



Potential for Severe Weather Wednesday

May 8, 2024
3:40 AM

Key Messages

- Moderate Risk (4 out of 5) for severe thunderstorms Wednesday.
- Hazards are baseball size hail, damaging winds up to 80 mph, and tornadoes.
- Flooding will be possible in central/east-central Missouri.

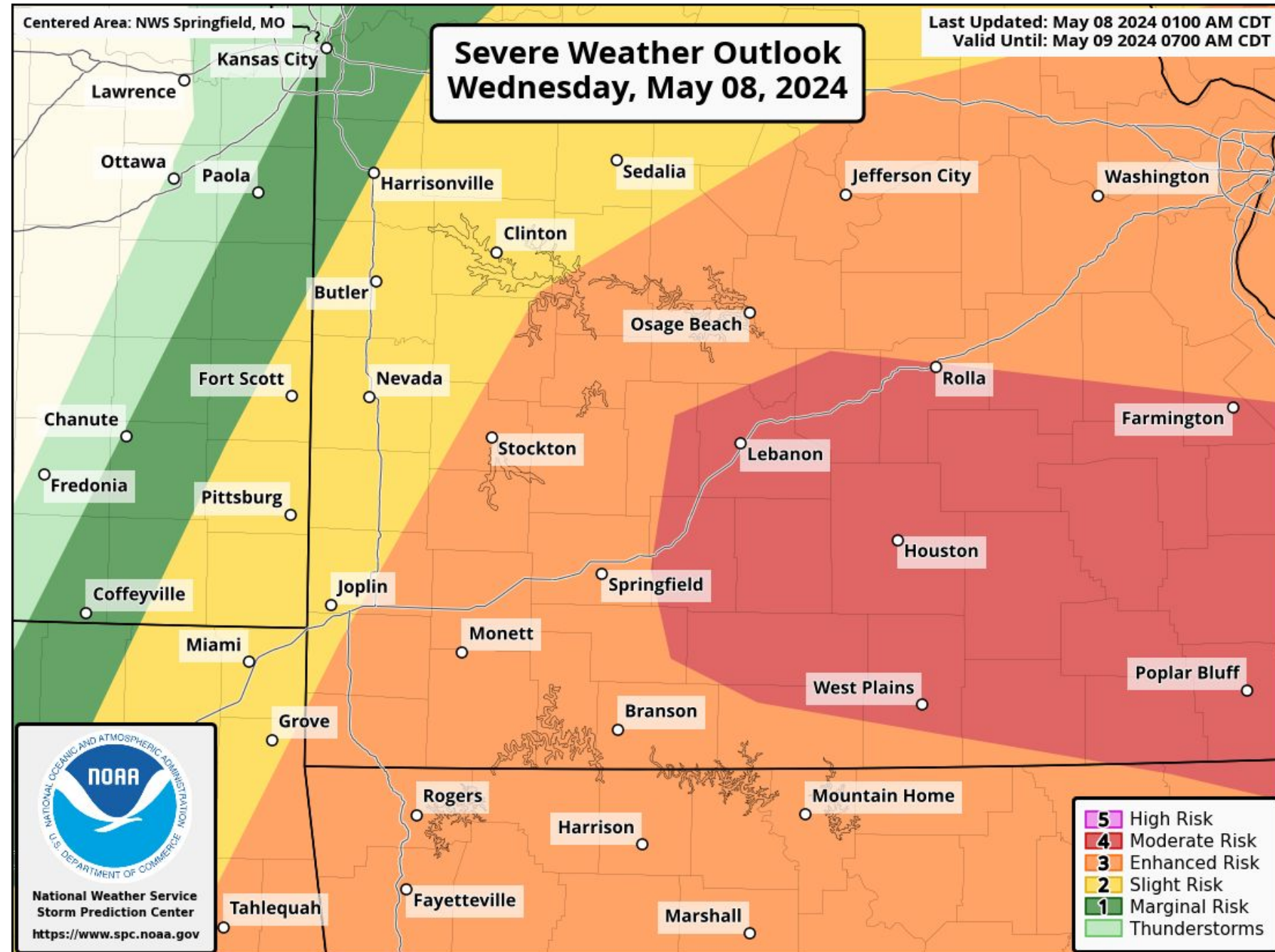
NEW

Important Updates

- Upgrade from Enhanced (3/5) to Moderate (4/5) Risk
- Maximum wind speeds increased to 80 mph
- Flood Watch for central MO

