



Winter Storm Ahead this Weekend

January 3, 2025

4:29 AM

Main Impacts from 6 PM Saturday to 6 AM Monday

Key Messages

- Winter Storm Watch in effect for portions of central Missouri and the eastern Ozarks and east central Kansas.
- Increasing confidence in an impactful wintry mix of freezing rain, sleet, and snow along with gusty winds.
- High confidence in well below normal temperatures next week.

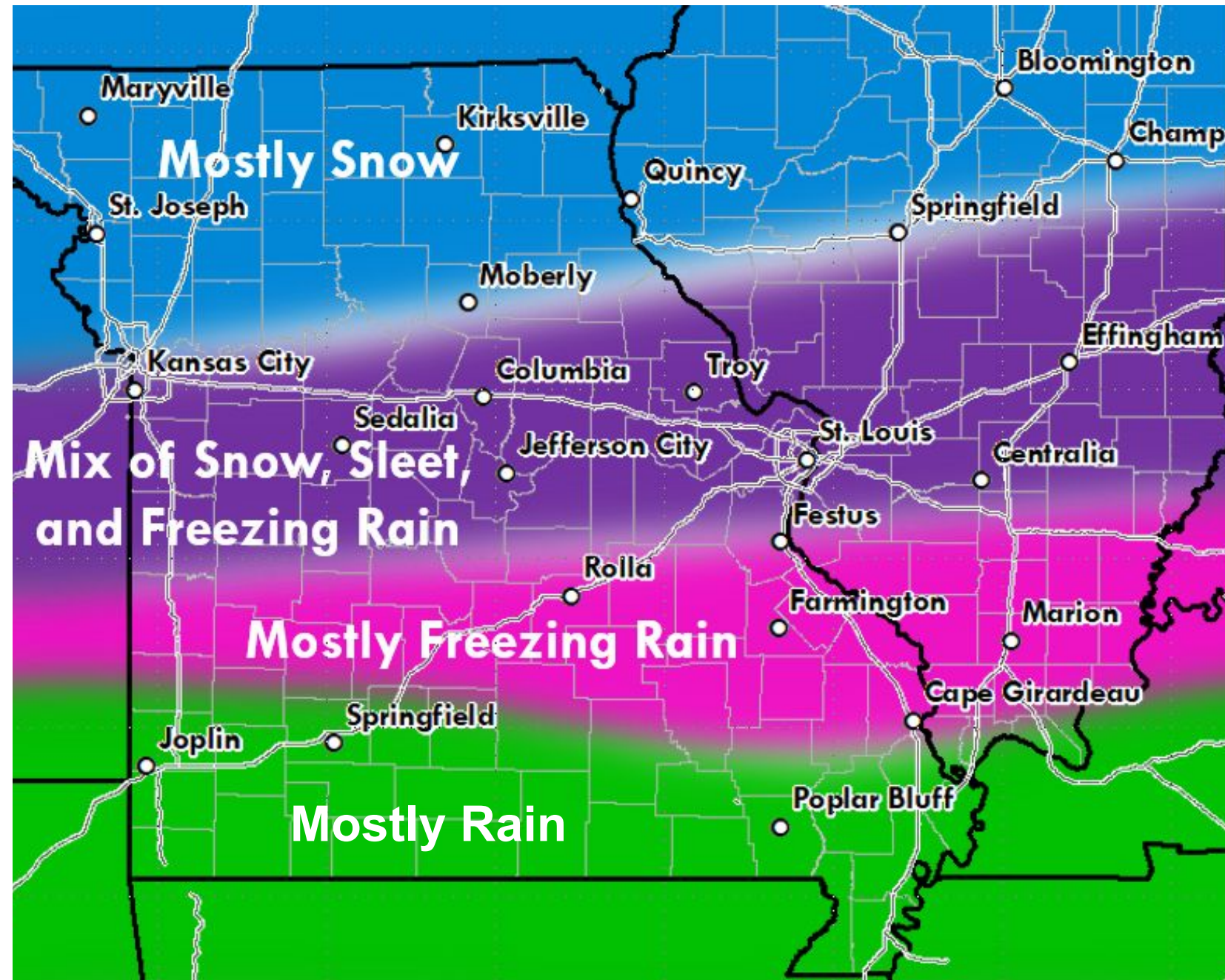
NEW

Important Updates

- Winter Storm Watch extended slight south and west through Monday Morning (6 AM).
- The area for rain has been expanded a bit further north.
- Potential to see a brief period of freezing drizzle Saturday morning/afternoon.

Next Scheduled Briefing

- By 6 PM on January 3





Winter Storm Watch

January 3, 2025

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In effect from Saturday 6 PM through Monday Morning 6 AM

Watch Details



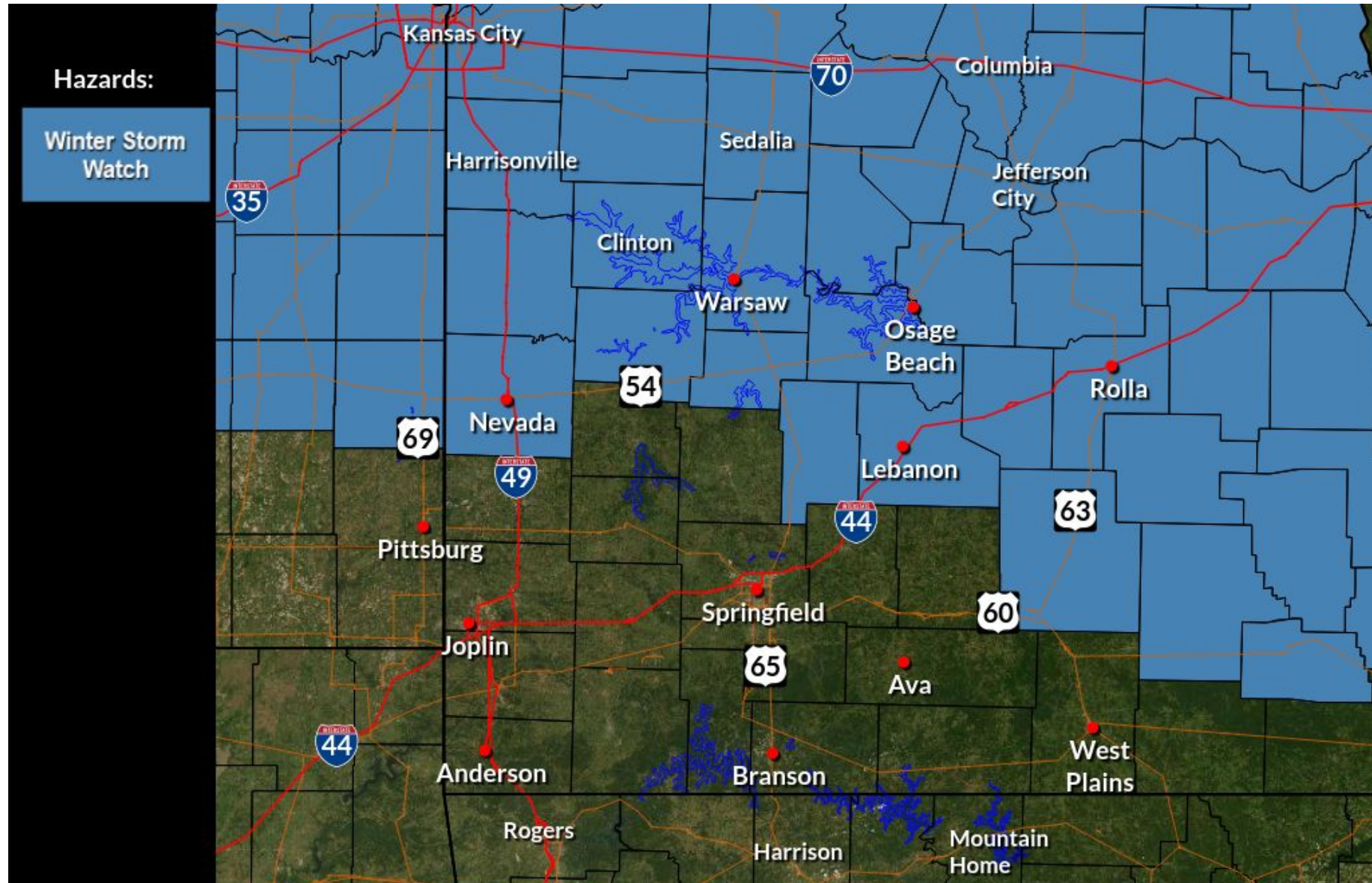
In effect from Saturday 6 PM through Monday Morning 6 AM.



Periods of heavy mixed precipitation will occur in the watch area at times from Saturday evening into Sunday night.

Total snow and sleet accumulations of 2 to 4 inches in the watch area with locally higher amounts up to 5 inches possible across portions of central Missouri.

Total ice accumulations around one tenth to a quarter-inch with locally higher amounts to around one half inch possible in the watch area.



