



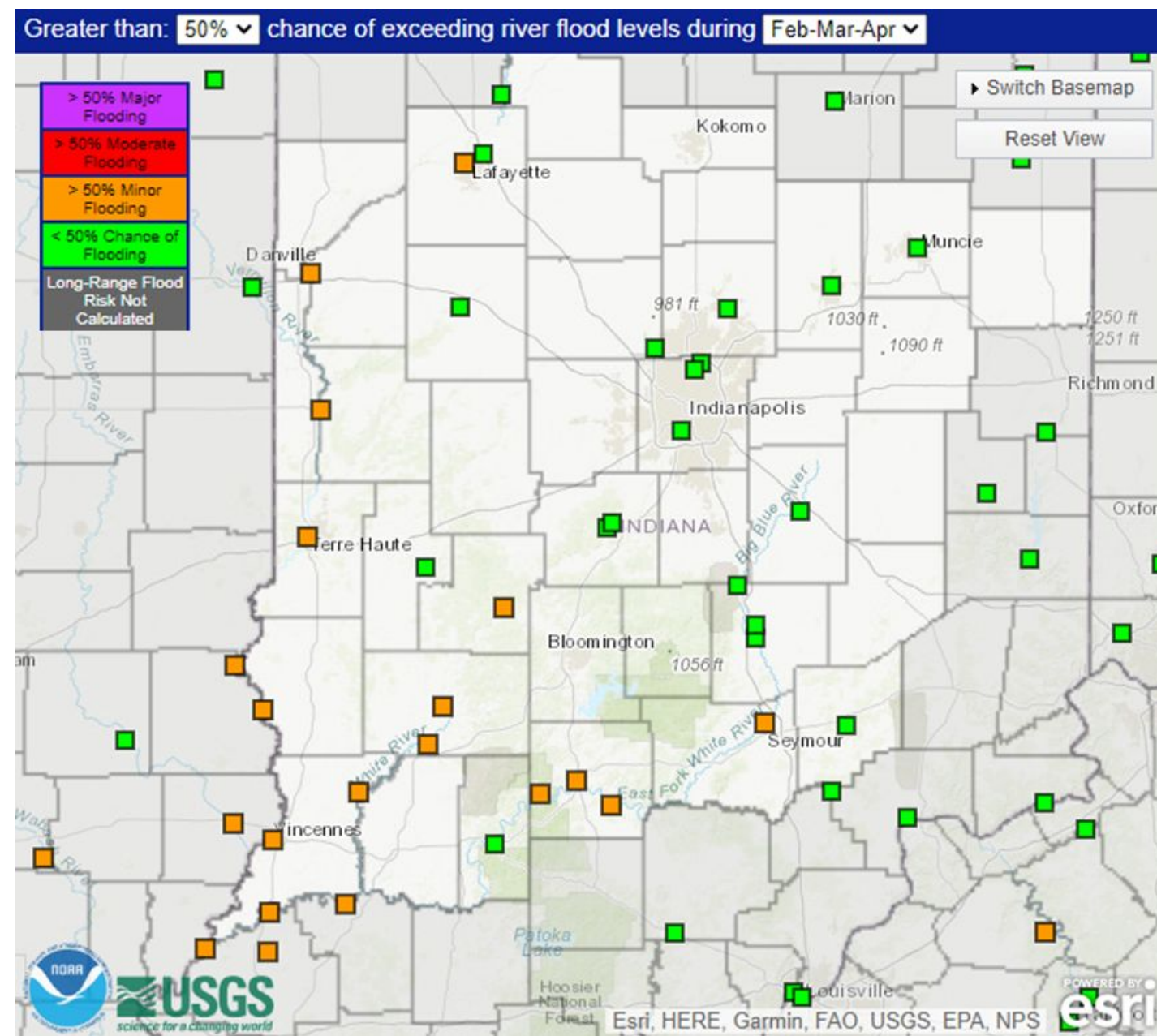
Spring Hydrologic Outlook

March 9, 2023
4:08 PM

Third and Final Issuance March 9, 2023

Key Messages

- Normal flood potential this spring
- Minor flooding is expected (50% chance or greater)
- Some chance for moderate flooding (25% chance or greater)–Wabash, parts of the East Fork White, and lower White
- CPC outlooks favor a wetter than normal pattern
- Rainfall will be the primary driver of flooding



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Indianapolis, IN



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Antecedent Conditions



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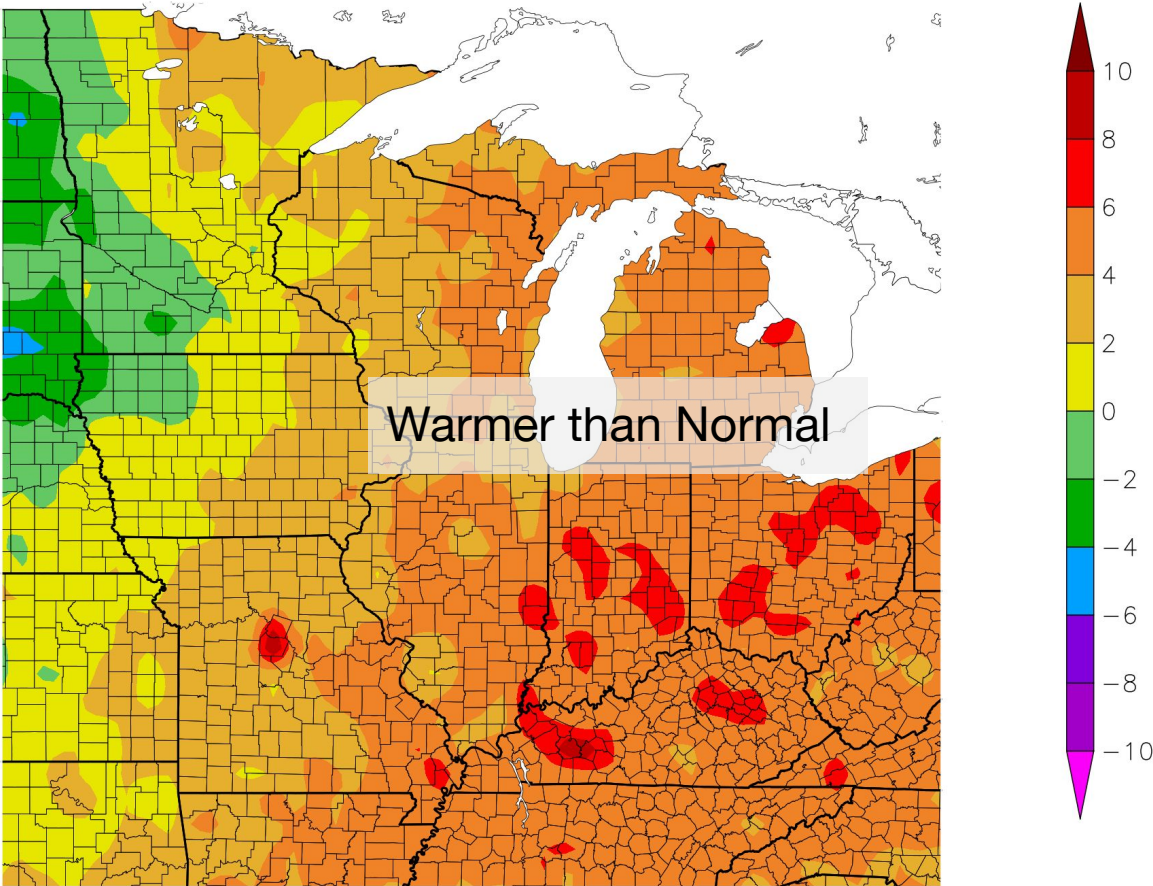


