

# Major Severe Weather Outbreak Possible

April 27, 2026  
8:29 AM CDT

Strong tornadoes, giant hail, and destructive wind gusts possible tonight.

## Key Messages

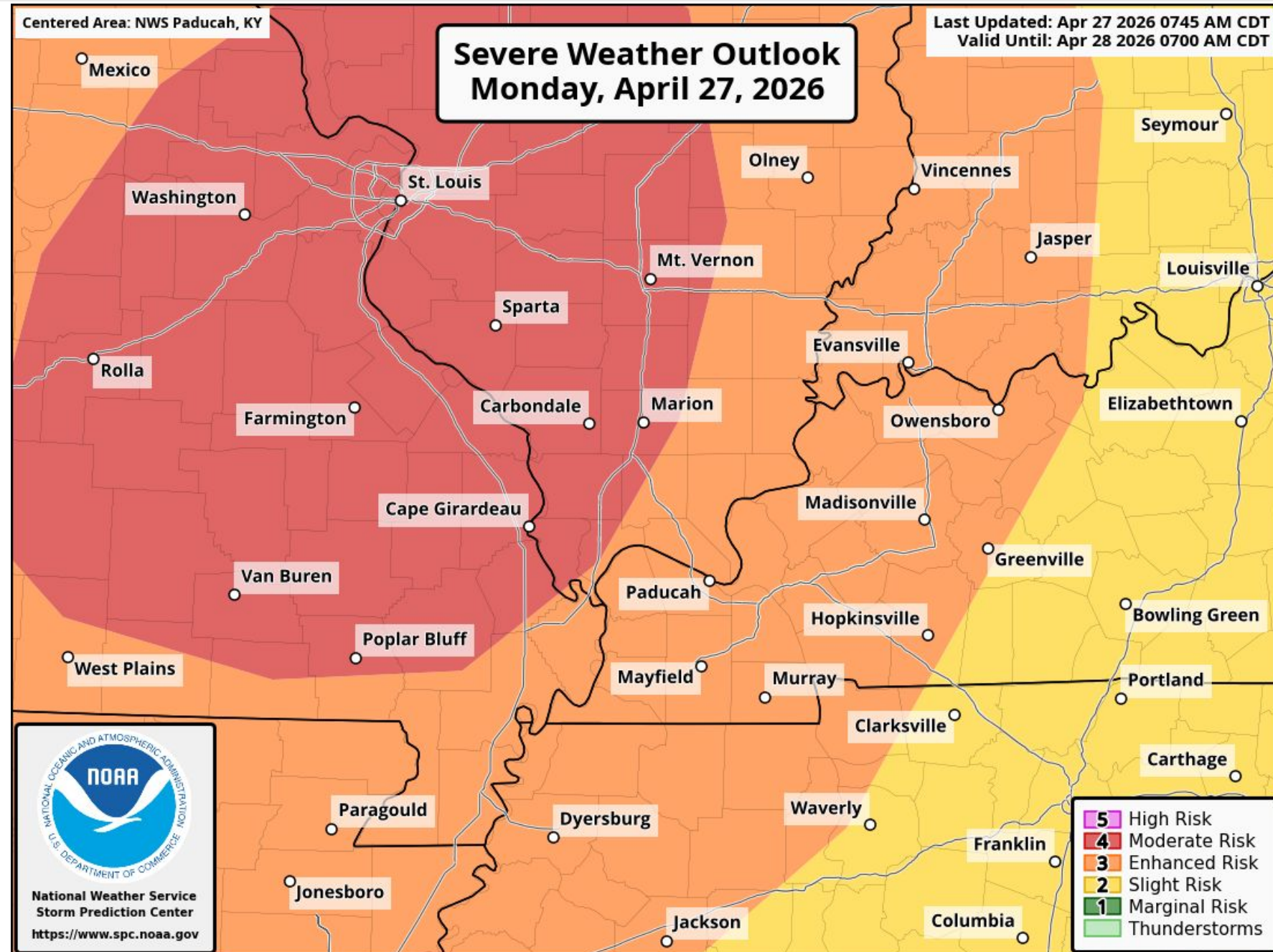
- A major severe weather outbreak is possible tonight across the area.
- Strong tornadoes (EF-2 or stronger), giant hail (two inches or greater in diameter), and destructive straight line winds of 70 mph are possible.
- Another round of severe weather is possible Tuesday afternoon and evening.

