



January 21, 2024
5:36 AM

Freezing Rain late Tonight through Monday Morning

Updated January 21, 2024 at 5 AM

National Weather Service
Springfield, MO



Winter Weather Advisory Issued

January 21, 2024
5:36 AM

Travel impacts likely

Key Messages

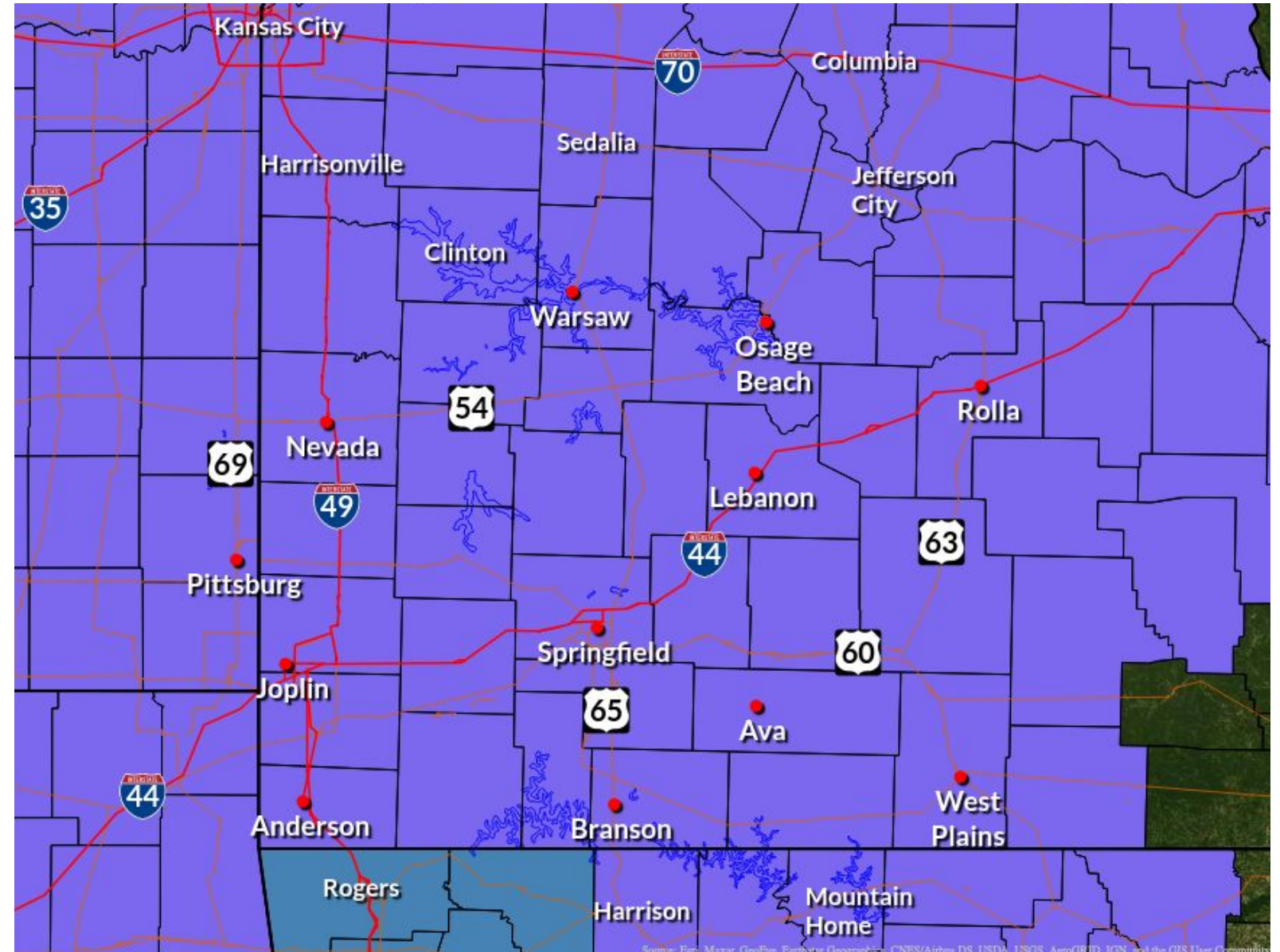
- Freezing rain is likely to cause travel impacts late tonight through the Monday morning commute.
- Highest ice amounts southeast of the Interstate 44 corridor.
- Localized ice amounts near 0.25in southeast of Springfield could cause a few power outages.

NEW Important Updates

- A Winter Weather Advisory has been issued for late tonight through Monday.

