



# Winter Storm & Bitter Cold This Weekend

January 23, 2026  
6:31 AM

Moderate to Major Impacts Expected

## Key Messages

- **Winter Storm Warning**: Accumulating snowfall between 8 and 13 inches across southern Missouri and Kansas.
- Greatest amounts are expected along and south of I-44, with lowest amounts expected furthest north.
- Areas near the Missouri and Arkansas border may see sleet mix with snow on Saturday afternoon.
- **Cold Weather Advisory**: Dangerous cold will accompany this system, bringing single digit lows and below-zero wind chills. Minimum wind chills around -10 to -20°F each morning.

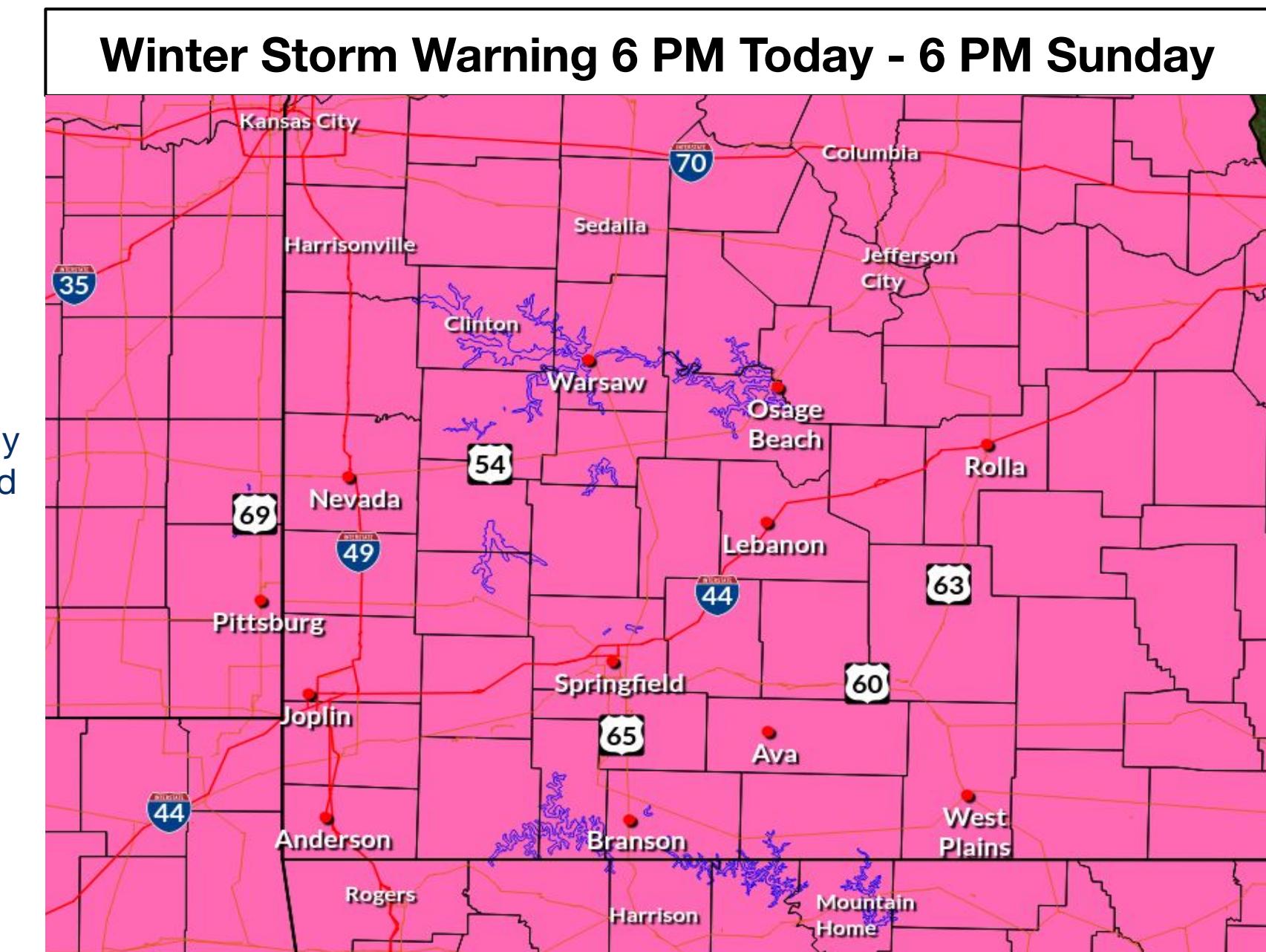


## Important Updates

- There is a low (30%) chance that a light sleet mixture would prevent portions of southern Missouri from getting a true break between the two rounds of snow.

## Next Scheduled Briefing

- By 4 PM Friday



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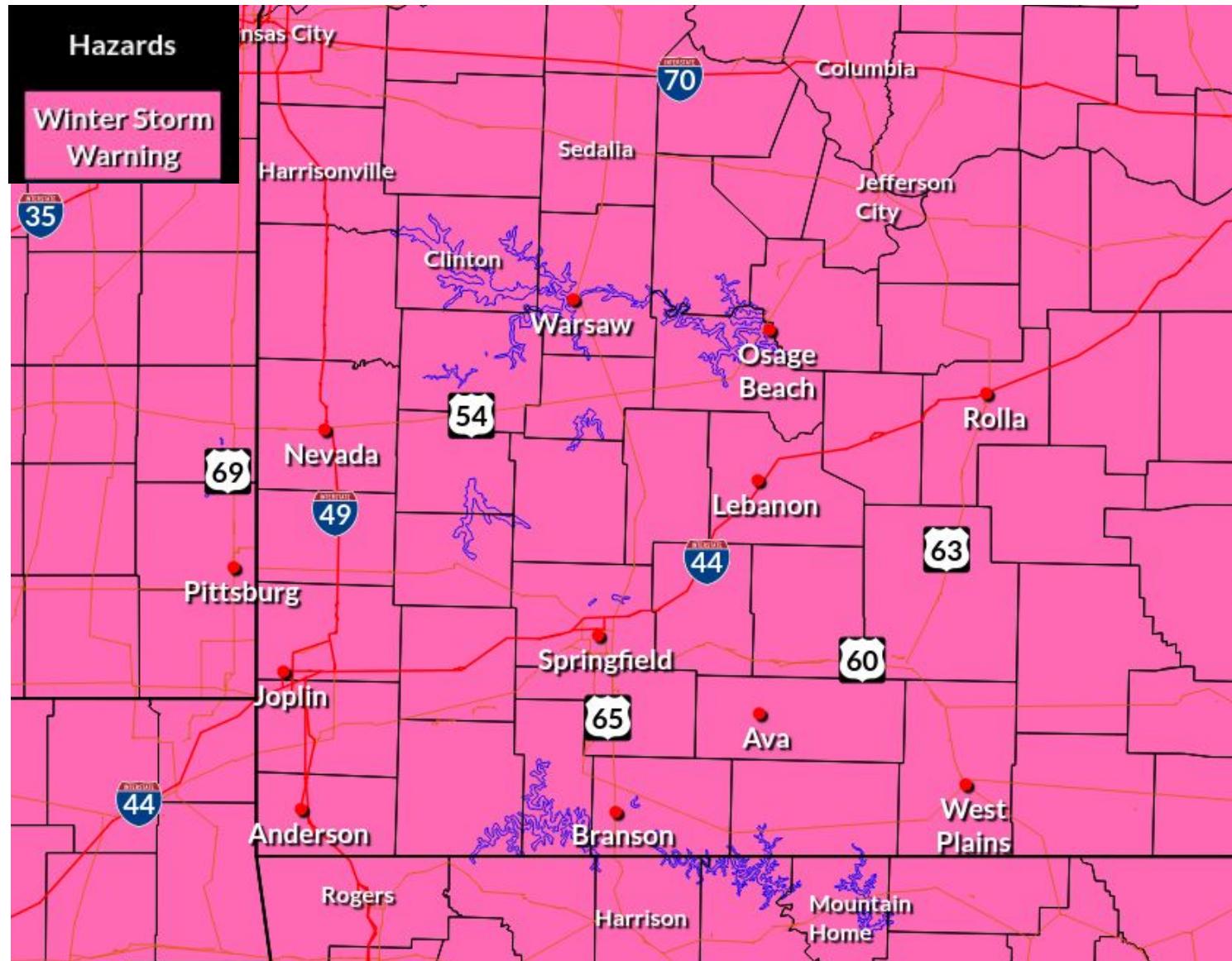


# Winter Weather Headlines

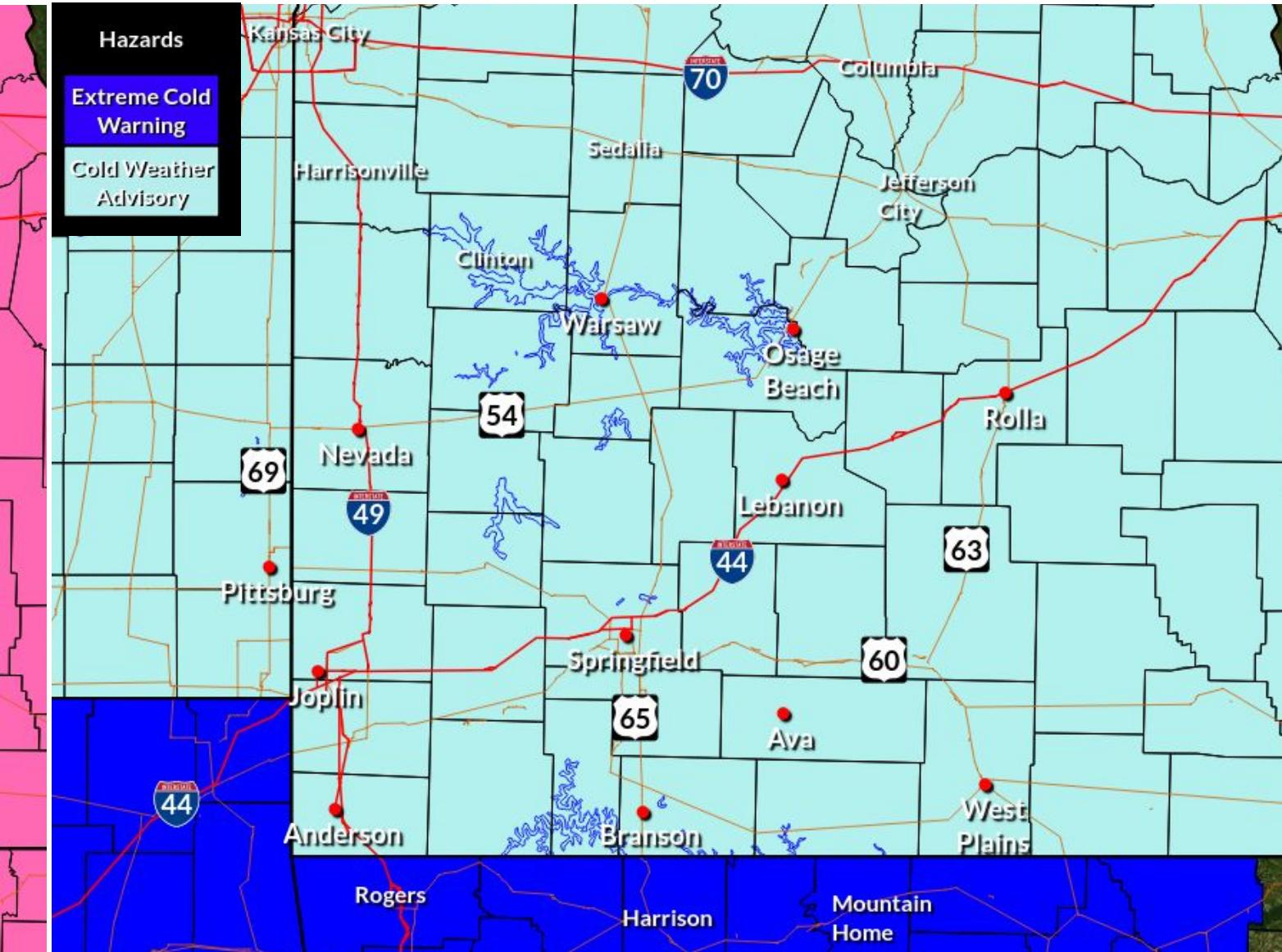
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No changes made to previous headlines

