



Strong, Multi-Hazard System Today into Monday

March 15, 2026
4:22 AM

Strong thunderstorms, gusty winds, light snow, and single digit wind chills

Key Messages

- **Slight risk** of strong to severe thunderstorms this afternoon. Highest potential east of Highway 63.
- **Wind Advisory** from 10 AM today through 7 AM Monday, with wind gusts of 40-50 mph.
- **Light snow chances behind front** this evening, with light accumulations and winter driving conditions possible.
- **Single digit wind chills** Monday and Tuesday mornings.

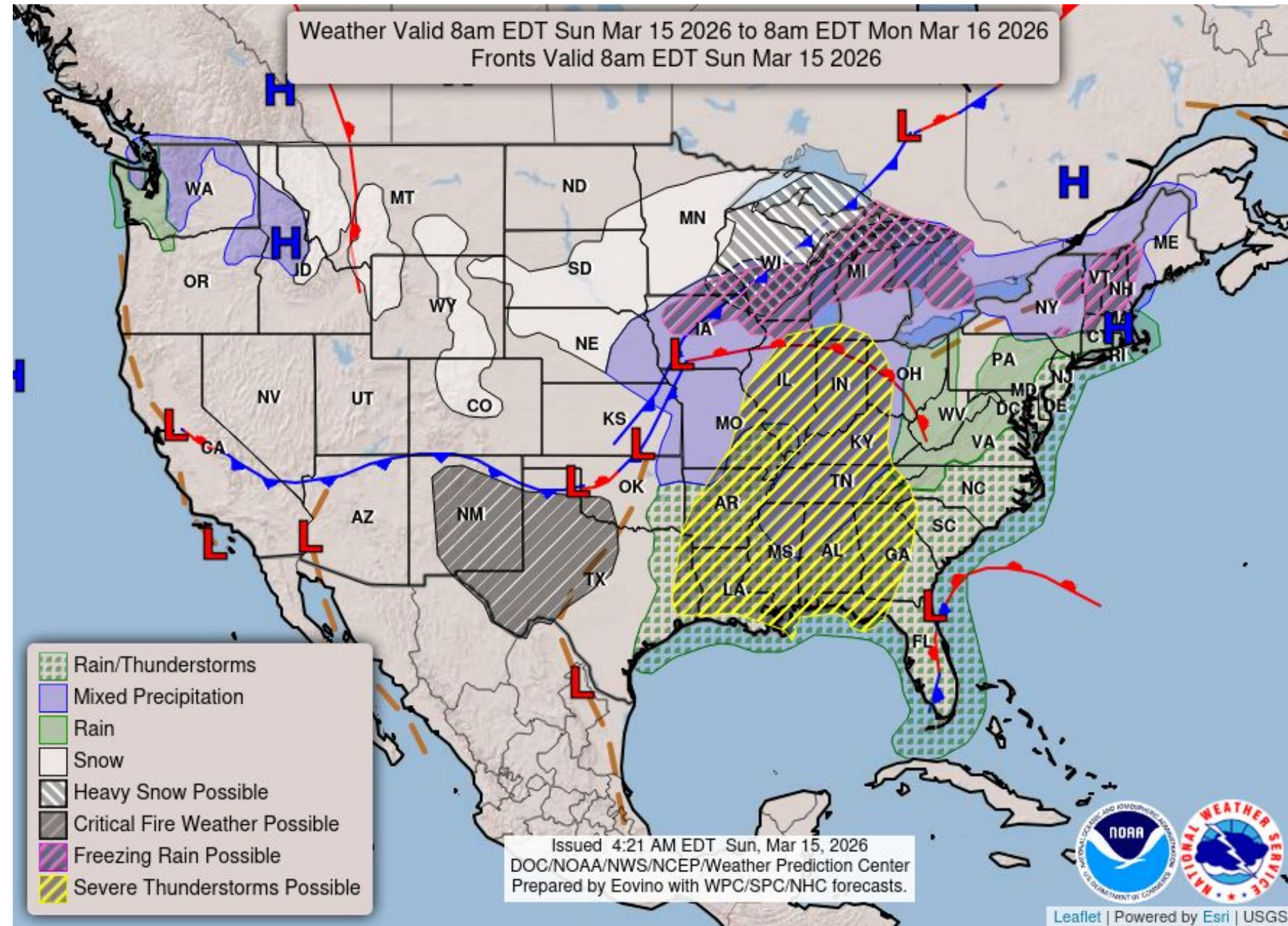
NEW

Important Updates

- Decreased confidence and slightly lower probability of severe weather than previous days.
- Even lower snow probabilities and amounts.

