



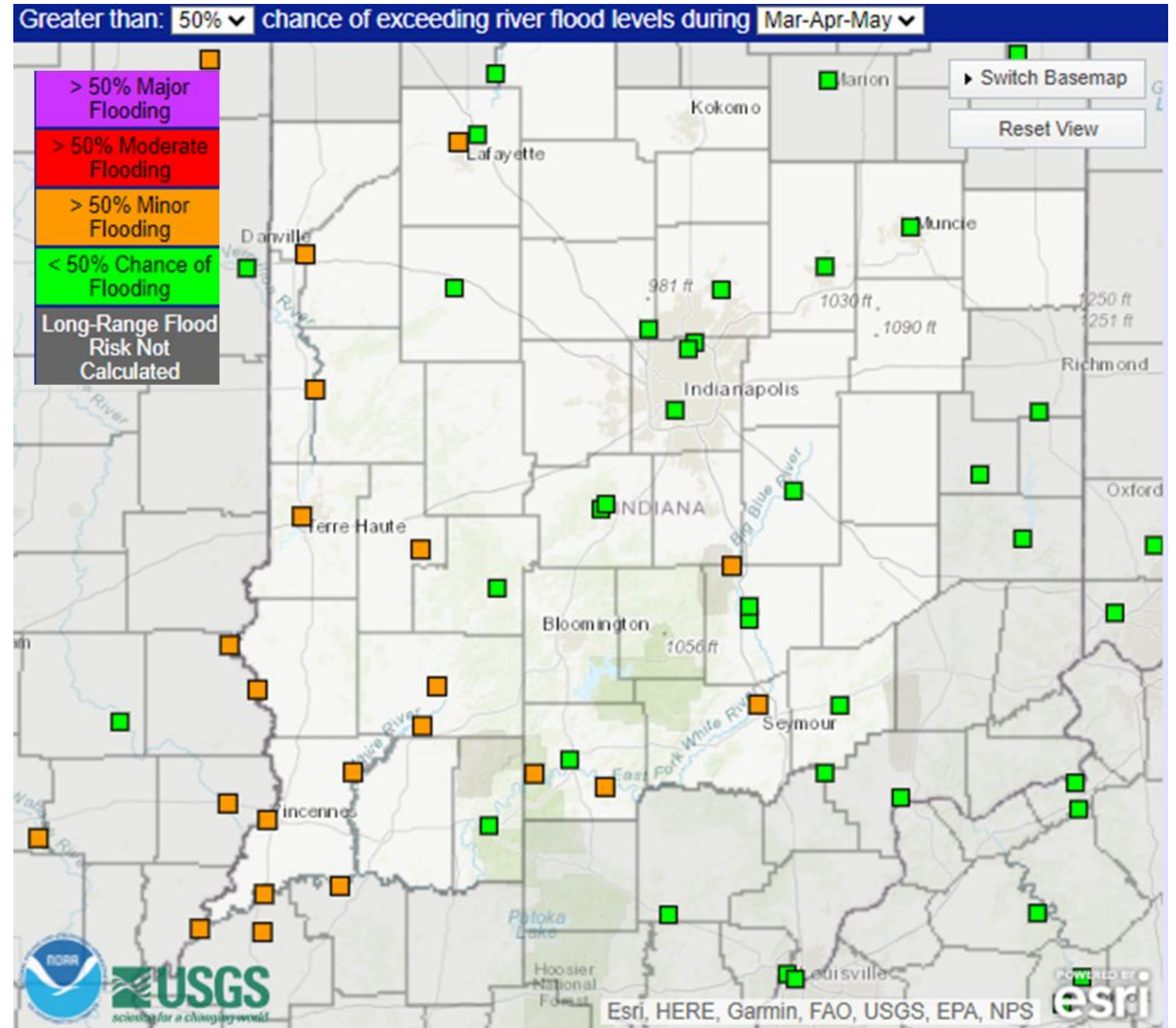
Spring Hydrologic Outlook

March 14, 2024
1:08 PM

Third Issuance March 14, 2024

Key Messages

- Near Normal flood potential south of I-70
- Slightly Below Normal flood potential north of I-70
- Minor flooding is expected (50% chance or greater)--Wabash, lower White, East Fork White
- Isolated Moderate flooding possible (10% chance or greater)--Wabash, lower White, East Fork White
- CPC seasonal outlooks show a lean toward both above normal temperatures and above normal precipitation
- Rainfall will be the primary driver of flooding



