



Winter Weather Possible Next Week

February 7, 2025
3:08 PM

Early to Middle of the Week

Key Messages

- Confidence is increasing in a series of storm systems bringing wintry precipitation and accumulations to the region Monday into the middle of next week. At this time, the greatest chances for winter weather impacts will be north of Springfield.

Remaining Unknowns

- Exact track of the system
- Precipitation types and amounts
- Duration of winter weather conditions

NEW

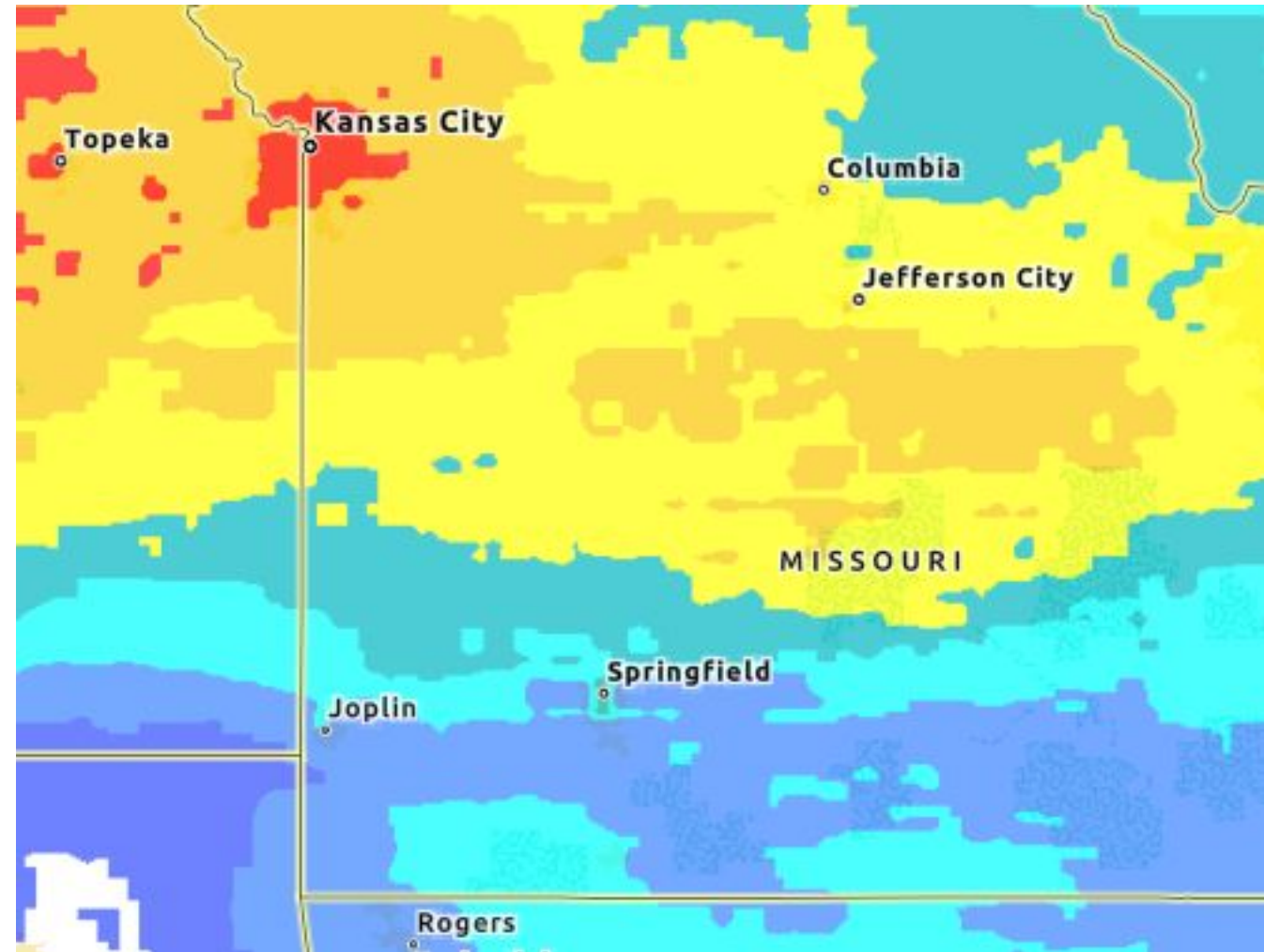
Important Updates

- First issuance