Winter Storm Watch



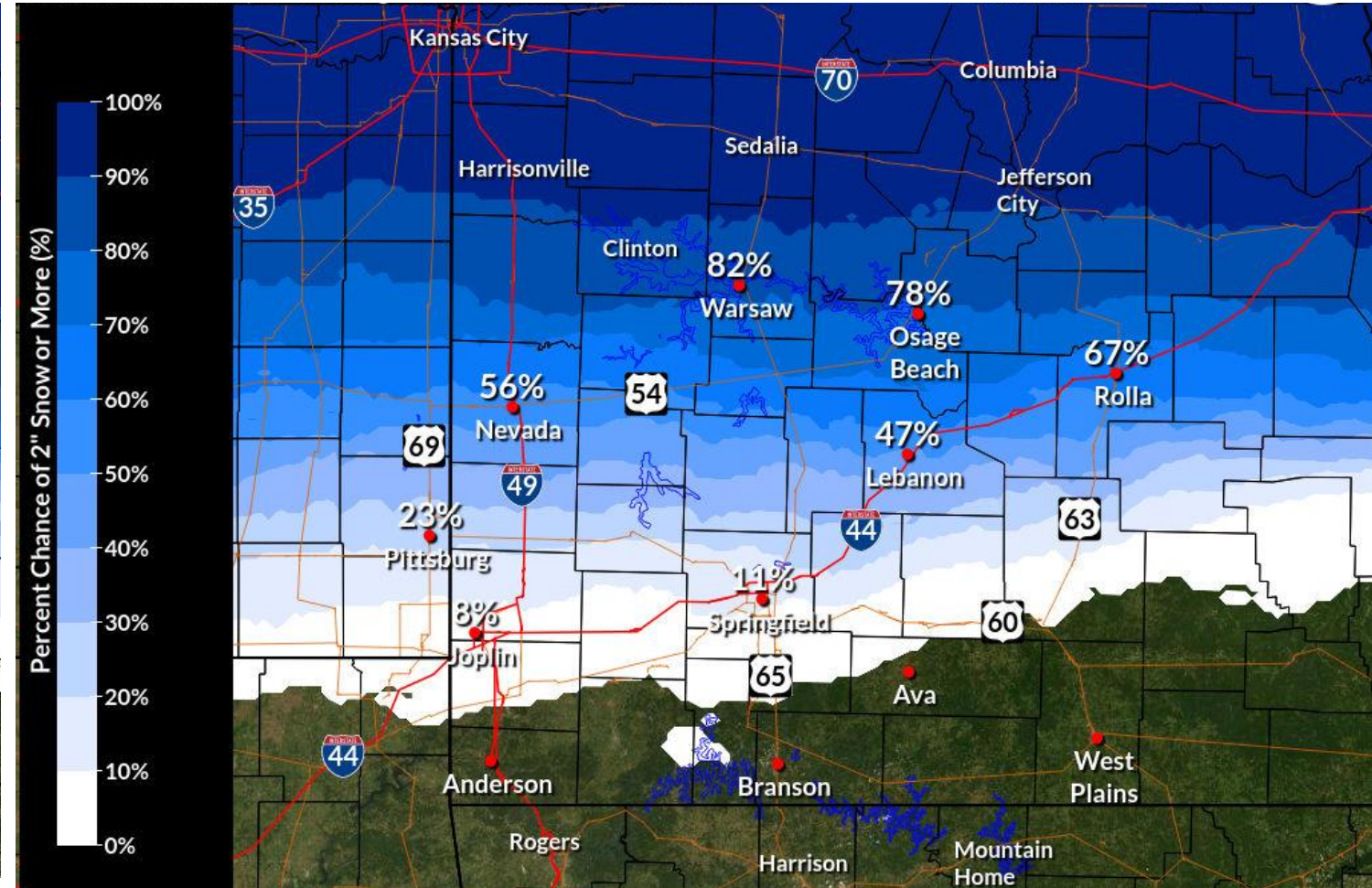
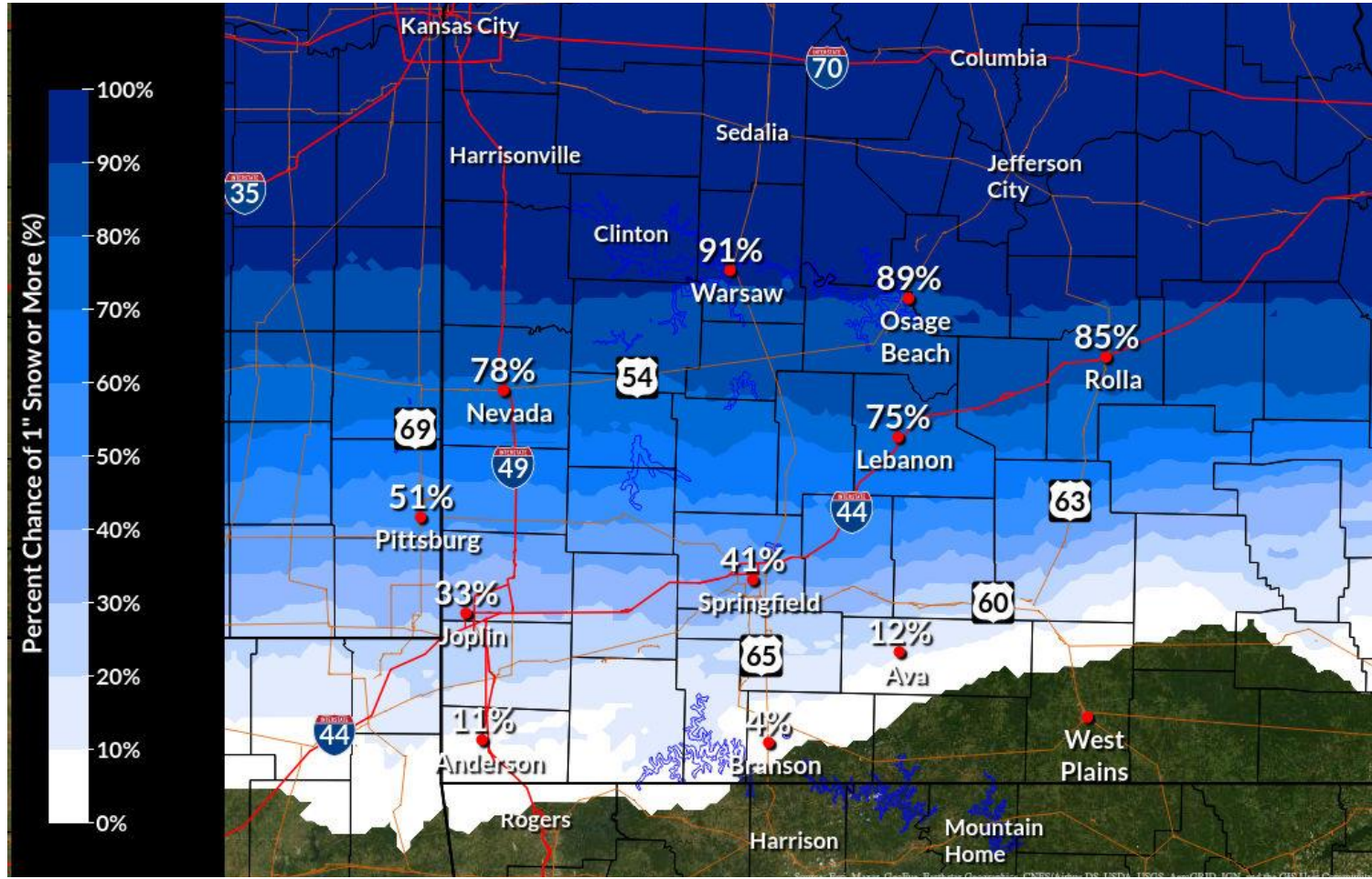


Probabilistic Snow Accumulations

January 3, 2025

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Saturday evening through early Monday morning



