



Several Rounds of Hazardous Weather

March 4, 2025
3:16 AM

Today

Key Messages

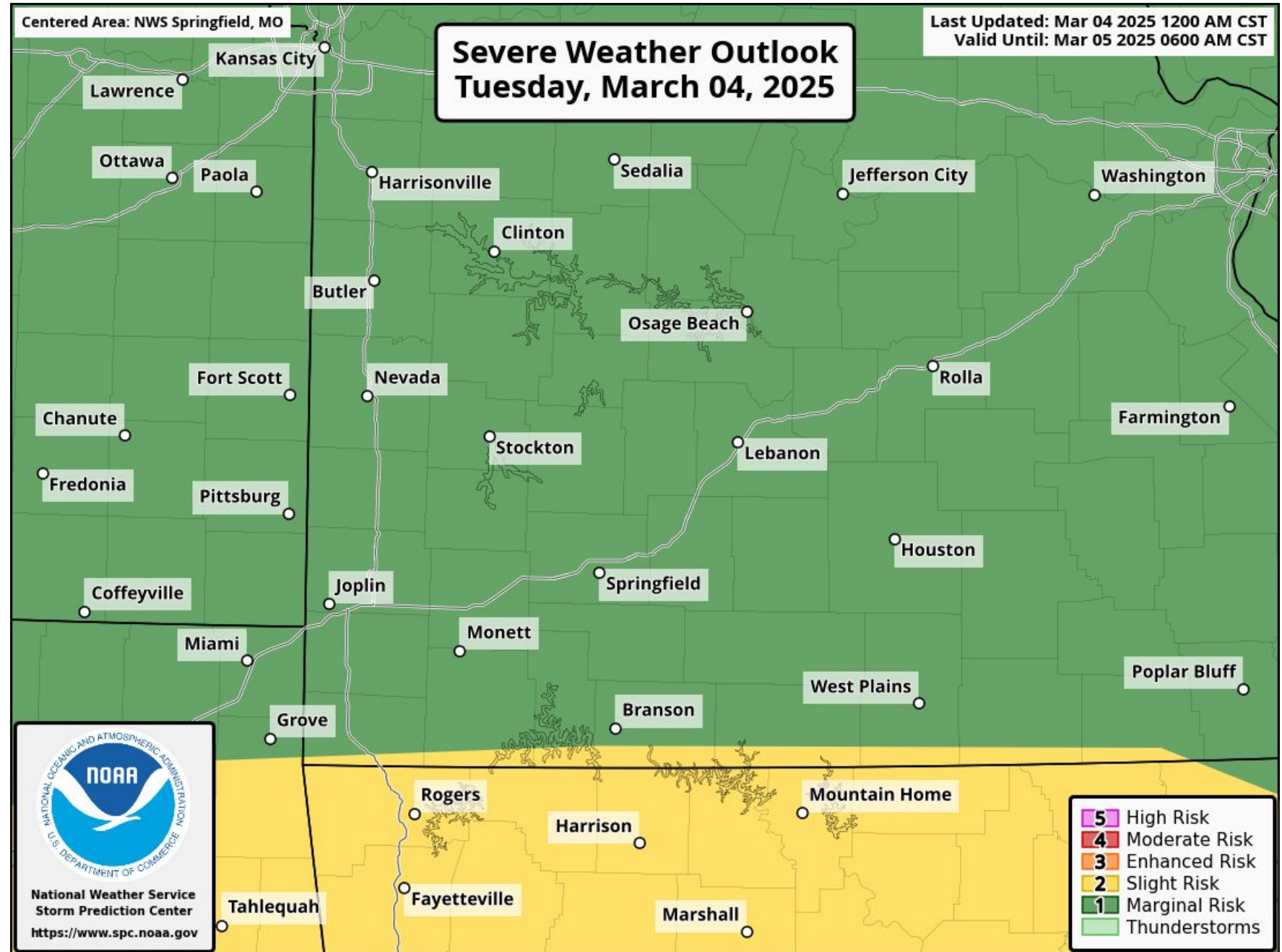
- Marginal severe storm risk today Large hail, damaging winds and tornadoes are all potential hazards.
- Marginal risk for excessive rainfall which could lead to localized flooding.
- Wind Advisory Tuesday night into Wednesday. Wind gusts of 40-55 mph late tonight through Wednesday.
- Rain turns to snow late Tuesday night into Wednesday morning. Most likely a dusting to inch of snow accumulation on elevated and grassy surfaces, but could have some impacts with morning commute.

NEW Important Updates

- Snow amounts increased up to 1.5".

Next Scheduled Briefing

- Tuesday afternoon





Multiple Hazard Timing

March 4, 2025
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Times are 4 hour "windows" centered on the time indicated.

| Hazards | Tuesday March 4th | | | | | Wednesday March 5th | | | |
|--------------------------------|------------------------|--|------|---------|-----|--------------------------------------|-----|------|-----|
| | 4am | 8am | 12pm | 4pm | 8pm | 12am | 4am | 12pm | 4pm |
| Wind Gusts | South 25 to 40 mph | | | | | Northwest 40 to 55 mph | | | |
| Strong to severe thunderstorms | Marginal Risk (1 of 5) | | | | | | | | |
| | Round 1 | Round 2 | | Round 3 | | | | | |
| Widespread Rainfall | | 0.75" to 1.25" Localized 1.5" to 2.5" | | | | | | | |
| Excessive Rainfall | | Marginal(1/4) to Slight(2/4) risk | | | | | | | |
| Snow | | | | | | Accumulating snow (Trace up to 1.5") | | | |