Next Scheduled Briefing

- Wednesday by 6 PM





Severe Risk Wednesday

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Morning - Evening

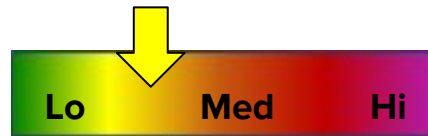
Overview

- Two rounds of severe weather are expected.
- The first round will be in the morning to mid afternoon; the second round will be in the afternoon/evening.
- Primary hazards are baseball size hail and damaging wind gusts up to 80 mph. Tornadoes will be possible and may be significant east of Hwy 65.

Severe Threats



Tornado



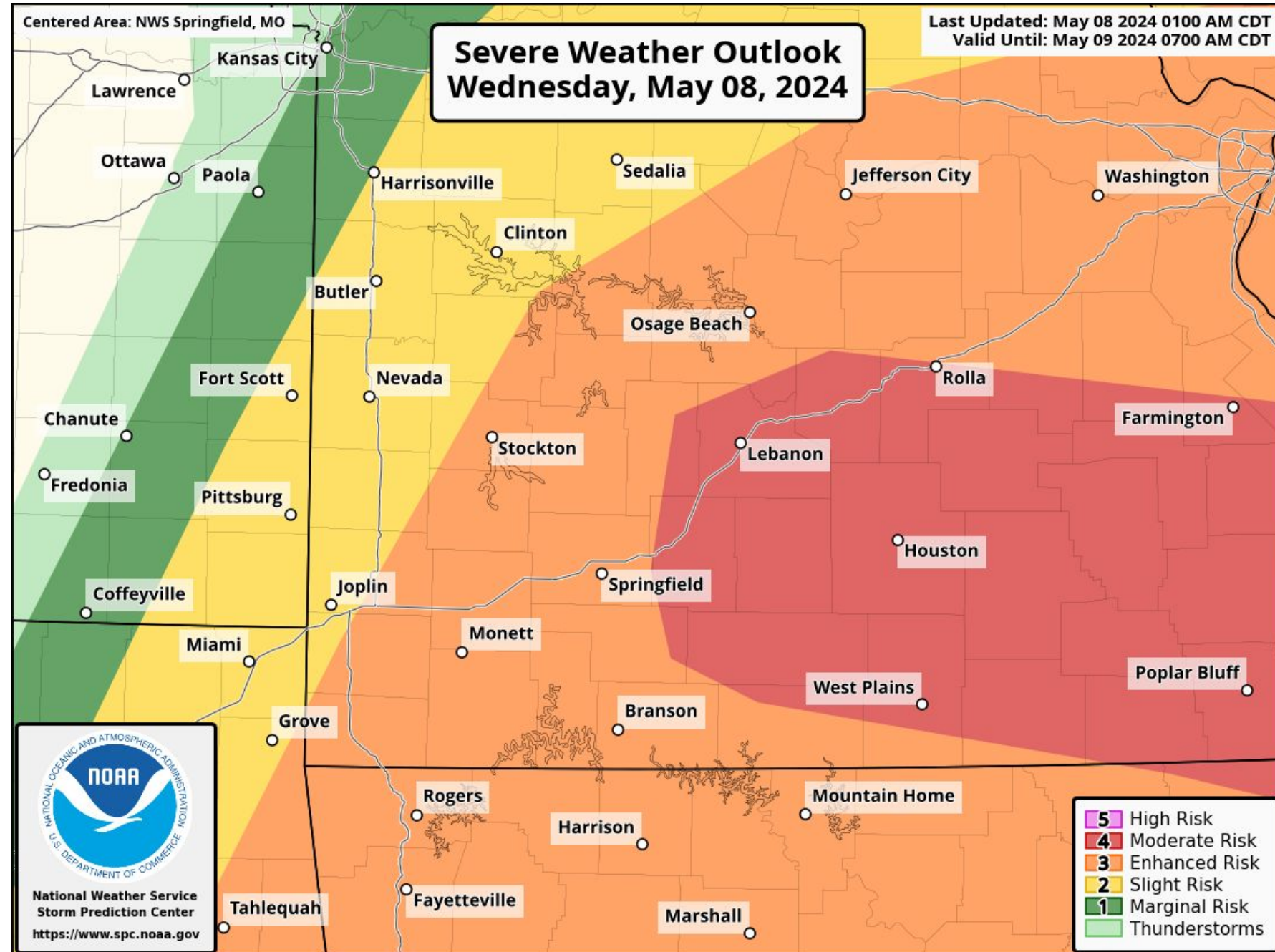
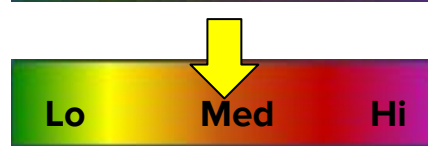
Hail



