



January 12, 2024  
4:01 AM

# Winter Weather Today and Sunday, Dangerous Wind Chills Saturday through Tuesday

Updated: January 12, 2024 at 4 AM

National Weather Service  
Springfield, MO



# Overview

January 12, 2024  
4:01 AM

Today Through Tuesday

## Key Messages

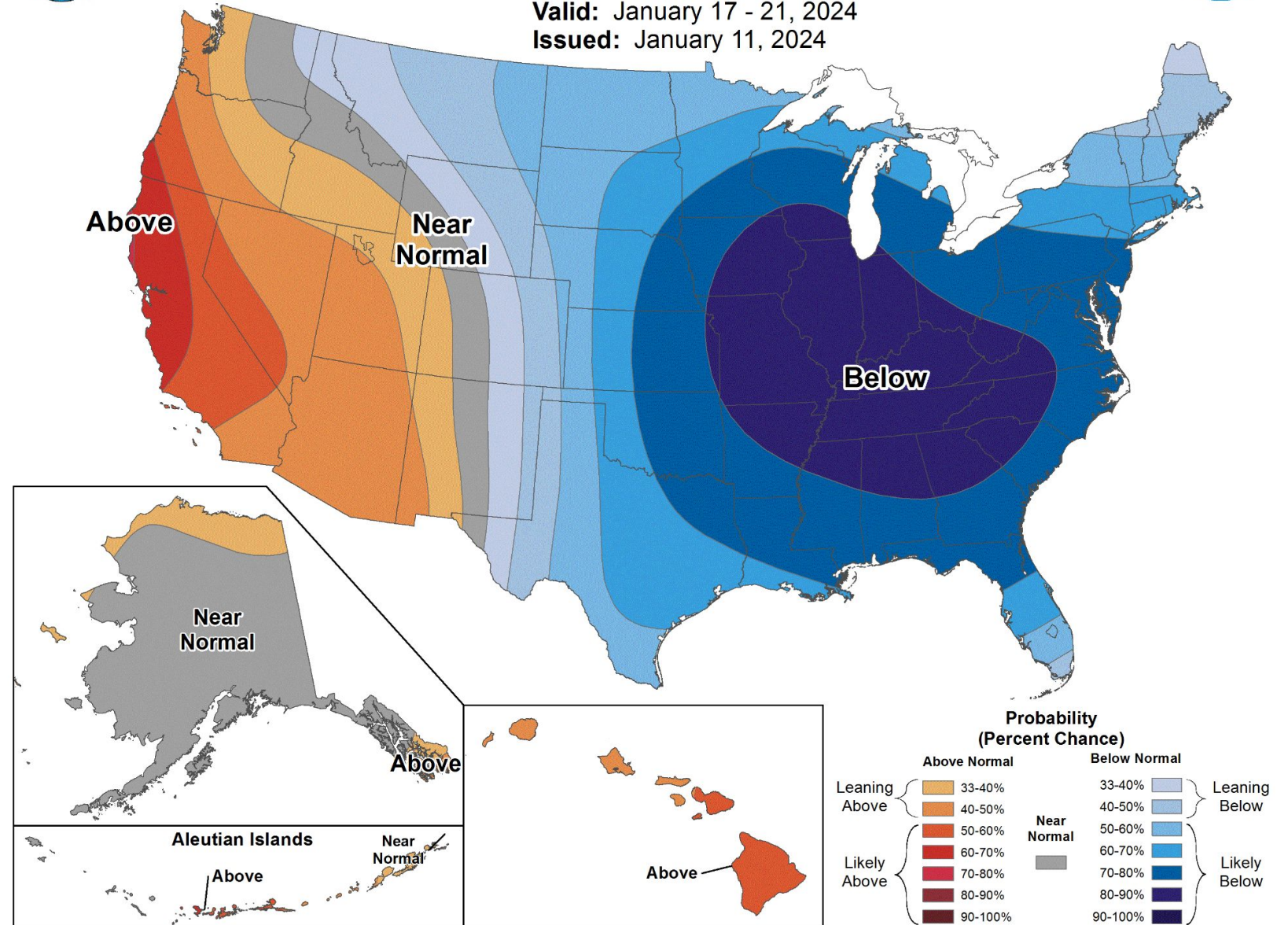
- Two rounds of winter weather will occur over the weekend. The first is ongoing today. The next will occur late Sunday into early Monday.
- Minor to moderate road impacts are possible today. On Sunday, at least minor road impacts are possible, especially south of I-44.
- Low temperatures 20 to 30 degrees below normal likely today through Tuesday.
- Dangerous wind chills -15 to -30 degrees are likely Sunday morning, Monday morning, and Tuesday morning.



## 6-10 Day Temperature Outlook



Valid: January 17 - 21, 2024  
Issued: January 11, 2024



## Next Scheduled Update

→ This Afternoon



National Oceanic and Atmospheric Administration  
U.S. Department of Commerce

National Weather Service  
Springfield, MO



# Winter Weather Advisory

January 12, 2024

4:01 AM

Until Noon Today



## Key Message

- **Rapidly falling temperatures** this morning will cause wet roads to **freeze very quickly**
- The morning commute may be hazardous
- **Light snow accumulation** expected across much of the area
- **Wind gusts as high as 45 mph** and **wind chills in the single digits**