Next Scheduled Briefing

- Sunday Afternoon



Winter Weather Advisory Tonight - Monday



Forecast Ice Amounts

January 21, 2024
5:36 AM

Late Tonight through Monday

Ice Amounts



North of Interstate 44 :
Glaze to 0.10 inch

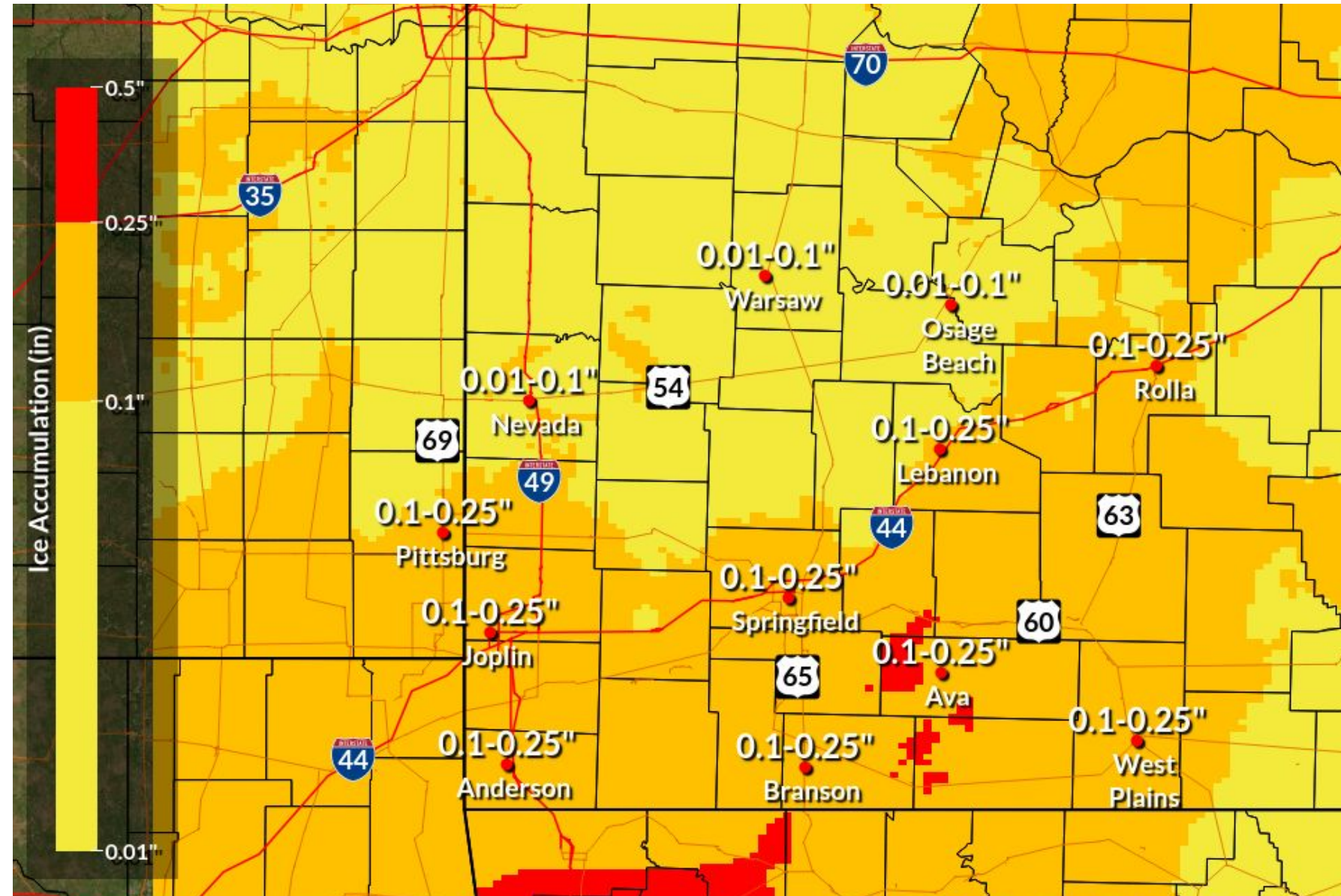
Along and south of Interstate 44:
0.10 to 0.20 inch

Areas southeast of Springfield:
Locally 0.25 inch

Travel Impacts



Probabilities are greater than 75%
that we will see travel impacts,
especially on untreated roads and
overpasses.



