



# Severe and Flood Threats Tonight

April 17, 2026  
5:00 AM

## Potential for Severe Thunderstorms and Localized Heavy Rainfall

### Key Messages

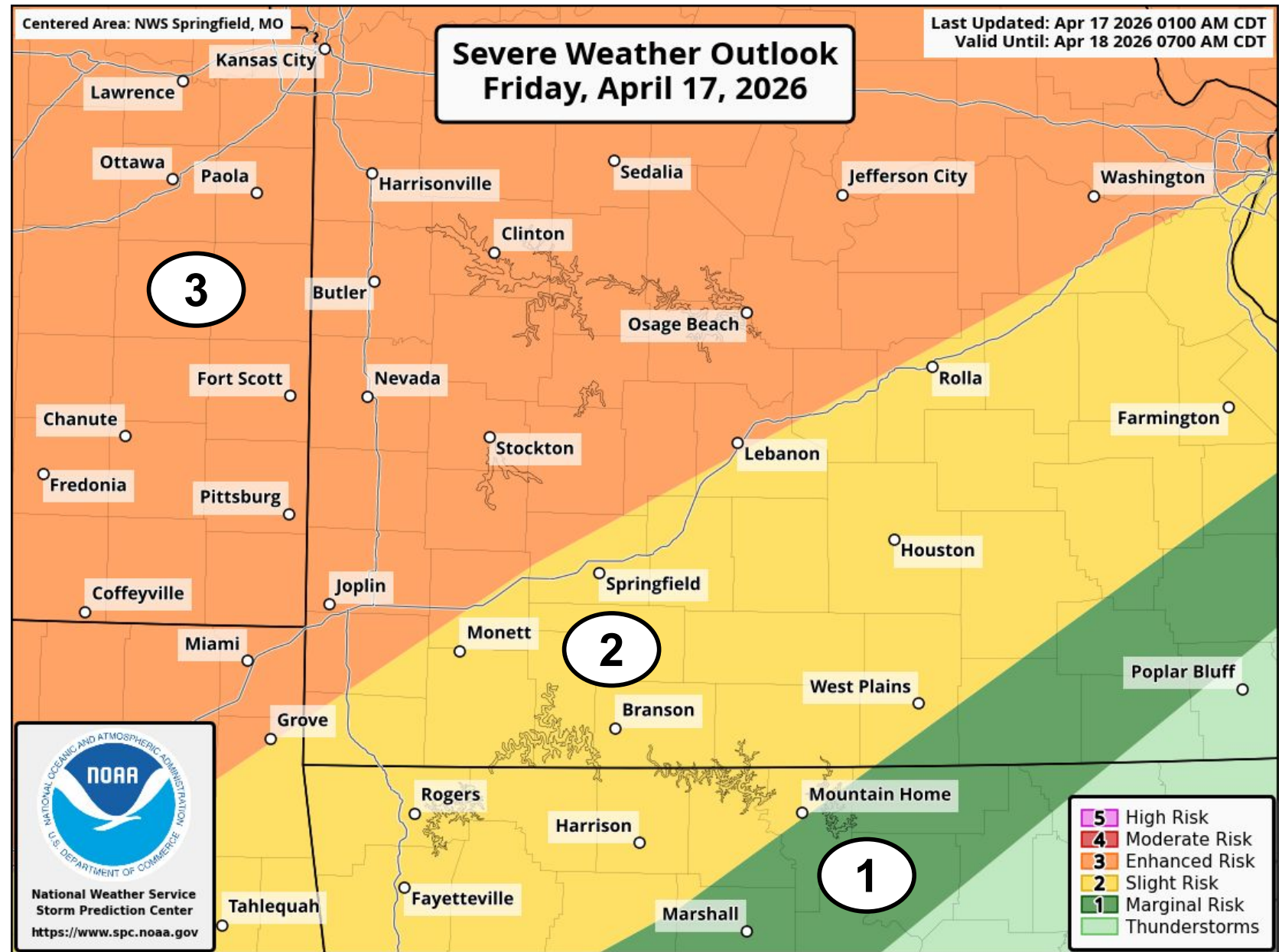
- Thunderstorms expected Friday evening through early Saturday morning with an **Enhanced** (level 3 of 5) Risk of severe thunderstorms along and northwest of the Interstate 44 corridor.
- Large hail to the size of golf balls, damaging winds of 70-80 mph and tornadoes will all be a concern, especially in the enhanced risk area. The most prominent/likely hazard for the event looks to be damaging winds.
- Heavy rainfall Friday night could lead to additional flooding, especially along and northwest of I-44.

