



# Winter Storm and Dangerous Cold

February 18, 2025  
1:44 PM

## Key Messages

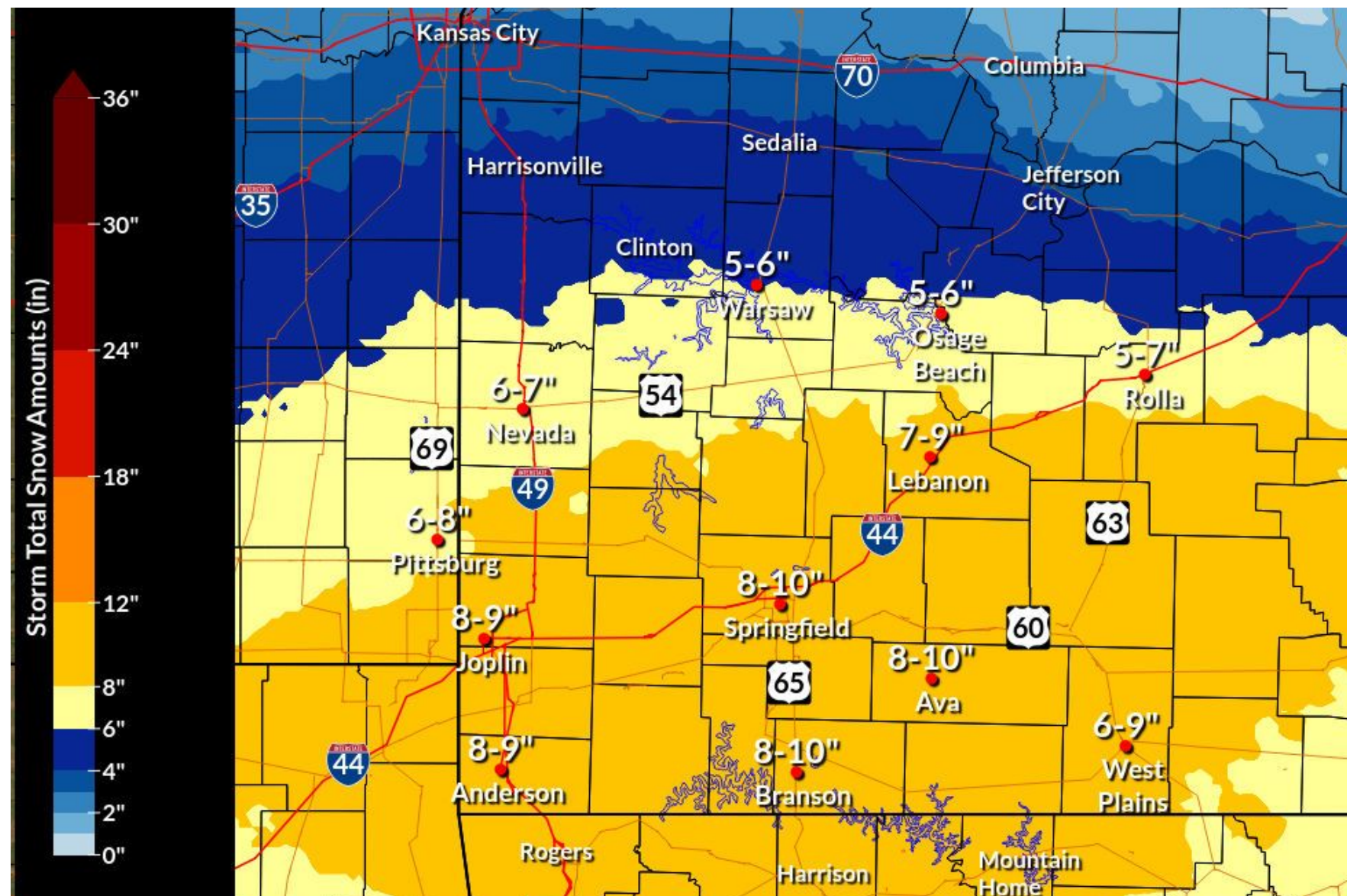
- **Winter Storm Warning** still in effect through 6am Wednesday.
- Heavy snow is expected with total amounts between 6 - 12 inches. Localized amounts up to 14 - 16 inches in heavier snow bands.
- Travel impacts and closures are ongoing and expected to continue with this system due to the amount of snow and blowing/drifting of snow.
- **Cold Weather Advisory** 6 pm Tonight through 12 pm Thursday. High confidence in dangerous cold Tuesday through Friday morning. Wind chills of -10 to -20 are likely. May be upgraded to a warning.

