



Winter Storm and Dangerous Cold

February 18, 2025
3:27 AM

Key Messages

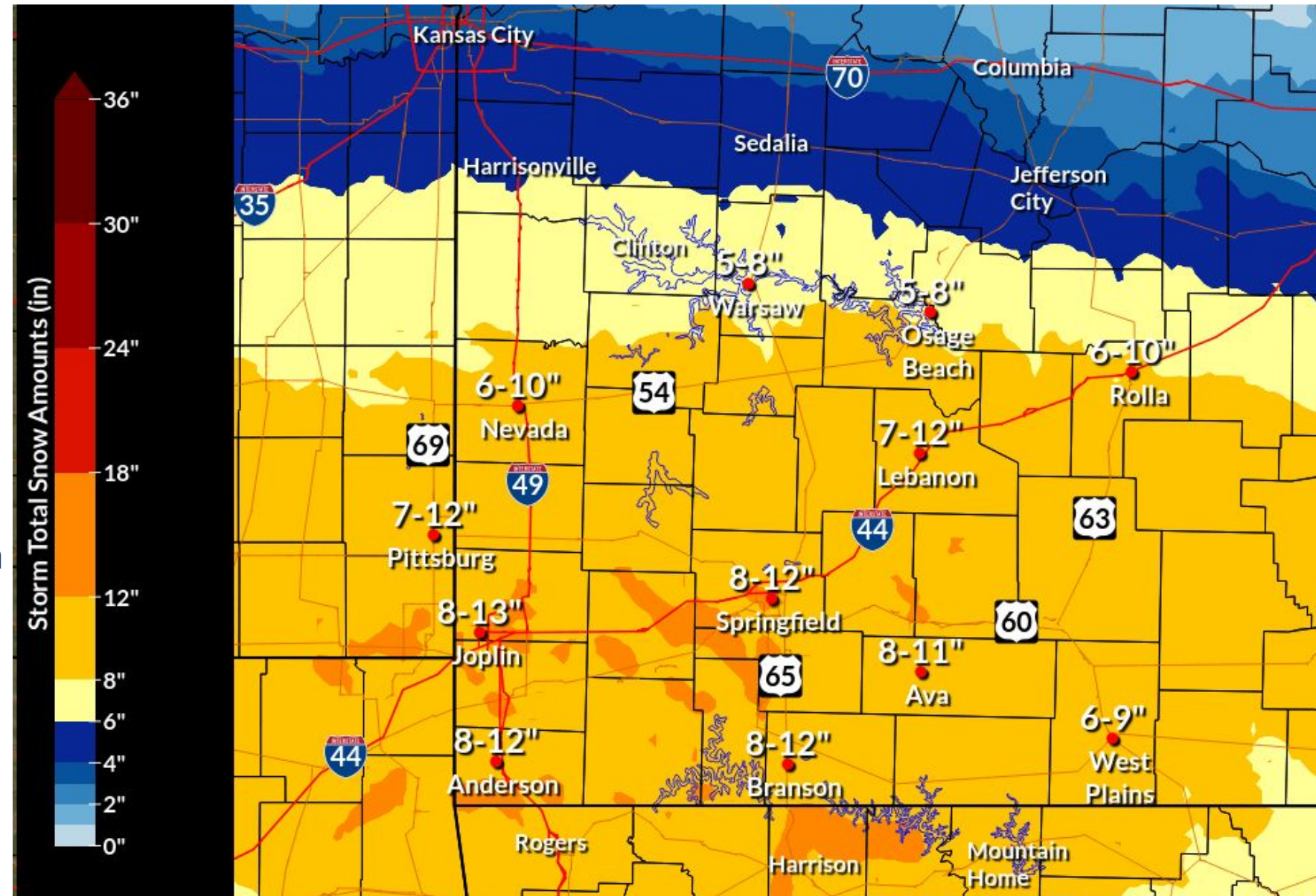
- **Winter Storm Warning** in effect through 6am Wednesday.
- Heavy snow is expected with total amounts between 6 - 12 inches. Localized amounts up to 14 inches in heavier snow bands.
- Travel impacts and closures are likely with this system due to the amount of snow and blowing/drifting of snow.
- **Cold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