### **NEW** Important Updates

- Flood Watch issued
- Updated severe timing and hazards

### Next Scheduled Briefing

- This afternoon or as needed.





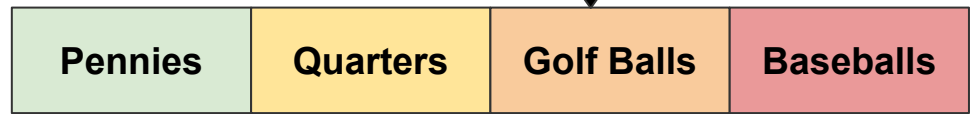
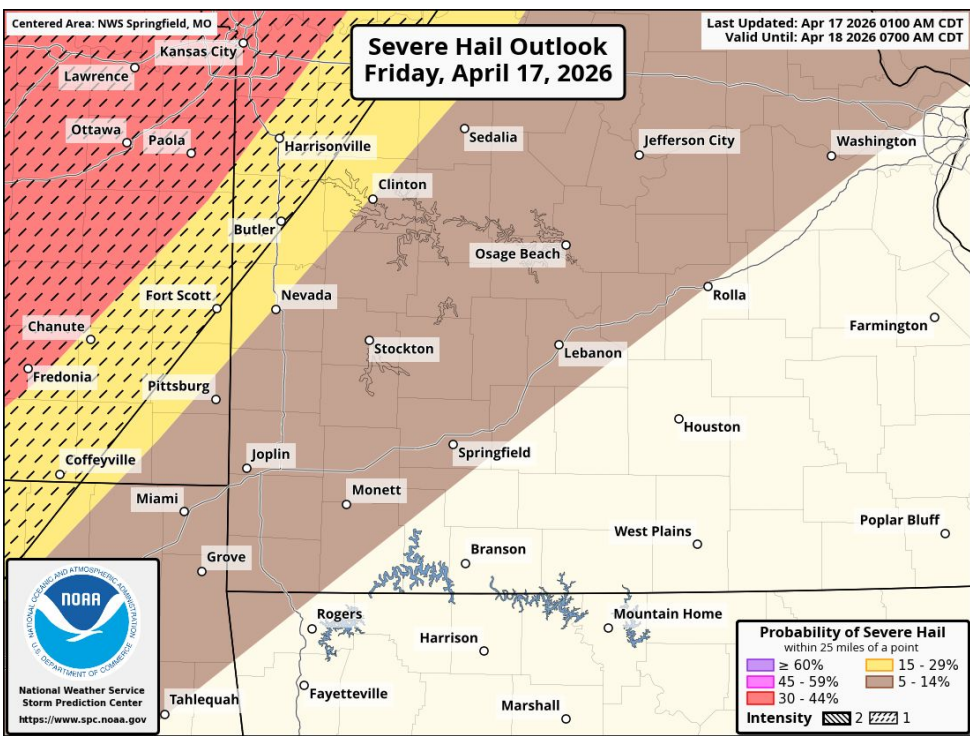
# Hazard Probabilities Today - Tonight

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Primary Hazard is Damaging Wind Gusts