## Winter Storm Warning (6 PM Today - 6 PM Sunday)



## Cold Weather Advisory (12 AM Saturday - 12 PM Monday)



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# Expected Snowfall

Through Sunday Afternoon

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## What

- Two rounds of moderate to heavy snowfall will result in widespread accumulating snow.
- Total snow accumulations between 8 and 13 inches.
- **Sleet may mix with snow at times on Saturday after south of I-44, especially along the Missouri and Arkansas border.**

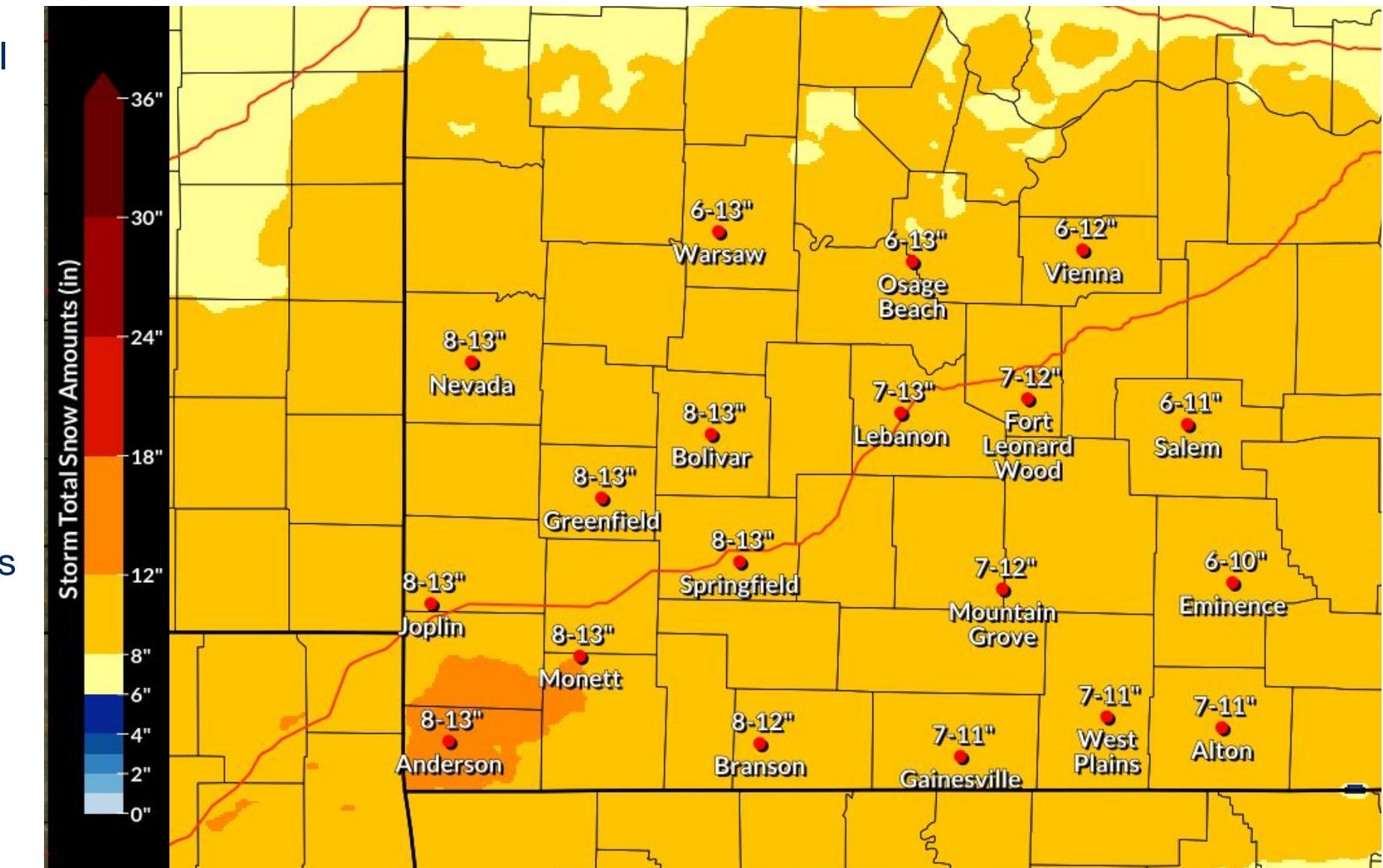
## Where

- Greatest amounts are expected along and south of Interstate 44, and the lowest amounts are expected across central Missouri.

## When

- Two rounds between tonight through Sunday afternoon.

## Expected Snowfall Range



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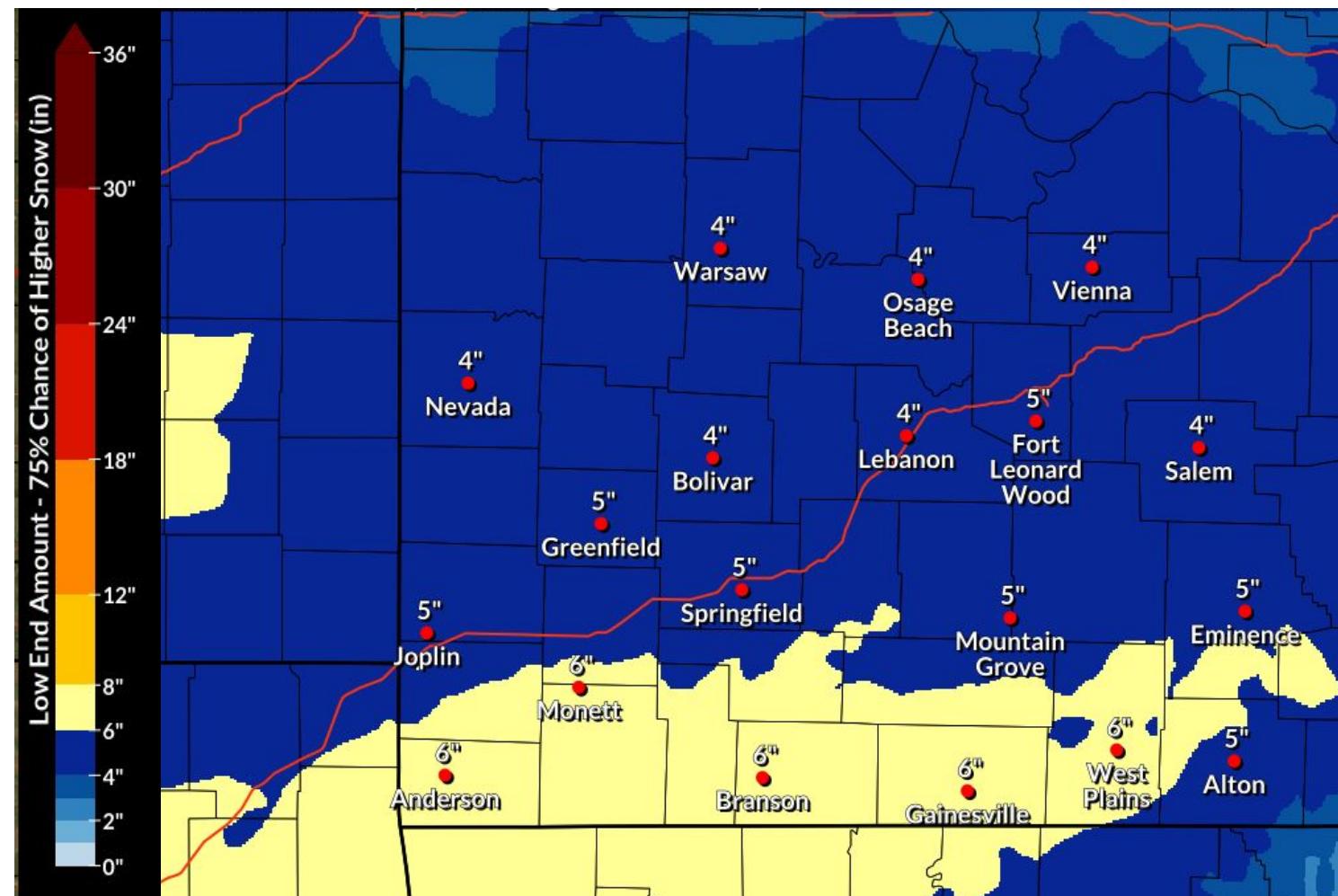
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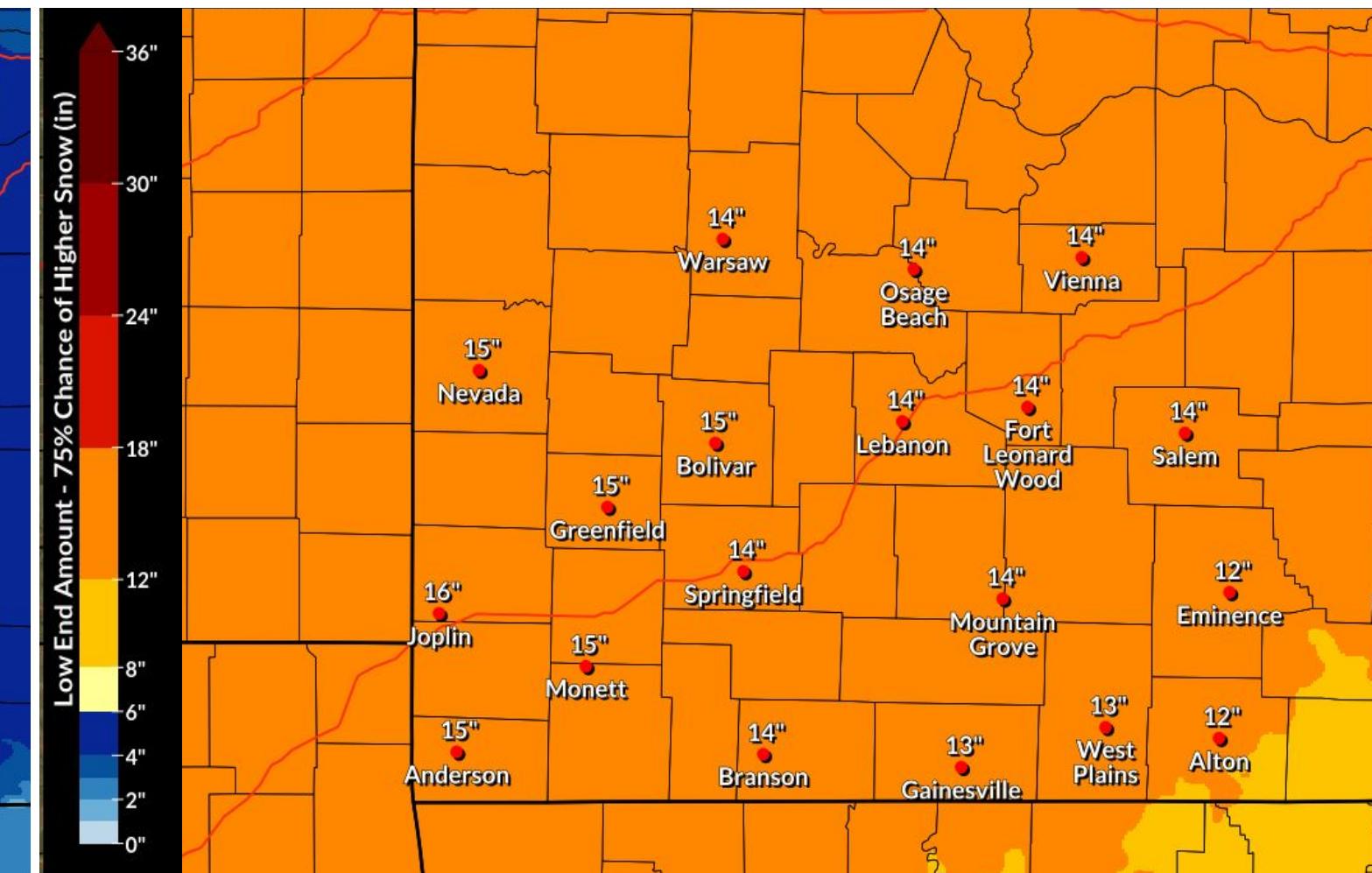
# Low and High End Snowfall Amounts