## Impacts



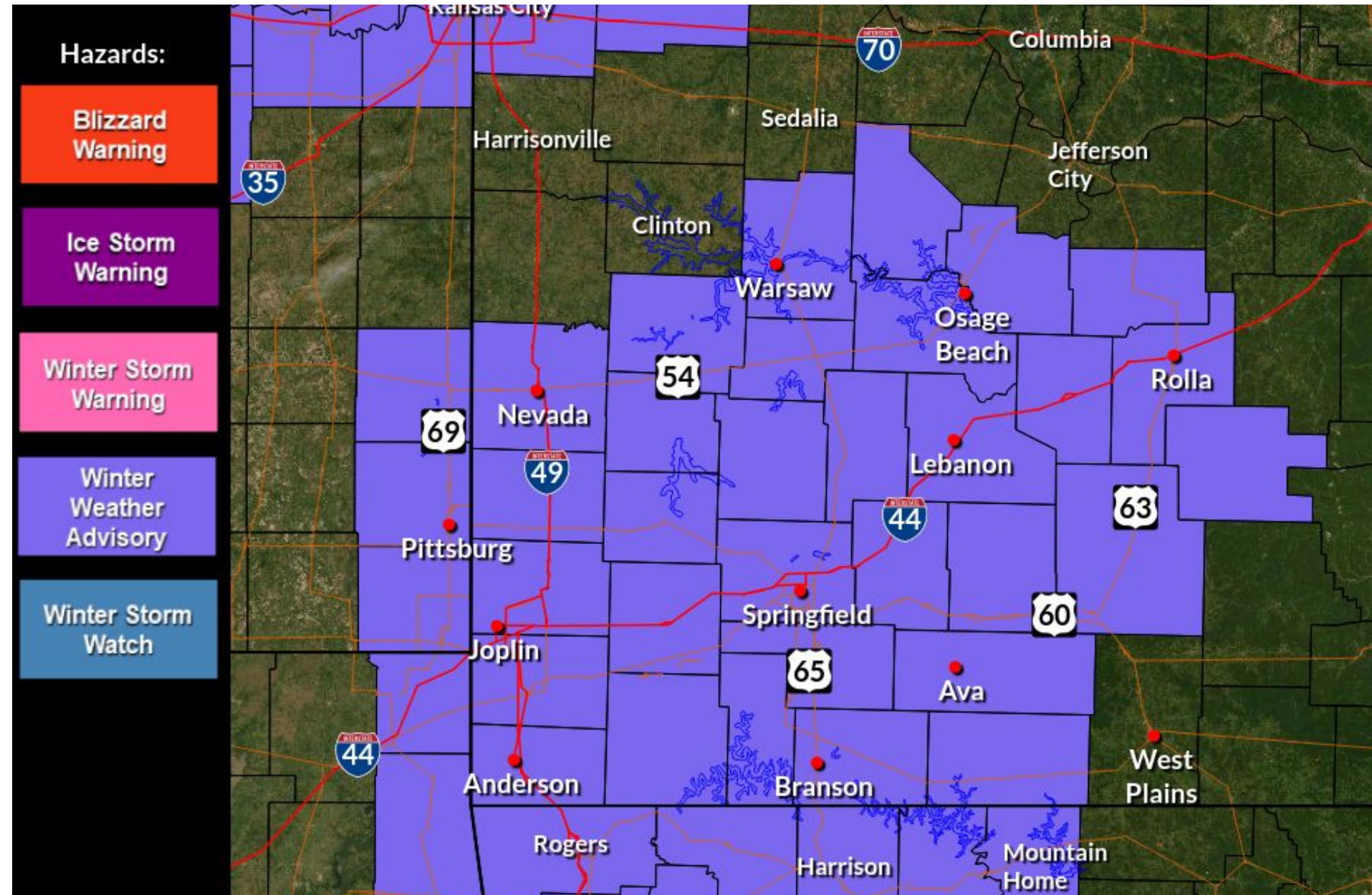
Slow Commute



Difficult Travel



Cold Wind Chills





# Snowfall and Falling Temperatures

January 12, 2024  
4:01 AM

Today

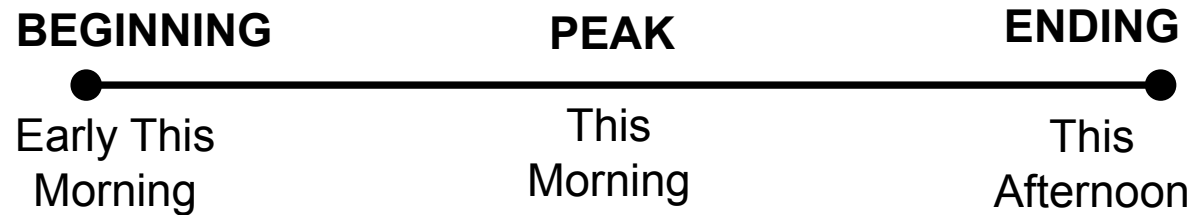


## Key Message

Watch for rapidly changing road conditions this morning as temperatures quickly fall from above freezing to the low 20s and teens. A flash freeze is likely where roads are wet and/or snow is falling.