NEW Important Updates

- Updated snowfall amounts - storm remains on track

Next Scheduled Briefing

- This Afternoon/Evening



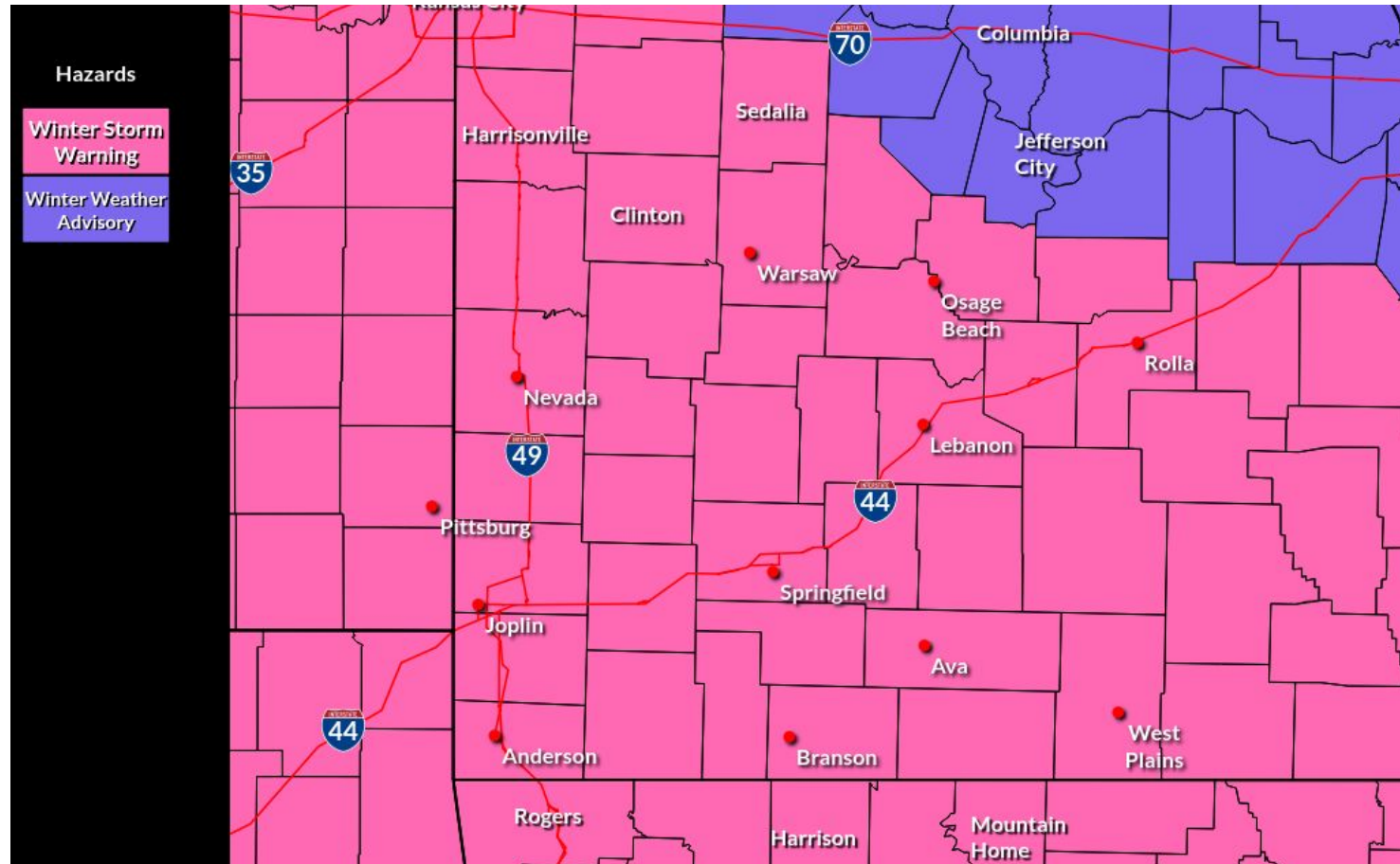
Forecast Snowfall Amounts



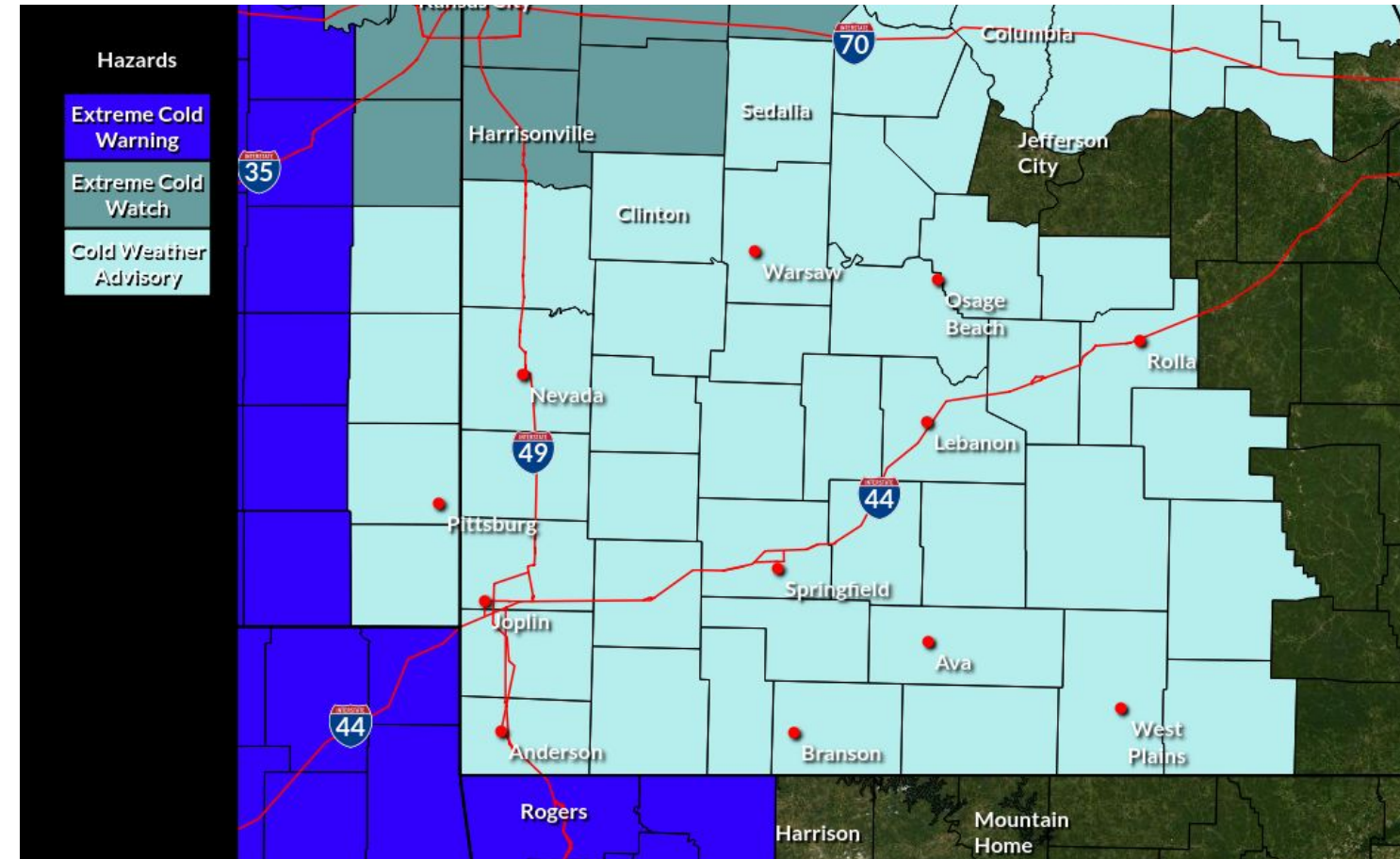
Winter Storm and Cold Headlines

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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

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



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



Timing & Duration: Light snow overspread the area this morning, becoming moderate to heavy this afternoon through this evening before ending Wednesday morning.



Impacts: Major travel impacts, closures to businesses/schools and disruptions to daily life are likely. Travel will become impossible for some. 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

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Heaviest Snow this Afternoon Through the Evening