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Through Sunday Afternoon



**Low End Scenario**  
**(90% Chance of Higher Amounts)**



**High End Scenario**  
**(10% Chance of Higher Amounts)**



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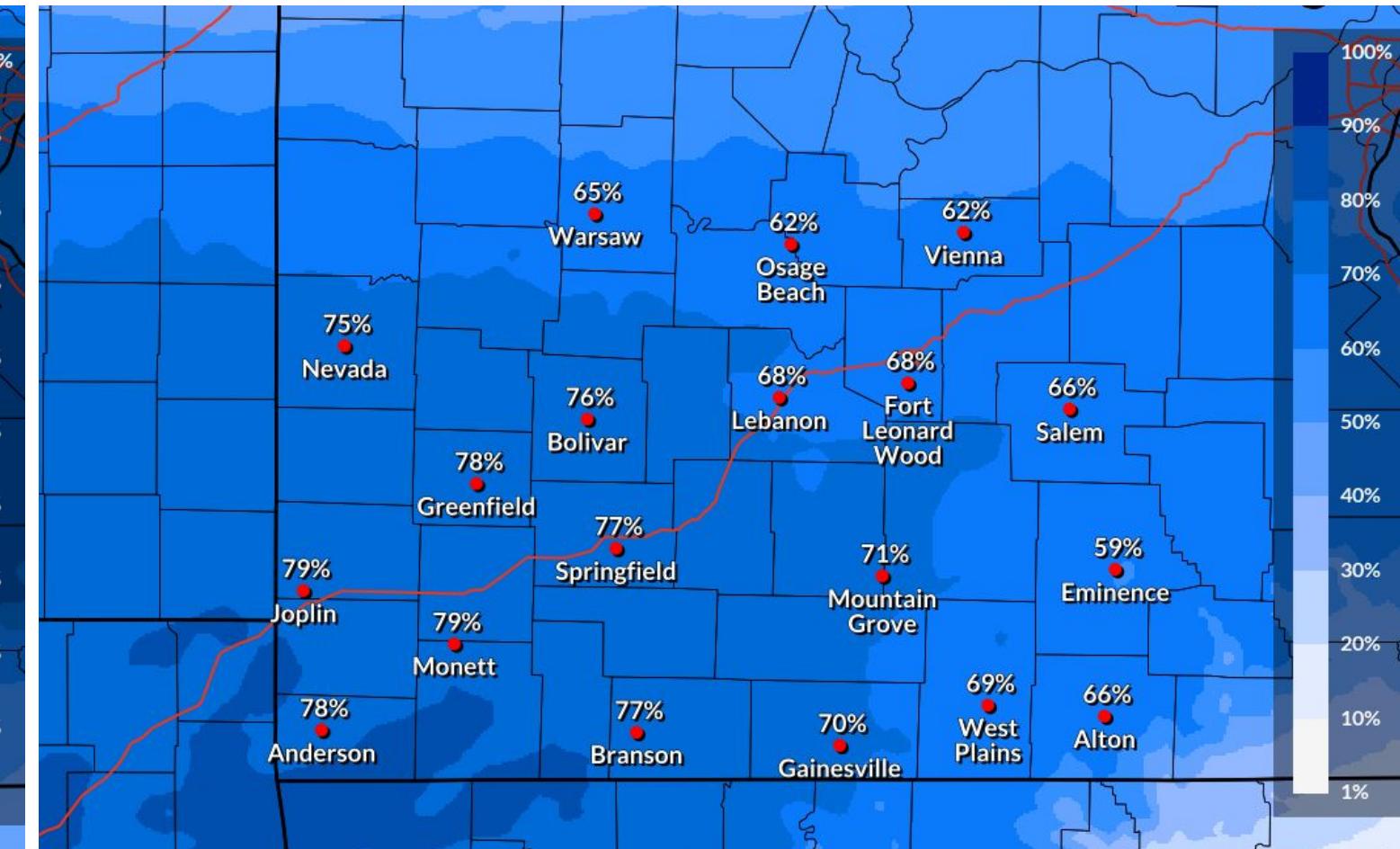
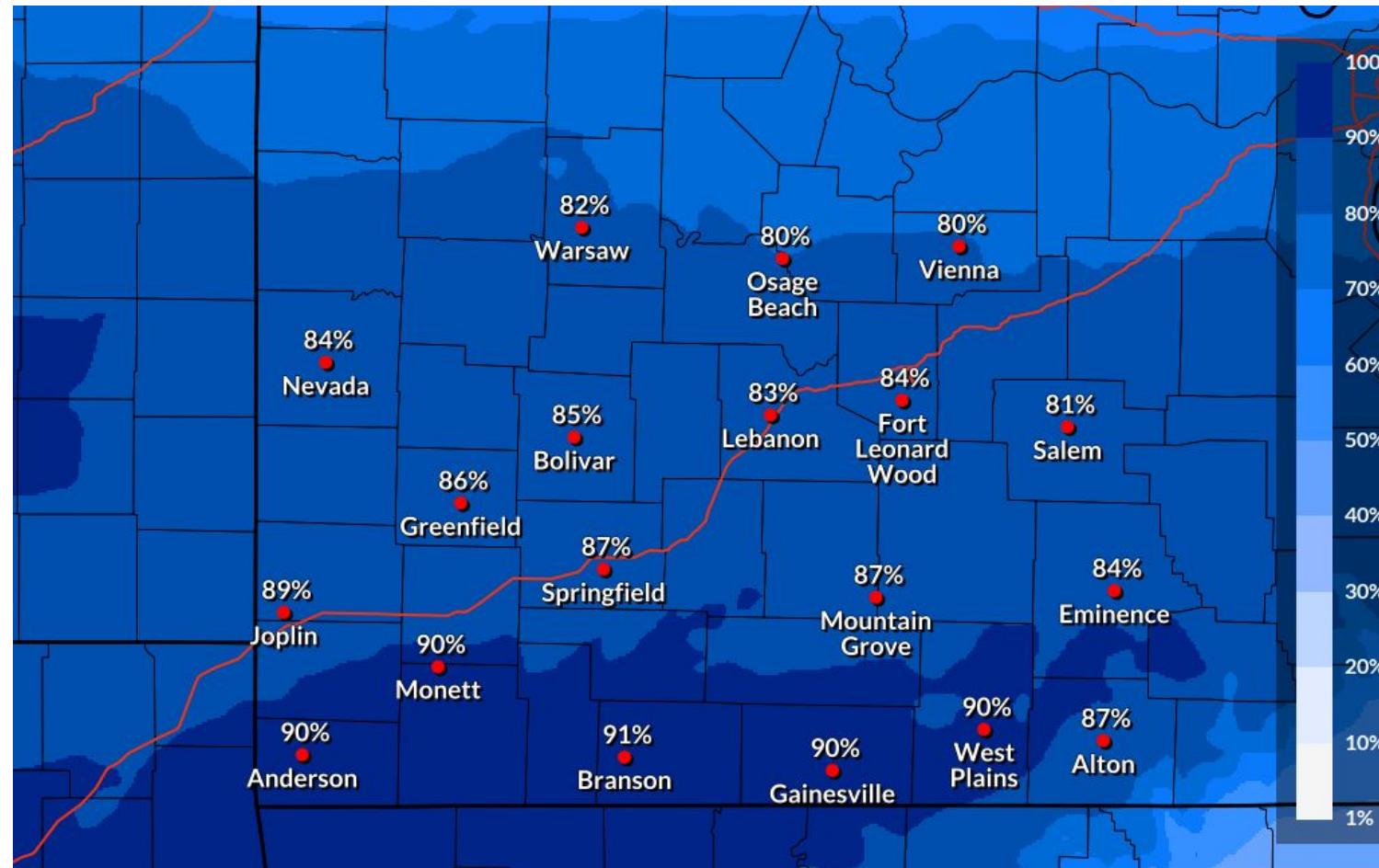
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# Probabilistic Snowfall