## NEW Important Updates

- Updated **remaining** snowfall
- Temperatures trending colder

## Next Scheduled Briefing

- Wednesday morning by 5 AM



**\*Remaining\* Forecast Snowfall Amounts**



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Springfield, MO

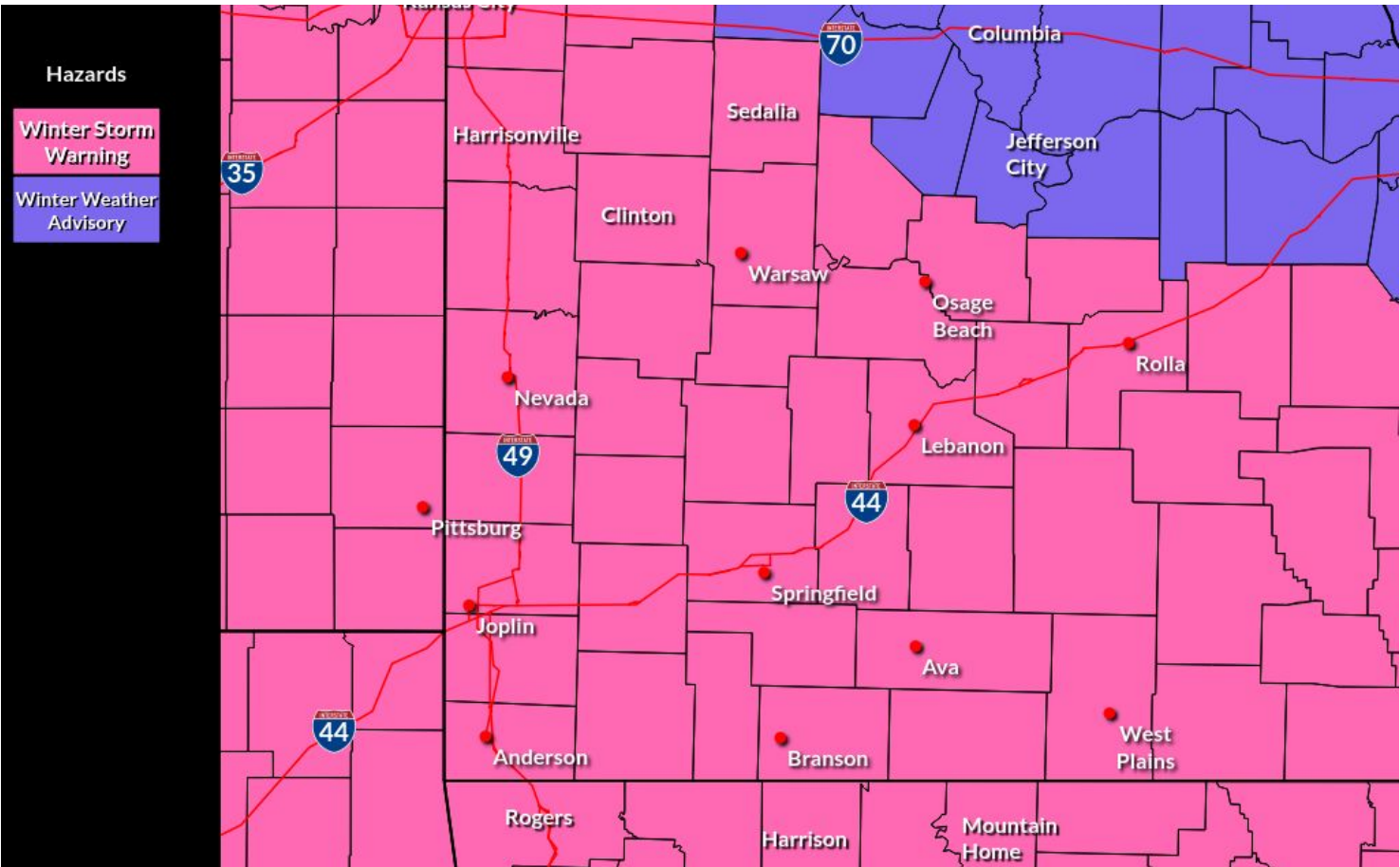




# Winter Storm and Cold Headlines

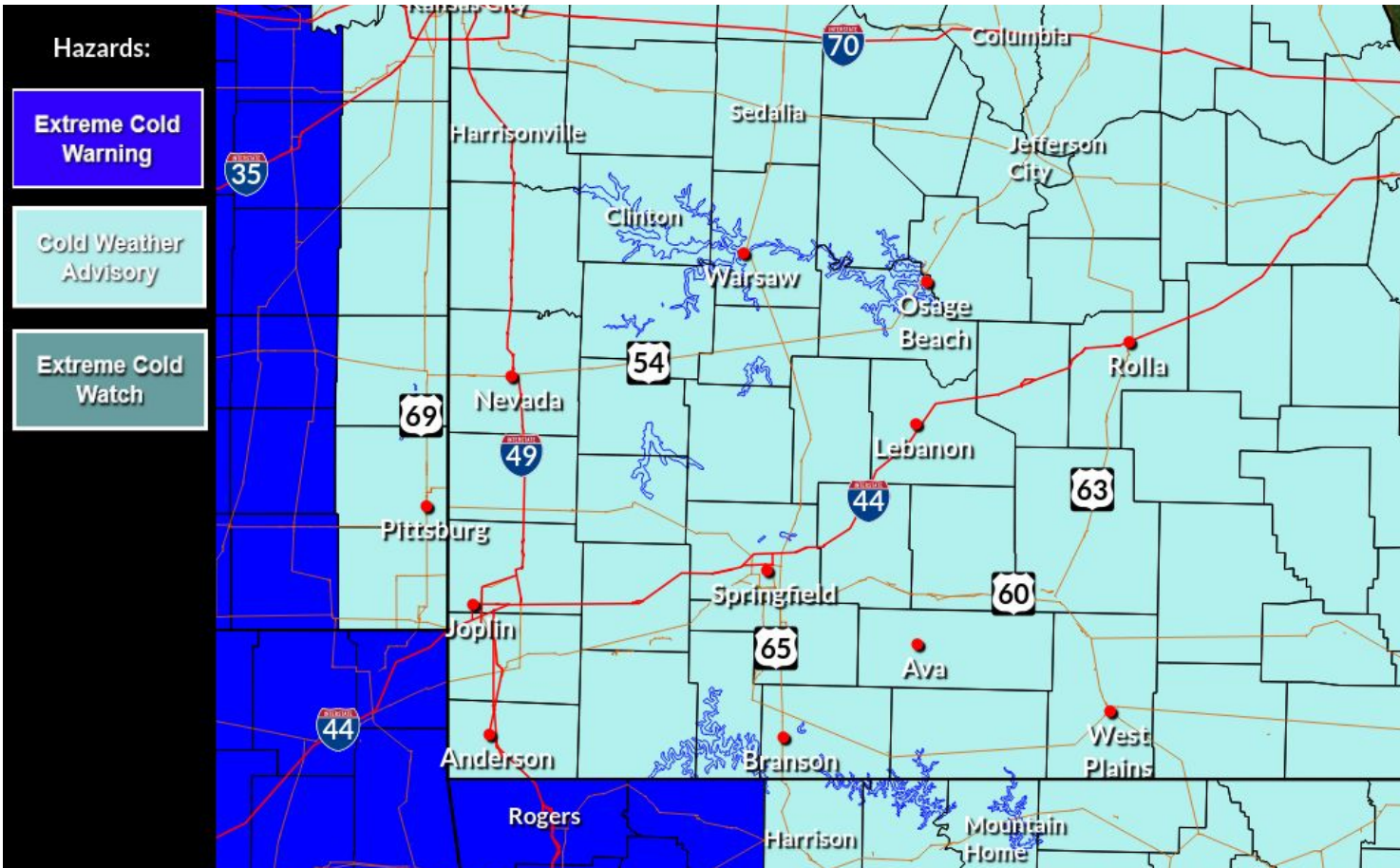
February 18, 2025  
1:44 PM

## Winter Storm Warning and Cold Weather Advisory



### Winter Storm Warning

In effect through Wednesday 6 am



### Cold Weather Advisory

This Evening 6 pm - Thursday 12 pm





# Winter Storm and Cold Details

February 18, 2025  
1:44 PM



**Hazards:** Heavy snow. Wind gusts of 20 to 30 mph. Wind chill values in the -10 to -25 degree range.



**Areas Impacted:** The entire area will continue to be impacted by heavy snow. The entire area will also experience dangerously cold wind chills Today through Thursday.