Probability of > 1 inch of Snow and Sleet

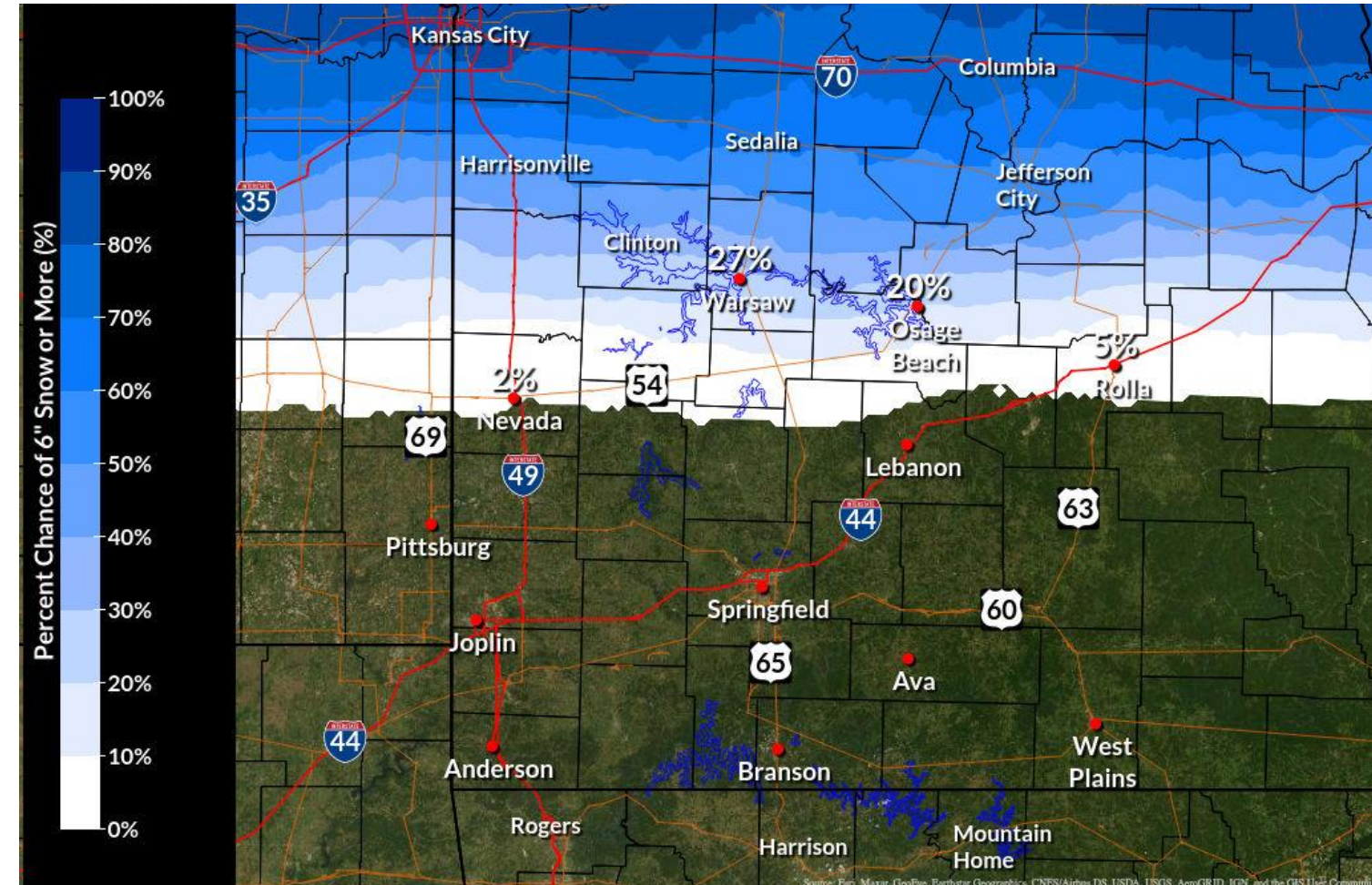
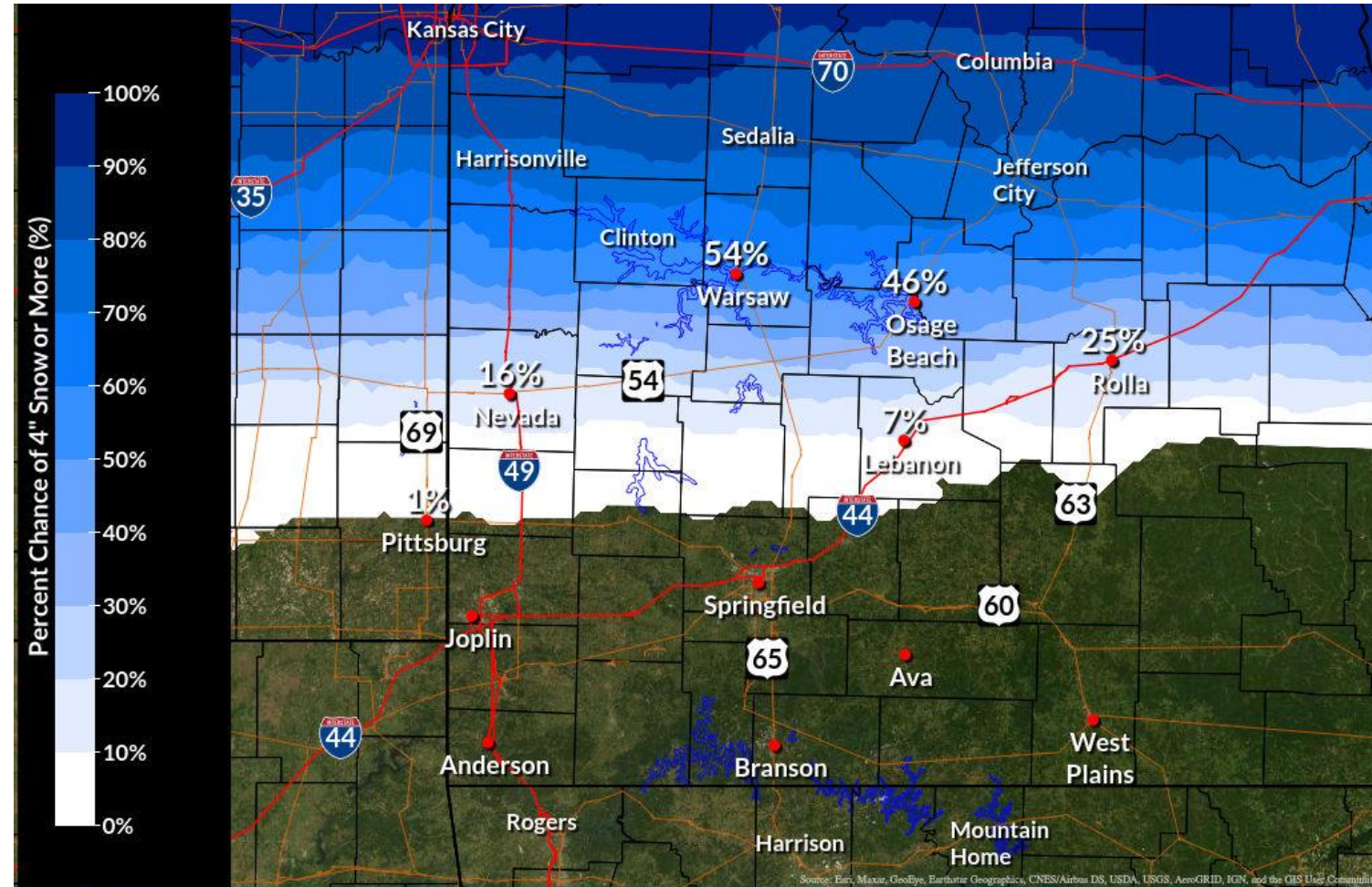
Probability of > 2 inches of Snow and Sleet



