



Potential for Severe Weather this Week

May 6, 2024
5:50 AM

Key Messages

- Enhanced Risk (3 out of 5) for severe thunderstorms this evening into Tuesday morning.
- Additional risk for severe thunderstorms on Wednesday.
- Low risk for localized heavy rainfall and flooding.

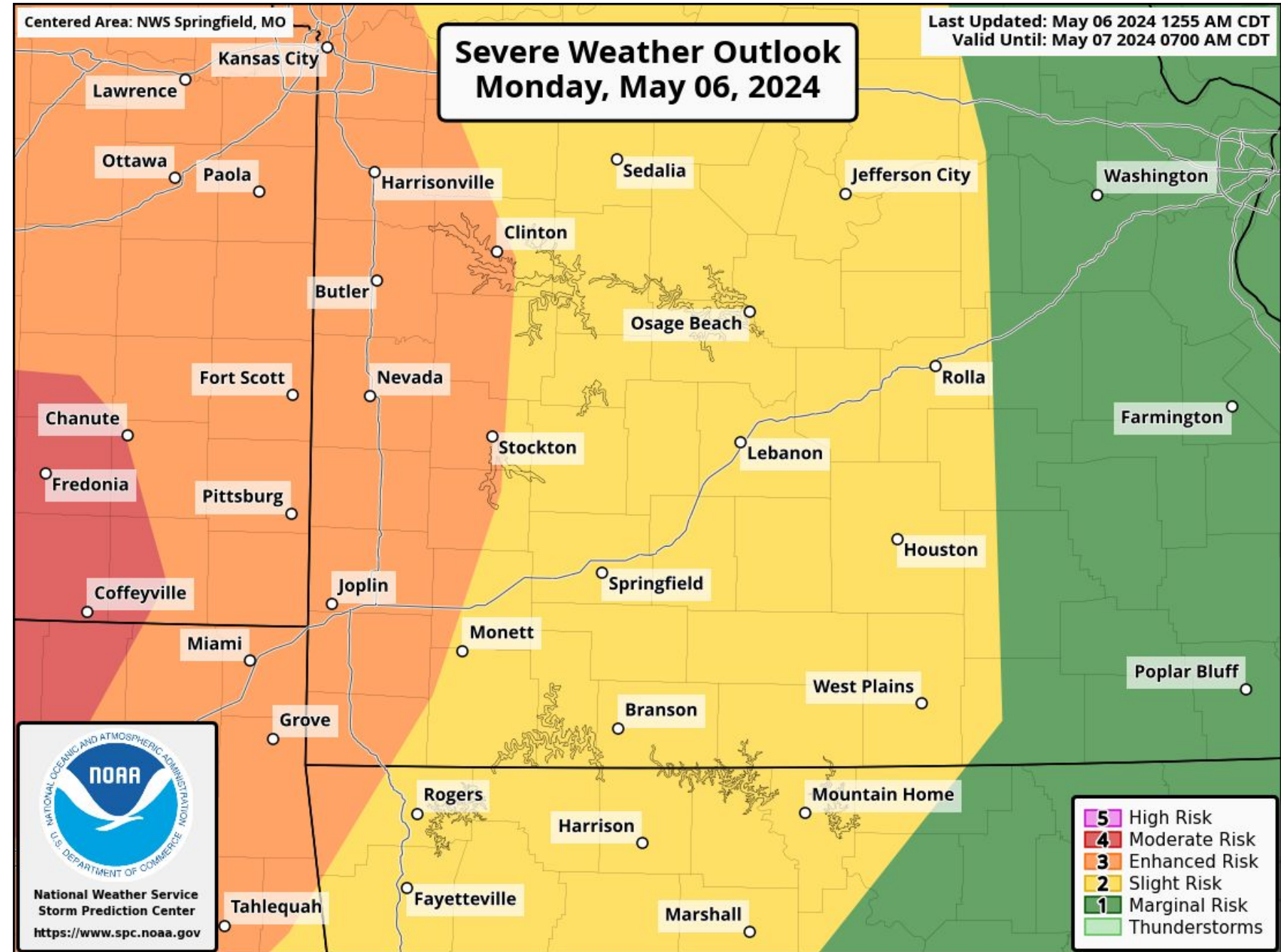
NEW

Important Updates

- SPC upgraded the severe risk for Wednesday to Enhanced (3 out of 5).

Next Scheduled Briefing

- Monday evening by 6 pm





Severe Risk Late Evening/Tonight

May 6, 2024
5:50 AM

This Evening - Tuesday Morning

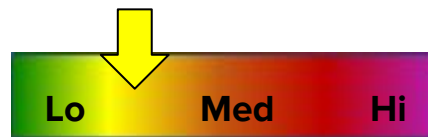
Overview

- A line of thunderstorms moves in from the west likely after 9 pm this evening into early Tuesday morning.
- Greatest severe weather threat is west of Hwy 65.
- Primary hazard is damaging wind gusts up to 70 to 80 mph.
- Additional hazards are severe hail and a few short-lived tornadoes.