Forecast Ice Amounts



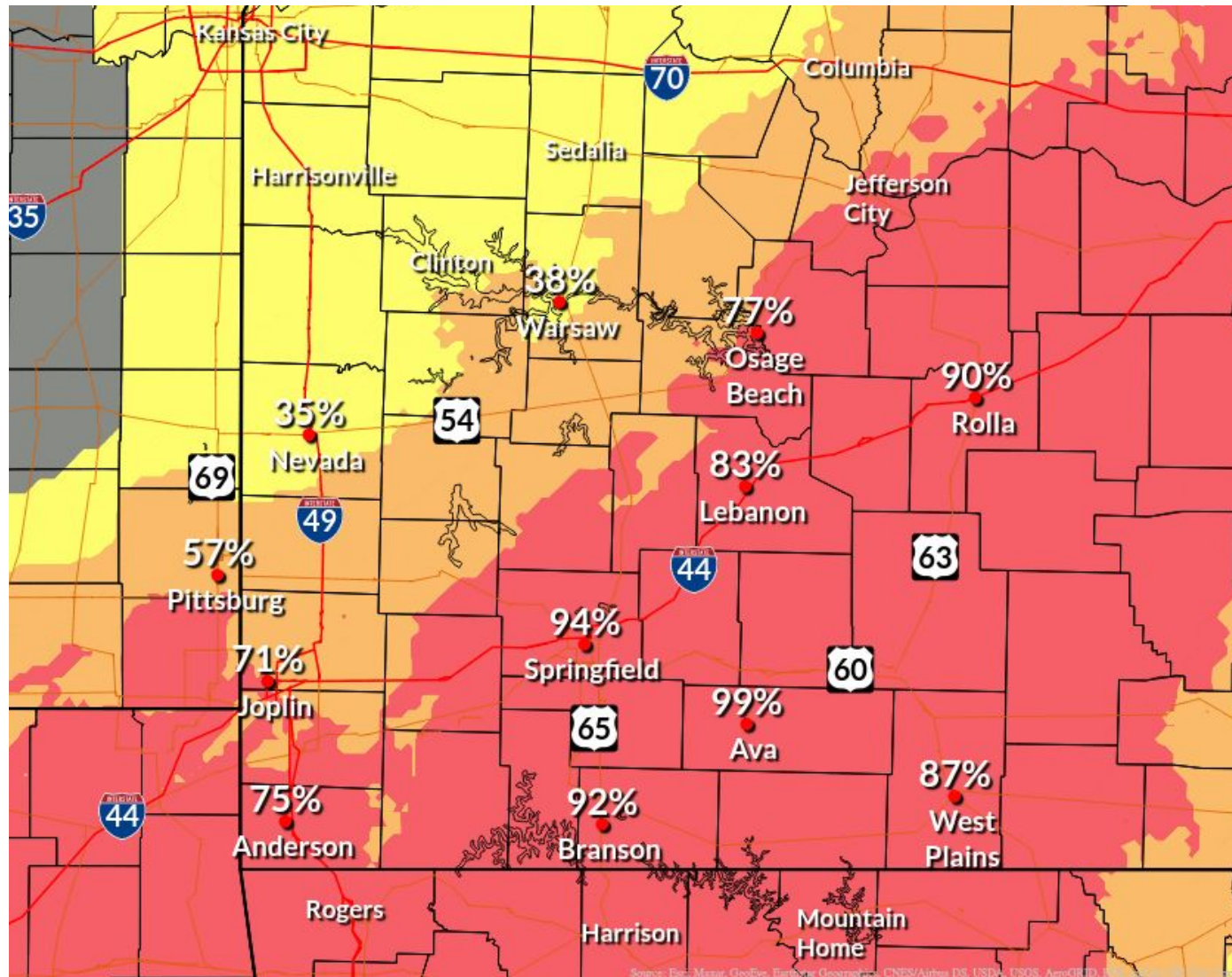


Chances of Freezing Rain

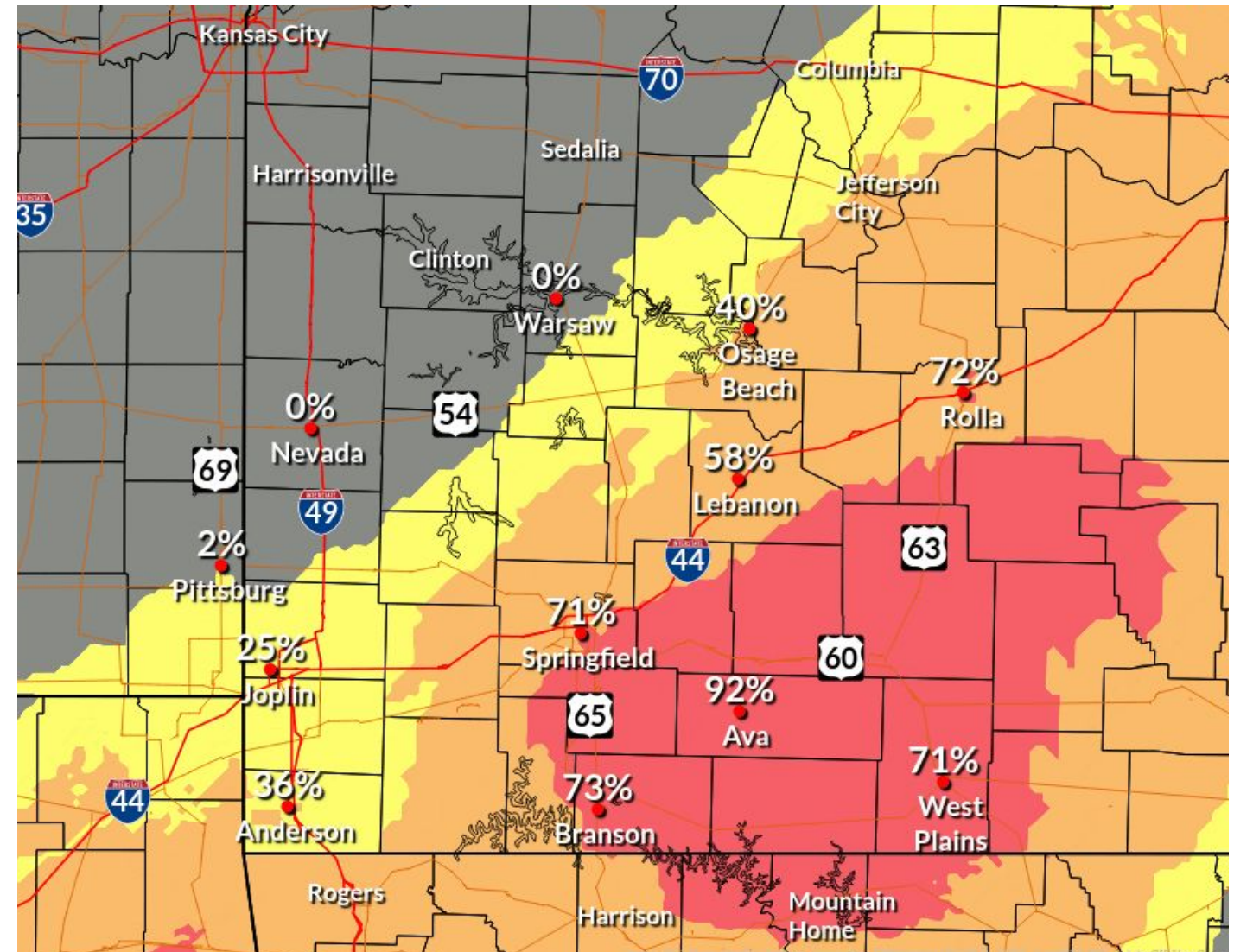
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Tonight through Monday