Probabilistic Snow Accumulations

January 3, 2025
4:29 AM

Saturday evening through early Monday morning



Probability of > 4 inches of Snow and Sleet

Probability of > 6 inches of Snow and Sleet

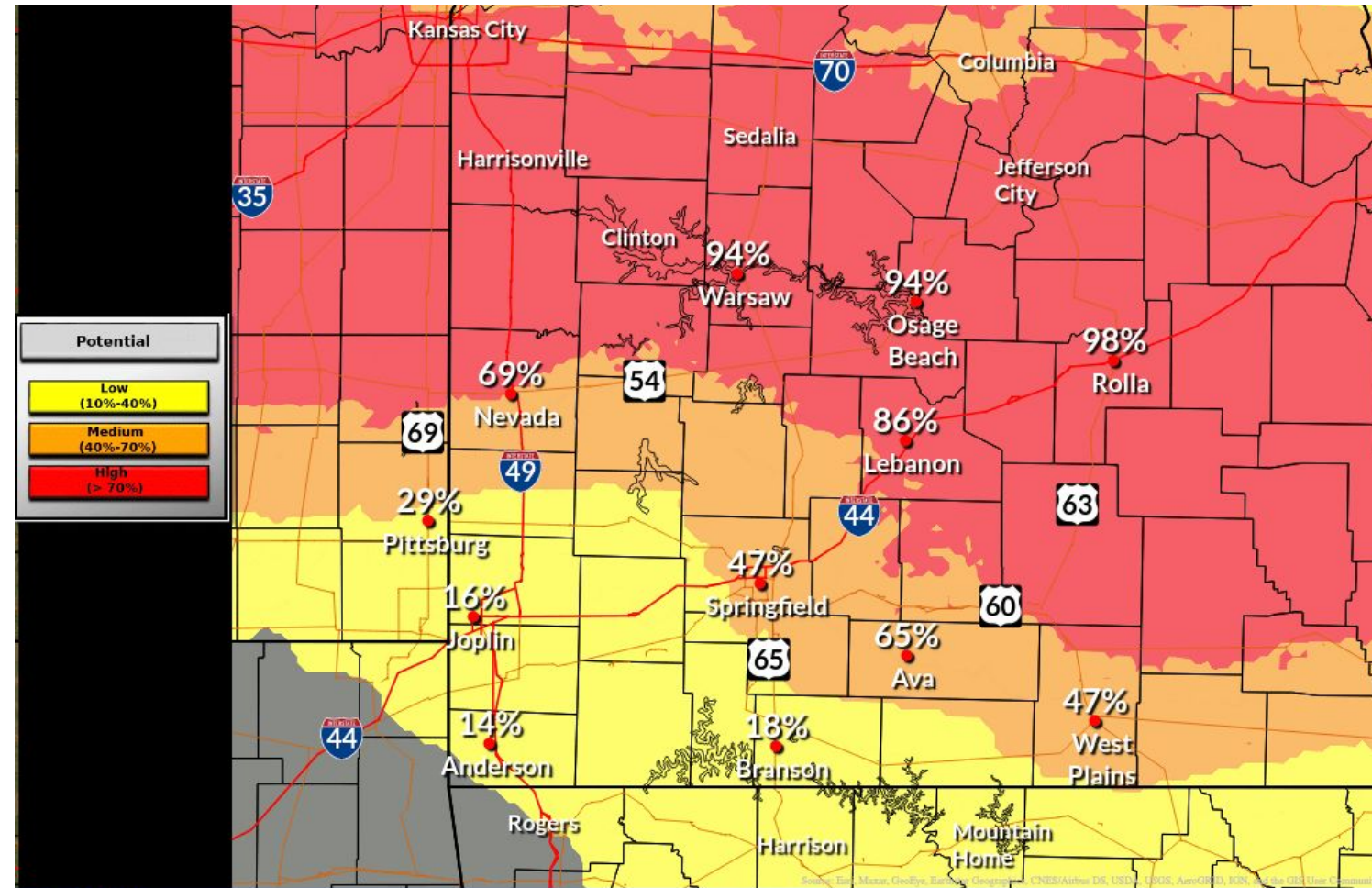


Potential Ice Accumulations

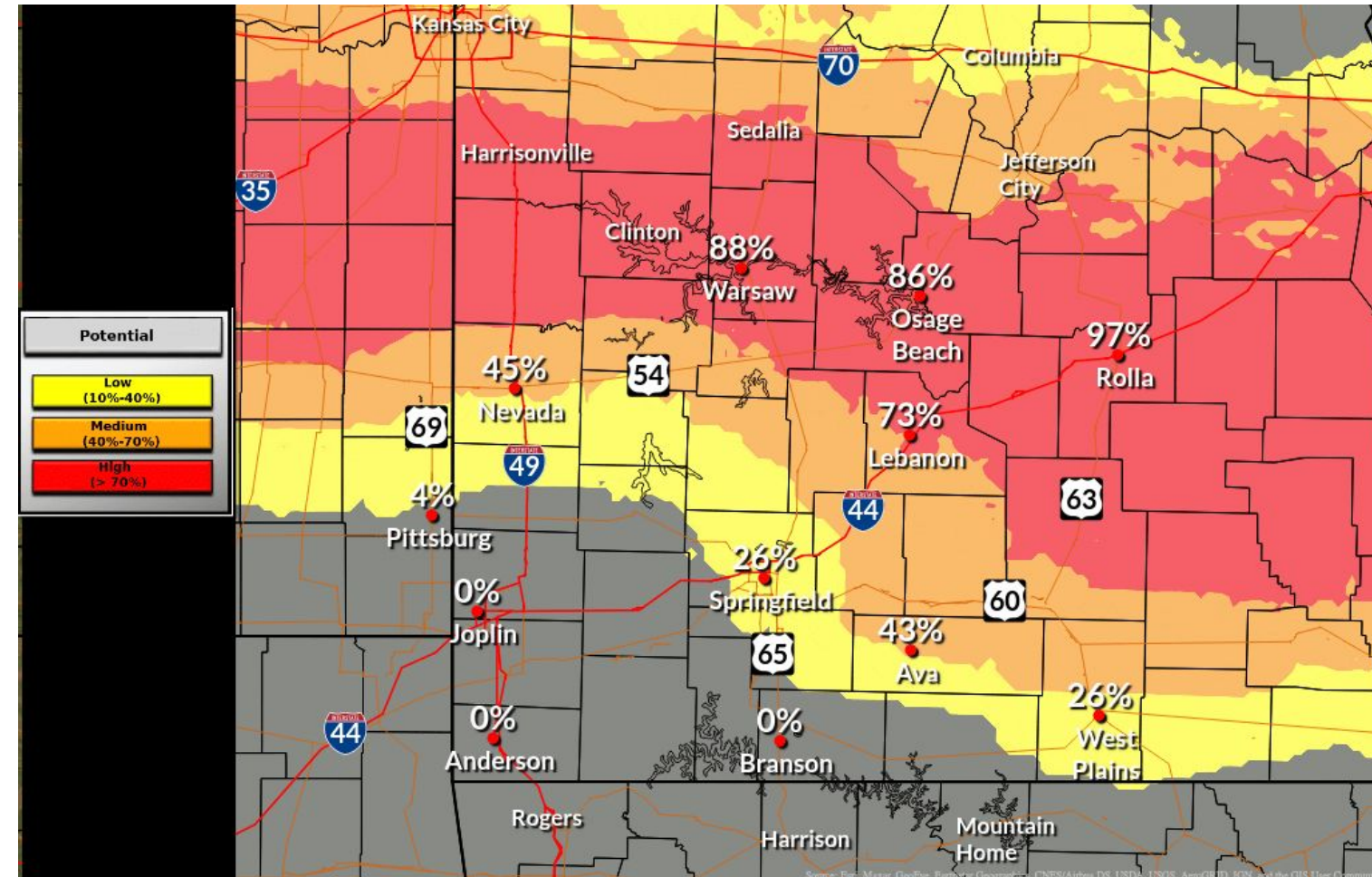
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Saturday into Sunday night