Tonight through Sunday Afternoon

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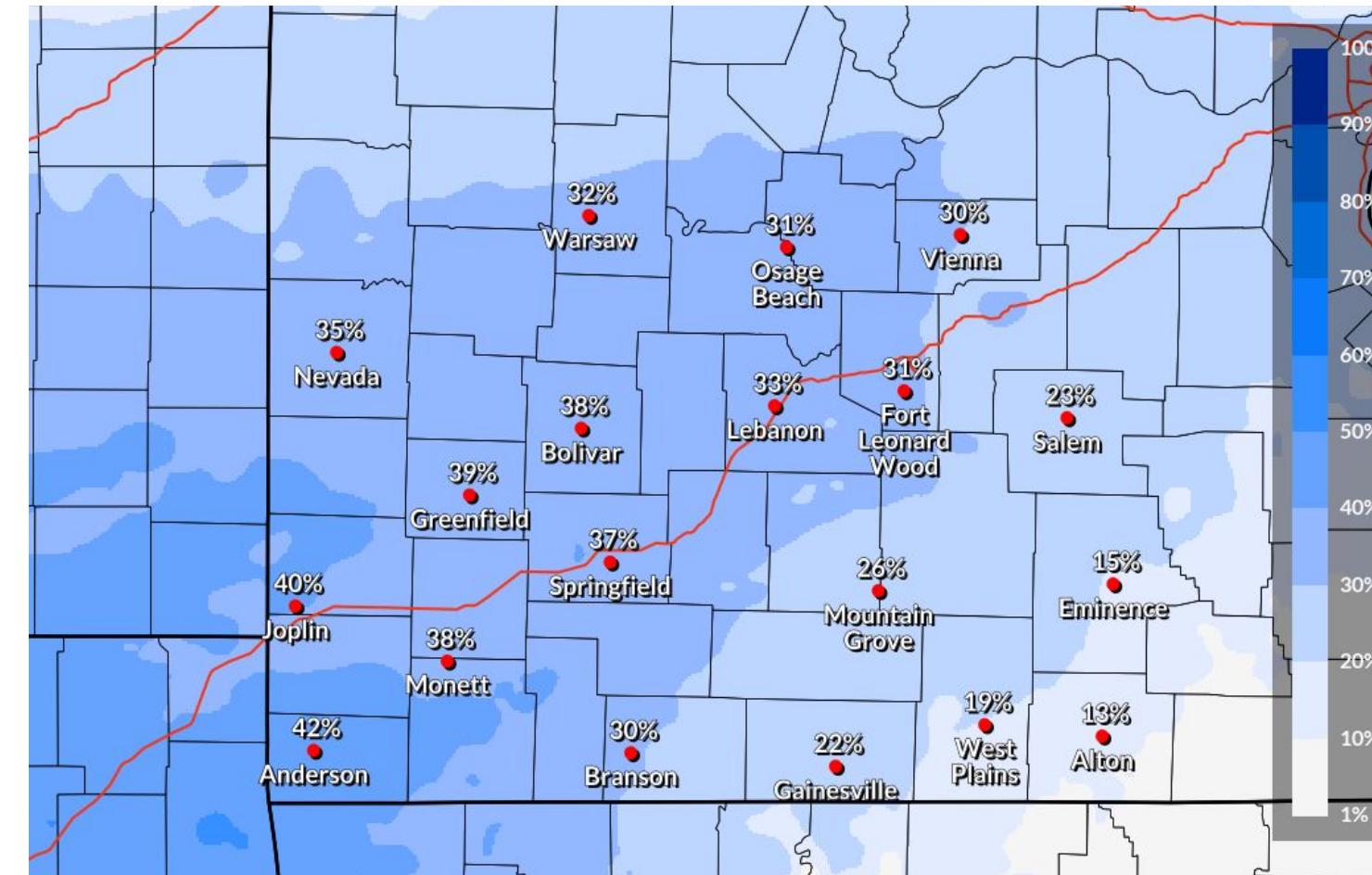
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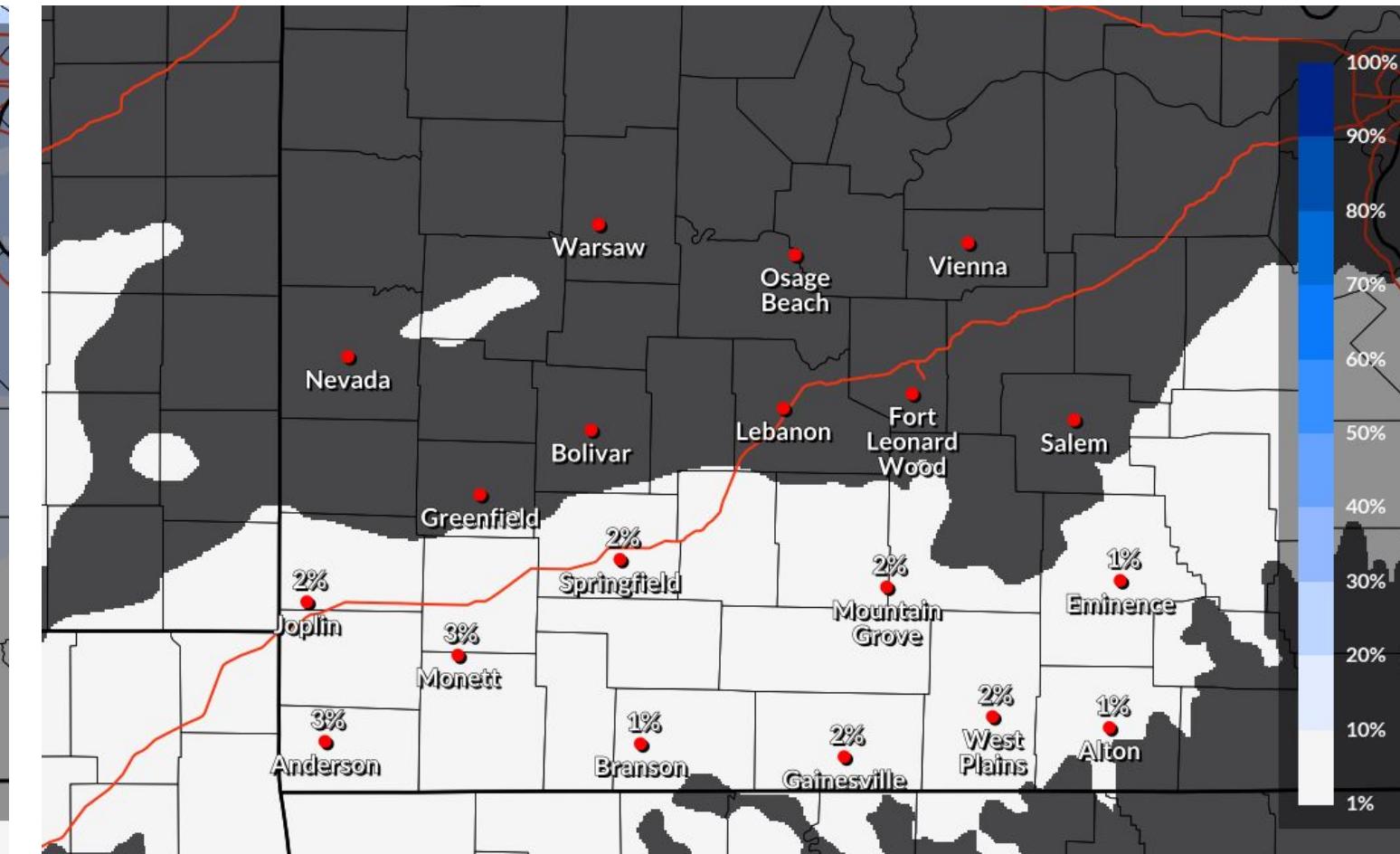
# Probabilistic Snowfall

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Probability of > 12.0" of snowfall



Probability of > 18.0" of snowfall



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# Snow Character & Longevity