Freezing rain greater than 0.01 inch



Freezing rain greater than 0.10 inch



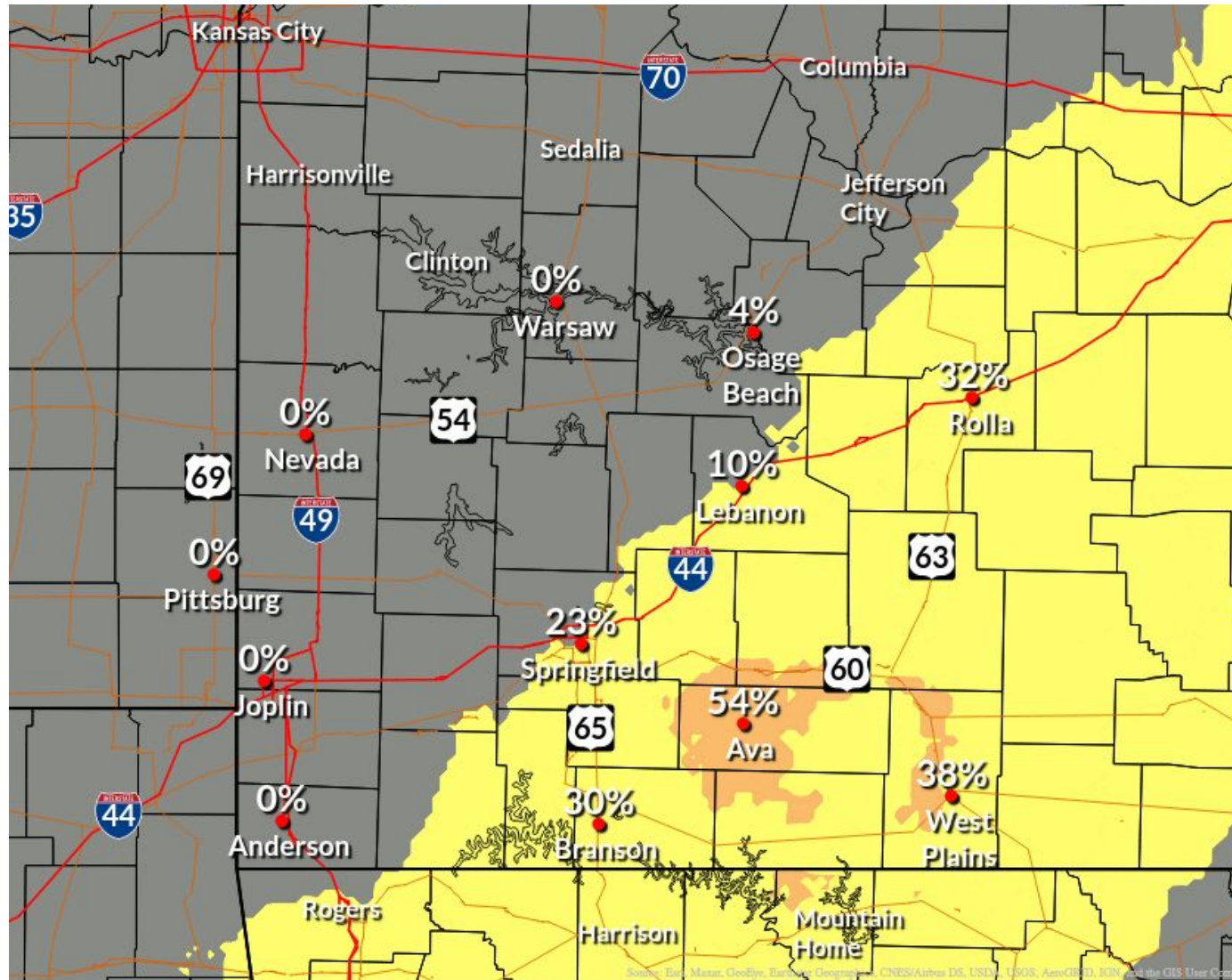


Chances of Freezing Rain

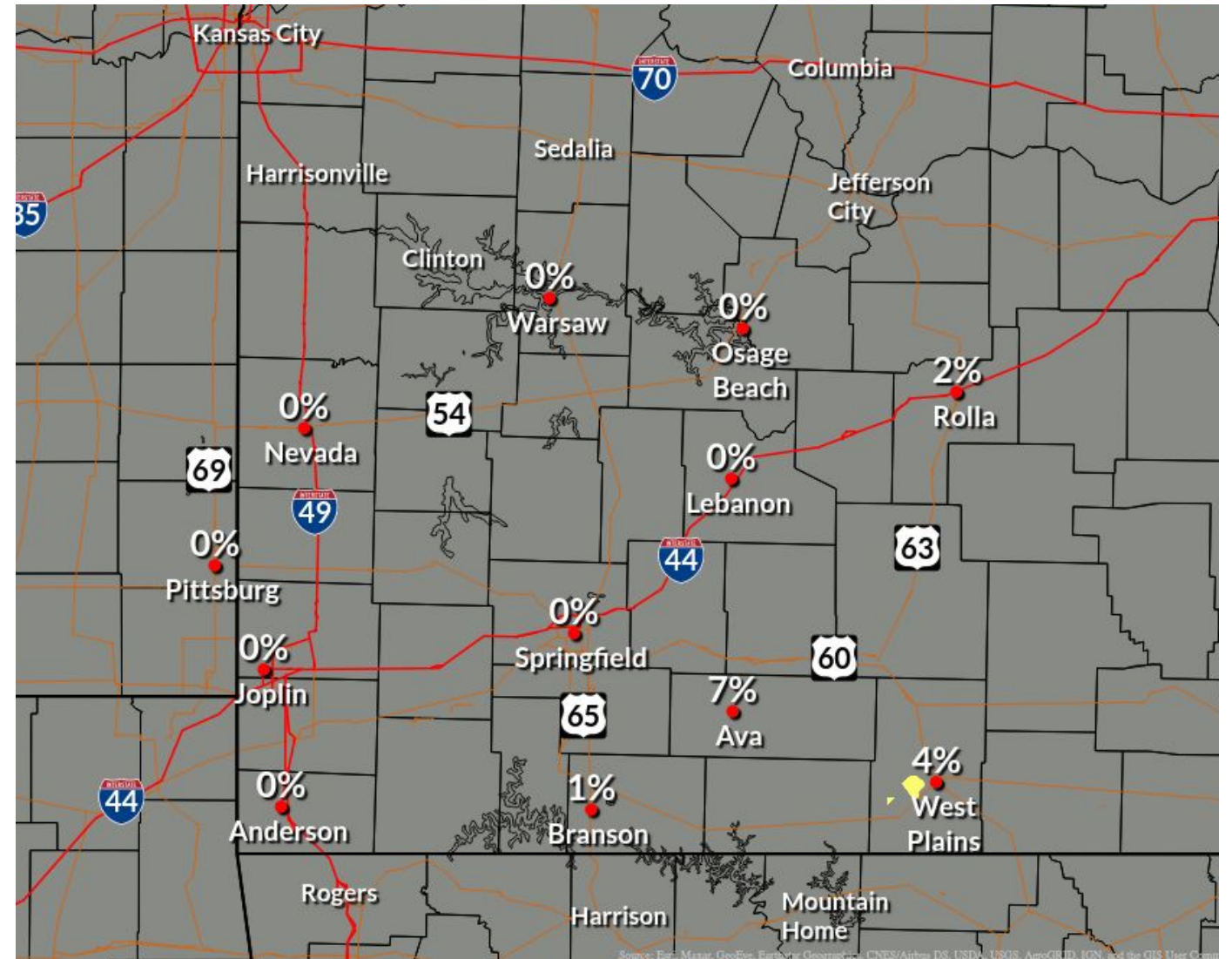
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5:36 AM