Potential for at least a glaze of ice



Potential for greater than a tenth of an inch of ice

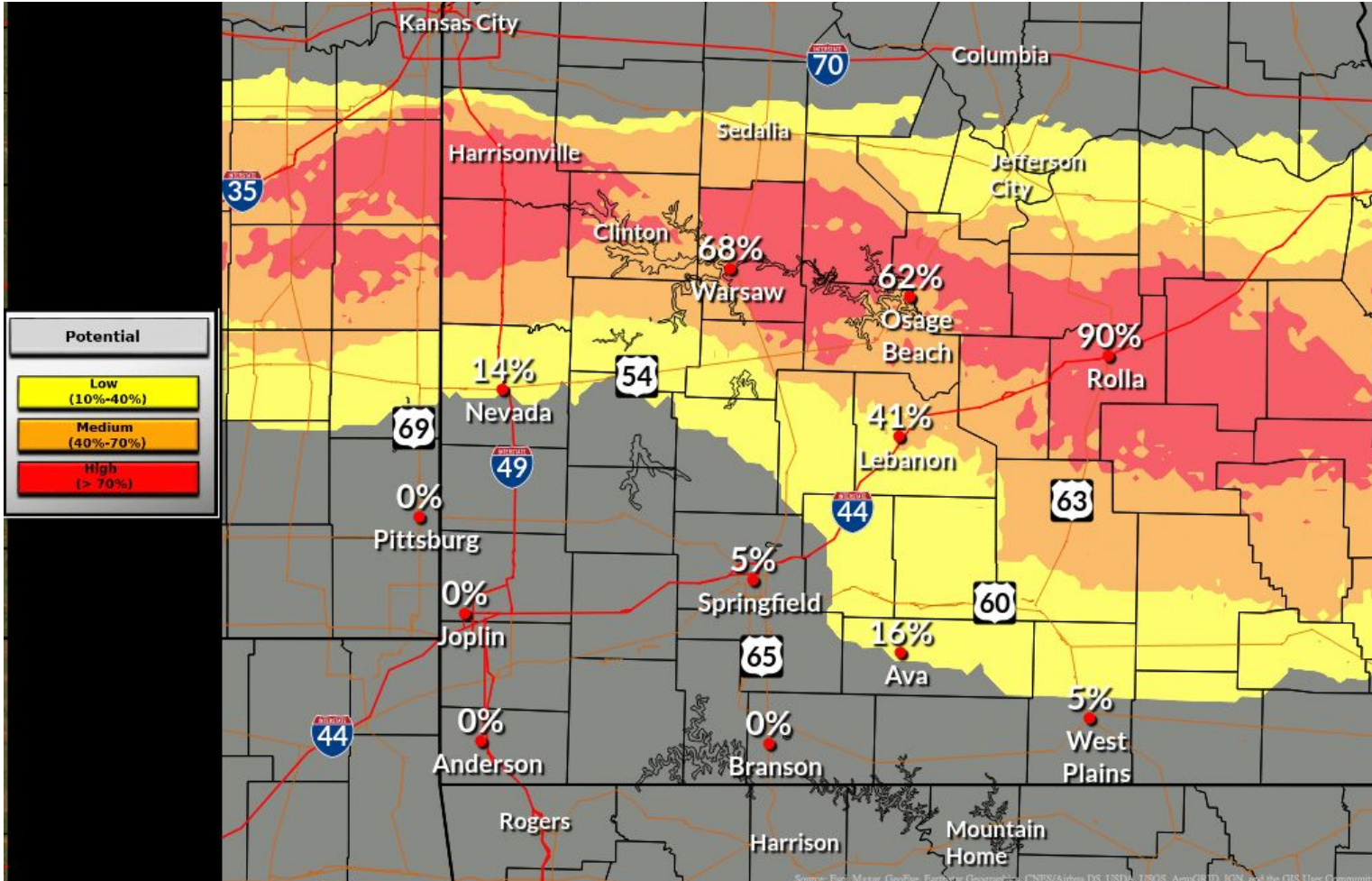


Potential Ice Accumulations

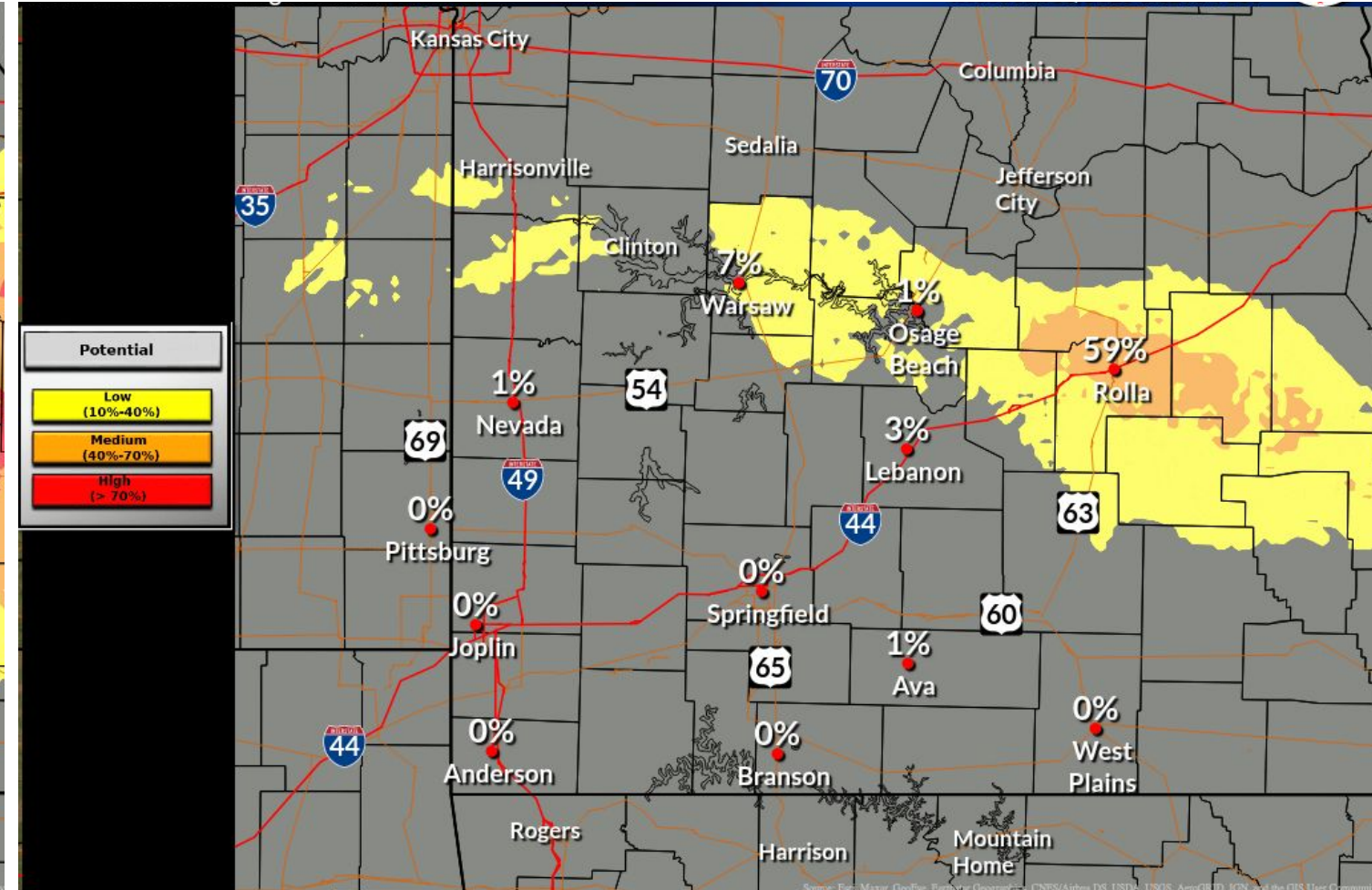
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Saturday into Sunday night



Potential for greater than one quarter of an inch of ice



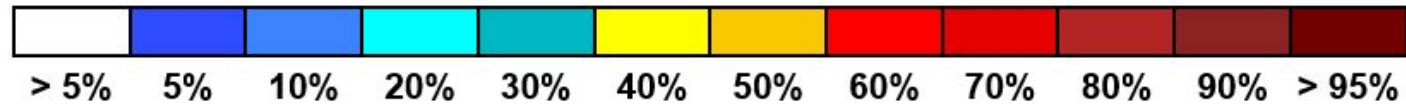
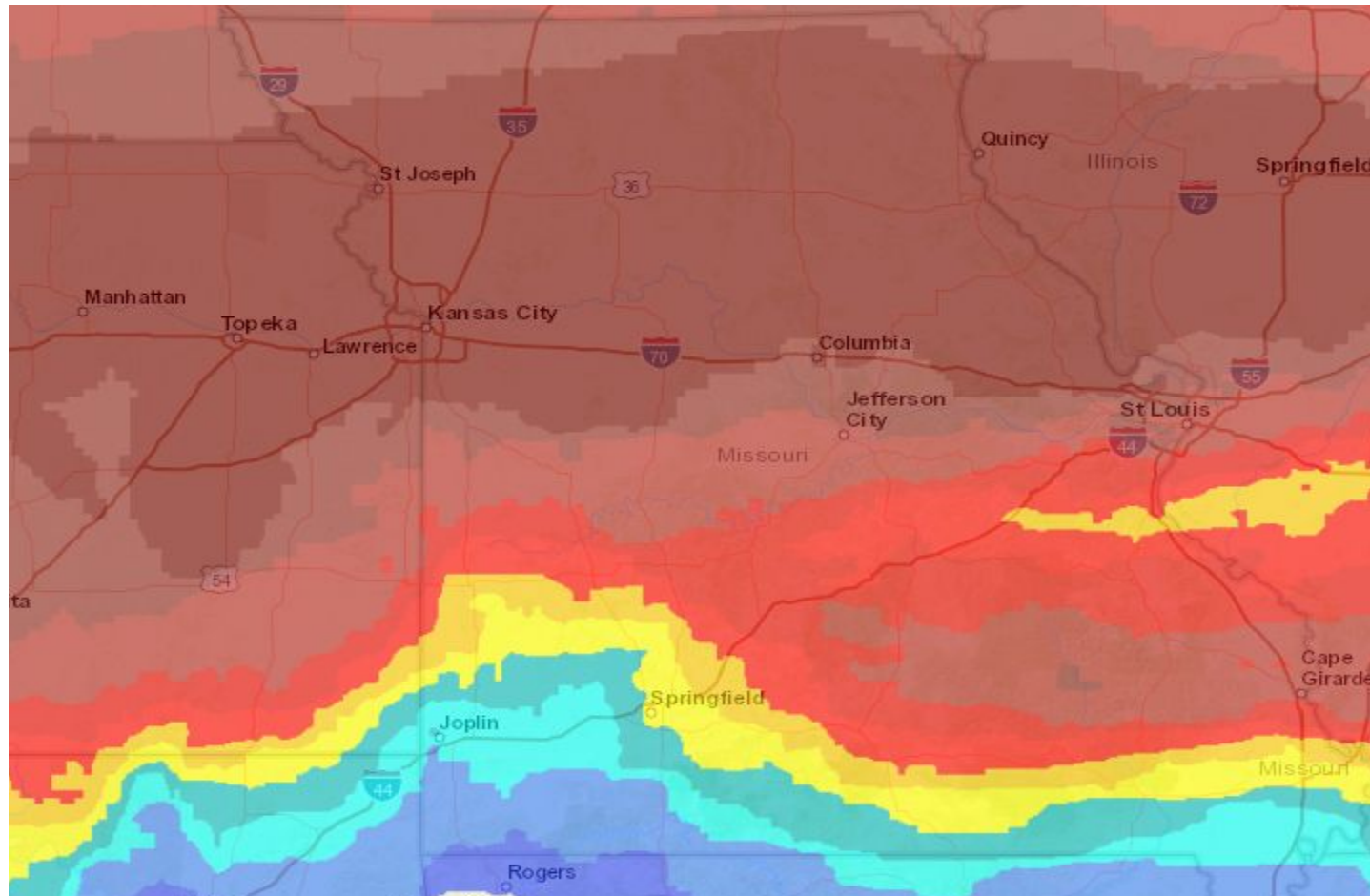
Potential for greater than one half of an inch of ice