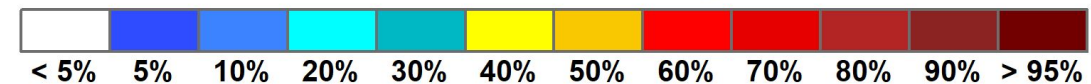
Next Scheduled Briefing

- 6AM Saturday Morning

Probability of Minor Winter Weather Impacts Next Week



Likelihood of Impact



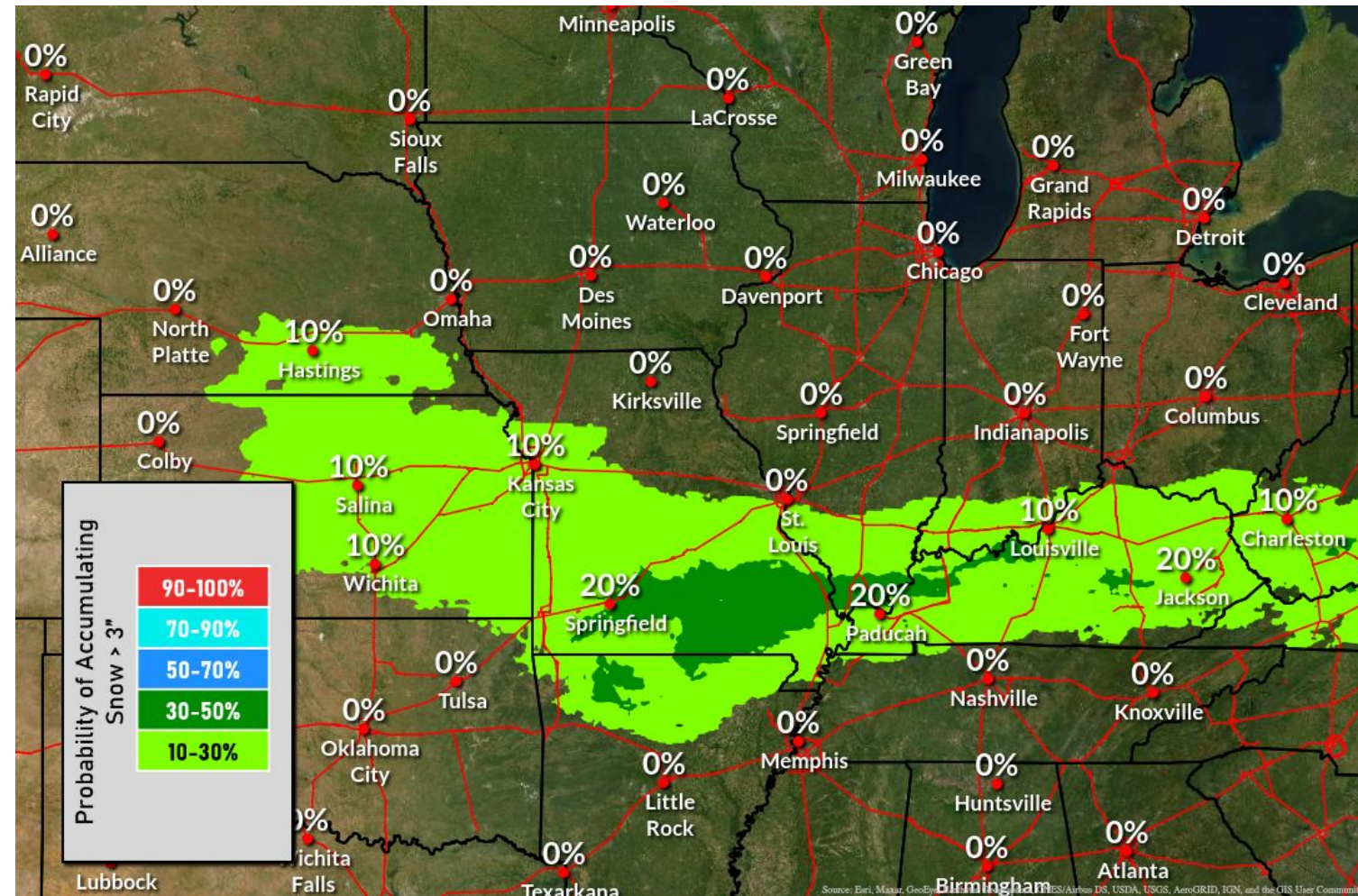


Probabilistic Snowfall – Round 1

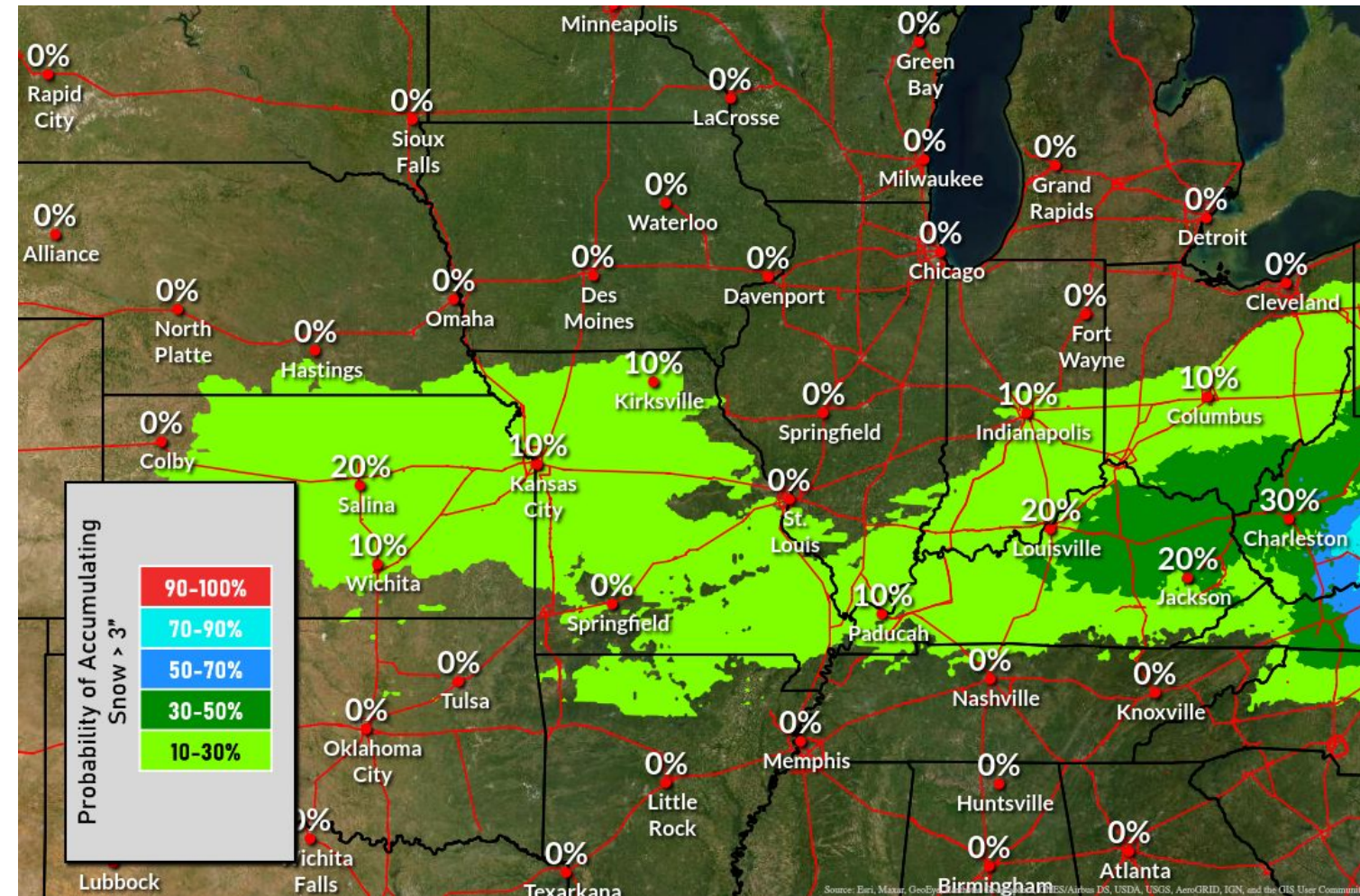
February 7, 2025