This is the Final Scheduled Update



March 14, 2024
1:08 PM

Antecedent Conditions



National Oceanic and
Atmospheric Administration

U.S. Department of Commerce

National Weather Service
Indianapolis, IN

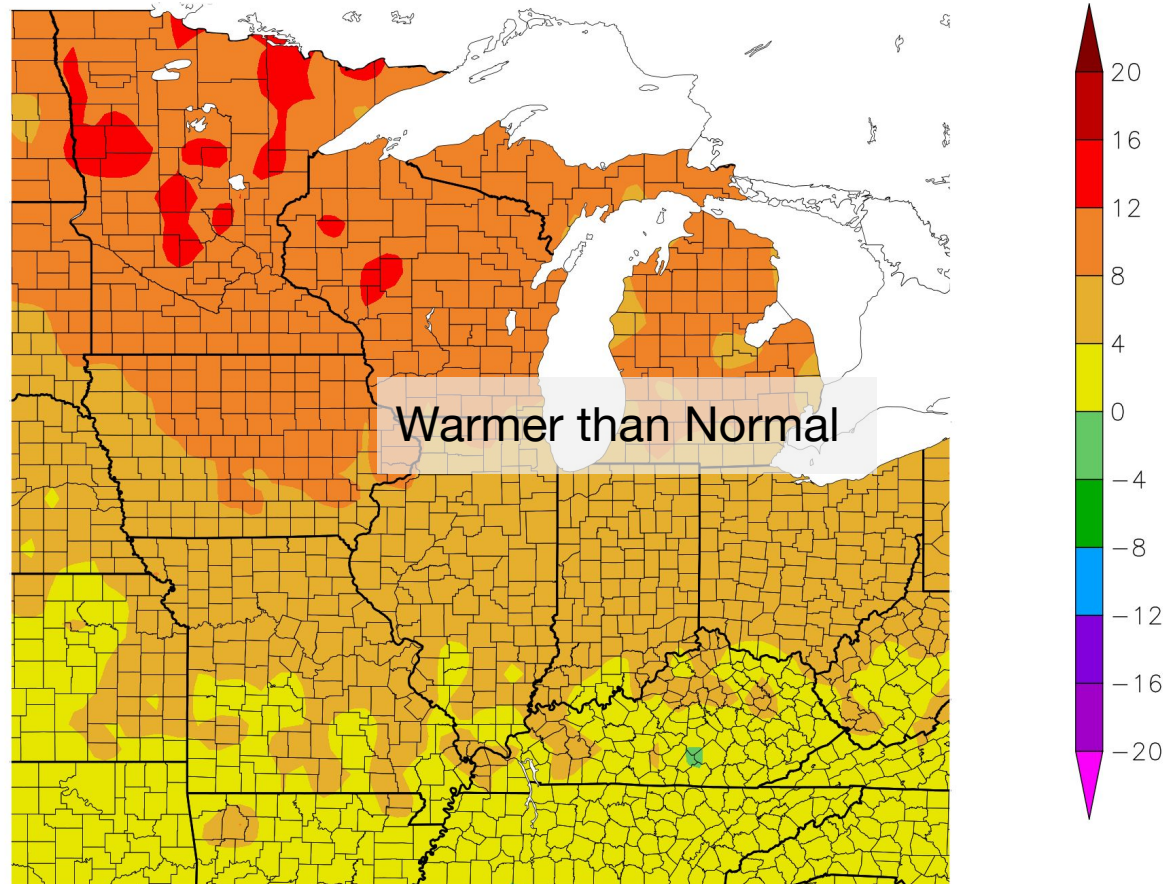


90 Day Departures from Normal

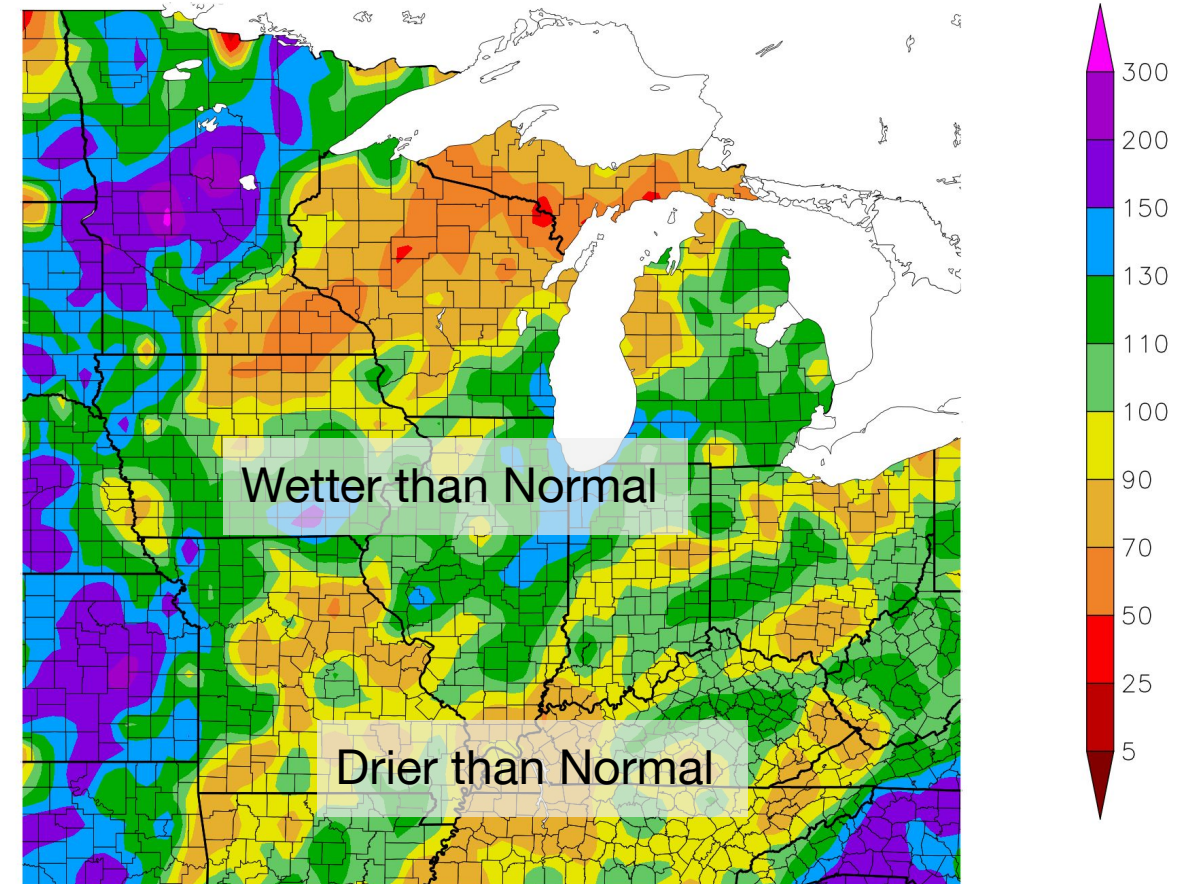
March 14, 2024
1:08 PM

Temperature/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.

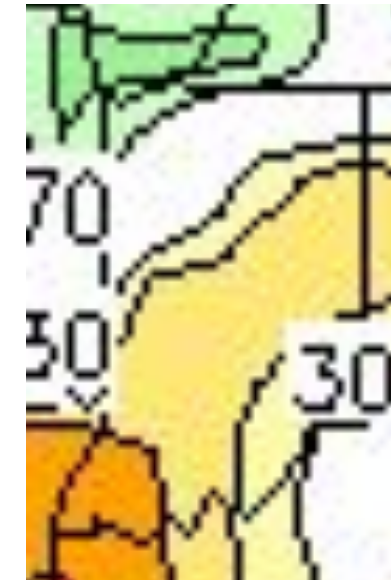
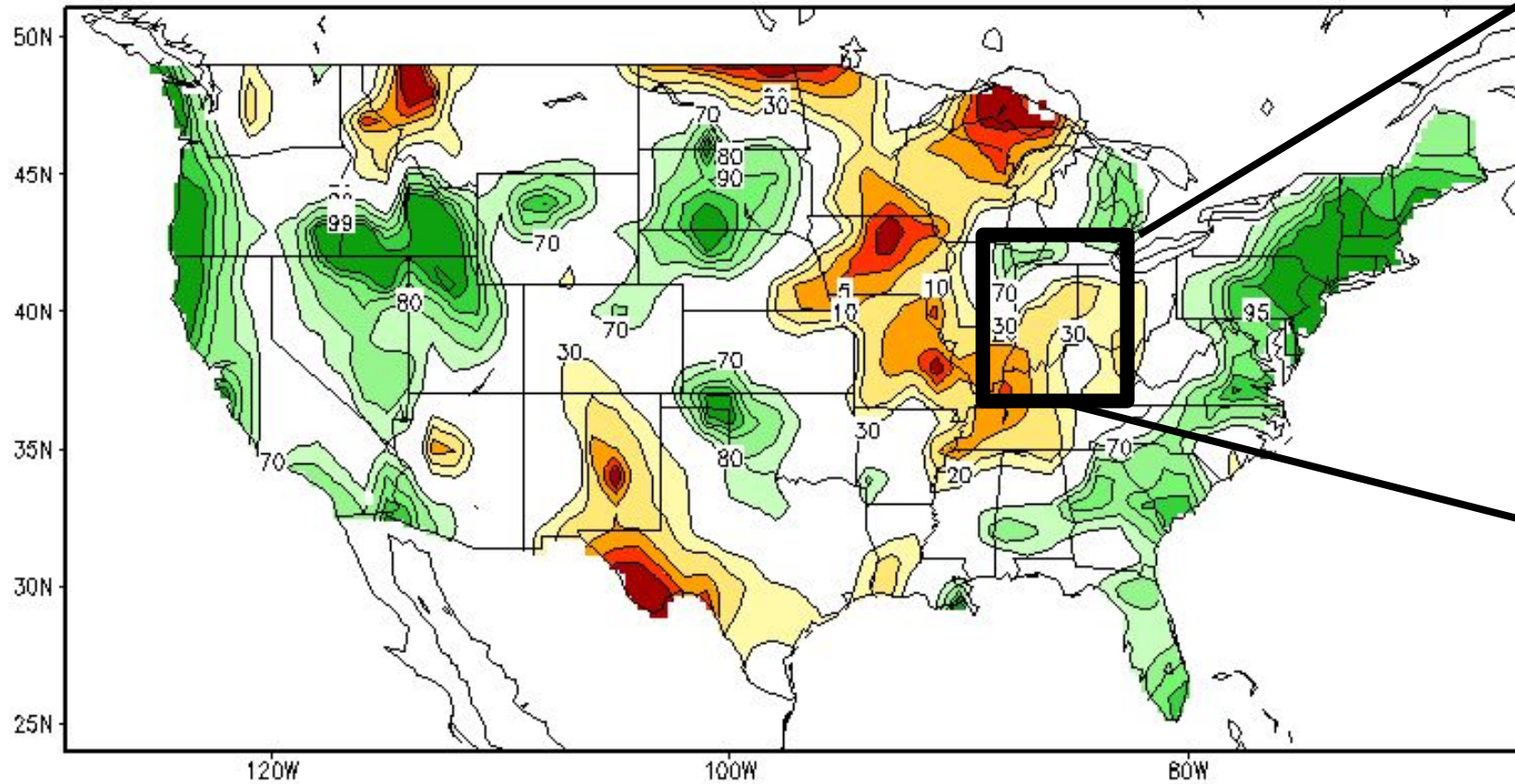
NOAA Regional Climate Centers



