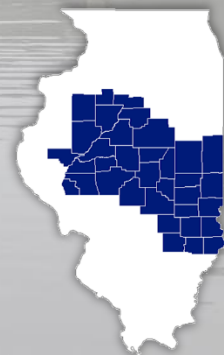




2025 Spring Flood Outlook

Central & Southeast Illinois

Issuance #3: March 13, 2025





Bottom Line Up Front

**Central & Southeast Illinois:
Near normal to below normal flood risk**

Information based on the third and final issuance of the 2025 Spring Flood Outlook - Mar 13th

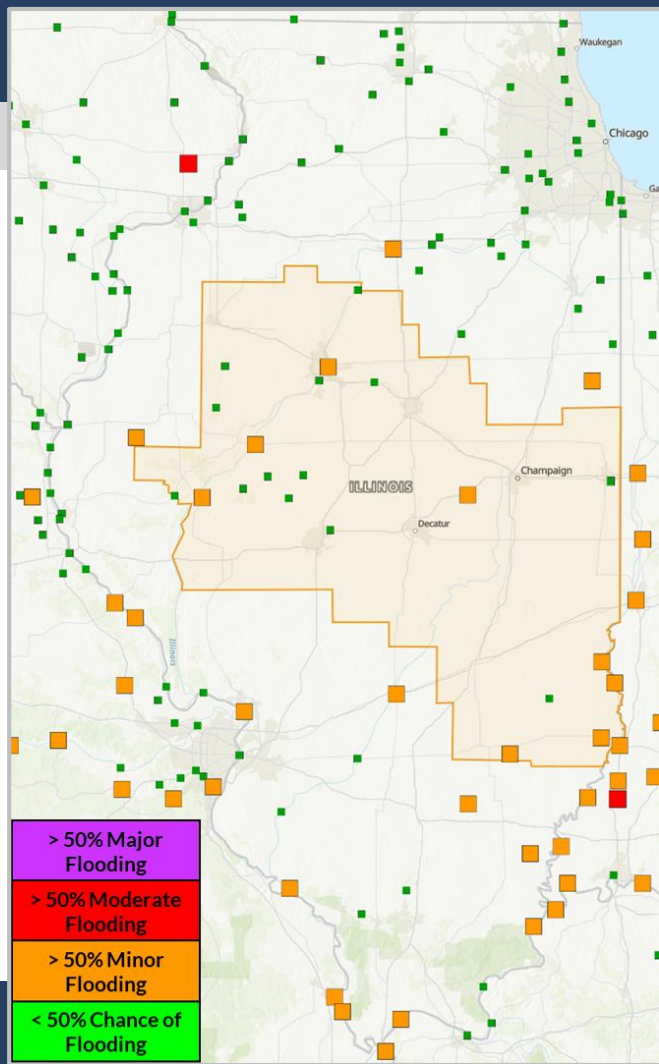




Spring Flood Outlook

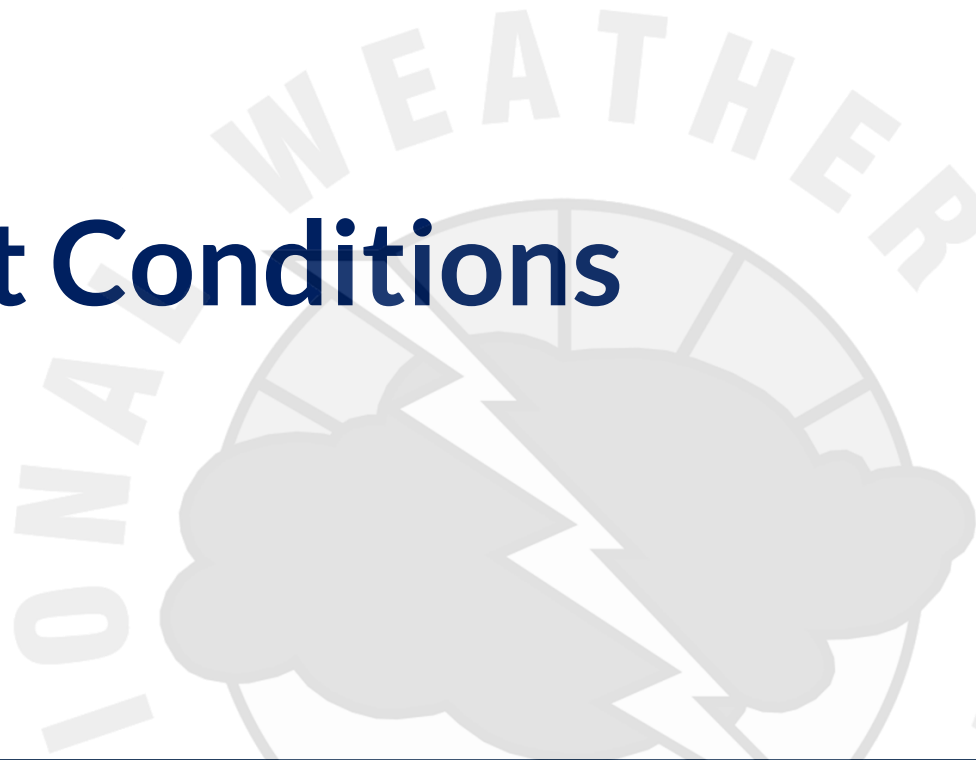
Key Messages

- Overall near normal to below normal flood risk across central and southeast Illinois.
- **50% chance or greater** - **Minor flooding** across portions of central and southeast Illinois.
- **25% chance or greater** - **Moderate flooding** possible along the lower Illinois River and portions of the Embarras River. Otherwise, more widespread **Minor flooding** across central and southeast Illinois.