3:08 PM

Monday and Tuesday

Probability of Accumulating Snow > 3 inches



Monday – Tuesday Morning



Tuesday

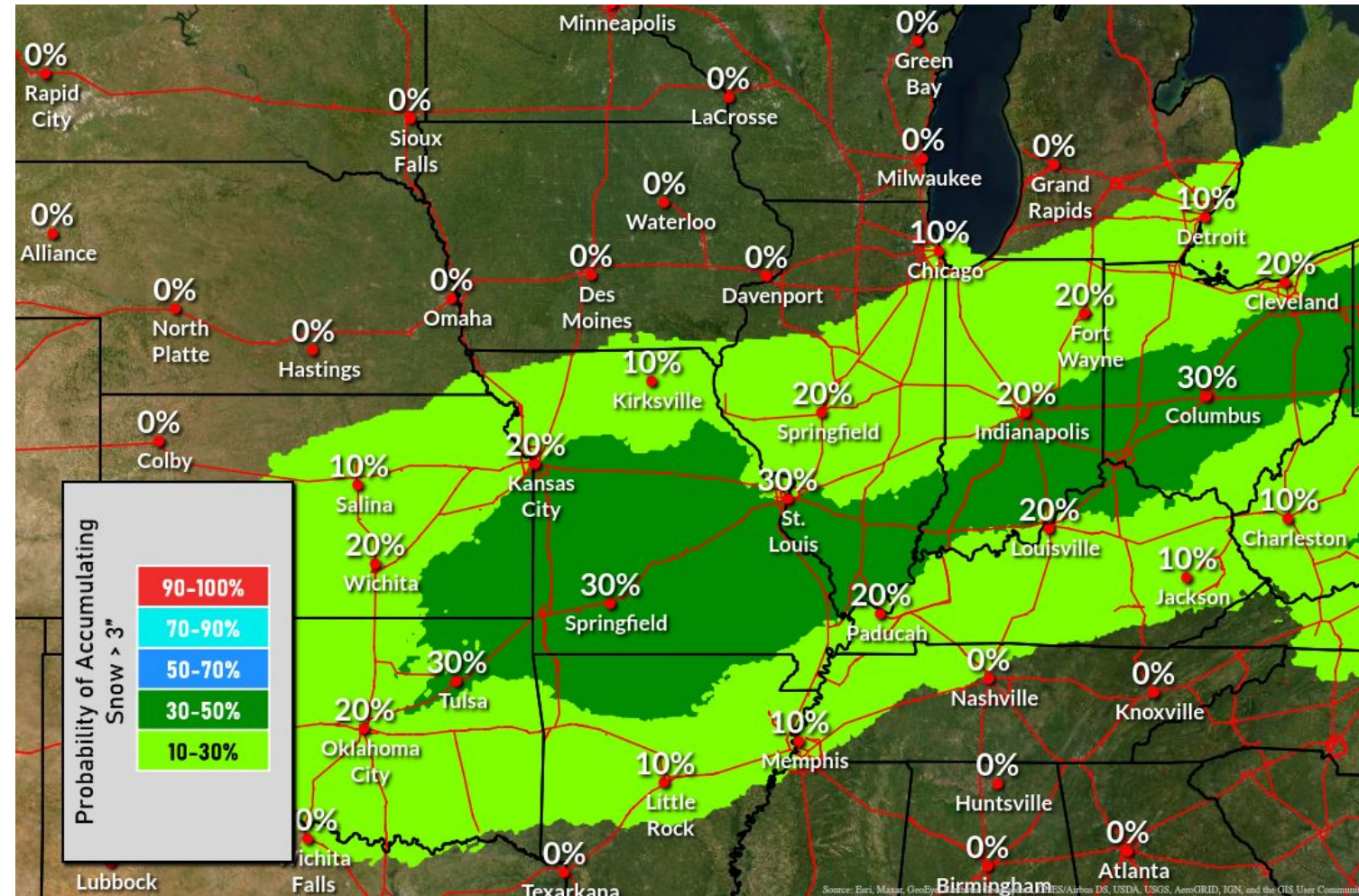


Probabilistic Snowfall – Round 2

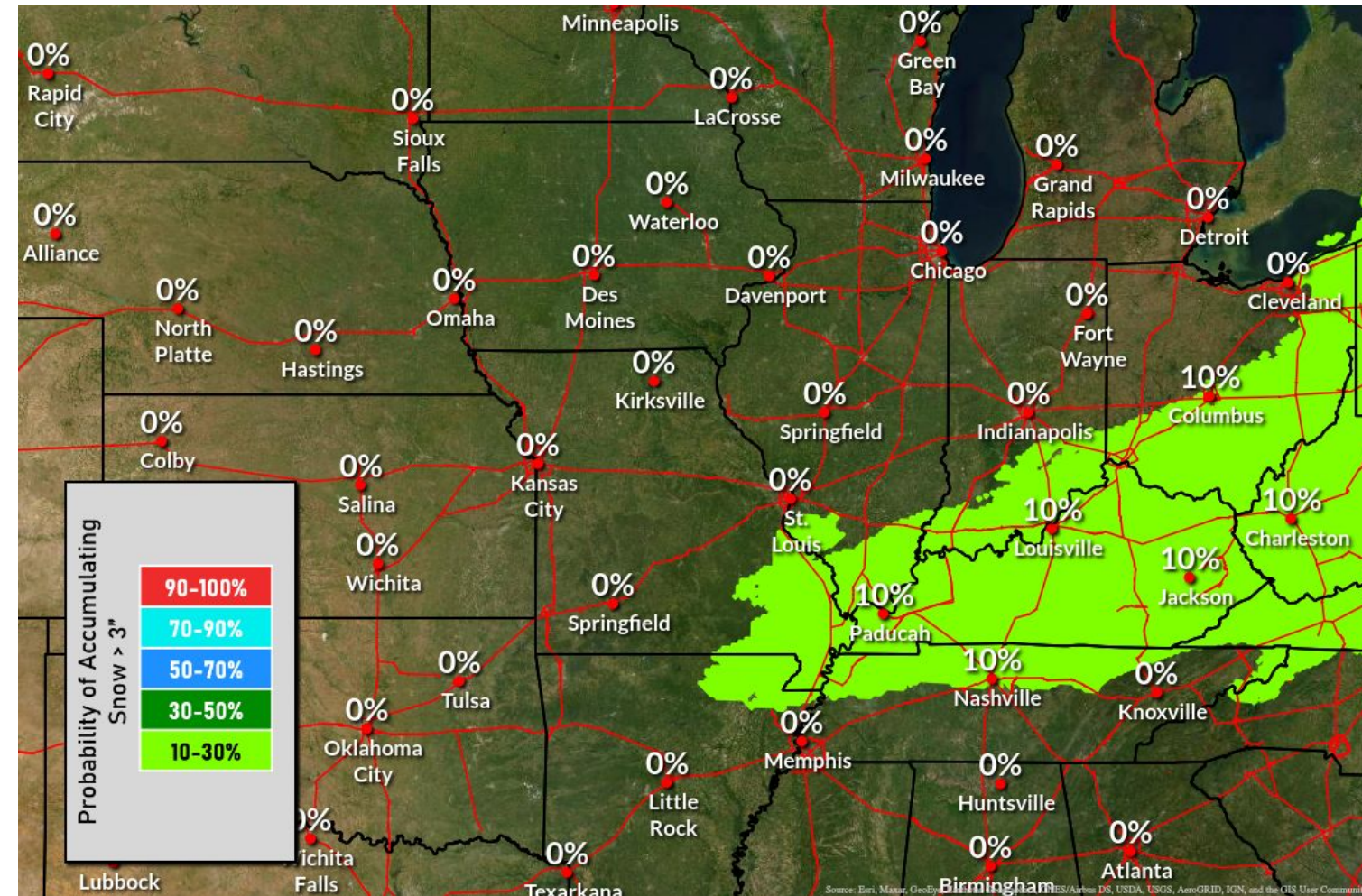
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3:08 PM