SPC Severe Outlook

March 4, 2025
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Today

Timing

Round 1: Isolated elevated thunderstorms
(Early this morning)



Round 2: Line of thunderstorms (This morning through early afternoon)



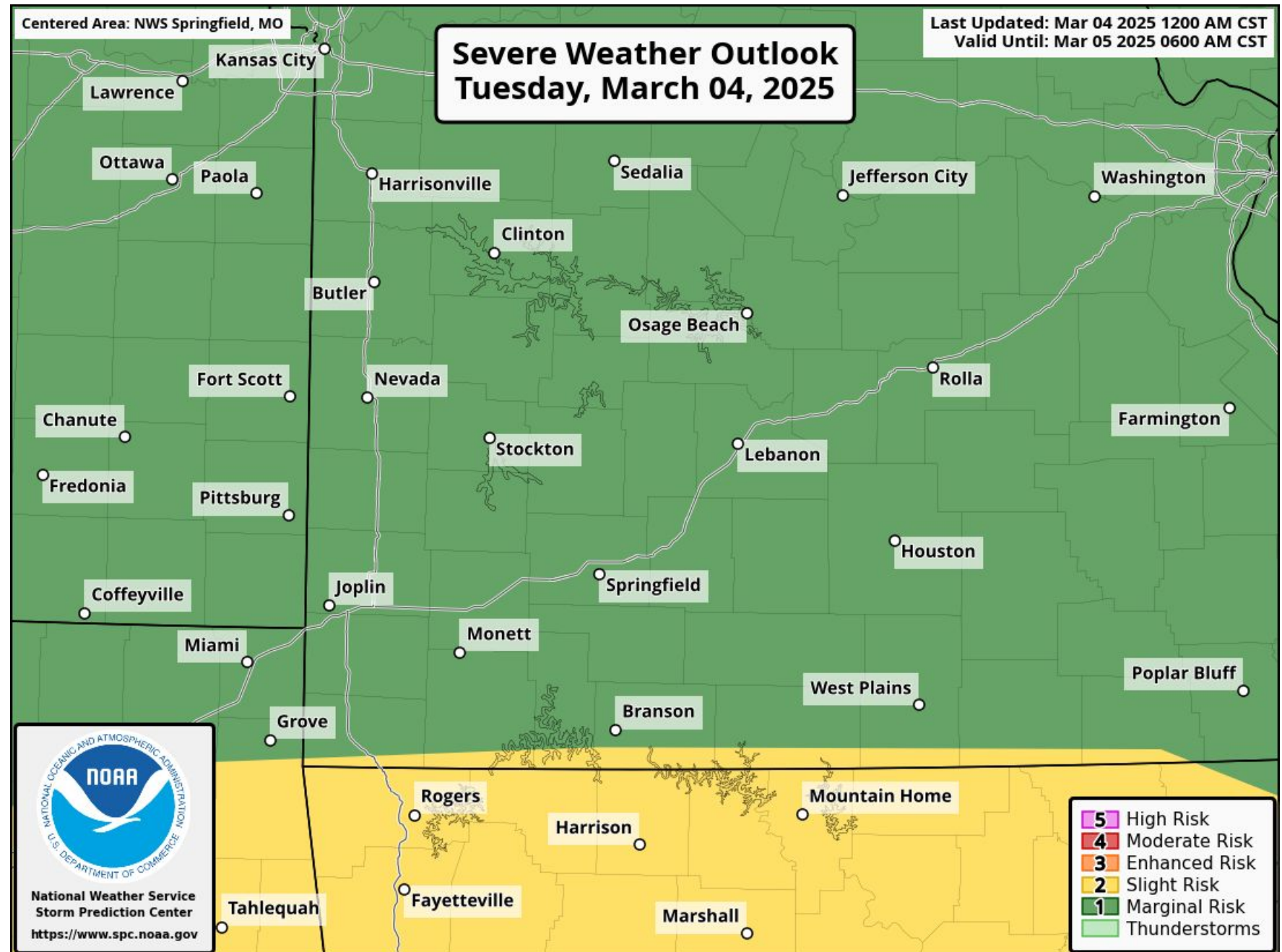
Round 3: Isolated low-topped supercells (Mid Afternoon through Early Evening)