Tonight through Monday

Freezing rain greater than 0.25 inch



Freezing rain greater than 0.50 inch



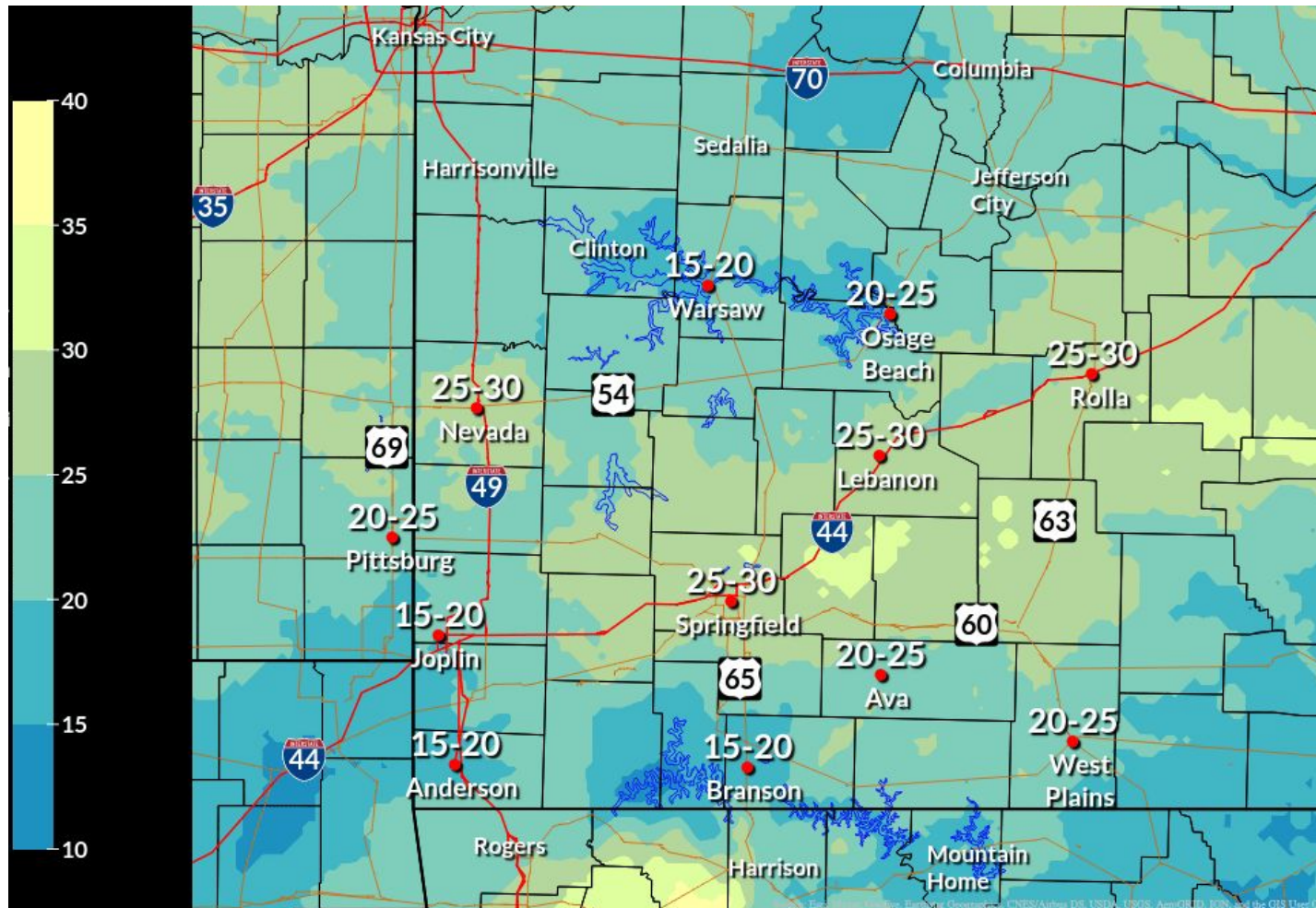