Wednesday and Thursday

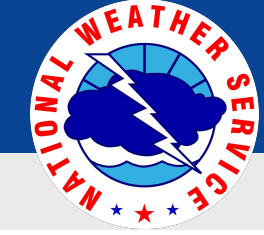
Probability of Accumulating Snow > 3 inches



Wednesday – Thursday Morning

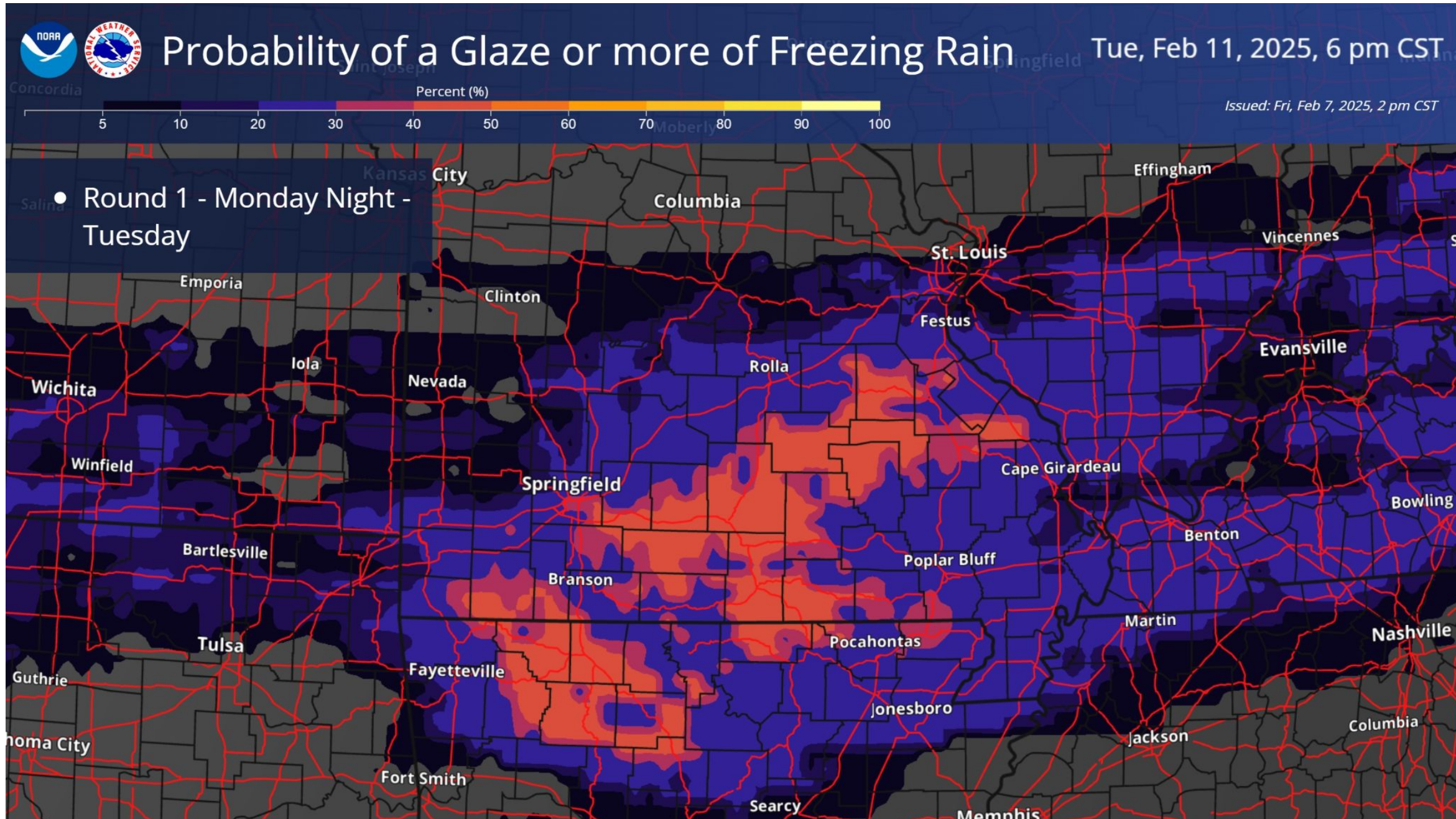