Actions



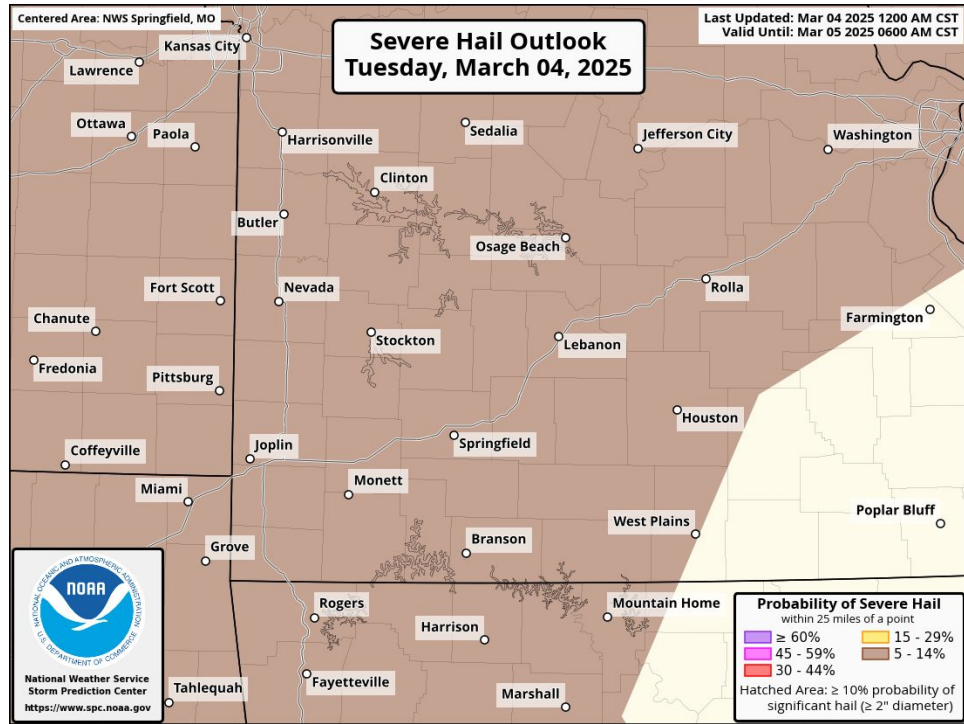
Be weather aware and ready to act.
Have multiple ways to receive warning information!



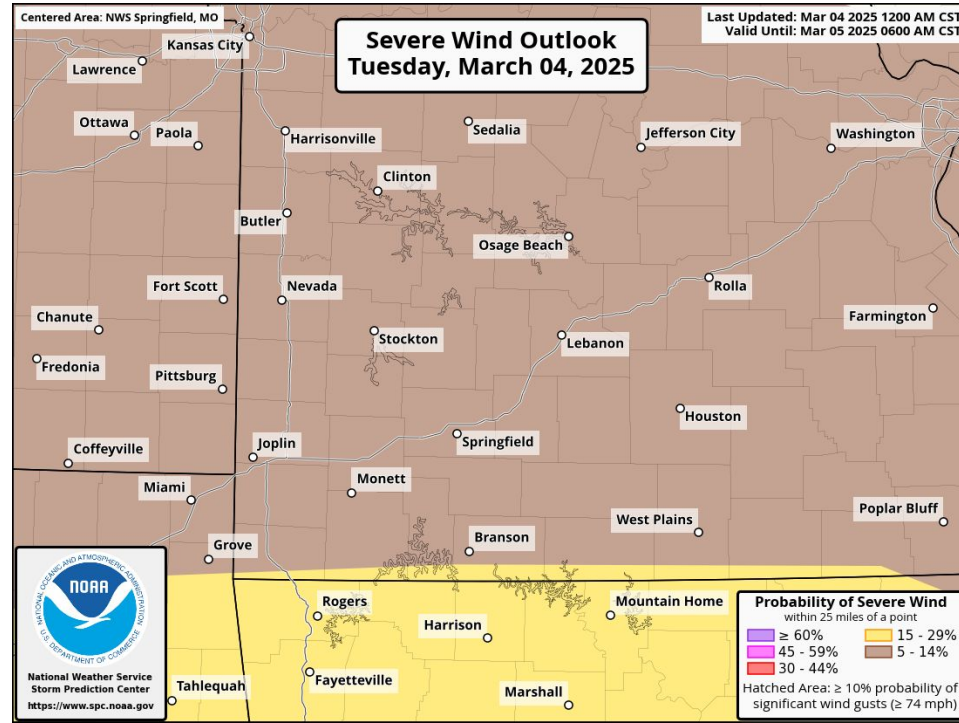


SPC Outlook Hazard Probs

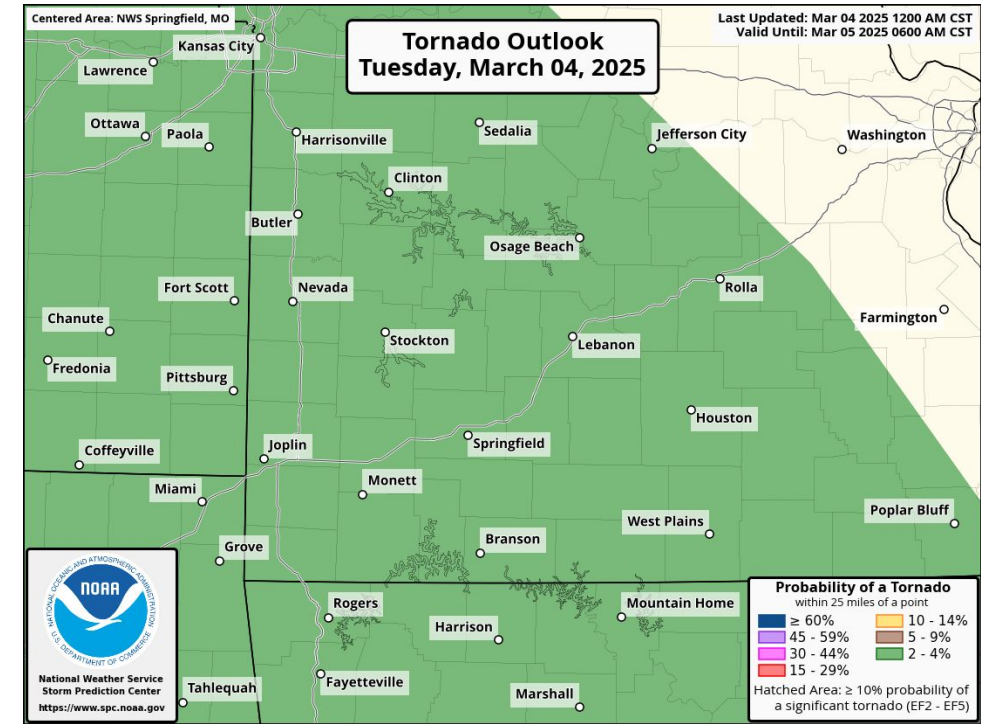
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Hail Probability