## NEW What Has Changed

- Parts of southeast Missouri and southwest Illinois have been upgraded to a moderate risk (level 4 out of 5).
- The risk of strong tornadoes has increased.

## Next Scheduled Update

- By 5 PM today.



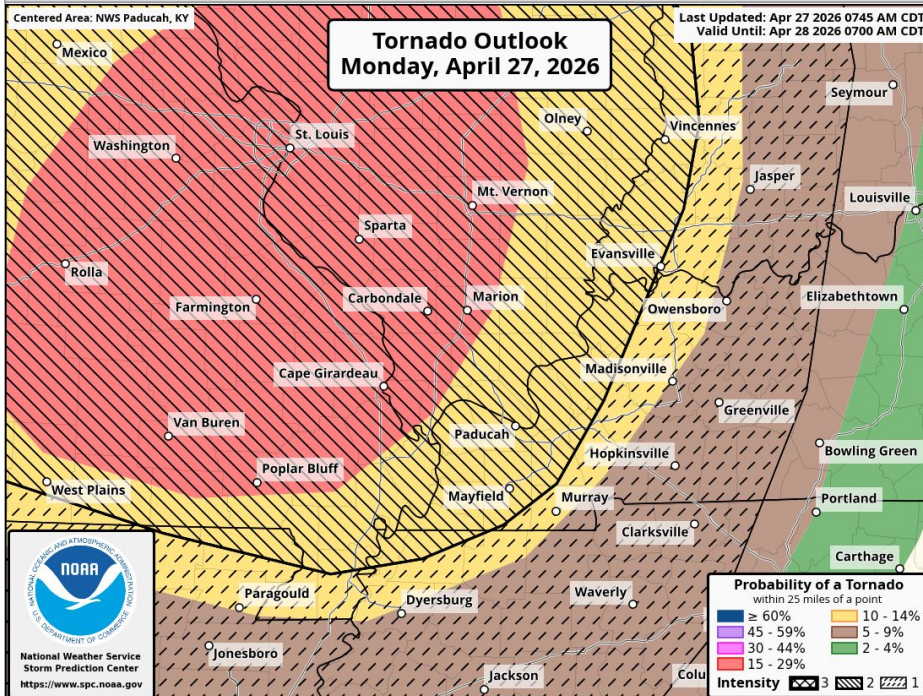


# Severe Weather Hazards

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Strong tornadoes, destructive straight line winds, and giant hail all possible