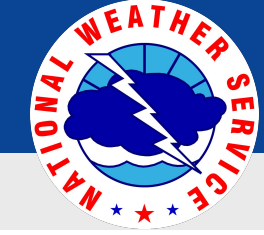
Thursday



Probabilistic Freezing Rain – Round 1

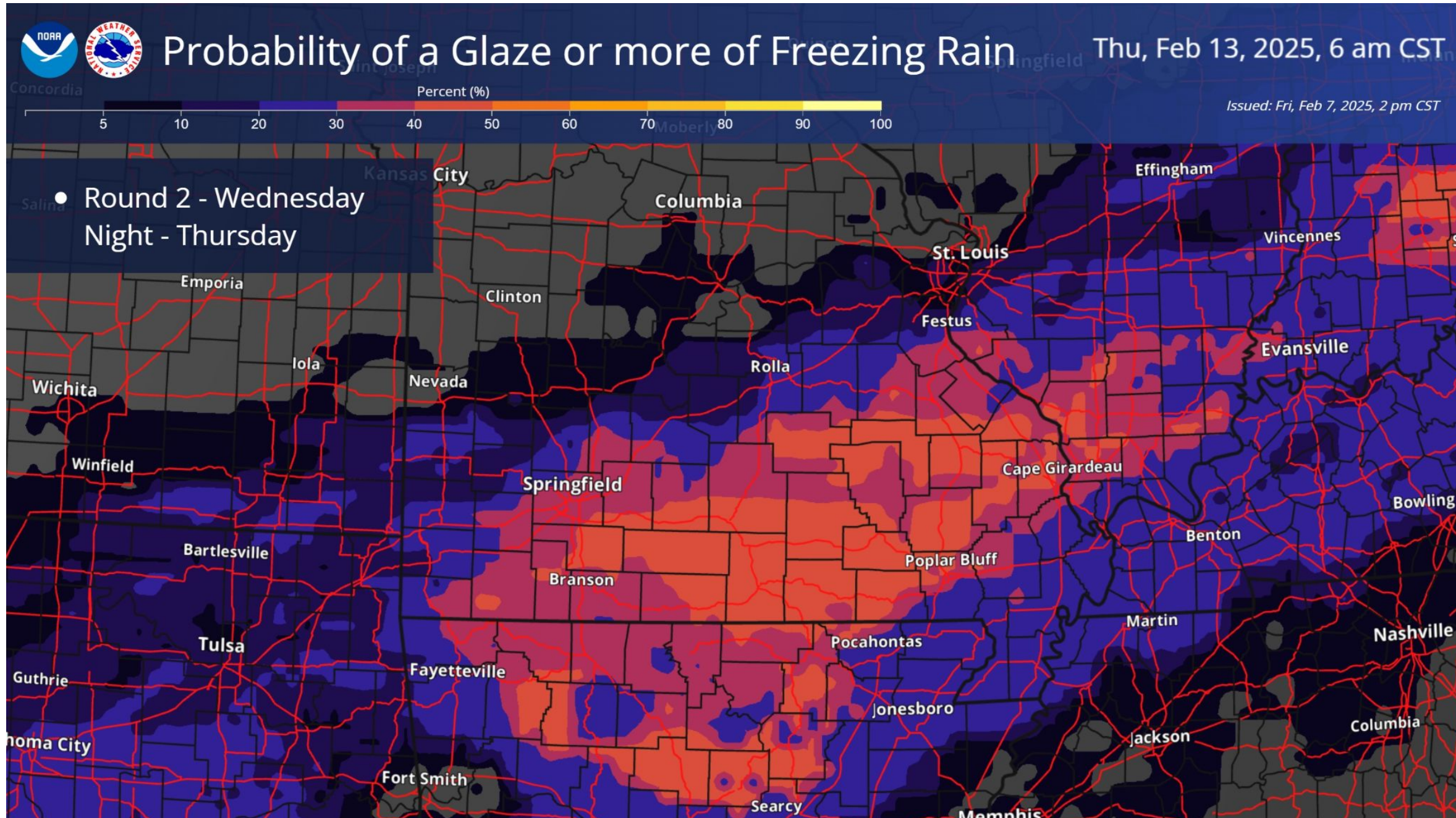
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3:08 PM