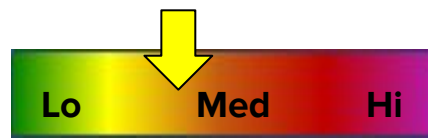
Severe Threats



Tornado



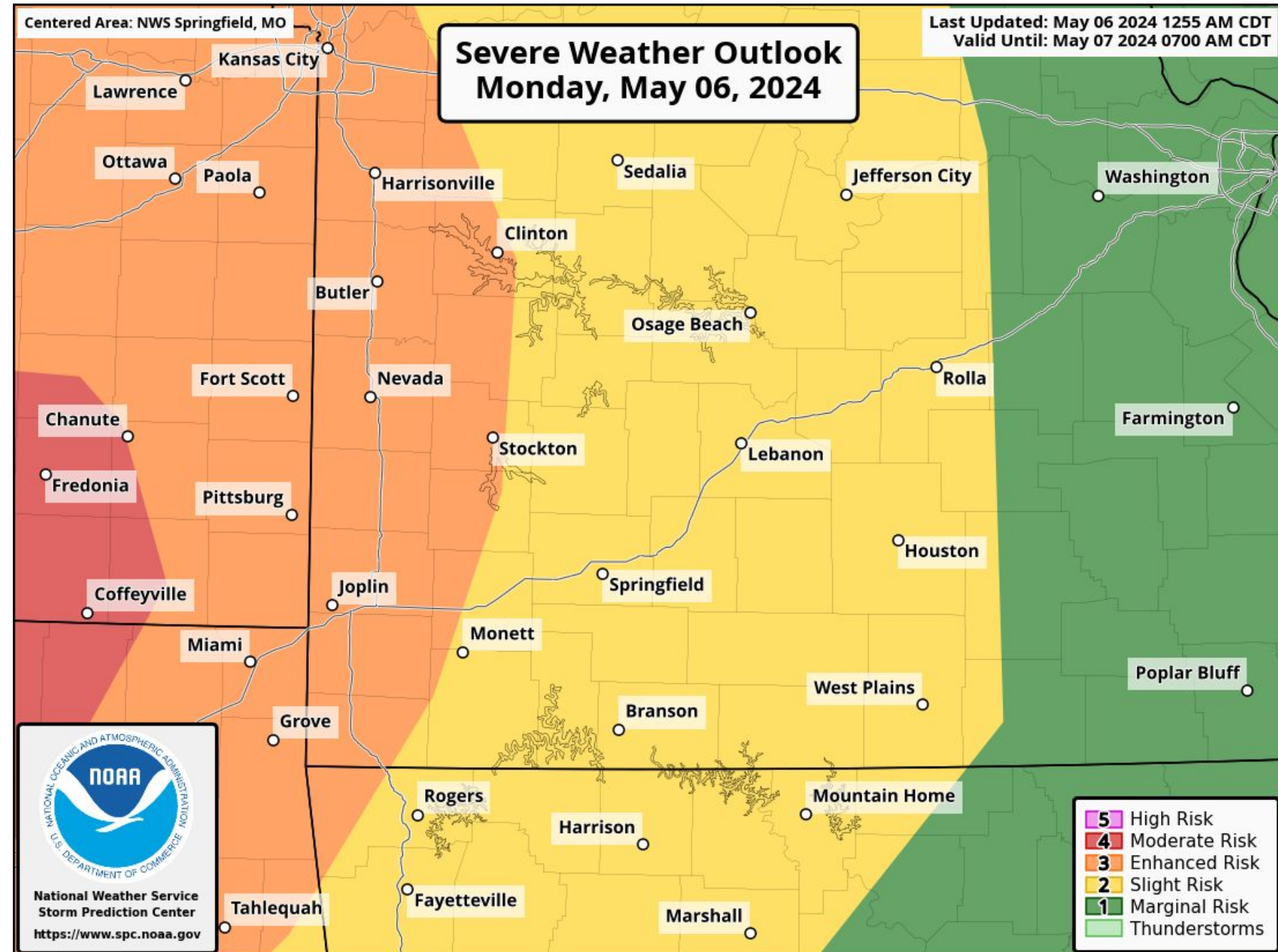
Hail



Wind



Flooding



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

National Weather Service
Springfield, MO



Severe Hazard Probabilities

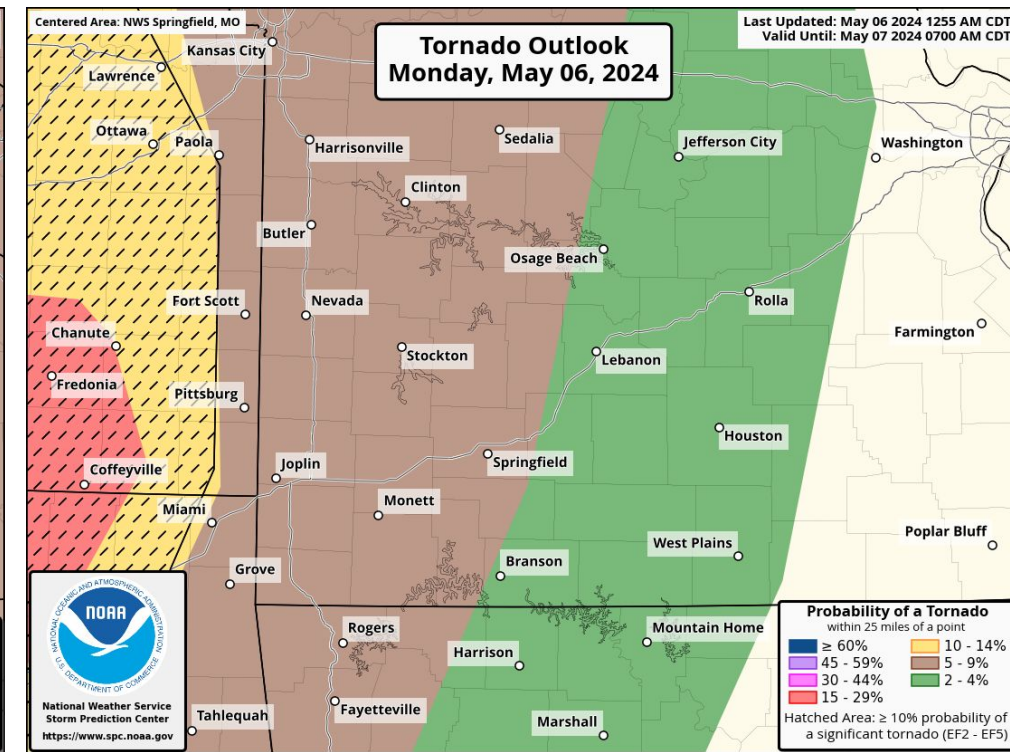
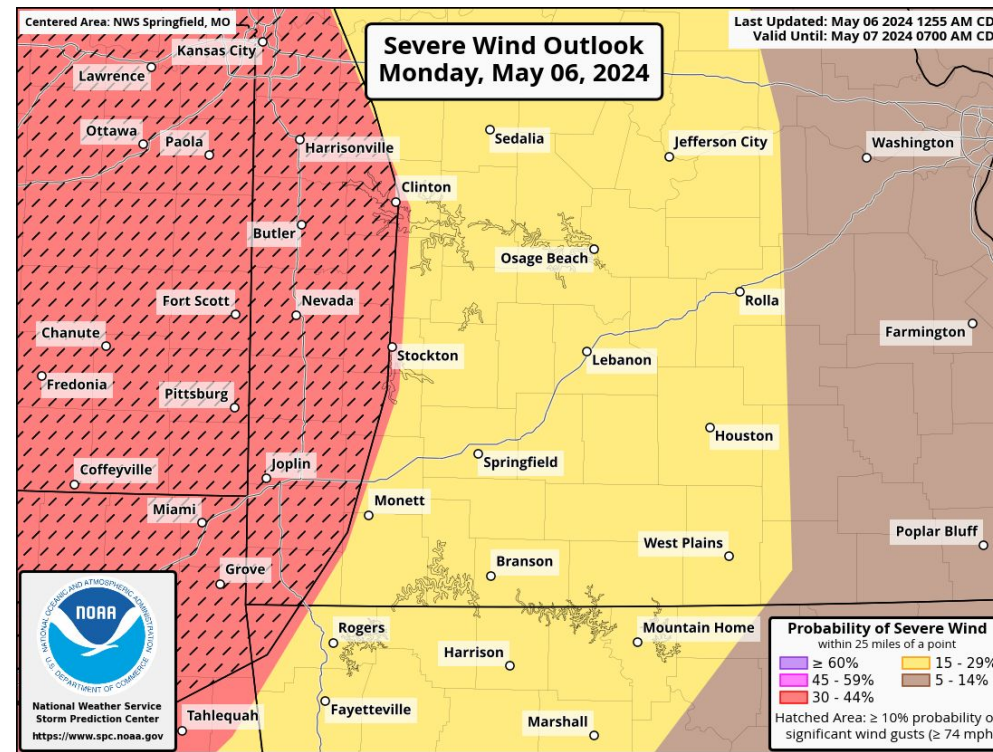
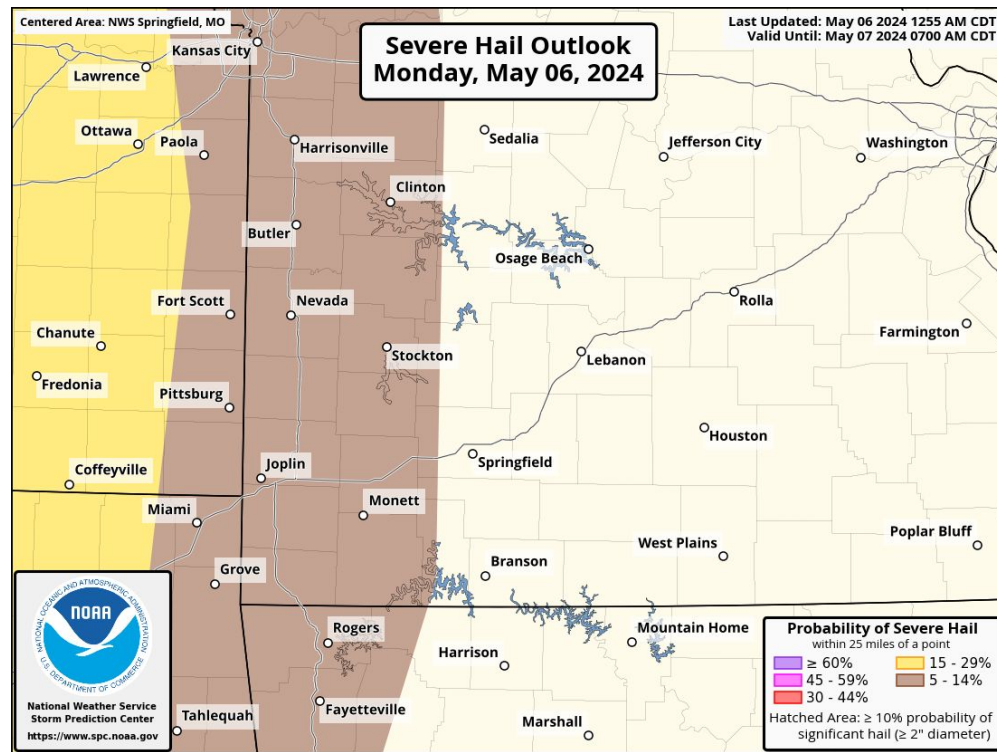
May 6, 2024
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Primary Hazard is Damaging Wind Gusts