**Timing & Duration:** Moderate to heavy to continue this afternoon through this evening before ending early Wednesday morning.



**Impacts:** Major travel impacts, closures to businesses/schools and disruptions to daily life are likely. Travel has become impossible for some, and will continue through tonight. Dangerously cold wind chills could lead to hypothermia and/or frostbite, especially those most sensitive to the cold.



**Certainty & Considerations:** Confidence is high in heavy snow causing impacts; therefore, don't focus on exact snow amounts. If wind gusts or snow intensities increase then near blizzard-like conditions with drifting of snow would occur.







# Snow Timing/Intensity

February 18, 2025  
1:44 PM

Heaviest Snow this Afternoon Through the Evening

Weather Forecast																		
	2/18 Tue												2/19 Wed					
	12pm	1pm	2pm	3pm	4pm	5pm	6pm	7pm	8pm	9pm	10pm	11pm	12am	1am	2am	3am	4am	5am
Branson	95%	100%	100%	100%	95%	100%	100%	100%	100%	100%	100%	75%	50%	40%	35%	20%	5%	5%
Fort Leonard Wood	85%	90%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	80%	60%	40%	20%	5%	10%
Joplin	95%	100%	100%	100%	100%	100%	100%	100%	100%	90%	85%	50%	10%	10%	5%	5%	0%	5%
Lebanon	95%	95%	100%	100%	100%	100%	100%	100%	100%	100%	100%	85%	70%	50%	25%	15%	5%	5%
Monett	95%	100%	100%	100%	100%	100%	100%	100%	100%	100%	95%	60%	25%	20%	15%	10%	0%	5%
Mountain Grove	95%	95%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	80%	60%	40%	20%	5%	5%
Nevada	95%	100%	100%	100%	100%	100%	100%	100%	100%	90%	80%	50%	20%	15%	5%	5%	0%	5%
Osage Beach	65%	80%	100%	100%	100%	100%	100%	100%	100%	100%	100%	80%	60%	40%	25%	15%	5%	10%
Pittsburg, KS	100%	100%	100%	100%	100%	100%	100%	100%	100%	85%	75%	45%	15%	10%	5%	5%	0%	5%
Rolla	65%	80%	95%	95%	100%	100%	100%	100%	100%	100%	100%	95%	85%	65%	40%	30%	20%	15%
Springfield	95%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	50%	35%	20%	10%	5%	5%
Warsaw	85%	95%	100%	100%	100%	100%	95%	95%	95%	90%	85%	55%	25%	15%	10%	5%	5%	5%
West Plains	55%	75%	95%	100%	100%	100%	100%	100%	100%	100%	100%	100%	95%	80%	60%	40%	20%	15%

Created: 1 pm CST Tue 2/18/2025. Shows most impactful weather for the period beginning at the time shown. Weather symbols display where Probability of Precipitation ≥ 0%.

- Snow +

Created: 1 pm CST Tue 2/18/2025 |

- Scattered flurries also possible throughout the day Wednesday







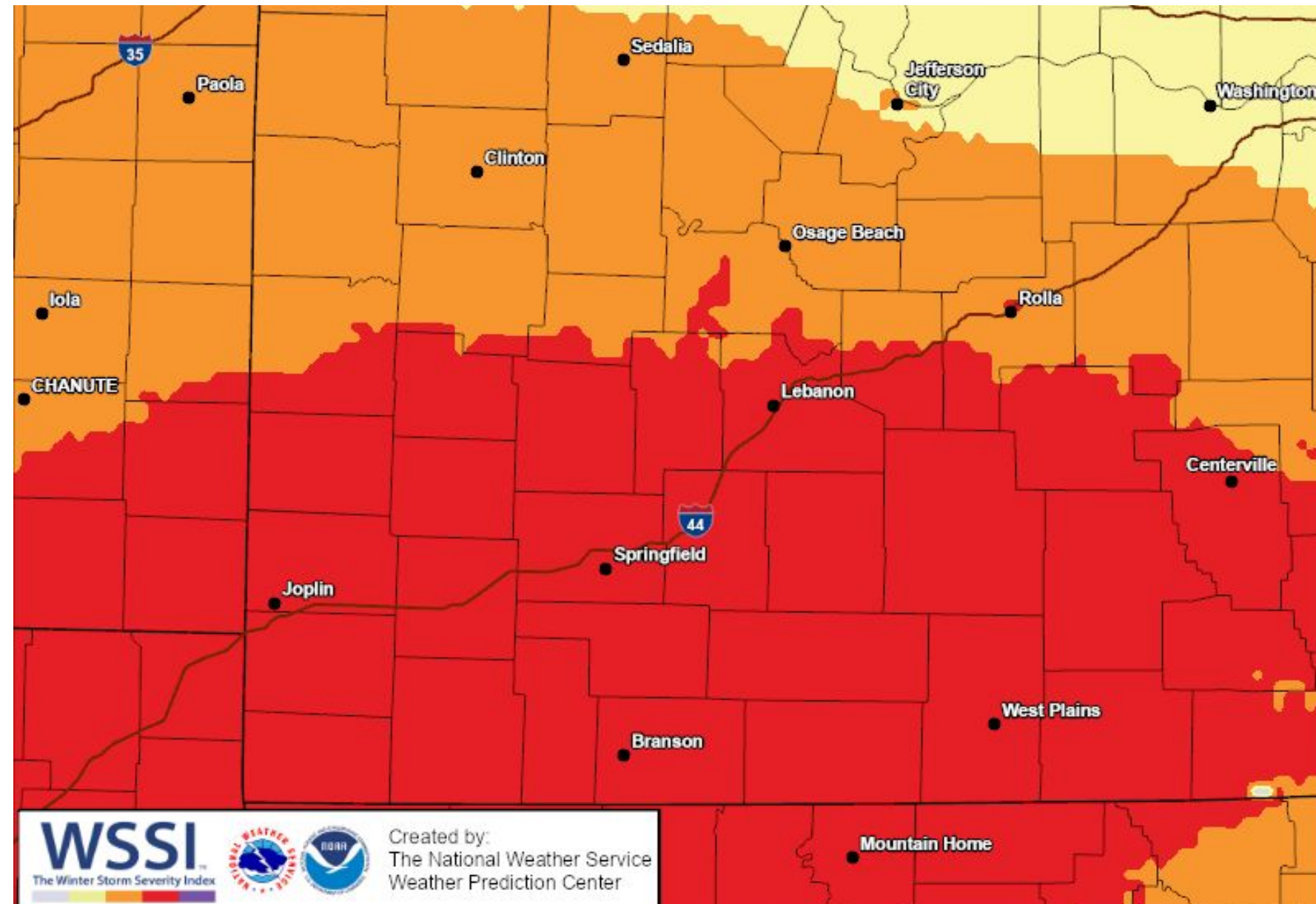
# Winter Storm Severity Index

February 18, 2025

1:44 PM

Major Impacts expected to continue

- Major impacts expected to continue over a large area.
- Expect considerable disruptions to daily life with dangerous or even impossible driving conditions through tonight.
- Blowing and drifting of snow will also create dangerous impacts for travelers, especially along the I-49 corridor.