Antecedent Conditions



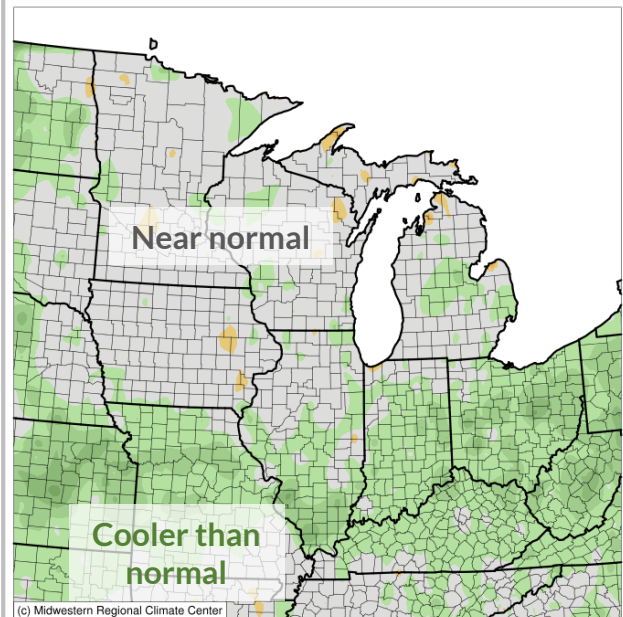


Winter Temperatures / Precipitation

December / January / February

Average Temperature (°F): Departure from 1991-2020 Normals

December 01, 2024 to February 28, 2025



(c) Midwestern Regional Climate Center



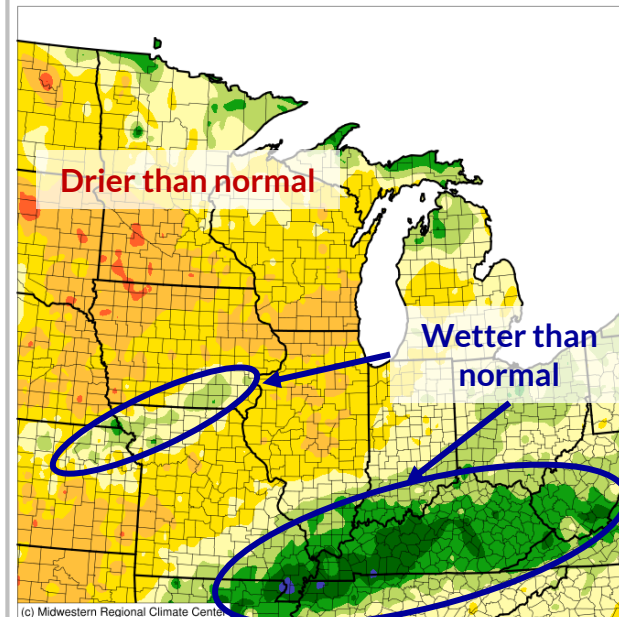
-6

-1

4

Accumulated Precipitation (in): Percent of 1991-2020 Normals

December 01, 2024 to February 28, 2025



(c) Midwestern Regional Climate Center



2

5

10

25

50

75

100

125

150

175

200

300

400

500

750



MRCC
Midwestern Regional Climate Center

<https://mrcc.purdue.edu/>



NATIONAL WEATHER SERVICE
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• Lincoln, Illinois