90 Day Departures from Normal

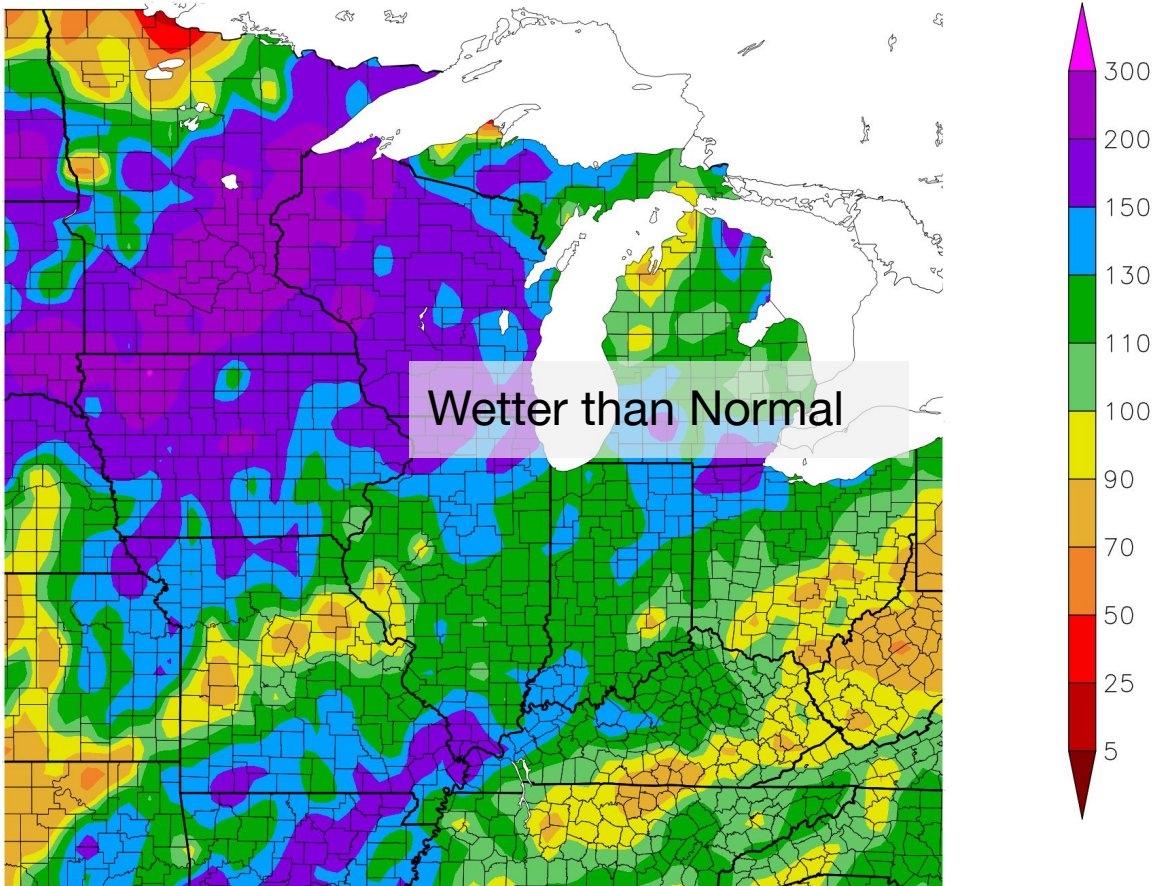
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Temperature/Precipitation

Departure from Normal Temperature (F)
12/9/2022 – 3/8/2023



Percent of Normal Precipitation (%)
12/9/2022 – 3/8/2023



Generated 3/9/2023 at HPRCC using provisional data.

NOAA Regional Climate Centers

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NOAA Regional Climate Centers

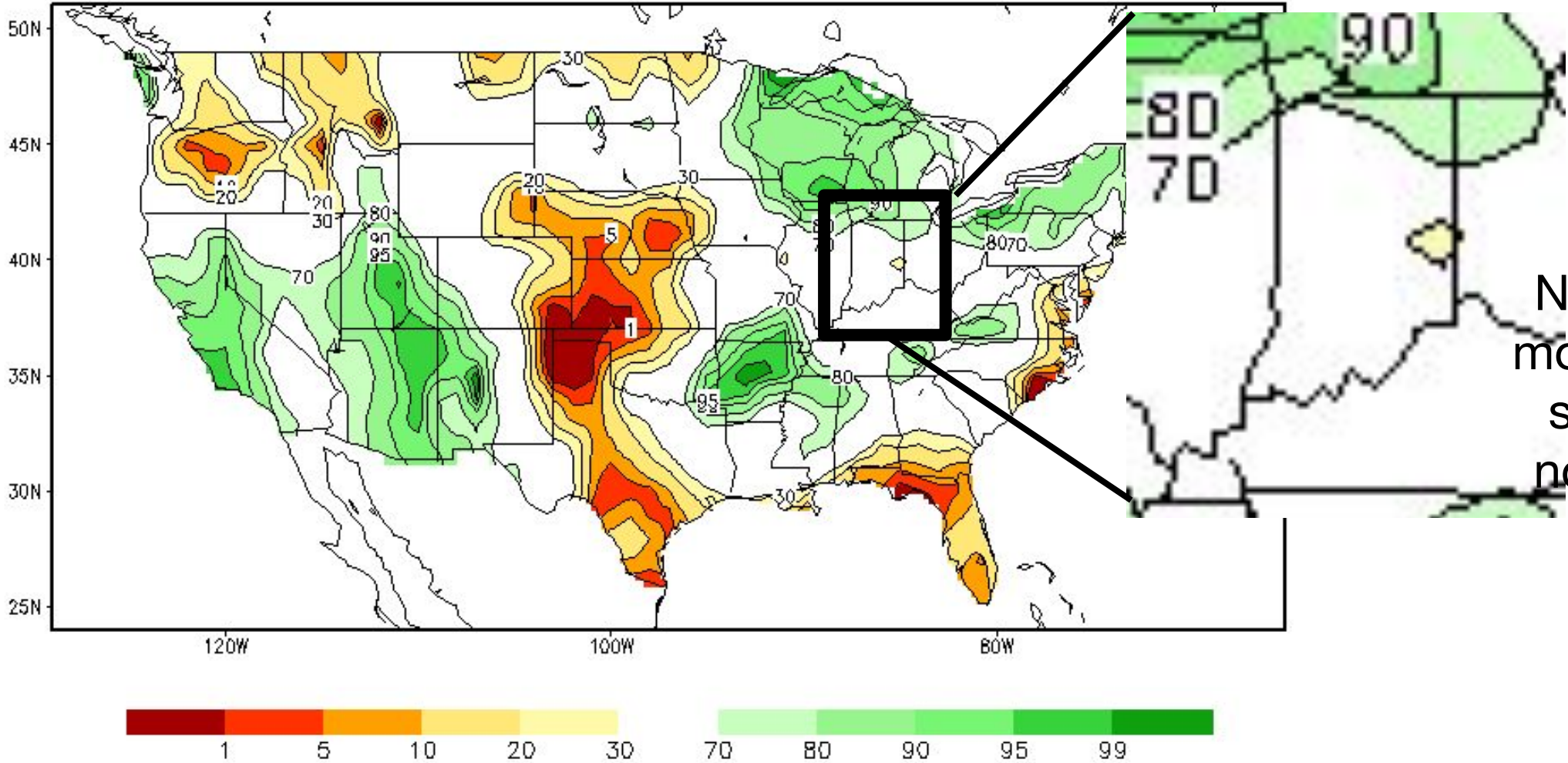




Soil Moisture

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Calculated Soil Moisture Ranking Percentile
MAR 08, 2023



Near normal soil moisture, with wet soils across far northern Indiana





Snowpack or Ice Issues

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There is no snow or ice in place across central or southern Indiana.

