



# Potential for Severe Weather this Week

May 6, 2024  
2:28 PM

## Key Messages

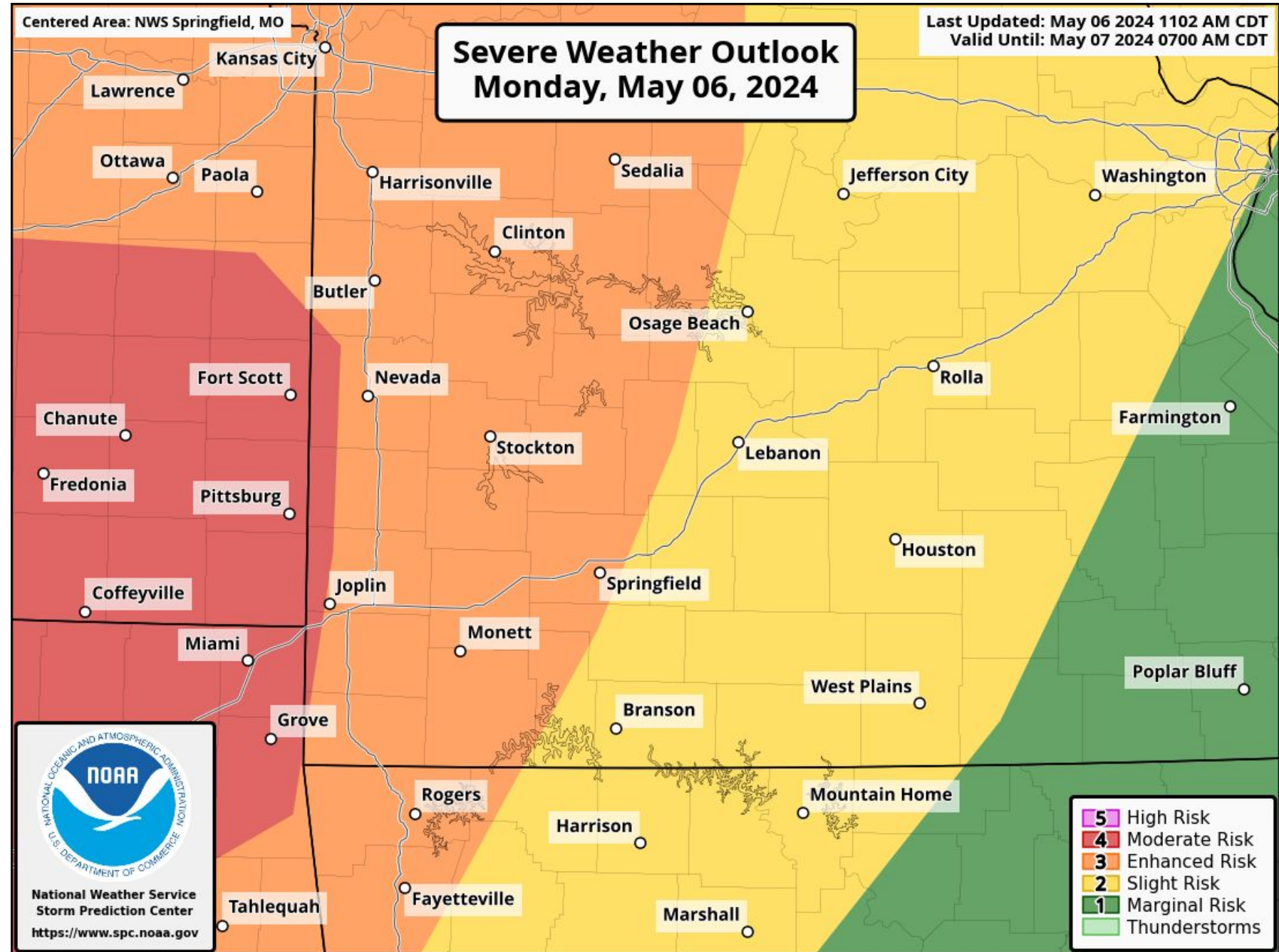
- Moderate (4 out of 5) and Enhanced Risk (3 out of 5) for severe thunderstorms this evening into Tuesday morning.
- Additional risk for severe thunderstorms on Wednesday.
- Low risk for localized heavy rainfall and flooding.

## NEW Important Updates

- SPC upgraded the severe risk for tonight to Moderate (4 out of 5) west of Interstate 49.

## Next Scheduled Briefing

- Tuesday Morning by 6 AM





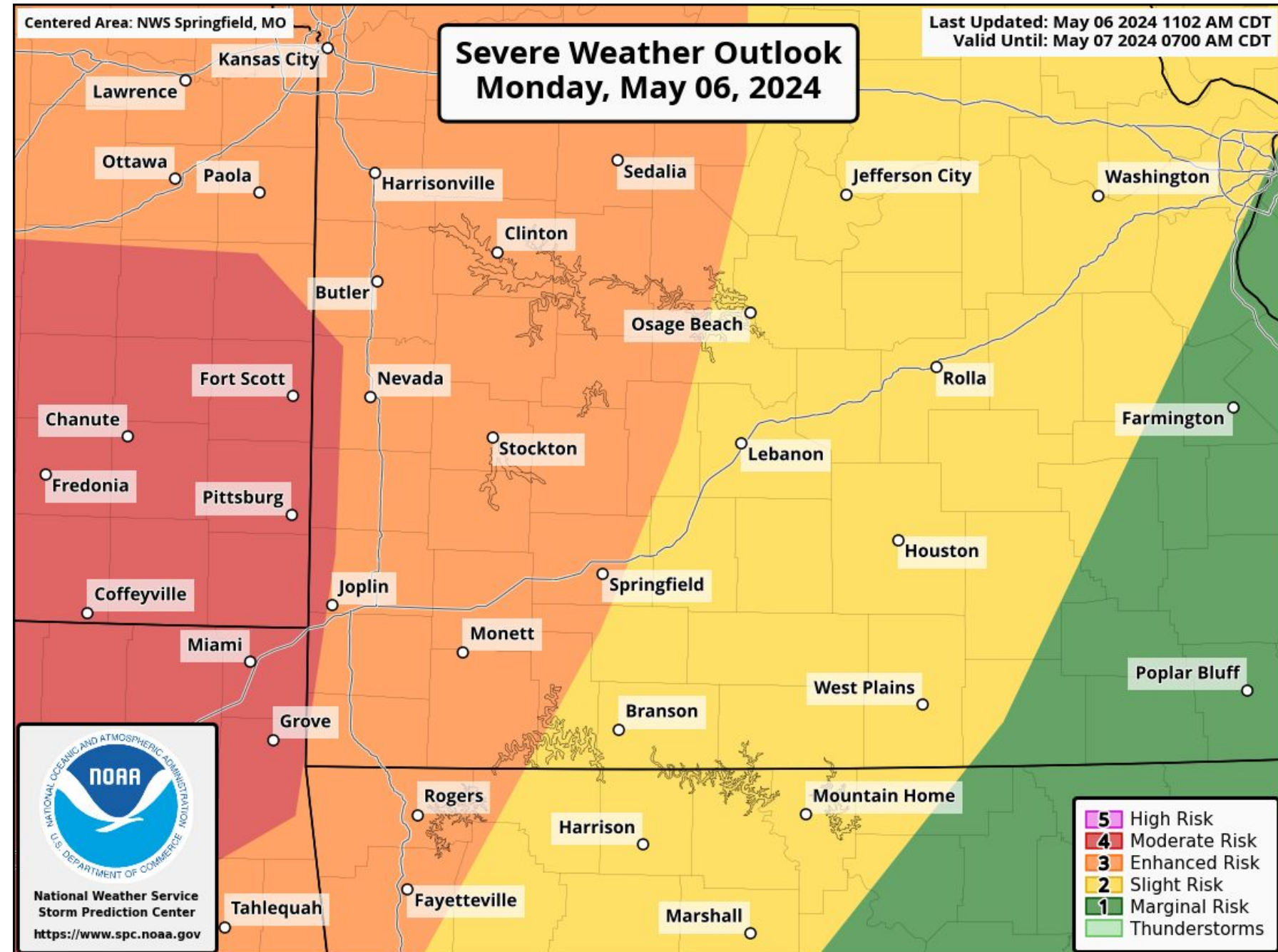
# Severe Risk Late Evening/Tonight

May 6, 2024  
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This Evening - Tuesday Morning

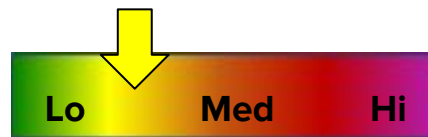
## Overview

- 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.

