



Potential for Severe Weather Wednesday

May 7, 2024
6:09 AM

Key Messages

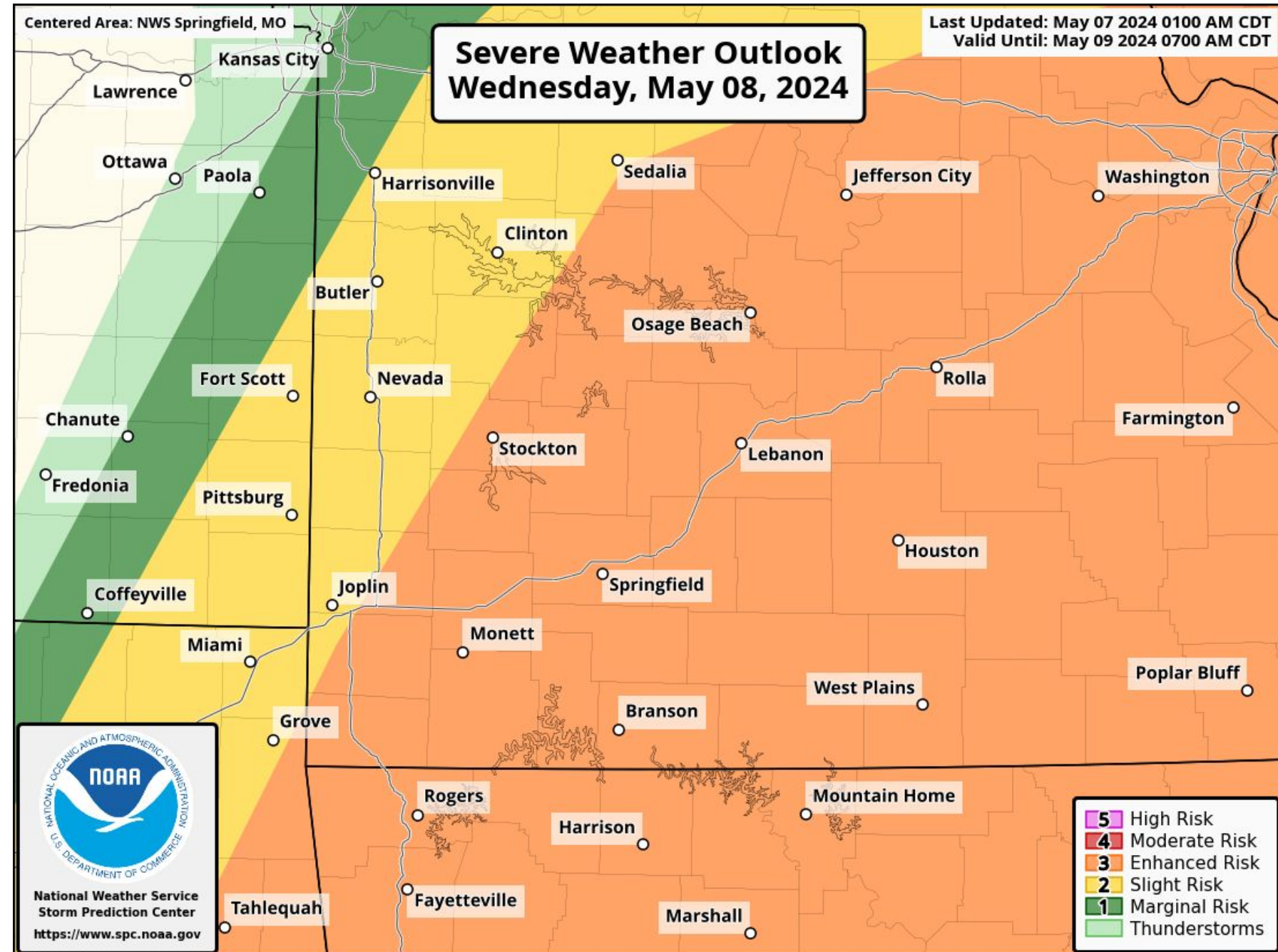
- Enhanced Risk (3 out of 5) for severe thunderstorms Wednesday.
- Hazards are very large hail, damaging winds up to 70 mph, and tornadoes.
- Low risk for localized heavy rainfall and flooding.