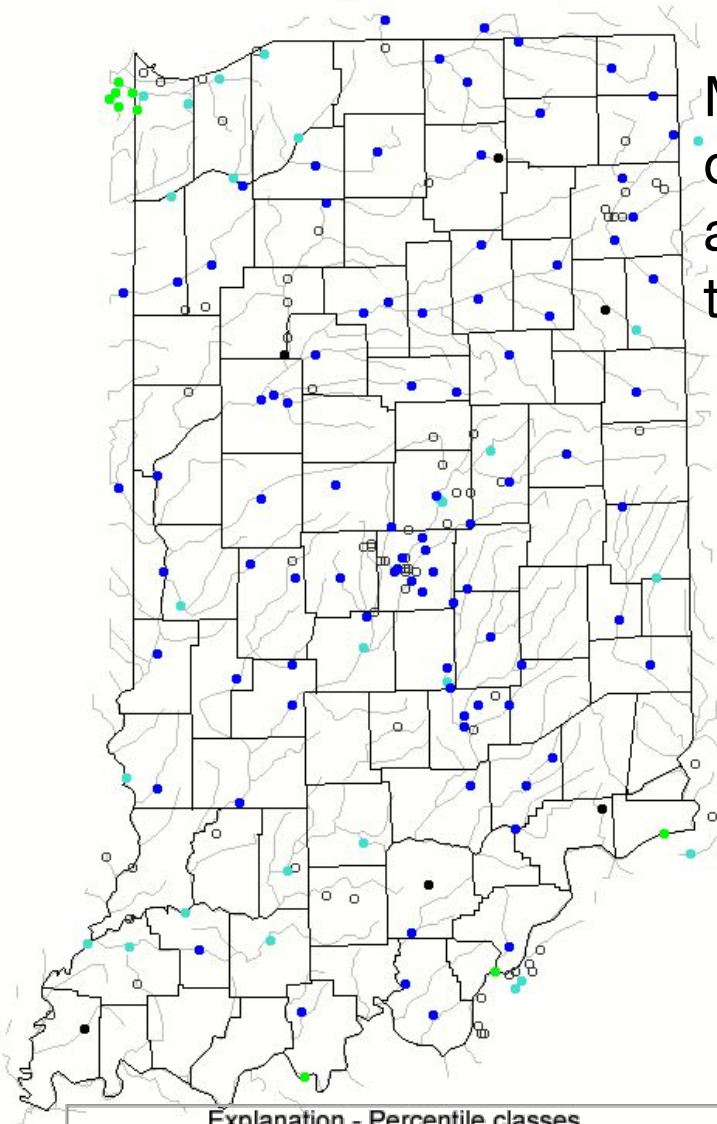




Streamflow/Drought

March 9, 2023
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Wednesday, March 08, 2023



Much above normal 7 day average streamflow across the majority of the state

All Drought and Abnormally Dry conditions have been removed from Indiana

U.S. Drought Monitor Indiana



March 7, 2023

(Released Thursday, Mar. 9, 2023)
Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	100.00	0.00	0.00	0.00	0.00	0.00
Last Week 02-28-2023	96.83	3.17	0.00	0.00	0.00	0.00
3 Months Ago 12-06-2022	6.85	93.15	56.49	0.07	0.00	0.00
Start of Calendar Year 01-03-2023	6.84	93.16	58.37	1.34	0.00	0.00
Start of Water Year 09-27-2022	80.92	19.08	0.00	0.00	0.00	0.00
One Year Ago 03-08-2022	100.00	0.00	0.00	0.00	0.00	0.00

Intensity:

None	D2 Severe Drought
D0 Abnormally Dry	D3 Extreme Drought
D1 Moderate 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:

Deborah Bathke
National Drought Mitigation Center



droughtmonitor.unl.edu



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		



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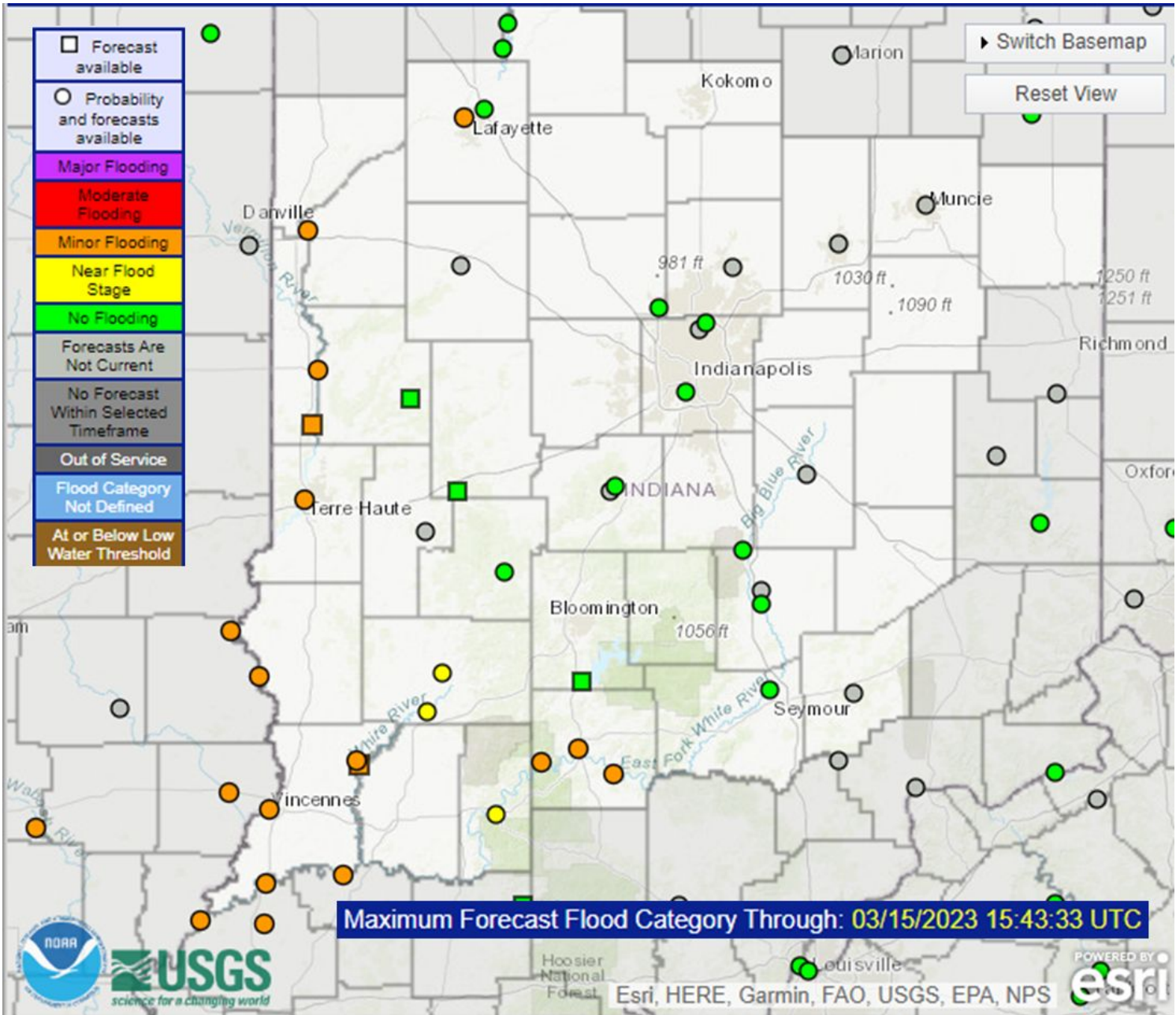
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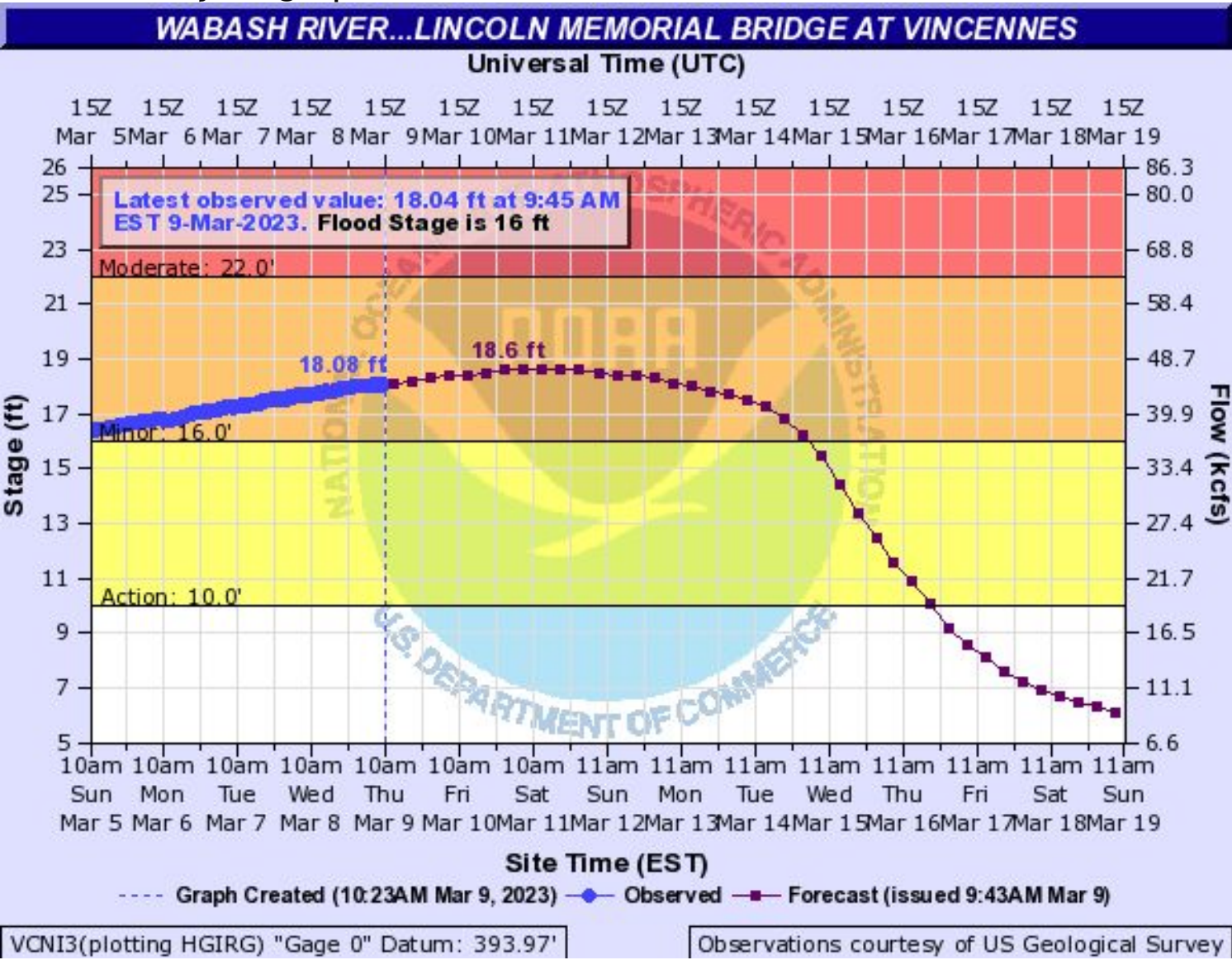
Current River Forecast

March 9, 2023
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Minor Flooding ongoing along the Wabash, lower White, lower East Fork White



Hydrograph for Wabash River at Vincennes





March 9, 2023
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Forecasts/Outlooks



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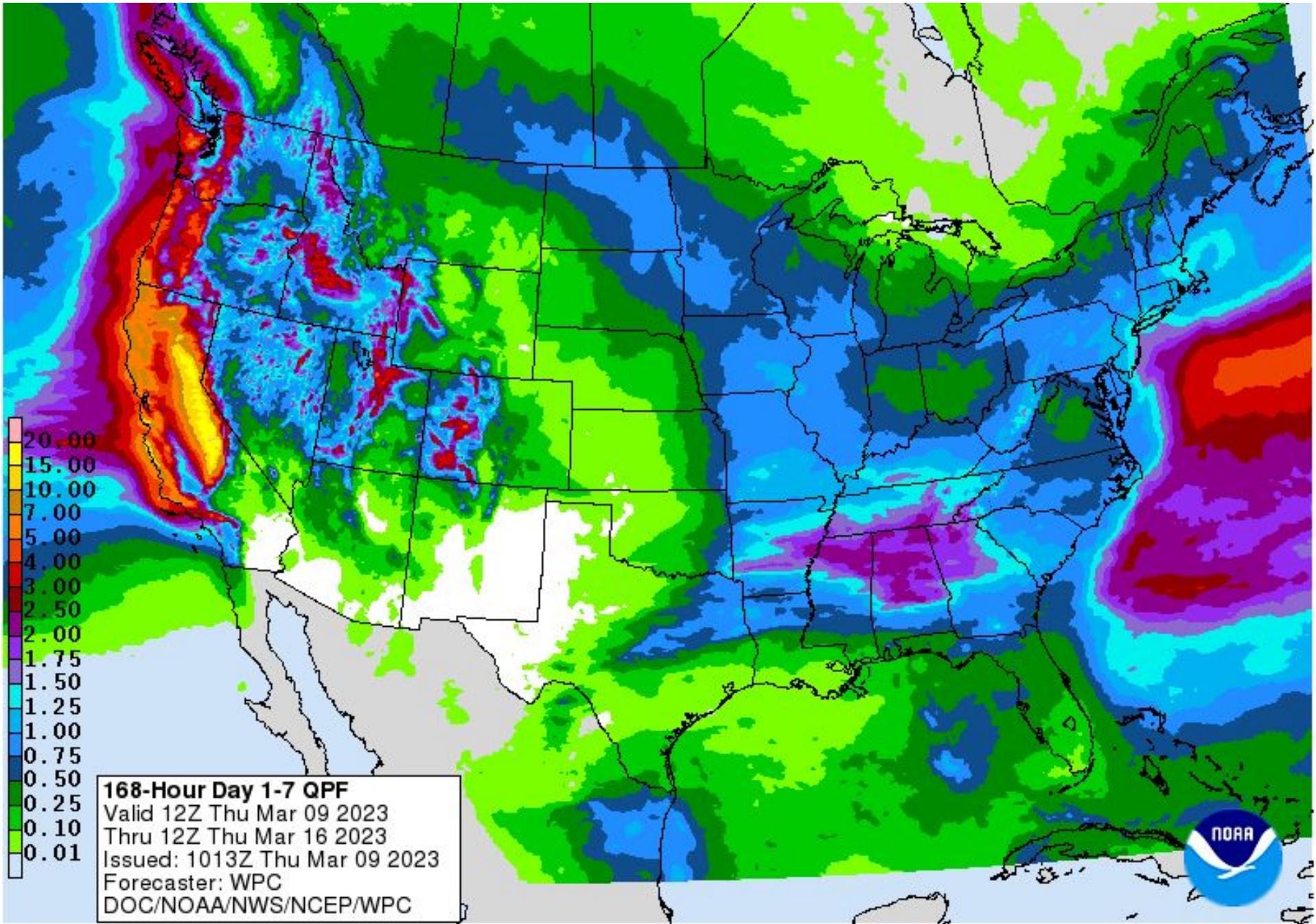
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Indianapolis, IN**