Hail Probability

Wind Probability

Tornado Probability



Half Dollar Sized

60 to 80 mph

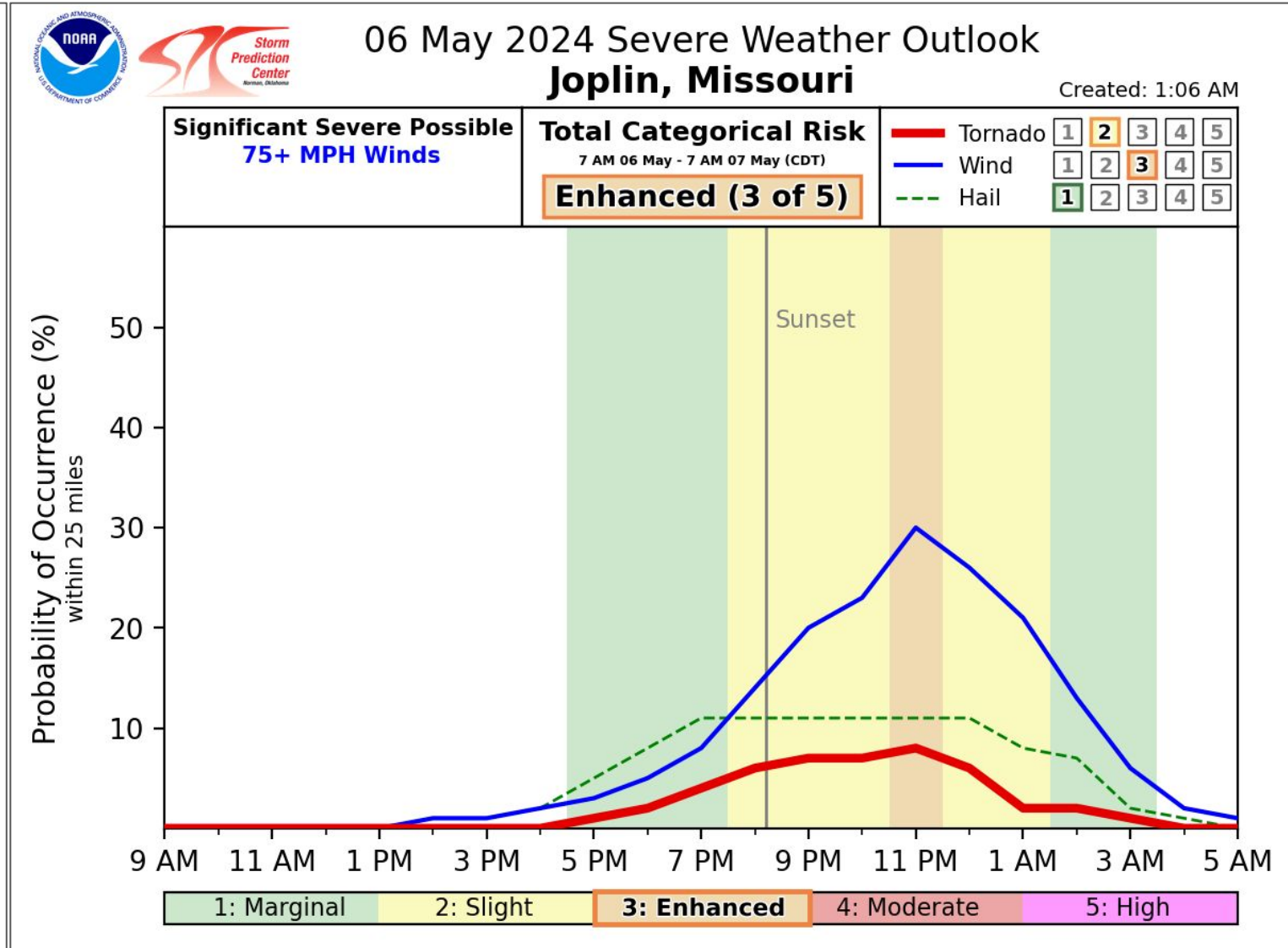
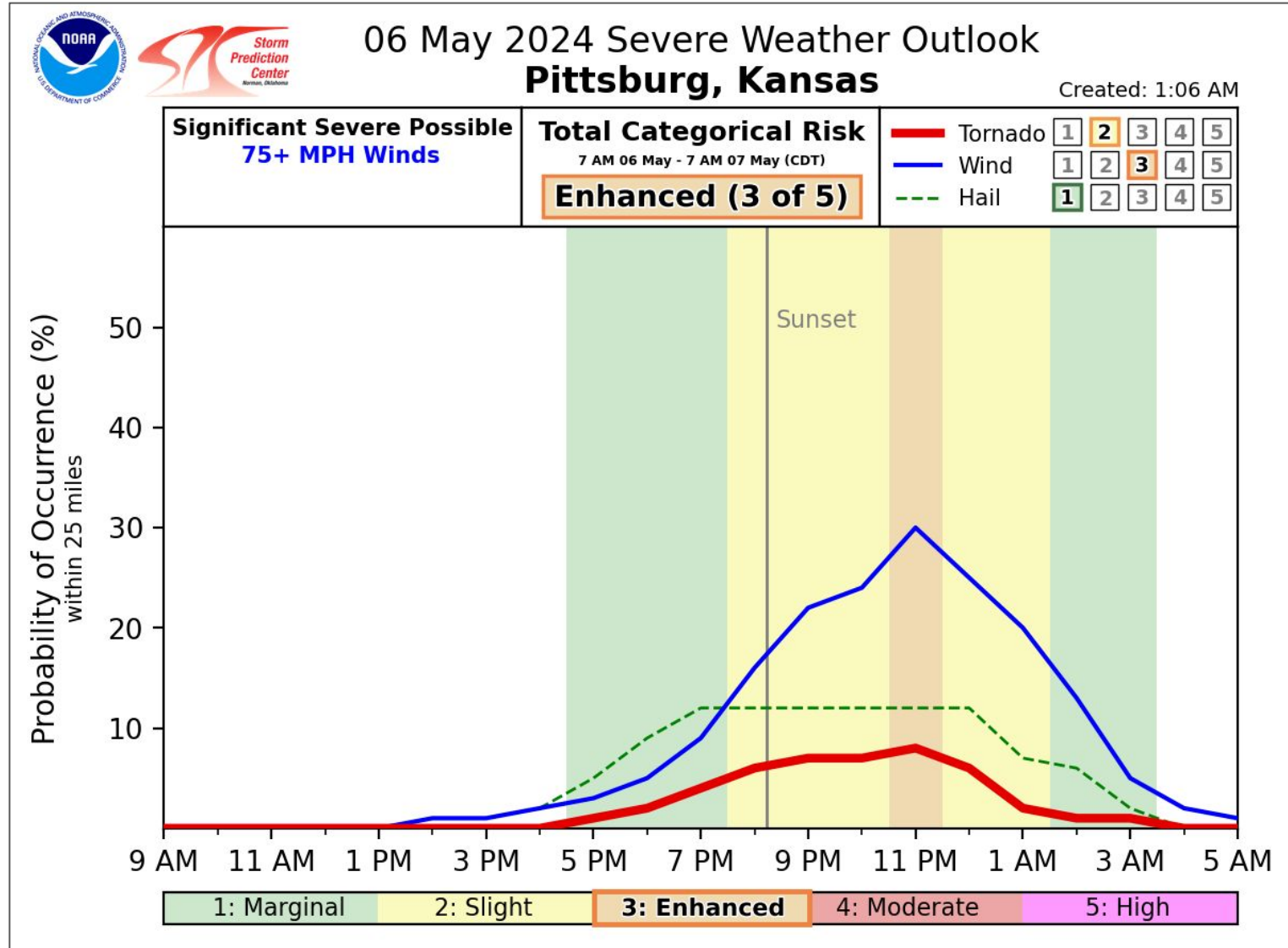
Few Short-lived tornadoes