Gusty Winds Monday - Monday Night

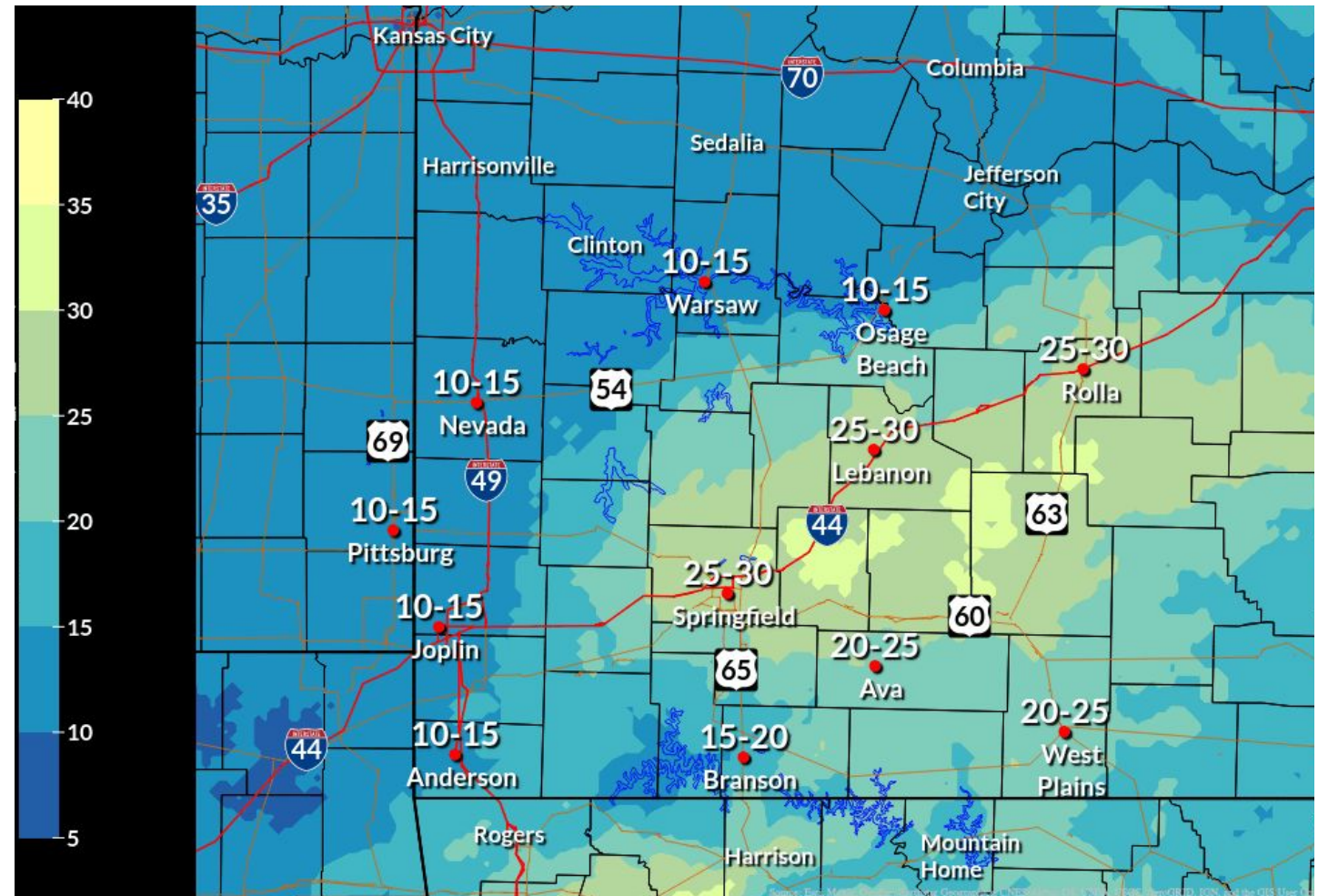
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Could cause a few power outages