Soil Moisture

March 14, 2024
1:08 PM

Calculated Soil Moisture Ranking Percentile
MAR 12, 2024



Somewhat dry—
10 to 30% of
normal for most
of the area
Drier southwest
Wetter north





Snowpack or Ice Issues

March 14, 2024
1:08 PM

There is no snow or ice in place in Indiana

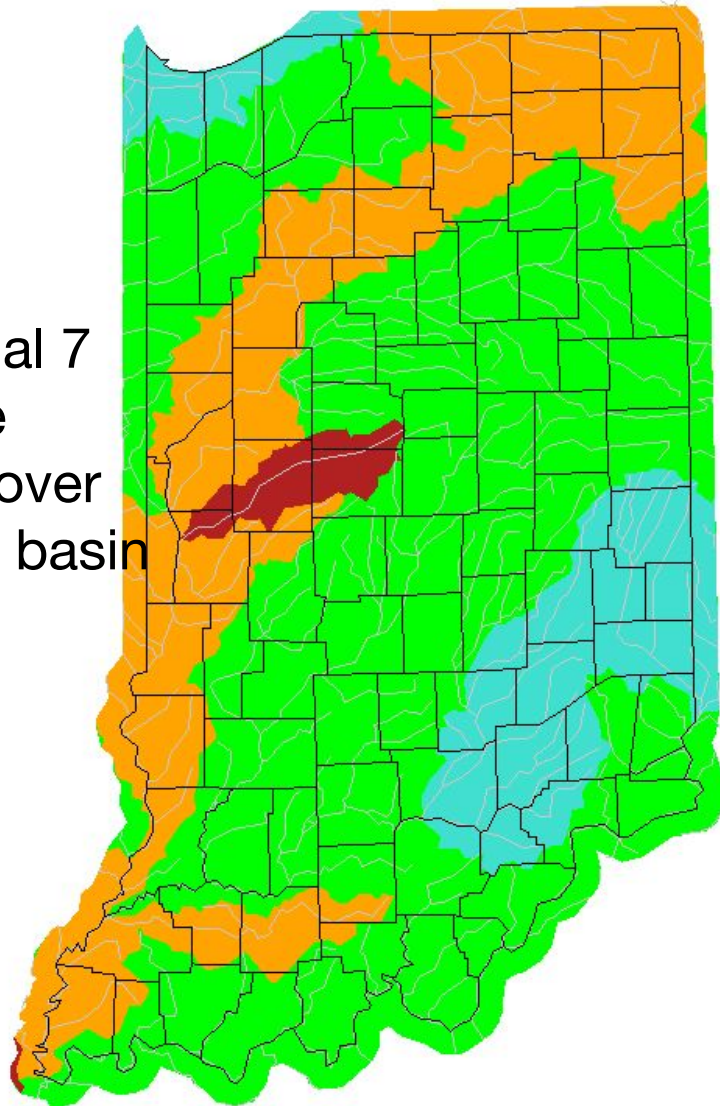


Streamflow/Drought

March 14, 2024
1:08 PM

Wednesday, March 13, 2024

Below normal 7 day average streamflow over the Wabash basin

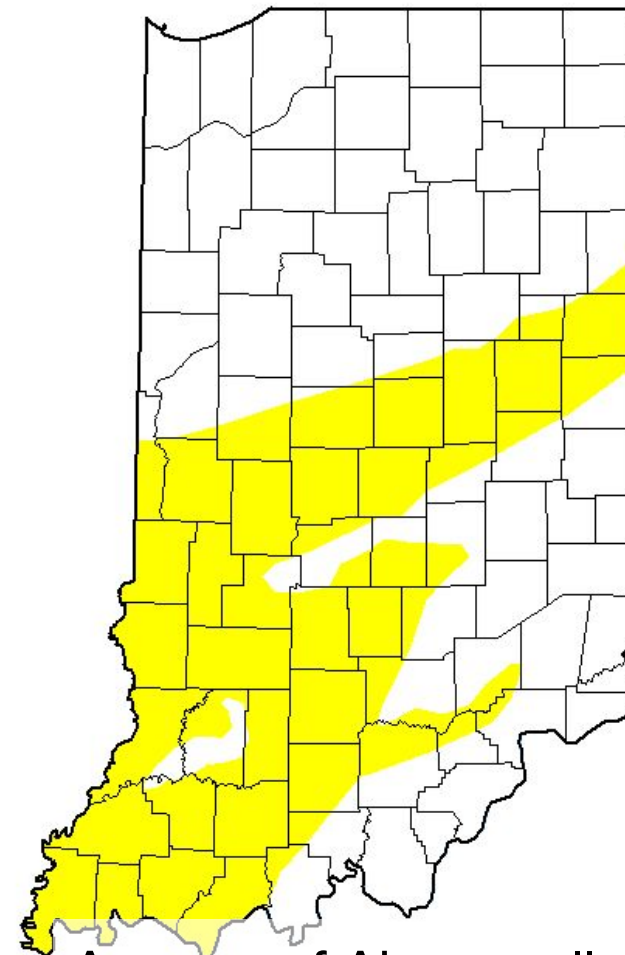


Normal 7 day average streamflow for much of central Indiana

Above normal 7 day average streamflow over the southeast Indiana

USGS 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		

U.S. Drought Monitor Indiana



An area of Abnormally Dry continues

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

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	61.77	38.23	0.00	0.00	0.00	0.00
Last Week 03-05-2024	54.56	45.44	0.00	0.00	0.00	0.00
3 Months Ago 12-12-2023	1.92	98.08	54.15	7.61	0.00	0.00
Start of Calendar Year 01-02-2024	10.70	89.30	81.12	12.88	0.00	0.00
Start of Water Year 09-26-2023	1.38	98.62	85.30	0.00	0.00	0.00
One Year Ago 03-14-2023	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:

Curtis Riganti
National Drought Mitigation Center



droughtmonitor.unl.edu



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

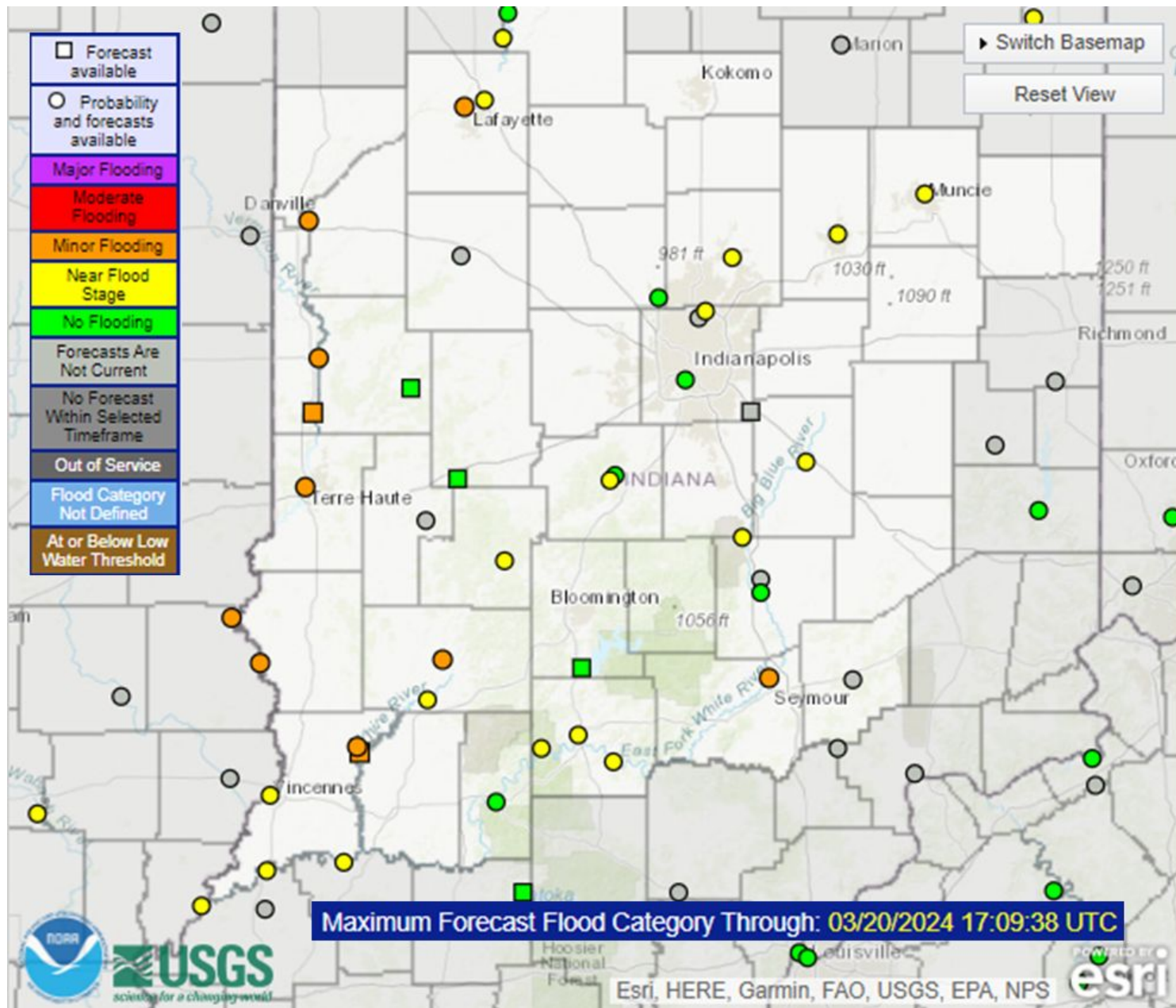
National Weather Service
Indianapolis, IN



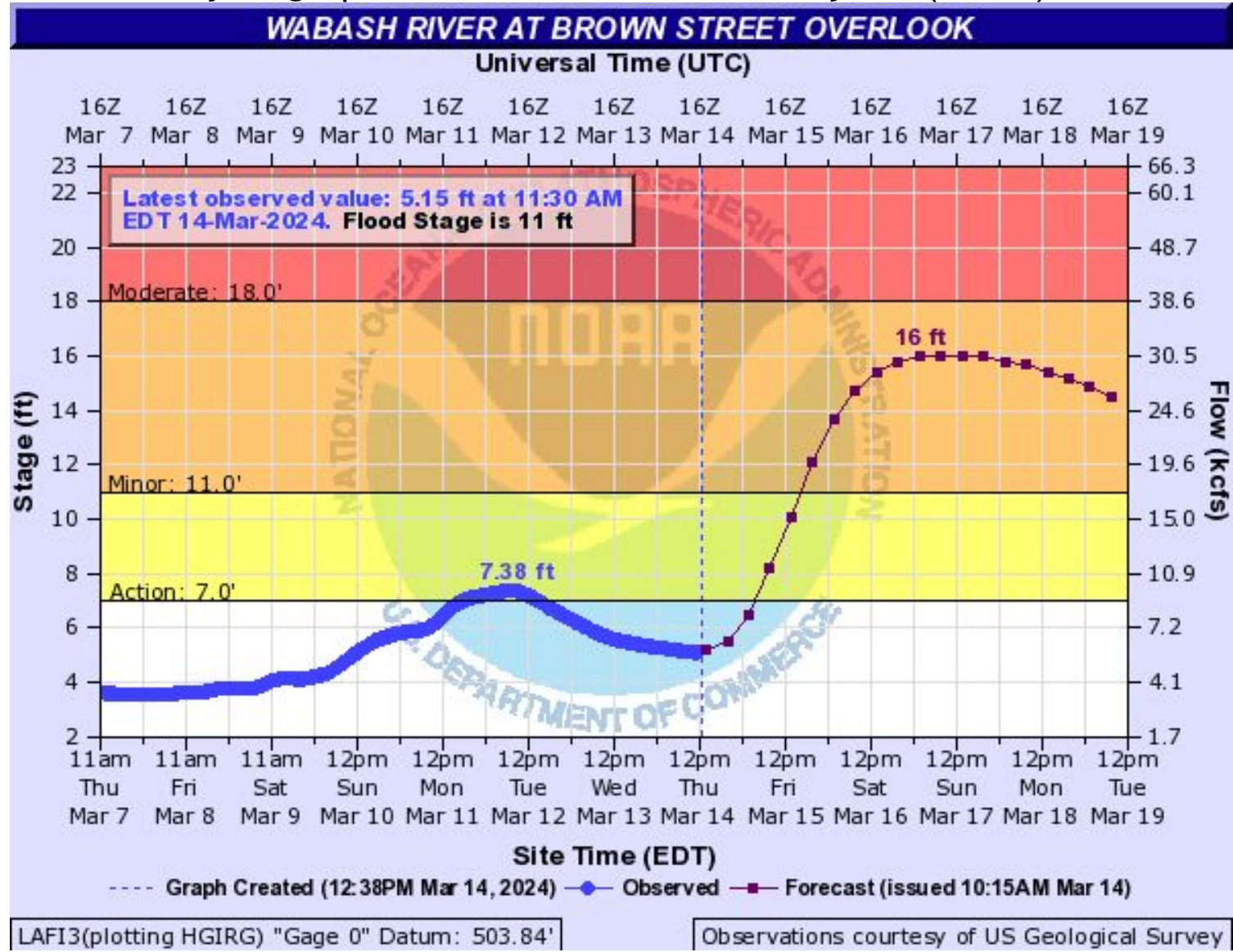
Current 7 Day River Forecast

March 14, 2024
1:08 PM

Minor Flooding Developing on the Wabash



Hydrograph for Wabash River at Lafayette (LAFI3)