Wind



Flooding

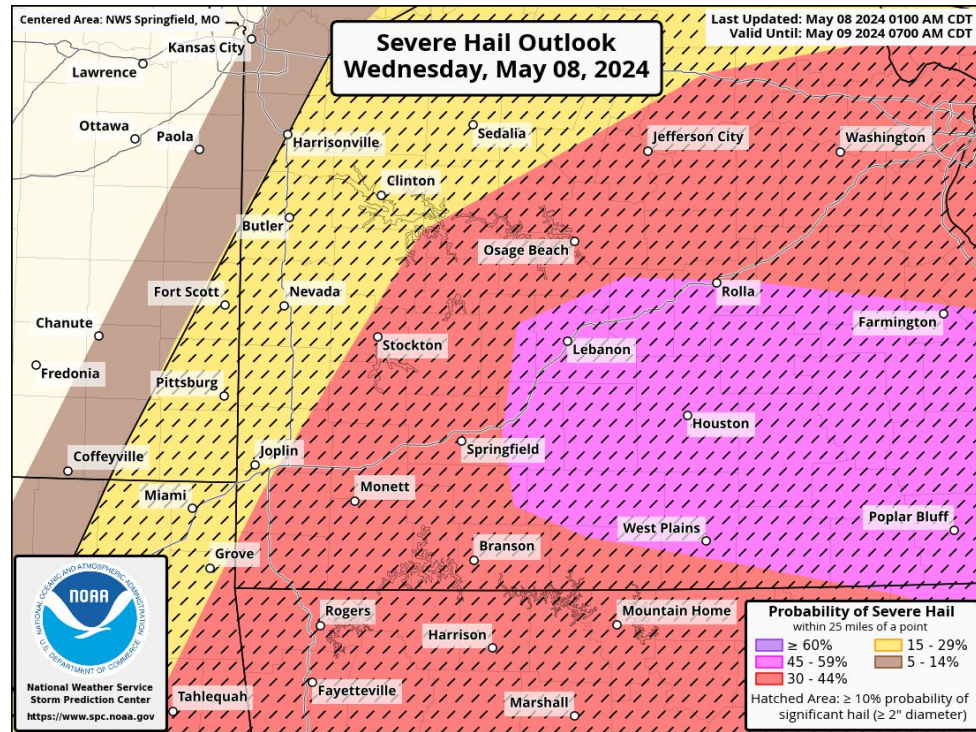




Severe Hazard Probabilities

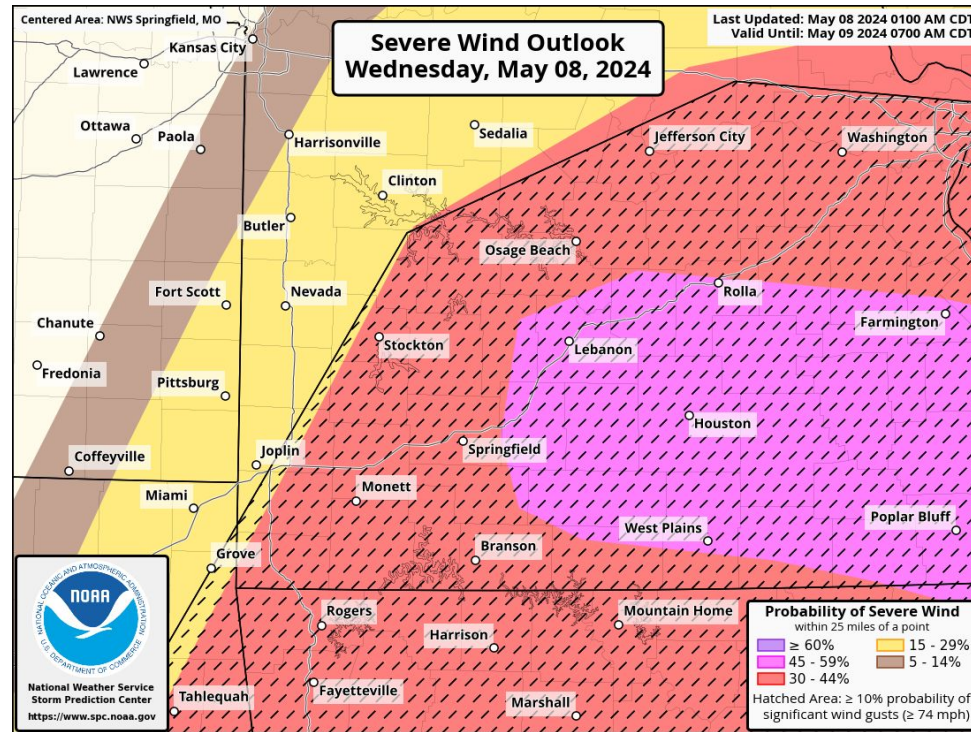
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Hail Probability