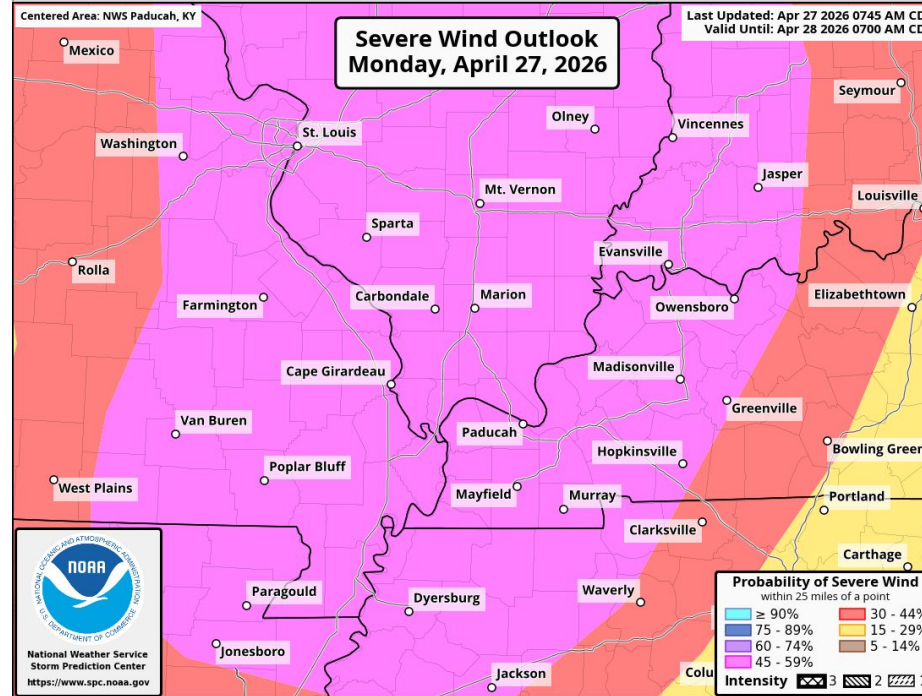
## Tornado Probability



**Hazard:** Strong Tornadoes as high as EF2 or EF3 Intensity

**Potential Impacts:** Major damage to homes, businesses, schools, etc. Total destruction of manufactured homes, barns, and outbuildings.

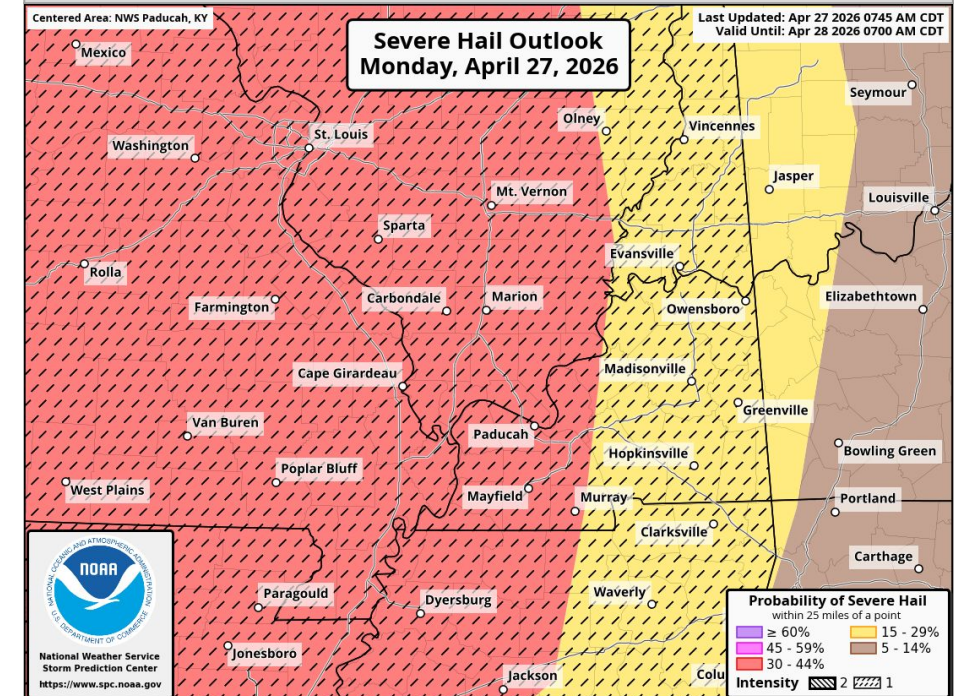
## Wind Probability



**Hazard:** Up to 70 MPH Winds

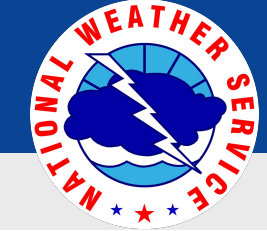
**Potential Impacts:** Tree damage likely, power line damage possible, minor shingle damage possible, outdoor furniture and loose object blown around, crop damage possible.