Wind Probability



Tornado Probability



Expected Rainfall Amounts

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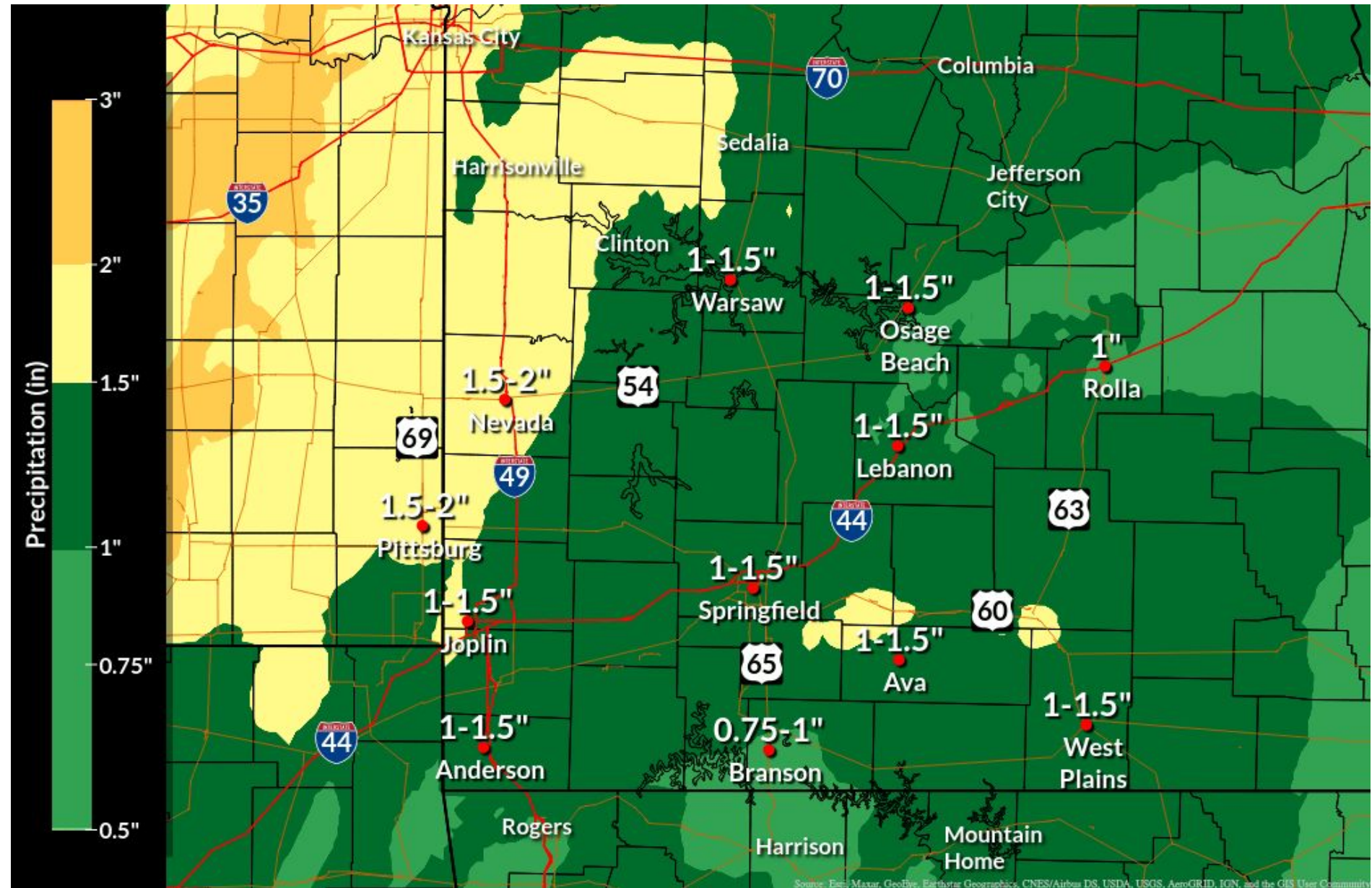
High chances for showers and storms (90 – 100%) today across the area. Multiple rounds are expected. Some areas could see locally heavy rainfall amounts and localized flooding.