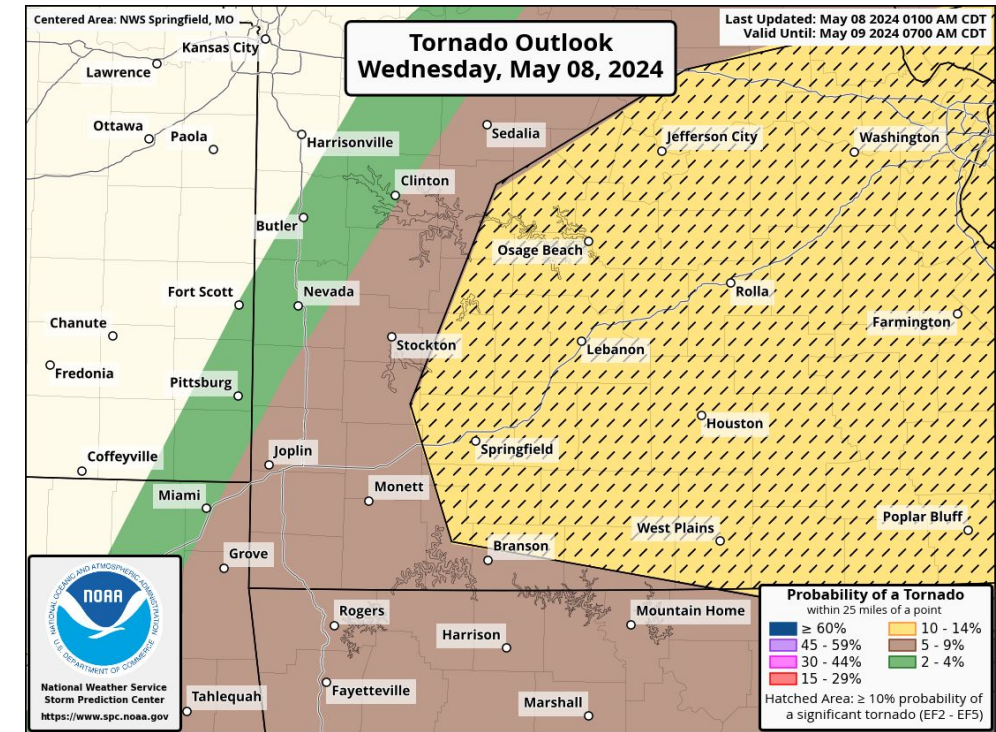
Hail up to the size of baseballs

Wind Probability



60 to 80 MPH

Tornado Probability

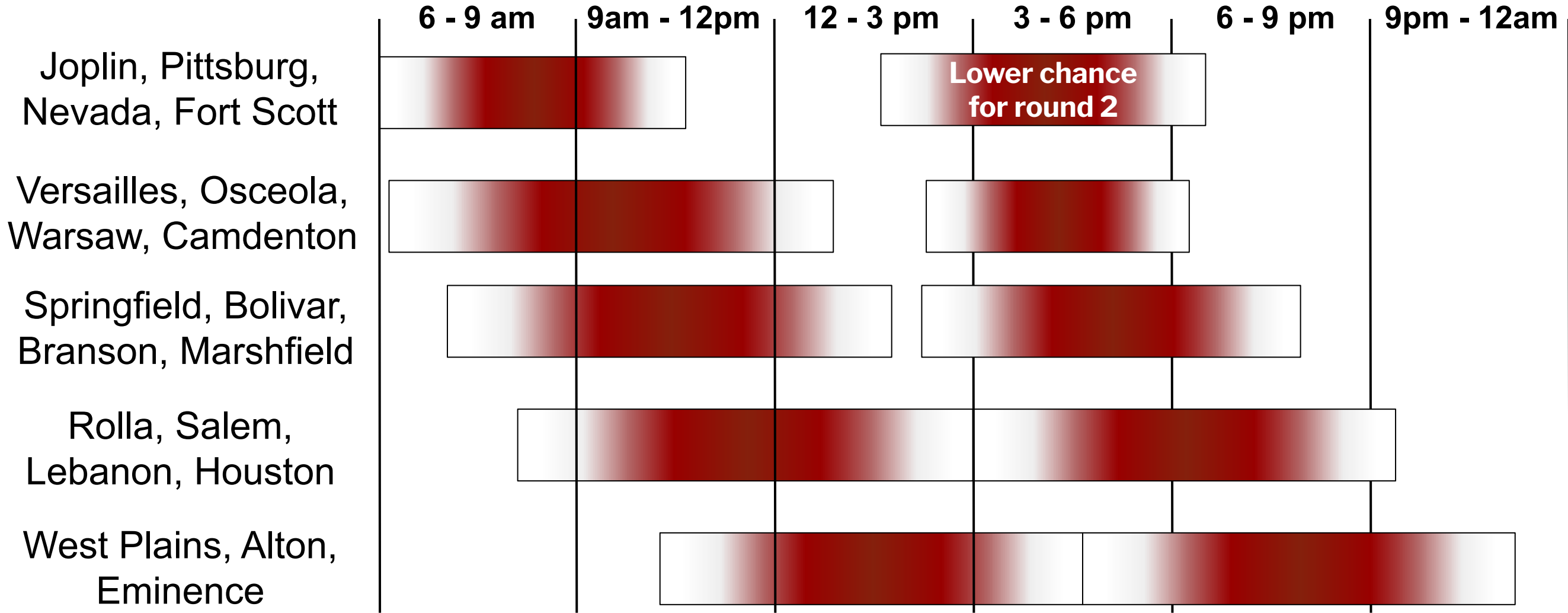


Tornadoes will be possible;
more likely east of Hwy 65



Estimated Timeline of Two Rounds

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Severe Weather Chances





Flood Watch: Heavy Rain, Flooding

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Wednesday