## Hail Probability



**Hazard:** Hail up to 2 inches in diameter

**Potential Impacts:** Damage to vehicles, homes, property. Significant agricultural damage possible. Injury to those caught outside.



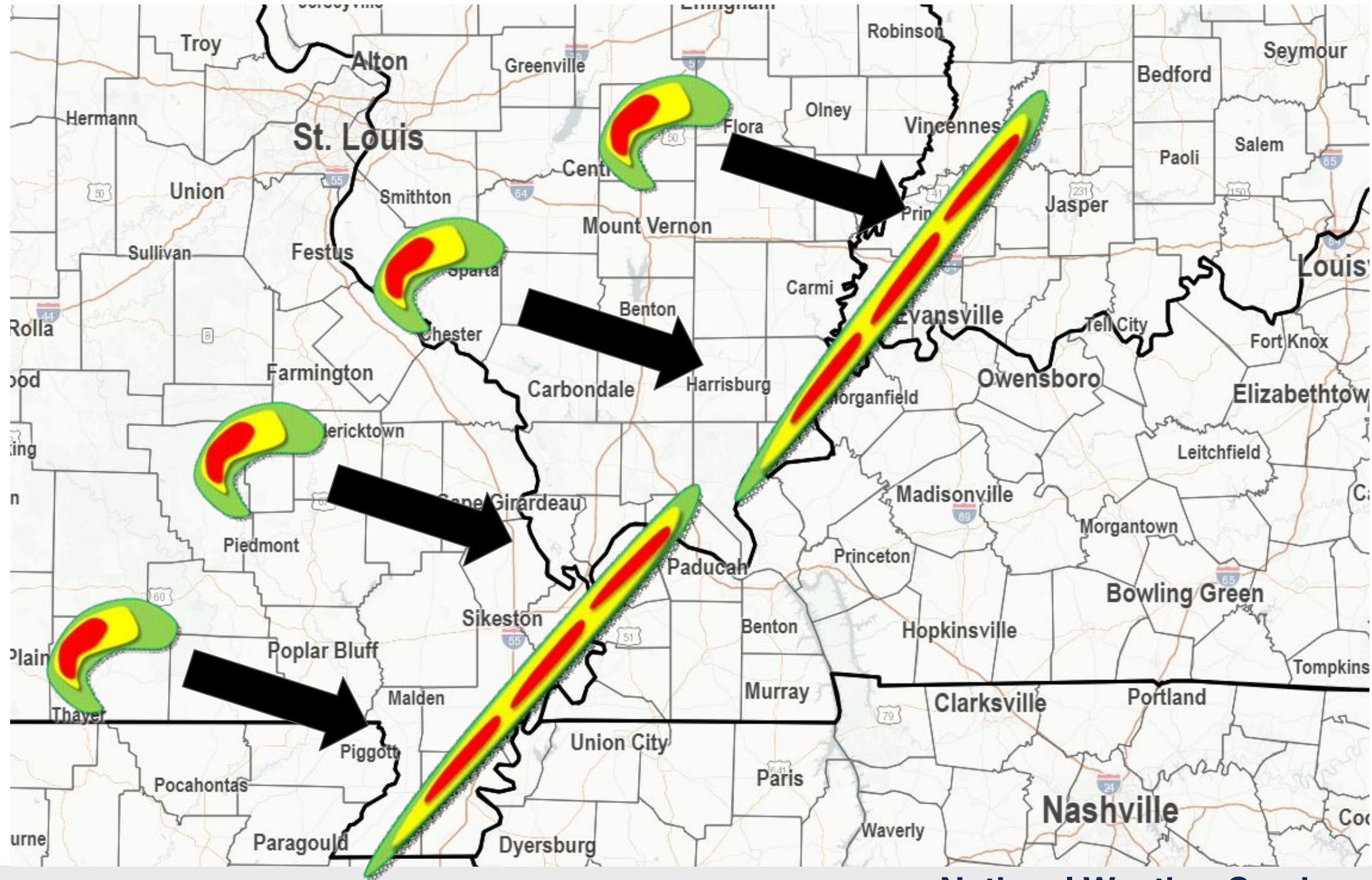
# Possible Storm Evolution

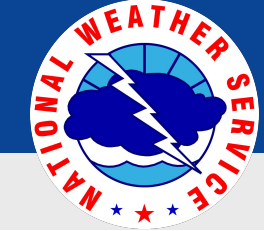
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## Supercell Thunderstorms Growing Upscale into a Powerful Squall Line

### Overview

- Confidence in storm mode has increased.
- It now appears that storms will remain scattered across most of the Quad State.
- Although the storm coverage will likely increase as they move east, supercells are expected to persist through most, if not all, of the event.
- Tornadoes, possibly strong, and very large hail will be the primary concerns for this evening.