NEW Important Updates

- Increased risk for tornadoes to occur on Wednesday, though the threat is still conditional at this time.

Next Scheduled Briefing

- Tuesday Evening by 6 PM





Severe Risk Wednesday

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Morning - Evening

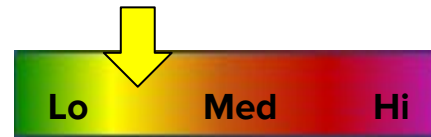
Overview

- A system will move through the area on Wednesday bringing two rounds of severe weather primarily east of Interstate 49.
- The first round will be in the morning, second round will be the higher end severe threat in the afternoon/evening.
- Primary hazards are very large hail, damaging wind gusts up to 70 mph, and tornadoes.

Severe Threats



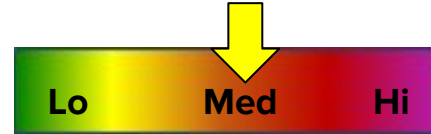
Tornado



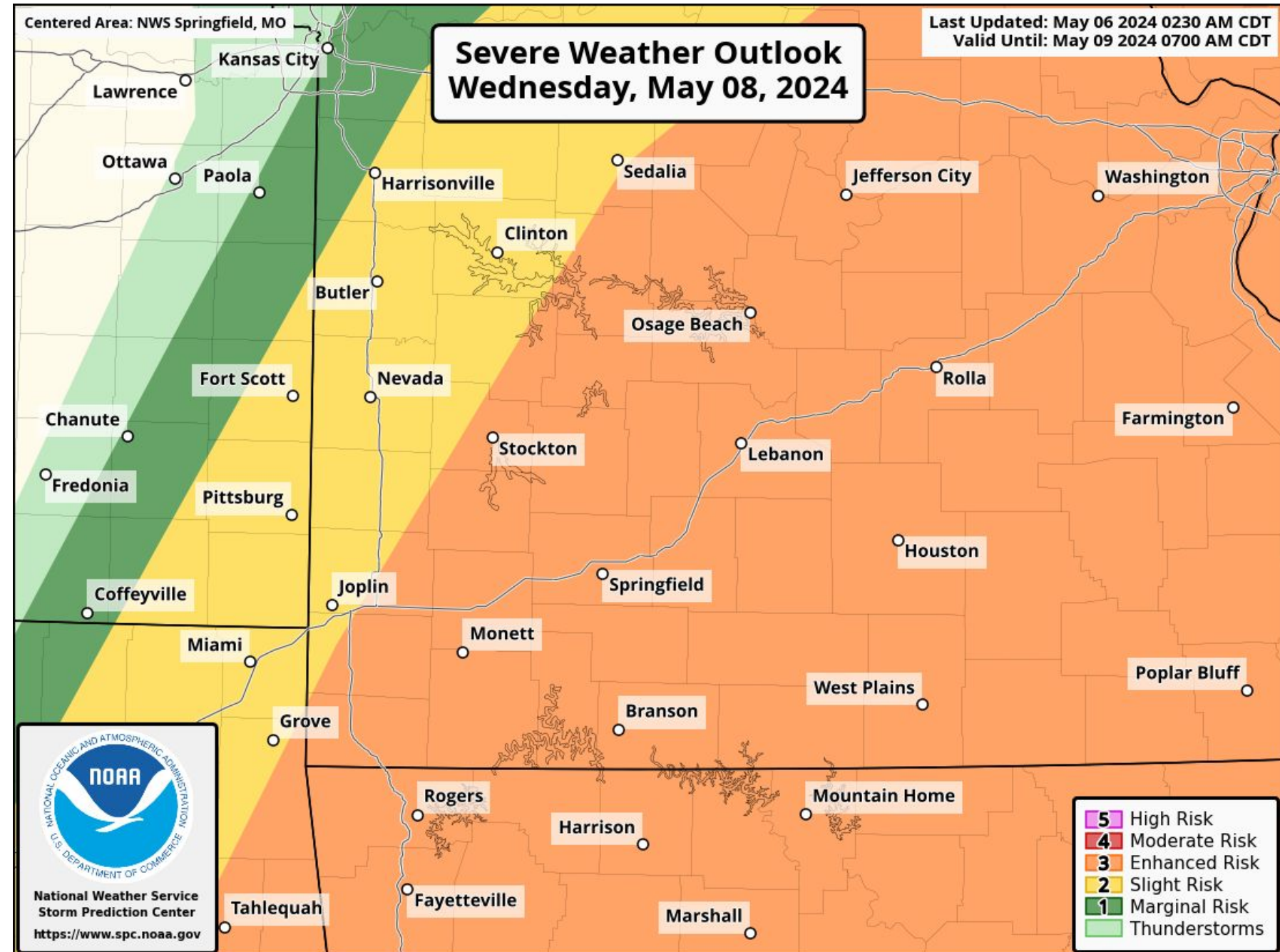
Hail



Wind



Flooding





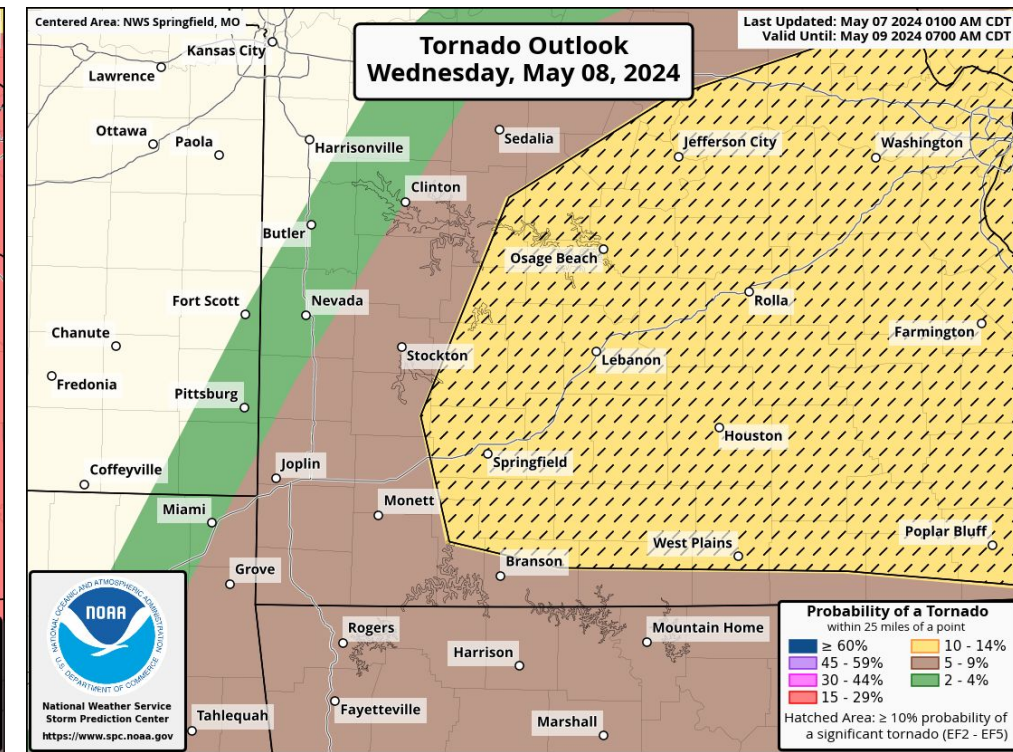
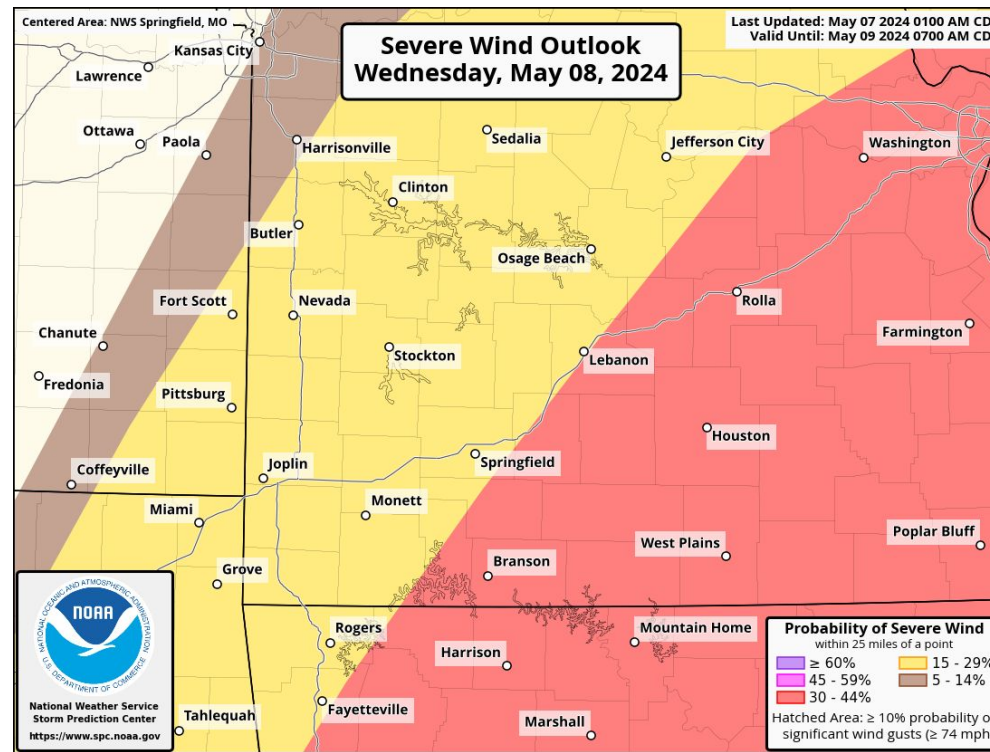
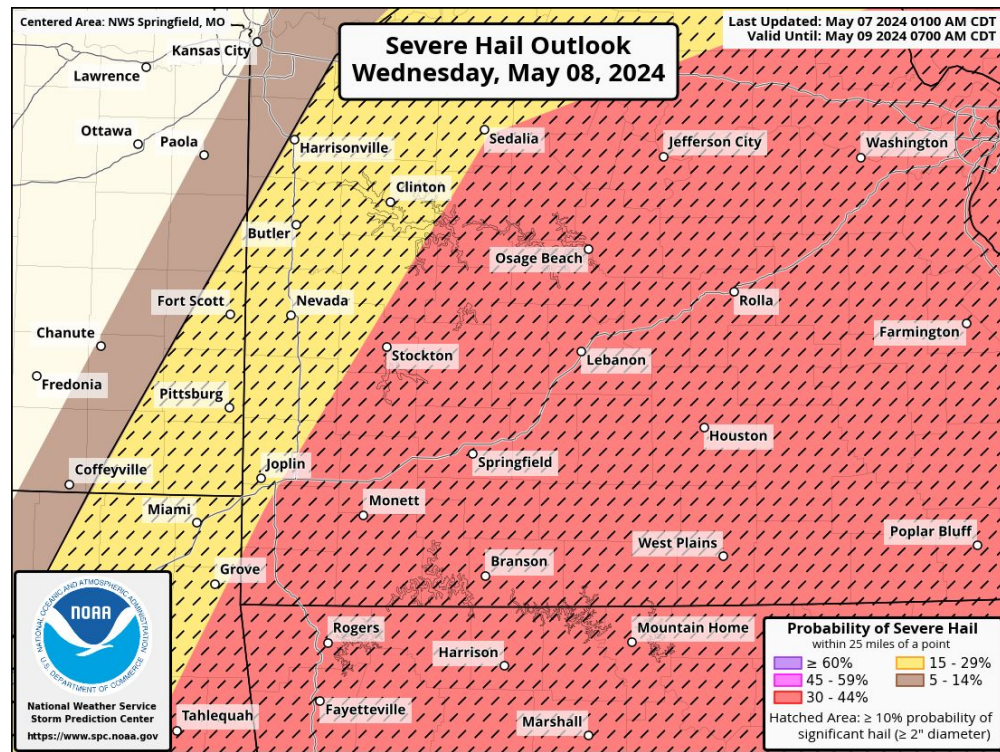
Severe Hazard Probabilities