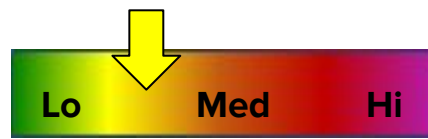


Severe Threats

Tornado



Hail



Wind



Flooding





# Severe Hazard Probabilities

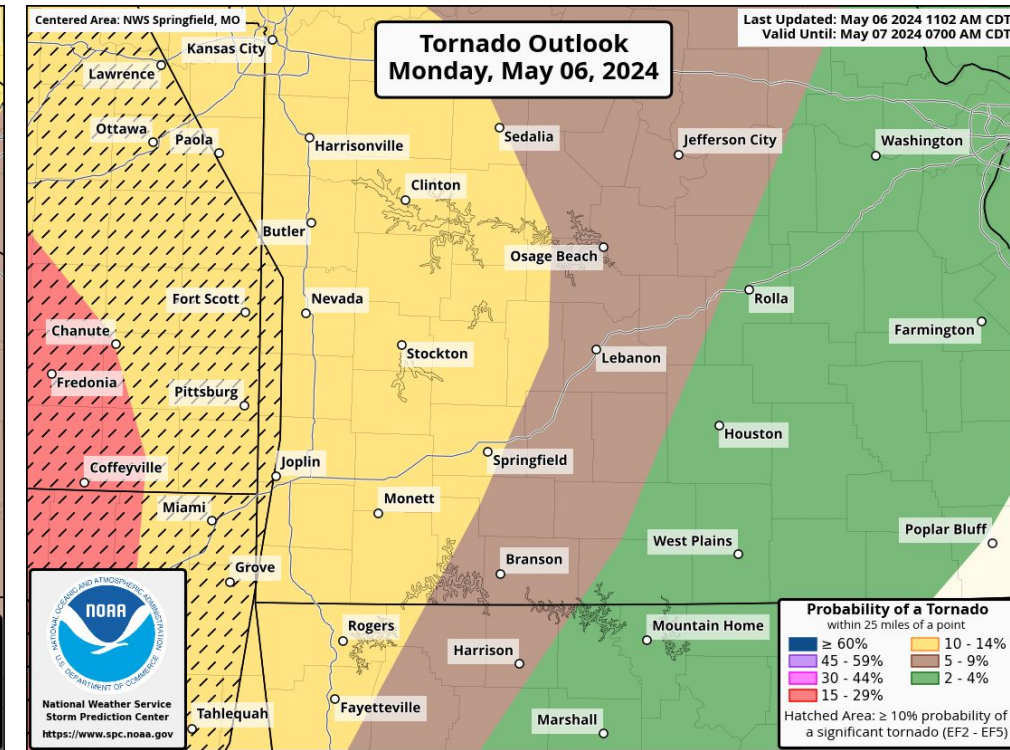
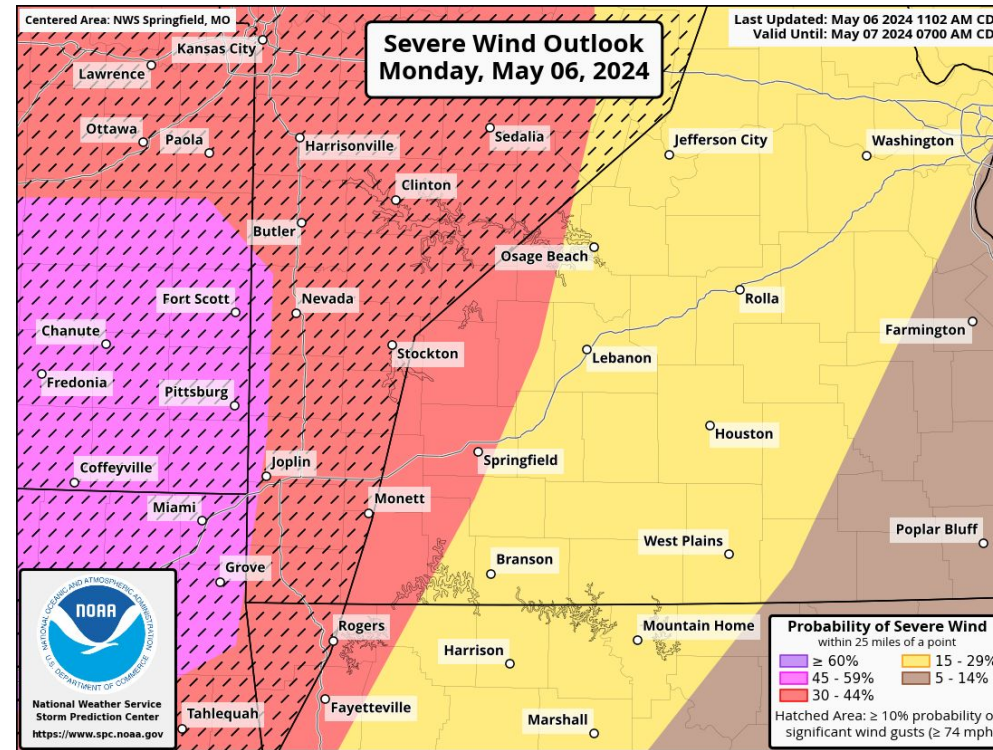
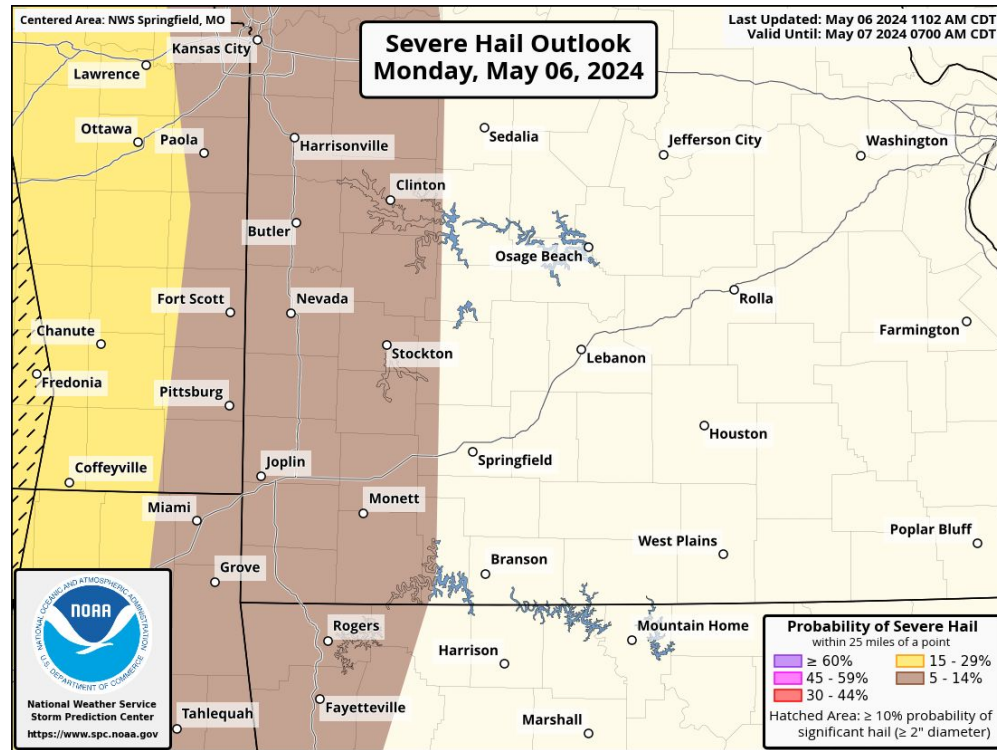
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Primary Hazard is Damaging Wind Gusts