[NWS Springfield WSSI](#)



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# Winter Storm Impacts Timeline

February 18, 2025  
1:44 PM

Today-Wednesday

	Today		Wednesday		
	12 pm	6 pm	12 am	6 am	12 pm
Cassville, Neosho, Anderson	Major	Major	Major	Major	Minor
Pittsburg, Joplin, Mount Vernon, Nevada	Major	Major	Major	Moderate	Minor
Springfield, Ozark, Marshfield	Major	Major	Major	Major	Moderate
Branson, Ava, West Plains	Moderate	Major	Major	Major	Moderate
Lebanon, Rolla, Salem	Moderate	Major	Major	Moderate	Minor
Warsaw, Versailles, Osage Beach	Major	Major	Moderate	Moderate	Minor

## - About this Graphic

-  
This hazard matrix depicts timing and magnitude to local travel and infrastructure from snowfall rates/ and or amounts, blowing snow, ice, and cold temperatures.

Additional factors such as time of day, antecedent conditions, and holiday travel periods are also taken into consideration.

Impact Level

Little/None	Limited	Minor	Moderate	Major	Extreme
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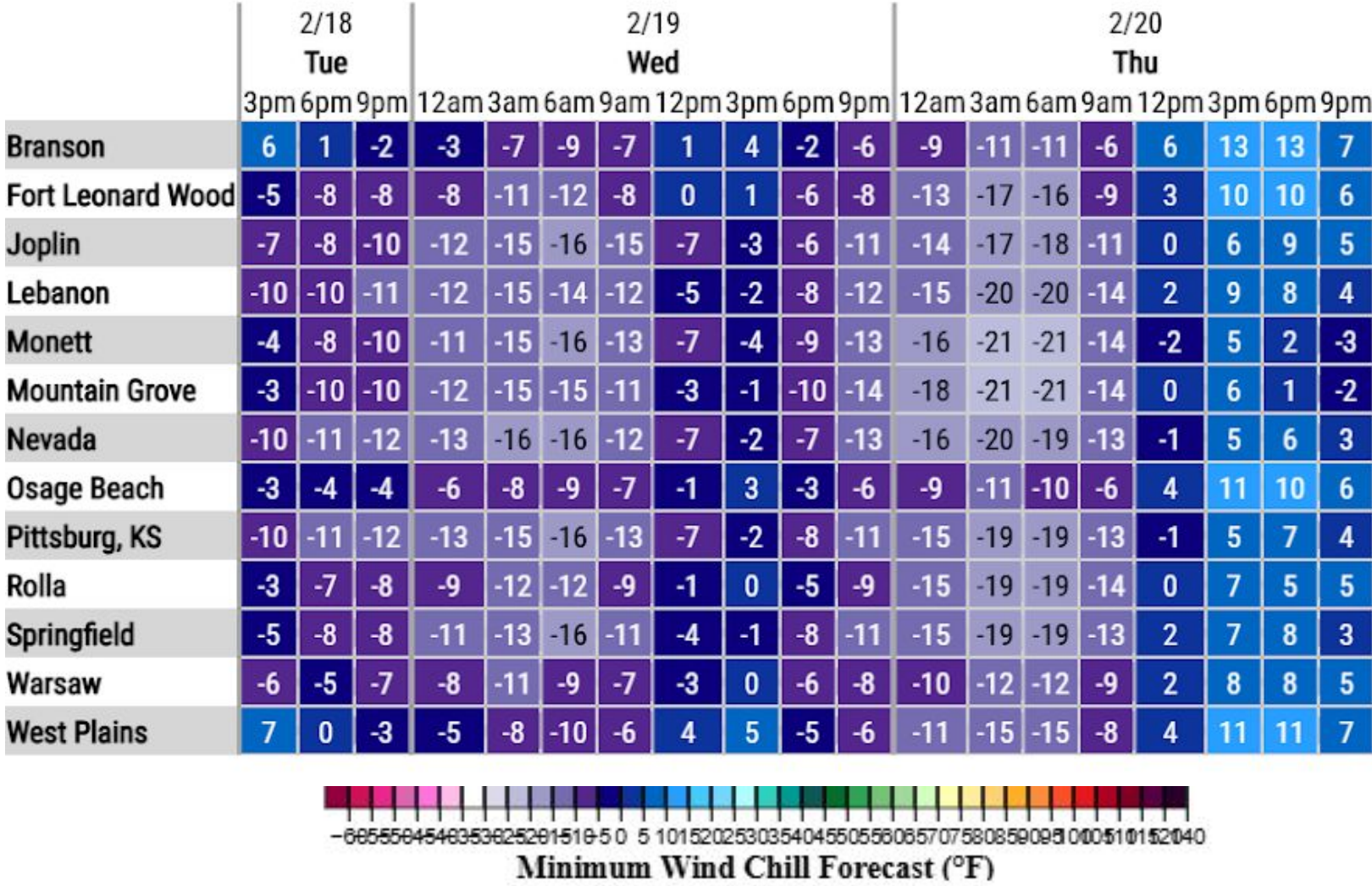