## Timeline



## Impacts



Slow Commute

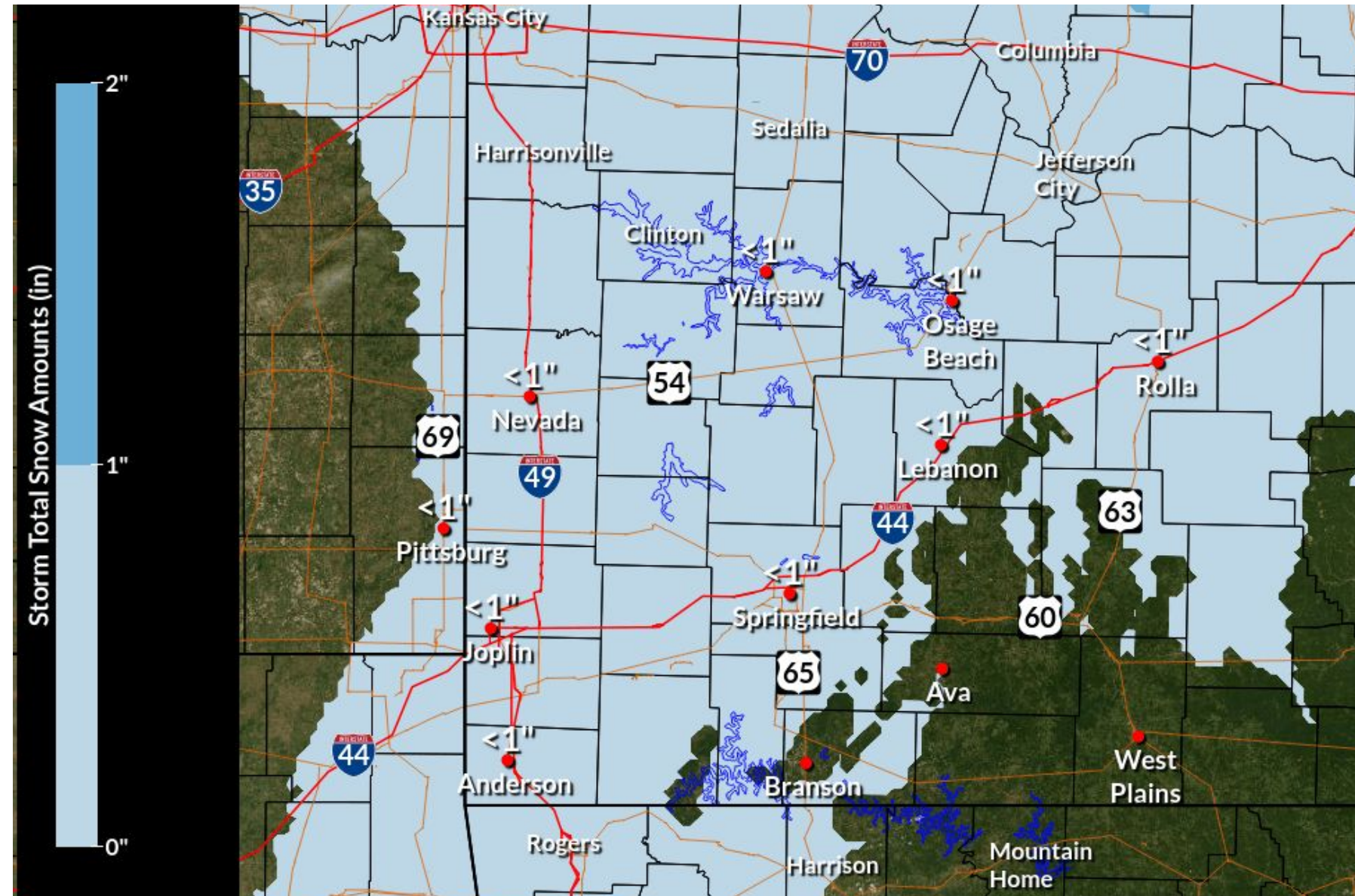


Difficult Travel



Cold Wind Chills

## Total Snowfall Today



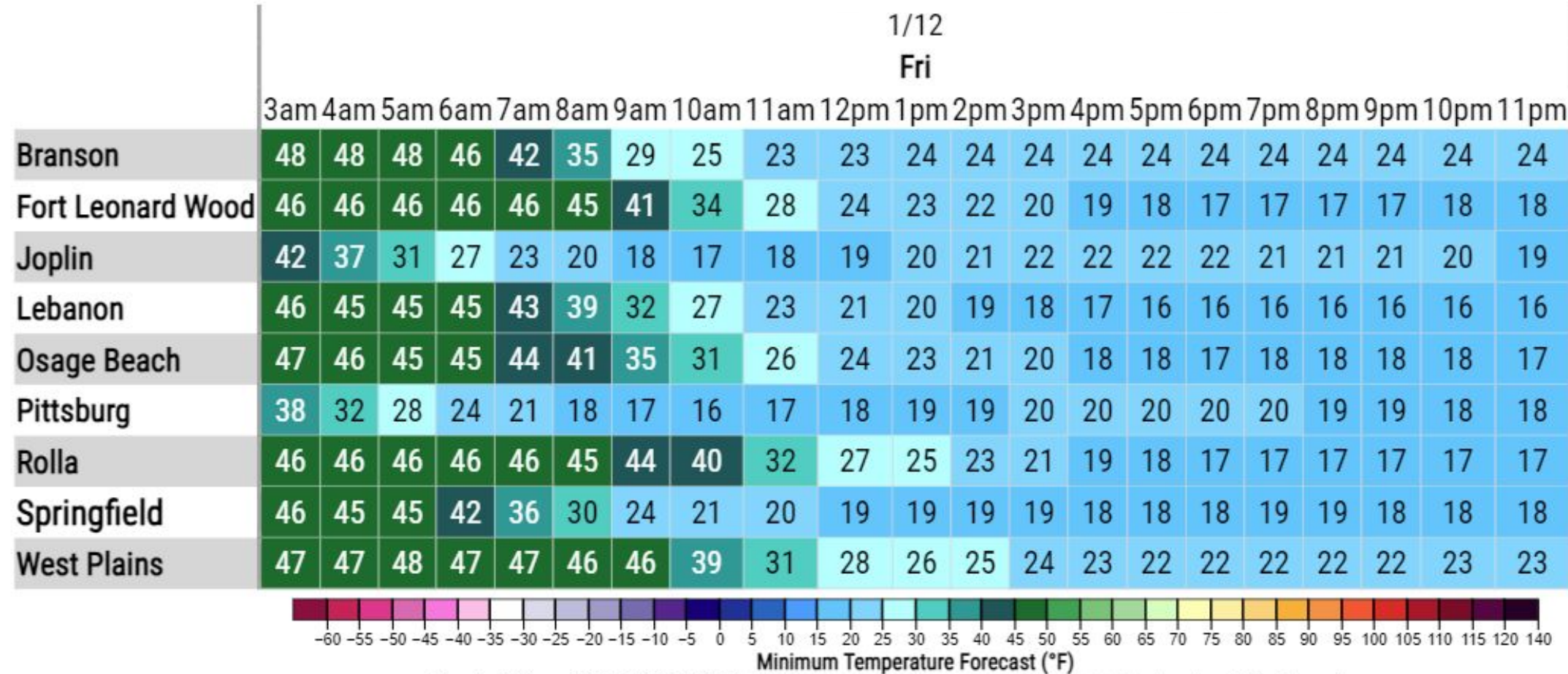


# Temperatures Rapidly Dropping

January 12, 2024  
4:01 AM

Today

## Hourly Temperature Forecast



Created: 3 am CST Fri 1/12/2024 | Values are minimums over the period beginning at the time shown.

Watch for rapidly changing road conditions this morning as temperatures quickly fall from above freezing to the low 20s and teens over 1 to 2 hours. Increasing confidence in flash freeze where roads are wet and/or snow is falling.



# Very Cold Wind Chills

January 12, 2024  
4:01 AM

Today

## Hourly Wind Chill Forecast

1/12  
Fri

	3am	4am	5am	6am	7am	8am	9am	10am	11am	12pm	1pm	2pm	3pm	4pm	5pm	6pm	7pm	8pm	9pm	10pm	11pm
Branson	46	46	45	41	35	25	17	11	8	7	9	9	9	8	8	9	9	9	10	11	11
Fort Leonard Wood	42	42	42	43	42	39	33	23	15	9	8	6	4	2	1	-1	-1	-1	0	2	2
Joplin	35	27	19	14	8	4	1	0	1	2	3	4	6	6	7	7	7	8	8	8	7
Lebanon	42	41	41	41	37	31	20	13	7	4	3	1	0	-1	-3	-3	-3	-3	-2	-1	-1
Osage Beach	44	43	42	43	40	34	25	20	13	9	8	5	4	1	0	0	1	1	1	2	1
Pittsburg	30	20	15	10	5	1	0	-2	0	1	2	2	4	4	5	6	6	6	7	5	7
Rolla	41	42	42	42	42	40	38	31	20	13	9	7	4	1	0	-2	-2	-1	-1	0	0
Springfield	42	40	40	35	26	18	10	5	3	2	1	1	1	0	0	0	2	2	1	2	3
West Plains	42	43	44	43	43	41	40	29	18	13	10	9	7	6	5	5	4	5	5	7	7



Created: 3 am CST Fri 1/12/2024 |

Wind chill values will drop into the single digits (above and below zero) this morning into this evening.