Probabilistic Freezing Rain – Round 2

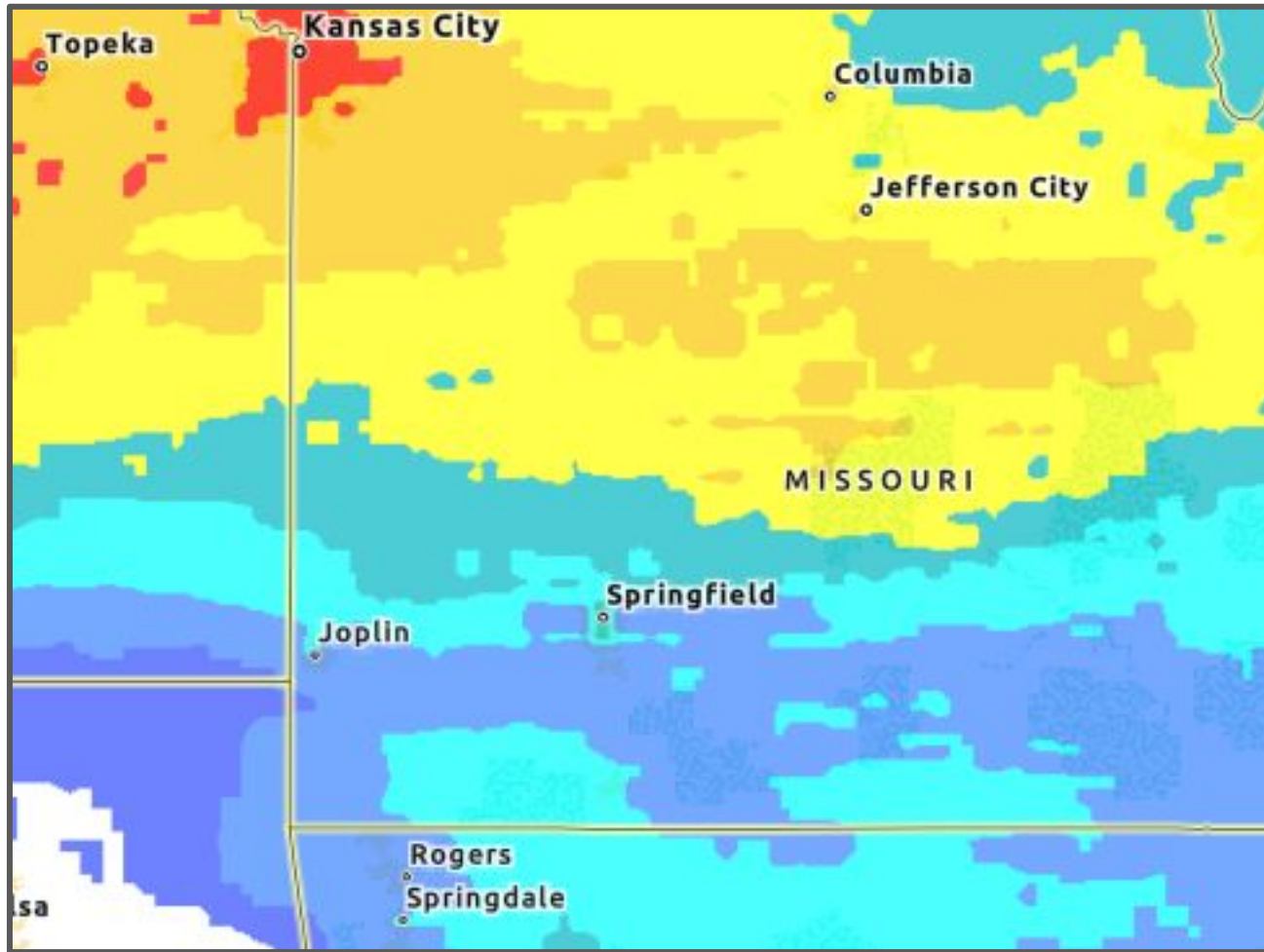
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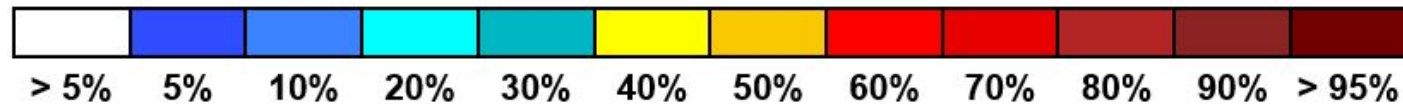