Severe Hazard Timing Graphics

May 6, 2024
5:50 AM

This Evening - Tuesday Morning

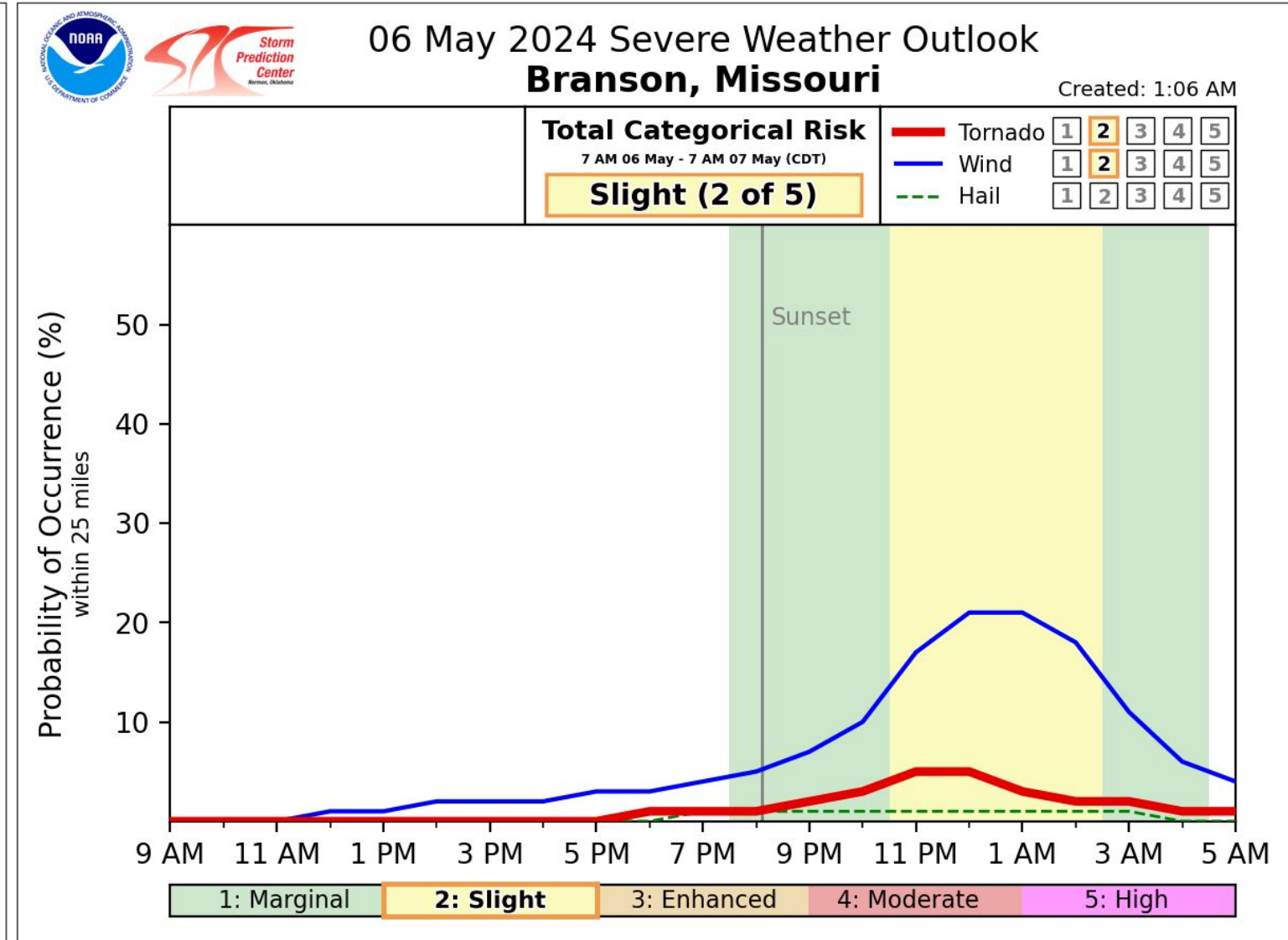
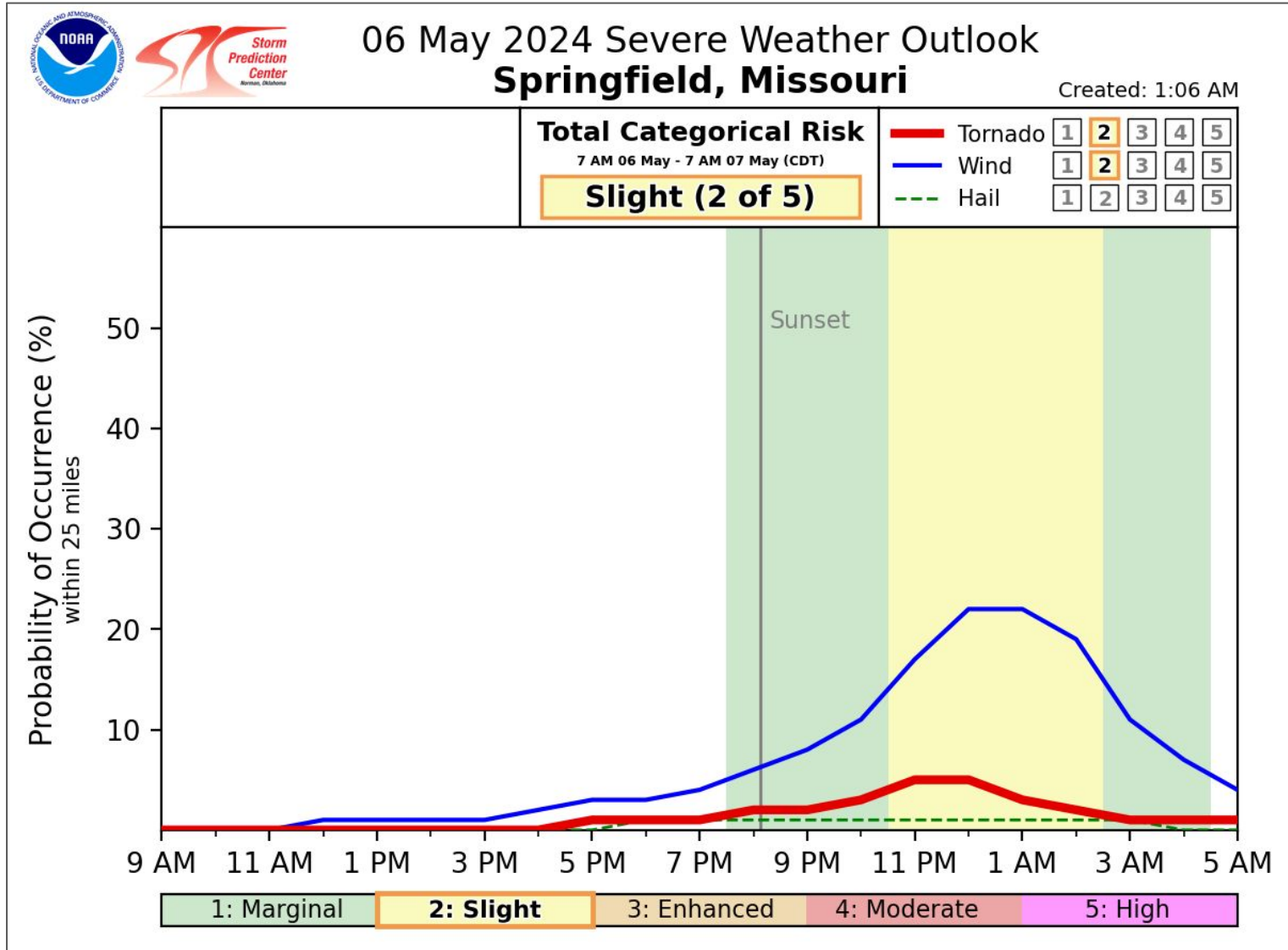




Severe Hazard Timing Graphics

May 6, 2024
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This Evening - Tuesday Morning