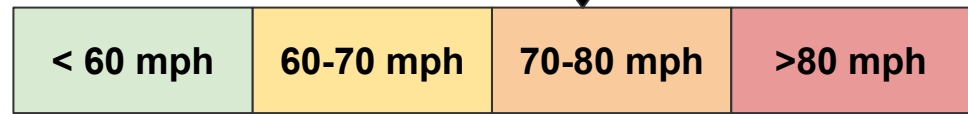
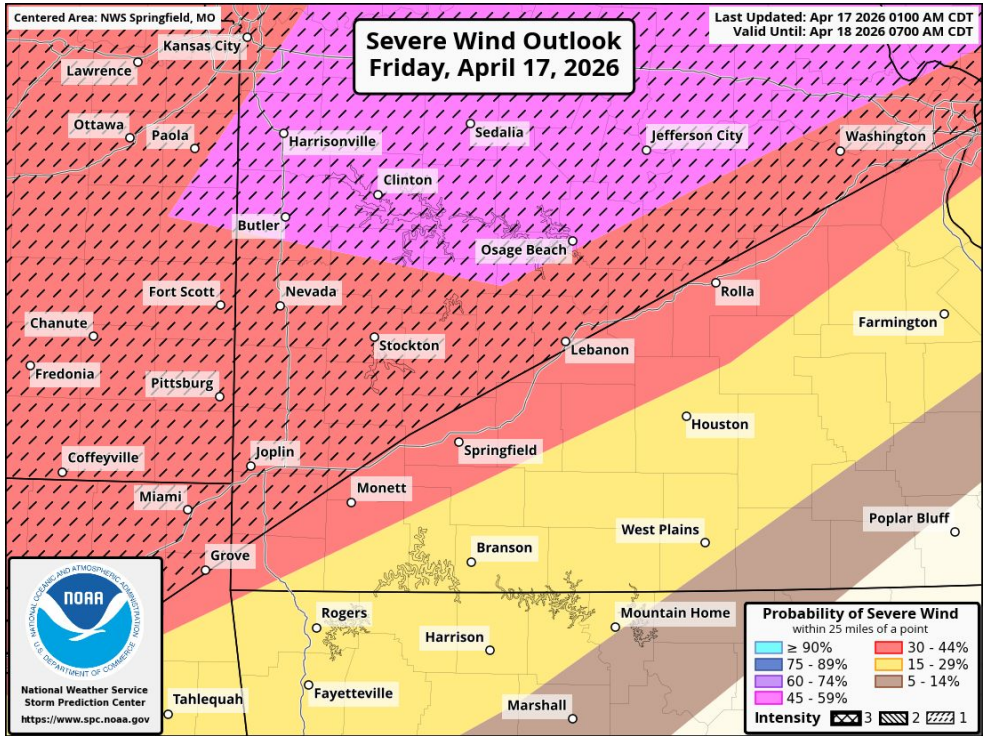
## Hail Probability



Hail threat decreases drastically across southern Missouri



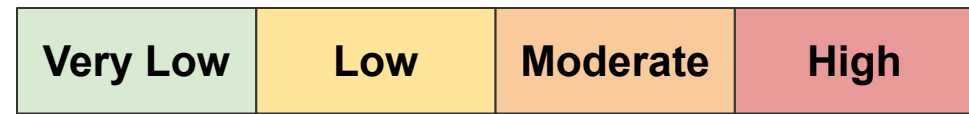
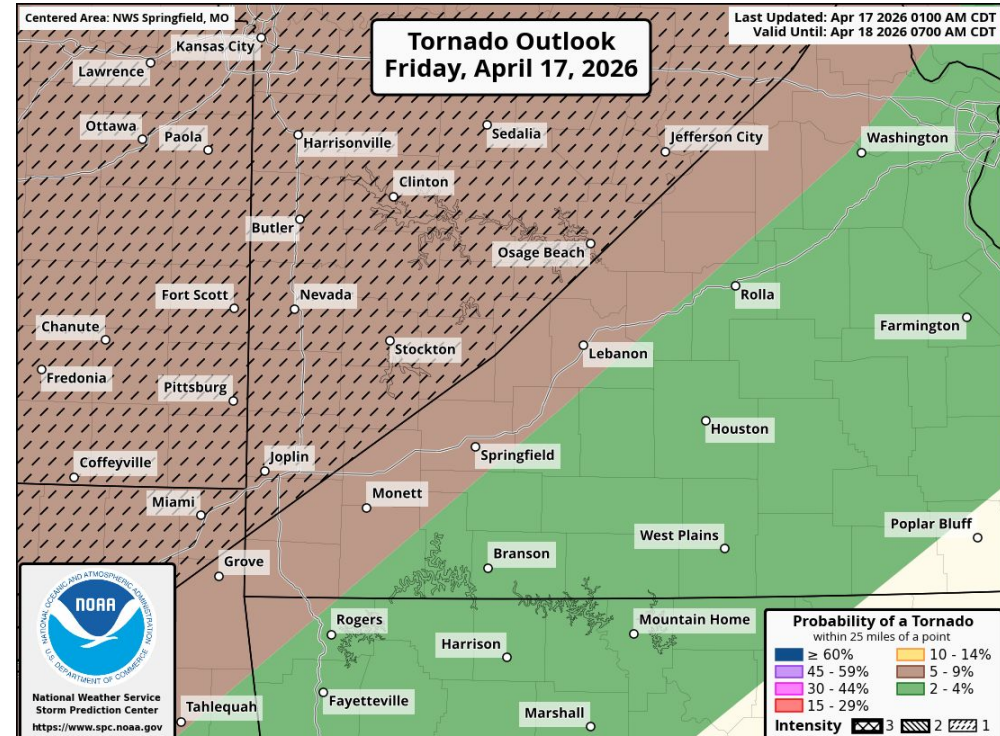
## Wind Probability