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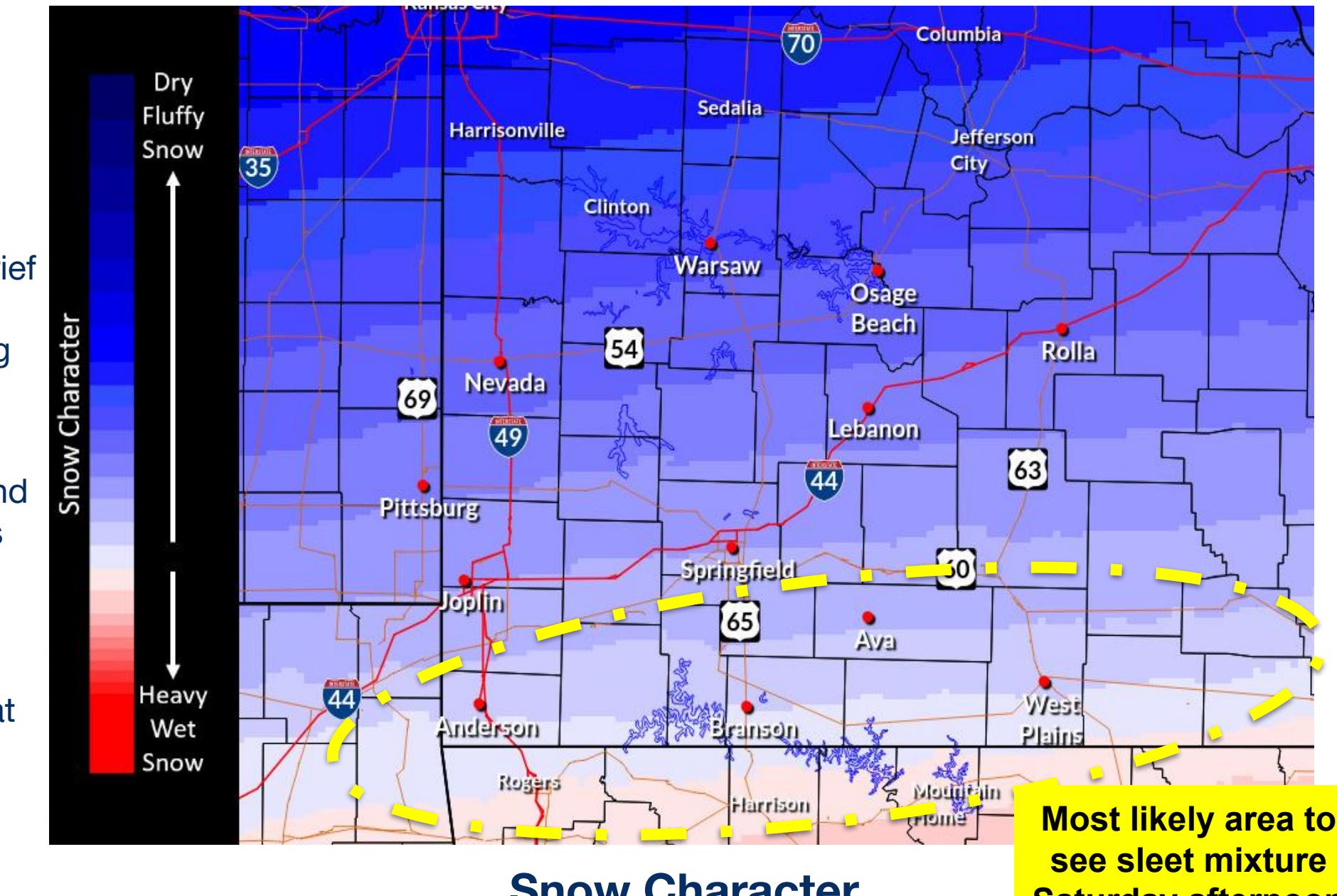
How the Snow Will Feel and Act Due to its Moisture Content

## Low (30%) Chance of Sleet Mixture Saturday Afternoon:

- Some models solutions are hinting towards a layer of warm air aloft near the Missouri and Arkansas border on Saturday afternoon.
- If this scenario panned out, it would lead to a brief period of a light snow/sleet mixture for a few hours on Saturday afternoon before transitioning back to snow in the evening.
- Any sleet accumulations would act to decrease the overall snowfall amounts, since wet snow and sleet mixtures don't accumulate as efficiently as fluffy snow.

## Snow Longevity:

- Sub-freezing temperatures will persist through at least Tuesday, causing the snow to become more compact with time.
- Snow will also stick around for several days, rather than immediately melting.



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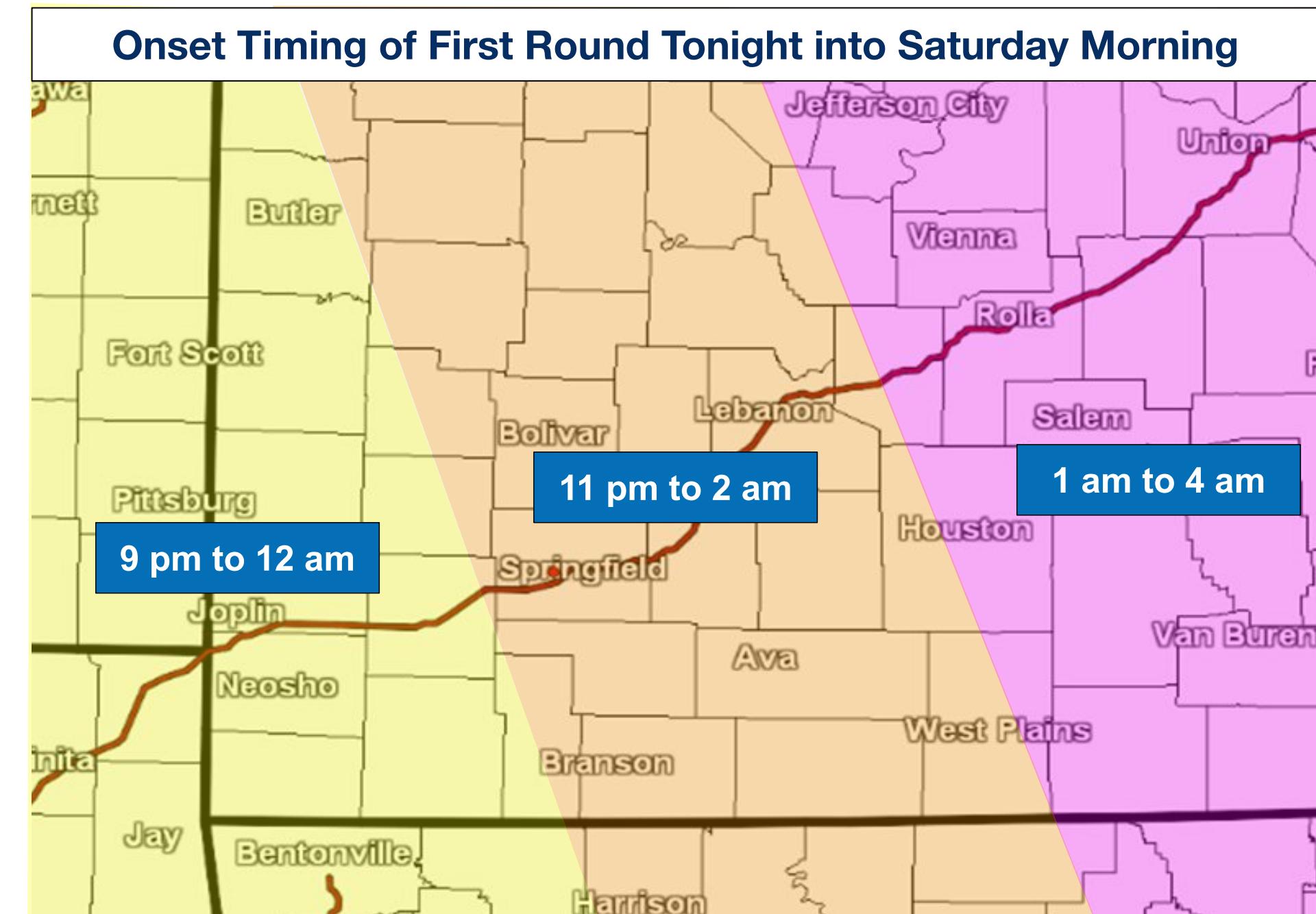


# Preliminary Timing of Snowfall

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## Key Points

- Accumulating snowfall comes in two rounds.
- **First round:** Onset of snowfall will occur late tonight into early Saturday morning. Periods of moderate to heavy snowfall.
- A lull in between the rounds for some places on Saturday afternoon and evening, with light snowfall continuing.
- **Second round:** Additional round of moderate to heavy snowfall Saturday night into Sunday morning.
- Snow comes to an end late Sunday morning into the afternoon from west to east.



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# Timing of Snowfall And Sleet Mixes

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## Weather Forecast

	1/23	1/24									1/25					
	Fri	9pm	12am	3am	6am	9am	12pm	3pm	6pm	9pm	12am	3am	6am	9am	12pm	3pm
Branson		50%	75%	95%	95%	95%	80%	80%	95%	95%	95%	95%	65%	65%	30%	30%
Fort Leonard Wood		15%	30%	75%	95%	95%	90%	90%	95%	95%	95%	95%	65%	65%	35%	35%
Joplin		60%	75%	95%	90%	90%	90%	90%	95%	95%	90%	90%	55%	55%	30%	30%
Lebanon		20%	45%	85%	95%	95%	90%	90%	95%	95%	95%	95%	65%	65%	35%	35%
Monett		55%	65%	95%	95%	95%	90%	90%	95%	95%	95%	95%	60%	60%	35%	35%
Mountain Grove		20%	60%	85%	95%	95%	90%	90%	95%	95%	95%	95%	70%	70%	35%	35%
Nevada		50%	60%	95%	85%	85%	90%	90%	95%	95%	90%	90%	50%	50%	30%	30%
Osage Beach		15%	20%	75%	90%	90%	90%	90%	95%	95%	95%	95%	60%	60%	35%	35%
Pittsburg, KS		60%	70%	95%	85%	85%	90%	90%	95%	95%	90%	90%	50%	50%	25%	25%
Rolla		10%	20%	60%	90%	90%	90%	90%	95%	95%	95%	95%	65%	65%	35%	35%
Springfield		35%	50%	90%	95%	95%	85%	85%	95%	95%	95%	95%	65%	65%	35%	35%
Warsaw		30%	35%	80%	85%	85%	90%	90%	95%	95%	95%	95%	55%	55%	30%	30%
West Plains		20%	50%	90%	95%	95%	90%	90%	90%	90%	95%	95%	75%	75%	35%	35%

Created: 6 am CST Fri 1/23/2026. Shows most impactful weather for the period beginning at the time shown. Weather symbols display where Probability of Precipitation  $\geq 0\%$ .