What

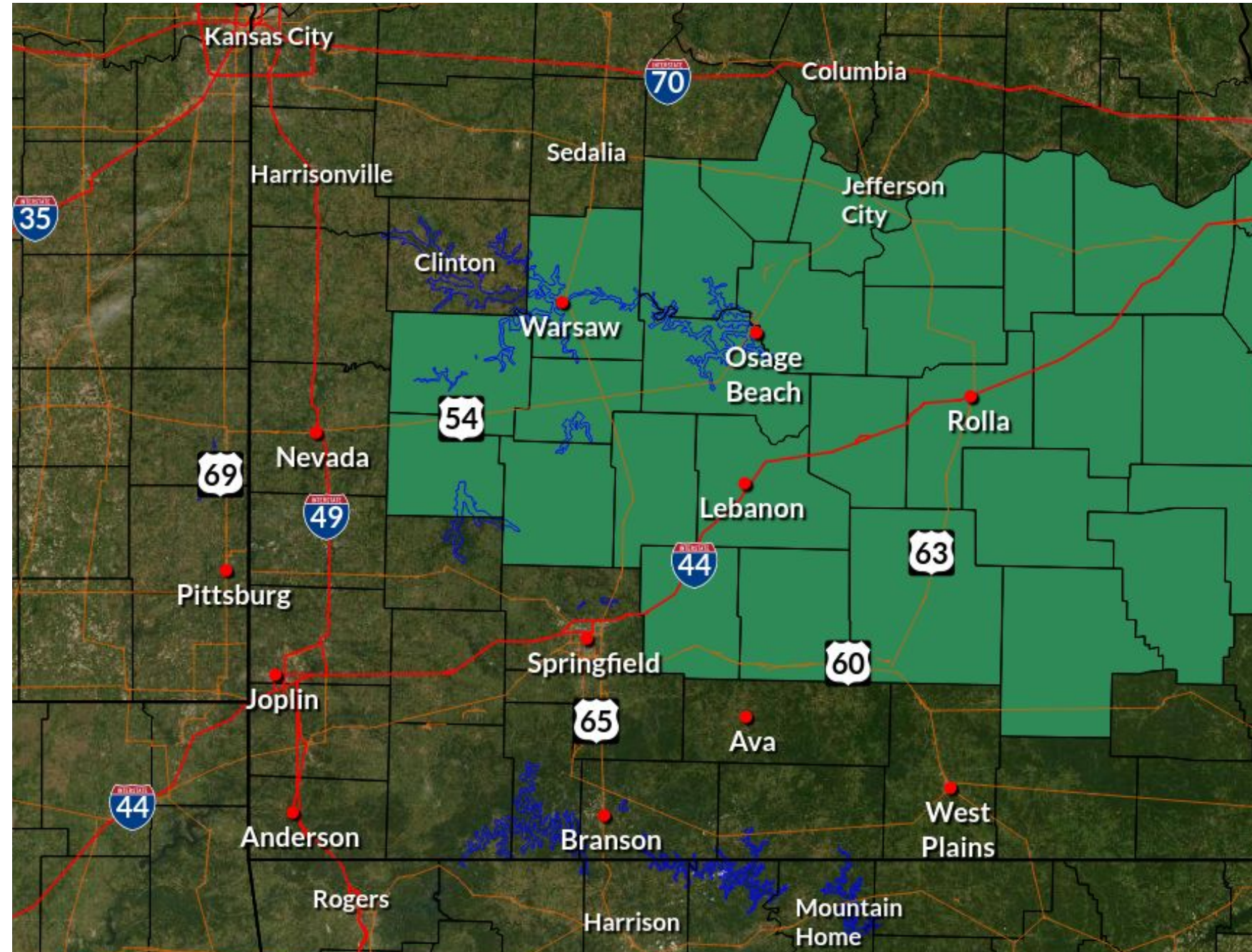
- A Flood Watch is in effect. Widespread 1-3 inches of rain expected with localized totals 3-6 inches.

Where

- The highlighted counties in south central MO

When

- 10 a.m. until midnight





Wednesday

Severe Thunderstorms



Localized Flooding



Timing



Confidence Details

- Medium confidence in the severe threat in the morning; higher confidence in the afternoon/evening.
- High confidence in large hail to very large hail and damaging winds being the primary threat for both rounds.
- 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. The threat will be highly dependent on how storms evolve.



Additional Resources

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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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