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

- Snow +



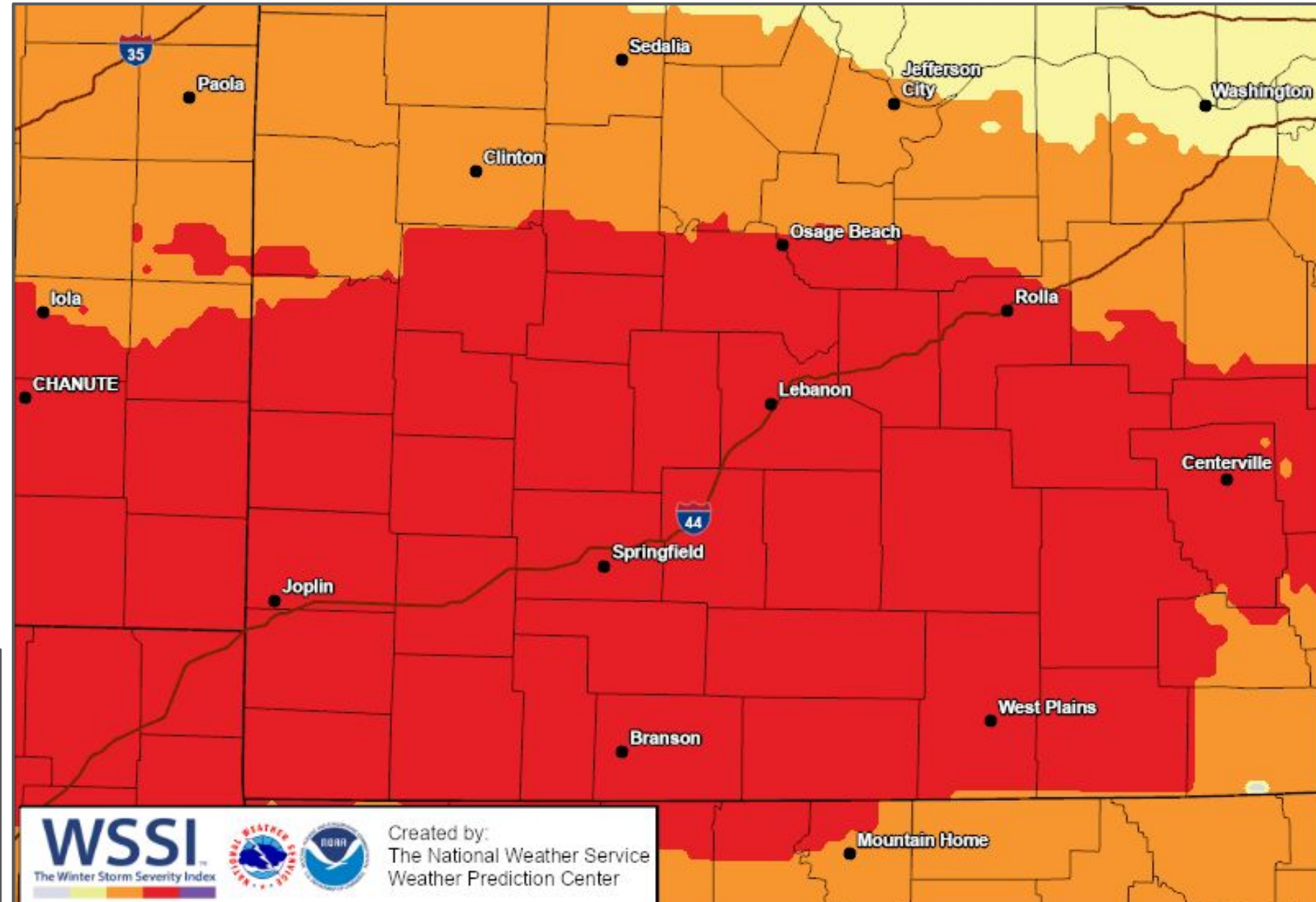


Winter Storm Severity Index

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Major Impacts Expected

- Major impacts expected over a large area.
- Expect considerable disruptions to daily life with dangerous or even impossible driving conditions by this evening through tonight.
- Blowing and drifting of snow will also create dangerous impacts for travelers.



Potential Winter Storm Impacts		Winter Storm Severity Index (WSSI)			Issued: Mon, Feb 17, 2025 01 PM CT
Winter Weather Area	Minor Impacts	Moderate Impacts	Major Impacts	Extreme Impacts	
Expect winter weather. • Winter driving conditions. Drive carefully.	Expect a few inconveniences to daily life. • Winter driving conditions. Use Caution while driving.	Expect disruptions to daily life. • Hazardous driving conditions. Use extra caution while driving. • Closures and disruptions to infrastructure may occur.	Expect considerable disruptions to daily life. Dangerous or impossible driving conditions. Avoid travel if possible. Widespread closures and disruptions to infrastructure may occur.	Expect substantial disruptions to daily life. 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.	

[NWS Springfield WSSI](#)



Winter Storm Impacts Timeline

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Today-Wednesday

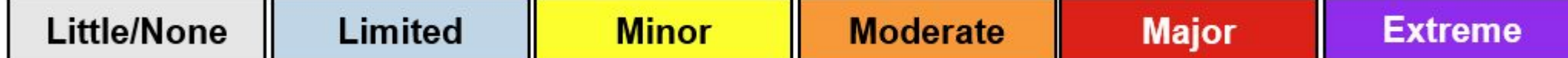
	Today			Wednesday		
	6 am	12 pm	6 pm	12 am	6 am	12 pm
Cassville, Neosho, Anderson	Minor	Major	Major	Major	Moderate	Minor
Pittsburg, Joplin, Mount Vernon, Nevada	Minor	Major	Major	Major	Moderate	Minor
Springfield, Ozark, Marshfield	Minor	Major	Major	Major	Moderate	Minor
Branson, Ava, West Plains	Limited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





Dangerous Cold Timing

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→ 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.

	2/18 Tue						2/19 Wed		
	6am	9am	12pm	3pm	6pm	9pm	12am	3am	6am
Branson	11	10	12	10	7	4	2	-2	-4
Fort Leonard Wood	-3	-3	0	0	-4	-4	-6	-8	-11
Joplin	1	-1	-1	-2	-5	-7	-8	-12	-16
Lebanon	-4	-5	-3	-3	-7	-6	-9	-11	-13
Monett	5	1	2	-1	-6	-7	-10	-11	-14
Mountain Grove	2	1	3	0	-6	-7	-8	-11	-12
Nevada	-10	-10	-8	-8	-10	-10	-11	-14	-16
Osage Beach	-7	-6	-3	0	-1	-1	-3	-6	-8
Pittsburg, KS	-6	-6	-6	-5	-8	-10	-11	-14	-16
Rolla	-6	-6	-4	-2	-5	-6	-6	-10	-12
Springfield	1	-1	1	1	-3	-5	-8	-10	-13
Warsaw	-8	-9	-6	-4	-4	-3	-6	-7	-9
West Plains	7	8	9	9	2	0	-2	-4	-7



Minimum Wind Chill Forecast (°F)

