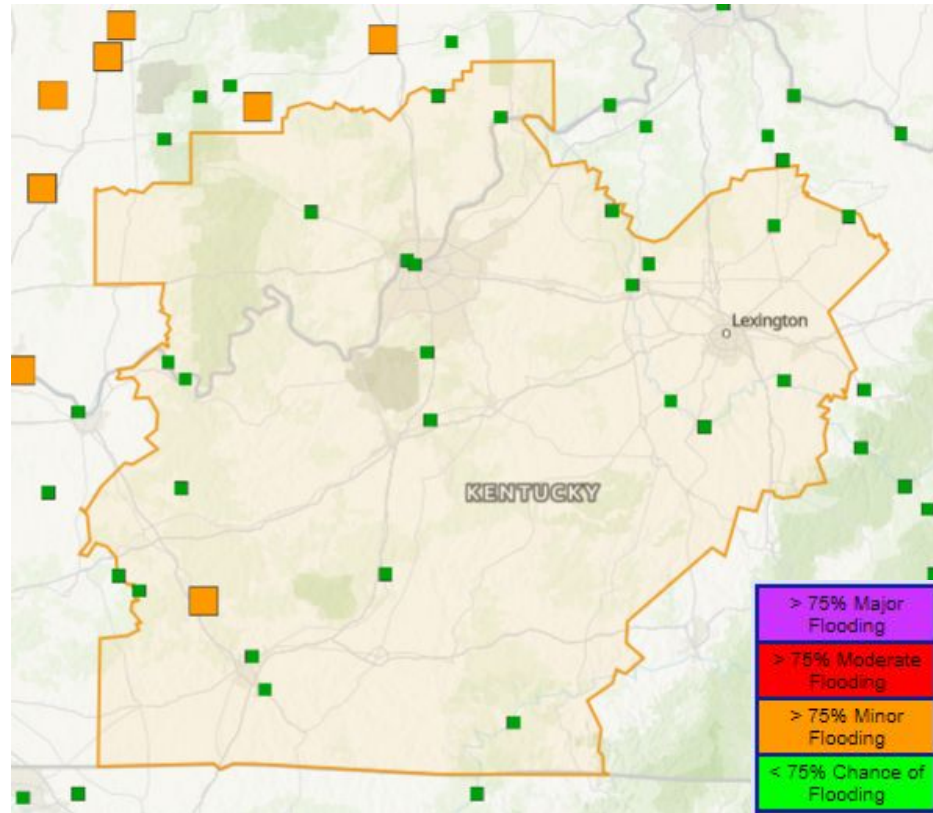




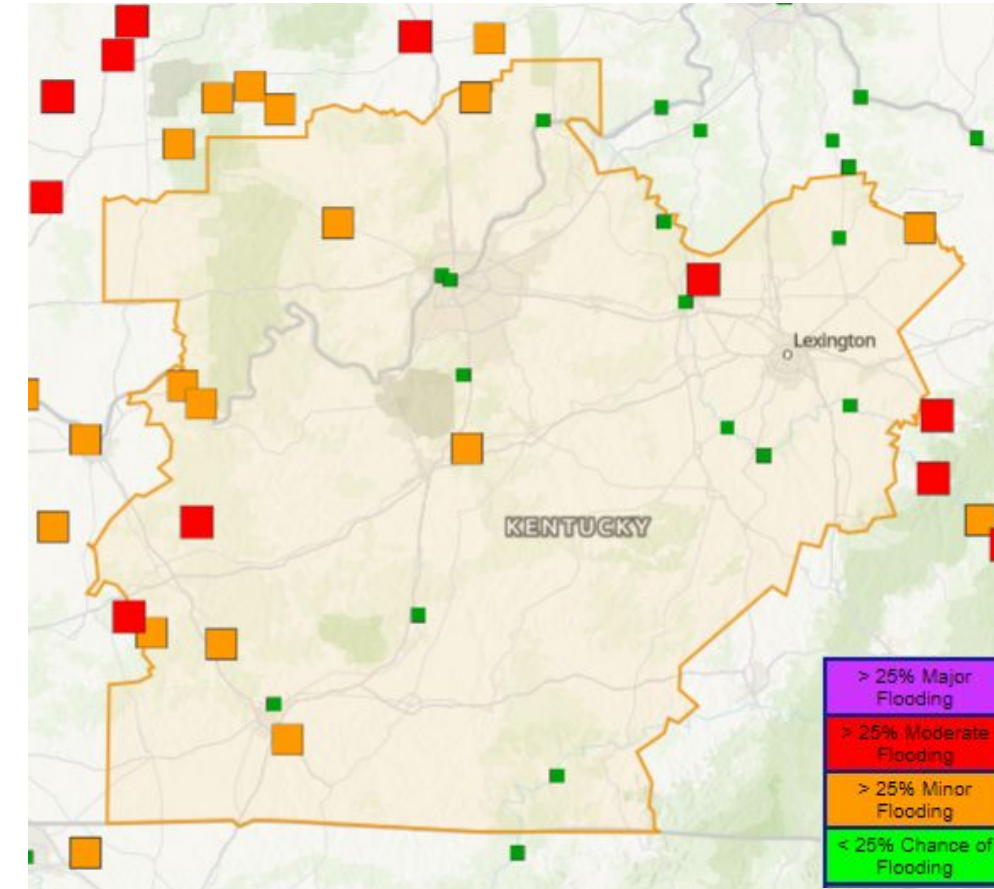
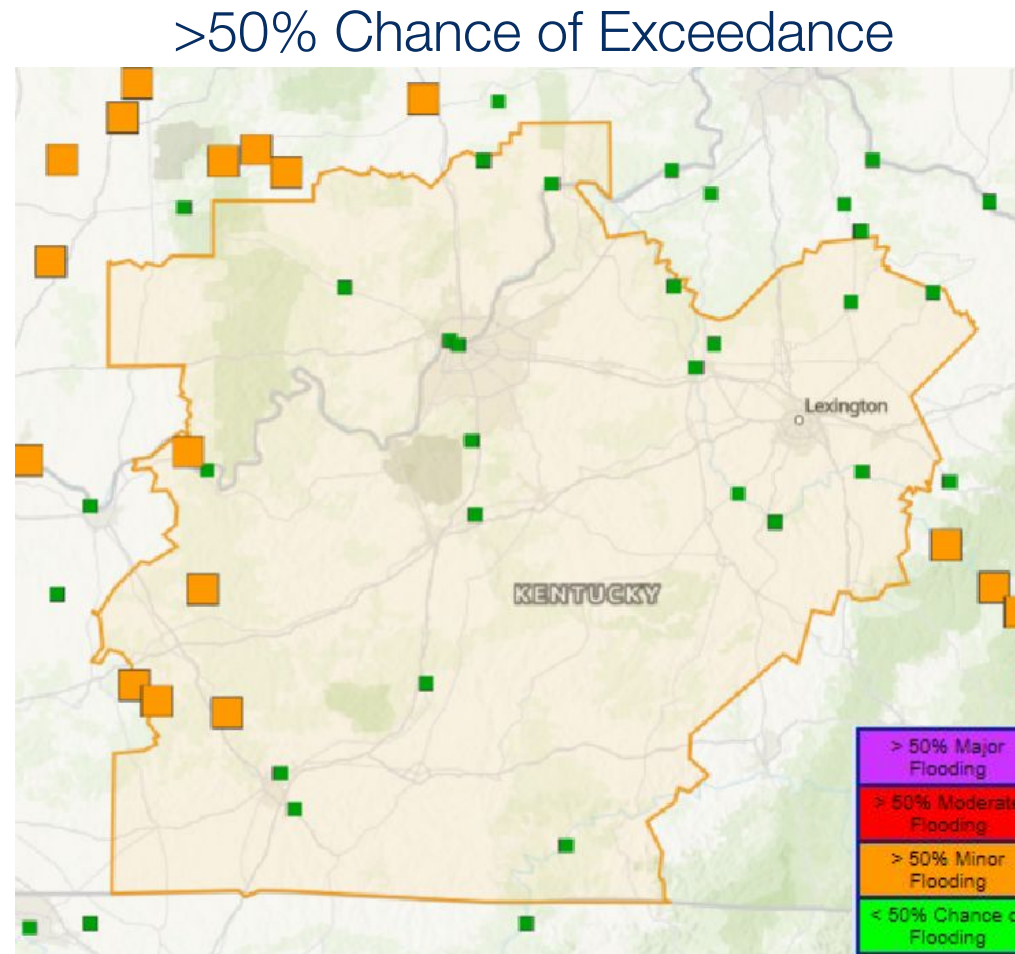
Flood Probabilities

March 13, 2025
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Most Likely Range of Outcomes



>75% Chance of Exceedance



>25% Chance of Exceedance



Flood Outlook Summary

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