Probabilistic Winter Storm Severity Index

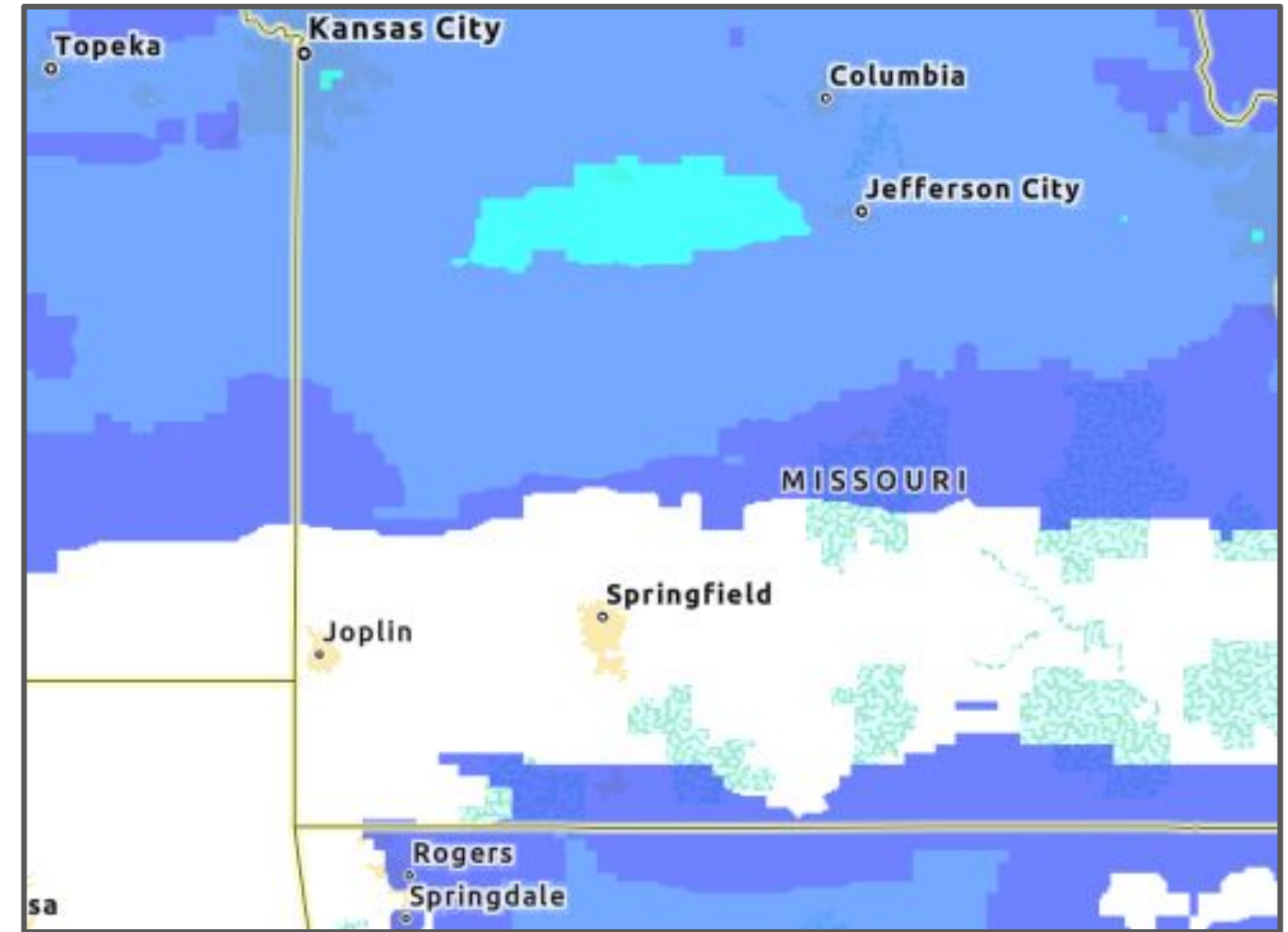
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Likelihood of Impact



Probability of Minor Impacts



Likelihood of Impact



Probability of Moderate Impacts

[Probabilistic WSSI](#)



Confidence Levels – Round 1

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Location



Timing



Amounts



Travel Impacts



Confidence Details

- Round 1 has better support for ice potential than round 2, as there is better upper-level support with warmer temperatures above the surface, matching ice storm climatologies closer.
- There is some uncertainty about where the dividing line between above- and below-freezing temperatures will set up. Thus, precipitation type for a particular location is difficult to pin down.

Alternate Scenarios

- If models are incorrect about the temperature of the atmospheric profile and it ends up being cooler just above the surface, icing may not be a concern. This is a scenario that will be monitored for closely.



Confidence Levels – Round 2

February 7, 2025
3:08 PM

Location



Timing



Amounts



Travel Impacts



Confidence Details

- Round 2 currently has less support for ice potential than round 1, though this could change.
- There is still uncertainty about where the freezing line will set up, which will influence precipitation types.

Alternate Scenarios

- This alternate scenario here is basically that it turns into a second Round 1. Temperature profiles could end up different from forecast, and ice may once again become a concern.



For Additional Information

- [NWS Springfield Webpage](#)
- [IDSS Point Forecasts](#)
- [Graphical Hazardous Weather Outlook](#)
- [NWS Springfield Probabilistic Snowfall](#)
- [MODOT Travel Map](#)
- [KDOT Travel Map](#)
- [Winter Weather Safety](#)
- [Winter Weather Reference Sheet](#)

Winter Storm Planning Timeline

A few days out	The day before	During & After
<p><i>If the forecast calls for winter weather, start preparing now.</i></p> <ul style="list-style-type: none"> Have emergency supplies for your home & car Check your smoke and carbon monoxide detectors Replenish fuel for your car and heating sources 	<p><i>Forecast accuracy continues to improve, so keep checking the latest.</i></p> <ul style="list-style-type: none"> Adjust plans Have multiple ways to receive Warnings Bring pets indoors and ensure they have water 	<p><i>Remain vigilant and stay informed. Drive only if necessary.</i></p> <ul style="list-style-type: none"> Check on neighbors and family Properly ventilate emergency heat sources Keep generators at least 20 feet from your home Take it easy when shoveling

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