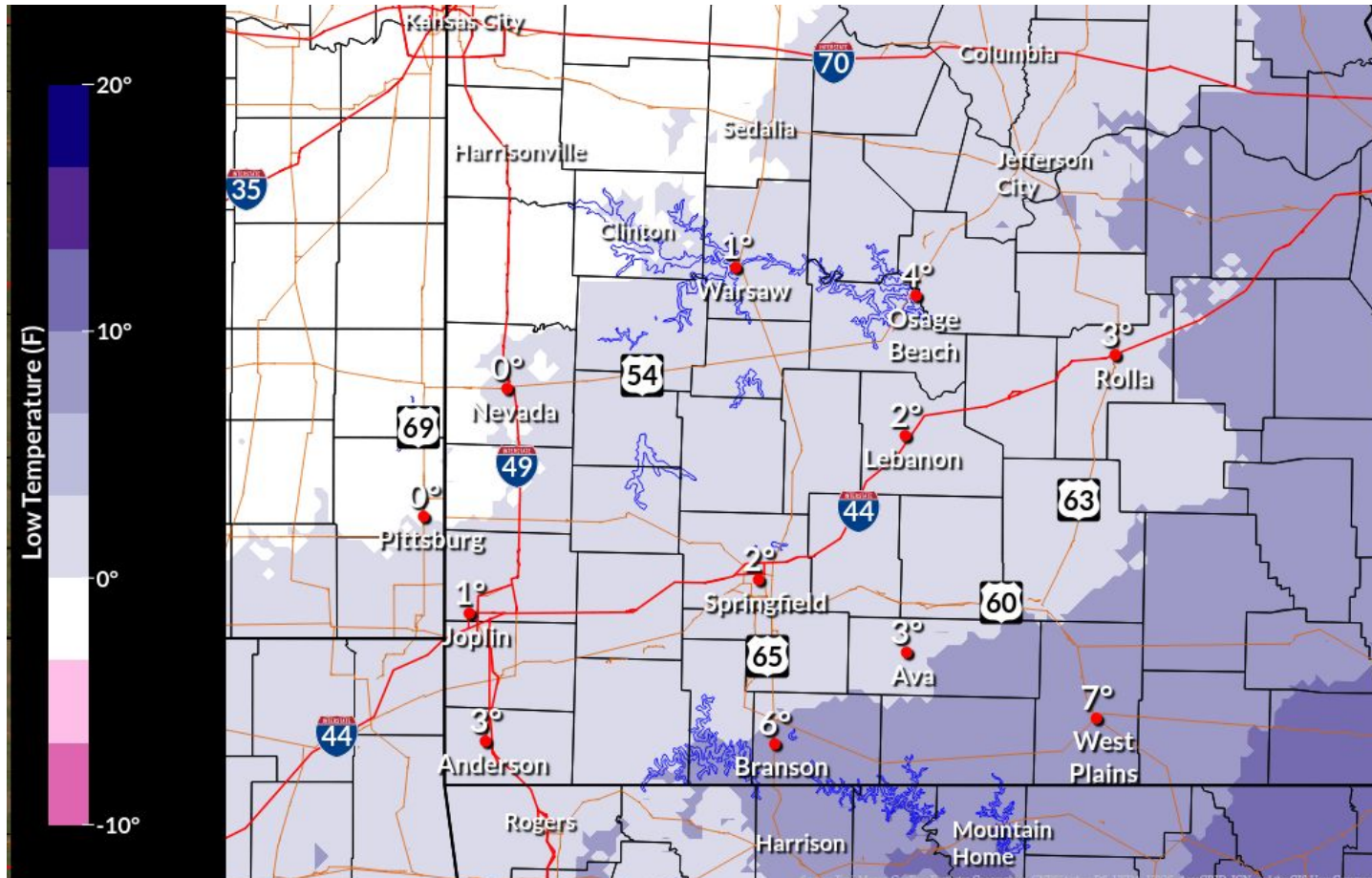




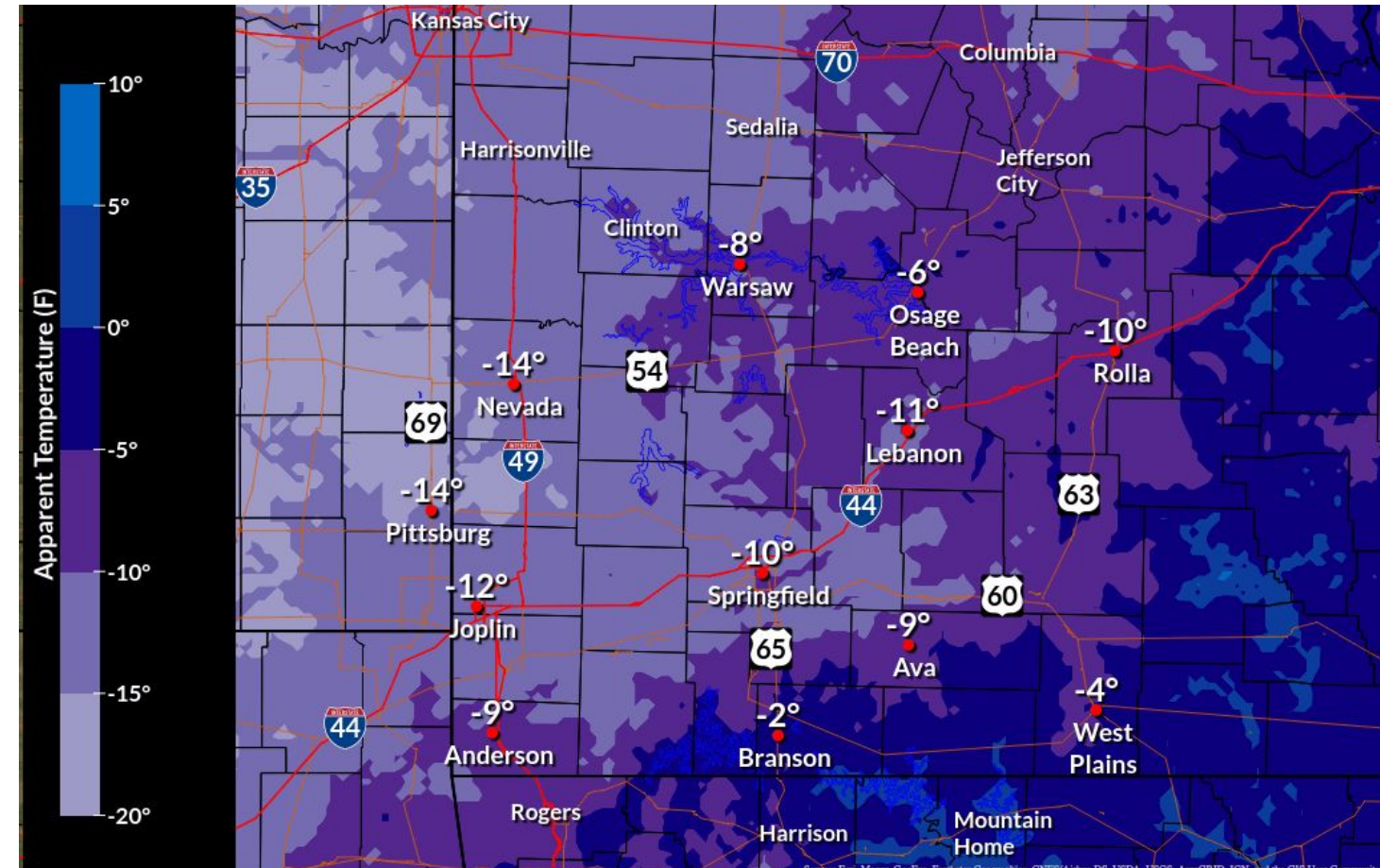
Dangerous Cold Tonight

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Minimum Temperatures and Wind Chills