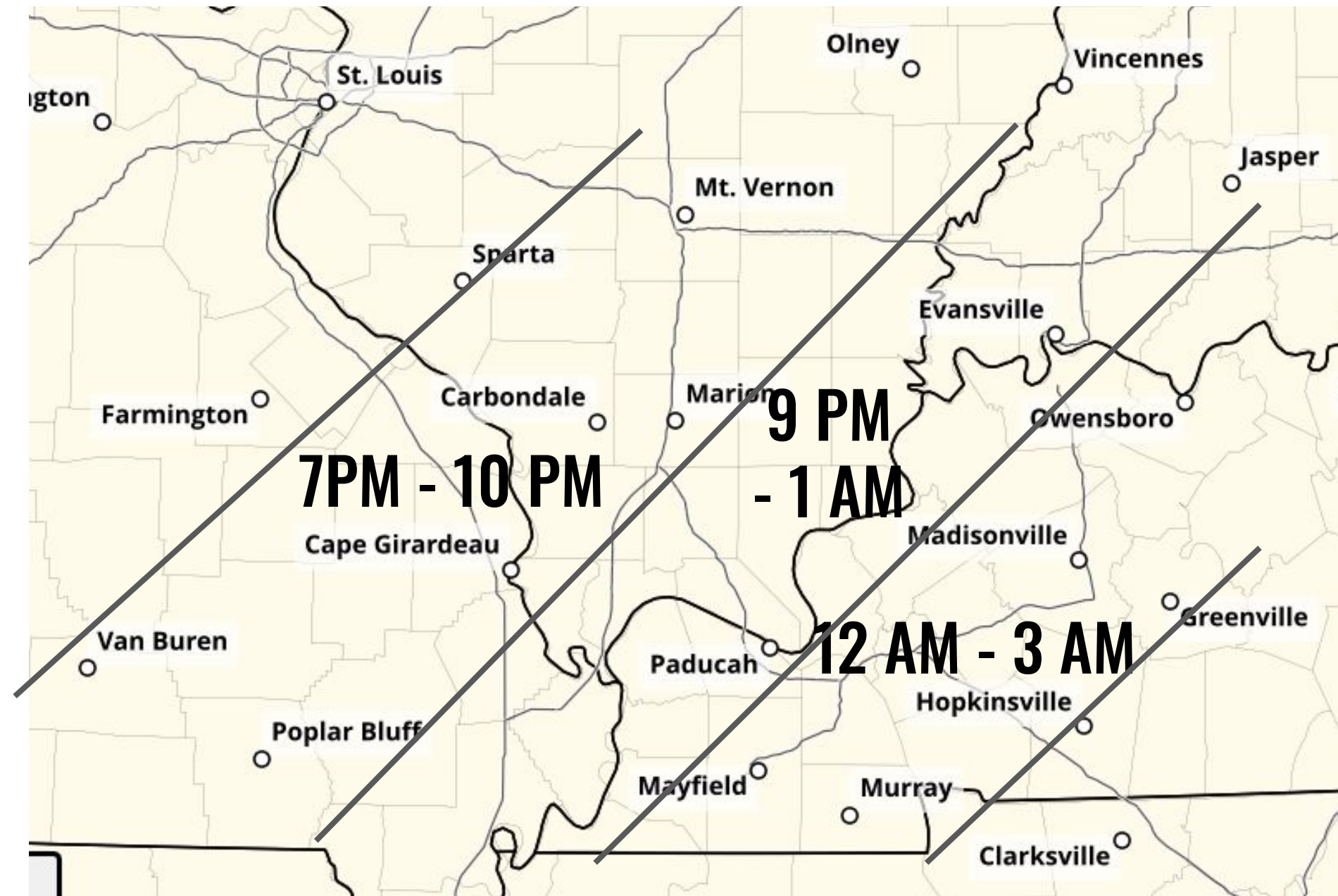


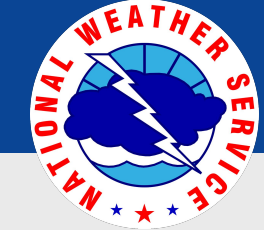


# Severe Thunderstorm Timing for Round 2

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- This is estimated timing information for severe thunderstorms this evening and tonight, which is the round we are most confident in.
- While some thunderstorms are possible during the afternoon, confidence is much lower.