Rainfall Amounts

Most locations receive
0.75 – 1.25 inches



Localized pockets of
1.25 – 2.5 inches



Forecast Rainfall Amounts Through Tonight



Wind Advisory

Late Tonight Through Wednesday

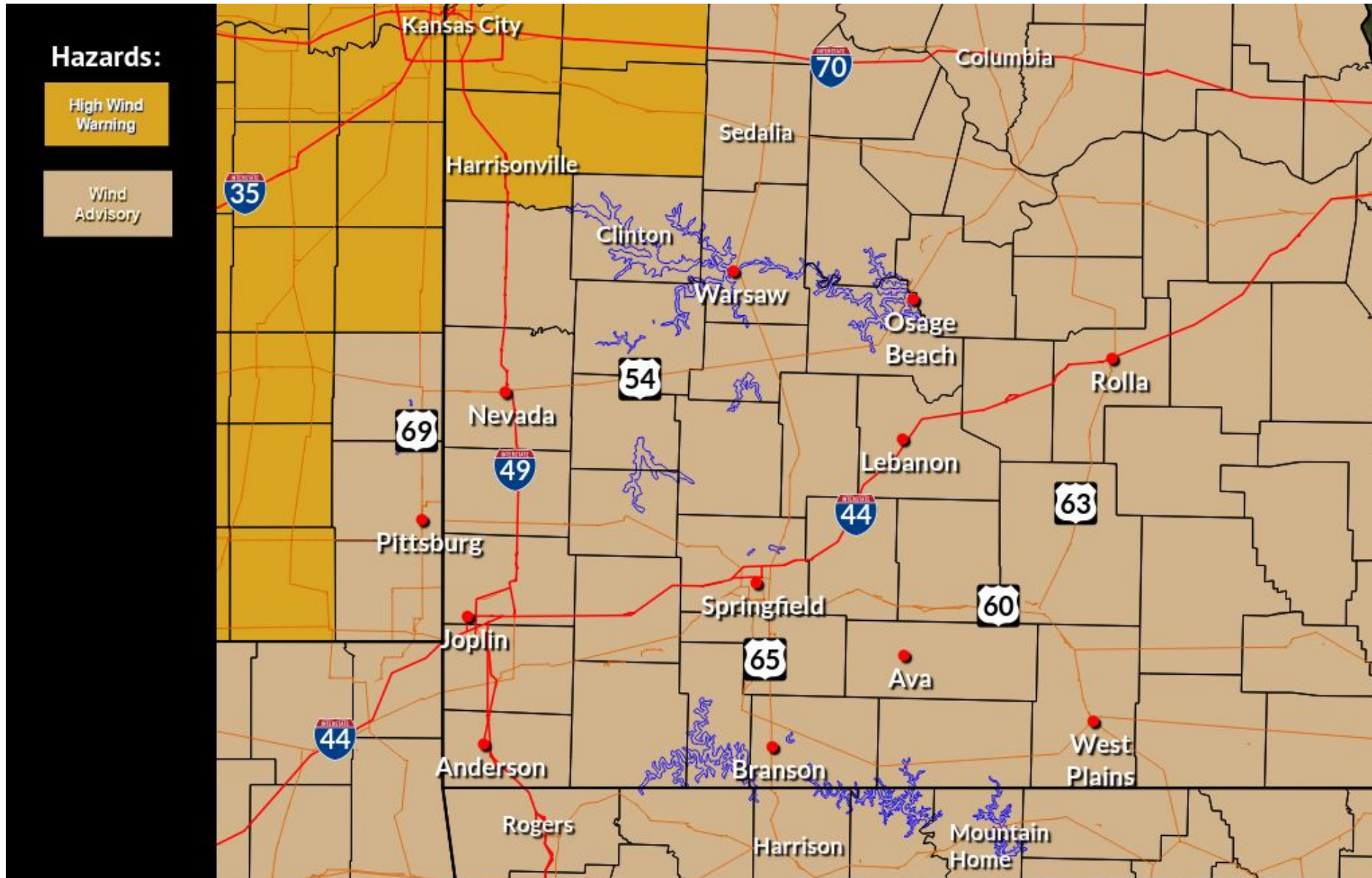
Details



A Wind Advisory is in effect from Midnight Tuesday Night until 6 PM Wednesday



Maximum wind gusts between 40-55 MPH are expected



Wind Headlines



National Oceanic and Atmospheric Administration

U.S. Department of Commerce



Forecast Maximum Wind Gusts

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Late Tonight Through Wednesday