# Dangerous Cold Timing

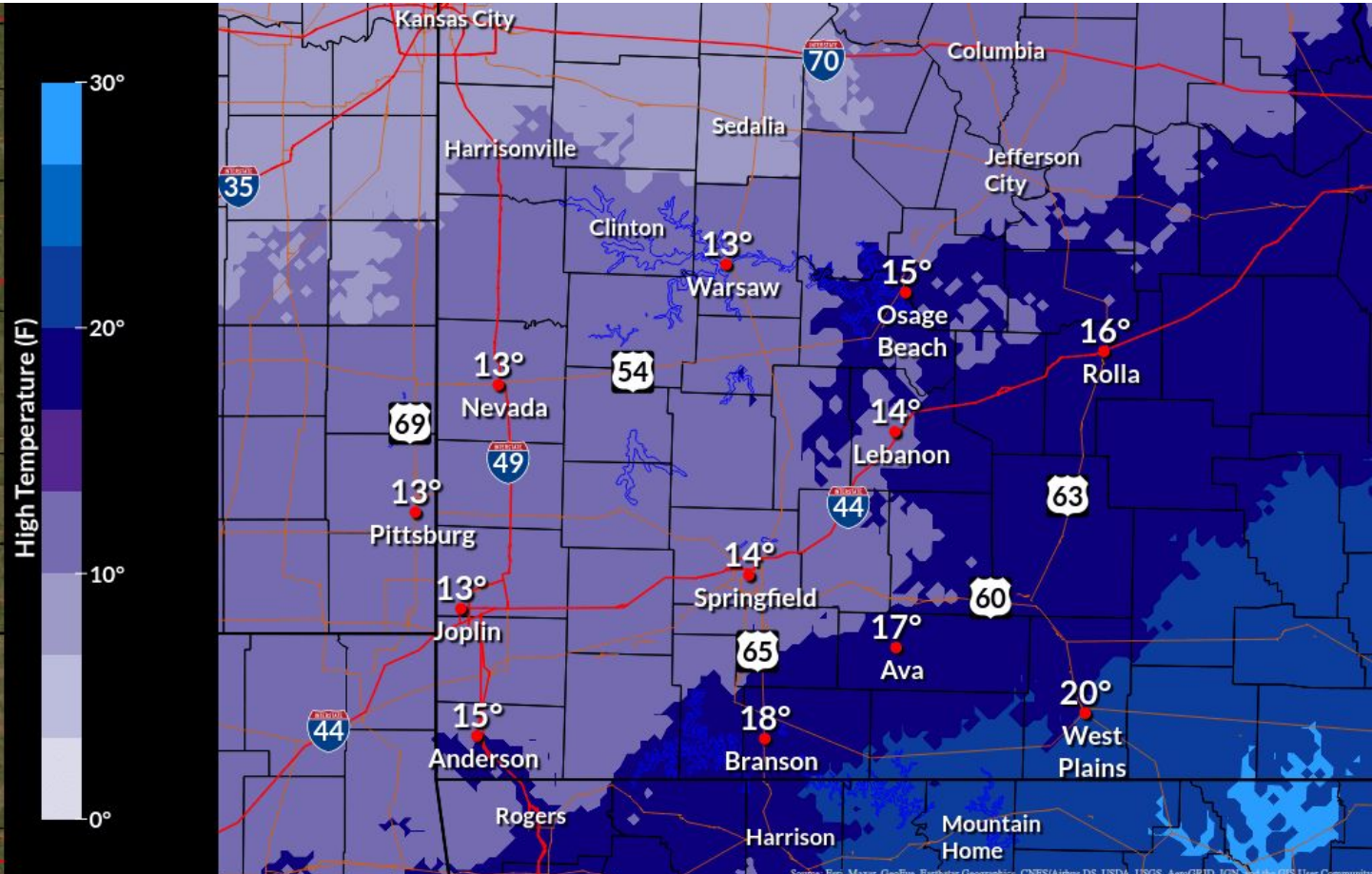
- Temperatures are important for a couple of reasons:
- ◆ Snow will not melt as it falls. Instant accumulations.
  - ◆ Those caught outdoors (traffic accidents, etc) will need to take quick action to protect from cold exposure.