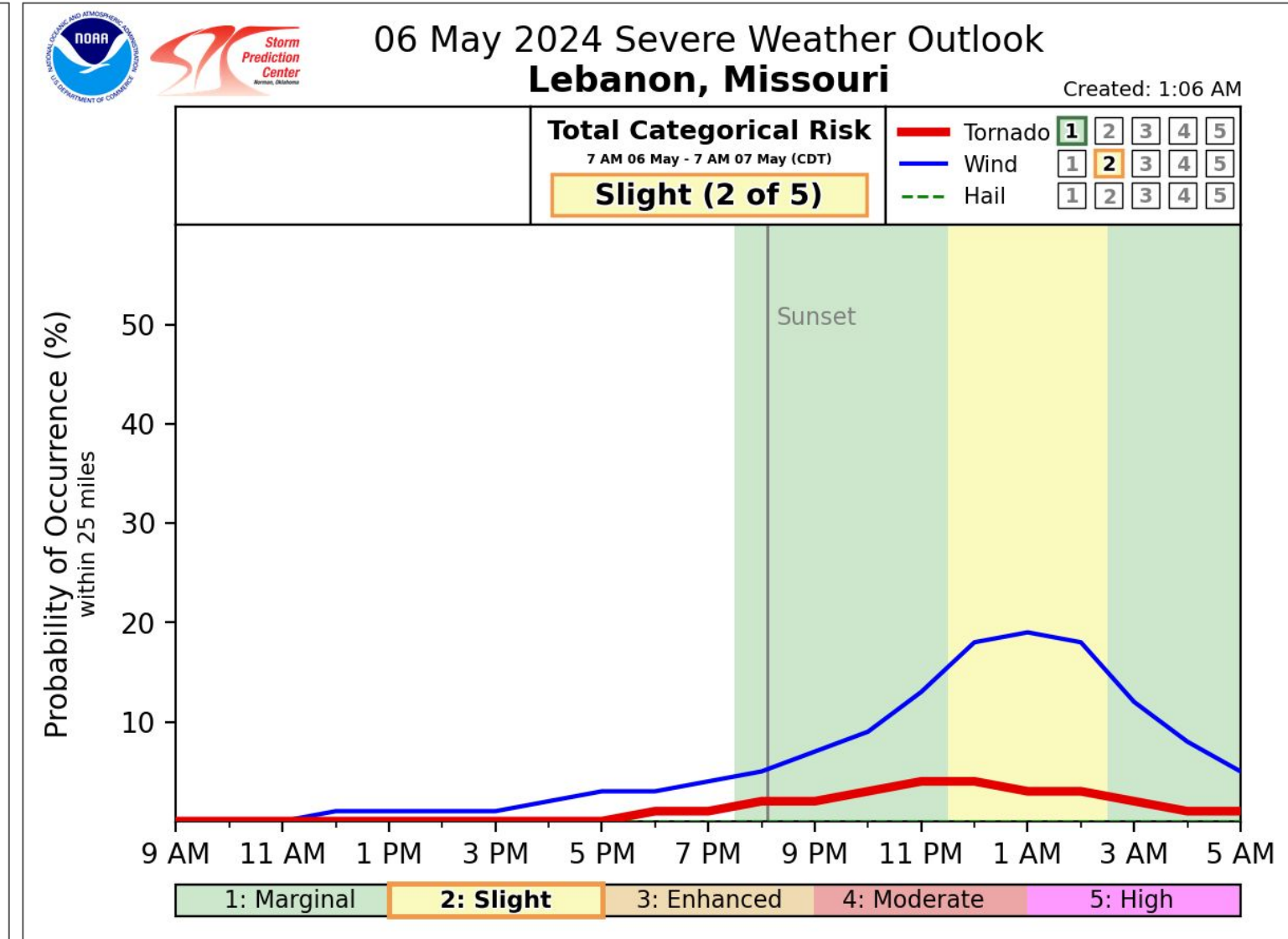
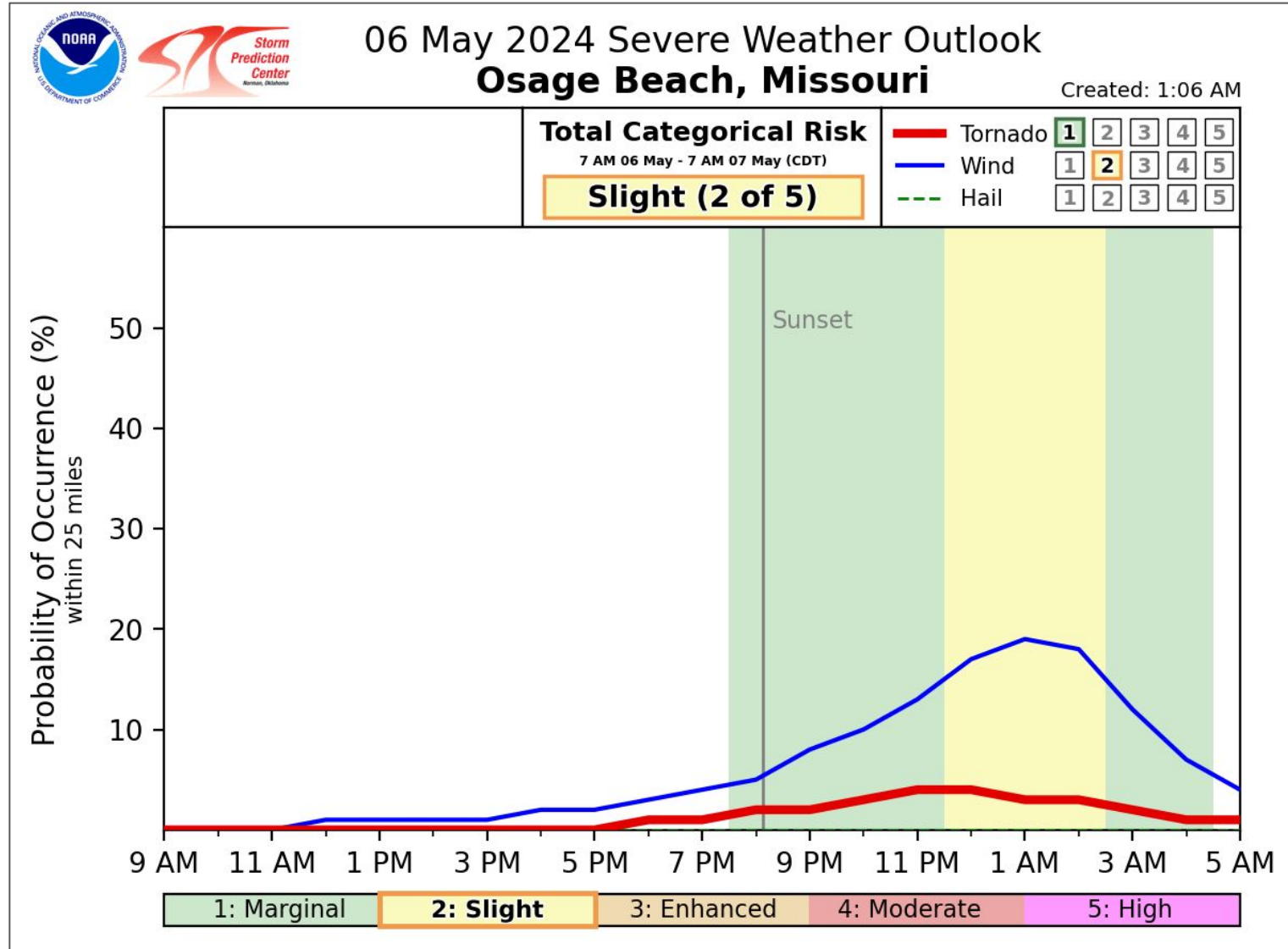




Severe Hazard Timing Graphics

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This Evening - Tuesday Morning