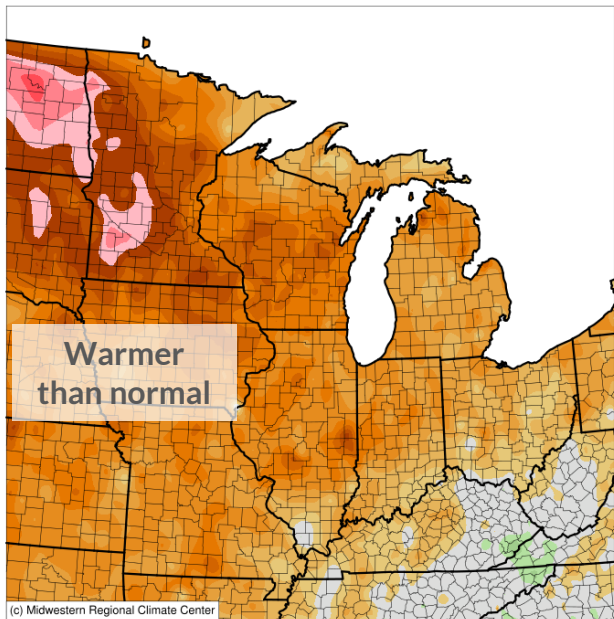


March Temperatures / Precipitation

March 1-12

Average Temperature (°F): Departure from 1991-2020 Normals

March 01, 2025 to March 12, 2025



(c) Midwestern Regional Climate Center



-3

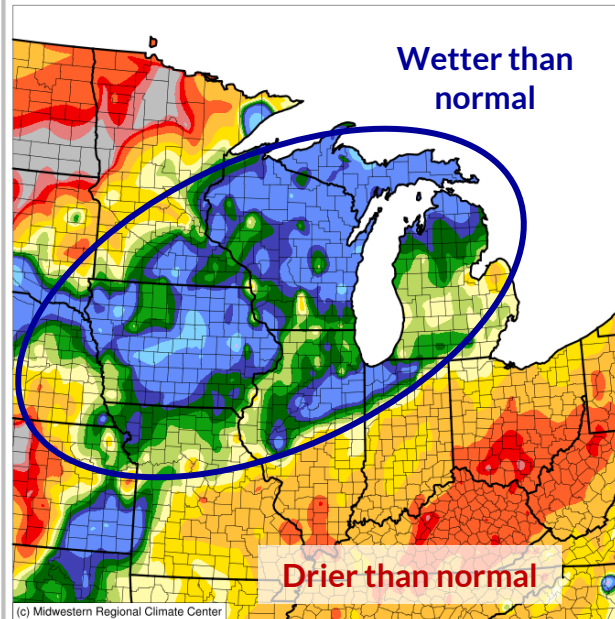
2

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12

Accumulated Precipitation (in): Percent of 1991-2020 Normals

March 01, 2025 to March 12, 2025



(c) Midwestern Regional Climate Center



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MRCC
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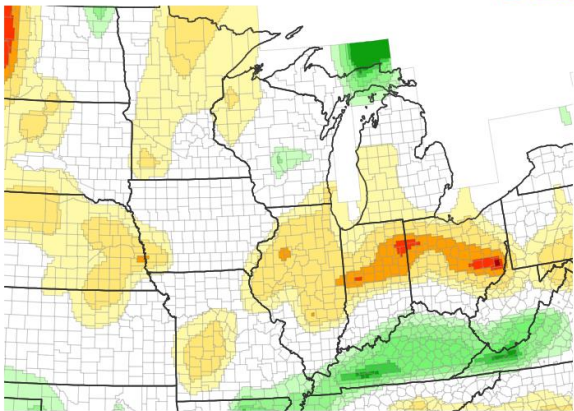
NATIONAL WEATHER SERVICE
OCEANIC AND ATMOSPHERIC ADMINISTRATION

• Lincoln, Illinois

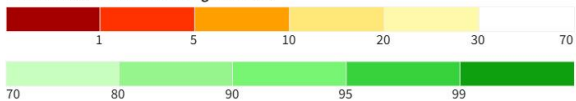


Soil Moisture

CPC Leaky Bucket Daily Soil Moisture Percentiles (1.6m)



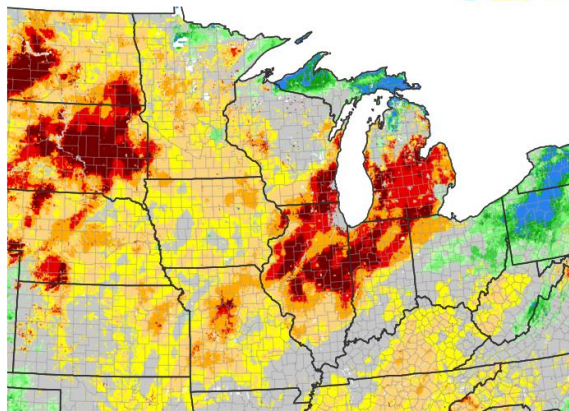
Calculated Soil Moisture Ranking Percentile



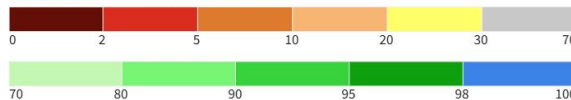
Source(s): Climate Prediction Center
Valid on: 03/11/25