7 Day Precipitation Forecast

March 9th - 16th

March 9, 2023
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8 to 14 Day Outlook

March 9, 2023
4:08 PM

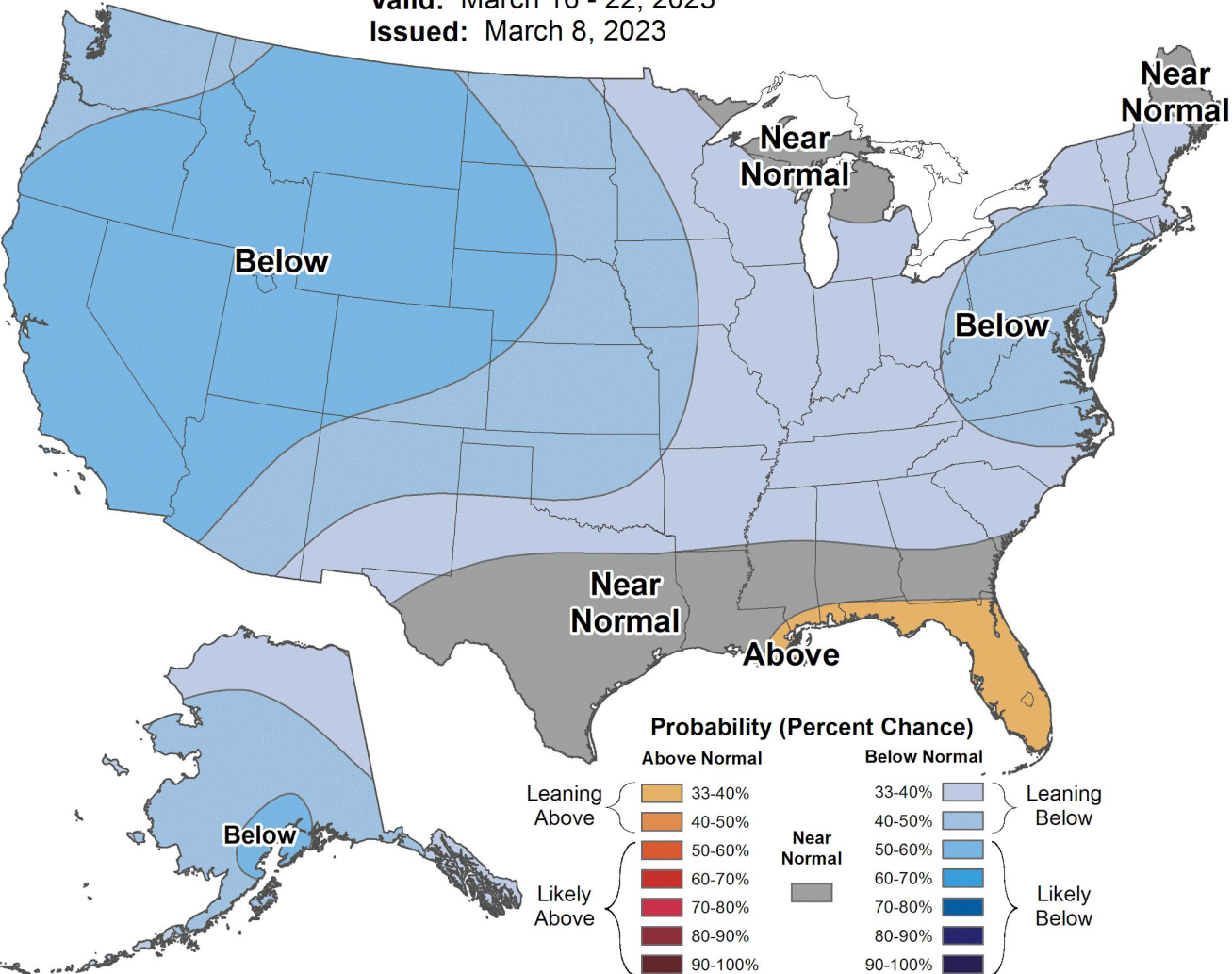
March 16 - 22, 2023



8-14 Day Temperature Outlook



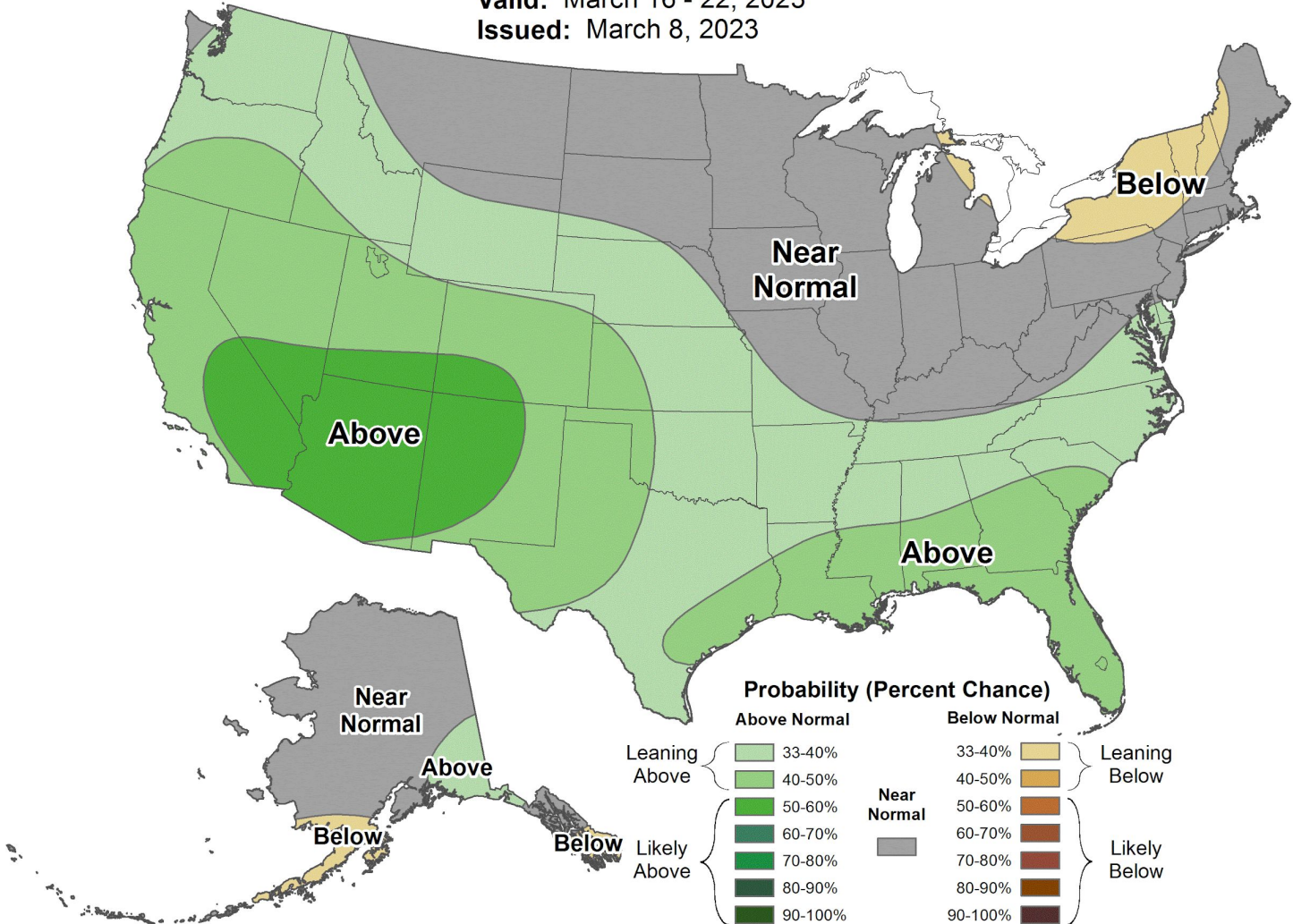
Valid: March 16 - 22, 2023
Issued: March 8, 2023