Minimum Temperatures



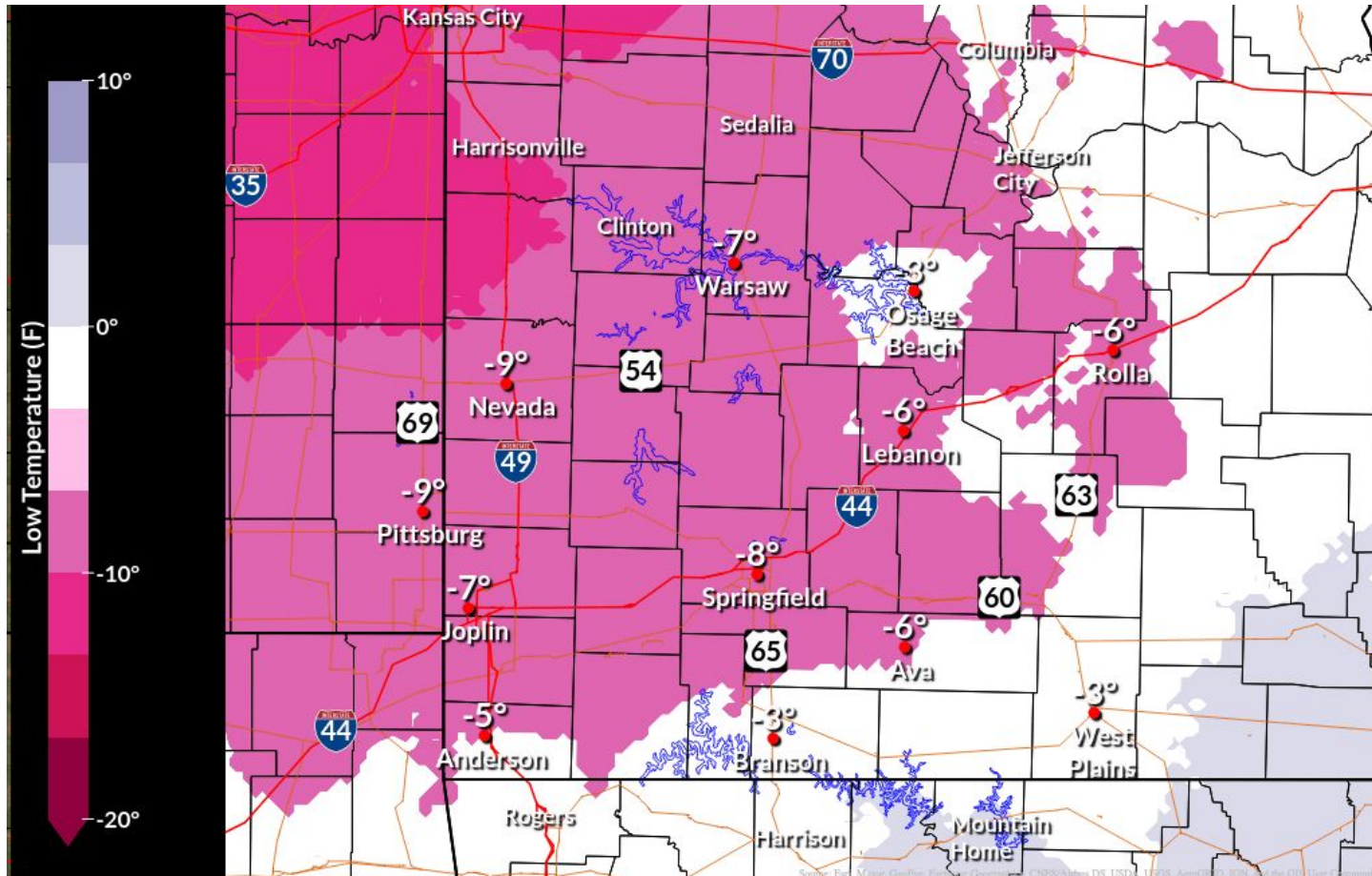
Minimum Wind Chills



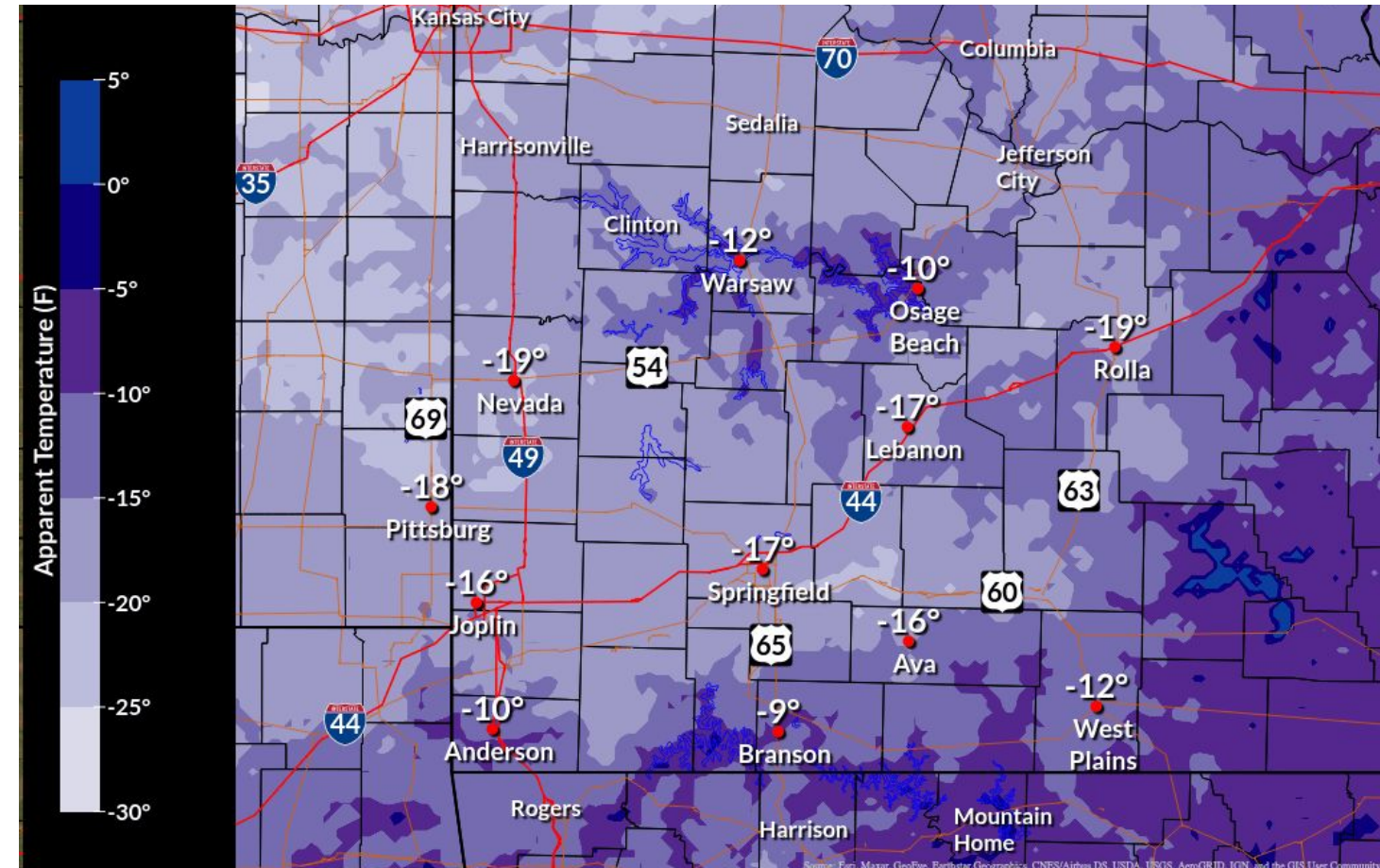
Dangerous Cold Wednesday Night

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Minimum Temperatures and Wind Chills



Minimum Temperatures



Minimum Wind Chills

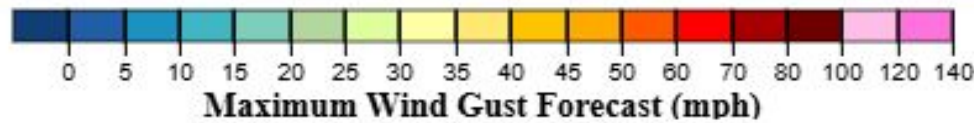


Gusty Winds Today - Wednesday

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Blowing and Drifting Snow

	2/18 Tue							2/19 Wed							2/20 Thu			
	3am	6am	9am	12pm	3pm	6pm	9pm	12am	3am	6am	9am	12pm	3pm	6pm	9pm	12am	3am	6am
Branson	18↘	20↘	21↘	22↘	20↘	20↘	18↘	15↘	15↘	15↓	16↓	18↓	18↓	17↓	15↓	13↓	12↓	10↓
Fort Leonard Wood	20↘	20↘	21↘	21↘	21↘	21↘	20↘	18↘	17↘	16↓	17↓	18↓	18↓	18↓	18↓	17↓	16↓	14↓
Joplin	28↘	28↘	29↘	29↘	26↘	25↘	22↘	21↘	21↘	20↓	20↓	20↓	18↓	16↓	14↓	13↓	12↓	10↓
Lebanon	22↘	22↘	23↘	23↘	23↘	22↘	22↘	20↘	20↘	18↓	17↓	18↓	18↓	18↓	17↓	16↓	15↓	13↓
Monett	24↘	25↘	26↘	28↘	26↘	26↘	23↘	21↘	21↘	20↓	20↓	21↓	21↓	18↓	15↓	15↓	13↓	12↓
Mountain Grove	21↘	21↘	25↘	25↘	25↘	26↘	25↘	24↘	24↘	23↓	22↓	22↓	22↓	22↓	21↓	21↓	20↓	18↓
Nevada	28↘	28↘	30↘	29↘	26↘	25↘	23↘	21↘	21↘	20↓	21↓	21↓	20↓	16↓	15↓	14↓	12↓	12↓
Osage Beach	21↘	20↘	21↘	21↘	20↘	18↘	17↘	15↘	15↘	14↓	14↓	15↓	16↓	16↓	15↓	14↓	12↓	12↓
Pittsburg, KS	30↘	29↘	29↘	29↘	26↘	25↘	23↘	22↘	22↘	21↓	21↓	20↓	18↓	16↓	15↓	14↓	12↓	10↓