## Hail Probability

## Wind Probability

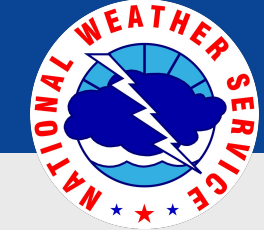
## Tornado Probability



Half Dollar Sized

60 to 80 MPH

Few Short-lived tornadoes



# Timeline of Severe Thunderstorms Tonight

May 6, 2024  
2:28 PM

Highest Risk is along and West of Highway 65

## Large Hail



up to Half Dollars

## Damaging Winds



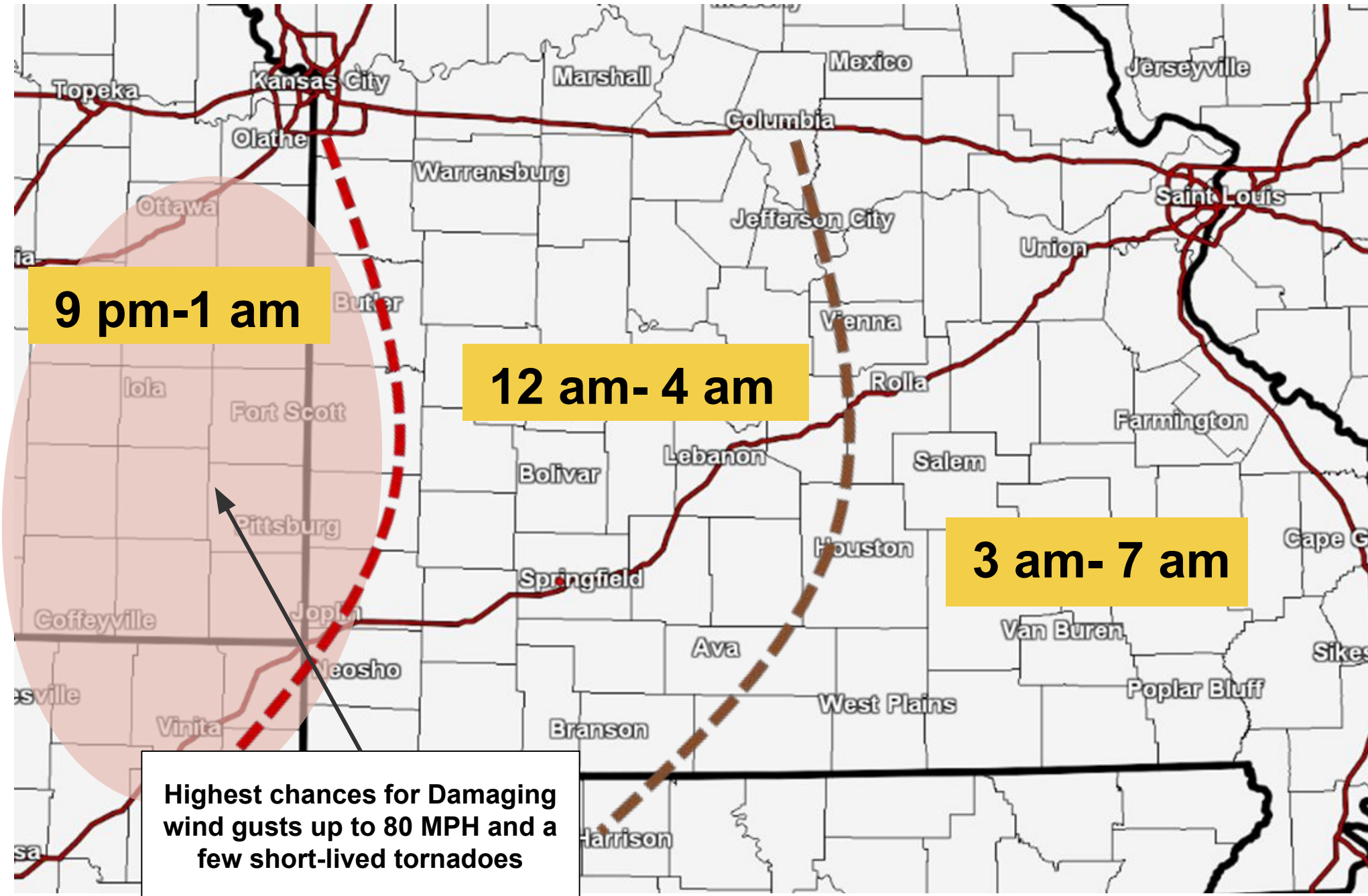
60 to 80 MPH

## Tornadoes



Few short-lived tornadoes

**Have multiple ways to receive warnings and remain Weather Aware!**

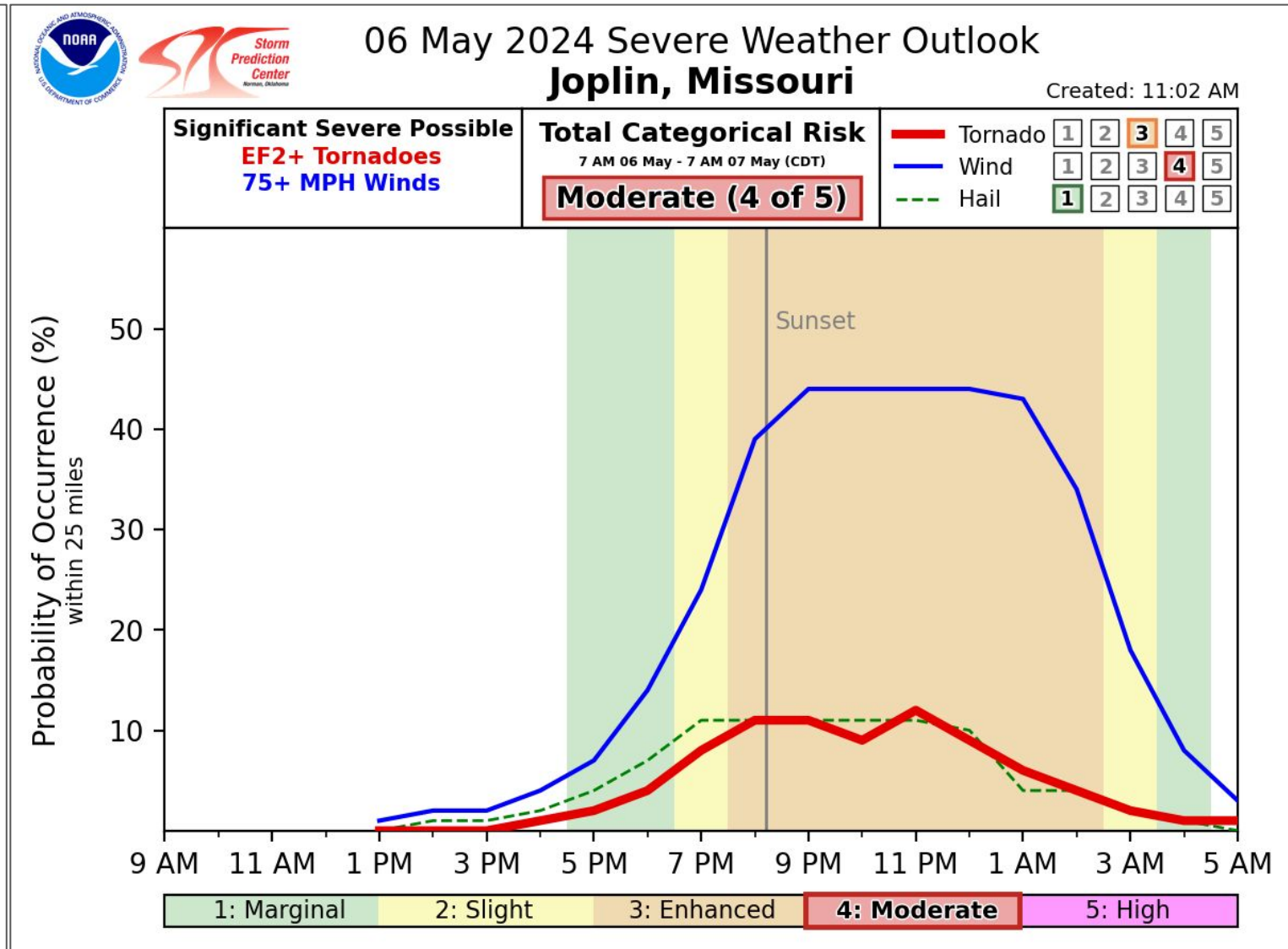
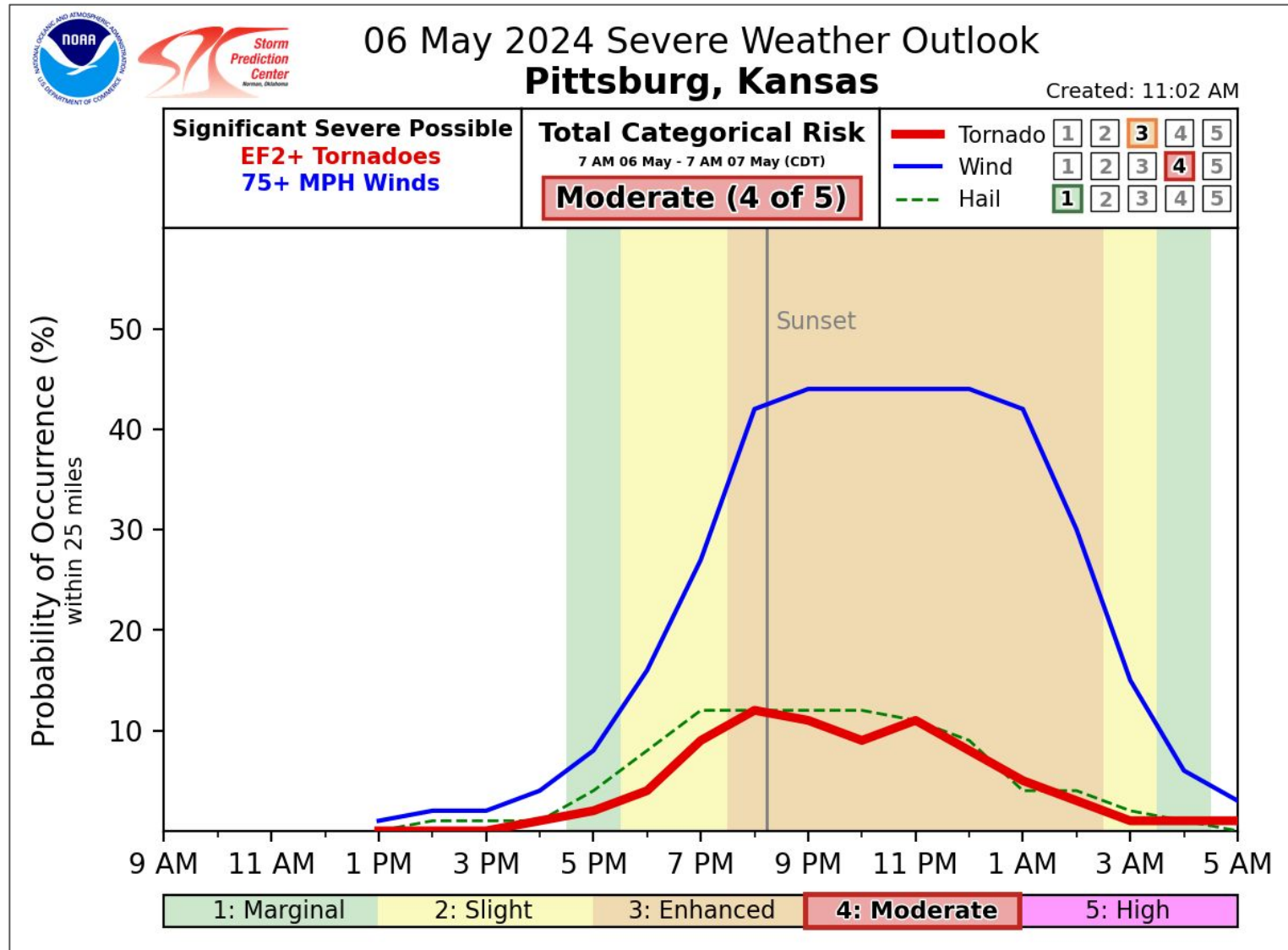