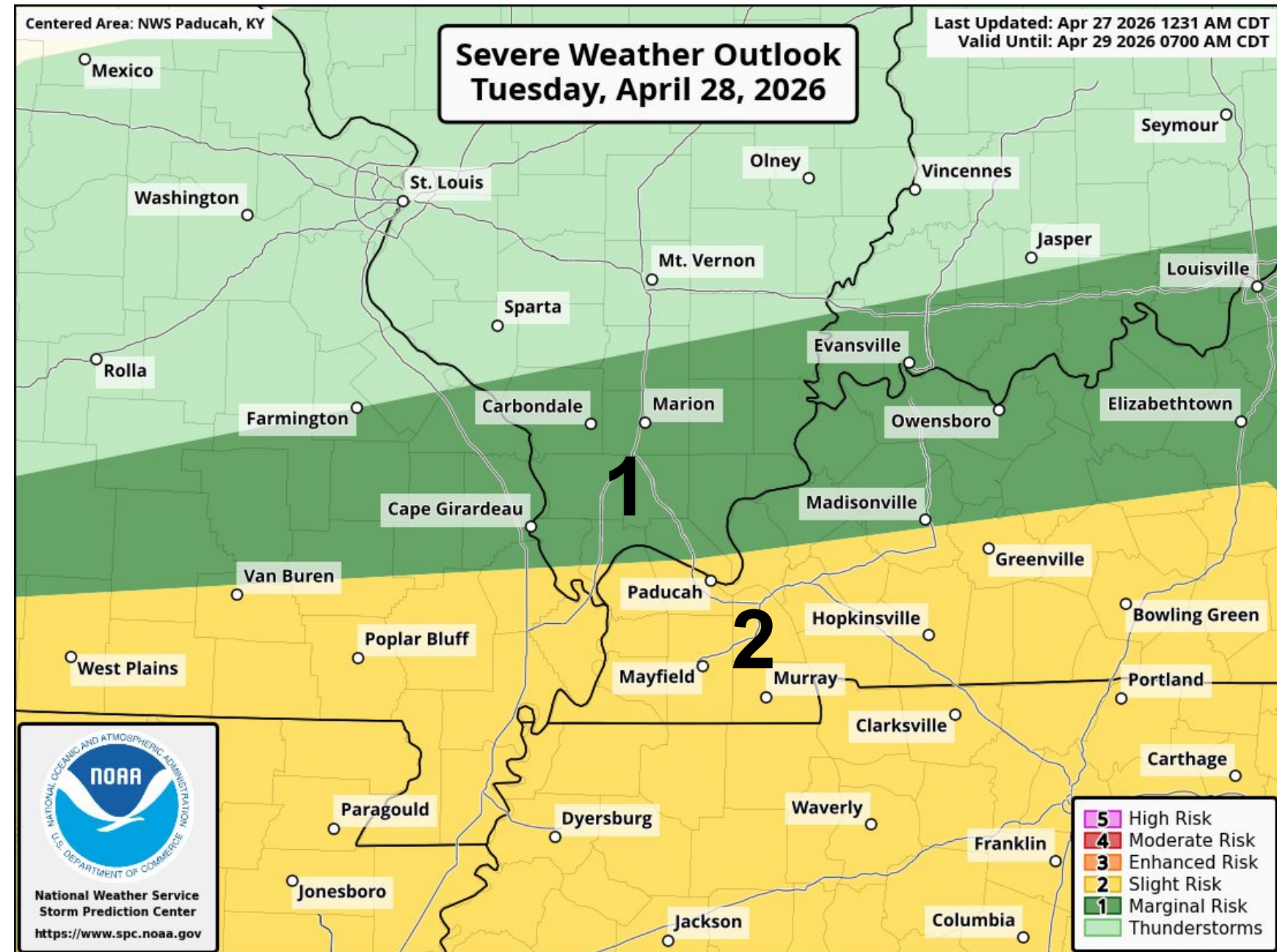
# More Severe Storms Possible Tuesday

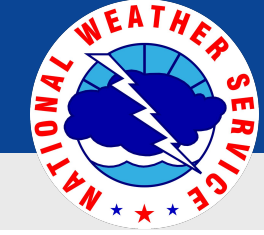
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An Slight Risk of severe storms (Level 2 out of 5) covers the Bootheel and west Kentucky.

## Key Messages

- Scattered to numerous thunderstorms will develop along and ahead of a cold front late Tuesday afternoon and Tuesday evening.
- Damaging winds and large hail will be the primary concerns, but an isolated tornado cannot be ruled out.
- At this time, the northwest extent of the severe threat is unclear. Most of the Quad State could be impacted, but the best chance is in the Slight Risk (yellow) area.
- **Torrential rainfall could lead to some isolated flash flooding problems in areas that receive multiple storms.**