Highest wind potential across Truman Lake/Lake of the Ozarks



## Tornado Probability



Strong tornado potential (EF2) in the conditional intensity hatched area



# Timing of Thunderstorms Tonight

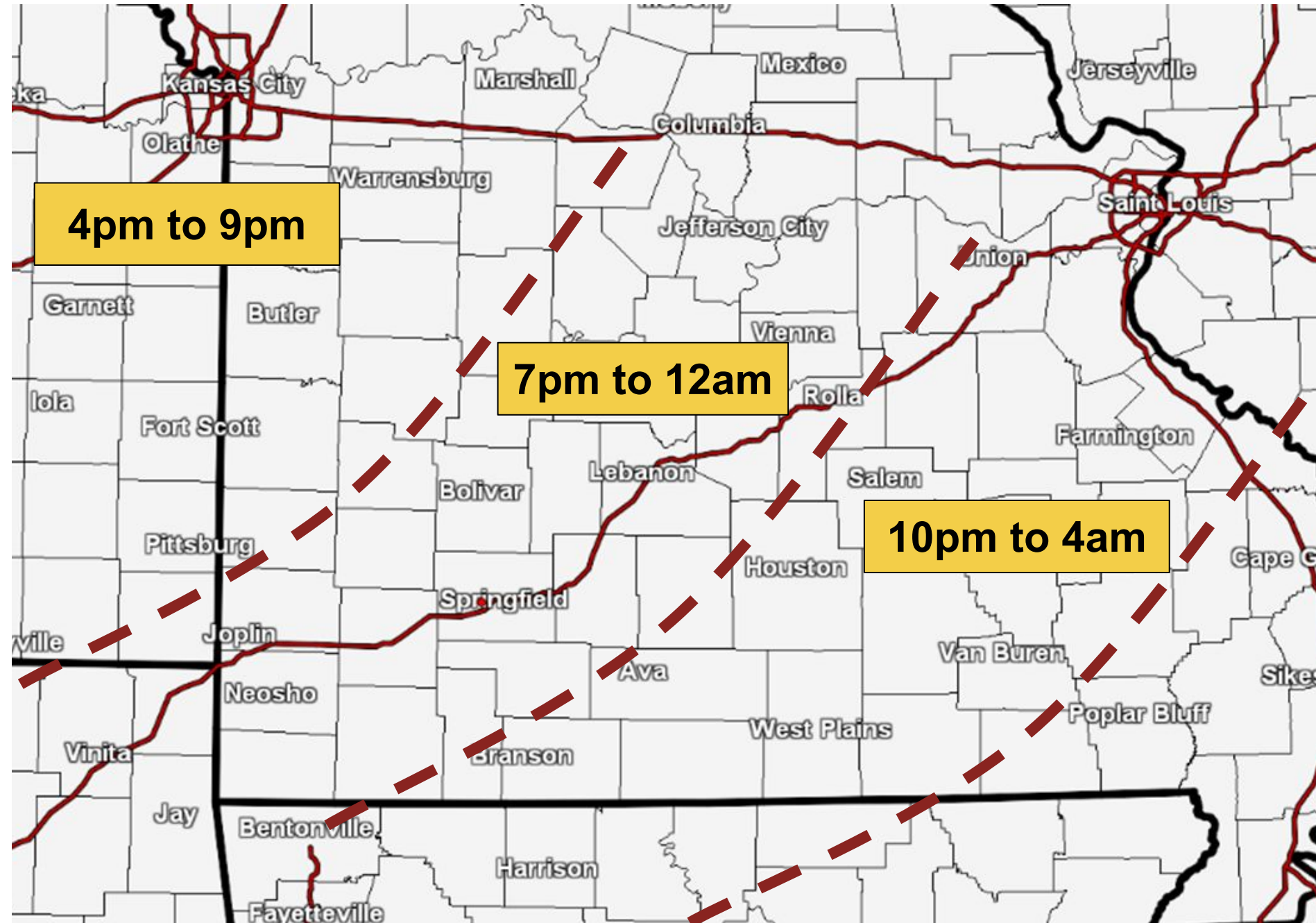
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## Estimated time windows

**4 pm - 9 pm:** Supercells are most favored along and west Interstate 49.  
*Hazards:* Damaging wind gusts up to 80 mph. Large hail up to golf balls. A strong tornado or two.

**7 pm - 12 am:** Supercells transition to line segments as it approaches the Interstate 44 corridor.  
*Hazards:* Damaging wind gusts up to 80 mph. Large hail up to ping pong balls. A few tornadoes.

**10 pm - 4 am:** A line of thunderstorms continues to move southeast and weaken.  
*Hazards:* Damaging wind gusts up to 60 mph. Large hail up to quarters. A brief tornado possible.