# Severe Hazard Timing Graphics

May 6, 2024  
2:28 PM

This Evening - Tuesday Morning

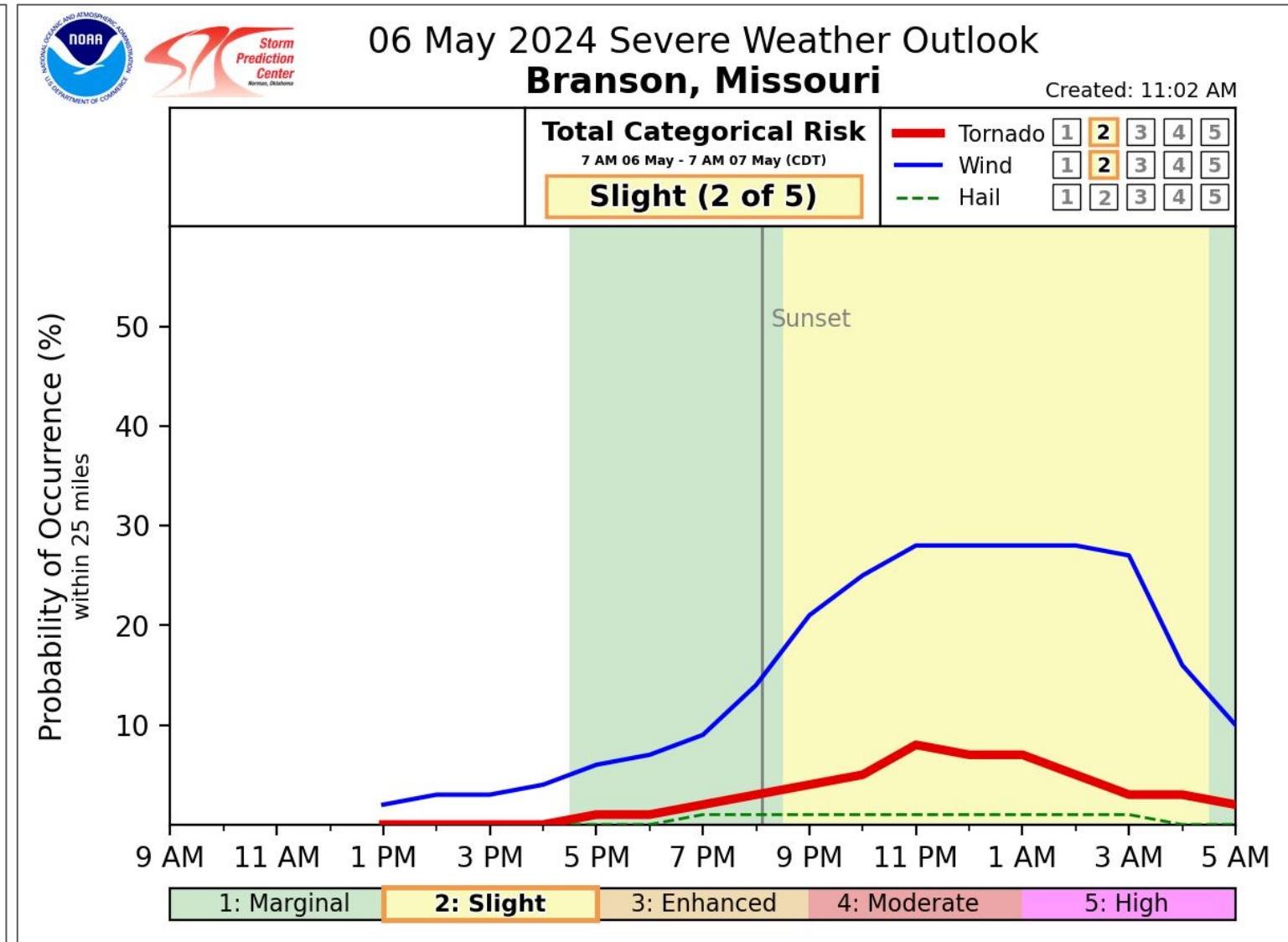
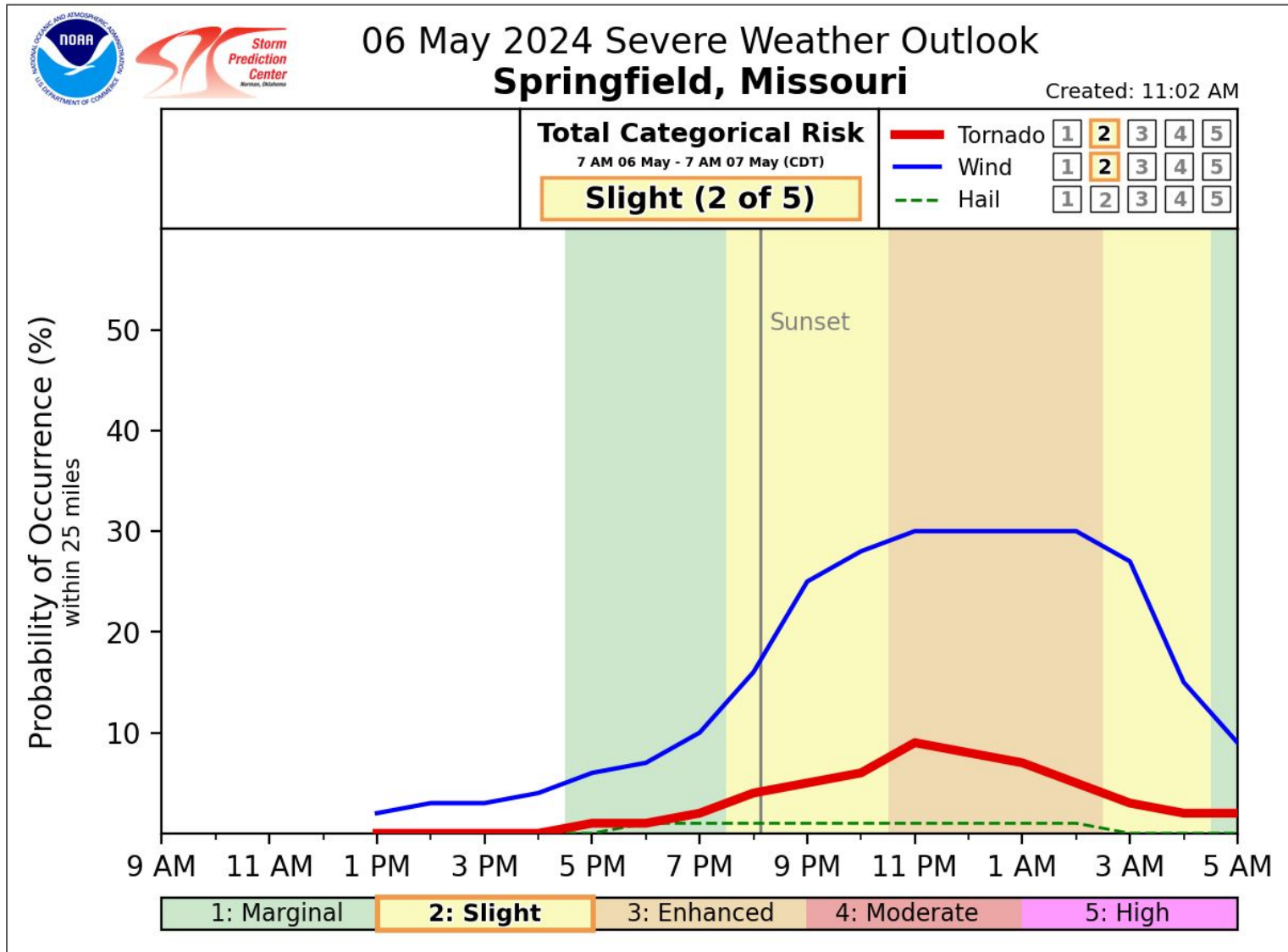