March 14, 2024
1:08 PM

Forecasts/Outlooks



National Oceanic and
Atmospheric Administration

U.S. Department of Commerce

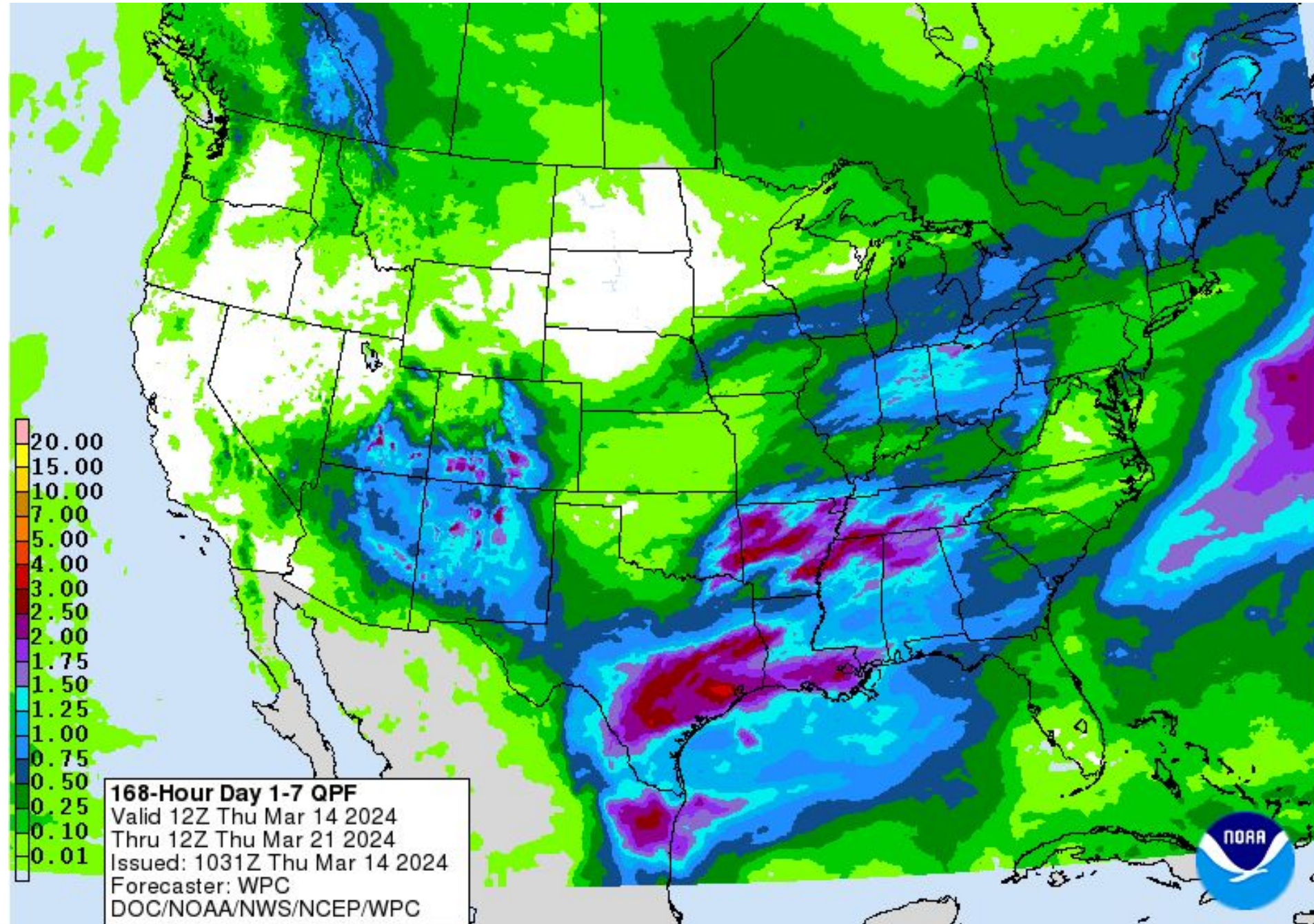
National Weather Service
Indianapolis, IN



