

Today's Thunderstorm Threat

May 2, 2025
6:21 AM

Today, May 2nd, 2025

Overview:

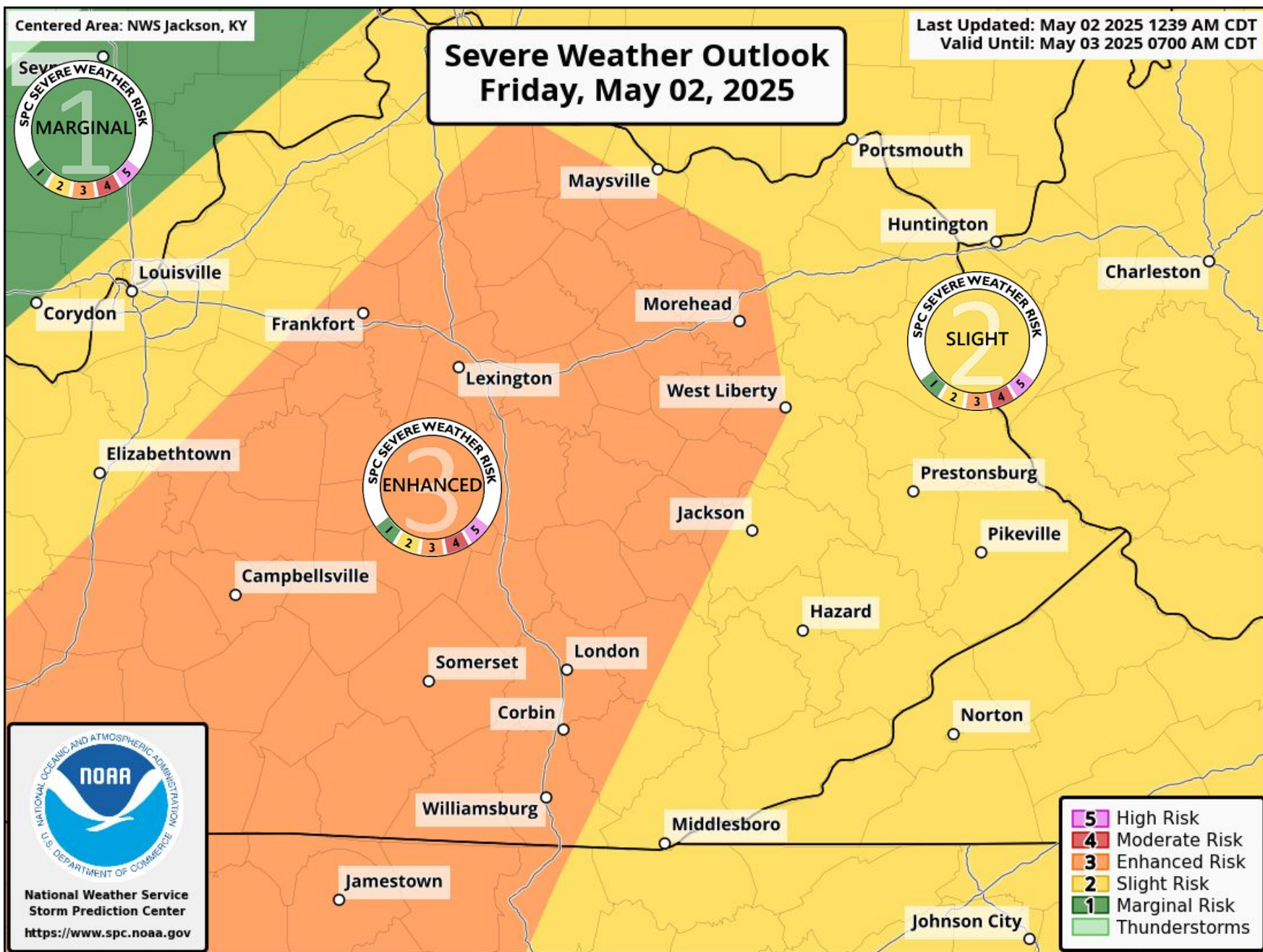
- Showers and storms should affect east KY, mainly during the afternoon and evening.
- An **Enhanced Risk** (Level 3/5) for severe weather exists near and west of a line from Williamsburg to Jackson to West Liberty to Morehead.
- A **Slight Risk** (Level 2/5) for severe weather exists for the remainder of eastern KY.
- **Strong to damaging wind gusts are the primary concern**, though a couple instances of large hail are also possible.
- A brief spin up tornado can't be ruled out.
- The severe threat will be greatest wherever storms are able to organize into clusters with embedded bowing segments.