Drought.gov

0-100 cm Soil Moisture Percentile



0-100 cm Soil Moisture Percentile



Source(s): NASA
Data Valid: 03/12/25

Drought.gov

Soil Moisture Percentiles

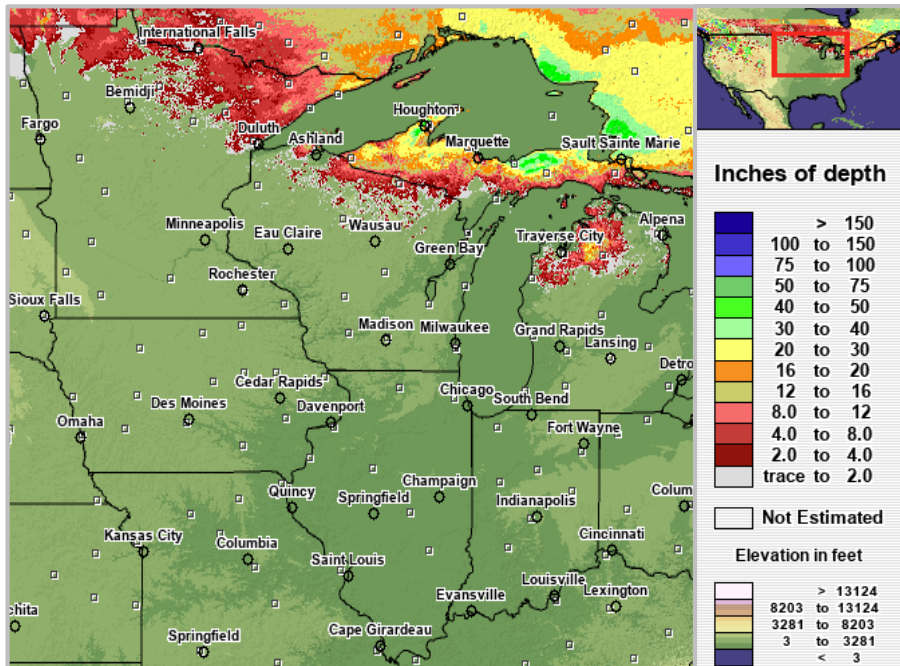
- Soils are drier than normal across northern three-quarters of Illinois...trending toward near normal across the south