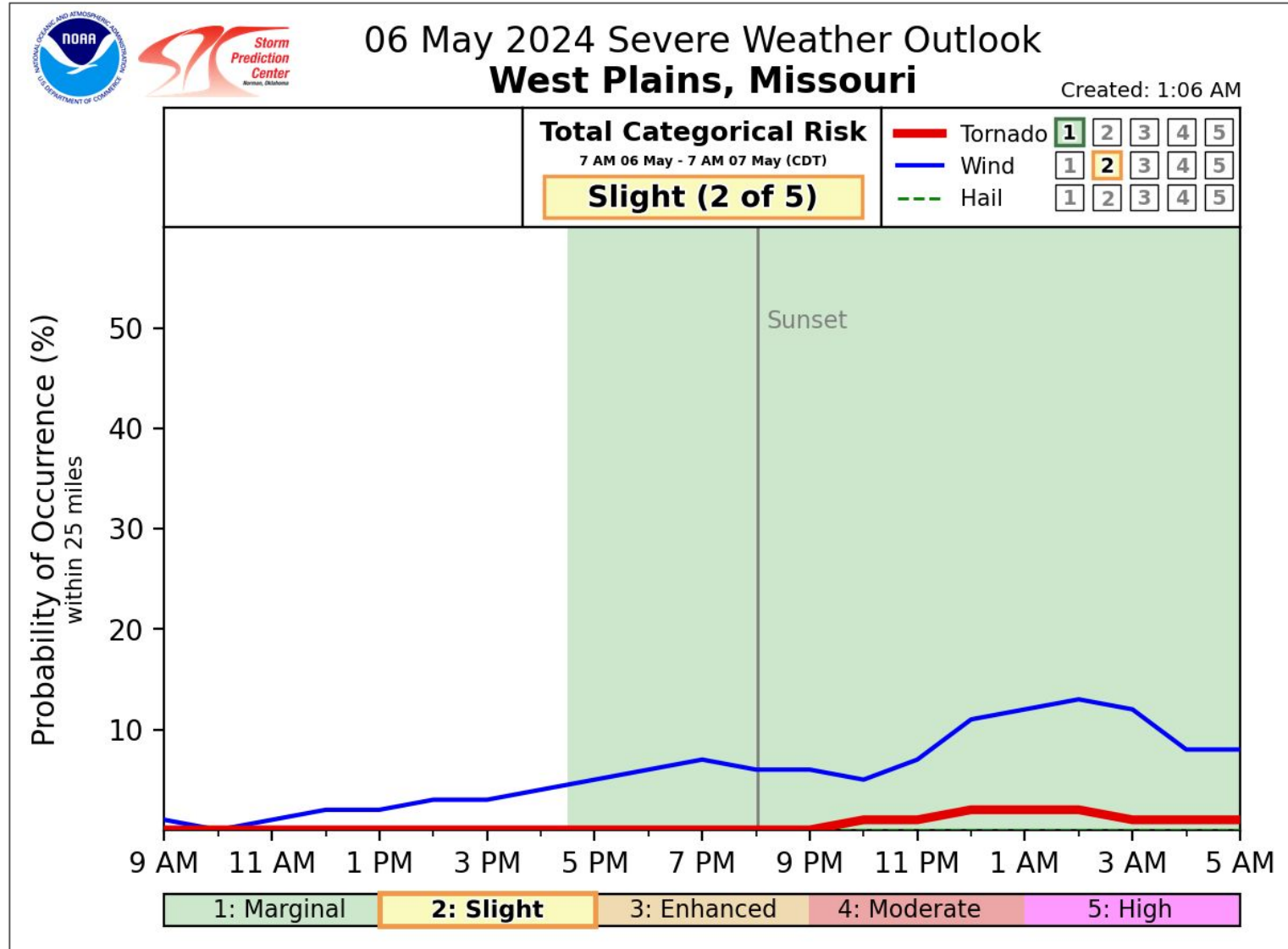
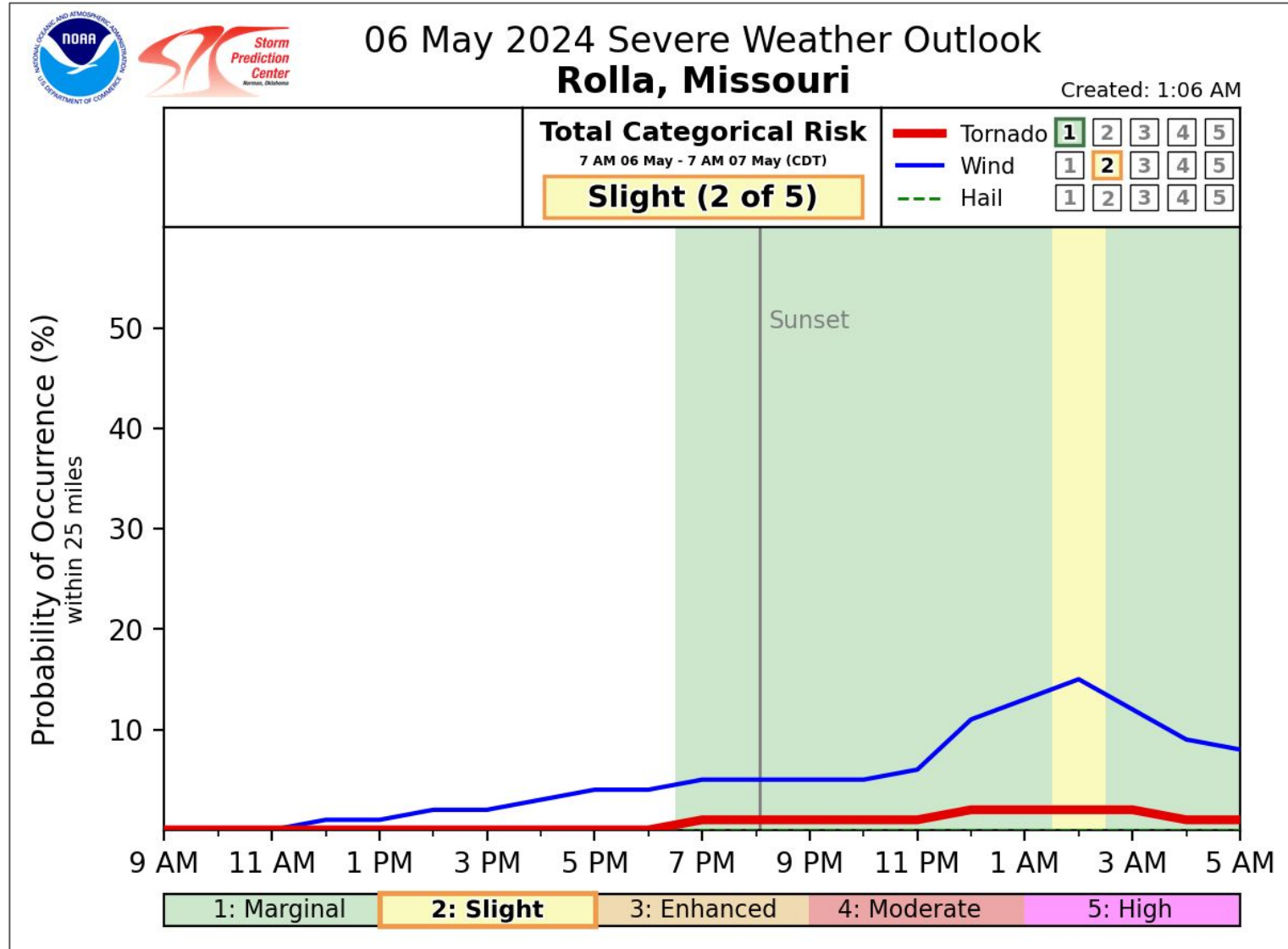




Severe Hazard Timing Graphics

May 6, 2024
5:50 AM

This Evening - Tuesday Morning





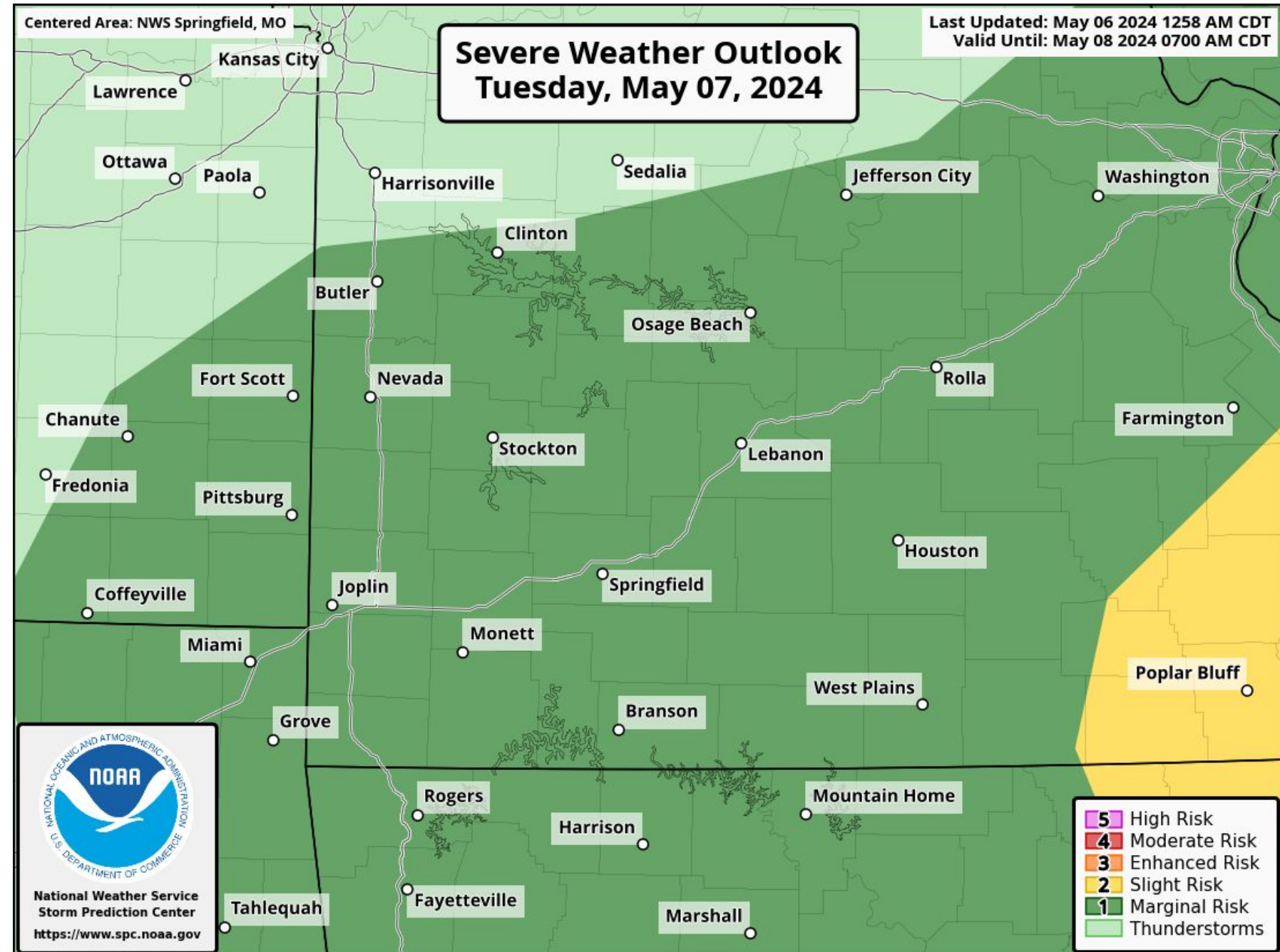
Severe Risk Tuesday Morning

May 6, 2024
5:50 AM

Tonight into Tuesday Morning

Overview

- Any lingering thunderstorms from overnight will dissipate by mid-morning on Tuesday.
- Greatest threat for severe weather will be far southeastern MO.
- Primary hazard is damaging wind gusts.