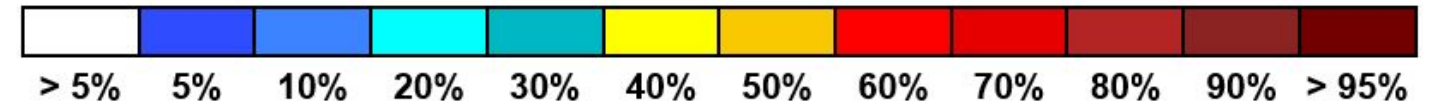
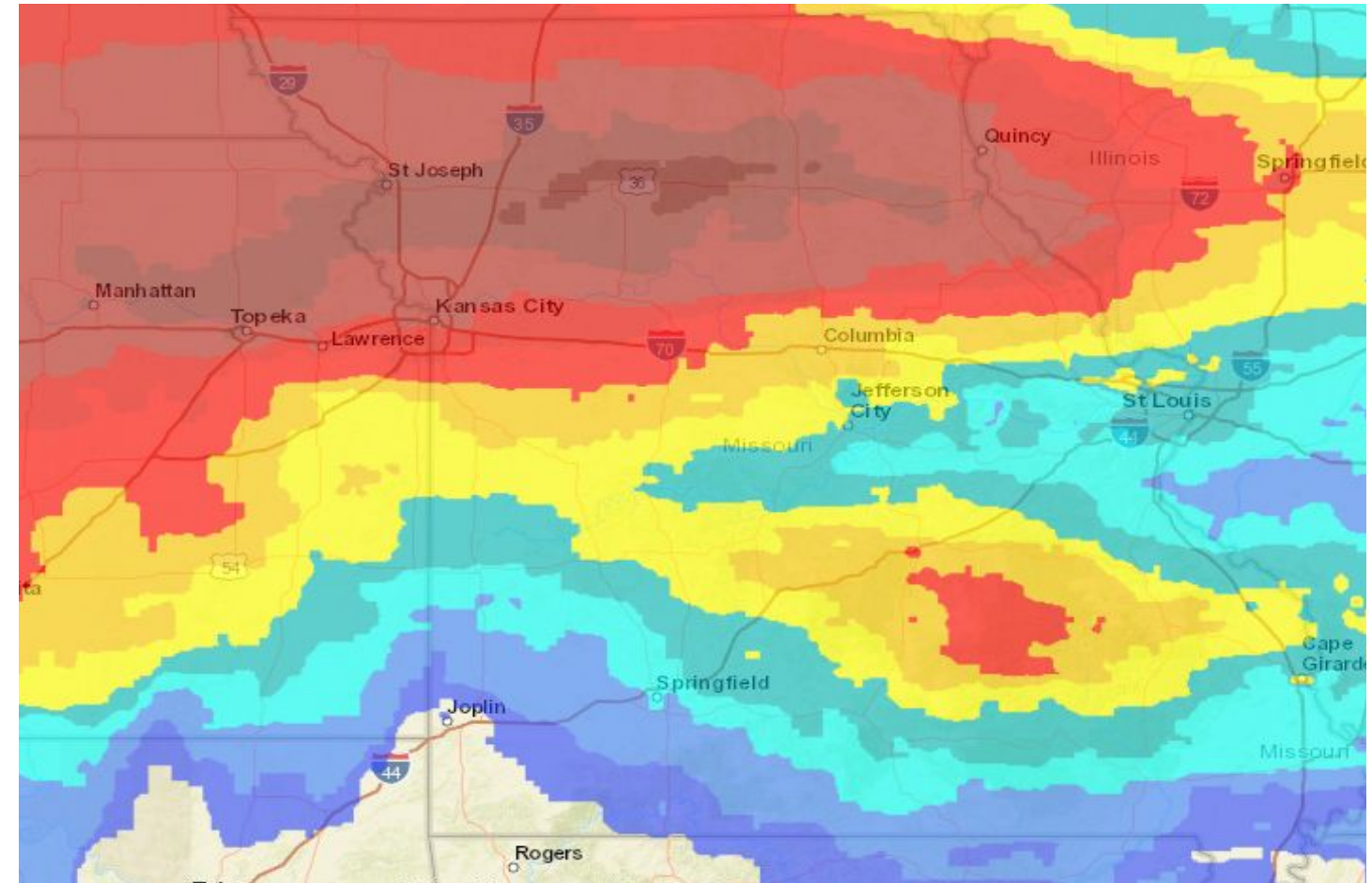
Probabilistic Winter Storm Severity Index

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4:29 AM

Increasing probabilities for Minor to Moderate Impacts



Probability of Minor Impacts



Probability of Moderate Impacts

[Probabilistic WSSI](#)



Confidence Levels

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Location



Timing



Amounts



Travel Impacts



Confidence Details

- There still remains uncertainty on the exact locations of wintry precipitation with large weather model ranges in snow and ice accumulations.
- The ultimate location of key features such as the freezing line will play key roles in eventual amounts.

Alternate Scenarios

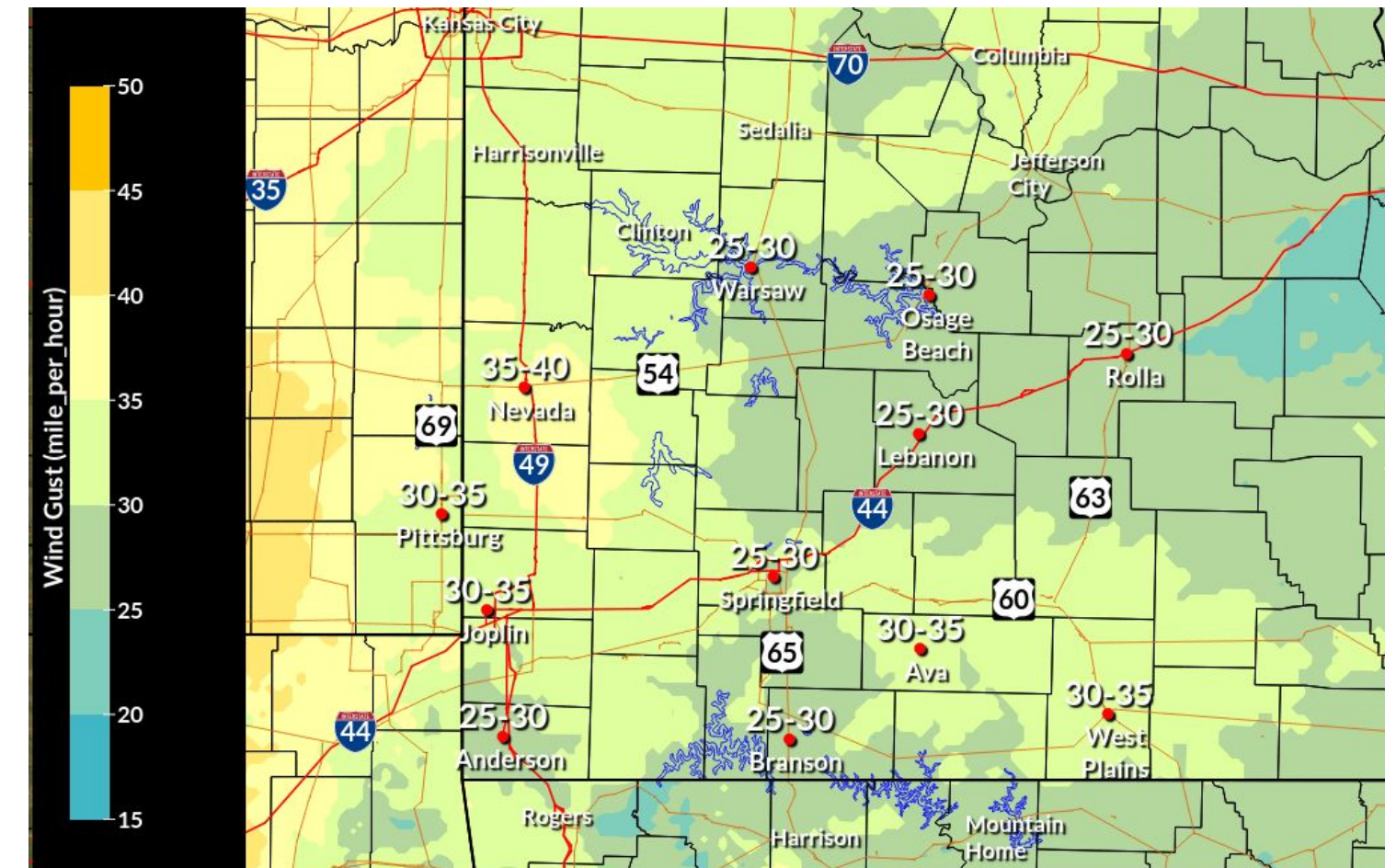
- Warm air above the surface could shift farther north and result in more freezing rain than snow across central Missouri.
- Thunderstorms could result in heavy areas of sleet across the eastern Ozarks. This would locally reduce ice accumulations.
- The surface freezing line will be critical regarding eventual ice amounts.