- Wintry Mix + - Snow +

Created: 6 am CST Fri 1/23/2026 |



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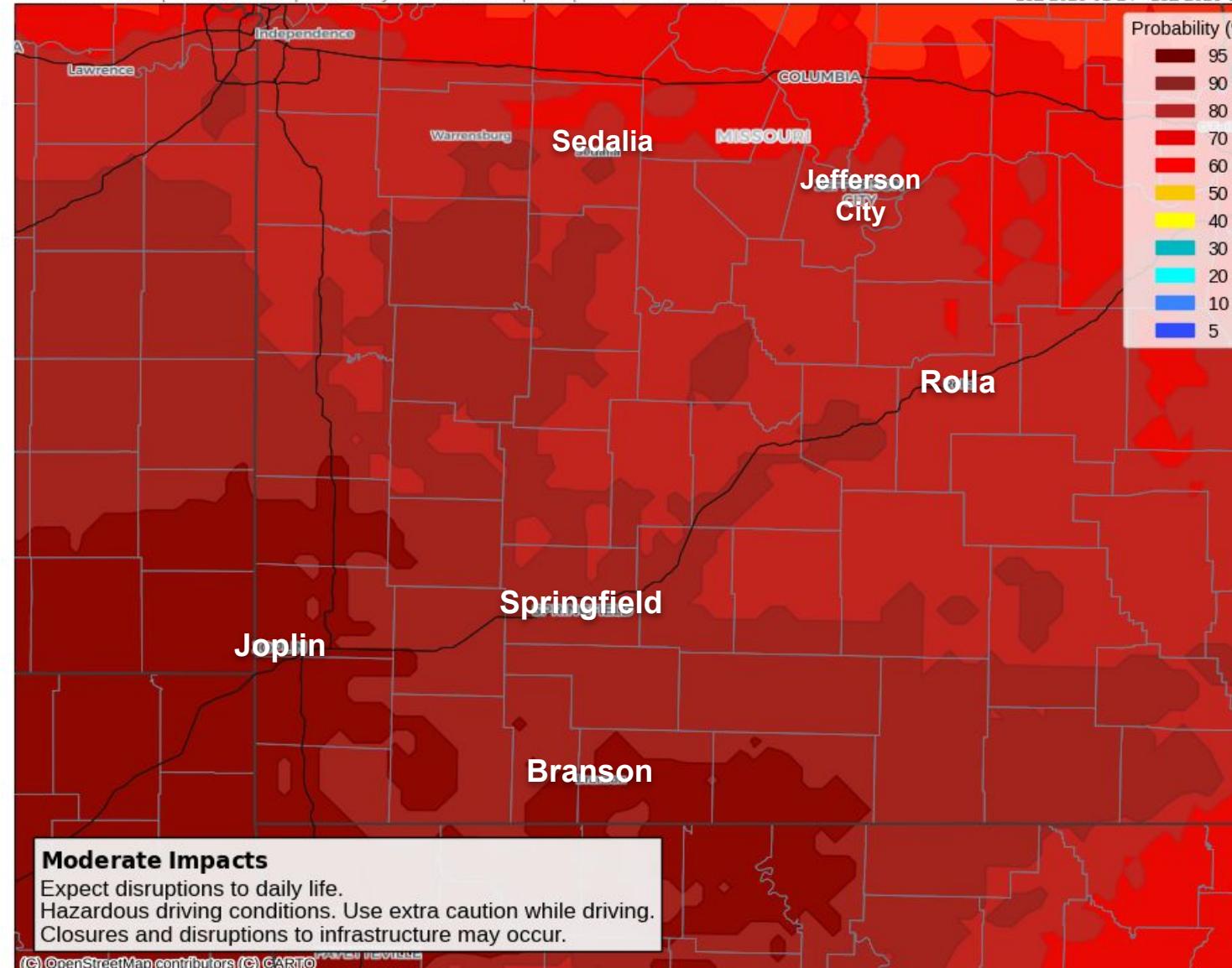
# Winter Storm Severity Index (WSSI)

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Widespread Moderate to Major Impacts Expected | [NWS Springfield WSSI](#)

## Probabilistic WSSI Forecast

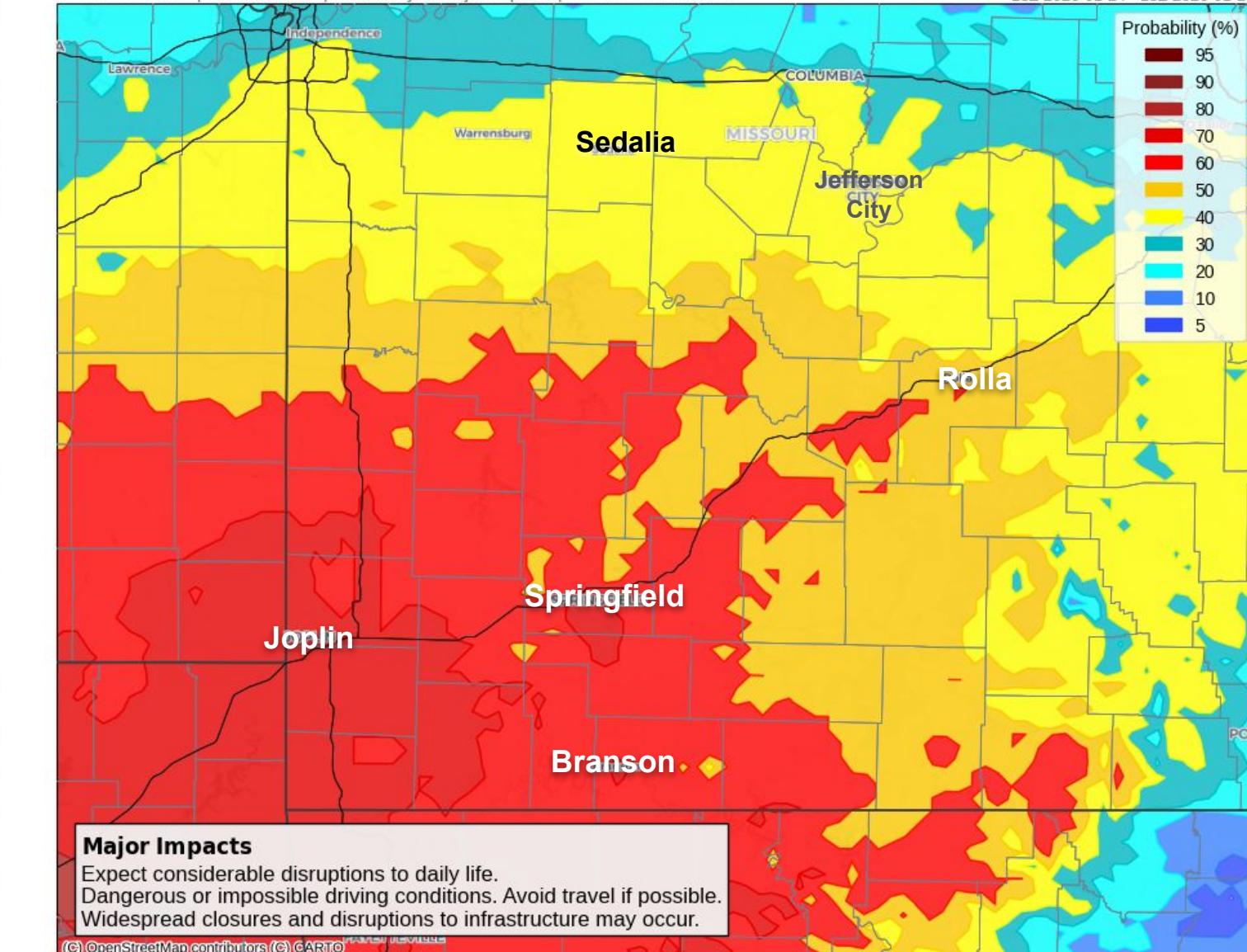
WPC WSSI Component: Overall | Probability of Moderate Impacts | Init 06Z 23-Jan-2026



Probability of Moderate Impacts

## Probabilistic WSSI Forecast

WPC WSSI Component: Overall | Probability of Major Impacts | Init 06Z 23-Jan-2026