What

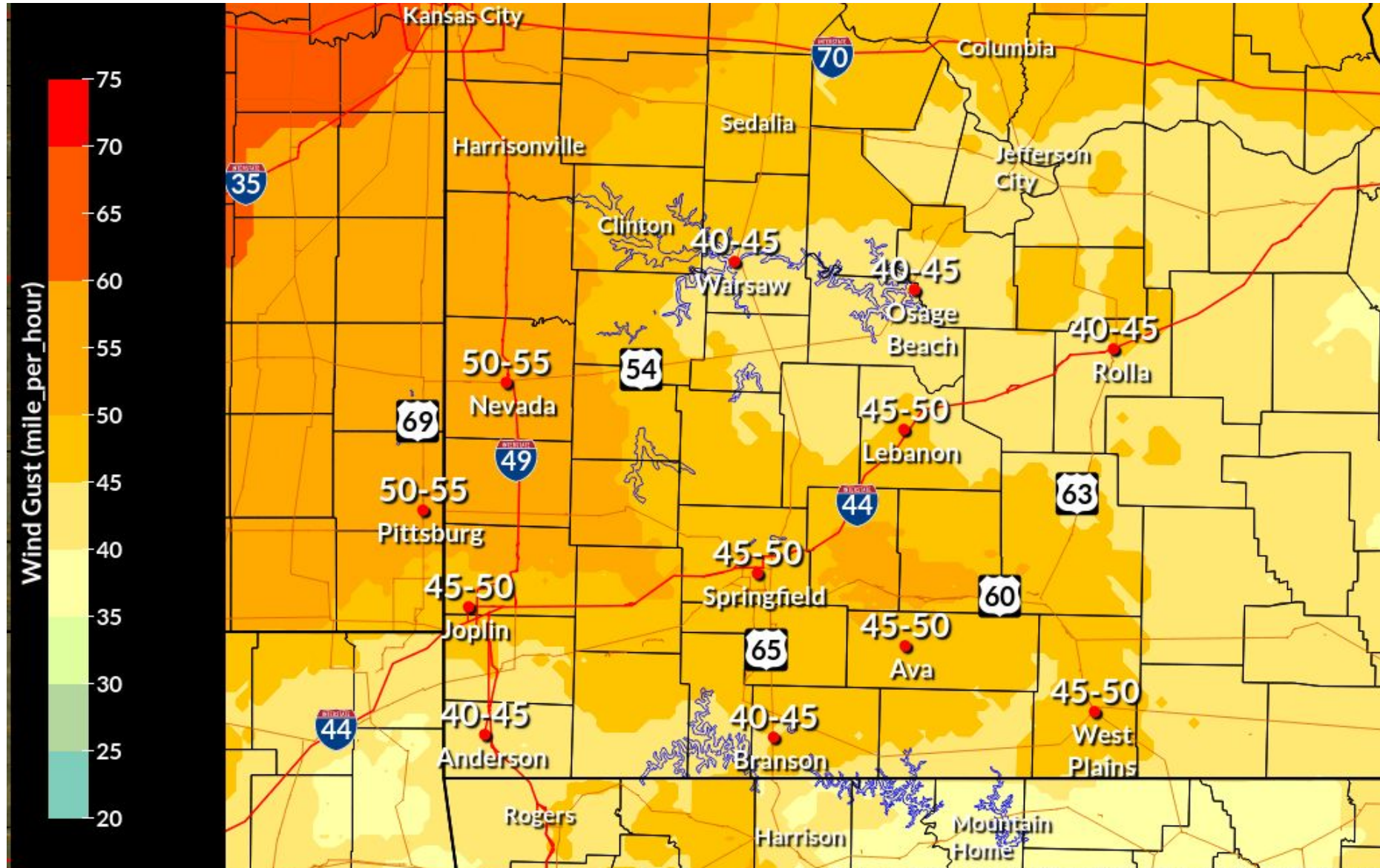
→ Northwest wind gusts between 40-55 MPH