8-14 Day Precipitation Outlook



Valid: March 16 - 22, 2023
Issued: March 8, 2023





Three Month Outlook

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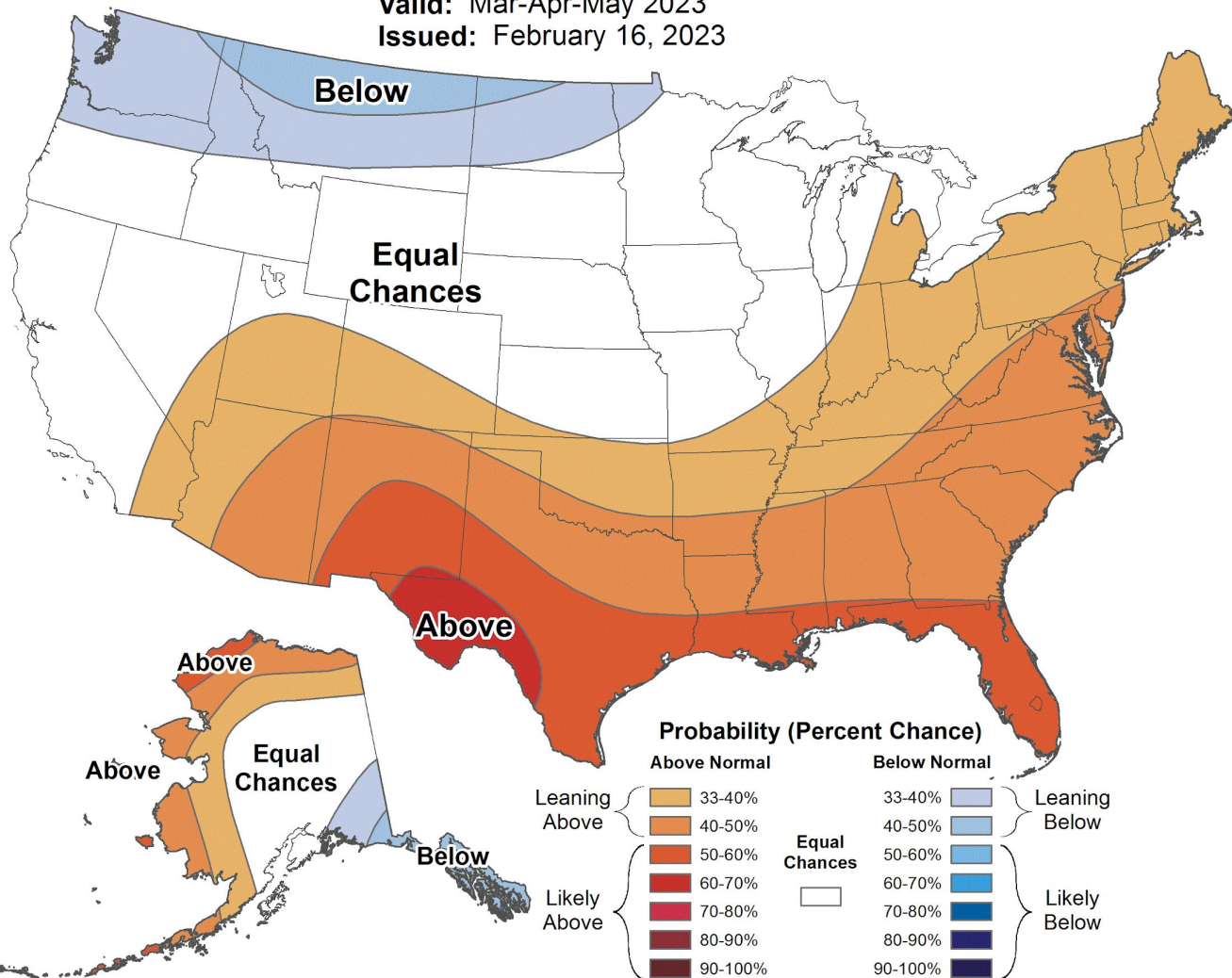
Mar-Apr-May 2023