Probability of Major Impacts



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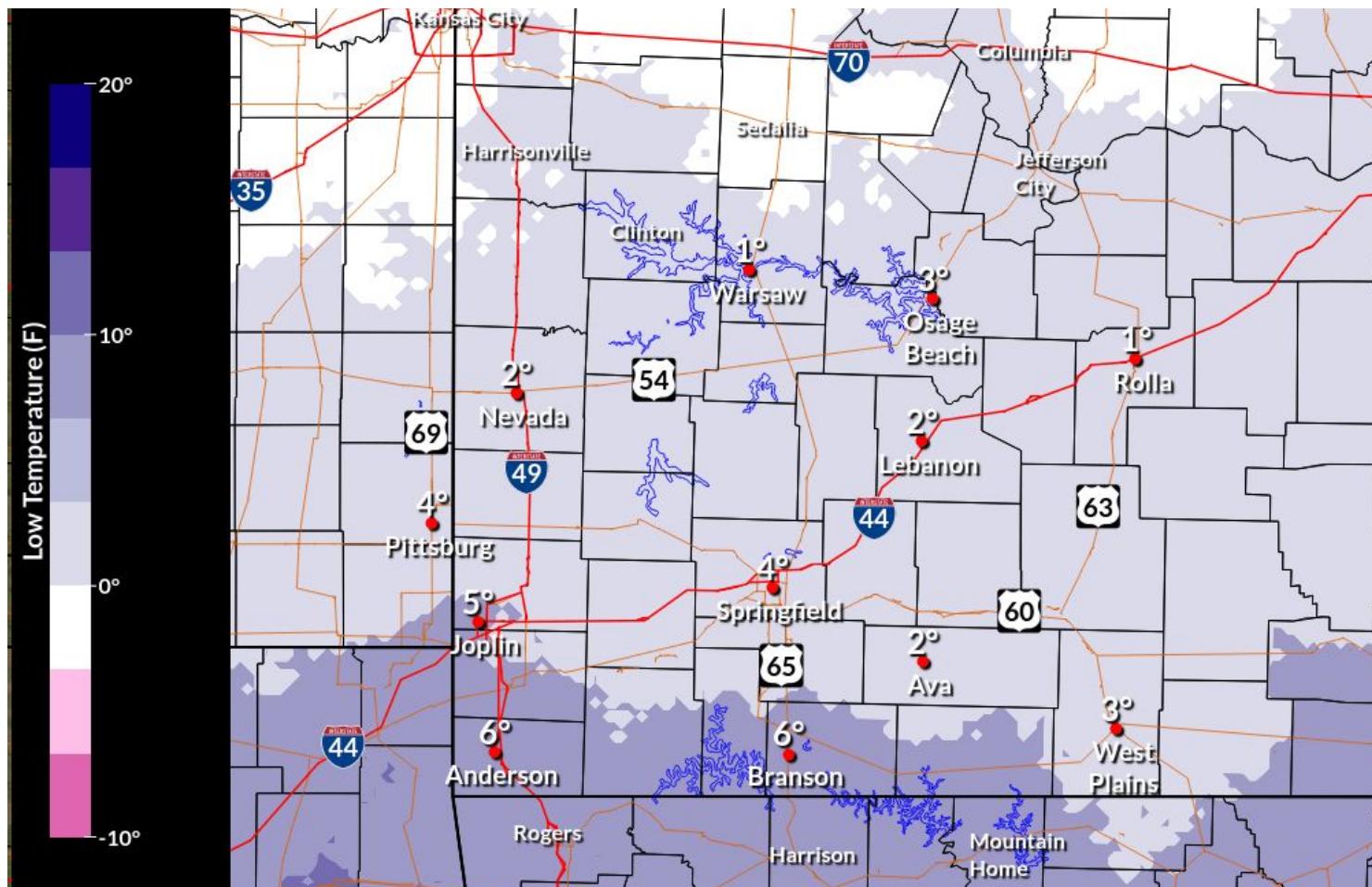
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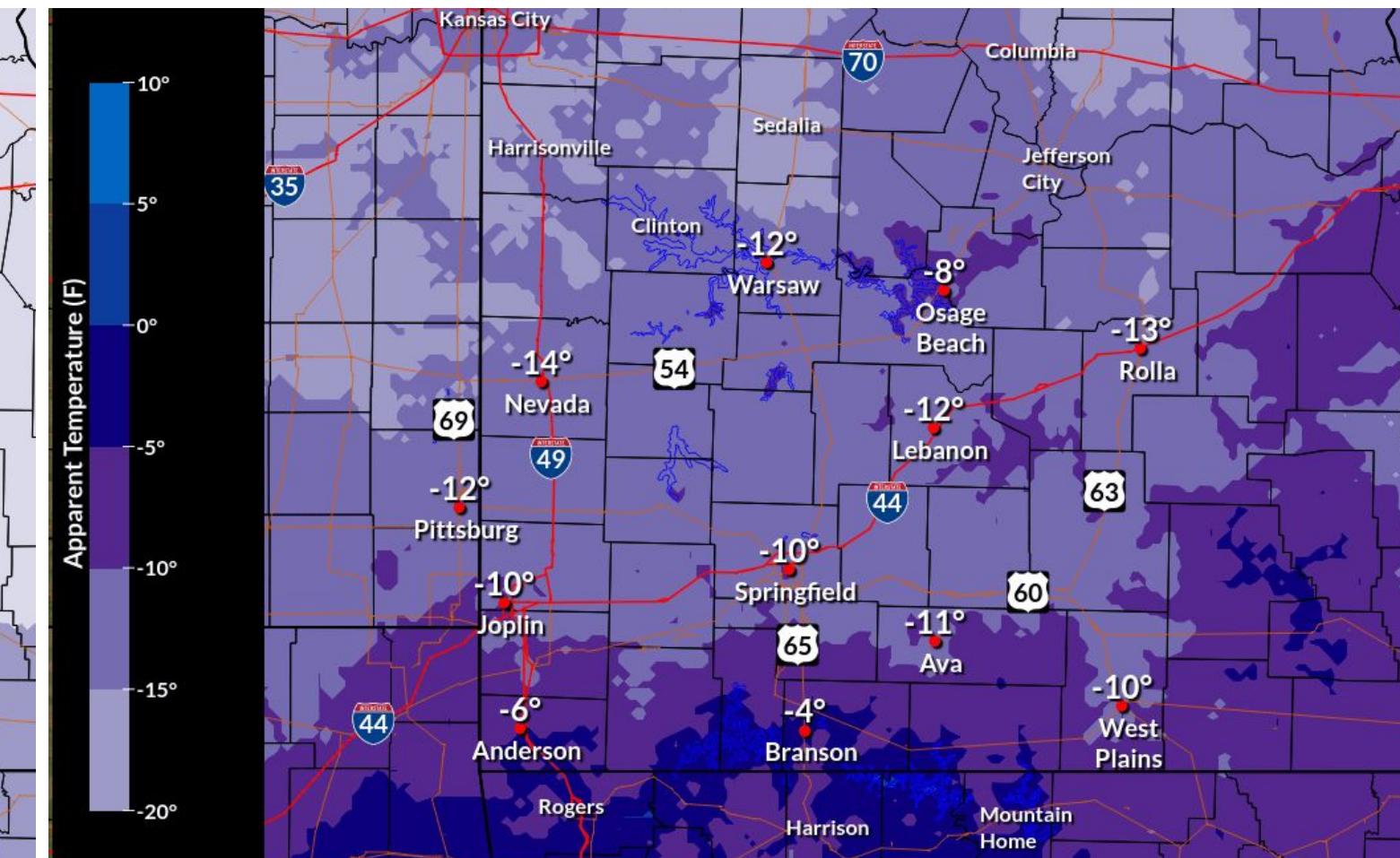
# Forecast Low Temps & Wind Chills

January 23, 2026  
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Tonight



Low Temperatures Tonight



Minimum Wind Chill Tonight



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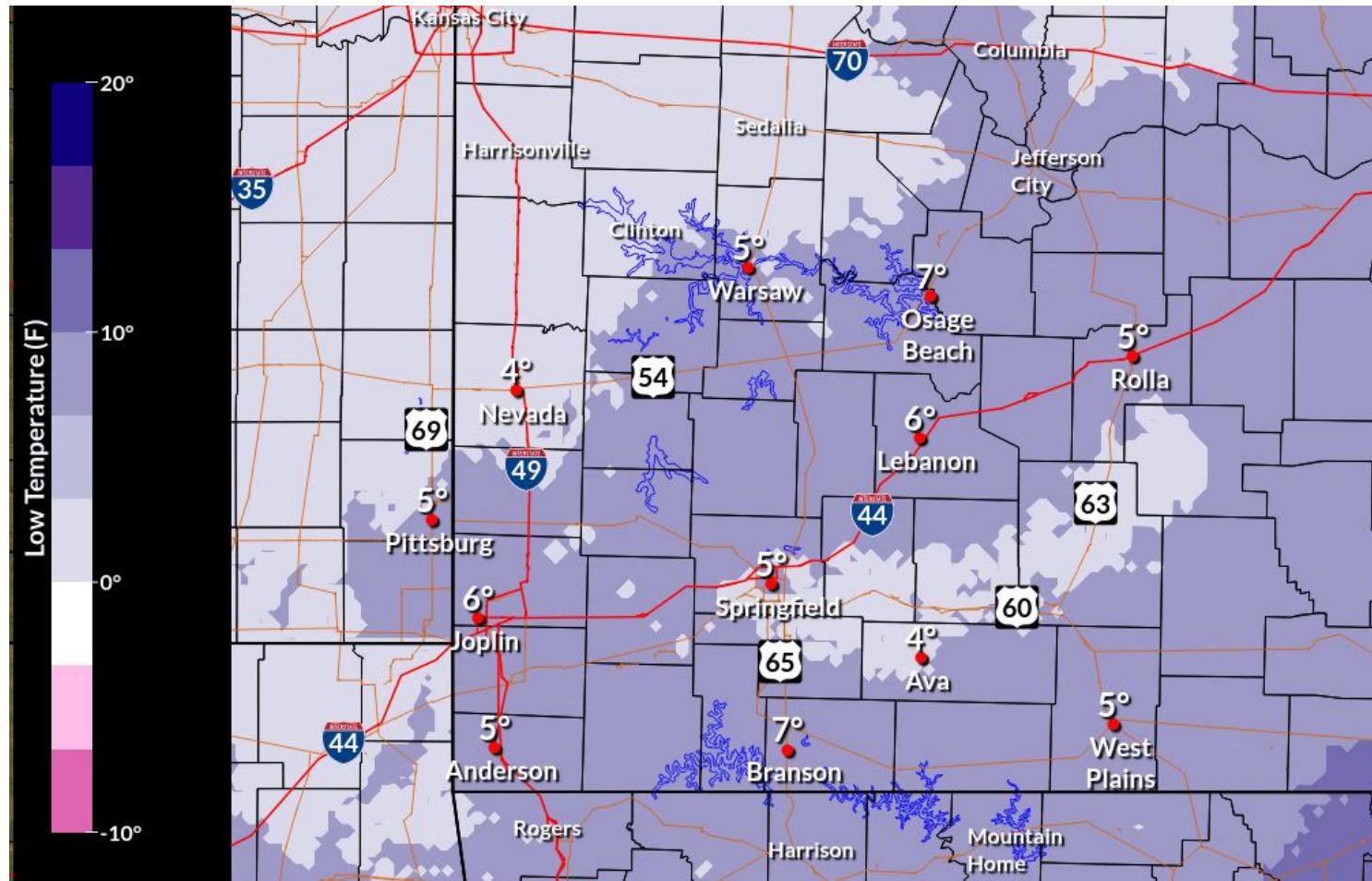
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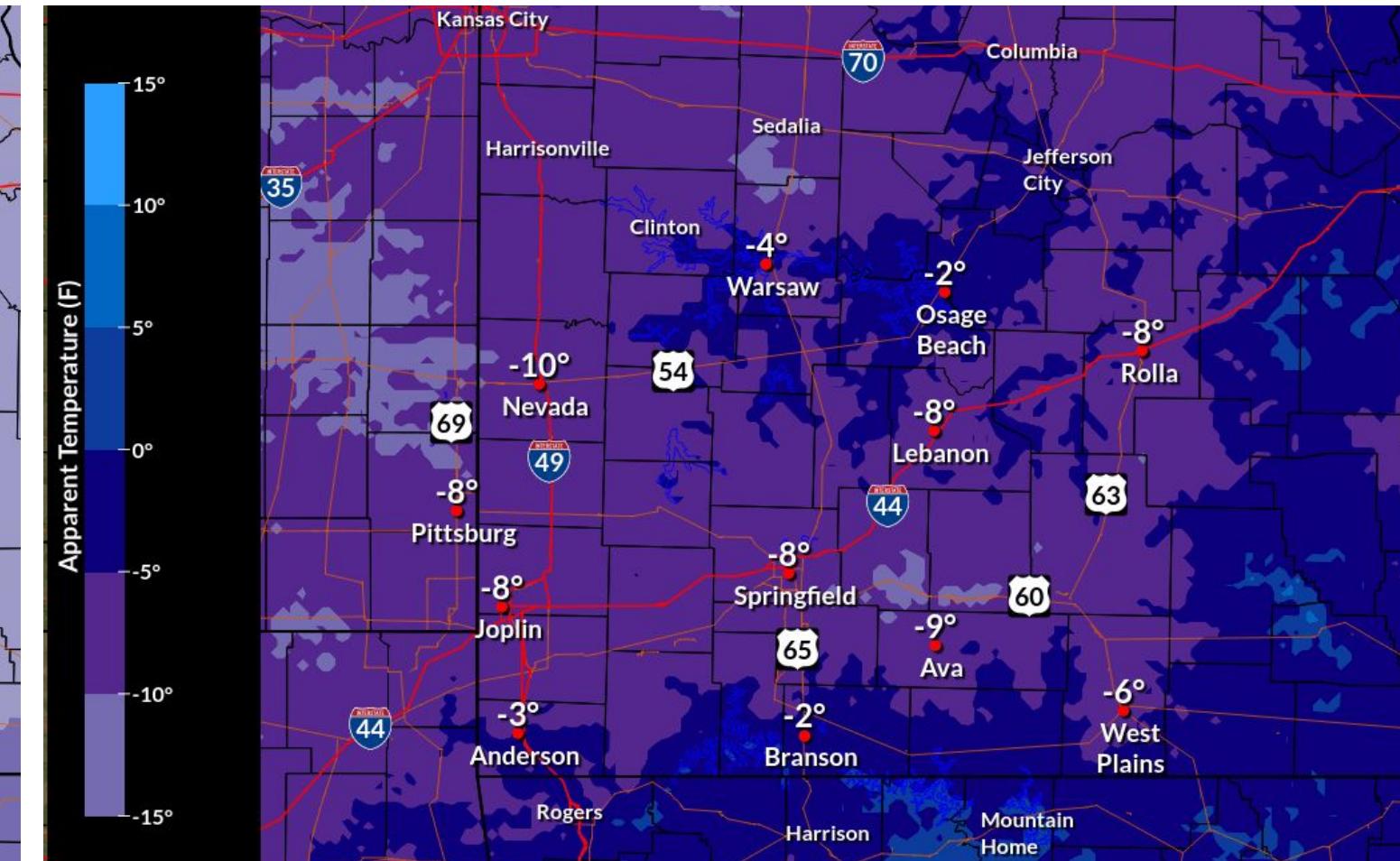
# Forecast Low Temps & Wind Chills