Where

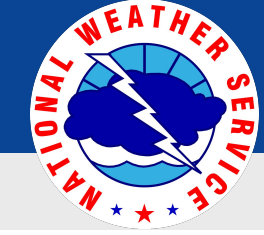
→ Over the entire area

When

→ Tonight through Wednesday



Maximum Wind Gusts Tonight - Wednesday

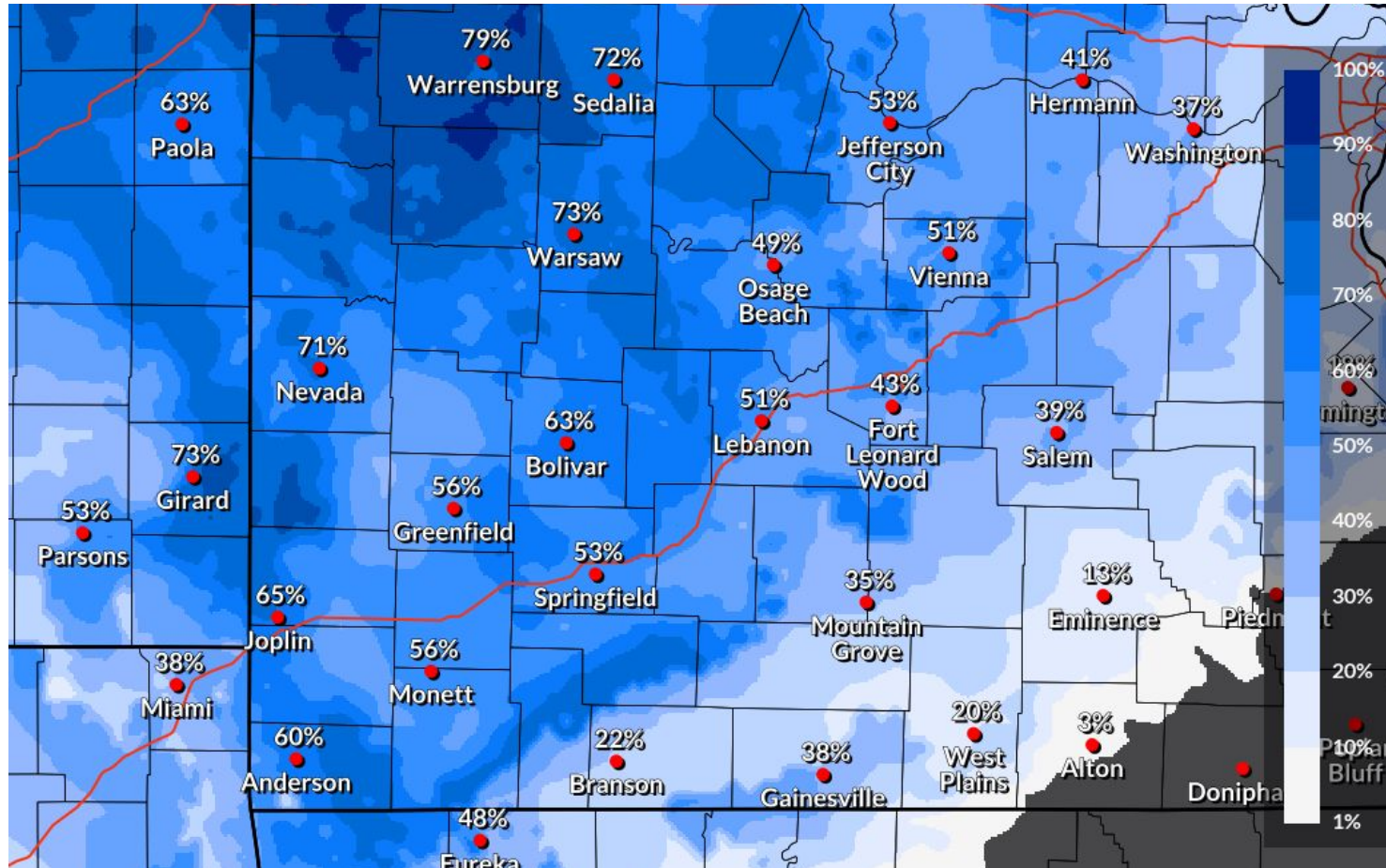


Snow Probabilities Tues. Night - Wed. Morning

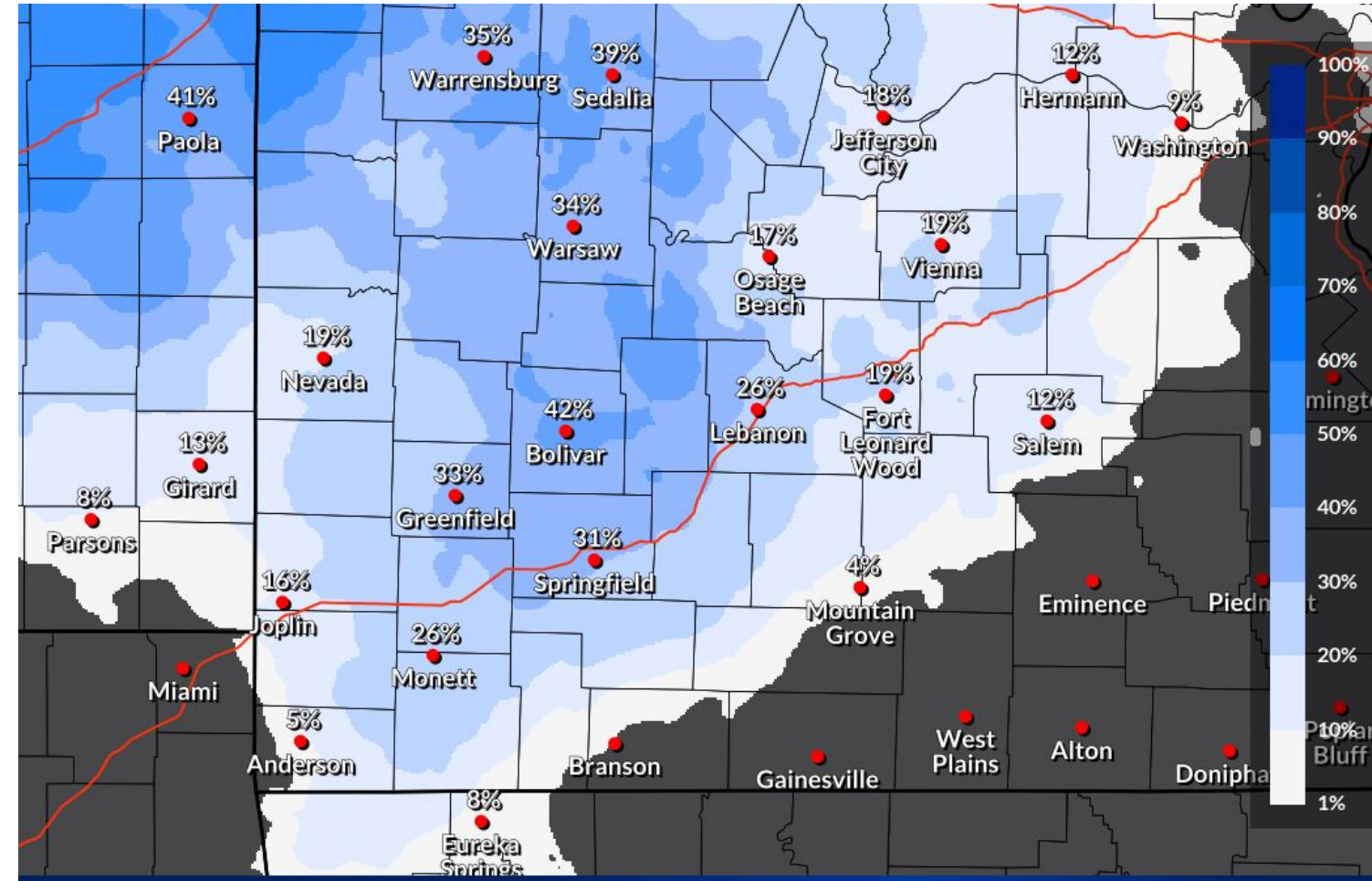
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Late Tonight into Wednesday Morning

Probability of > dusting



Probability of > 1 inch



Rain transitions to rain/snow mix tonight, before turning to all snow late tonight into Wednesday. Most likely scenario is a dusting to inch, with a few locations possibly up to 1.5". Accumulations would occur on elevated and grassy surface. Increasing confidence in a few minor travel inconveniences for Wednesday morning commute.