7 Day Precipitation Forecast

March 14, 2024
1:08 PM

Thursday March 14th-Thursday March 21st





8 to 14 Day Outlook

March 14, 2024
1:08 PM

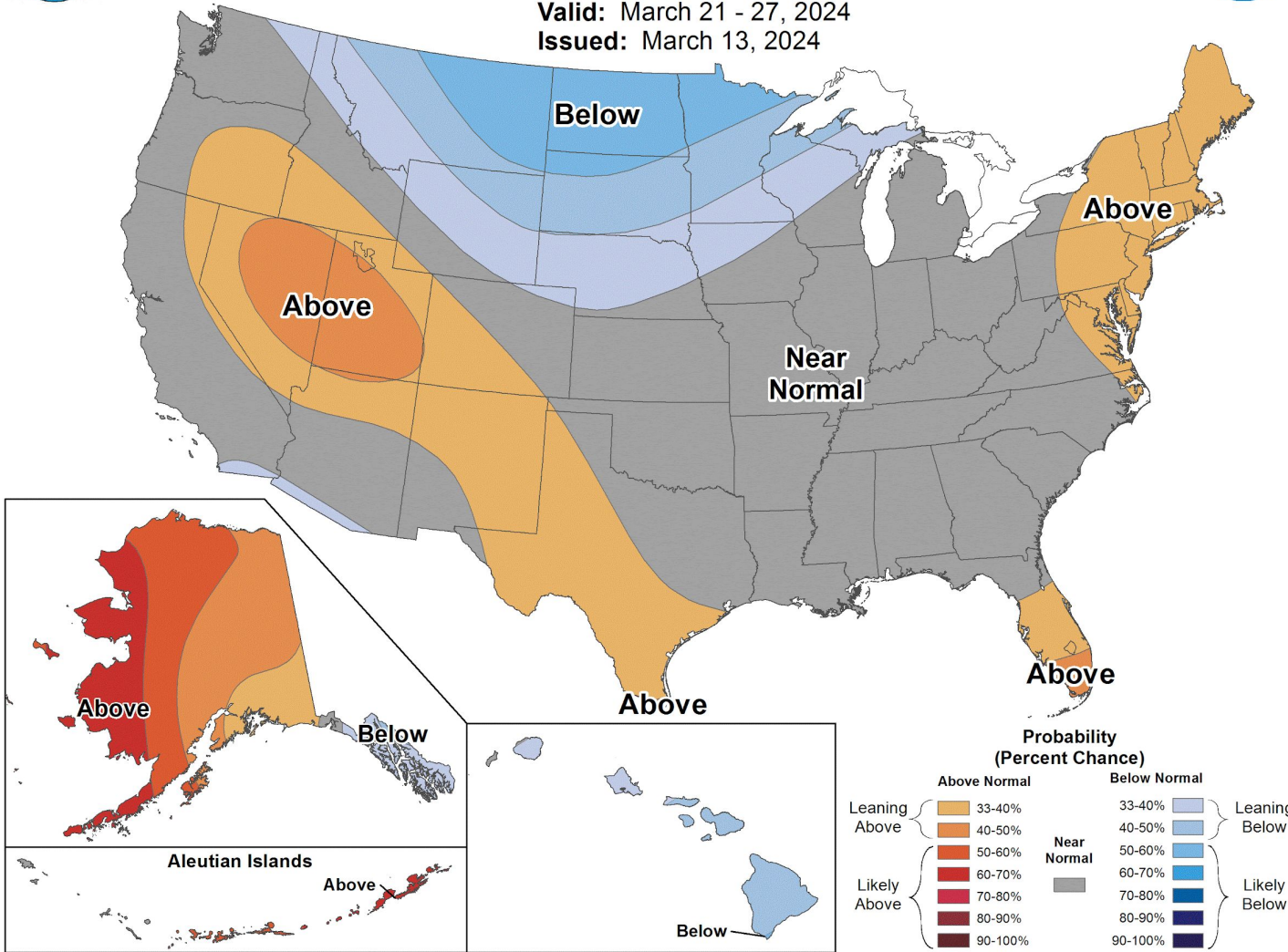
March 21 - 27, 2024



8-14 Day Temperature Outlook



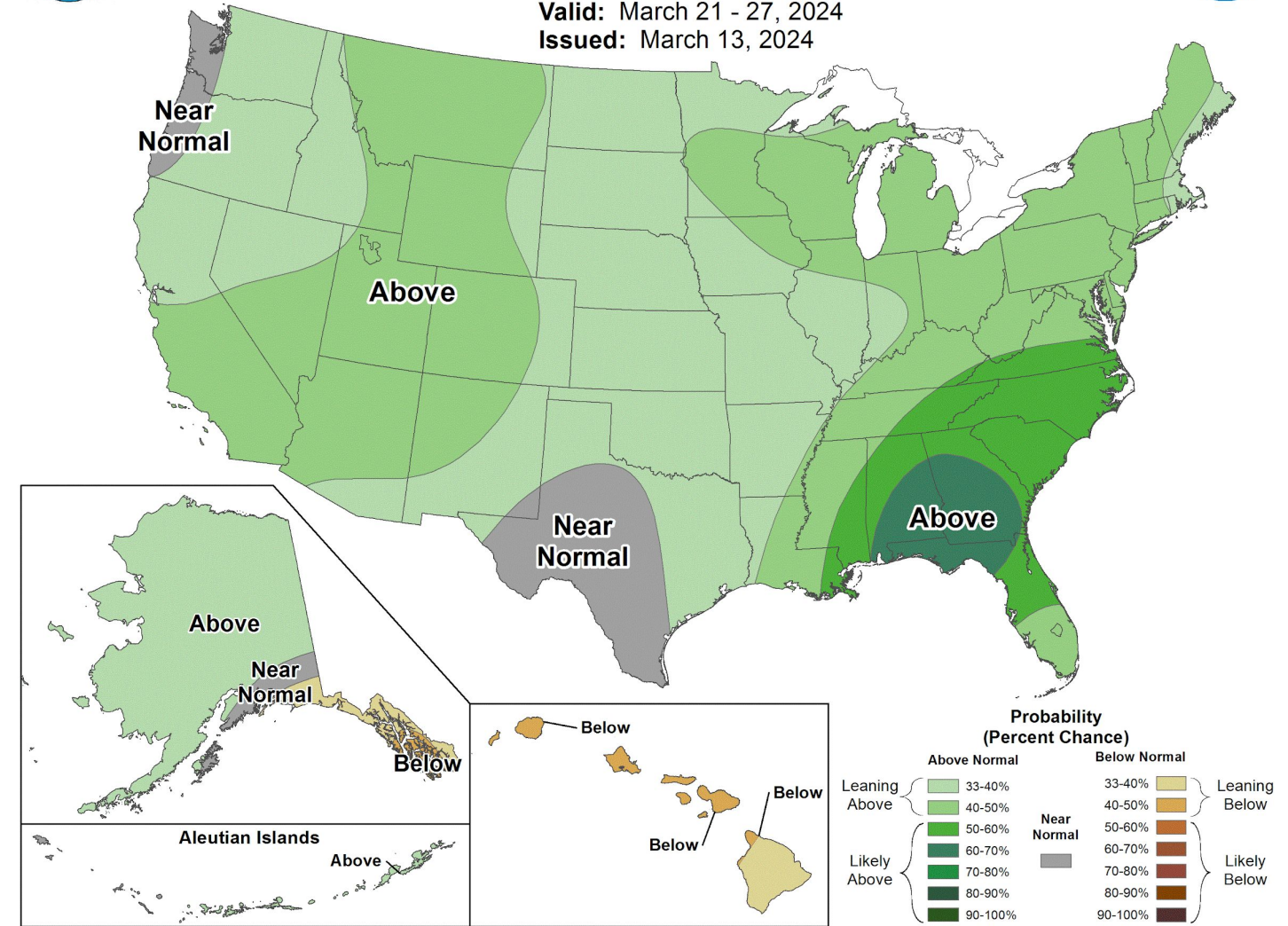
Valid: March 21 - 27, 2024
Issued: March 13, 2024