Forecast Confidence:

Low

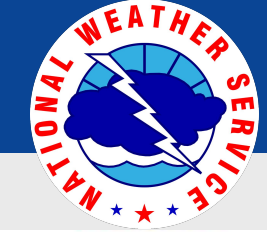
Medium

High



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

National Weather Service
Jackson, KY

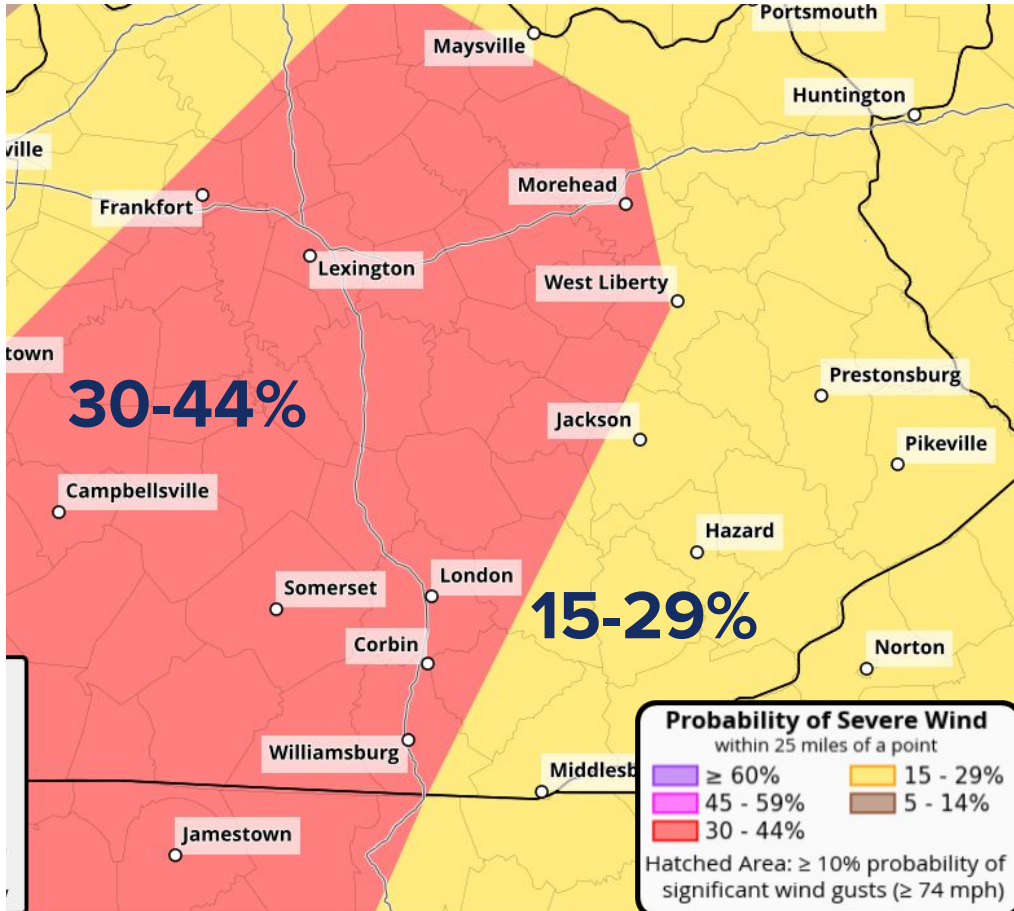


Today's Severe Hazard Potential

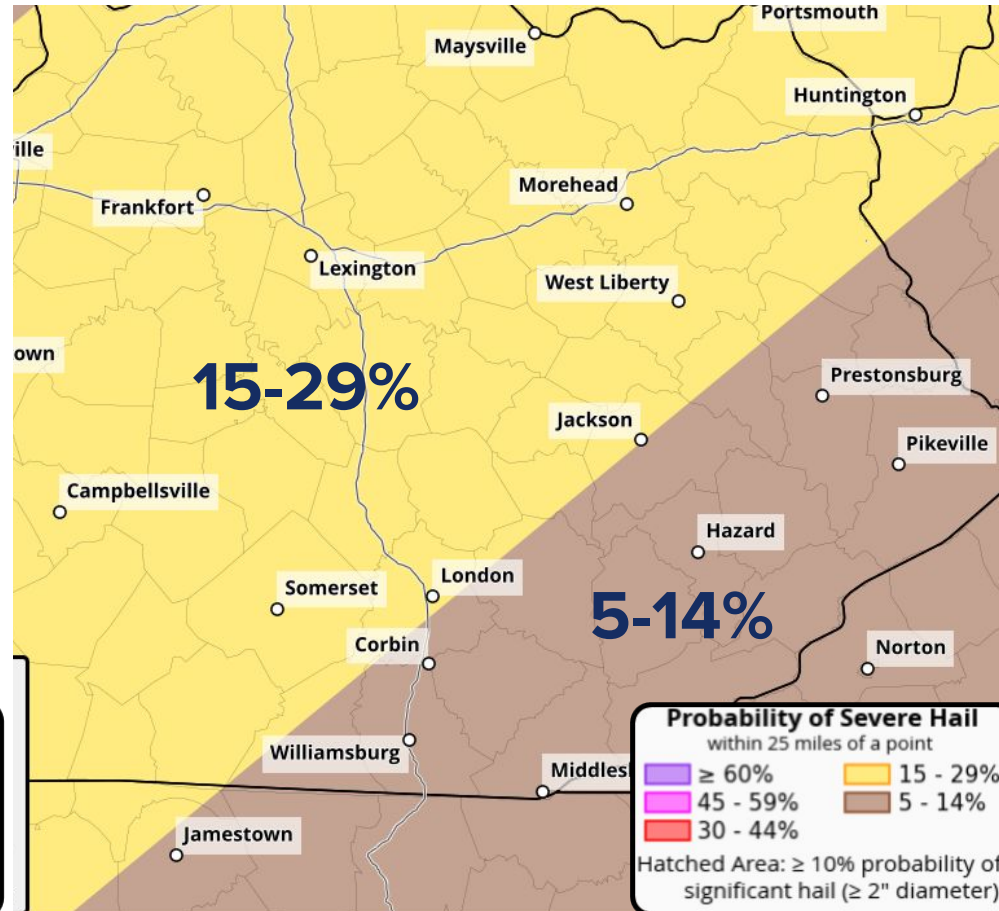