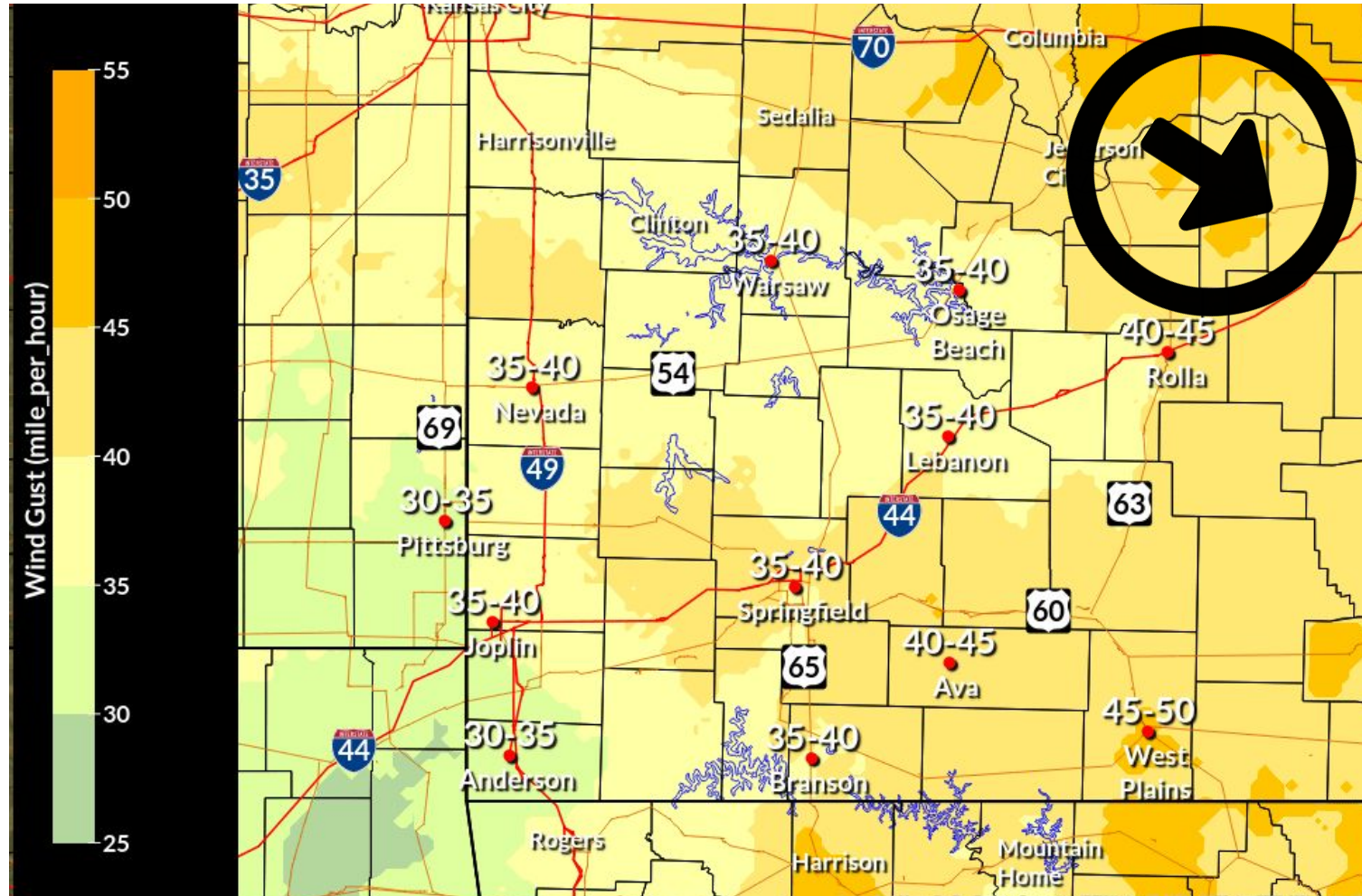
# Wind Advisory Today

January 12, 2024  
4:01 AM

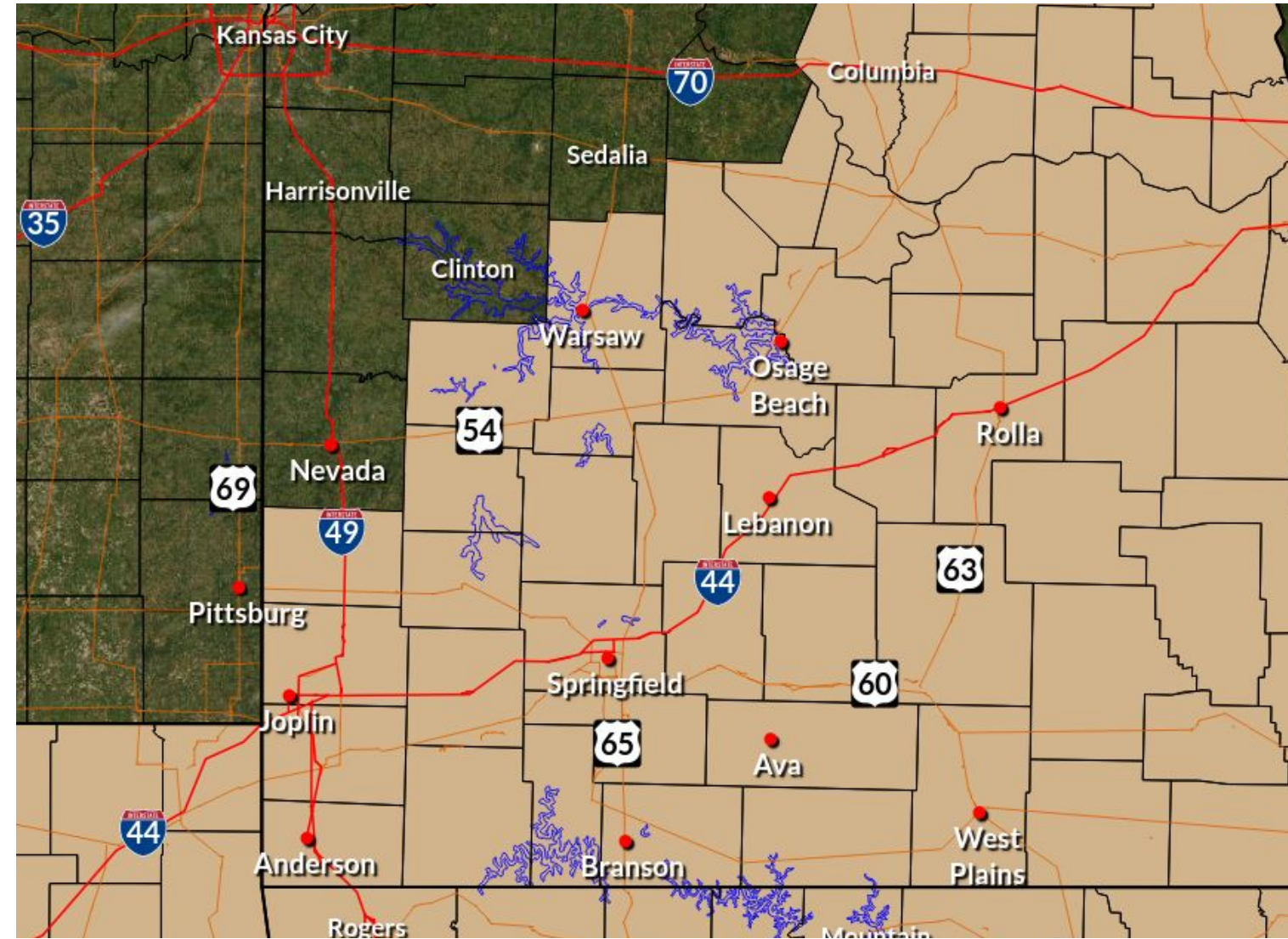
Until Midnight Tonight

## Peak Wind Gust Speed

Northwest Winds