# Severe Hazard Timing Graphics

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This Evening - Tuesday Morning

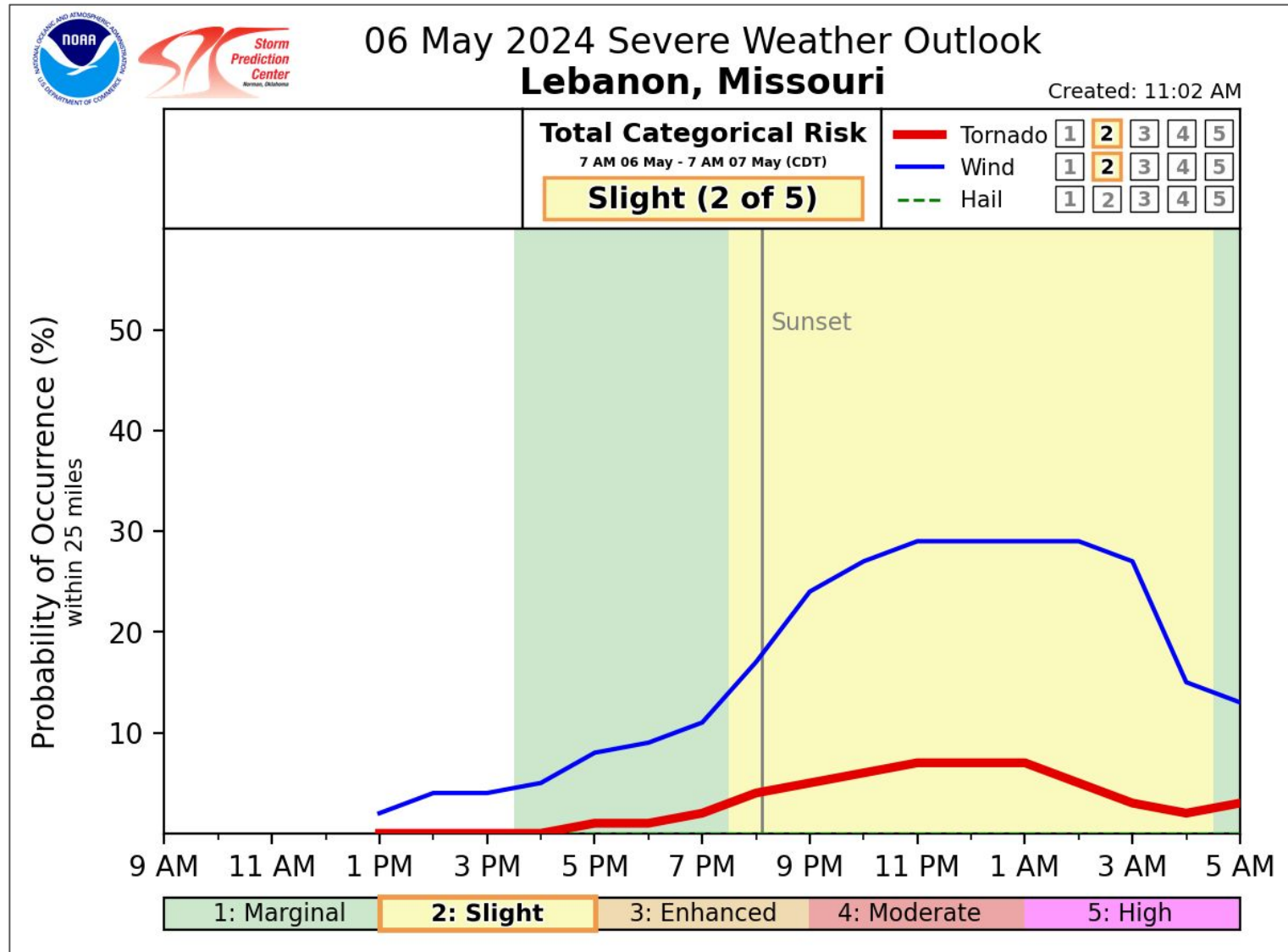
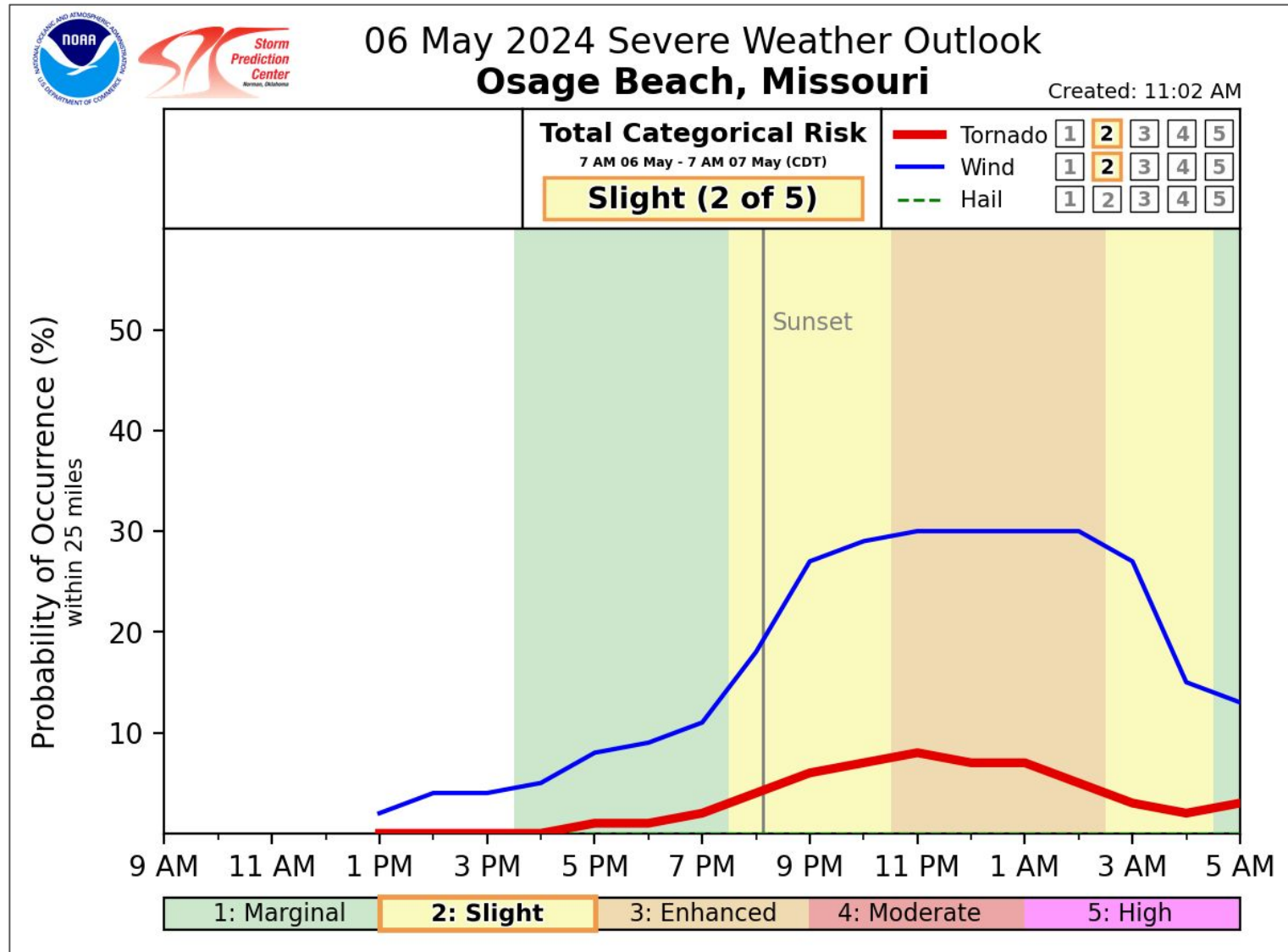




# Severe Hazard Timing Graphics

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This Evening - Tuesday Morning