Wind Gusts Monday



Wind Gusts Monday Night

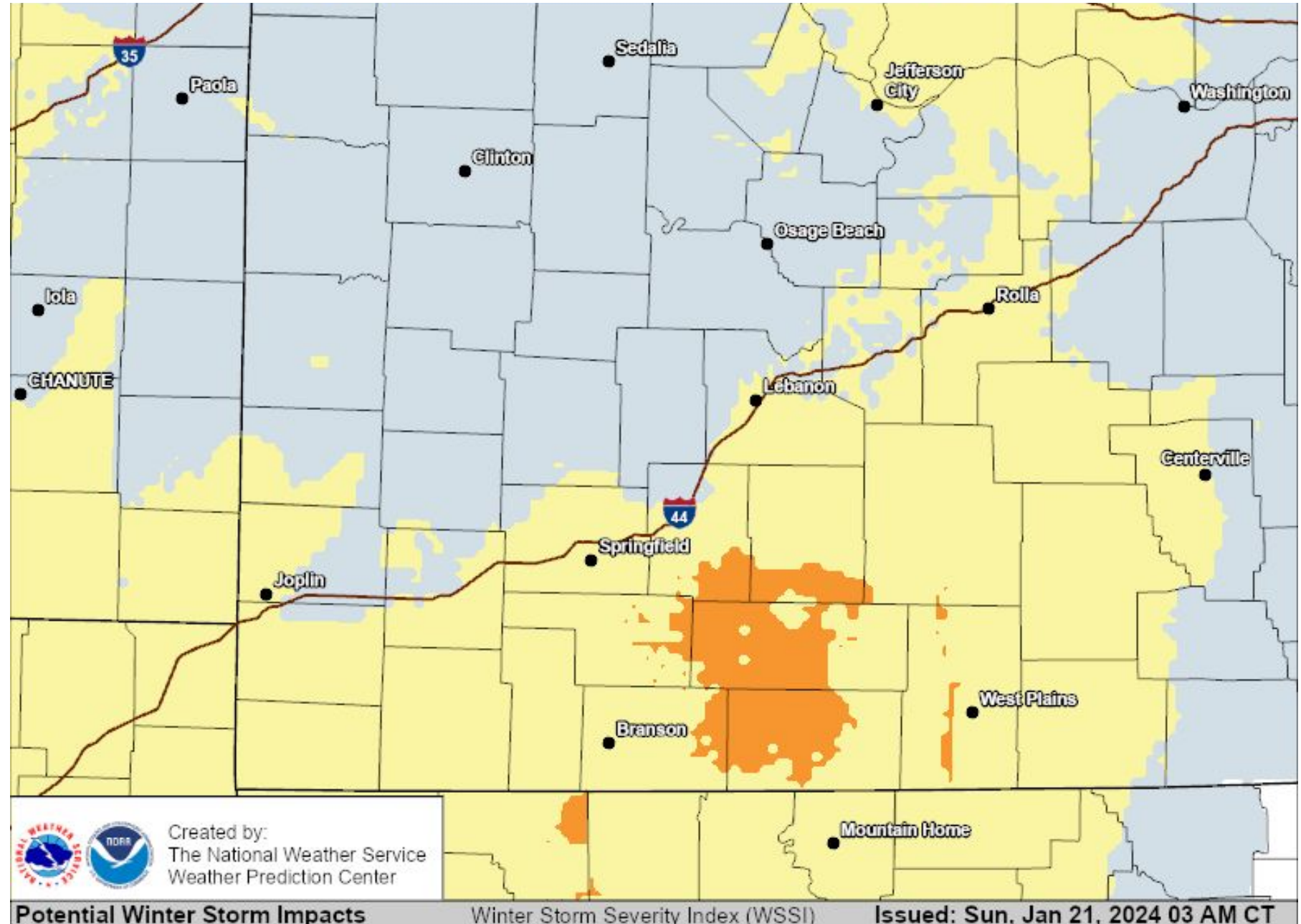




Winter Storm Severity Index

January 21, 2024
5:36 AM

Potential Winter Storm Impacts	
	<p>Winter Weather Area Expect Winter Weather.</p> <ul style="list-style-type: none"> • Winter driving conditions. Drive carefully.
	<p>Minor Impacts Expect a few inconveniences to daily life.</p> <ul style="list-style-type: none"> • Winter driving conditions. Use caution while driving.
	<p>Moderate Impacts Expect disruptions to daily life.</p> <ul style="list-style-type: none"> • Hazardous driving conditions. Use extra caution while driving. • Closures and disruptions to infrastructure may occur.
	<p>Major Impacts Expect considerable disruptions to daily life.</p> <ul style="list-style-type: none"> • Dangerous or impossible driving conditions. Avoid travel if possible. • Widespread closures and disruptions to infrastructure may occur.
	<p>Extreme Impacts Expect substantial disruptions to daily life.</p> <ul style="list-style-type: none"> • Extremely dangerous or impossible driving conditions. Travel is not advised. • Extensive and widespread closures and disruptions to infrastructure may occur. • Life-saving actions may be needed.