## Wind Advisory



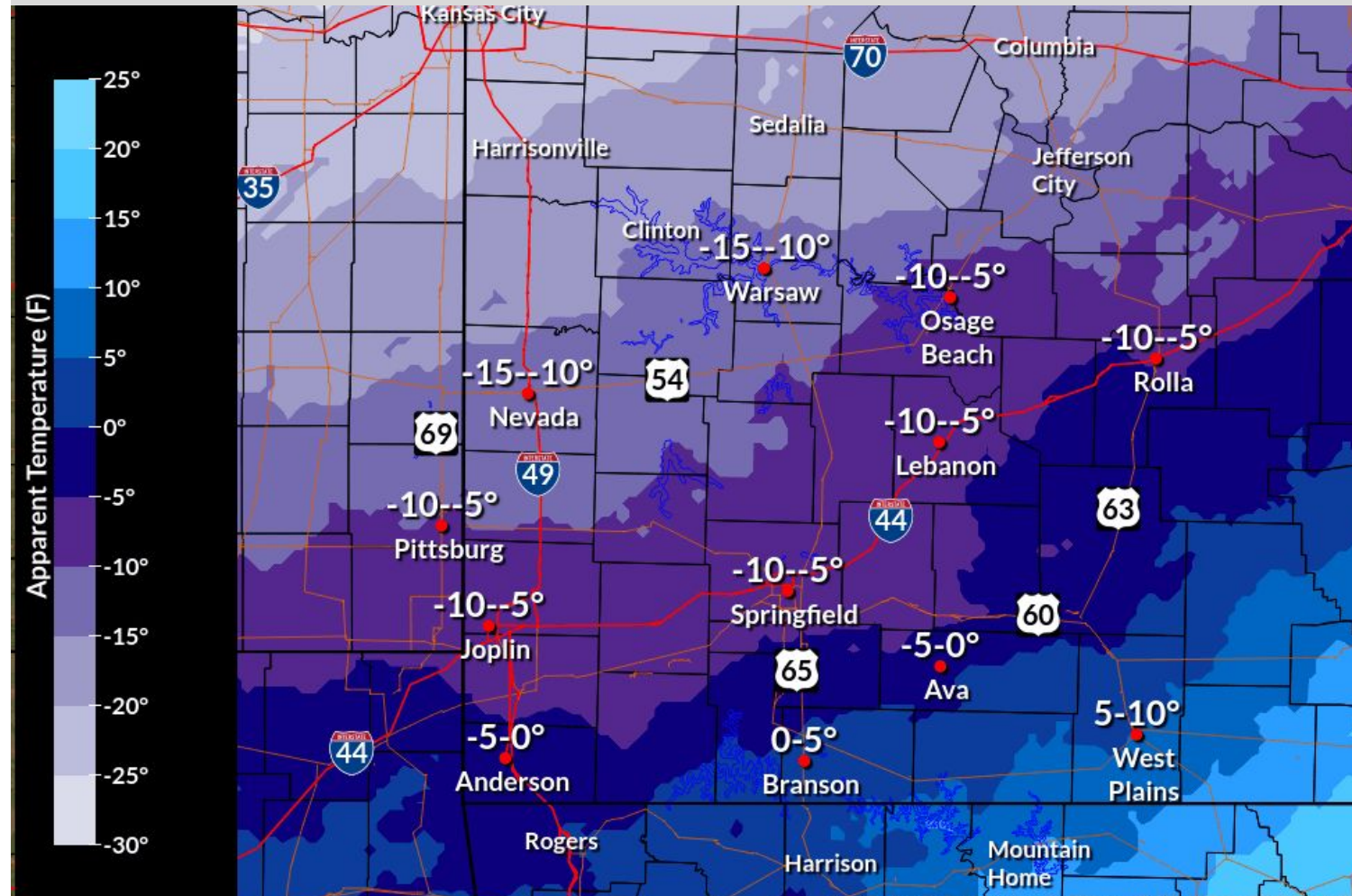


# Minimum Wind Chills

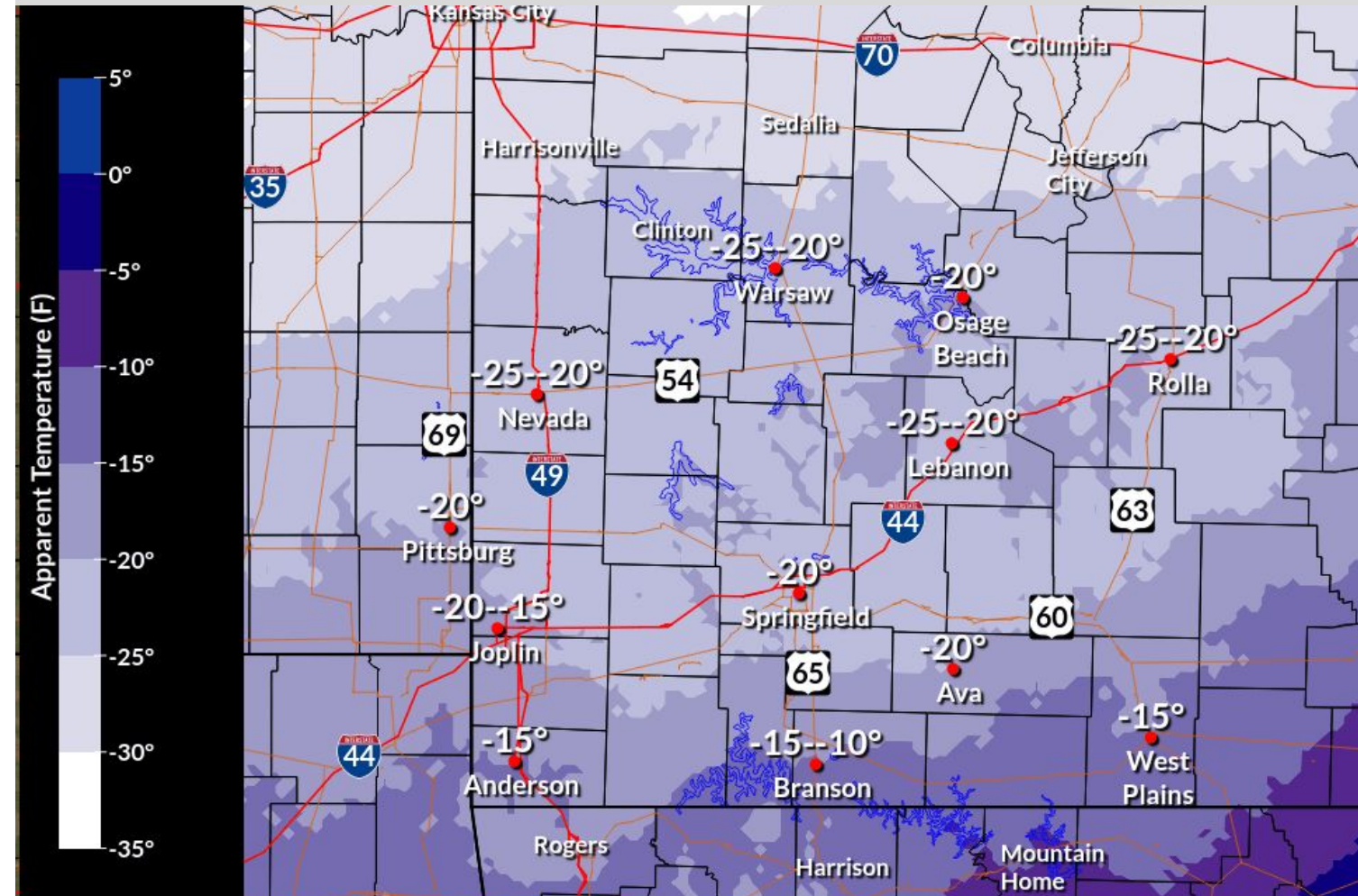
January 12, 2024  
4:01 AM

Forecast