Seasonal Temperature Outlook



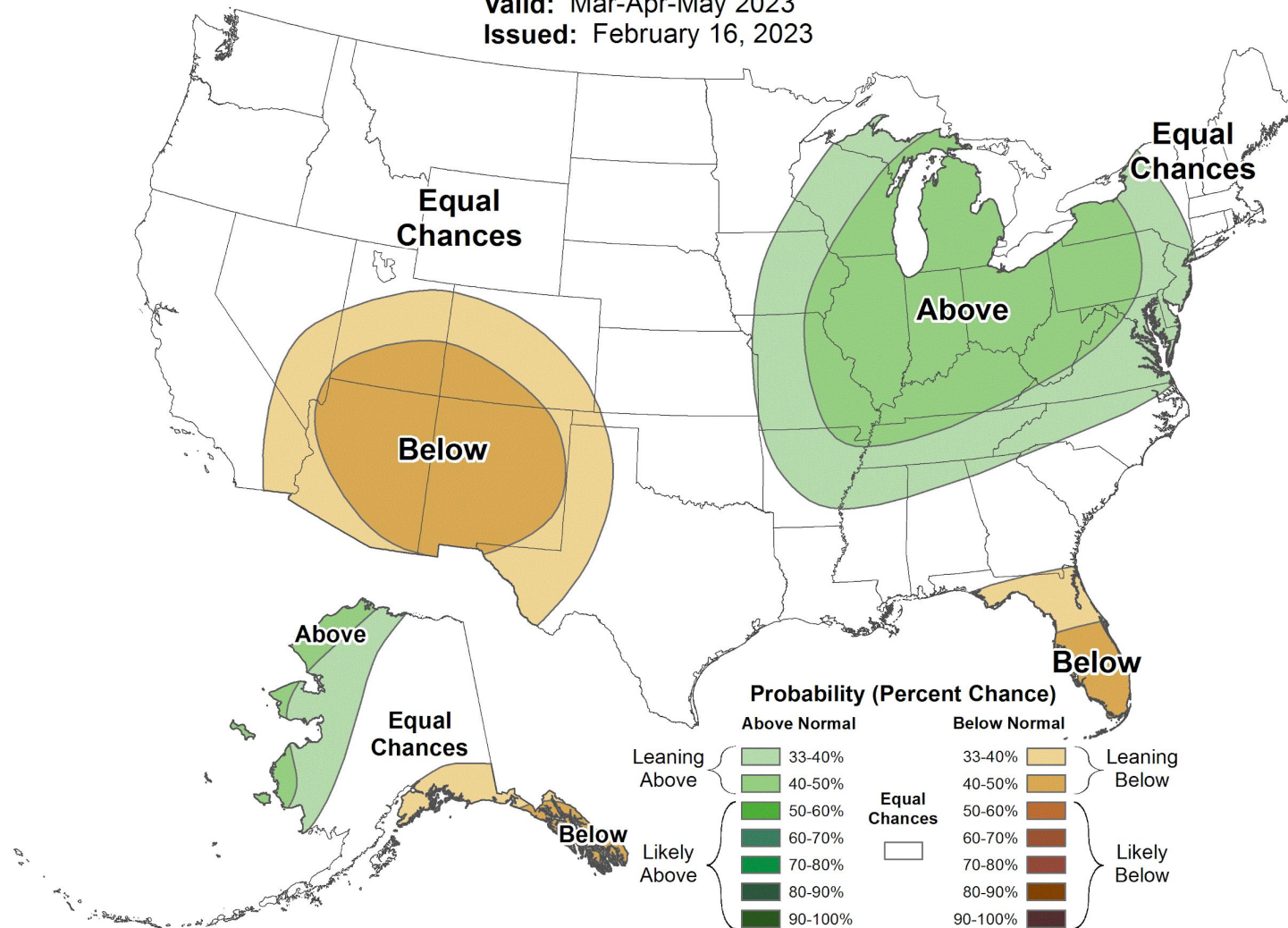
Valid: Mar-Apr-May 2023
Issued: February 16, 2023