# Highs Tomorrow

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High Temperature Tomorrow



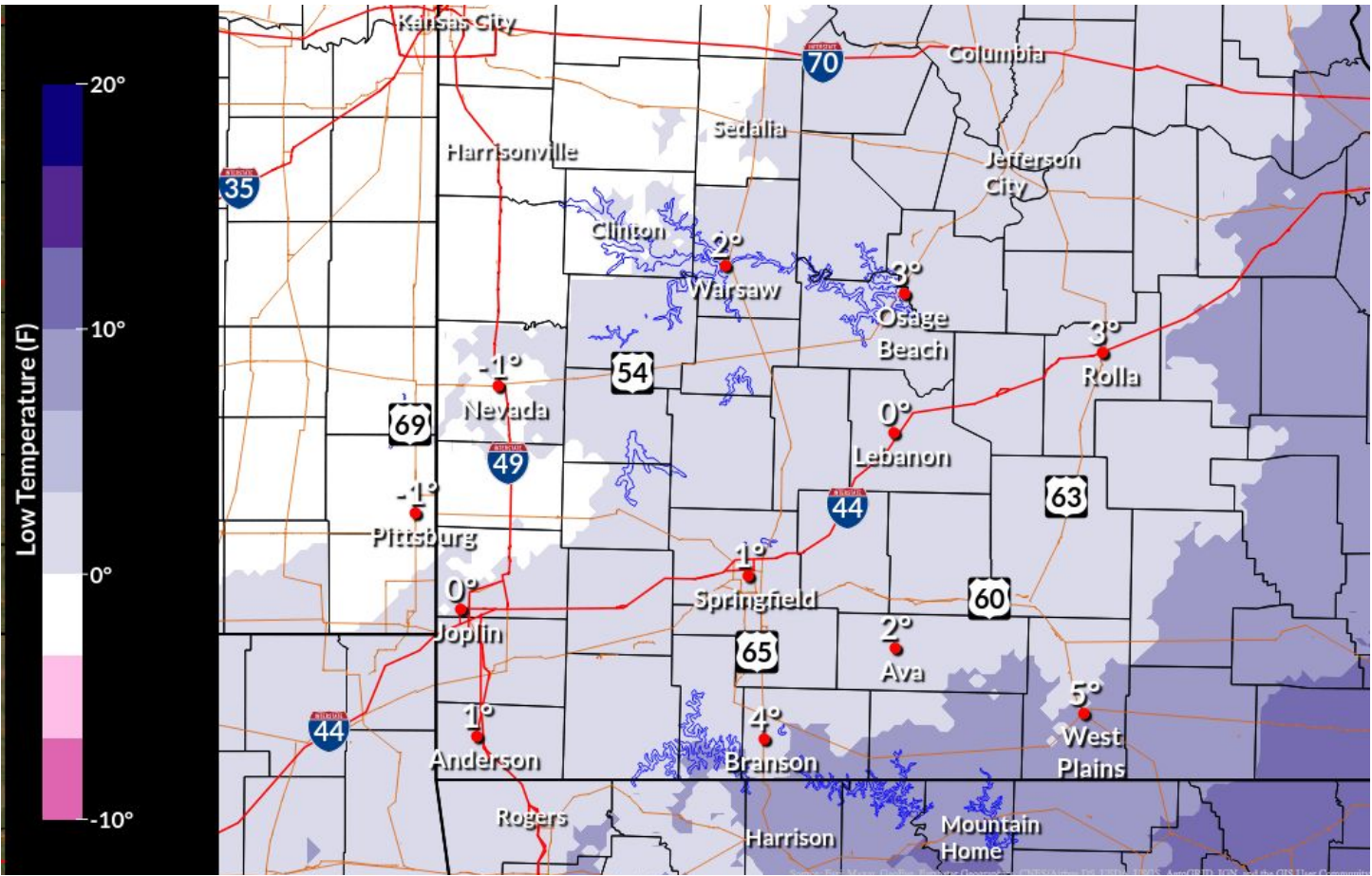




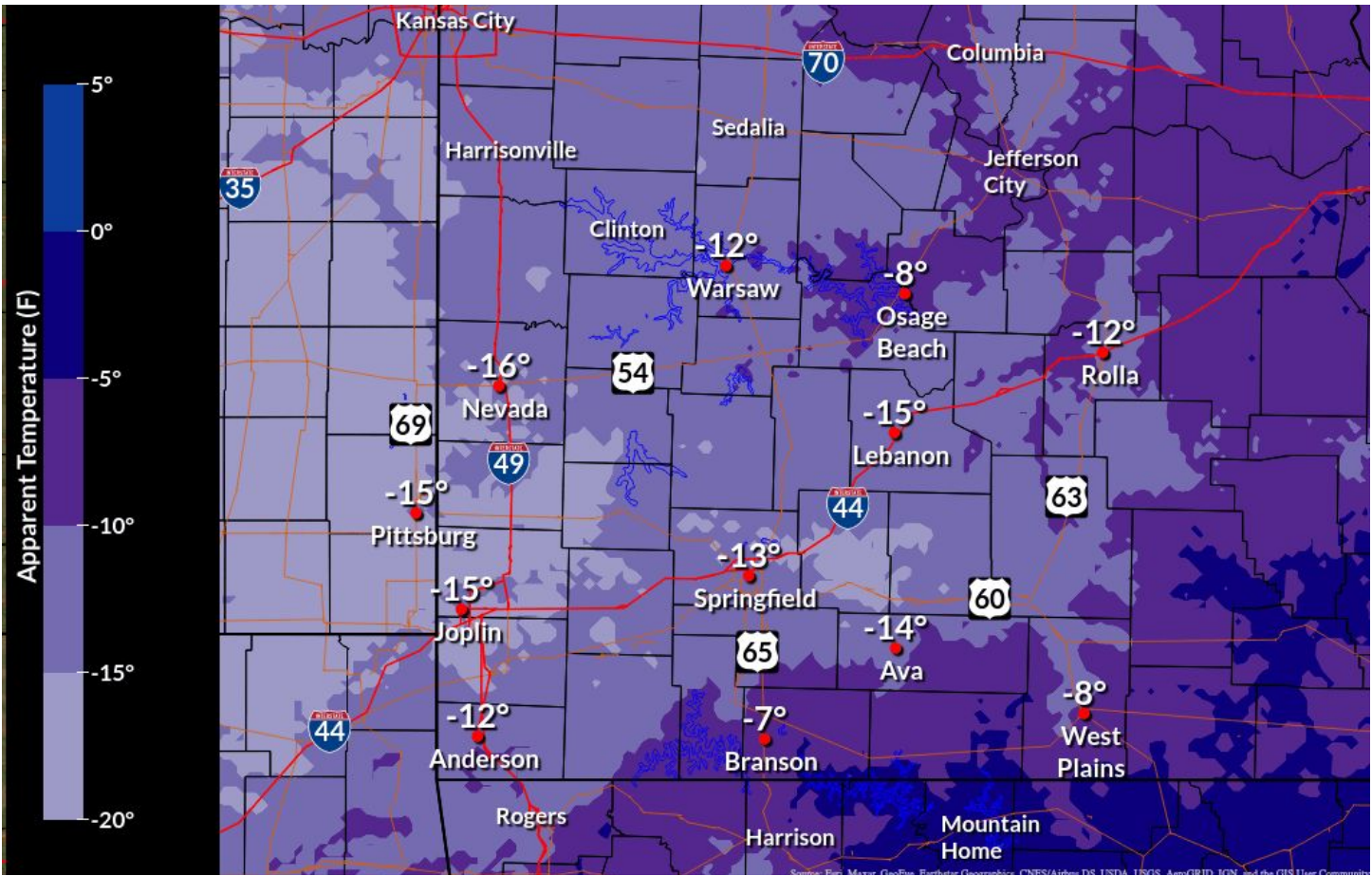
# Dangerous Cold Tonight

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## Minimum Temperatures and Wind Chills