Severe Threats

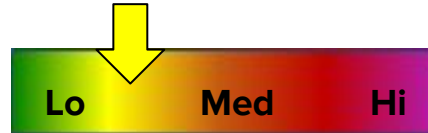
Tornado



Hail



Wind



Flooding





Severe Hazard Probabilities Early Tue

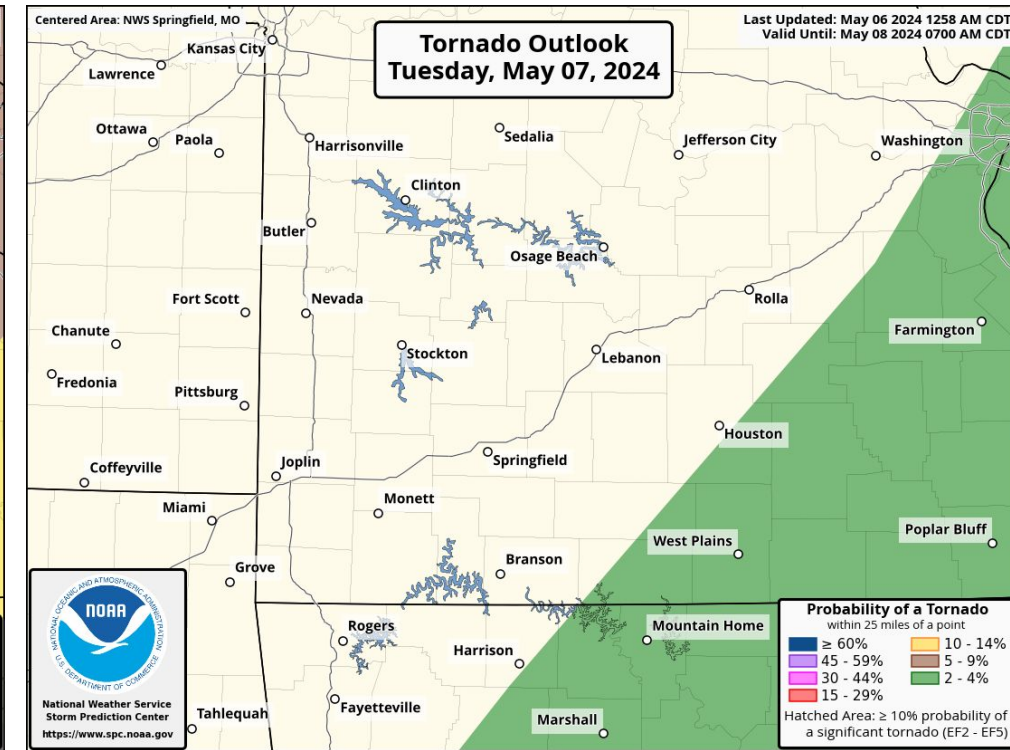
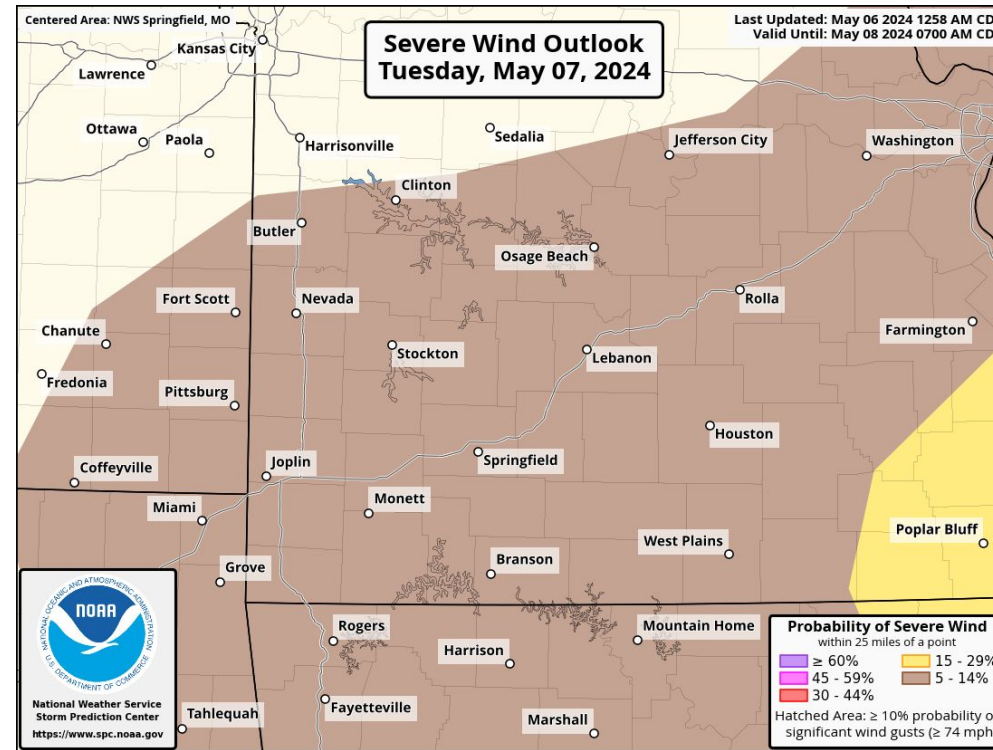
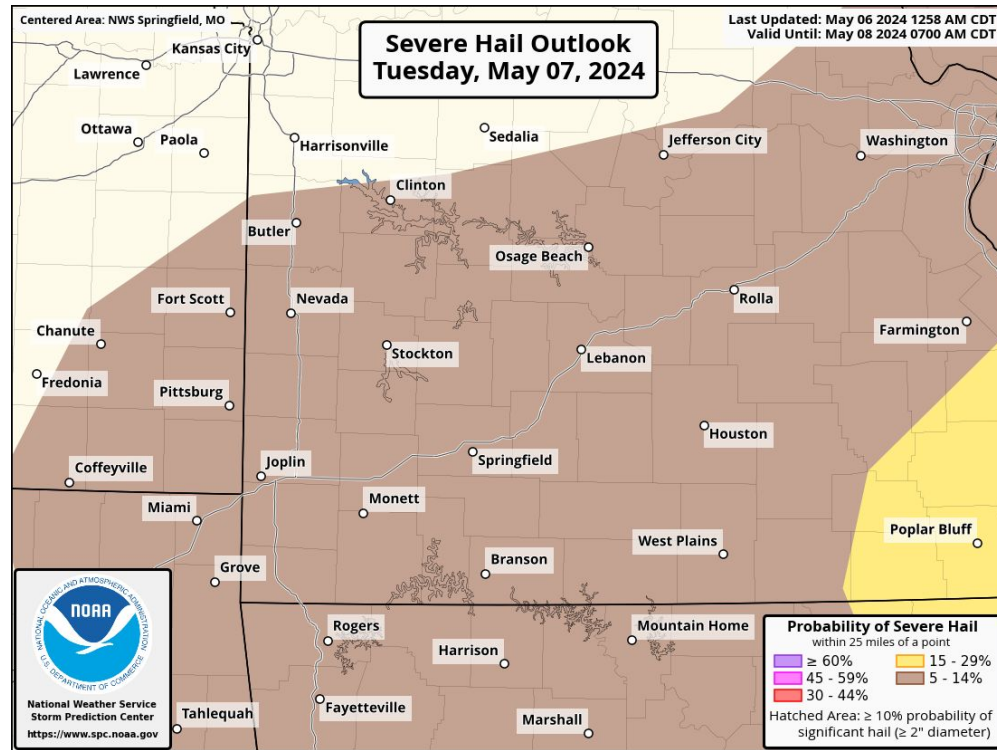
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Primary Hazard is Damaging Wind Gusts