## Saturday



## Sunday







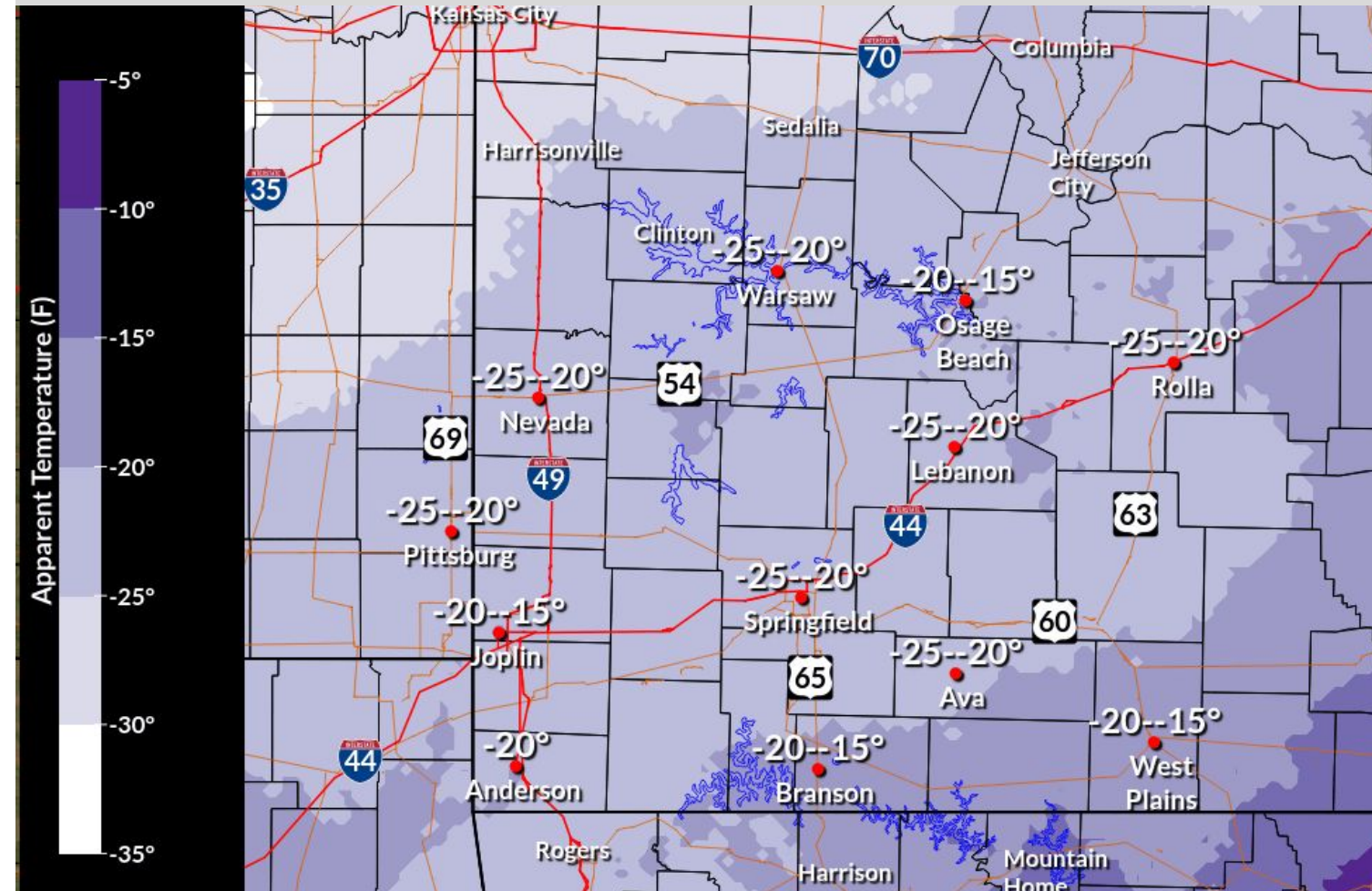
# Minimum Wind Chills

January 12, 2024

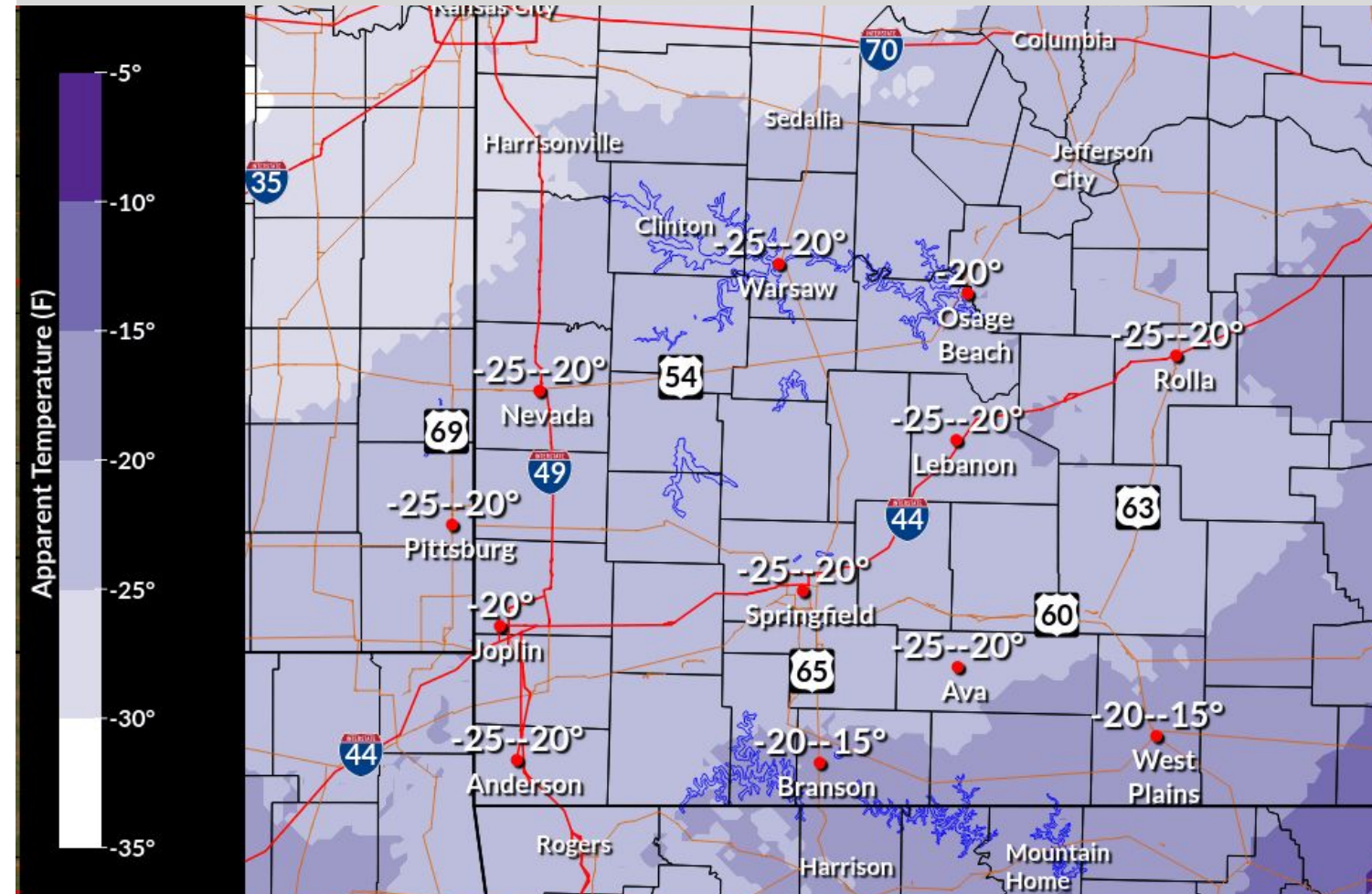
4:01 AM

Forecast

## Monday



## Tuesday



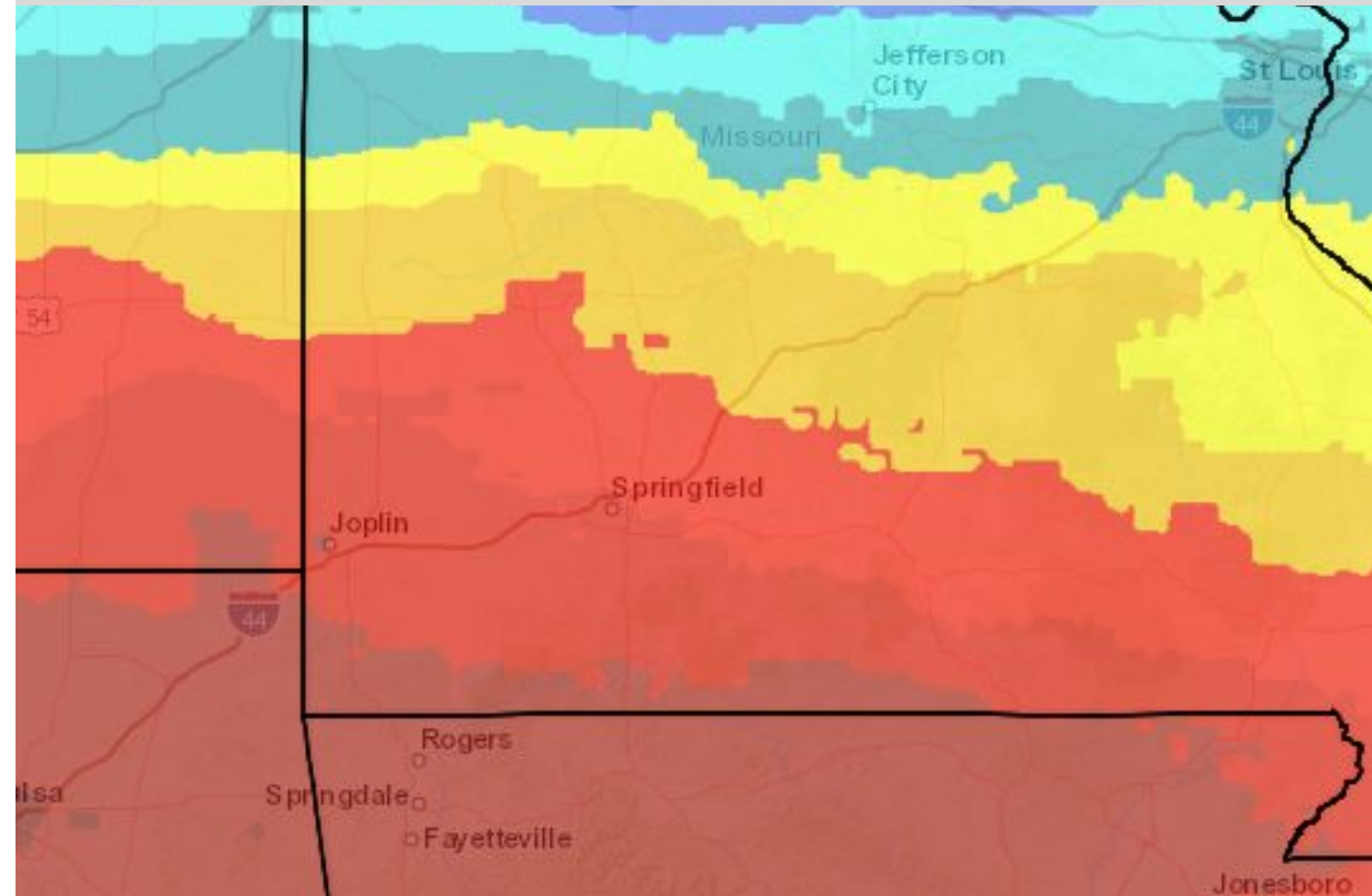


# Probabilistic Winter Storm Severity Index

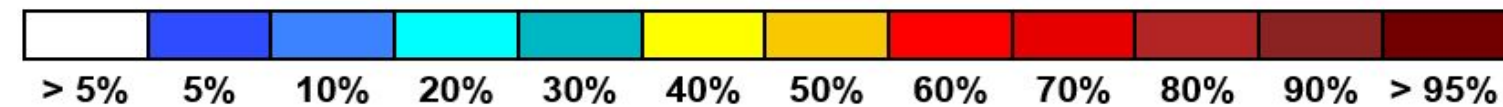
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Sunday into Sunday Night