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Saturday Night



Low Temperatures Saturday Night



Minimum Wind Chill Saturday Night



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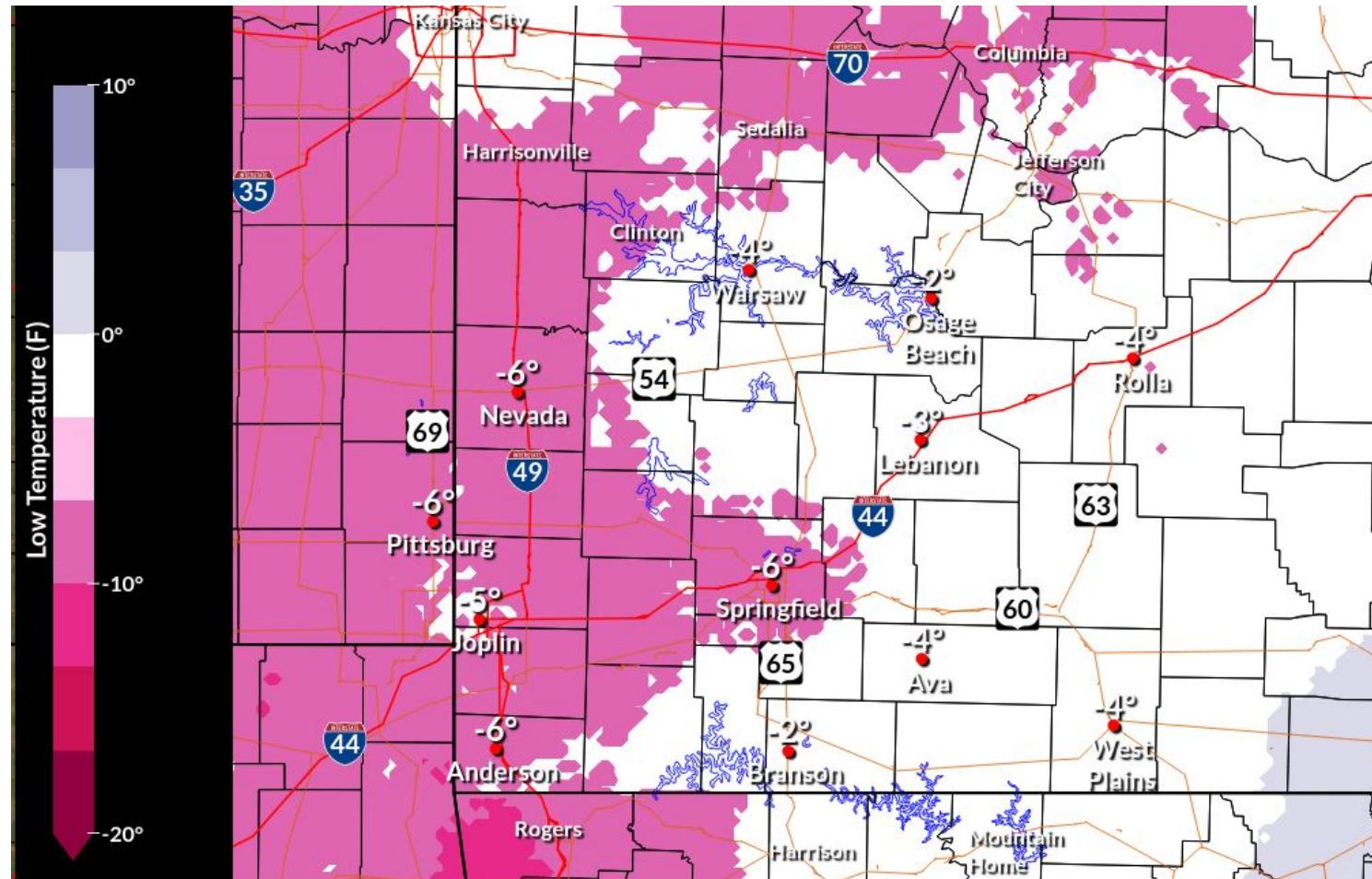
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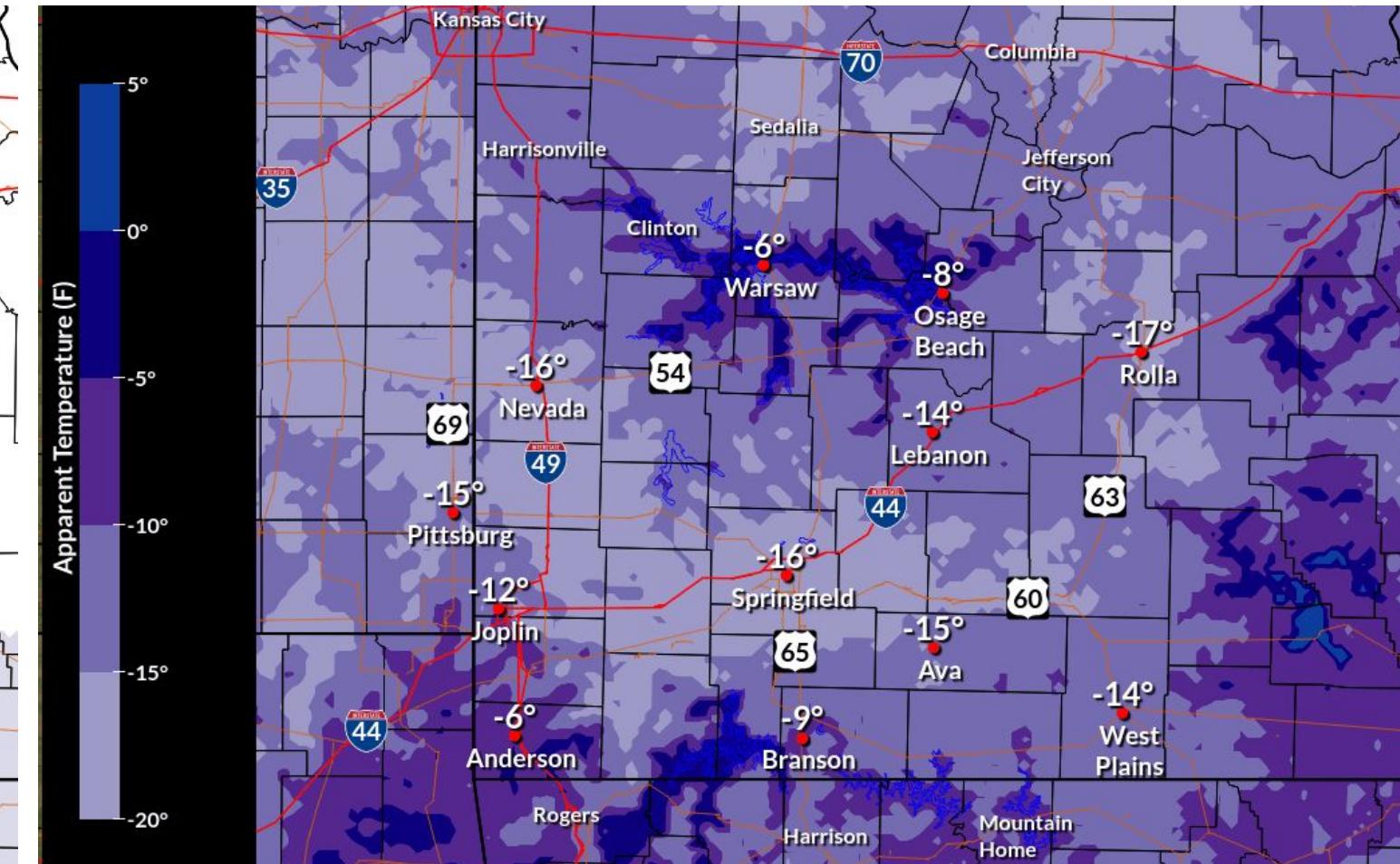
# Forecast Low Temps & Wind Chills

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Sunday Night



Low Temperatures Sunday Night



Minimum Wind Chill Sunday Night



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# Confidence Levels

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## Location



## Timing



## Amounts



## Travel Impacts



## Confidence Details

- Increasing confidence in higher amounts as two rounds of accumulating snowfall are expected.
- The highest amounts are currently expected to be focused across extreme southeast KS into far southwestern MO.
- High confidence that dangerous cold weather accompanies this system. Potential for the introduction of an Extreme Cold Warning on Sunday night.

## Remaining Unknowns

- Magnitude of upper-end snowfall amounts due to uncertainty in the exact track and banding of snow.
- Exact onset timing of snow will also vary across the forecast area due to the dry air mass in place today.
- Precipitation types along the MO/AR border Saturday afternoon as sleet could be mixed in with snow at times.



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# Prepare for Cold and Potential Snow

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Keep Up with the Forecast

## For Additional Information

- [NWS Springfield Webpage](#)
- [NWS Springfield Probabilistic Snowfall](#)
- [NWS Cold-Related Products and Criteria](#)
- [IDSS Point Forecasts](#)
- [Graphical Hazardous Weather Outlook](#)
- [MODOT Travel Map](#)
- [KDOT Travel Map](#)
- [Missouri Warming Shelters](#)
- [Winter Weather Safety](#)
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