# Timeline of Severe Weather Outlooks

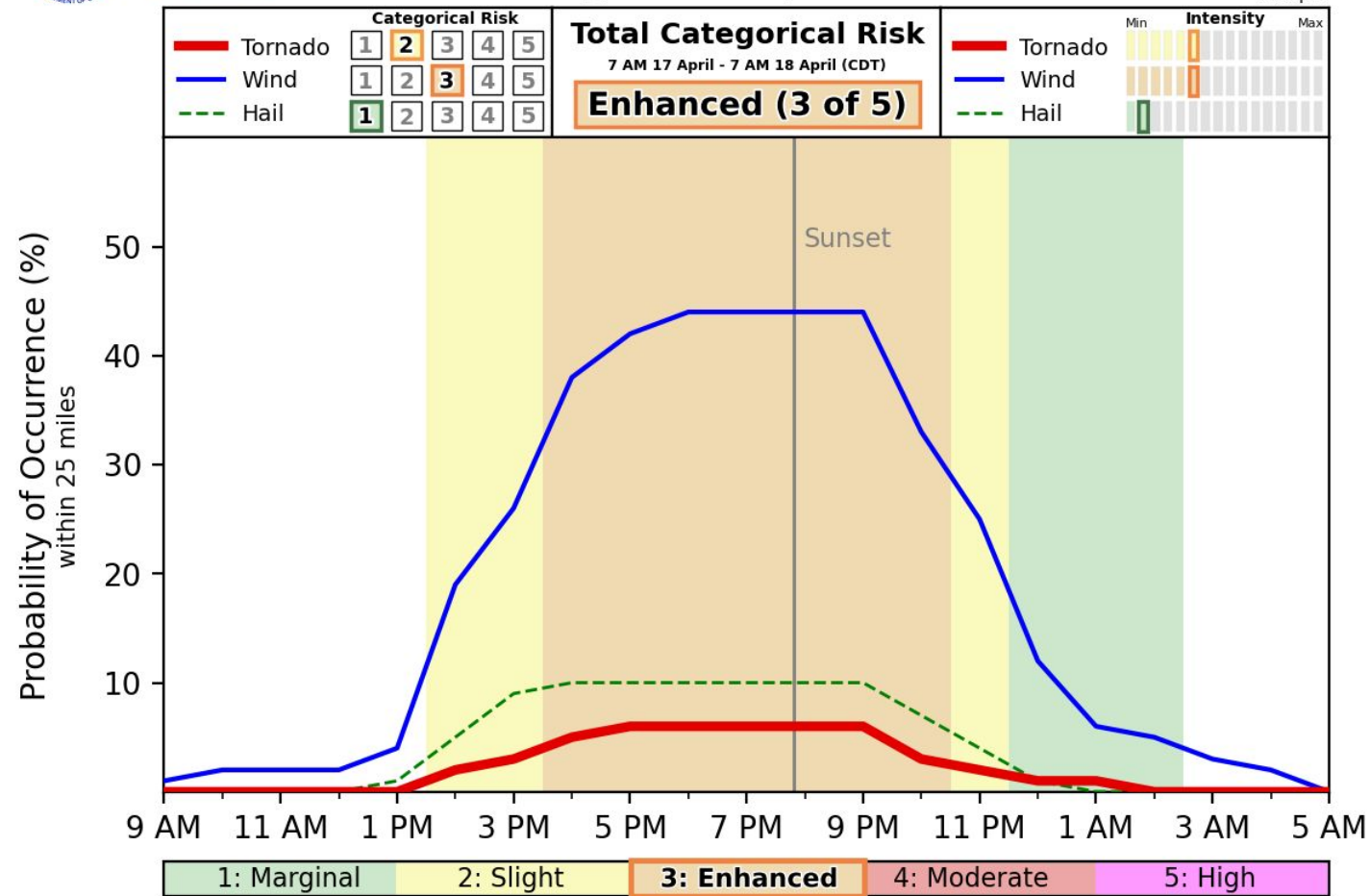
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[Timing Graphics Link](#) → Find your nearest location here