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Hail Probability

Wind Probability

Tornado Probability



Hail up to 2 inches

60 to 70 MPH

Tornadoes

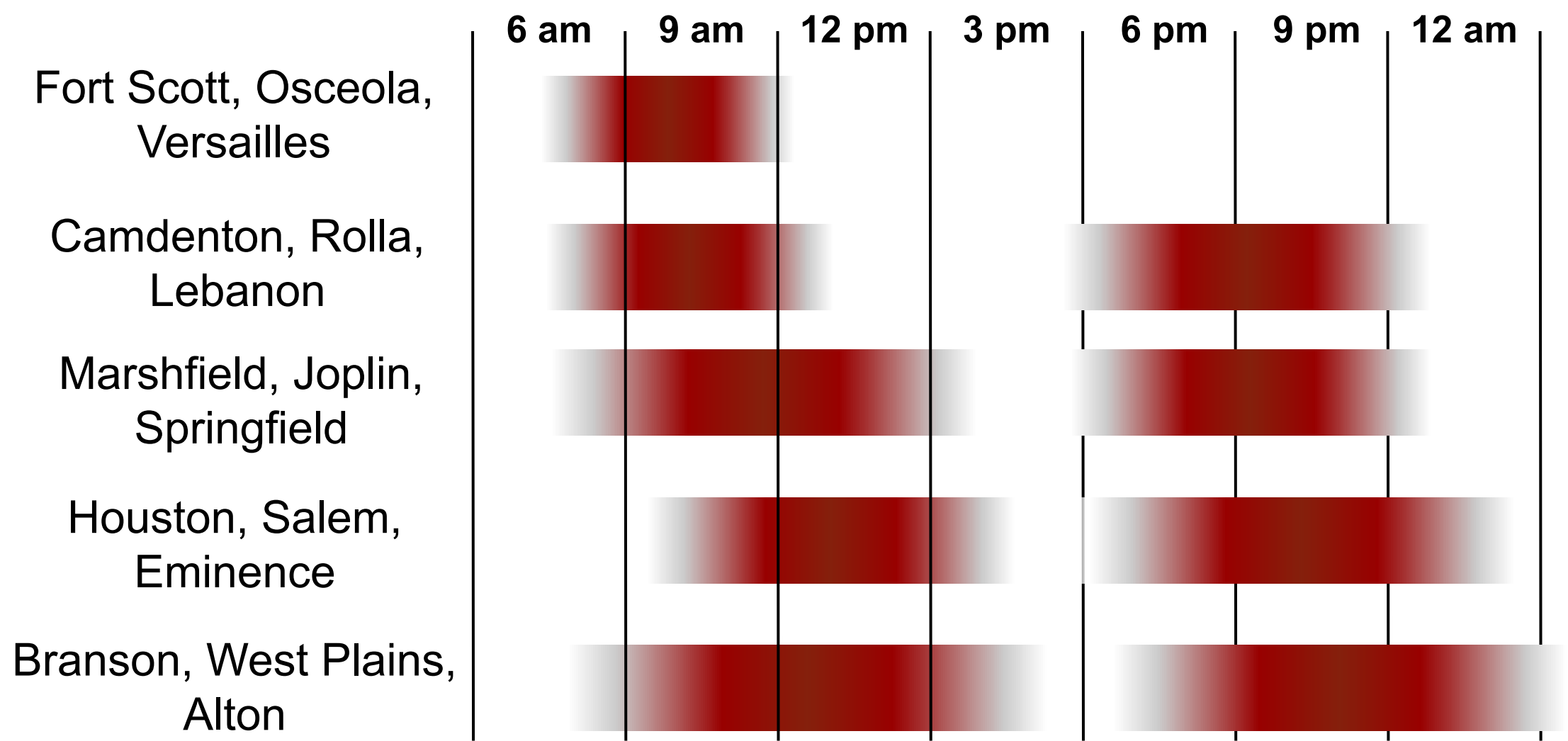


Active Weather Ahead on Wednesday

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Two rounds of storms for some areas. Confidence in exact timing and location is limited.