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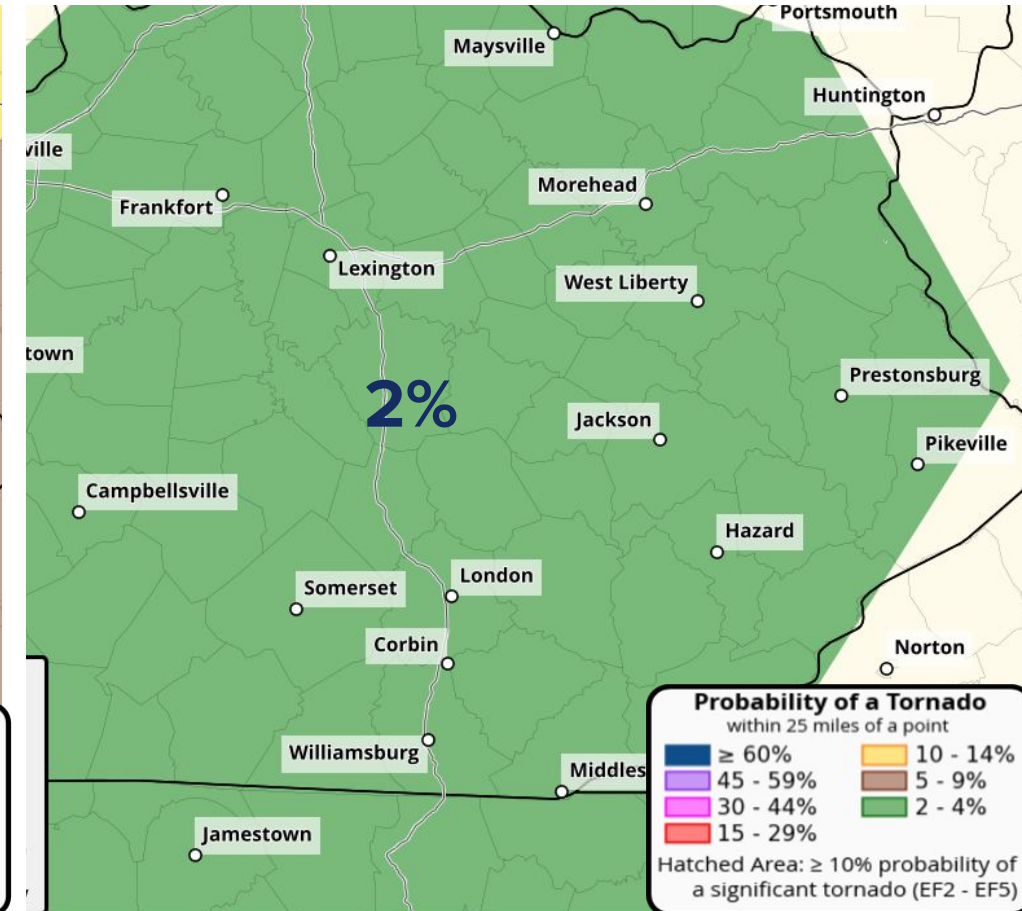
Damaging Wind Probability