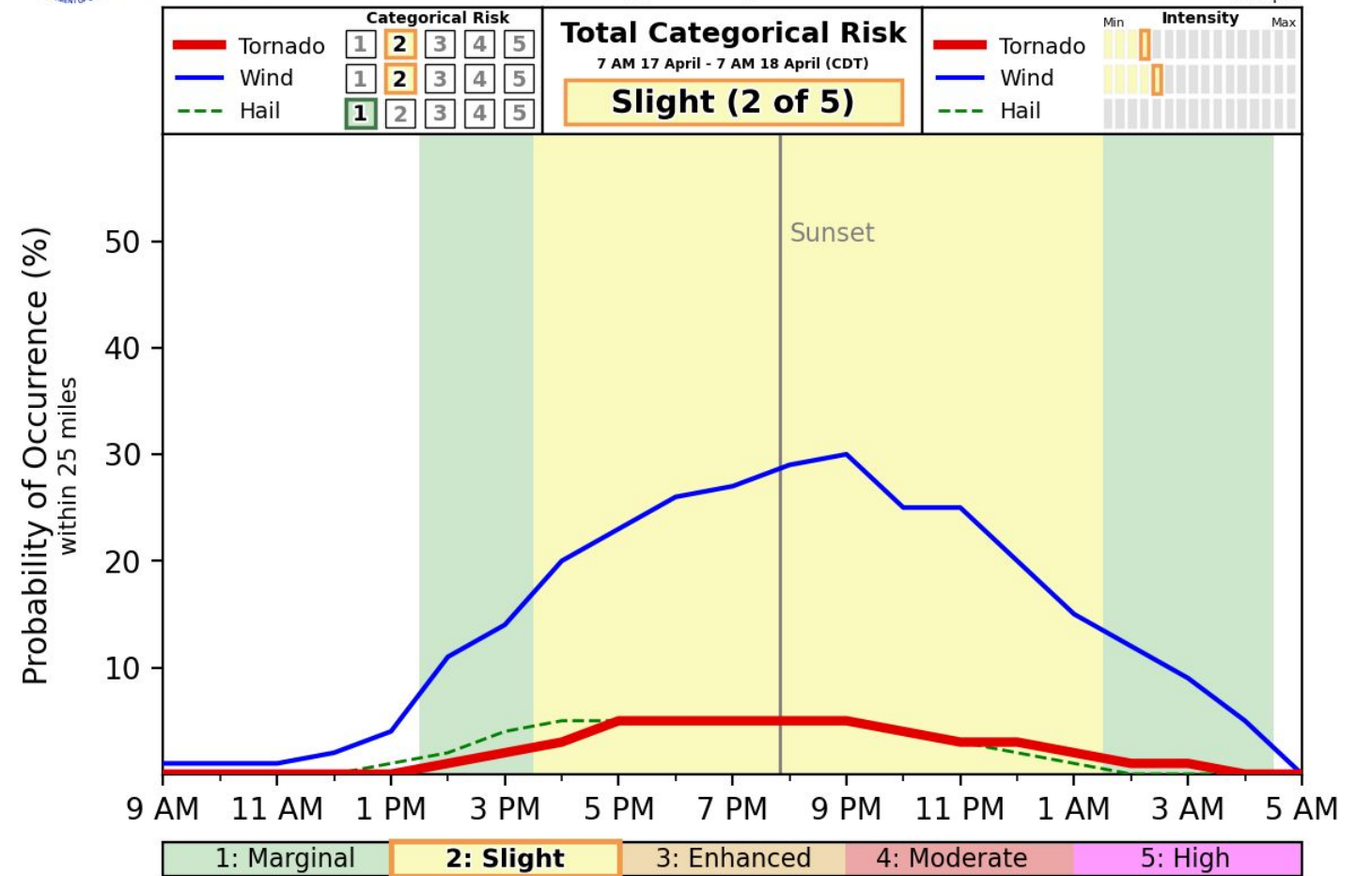
## 17 April 2026 Severe Weather Outlook Osage Beach, Missouri

Created: 1:00 AM CDT  
17 April



## 17 April 2026 Severe Weather Outlook Springfield, Missouri

Created: 1:00 AM CDT  
17 April



[Timing Graphics Link](#) → Find your nearest location here





# Flood Watch Tonight

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Slight Risk for Excessive Rainfall