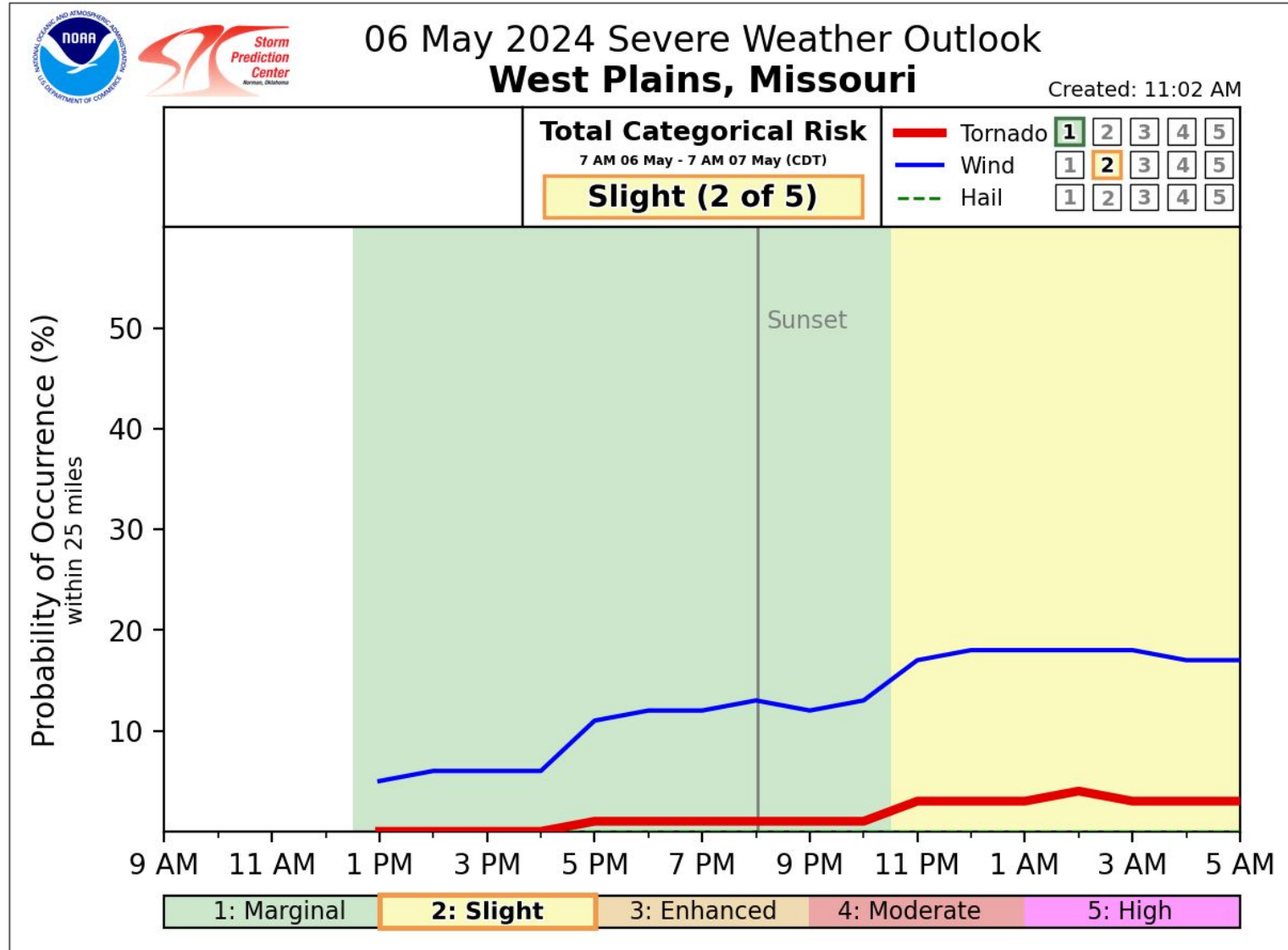
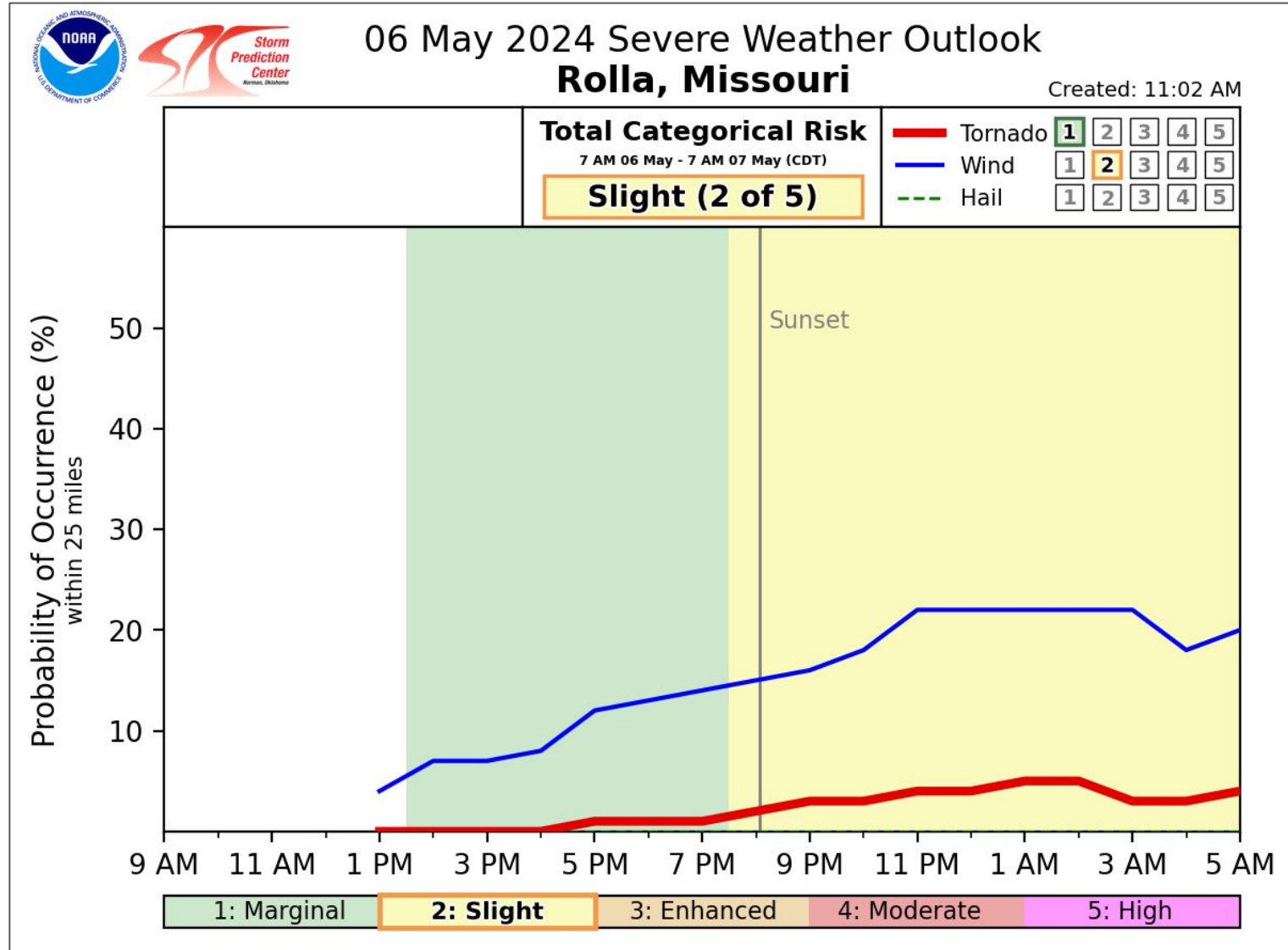