Severe Hail Probability

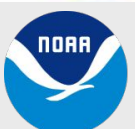


Tornado Probability



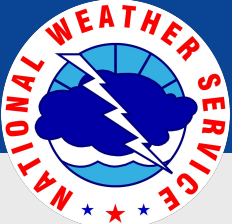
Key Messages:

- Damaging winds are the more likely hazard type, especially within any bowing segments.
- Hail up to quarter size is also possible, mostly west of Interstate 75.



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Jackson, KY



Saturday's Thunderstorm Threat

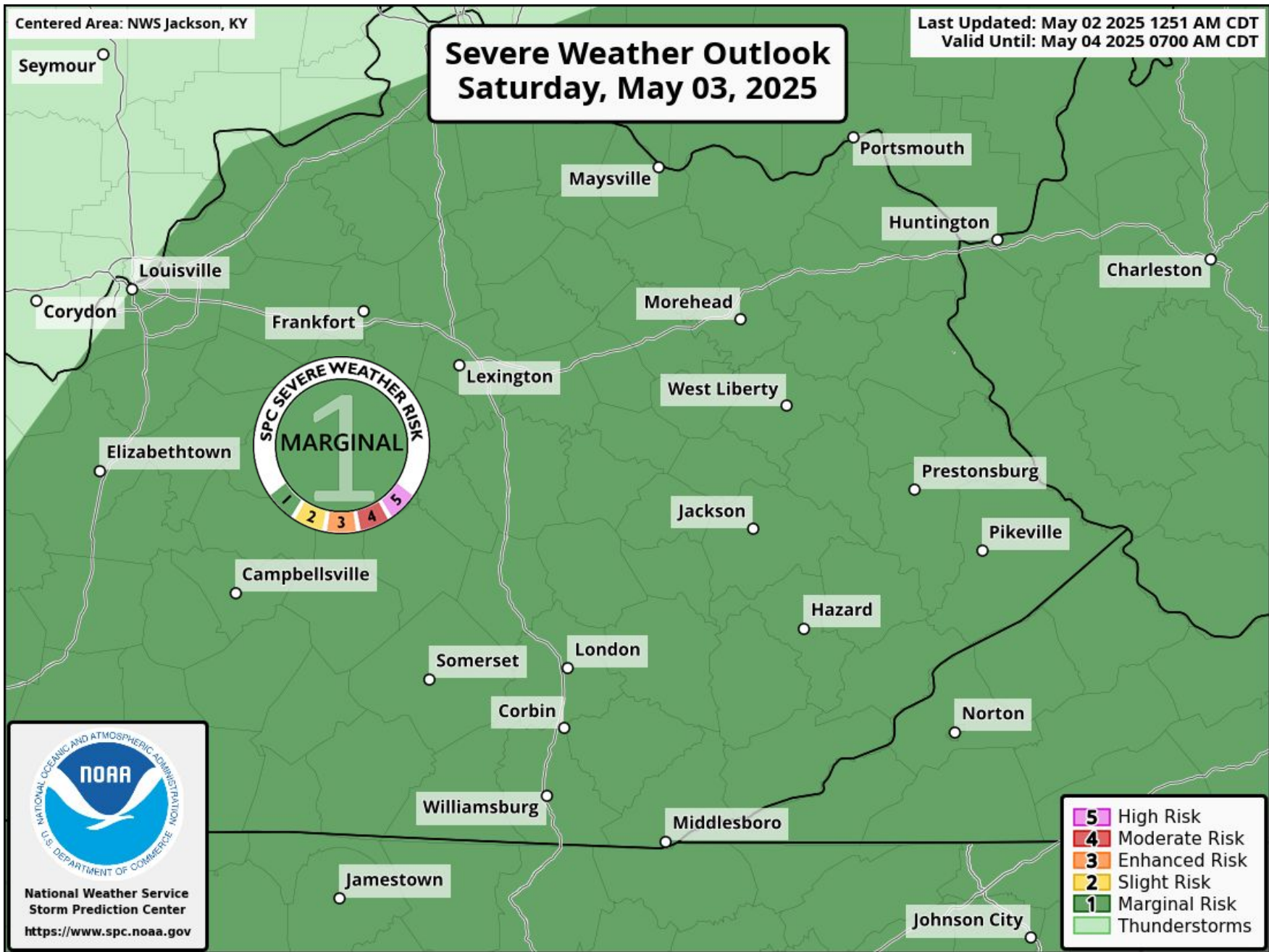
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Saturday, May 3rd, 2025

Overview:

- Greater amounts of clouds will lead to cooler temperatures on Saturday, which will reduce the amount of instability.
- However, increasing amounts of wind shear from a low pressure system tracking into the OH Valley could still allow for some thunderstorms to develop.
- *A few of these storms could produce damaging wind gusts.*
 - The **Marginal Risk** (Level 1/5) for severe weather remains for all of eastern Kentucky on Saturday.
- Any thunderstorm that develops on Saturday may produce heavy rainfall rates.