## What

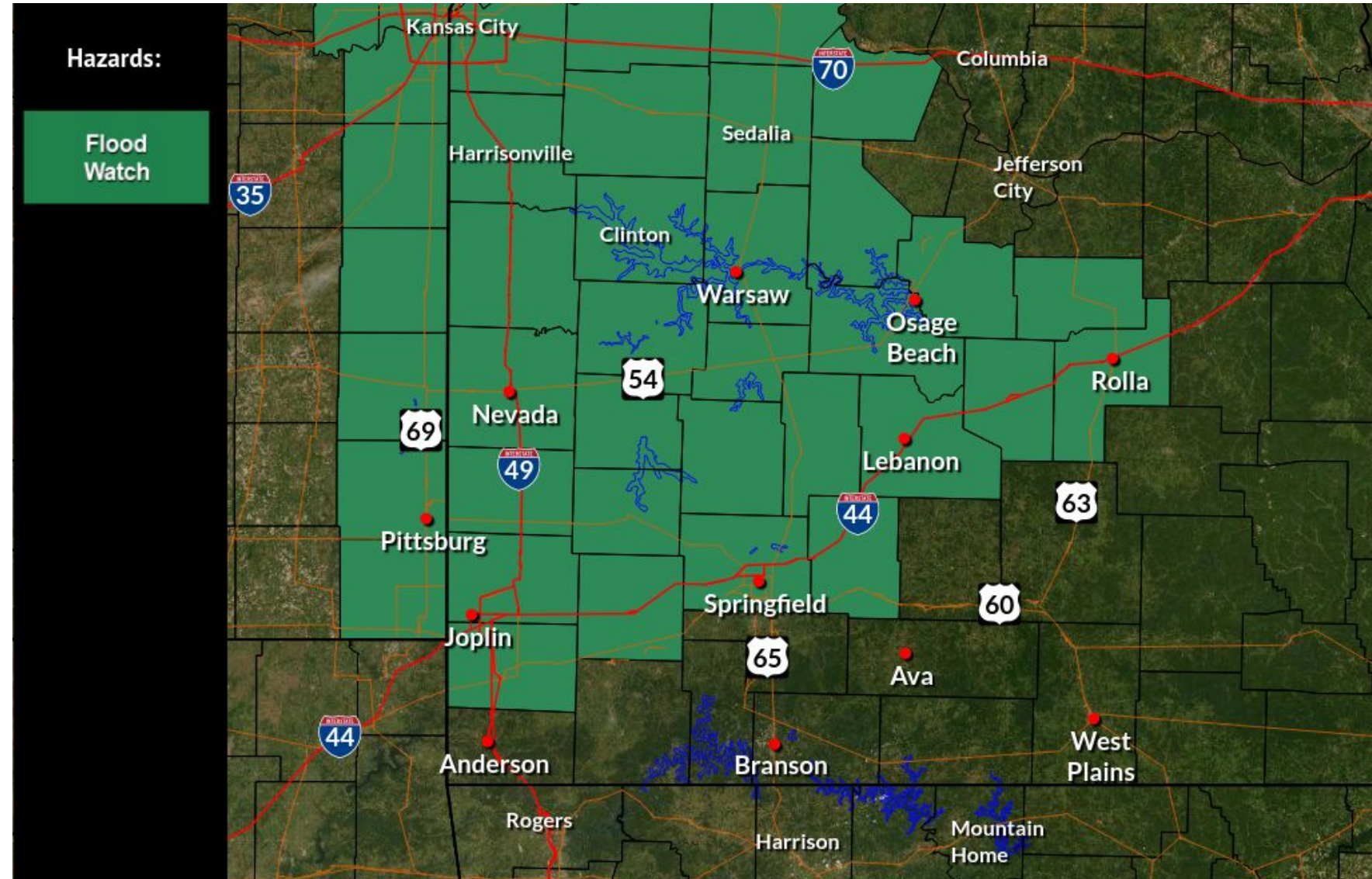
- Additional round of heavy rainfall could lead to flash flooding and river flooding. Pockets of 1-2 inches with localized amounts of 3-4 inches of additional rainfall.

## Where

- The highest chances for additional flooding are generally along and especially northwest of Interstate 44 (locations that saw heavy rainfall the last few days).