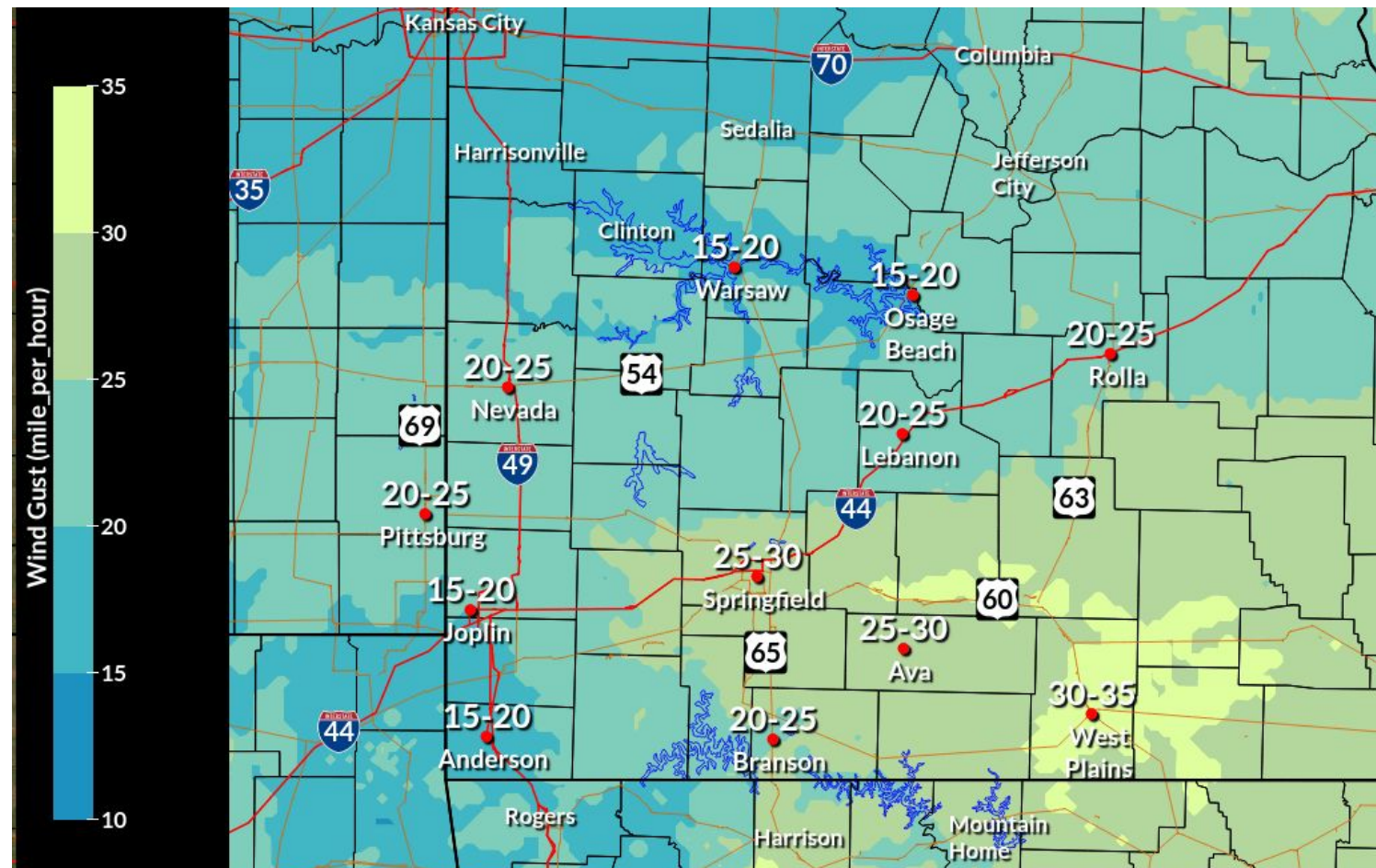
Forecast Wind Gusts

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Another concern from this storm system will be the combination of wind and ice accumulation. Power outages and tree damage are possible due to the ice, especially if higher localized amounts materialize. Travel may be dangerous.



Sunday



Monday



Very Cold Ahead Next Week

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Key Messages

- High confidence in well below normal temperatures next week.
- Temperatures 15 to 25 degrees below normal.
- Wind chills of 0 to -10 during the late night and early morning hours next week.
- Vulnerable populations should take necessary precautions and put plans into action.