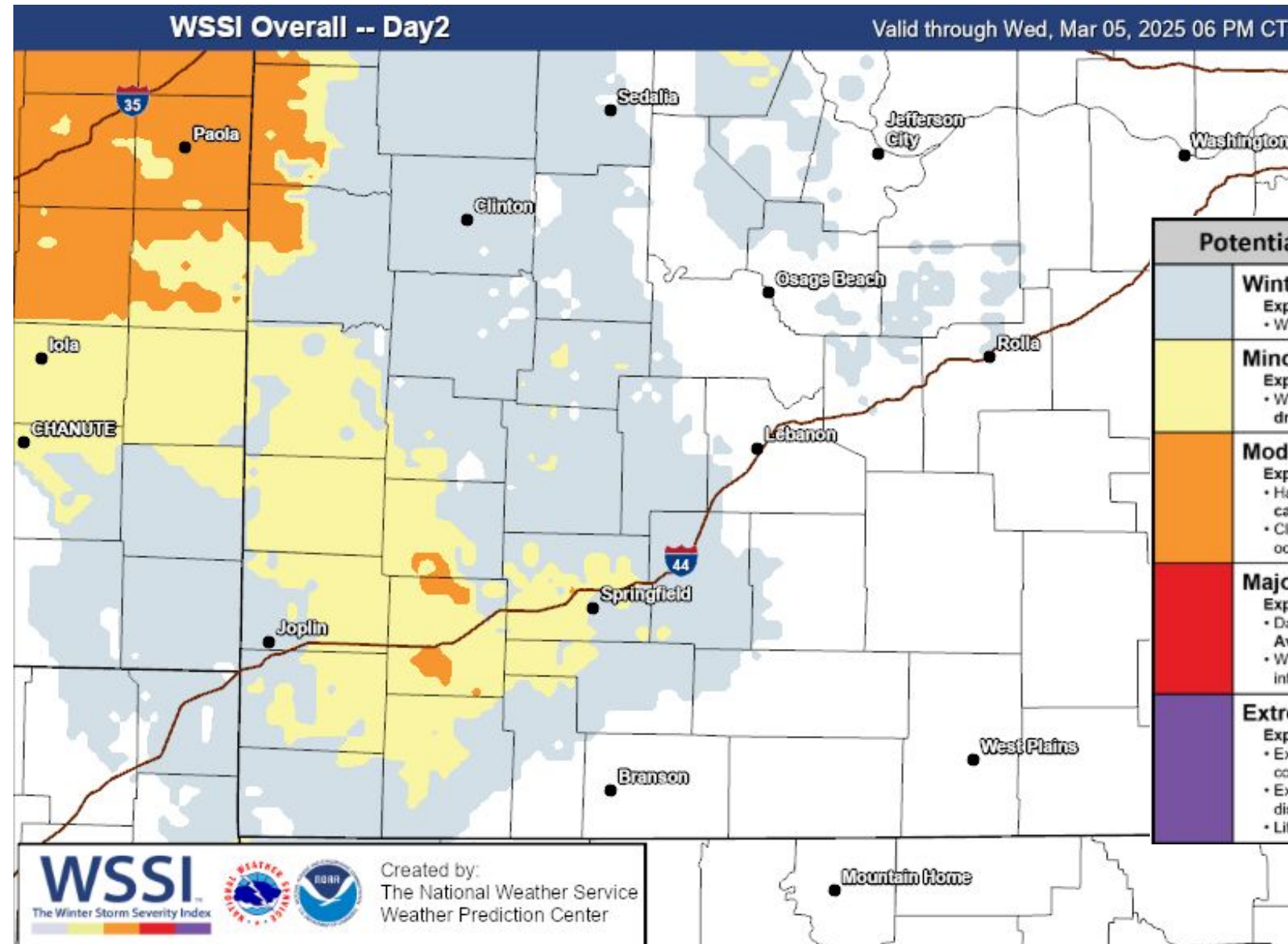


Winter Storm Severity Index

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Tuesday Night into Wednesday Morning

- Minor light snow impacts due to gusty winds producing low visibility
- Most likely minor impacts areas is along and north of I-44 and west of Highway 65.
- Use caution when driving Wednesday morning, especially if snow falls heavier than current forecast.



[NWS Springfield WSSI](#)





Confidence Levels

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Severe Thunderstorms Occurring



Wind Gusts of 40-55 mph



Excessive Rainfall Occurring



Light Snow



Confidence Details

- Potential for wind gusts to exceed 50 mph across southeast KS into southwest MO, along the Ozark Plateau
- All rounds of thunderstorms are covered by a Marginal Severe Weather Outlook at this time. Round 3 may pose the highest risk for strong to severe thunderstorms occurring.






For Additional Information

- [NWS Springfield Webpage](#)
- [IDSS Point Forecasts](#)
- [Graphical Hazardous Weather Outlook](#)
- [SPC Convective Outlooks](#)
- [Submit Storm Reports](#)

Thunderstorms can escalate quickly.

Clear skies can quickly turn dark and ominous, whether due to pop-up thunderstorms or squall lines. Be prepared!





-  Set up a way to get weather warnings on your phone
-  When alerted to a storm, get inside a sturdy building immediately
-  Stay away from windows once indoors
-  If a building isn't nearby, get inside a vehicle



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STORE OR SECURE LOOSE ITEMS BEFORE STRONG WINDS

-  Patio furniture
-  Sports equipment
-  Trash cans
-  Trampolines