# Severe Hazard Timing Graphics

May 6, 2024  
2:28 PM

This Evening - Tuesday Morning







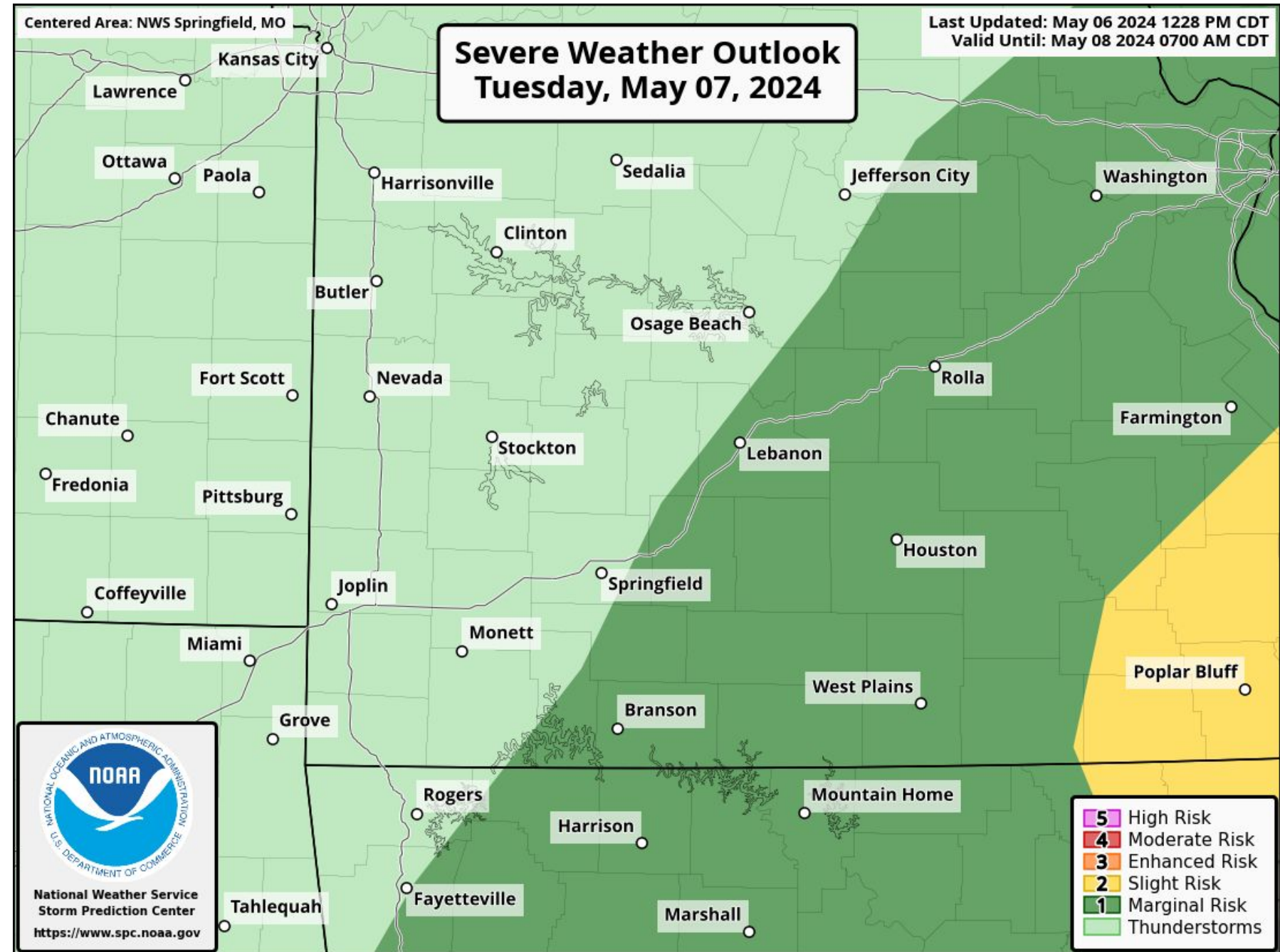
# Severe Risk Tuesday Morning

May 6, 2024  
2:28 PM

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



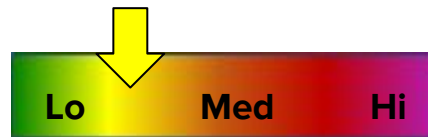
**Tornado**



**Hail**



**Wind**



**Flooding**





# Severe Hazard Probabilities Early Tue

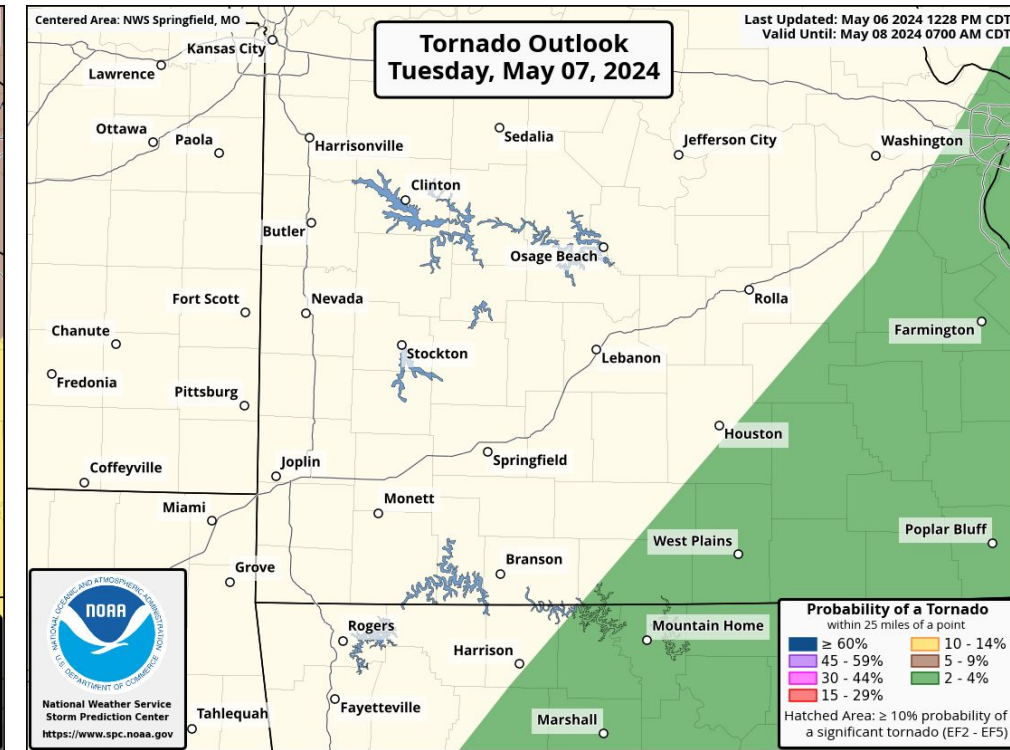
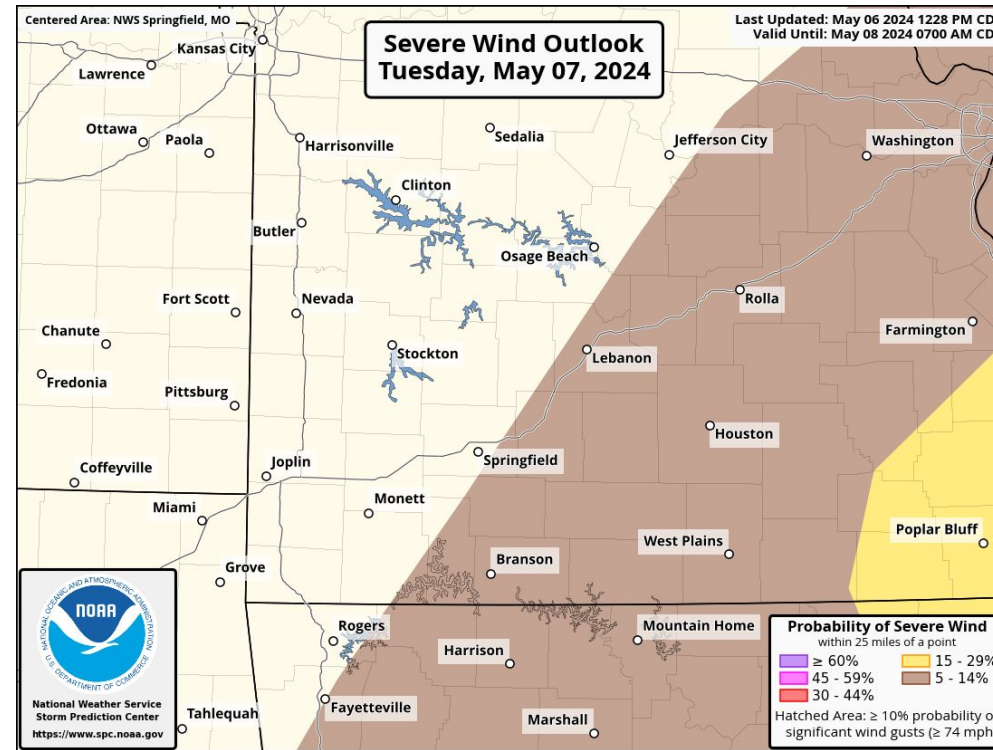
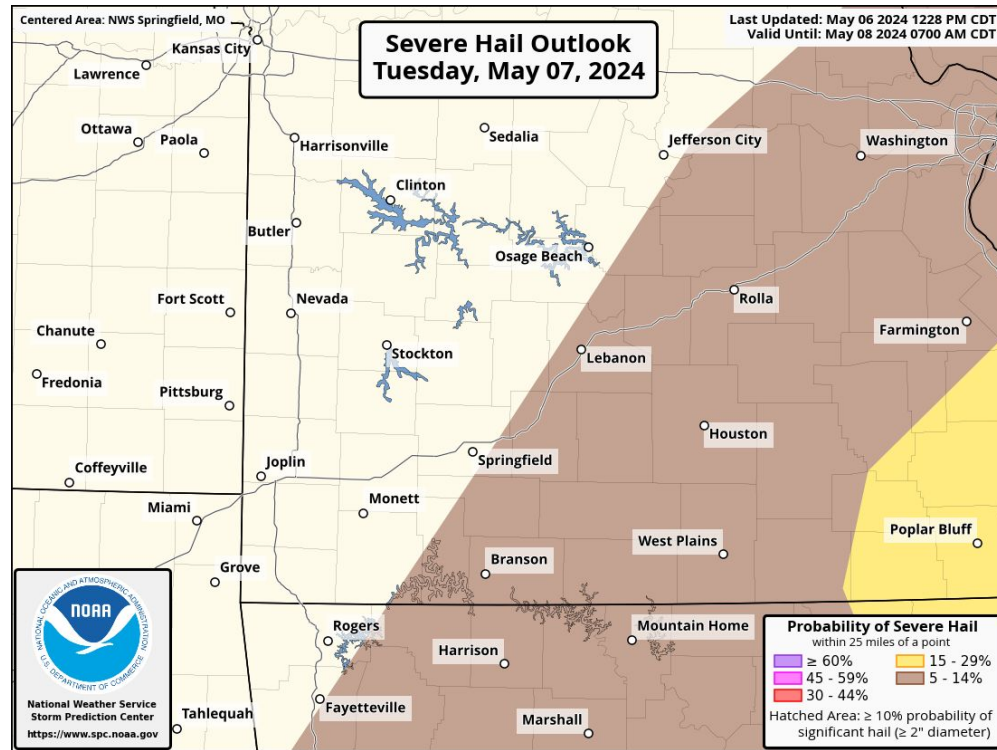
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Primary Hazard is Damaging Wind Gusts