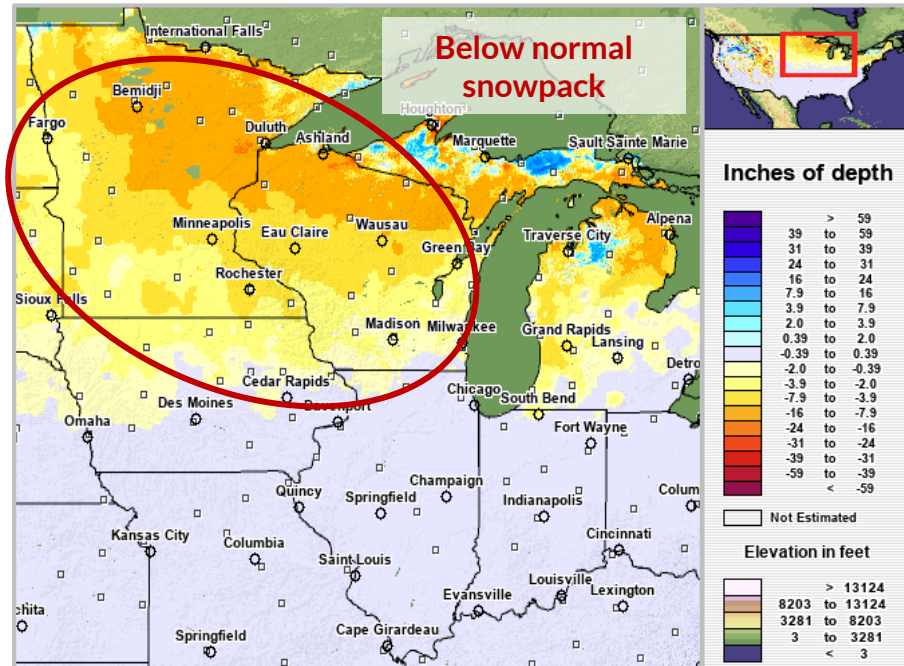
Snowpack

As of March 13, 2025

Snow Depth

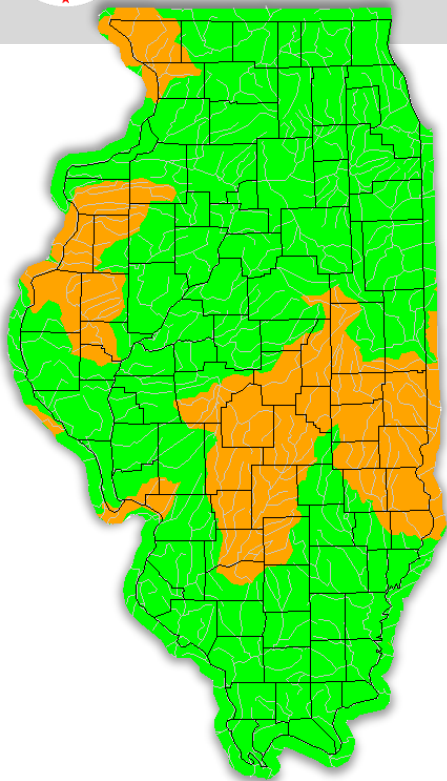


Snow Depth - Departure from Normal





Streamflow and Drought Conditions

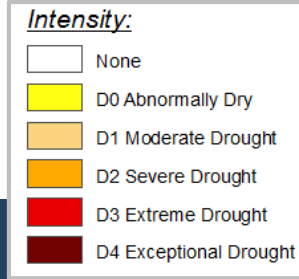
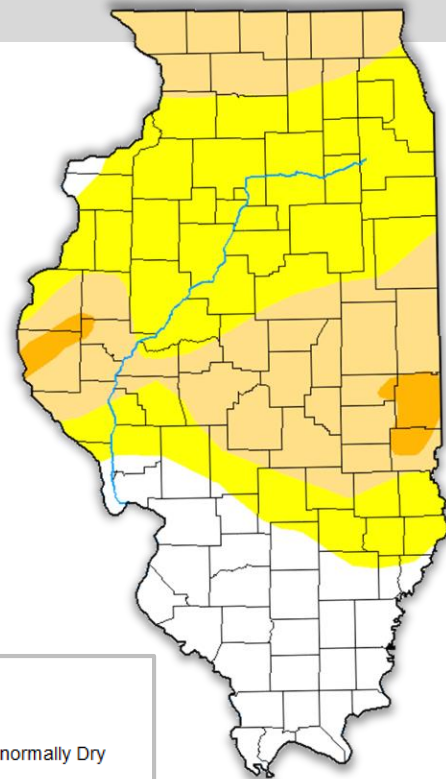


Streamflow Conditions

- Normal to below normal across central and southeast Illinois
- Overall near normal across the remainder of the state

Drought Conditions

- 42% in D0 (Abnormally Dry)
- 32% in D1 (Moderate Drought)
- Almost 3% in D2 (Severe Drought)



Explanation - Percentile classes							
●	●	●	●	●	●	●	○
Low	<10	10-24	25-75	76-90	>90	High	Not-ranked
	Much below normal	Below normal	Normal	Above normal	Much above normal		



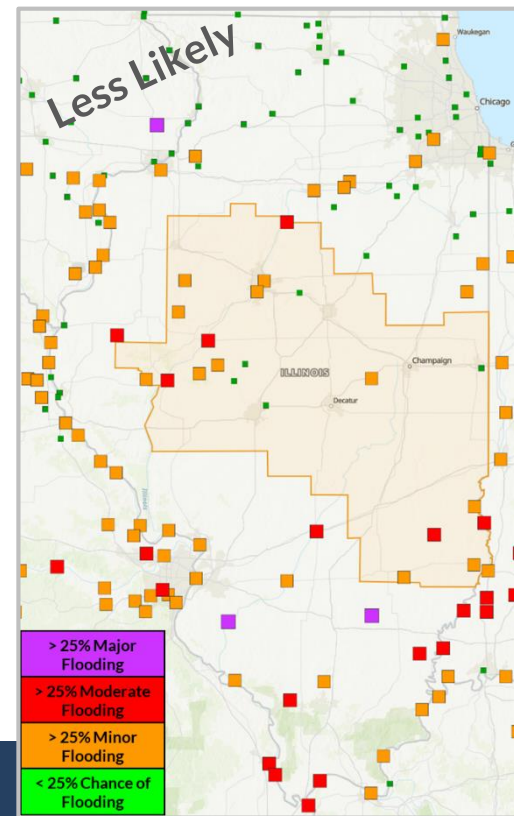
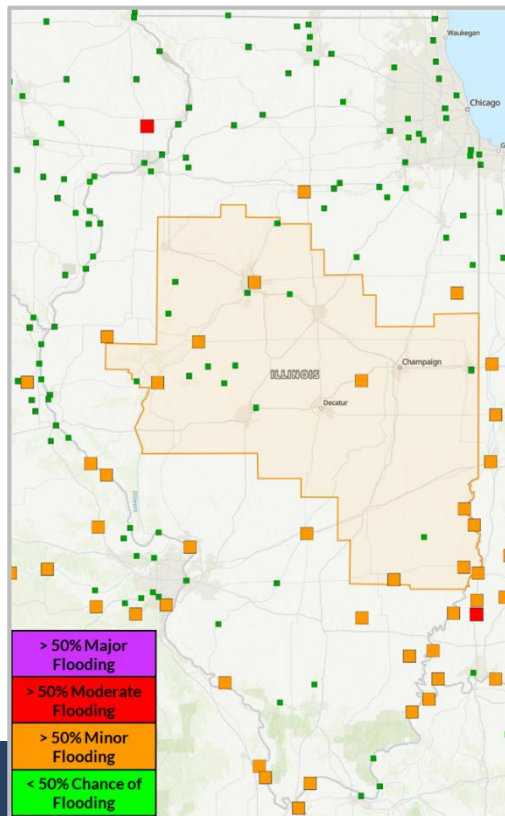
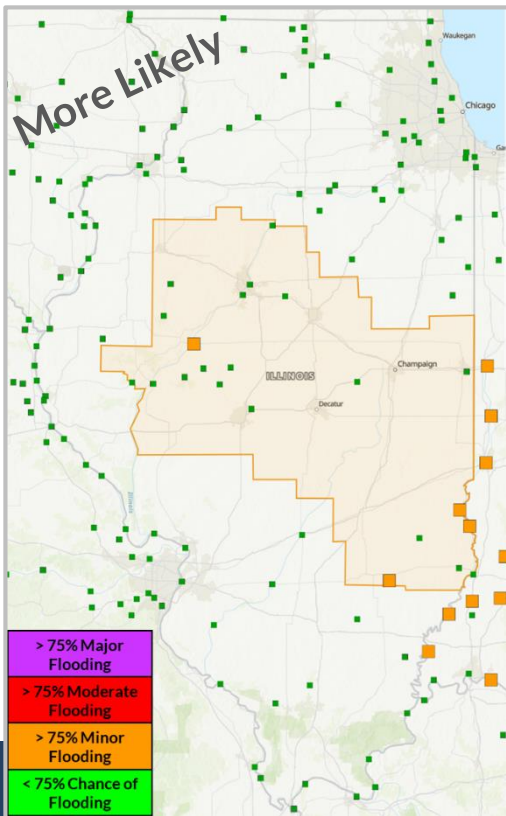
Flood Probabilities