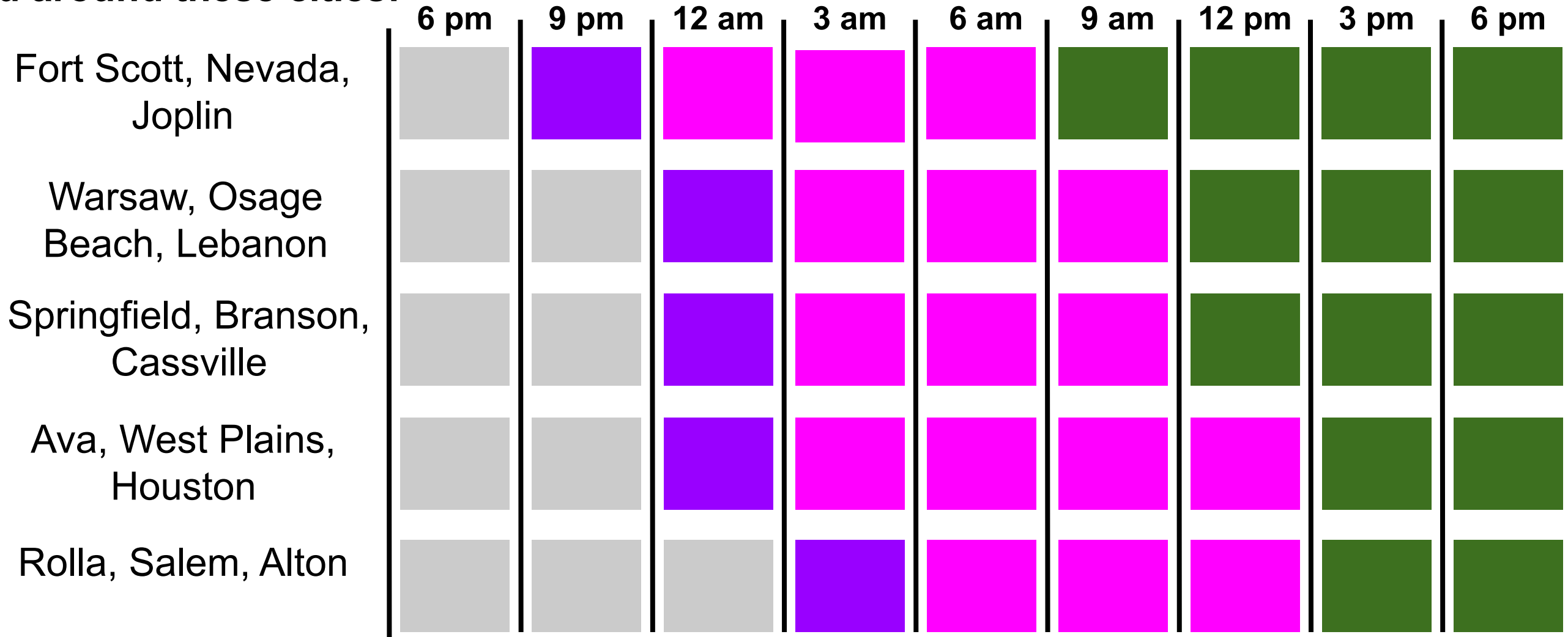




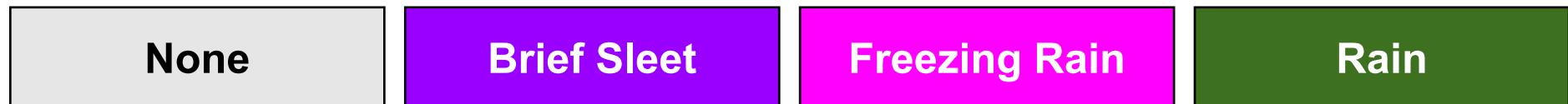
Estimated Precip Timeline

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In and around these cities:



Precipitation Type





Freezing Rain Location



Timing



Amounts



Travel Impacts



Confidence Details

- Confidence is very high that travel impacts will occur Monday morning due to slick roads on untreated surfaces.
- Freezing rain will be widespread across the area; however, there is still uncertainty with the exact amounts due to temperatures climbing above freezing Monday.

Alternate Scenarios

- If temperatures remain colder for a longer period of time on Monday then ice amounts would increase, particularly across the eastern Ozarks. Given the wind gusts, this could then cause localized power outages.



For Additional Information

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

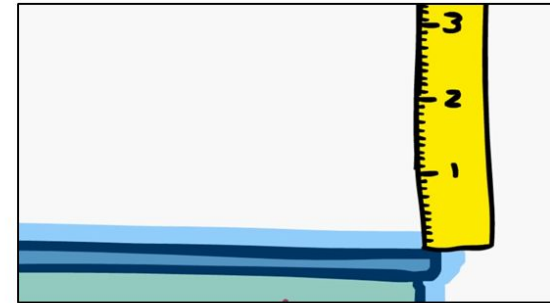
Follow @NWSSpringfield



How to Measure Ice?

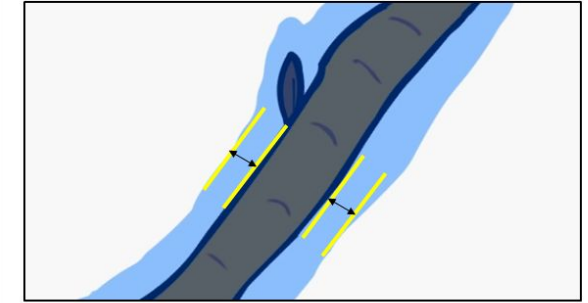
Flat Ice and Radial Ice Measurements

Flat Ice Measurement



Find a flat surface that has been undisturbed from the surrounding environment or other objects. Measure ice accumulation with a ruler.

Radial Ice Measurement



Break off a small twig or branch from a tree in which ice has accumulated. Measure the thickness of ice on each side of the branch with a ruler. Then average the two measurements to get the total ice accumulation.

All measurements should be rounded to the nearest 0.1". Any measurements below 0.1" are reported as a trace.

rain with a temperature near freezing

Ice can form on roads and lead to dangerous travel when the air temperature or road temperature drops below freezing.

safety tips

- Slow down
- Don't use cruise control
- Leave plenty of distance between you and other vehicles

"Sneaky" Winter Hazards

The winter season brings many weather events that can "sneak" up on you. These are weather hazards that cause big impacts and make travel difficult without making big news.

weather.gov