## Hail Probability

## Wind Probability

## Tornado Probability



Nickel to Quarters

60 MPH

A Short-lived tornado



# Localized Heavy Rainfall and Flooding

May 6, 2024  
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Through Tuesday

## What

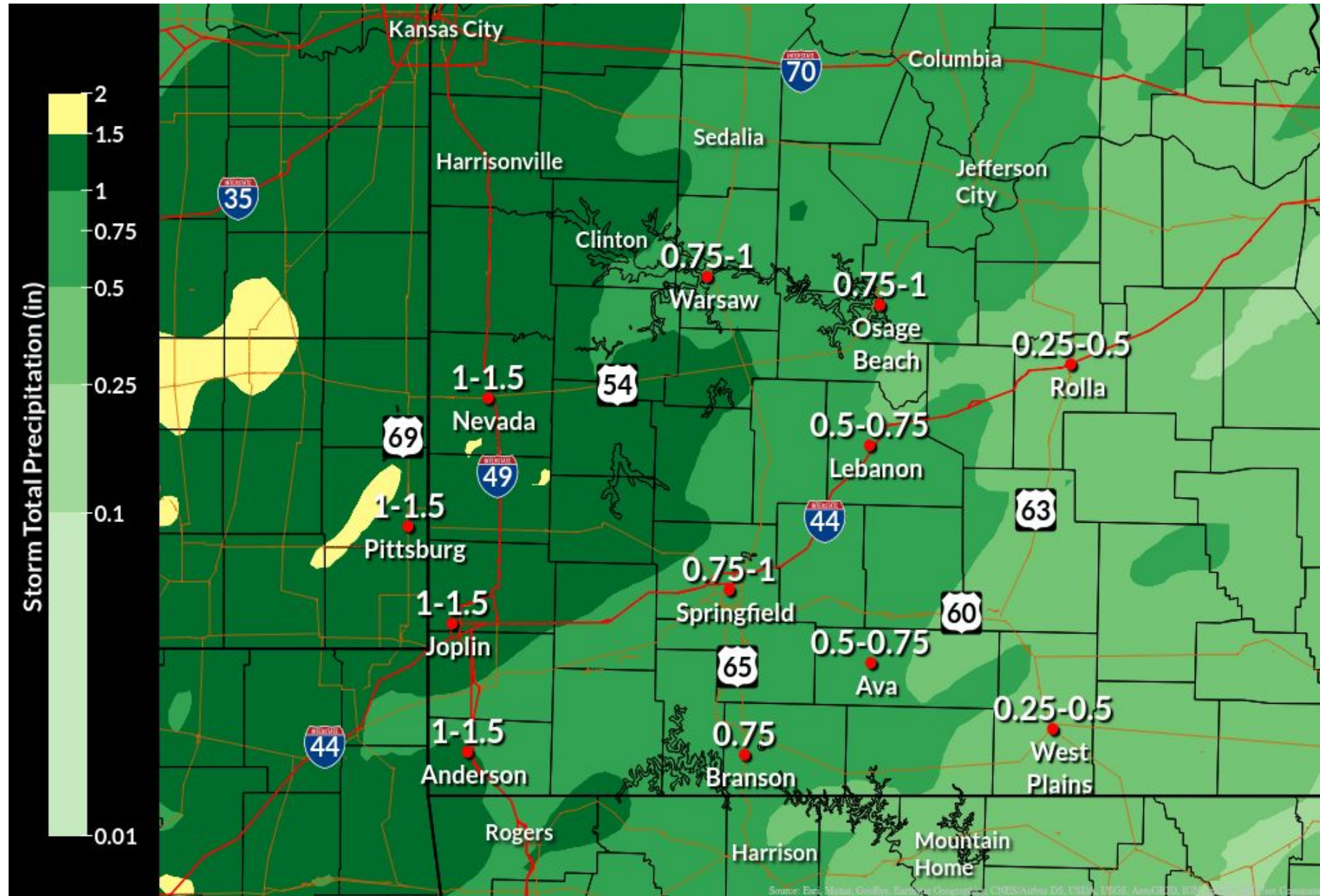
- Localized heavy rainfall and flooding possible through Tuesday, with 1-1.5 inches of rain and localized higher amounts.

## Where

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

## When

- Through Tuesday. More rainfall is then expected Wednesday and Thursday.



Forecast Rainfall Amounts through Tuesday



# Confidence and Additional Information

May 6, 2024  
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Late This 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 this 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.



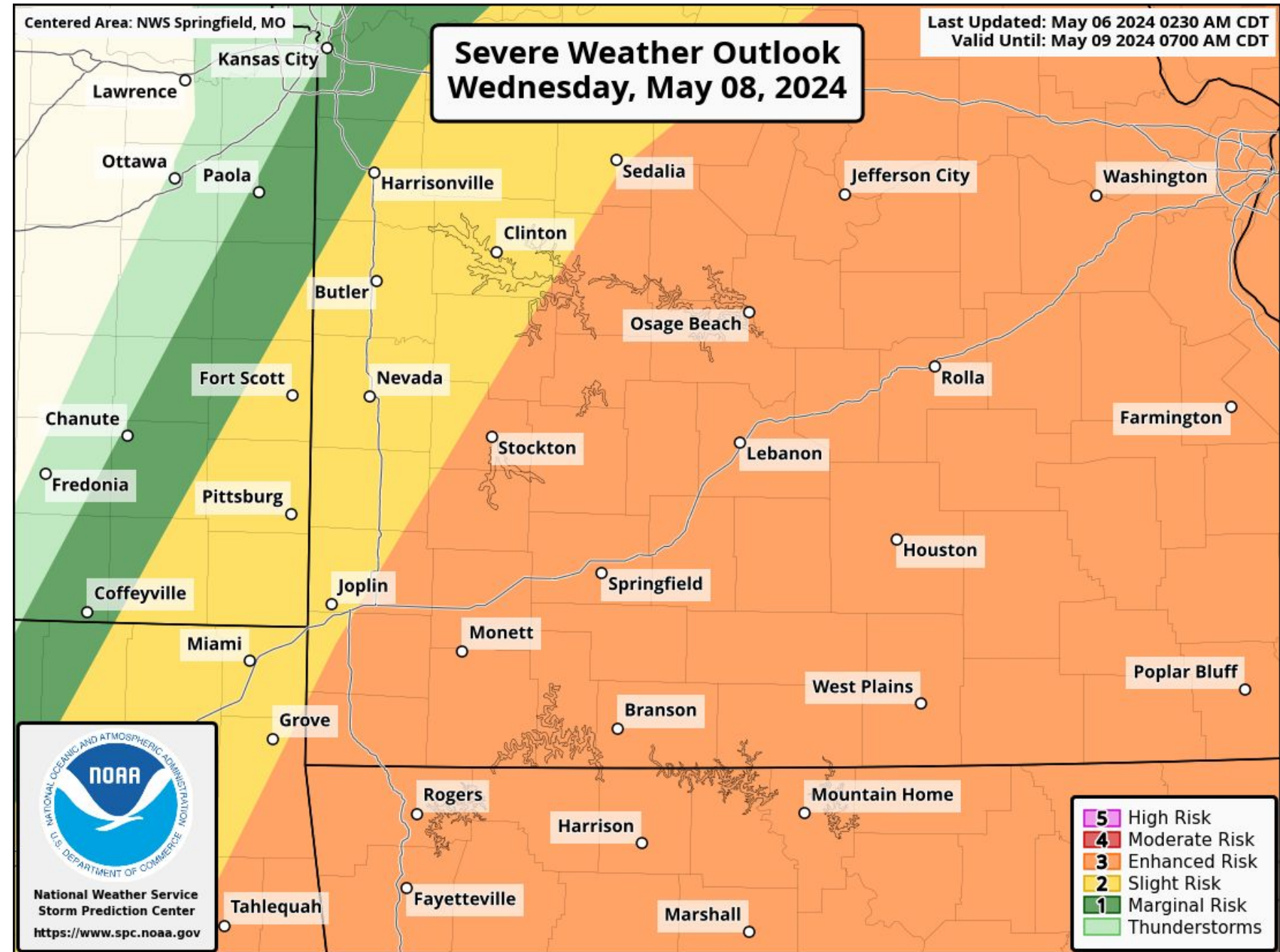
# Severe Risk Wednesday

May 6, 2024  
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Morning - Evening

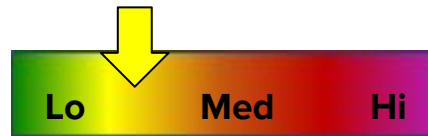
## Overview

- 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.

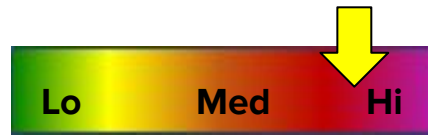


Severe Threats

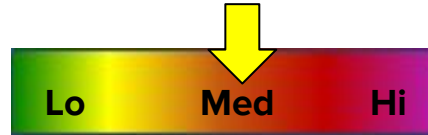
Tornado



Hail



Wind



Flooding





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](#)



**WHEN STORMS STRIKE AFTER DARK**  
How Will **You** Get the Warning?

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