Forecast Confidence:

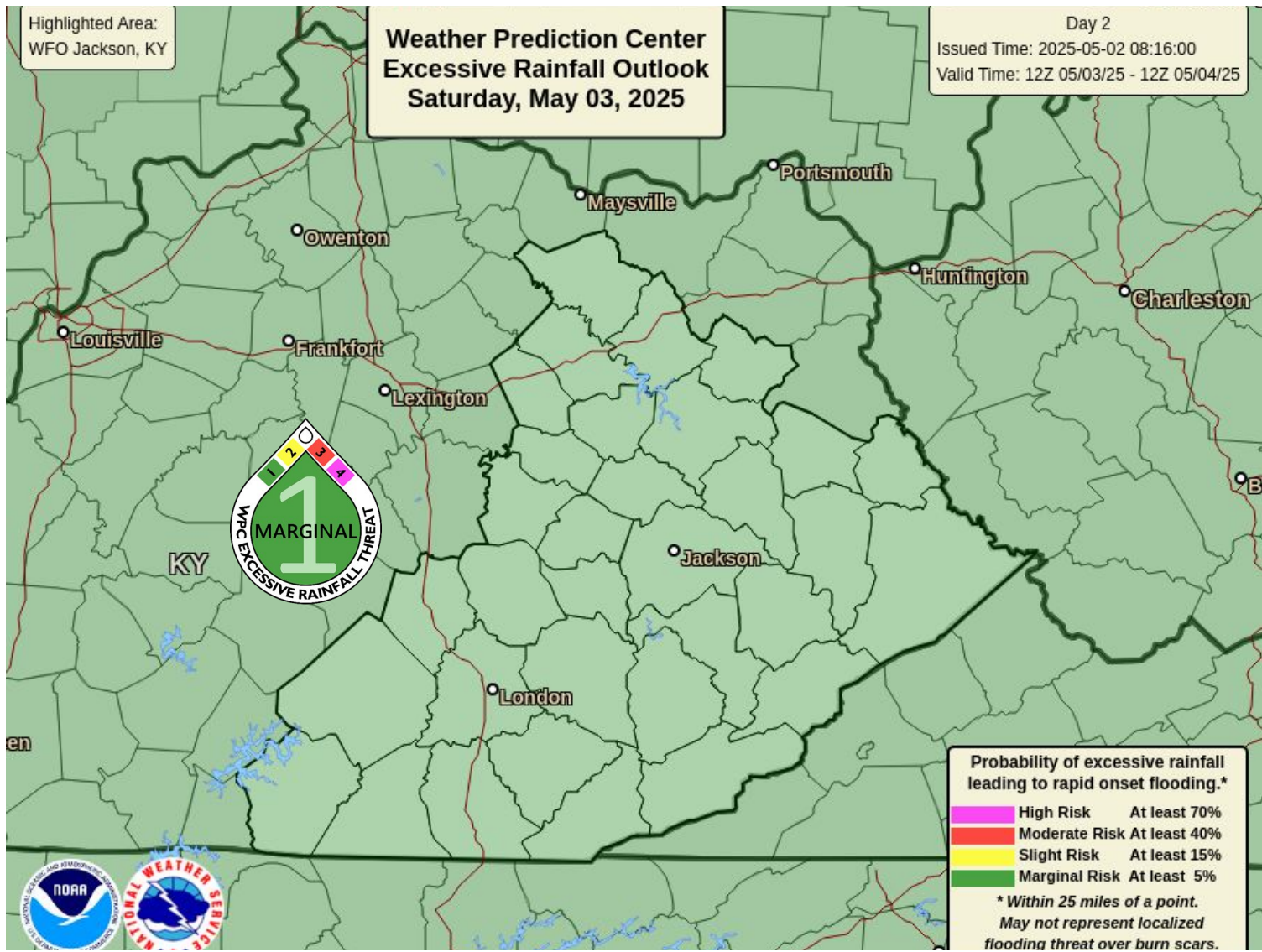
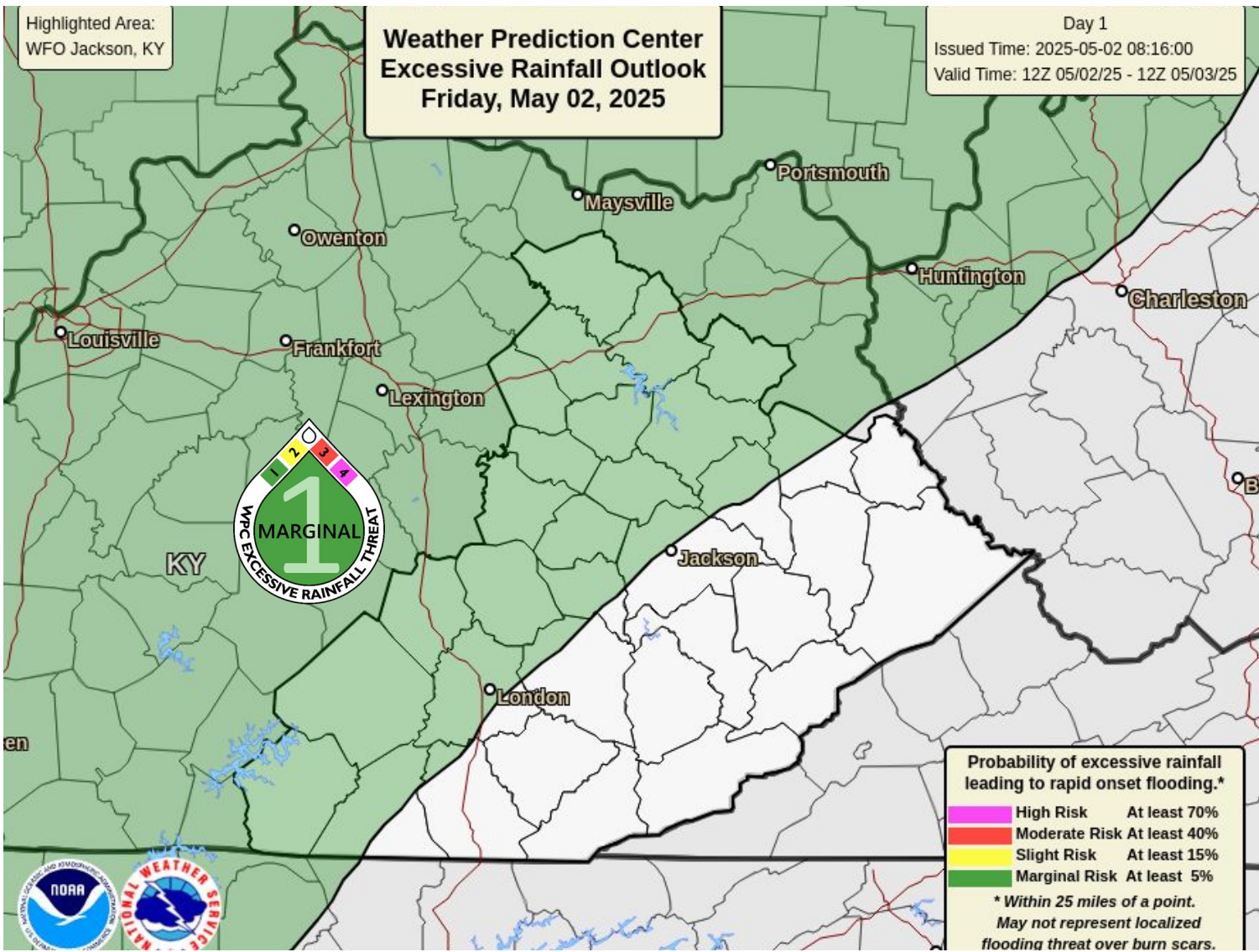




Heavy Rain Threat Continues

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Today, May 2nd and Saturday, May 3rd



Hazards

Repeated rounds of showers and storms are forecast, and additional heavy rain may lead to localized instances of urban and small stream flooding. Widespread, significant rises on larger rivers are still NOT expected.



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