Seasonal Precipitation Outlook



Valid: Mar-Apr-May 2023
Issued: February 16, 2023

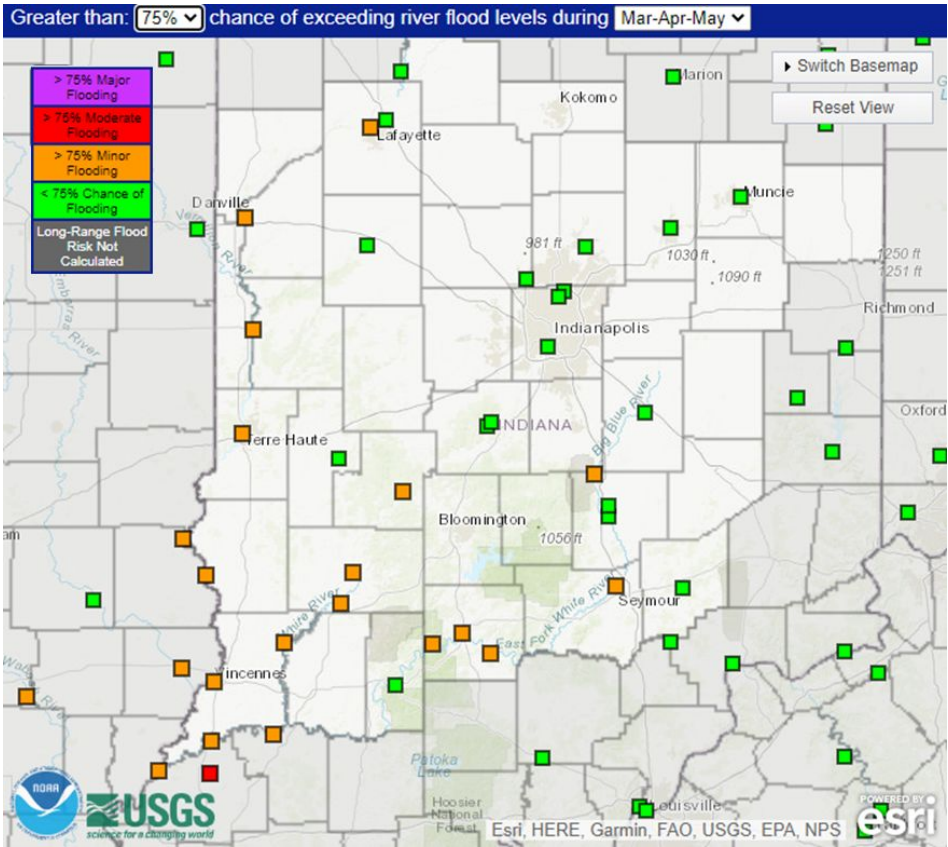




Flood Probabilities

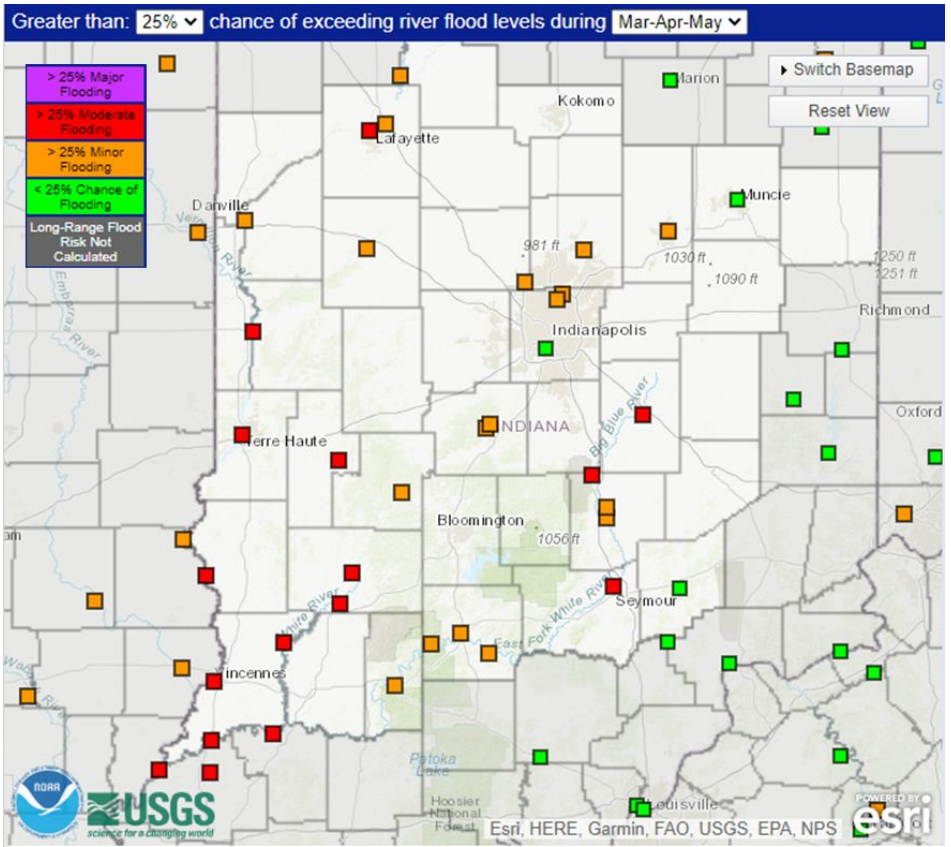
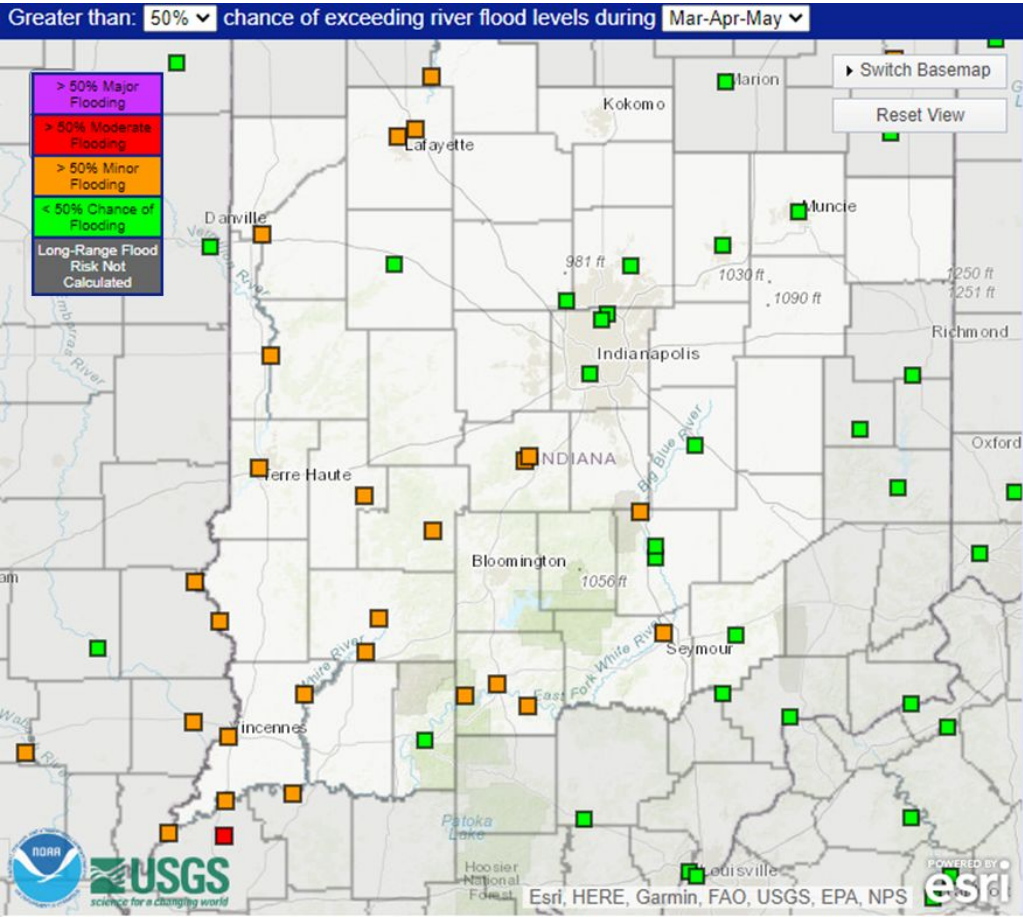
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Most Likely Range of Outcomes



>75% Chance of Exceedance

>50% Chance of Exceedance



>25% Chance of Exceedance



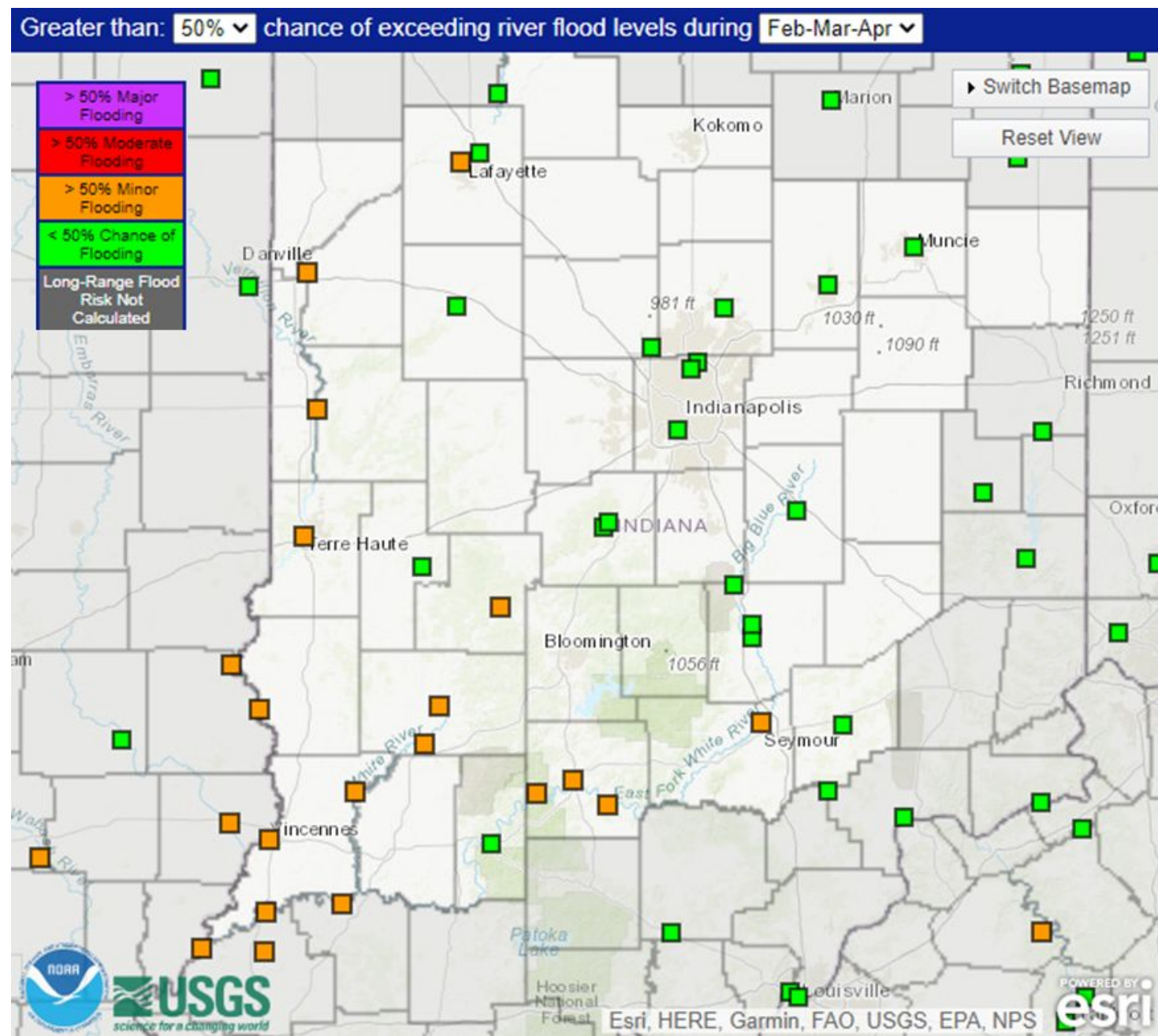


Flood Outlook Summary

March 9, 2023
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Summary

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This is the Final Issuance.



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