Range of possibilities through mid June

> 75% Chance of Exceedance

> 50% Chance of Exceedance

> 25% Chance of Exceedance





Temperature / Precipitation Outlooks

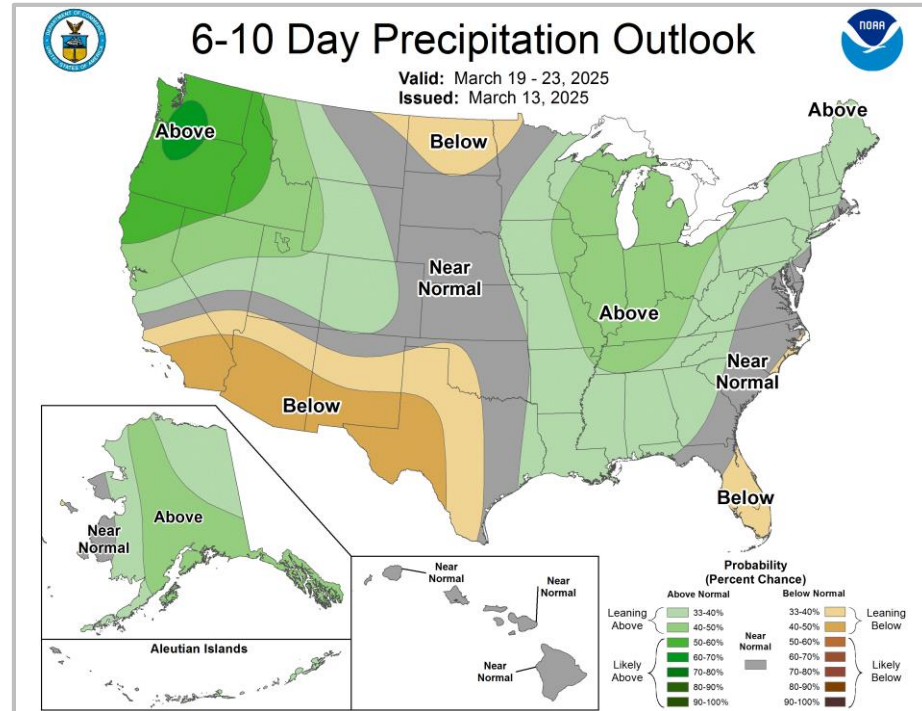
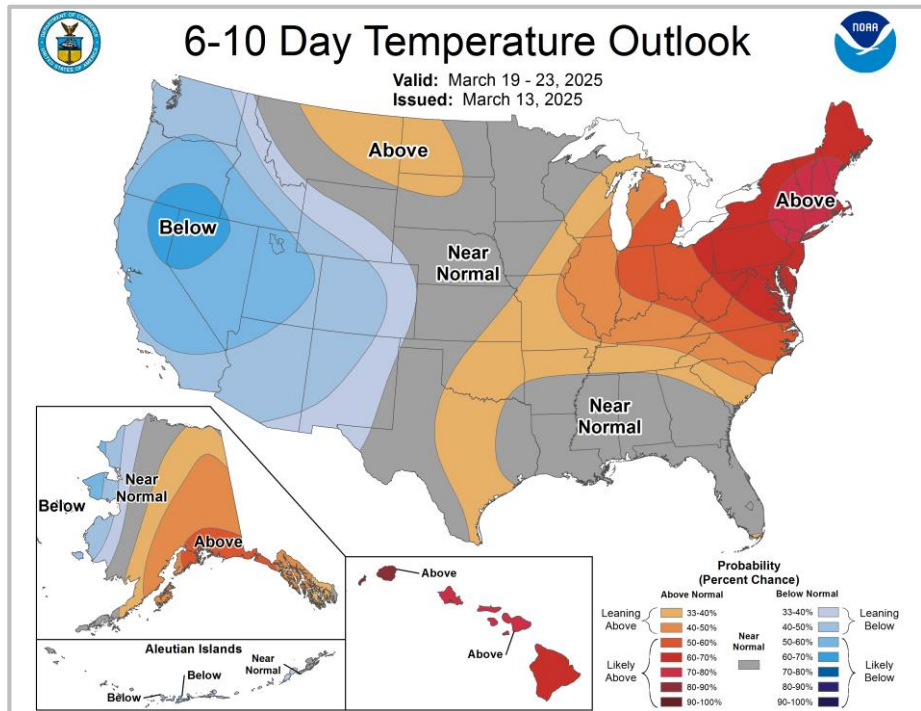