Hail Probability

Wind Probability

Tornado Probability



Nickel to Quarters

60 mph

A Short-lived tornado



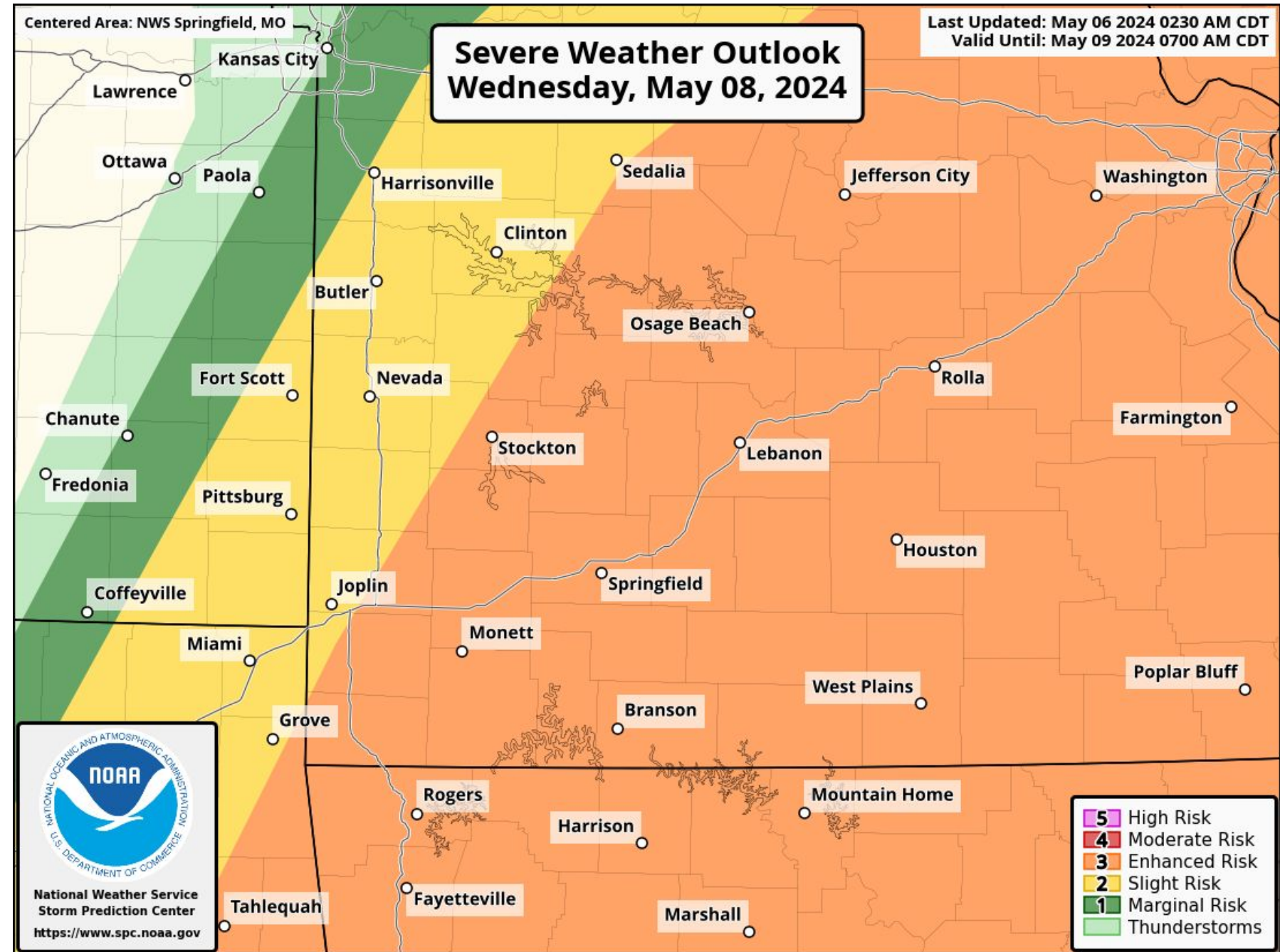
Severe Risk Wednesday

May 6, 2024
5:50 AM

Morning - Evening

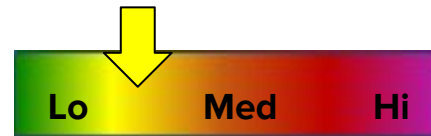
Overview

- A system will move through the region on Wednesday bringing severe thunderstorm chances throughout the day.
- Primary hazard is large hail to very large hail, with additional hazards of damaging wind gusts and tornadoes.

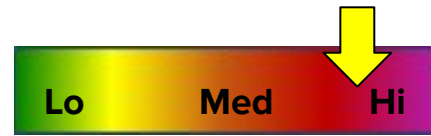


Severe Threats

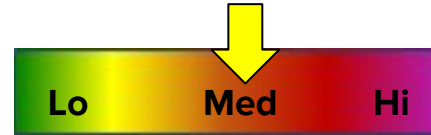
Tornado



Hail



Wind



Flooding





Localized Heavy Rainfall and Flooding

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Through Thursday Morning

What

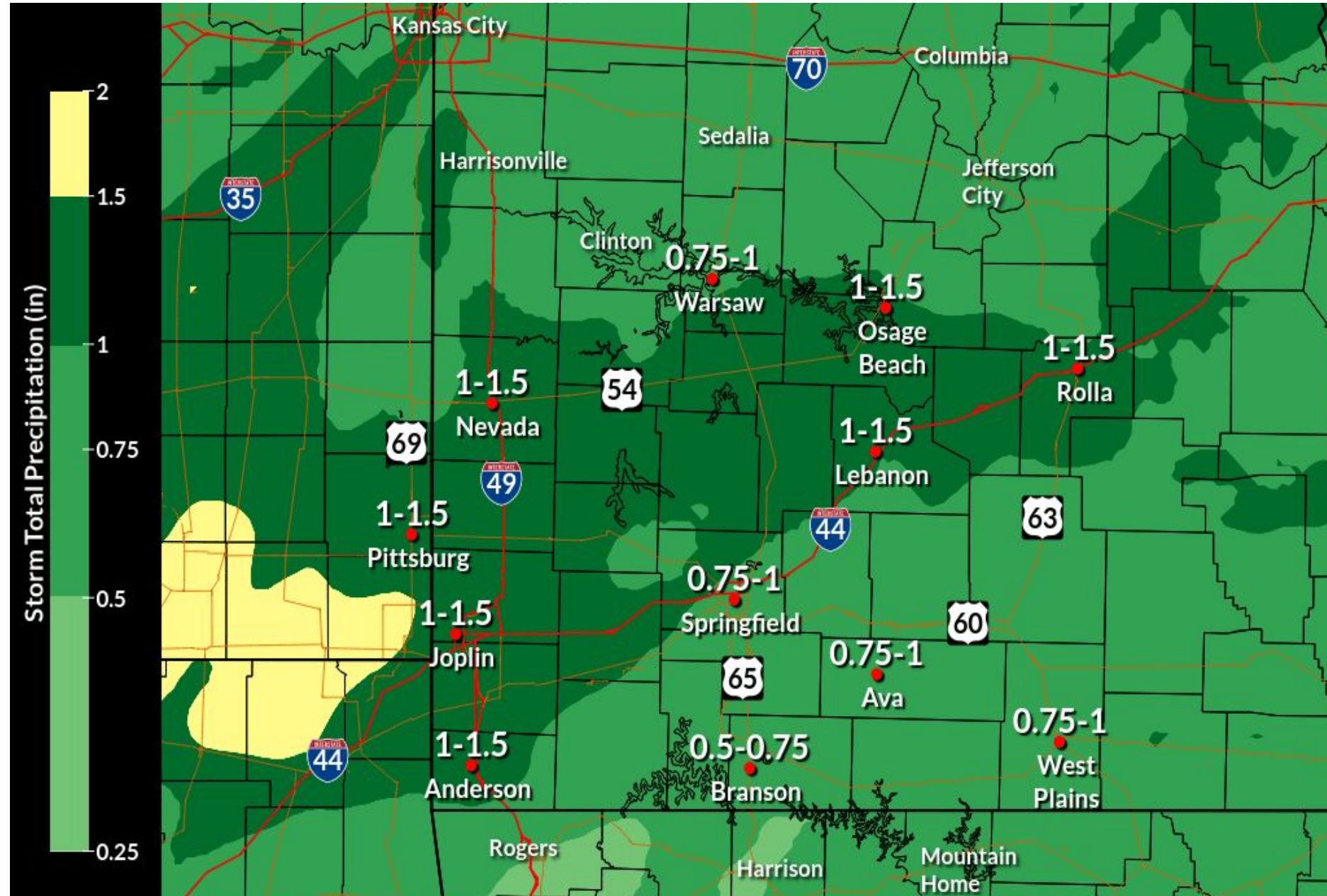
- Localized heavy rainfall and flooding possible through Thursday with multiple rounds of rainfall.

Where

- Highest rainfall amounts are forecast along and north of I-44.

When

- Multiple rounds of rainfall this evening through Thursday morning.



Forecast Rainfall Amounts through Thursday Morning





Confidence and Additional Information

May 6, 2024
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Late Monday Evening - Tuesday Morning

Severe Thunderstorms



Localized Flooding



Timing



Confidence Details

- High confidence that one or more line(s) of thunderstorms will move through the area late Monday evening into Tuesday morning.
- High confidence in the primary risk being damaging wind gusts, with a lower risk for severe hail and short-lived tornadoes.
- Medium to high confidence in the timing of when the line begins to push through our area.
- Low confidence in the potential for heavier rainfall amounts and localized flooding.



Wednesday

Severe Thunderstorms



Localized Flooding



Timing



Confidence Details

- Lowest confidence is in the severe threat in the morning.
- High confidence in the primary risk being large hail to very large hail in the afternoon and evening.
- Medium to confidence in the timing of when storms initiate.
- Low confidence in the potential for heavier rainfall amounts and localized flooding.



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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