8-14 Day Precipitation Outlook



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





Three Month Outlook

March 14, 2024
1:08 PM

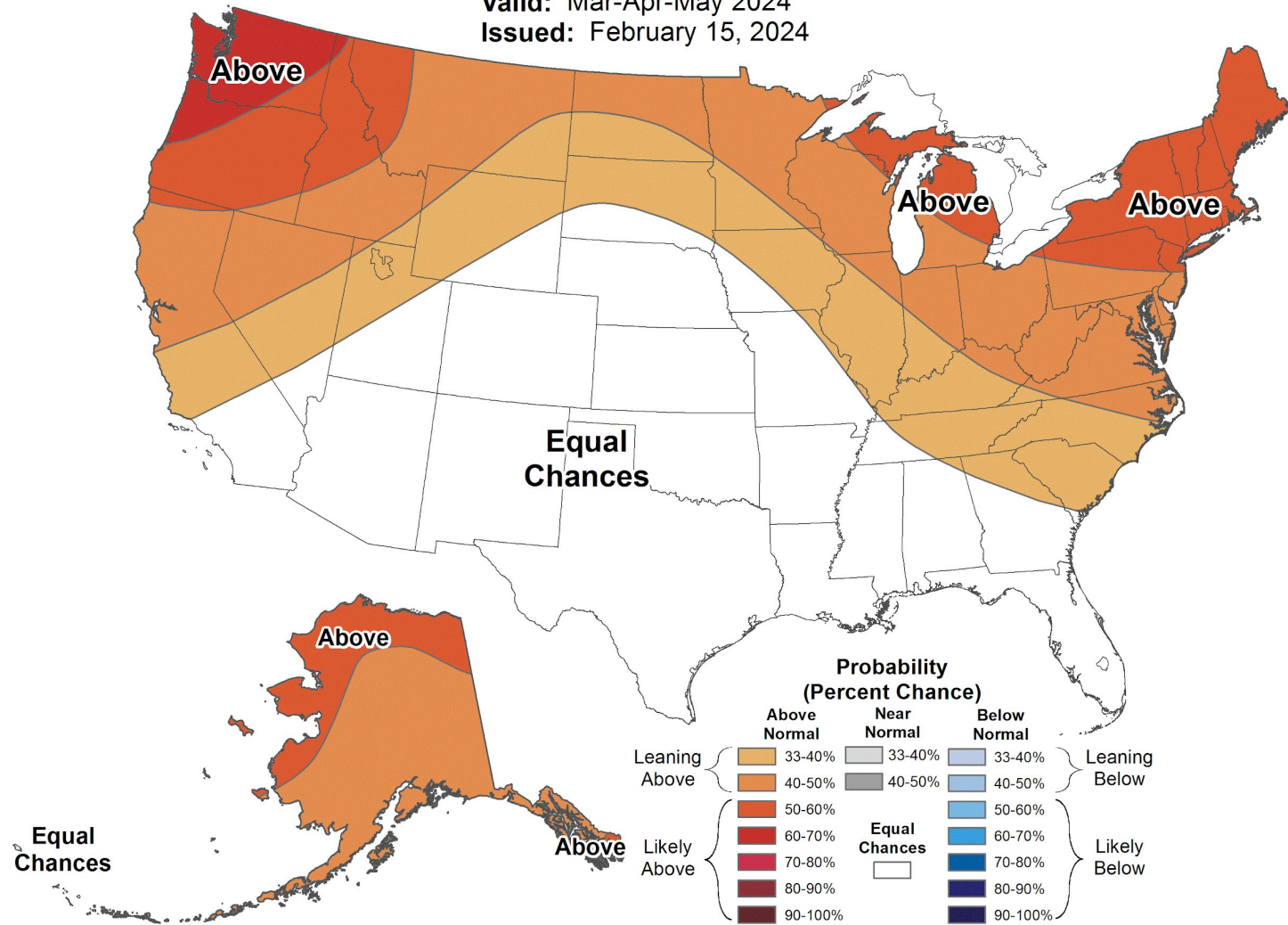
Mar-Apr-May 2024



Seasonal Temperature Outlook



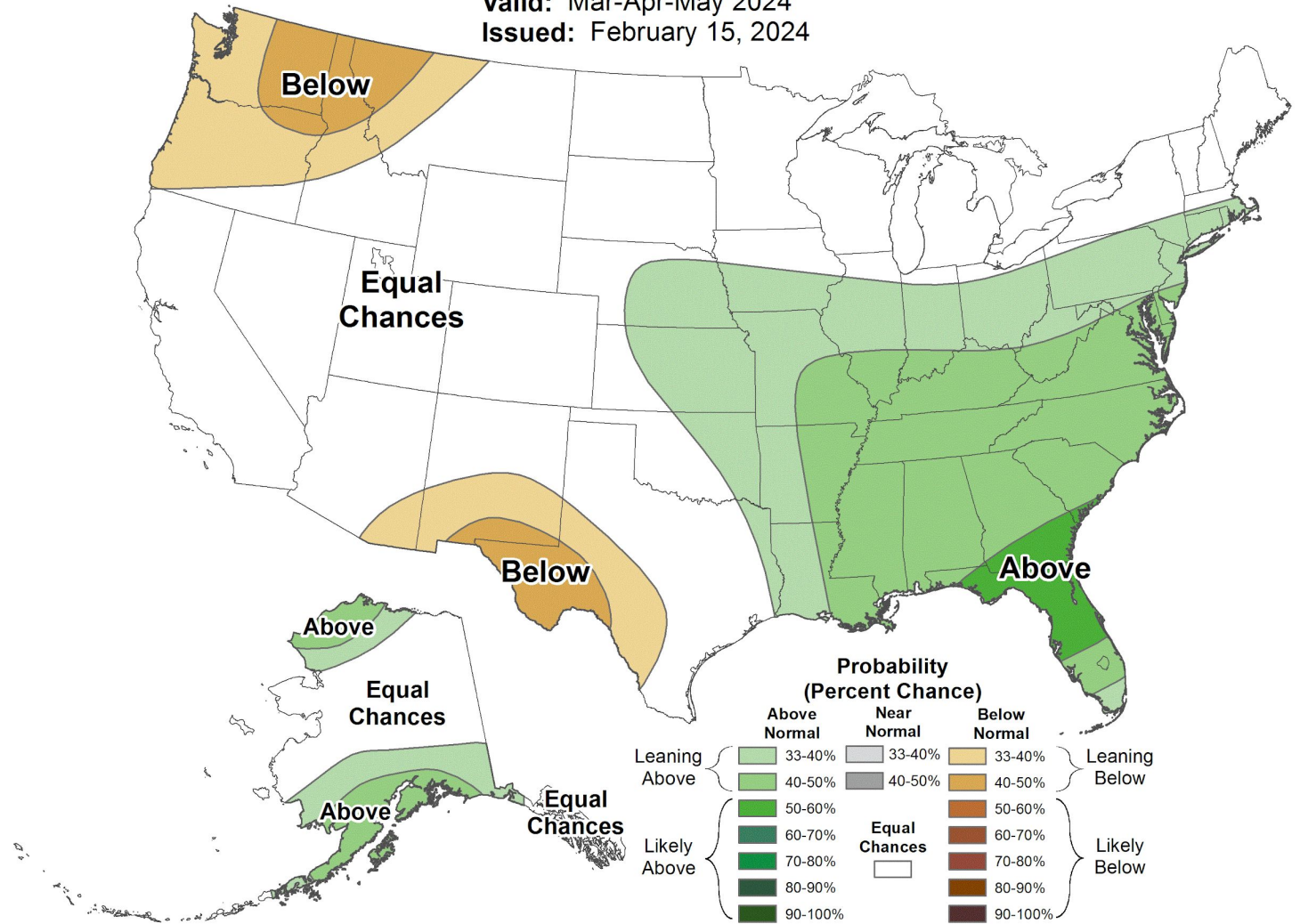
Valid: Mar-Apr-May 2024
Issued: February 15, 2024