Severe Weather Chances

Start

Ongoing

End





Localized Heavy Rainfall and Flooding

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Wednesday

What

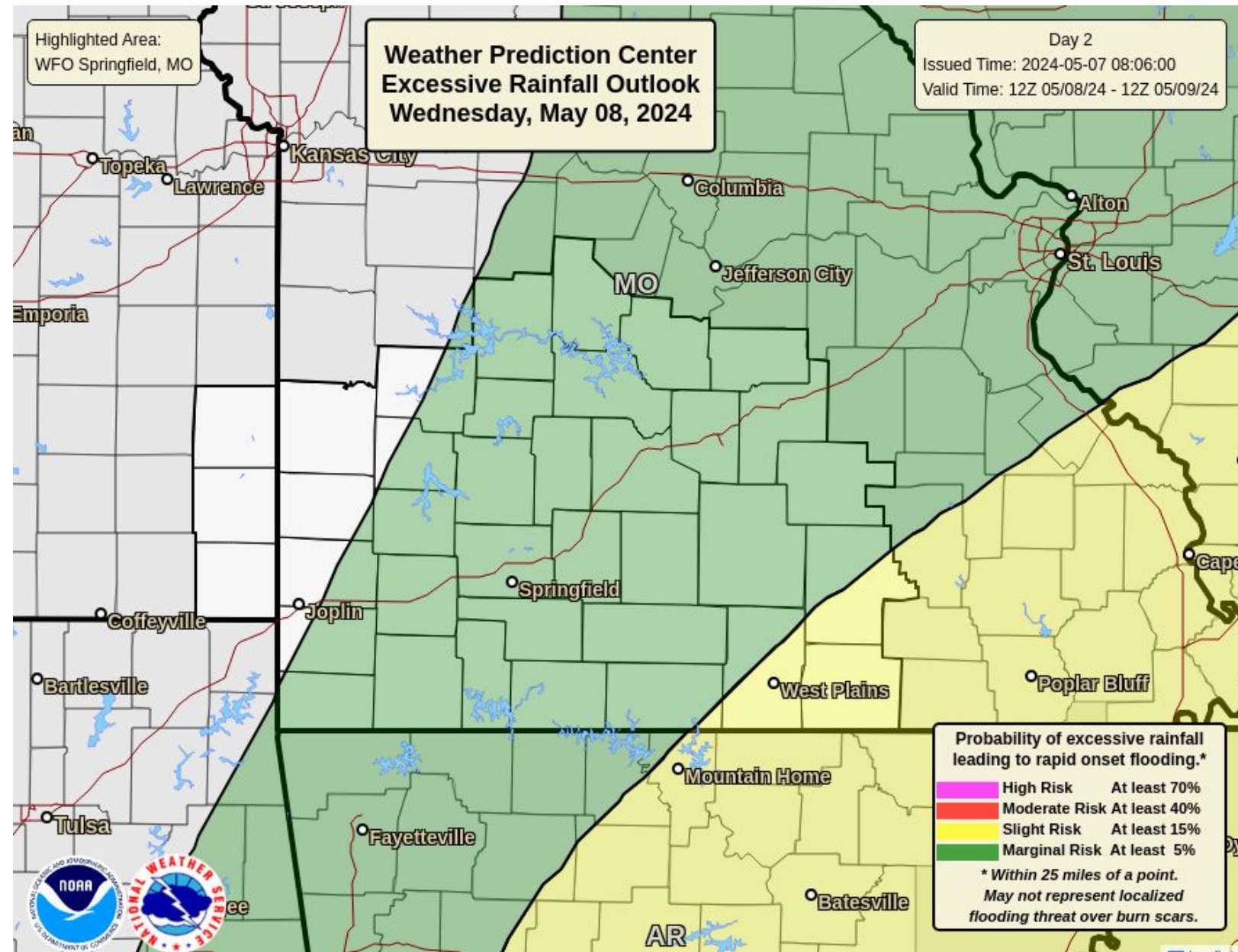
- A Slight Risk of excessive rainfall has been issued for southeast MO for Wednesday.
- Localized heavy rainfall and flooding possible on Wednesday, with locally heavy rainfall.

Where

- Highest flooding potential over southeast MO.

When

- Wednesday morning through the evening.



Excessive Rainfall Outlook for Wednesday

National Weather Service
Springfield, MO



Wednesday

Severe Thunderstorms



Localized Flooding



Timing



Confidence Details

- Medium confidence is in the severe threat in the morning.
- High confidence in large hail to very large hail and damaging wind threat in the afternoon and evening.
- Medium confidence in the timing of when storms initiate.
- Medium confidence in how large the hailstones will get in these storms.
- Limited confidence in the tornado threat.



For Additional Information

- [NWS Springfield Webpage](#)
- [IDSS Point Forecasts](#)
- [Graphical Hazardous Weather Outlook](#)
- [SPC Convective Outlooks](#)
- [WPC Excessive Rainfall Outlooks](#)
- [WPC Precipitation Outlooks](#)
- [AHPS Lakes and Rivers](#)
- [Submit Storm Reports](#)

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