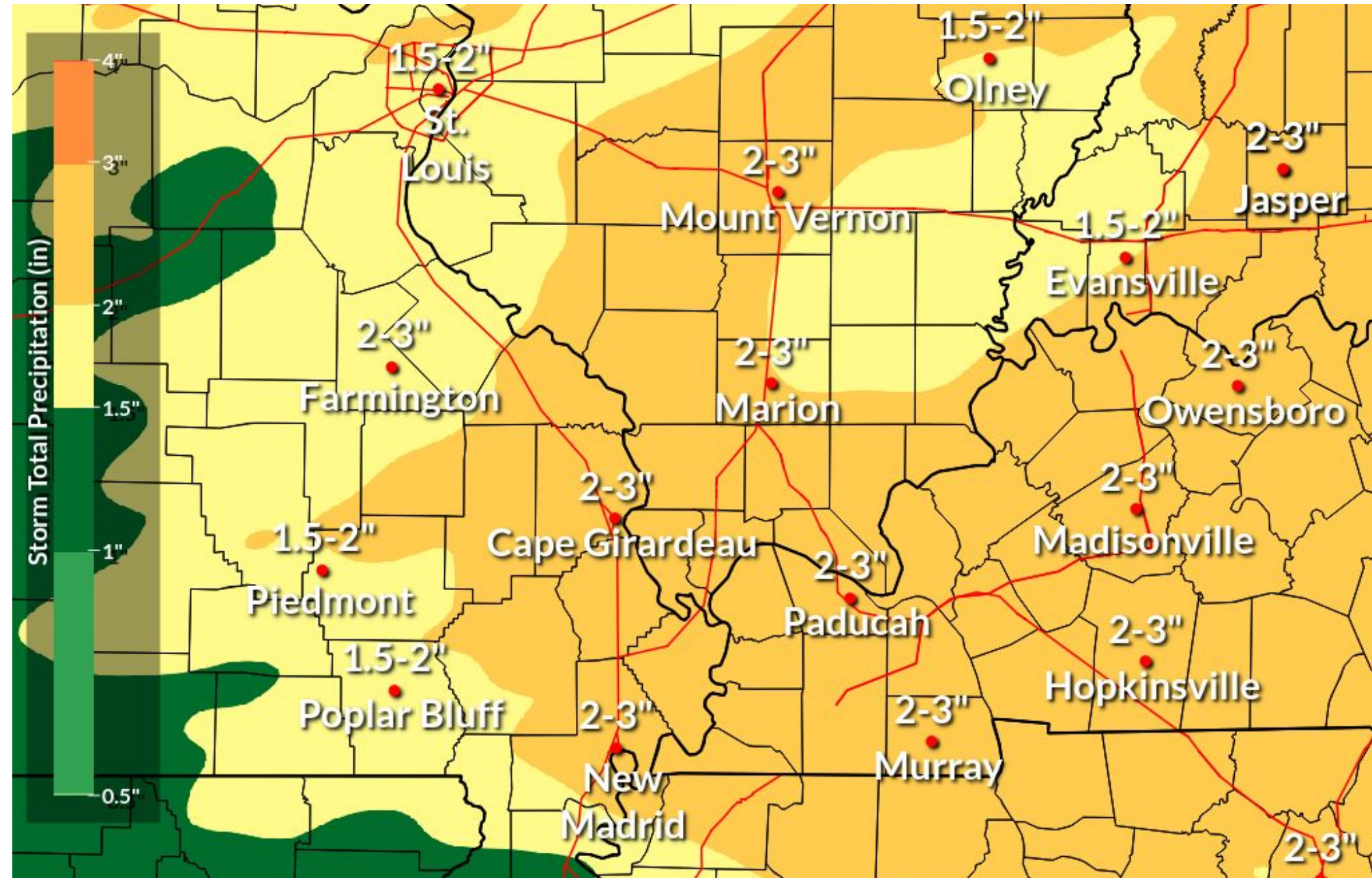
# Heavy Rain Should Provide Some Drought Relief

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However, heavier downpours may lead to some flooding concerns.

## Key Messages

- Storm total rainfall amounts through Tuesday night should average at least 1 to 2" in most areas, with swaths of 2 to 3". Localized higher amounts over 3" are possible.
- While this will largely be beneficial for our ongoing moderate to extreme drought conditions, there is some potential of flooding concerns where we see repeat rounds of thunderstorms and/or hourly rates approaching 2".



# STORM PLANNING TIMELINE

## A few days out

*If the forecast calls for severe weather in a few days, start preparing now.*



Make sure that you have emergency supplies



Know your safe places



Have a family communication plan

## The day before

*The day before, forecast accuracy continues to improve.*



Adjust plans



Make sure your phone can receive WEAs



Ensure your shelter is clean and accessible

## The day of

*Remain vigilant and aware of any active Watches. A Warning may be issued at a moment's notice!*



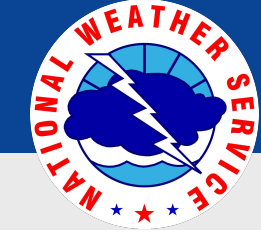
Remind your family of the communication plan



Know how to evacuate and/or get to safety from wherever you are



When a Warning is issued, you may only have seconds to take action!



# Severe Storms are Likely Monday

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## ENHANCED RISK

Numerous severe storms possible.

Some longer lived severe storms -- a few intense storms possible.

Have multiple ways to get NWS warnings and seek shelter immediately when warnings are issued for your location.

weather.gov



Make sure your safety plans consider whether you are at home, school, or work, or if you have outdoor activities planned.



### Have Multiple Methods to Receive NWS Warnings