Minimum Temperatures



Minimum Wind Chills



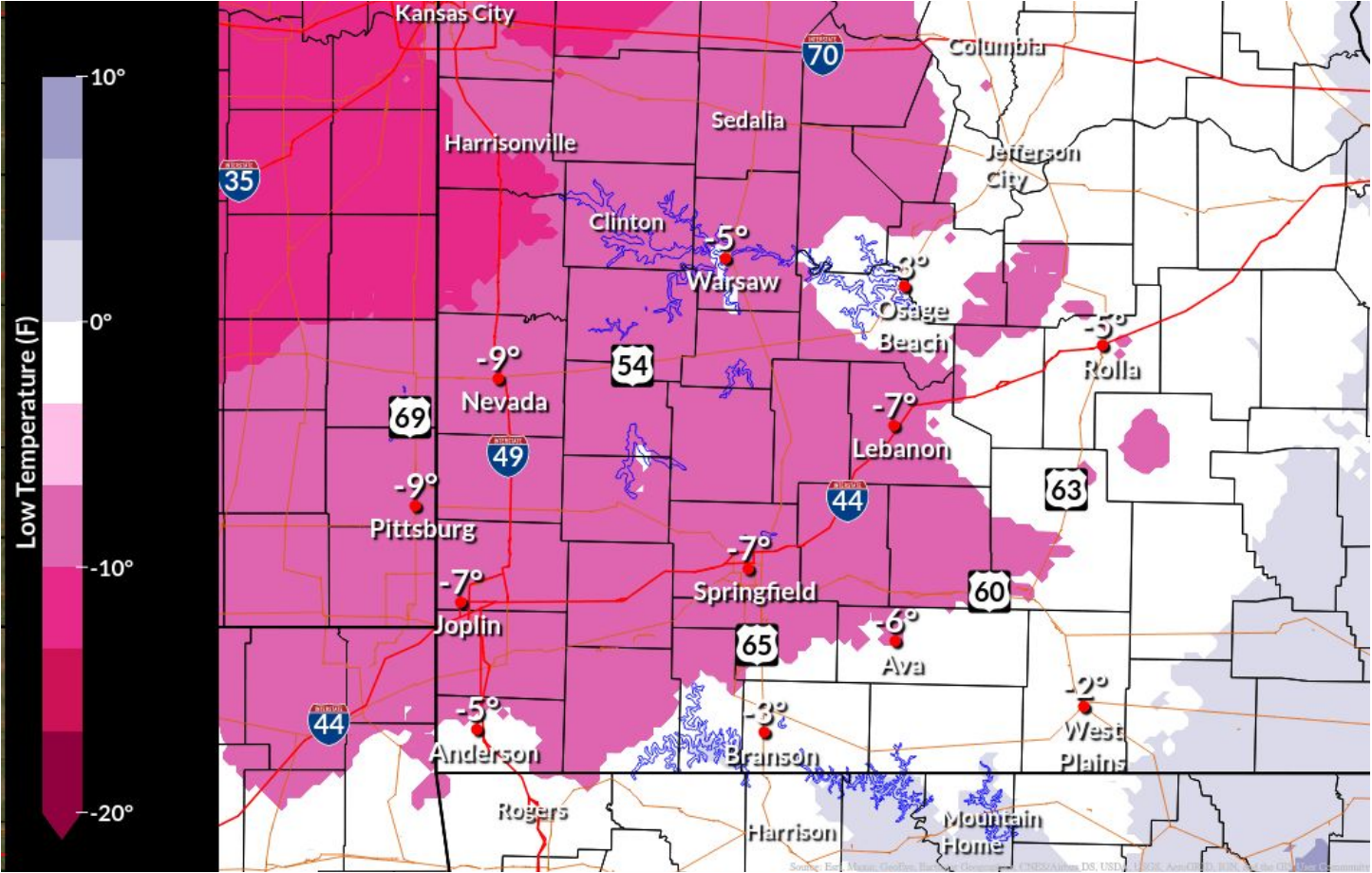




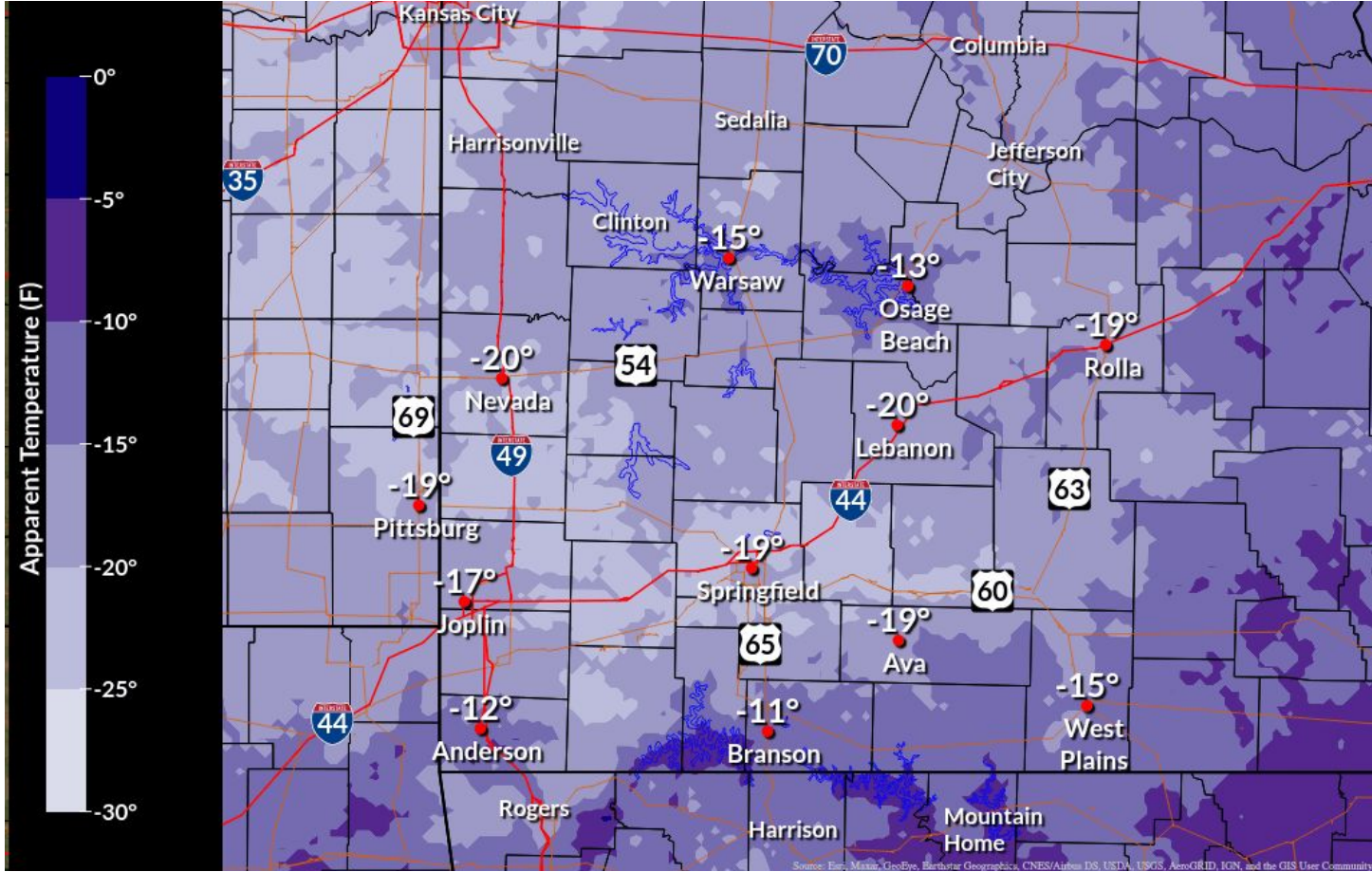
# Dangerous Cold Wednesday Night

February 18, 2025  
1:44 PM

## Minimum Temperatures and Wind Chills



Minimum Temperatures



Minimum Wind Chills

- An Extreme Cold Warning will be considered for some areas Wednesday Night/Thursday Morning. If we decide to issue one, it will not be until after the winter storm concludes.