Rolla	21↘	20↘	22↘	22↘	20↘	21↘	20↘	18↘	17↘	16↓	16↓	17↓	18↓	18↓	18↓	17↓	16↓	15↓
Springfield	22↘	23↘	24↘	24↘	23↘	23↘	22↘	20↘	20↘	18↓	17↓	21↓	21↓	20↓	16↓	16↓	14↓	13↓
Warsaw	23↘	22↘	22↘	22↘	20↘	20↘	18↘	16↘	16↘	15↓	16↓	16↓	16↓	15↓	14↓	13↓	12↓	10↓
West Plains	21↘	21↘	24↘	24↘	23↘	24↘	23↘	22↘	22↘	22↓	20↓	20↓	20↓	20↓	20↓	17↓	17↓	17↓



→ High confidence of 20-30 mph wind gusts Today into Wednesday. These winds could cause reduced visibility along with blowing and drifting of snow with near blizzard-like conditions at times west of Springfield.



Snow Amounts



Snow Timing



Severity of Impacts



Dangerous Cold



Confidence Details and Alternate Scenarios

- There is high confidence that accumulating snow will impact the region today. Banded snowfall may result in localized higher amounts.
- Increasing confidence in near blizzard-like conditions could occur with wind gusts approaching 20 to 30 mph.
- There is high confidence that dangerous cold will move into the area behind the snow tonight through Friday morning.



Winter Weather Resources

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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](#)

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



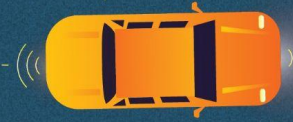
weather.gov 

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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