6-10 Day Outlook

Valid: Mar 19 - 23

<https://www.cpc.ncep.noaa.gov/>

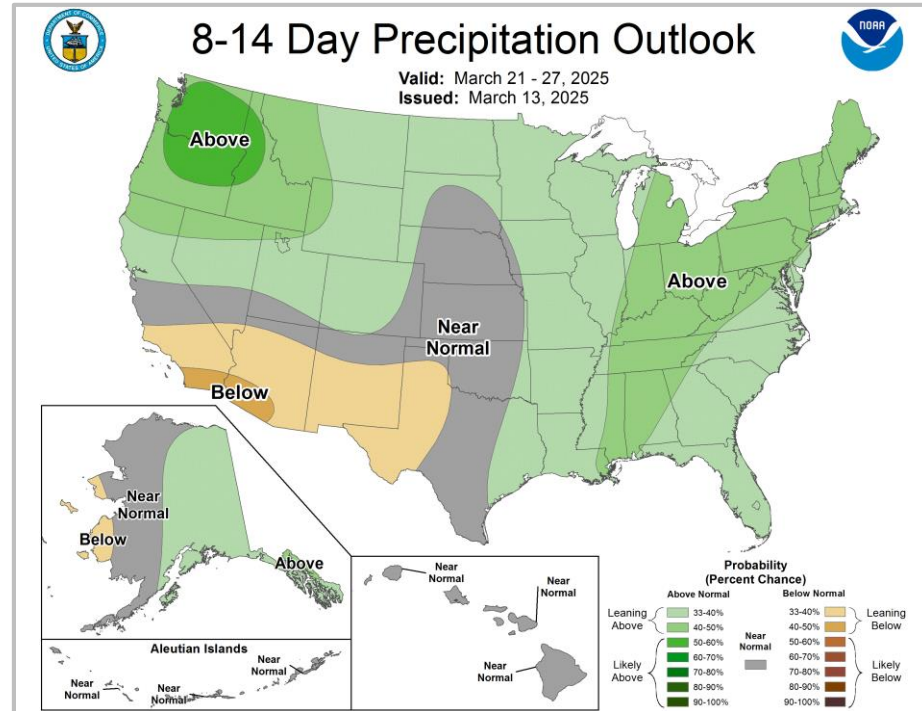
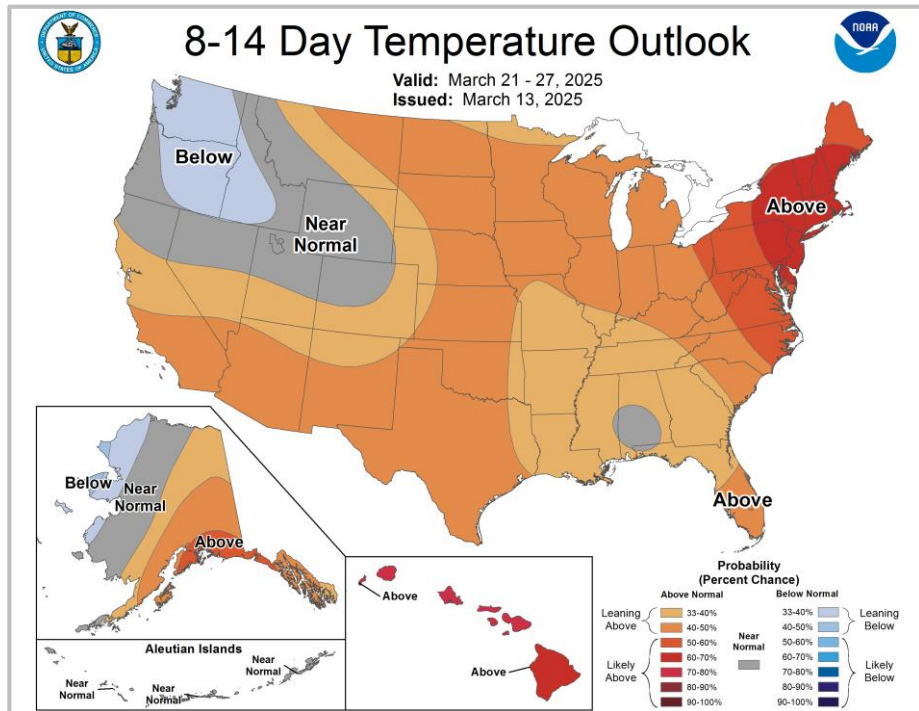