Forecast Highs

20-30°

Normal Highs

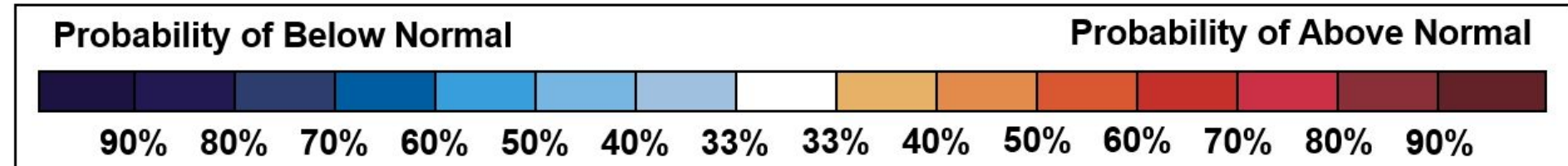
40-45°

Forecast Lows

2-15°

Normal Lows

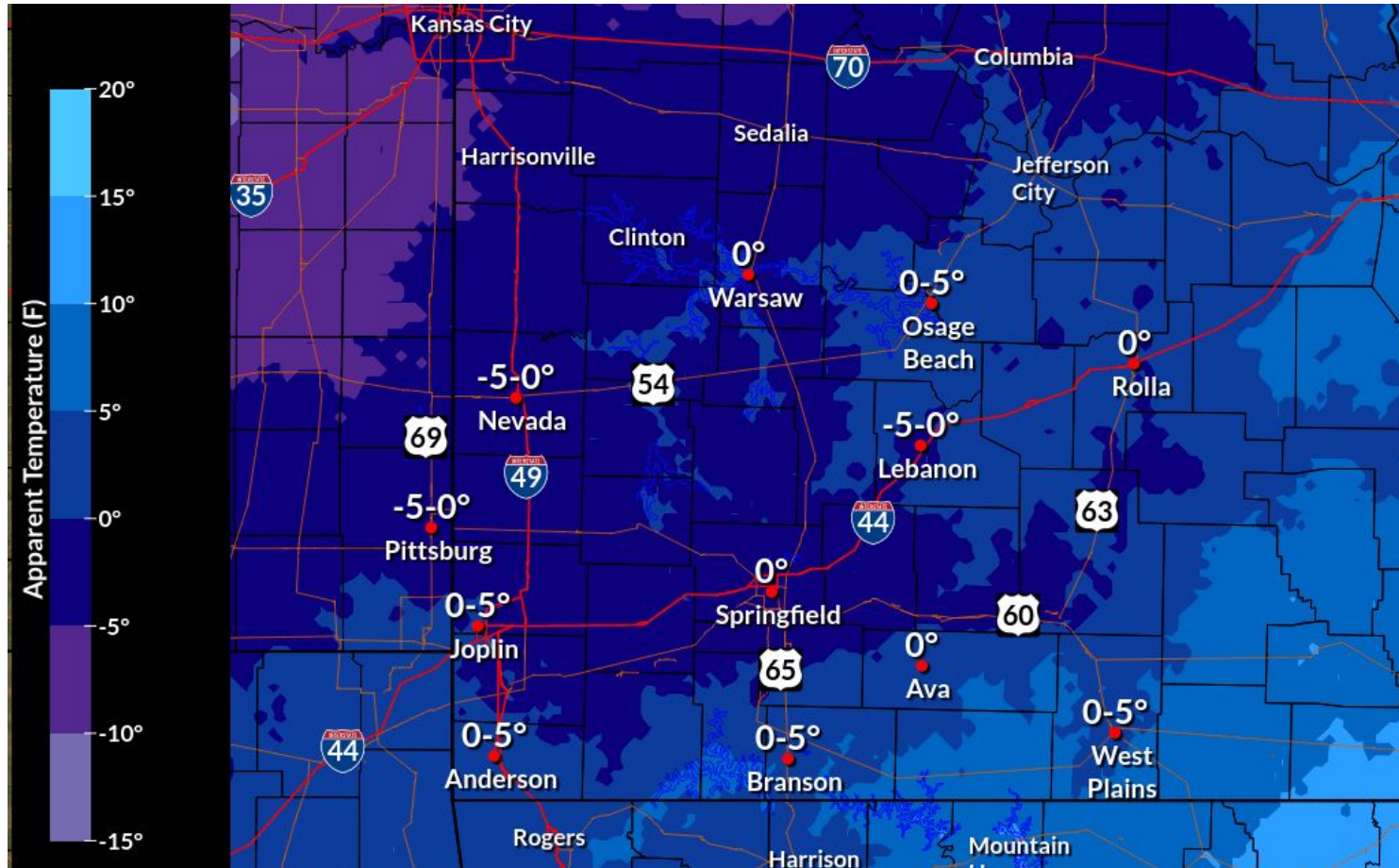
23-25°



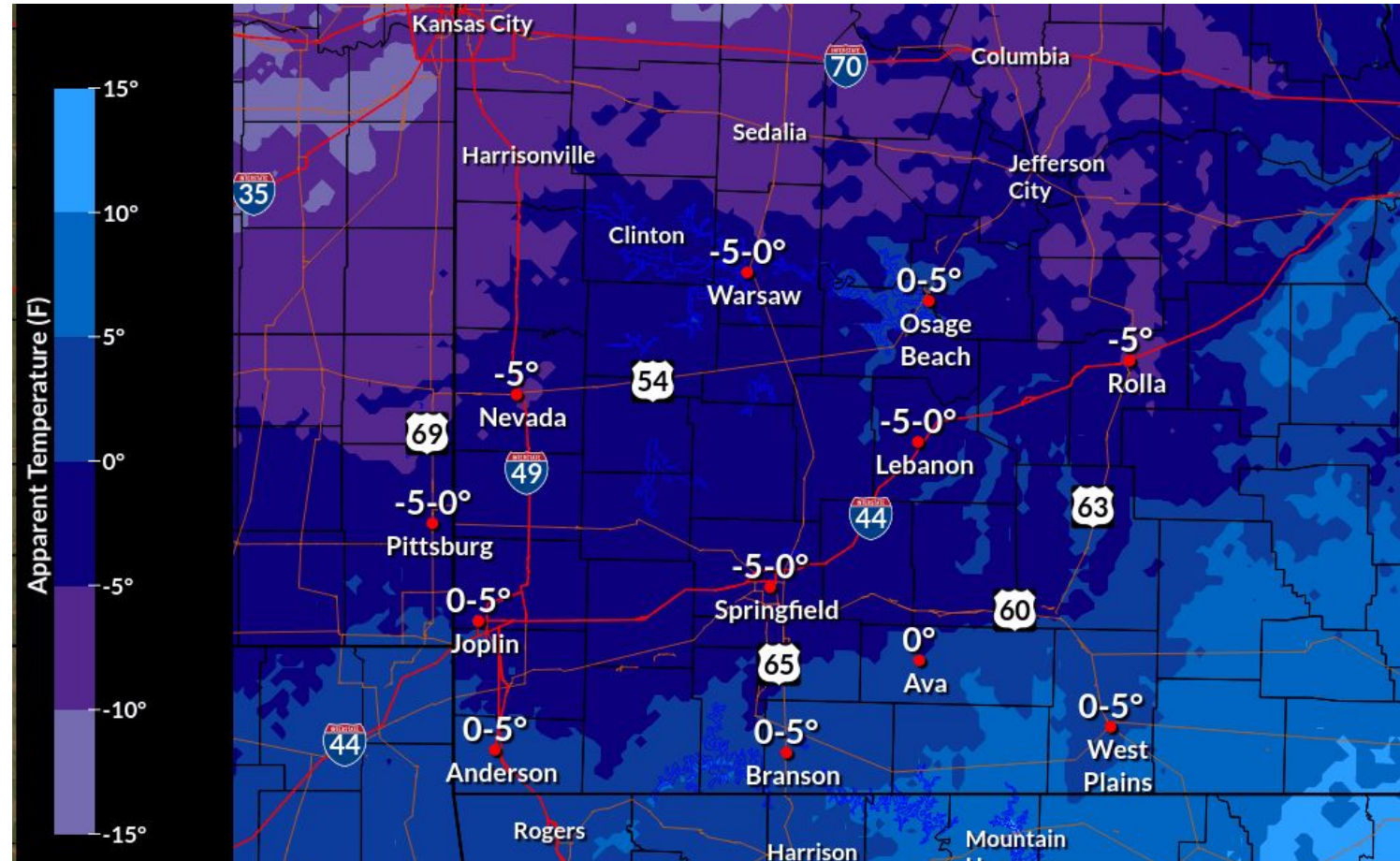


Forecast Minimum Wind Chills

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Sunday Night

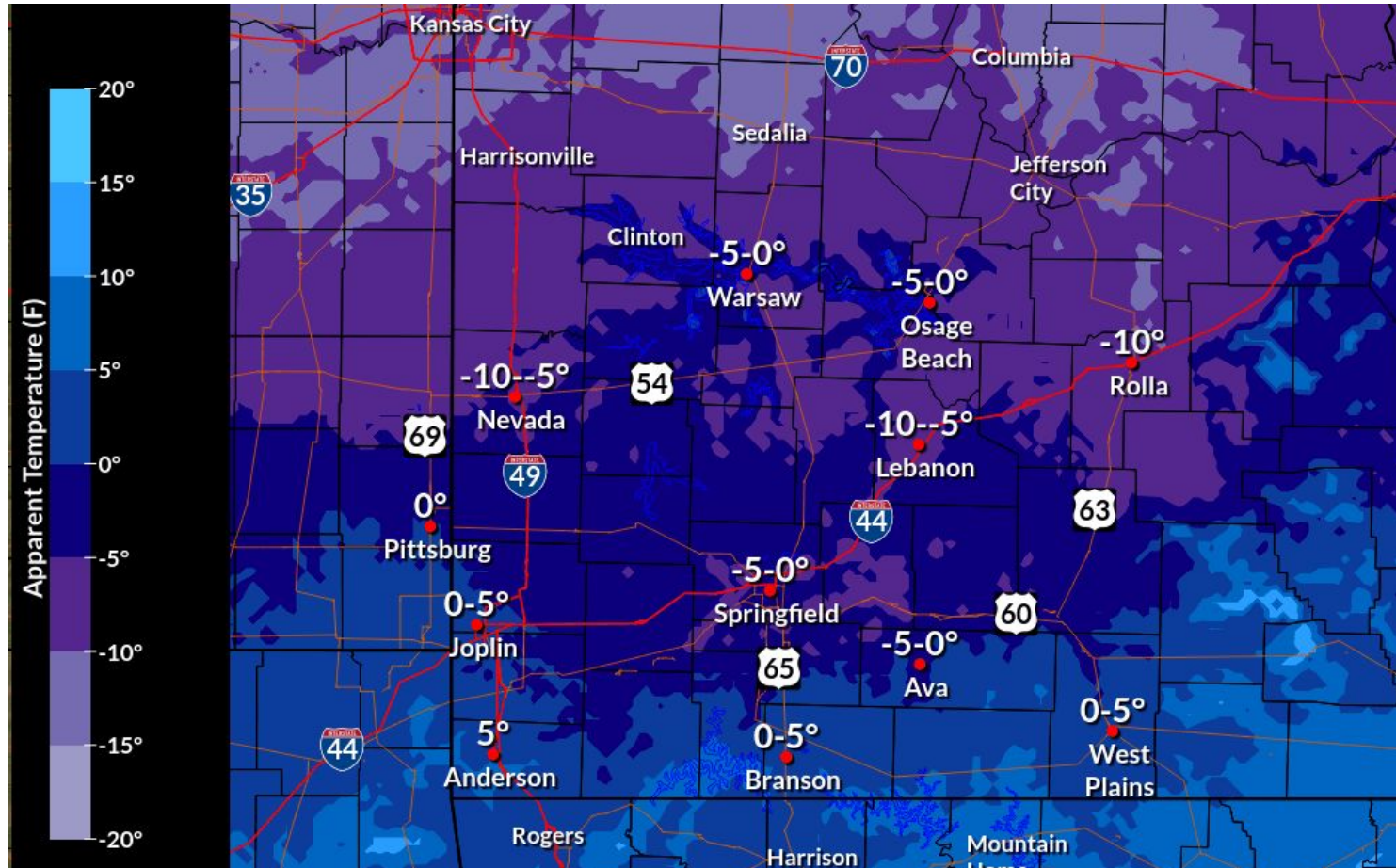


Monday

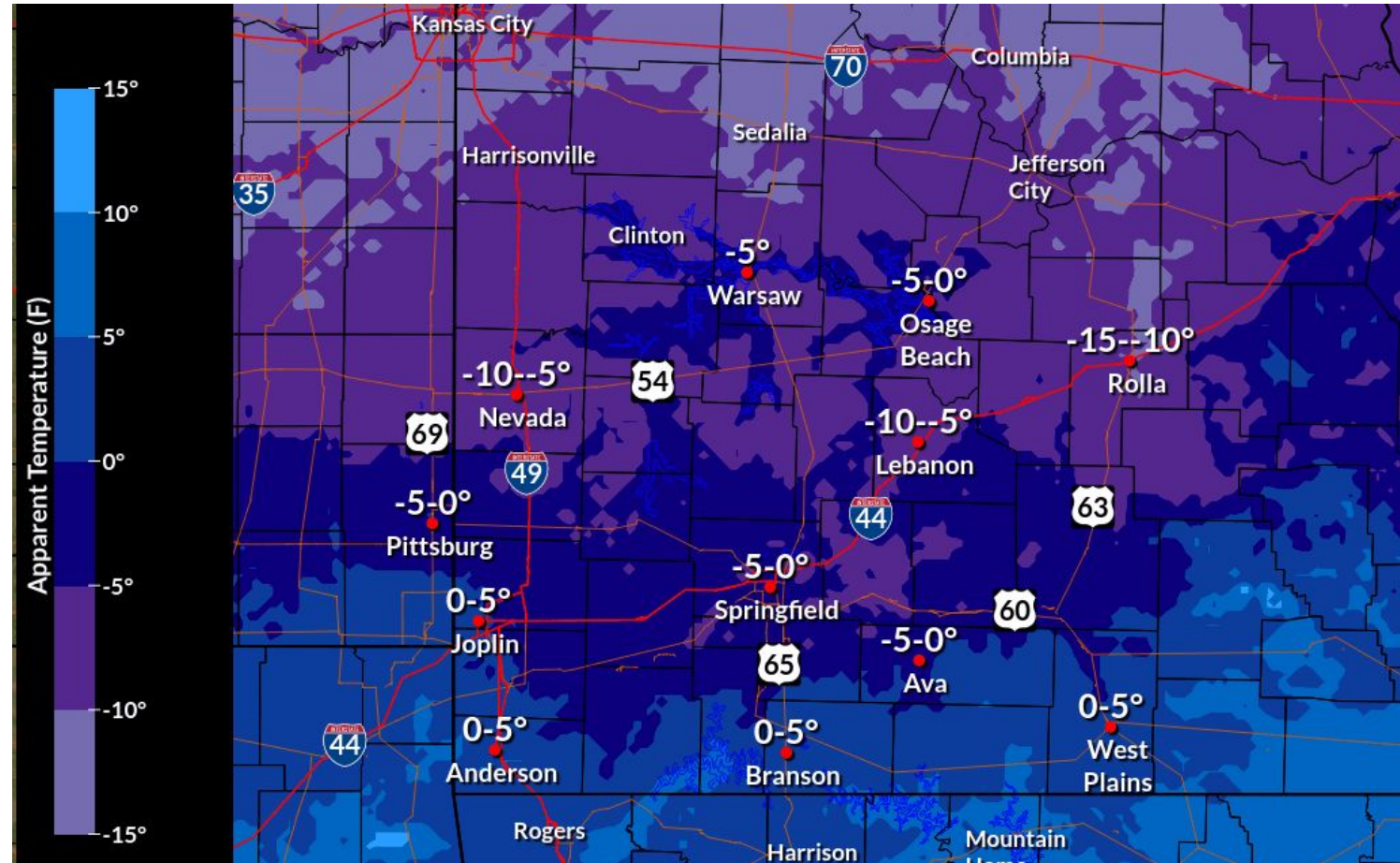


Forecast Minimum Wind Chills

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4:29 AM



Tuesday



Wednesday



Winter Weather Resources

January 3, 2025
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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](#)

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