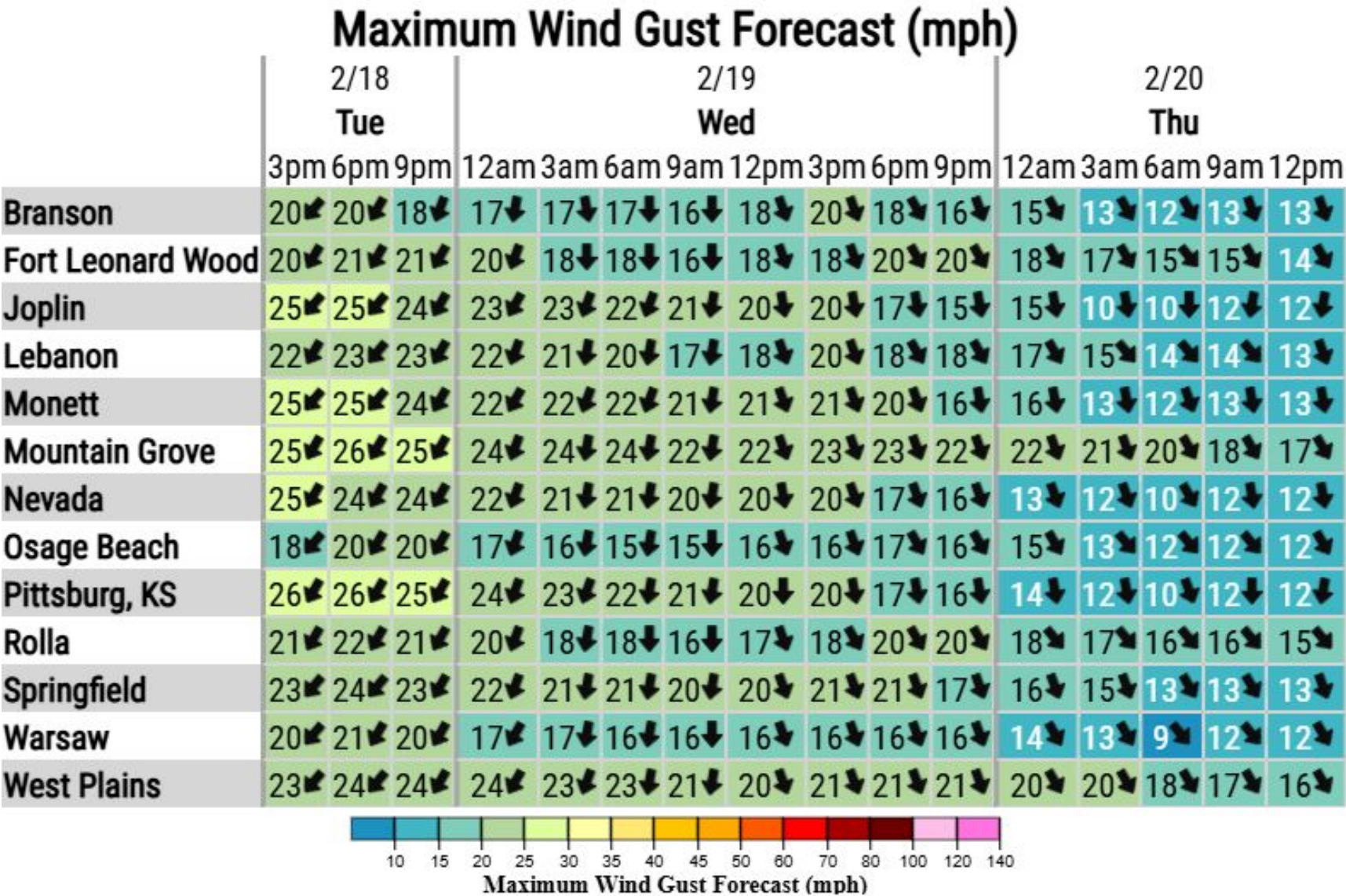




# Gusty Winds Today - Thursday

February 18, 2025  
1:44 PM

Blowing and Drifting Snow and Dangerous Wind Chills



→ High confidence of 20-30 mph wind gusts for the rest of today. These winds have been reported to cause reduced visibility along with blowing and drifting of snow with near blizzard-like conditions at times.





## Snow Amounts



## Snow Timing



## Severity of Impacts



## Dangerous Cold



## Confidence Details and Alternate Scenarios

- There is high confidence that accumulating snow will continue to impact the region today. Banded snowfall may result in localized higher amounts.
- Near blizzard-like conditions have been reported at times. High confidence that intermittent periods of these conditions will continue through tonight.
- There is high confidence that dangerous cold will move into the area behind the snow tonight through Friday morning.





# Winter Weather Resources

February 18, 2025  
1:44 PM

Stay Up to Date With the Latest Forecast!

## 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](#)
- [Cold Weather Guidance](#)

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## DON'T FORGET YOUR PETS



Even with a natural fur coat, **winter can be deadly** for your pets unless proper care is given.



**Keep them warm and dry,** and indoors whenever possible.



**Provide plenty of food and water.** Dehydration is especially dangerous in winter.



**When outside, keep them bundled up.** Limit outside time, and thoroughly clean (including paws) when bringing them in



weather.gov



## WINTER DRIVING WHILE ON THE ROAD

**Don't crowd the plow.**  
The road behind an active plow is safer to drive on. Give them plenty of room to work and only pass when it is safe to do so.



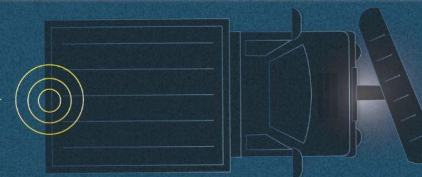
### Change the way you drive.

Drive slower than normal and leave more room between you and surrounding vehicles when roads are wet, snowy or icy. **DO NOT** use cruise control, brake quickly or take sharp turns.



### Stay alert.

Make sure you keep your gas tank over half full and keep a close eye on road conditions, which can change rapidly. On road trips, take breaks often so you can stay focused on the road.



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