Seasonal Precipitation Outlook



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

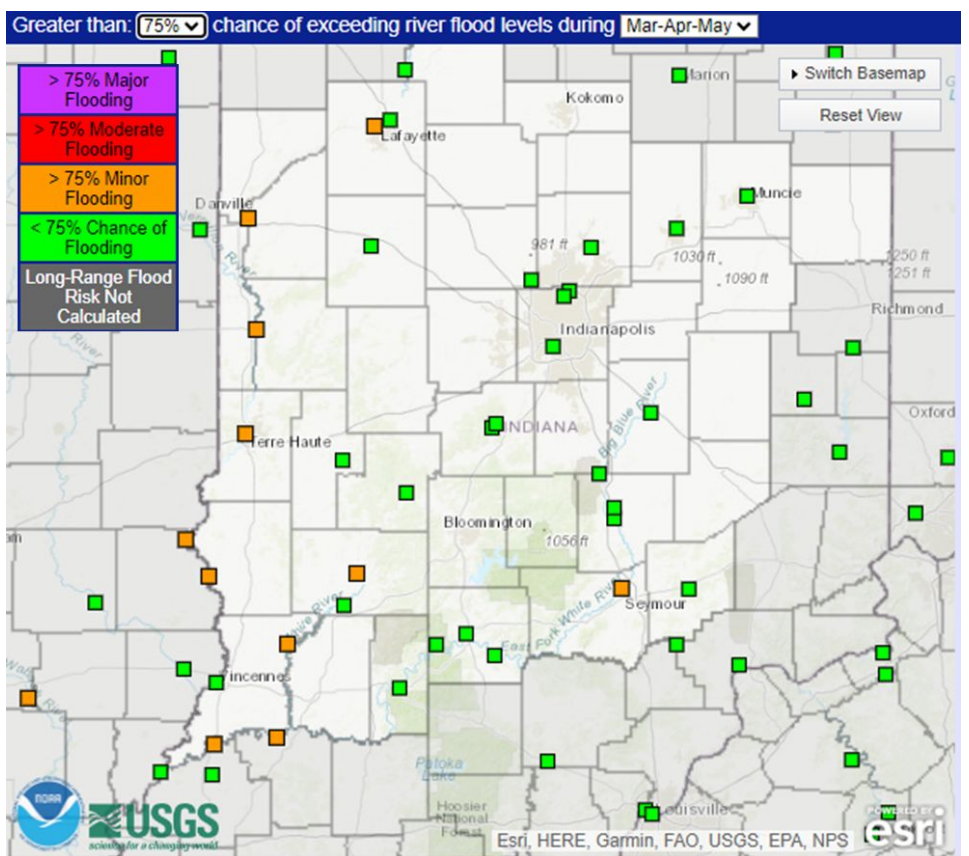




Flood Probabilities

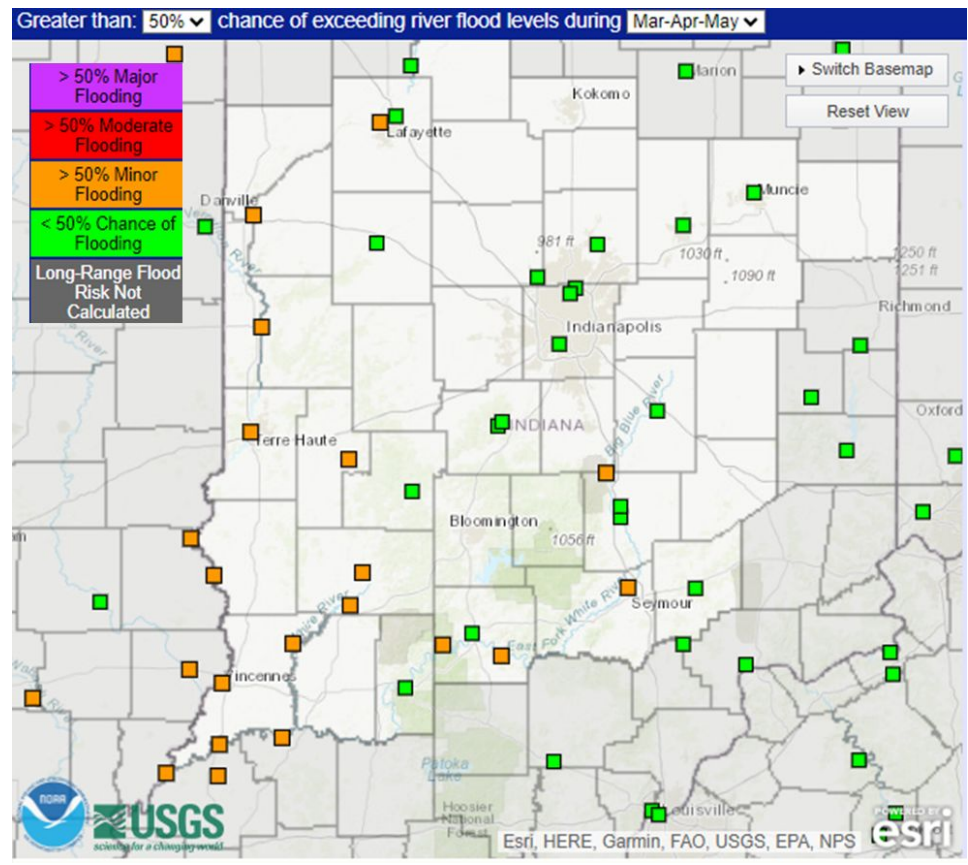
March 14, 2024
1:08 PM

Most Likely Range of Outcomes

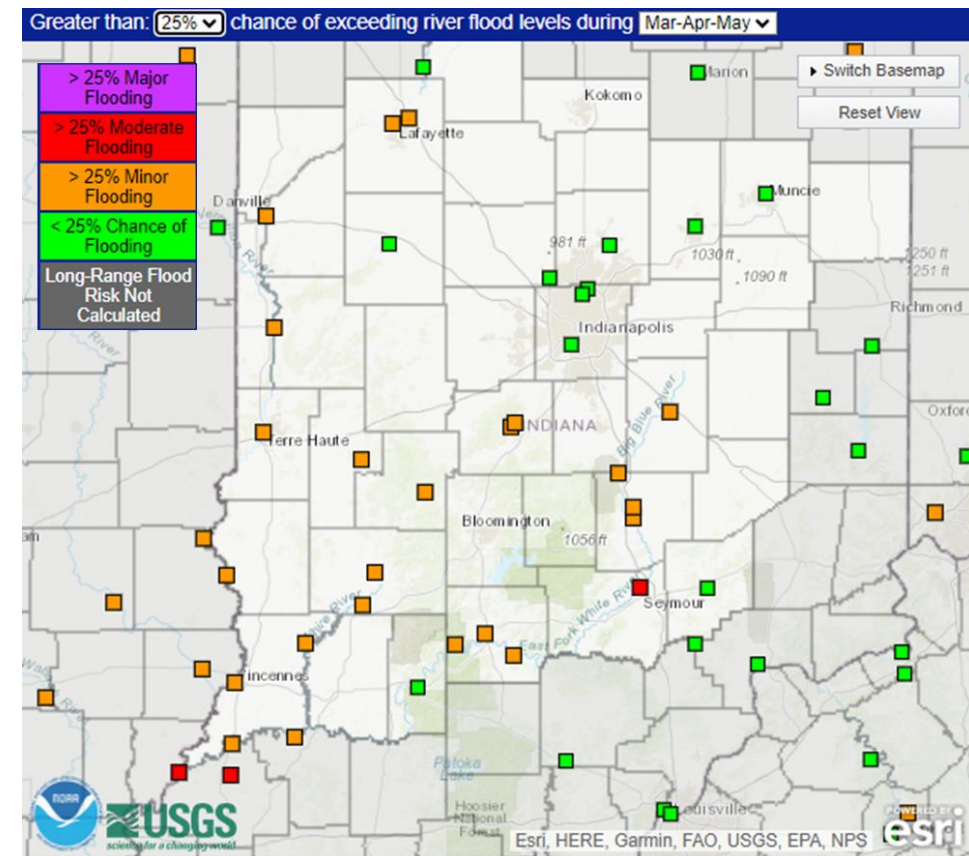


>75% Chance of Exceedance

>50% Chance of Exceedance



>25% Chance of Exceedance



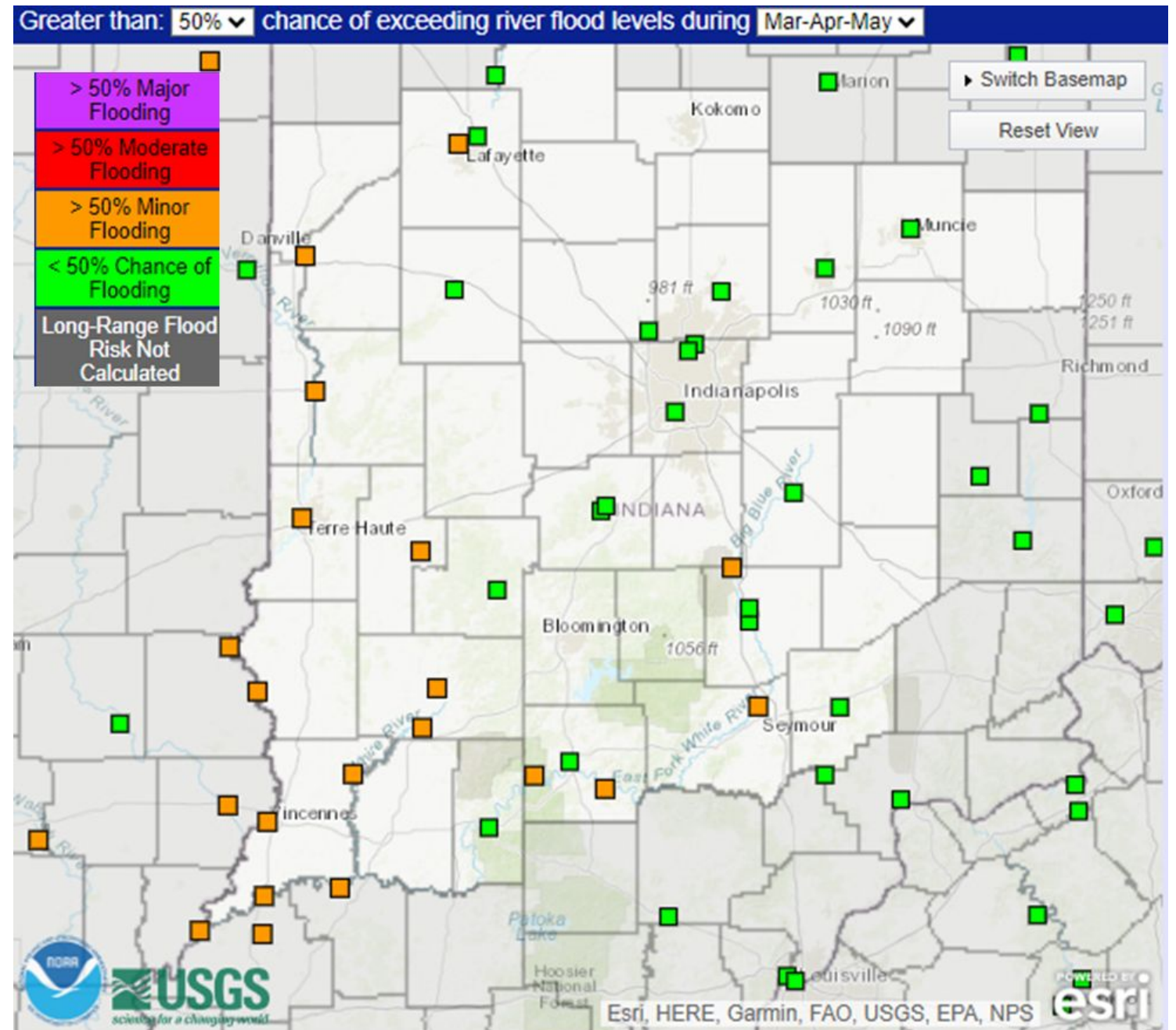


Spring Hydrologic Outlook Summary

March 14, 2024
1:08 PM

Key Messages

- Near Normal flood potential south of I-70
- Slightly Below Normal flood potential north of I-70
- Minor flooding is expected (50% chance or greater)--Wabash, lower White, East Fork White
- Isolated Moderate flooding possible (10% chance or greater)--Wabash, lower White, East Fork White
- CPC seasonal outlooks show a lean toward both above normal temperatures and above normal precipitation
- Rainfall will be the primary driver of flooding



This is the Final Scheduled Update