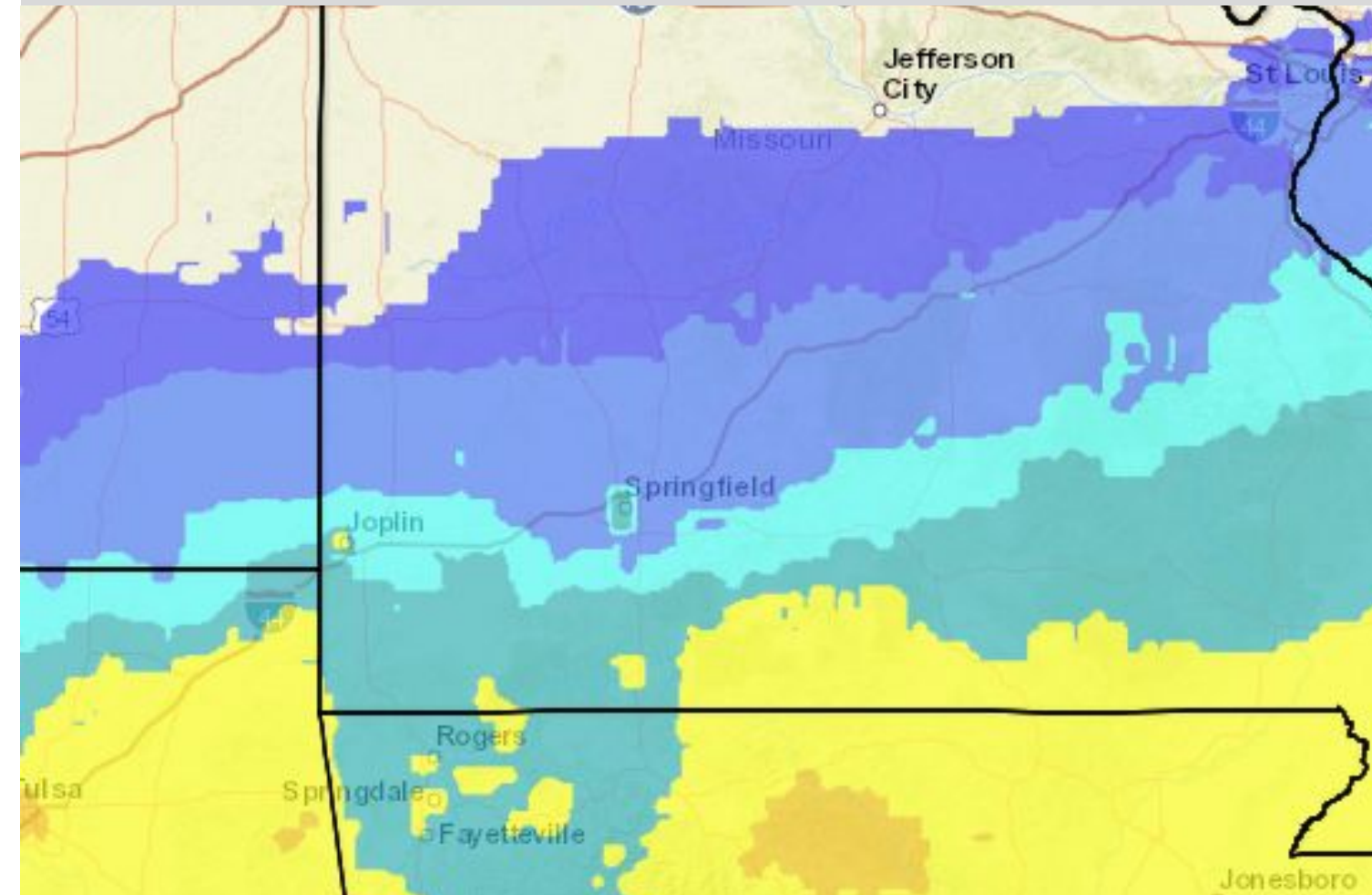
## Probability of Minor Impacts



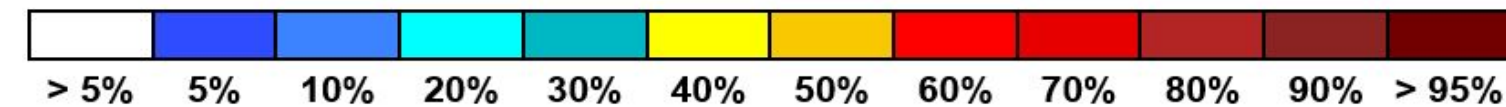
Likelihood of Impact



## Probability of Moderate Impacts



Likelihood of Impact





# Probabilities of Accumulating Snow

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## Sunday into Monday Morning

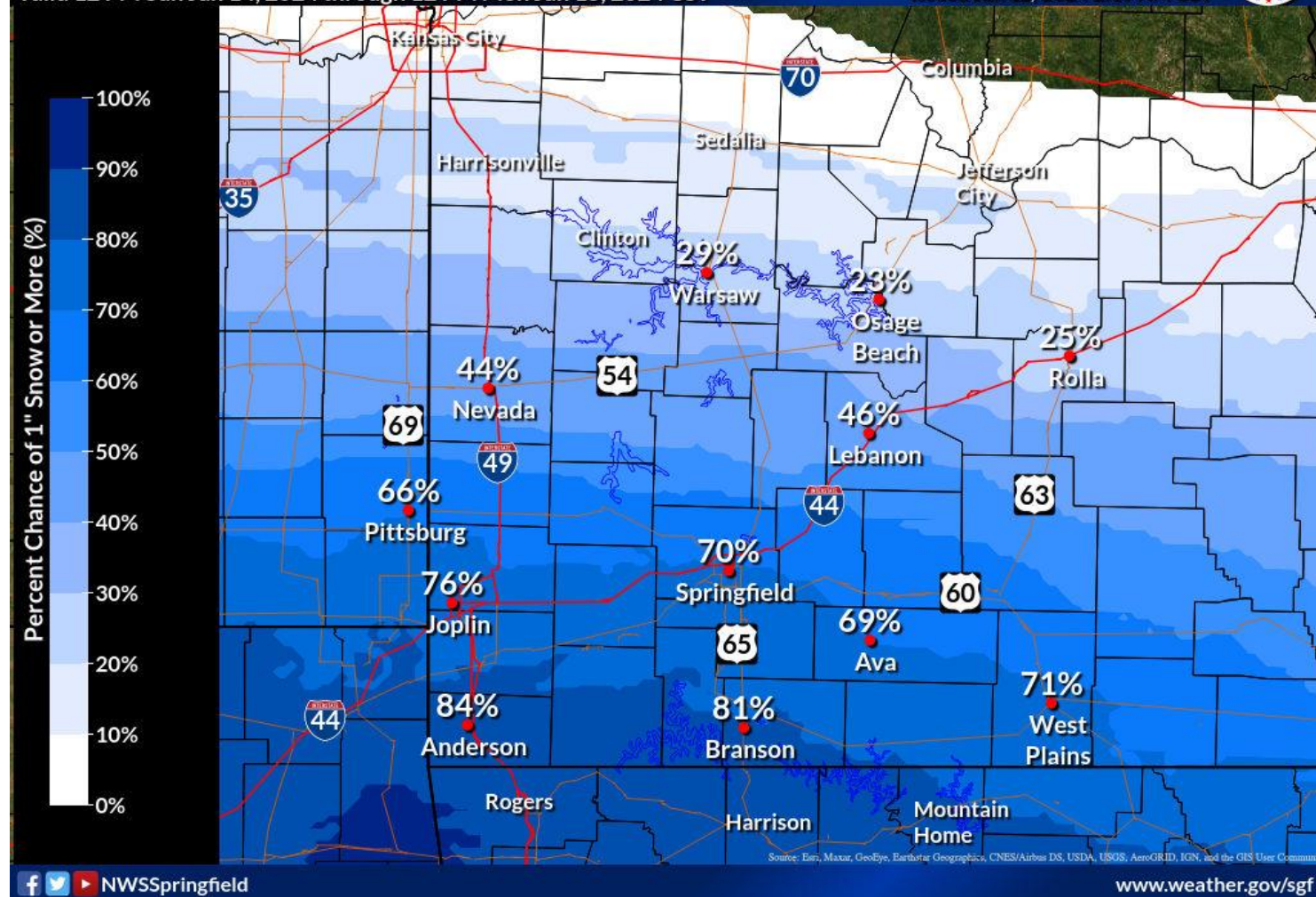
### Percent Chance of 1" Snow or More

Weather Forecast Office  
Springfield, MO



Valid 12 PM Sun Jan 14, 2024 through 12 PM Mon Jan 15, 2024 CST

Issued Jan 12, 2024 2:19 AM CST



### Percent Chance of 4" Snow or More

Weather Forecast Office  
Springfield, MO



Valid 12 PM Sun Jan 14, 2024 through 12 PM Mon Jan 15, 2024 CST

Issued Jan 12, 2024 2:19 AM CST





## 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](#)

**flash freeze**  
Wet roads can freeze quickly at night or when there is a rapid drop in temperature behind a cold front.

**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

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