## When

- Flood Watch in effect from 6pm Friday to 7am Saturday



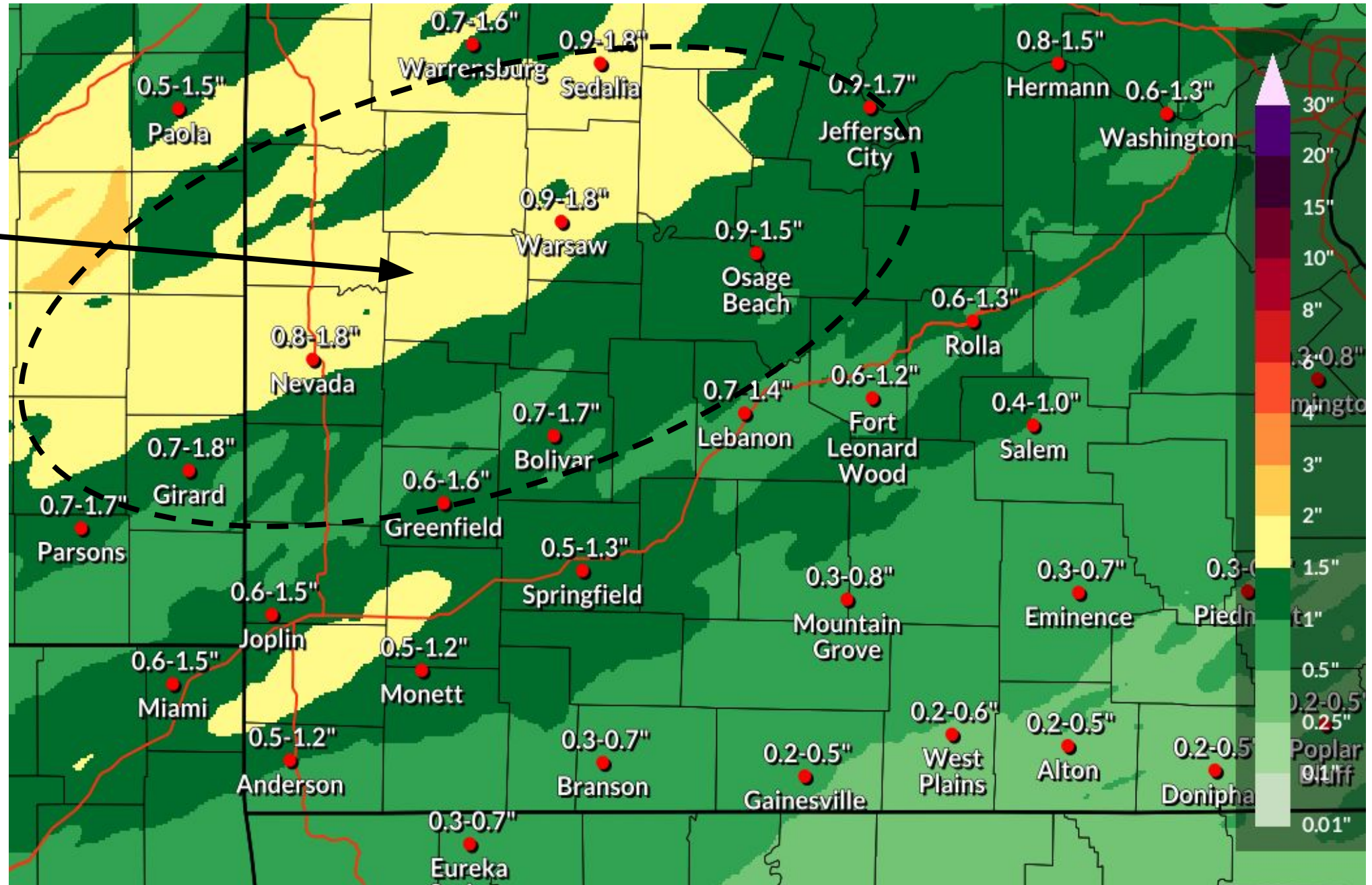


# Forecast Rainfall Amounts

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5:00 AM

Today Through 7am Saturday

Highest Risk for Flash Flooding  
and localized amounts of 3-4  
inches





# Confidence Levels

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## Confidence

### Strong to Severe Thunderstorms



### Timing



### Flooding



## Confidence Details

- Confidence is high for the potential of severe storms tonight with damaging winds the highest concern/most likely hazard.
- The tornado threat could increase if either storms remain supercellular or line segments surge to the east/northeast.
- The threat for severe storms could become lower if storms arrive significantly later than forecast (lower instability).
- High rainfall rates and saturated soils could lead to additional flooding concerns Friday night.



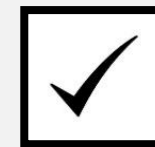
## For Additional Information

- [NWS Springfield Webpage](#)
- [IDSS Point Forecasts](#)
- [Graphical Hazardous Weather Outlook](#)
- [SPC Convective Outlooks](#)
- [Probabilistic QPF Experiment Webpage](#)
- [WPC Excessive Rainfall Outlooks](#)
- [WPC Precipitation Outlooks](#)
- [National Water Prediction Service](#)
- [Submit Storm Reports](#)

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## Nocturnal Severe Storm Preparedness and Safety Tips:



Continue to stay updated on the forecast.



Plan and prepare with family and friends ahead of the event.



Know where you will go to shelter if a warning is issued.



Prepare an emergency kit and keep important belongings with you.



Have multiple ways of receiving watches and warnings.