8-14 Day Outlook

Valid: Mar 21 - 27

<https://www.cpc.ncep.noaa.gov/>

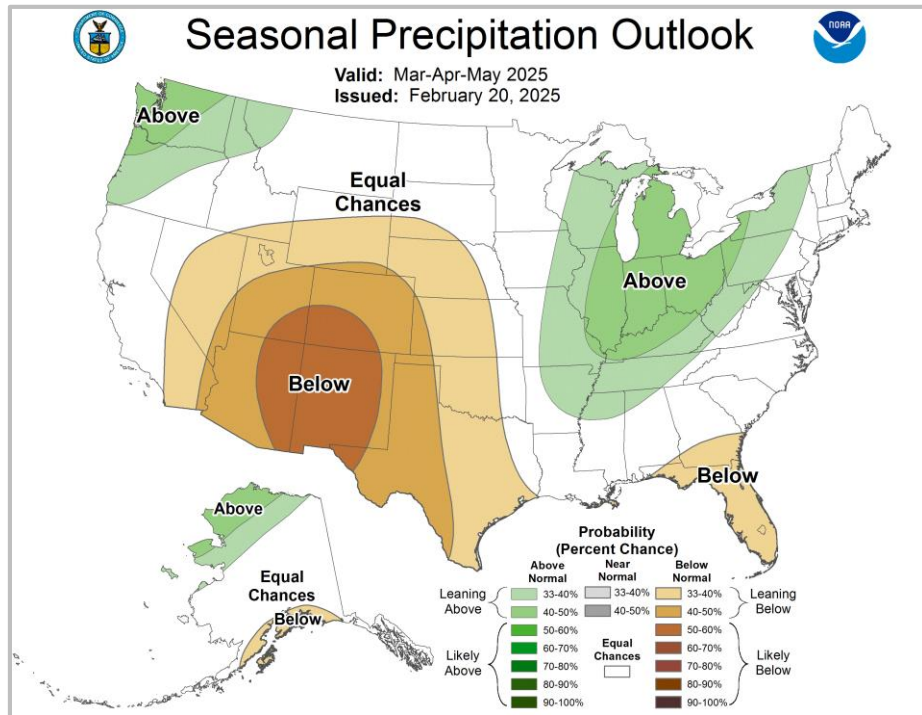
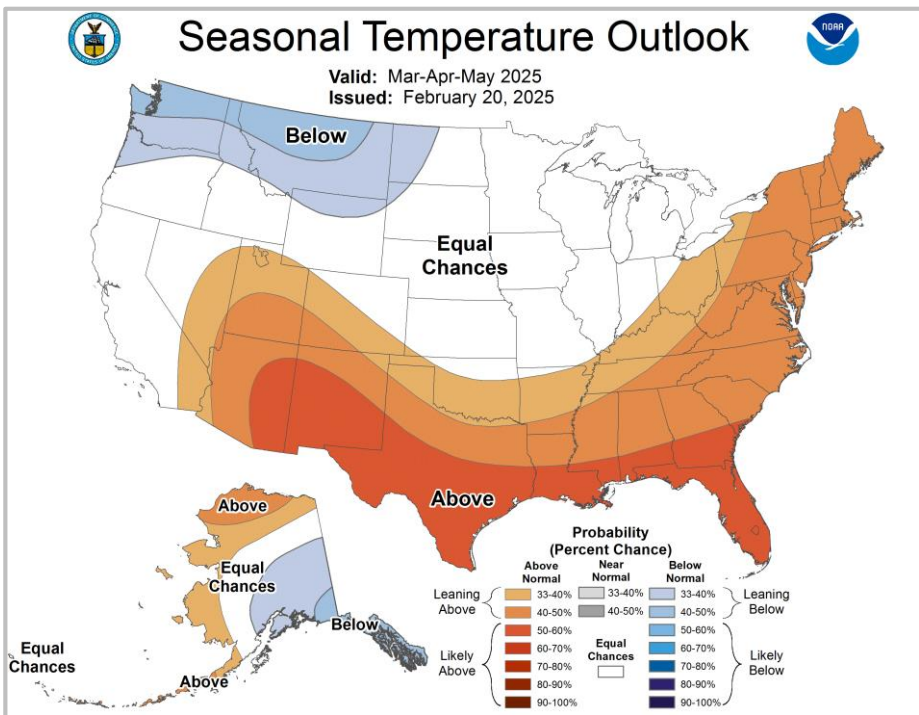




Seasonal Outlook

Valid: Mar / Apr / May

<https://www.cpc.ncep.noaa.gov/>





Spring Flood Outlook

Flood Outlook - Summary

- Near normal to below normal flood risk across central Illinois and southeast Illinois
- Antecedent conditions not a contributor to flood potential this spring
- Springtime rains will be the primary driver of flooding
 - A very wet spring could cause more widespread flooding
 - Minor to isolated moderate flooding most likely
- NOAA National Spring Flood Outlook issuance: Thursday, Mar 20th