Next Scheduled Briefing

- As needed





Severe Outlook Today

March 15, 2026
4:22 AM

What

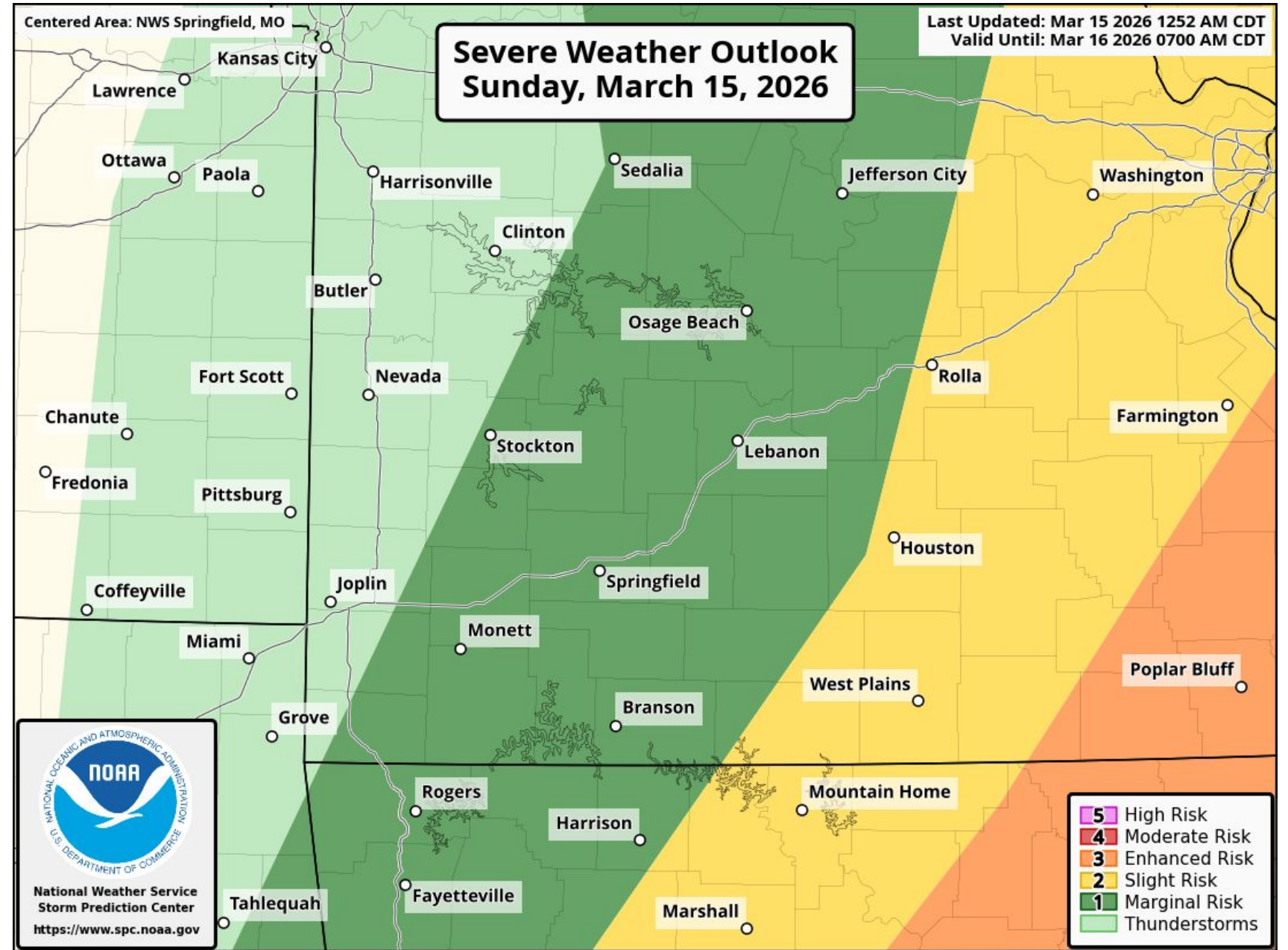
- A quick moving, narrow line of strong to severe thunderstorms.
- Primary risk of isolated to scattered damaging winds.
- Secondary low risk of brief embedded spin-up tornadoes.

Where

- Highest chances east of Highway 63.

When

- Today between 12pm - 6pm





SPC Outlook Hazard Probabilities

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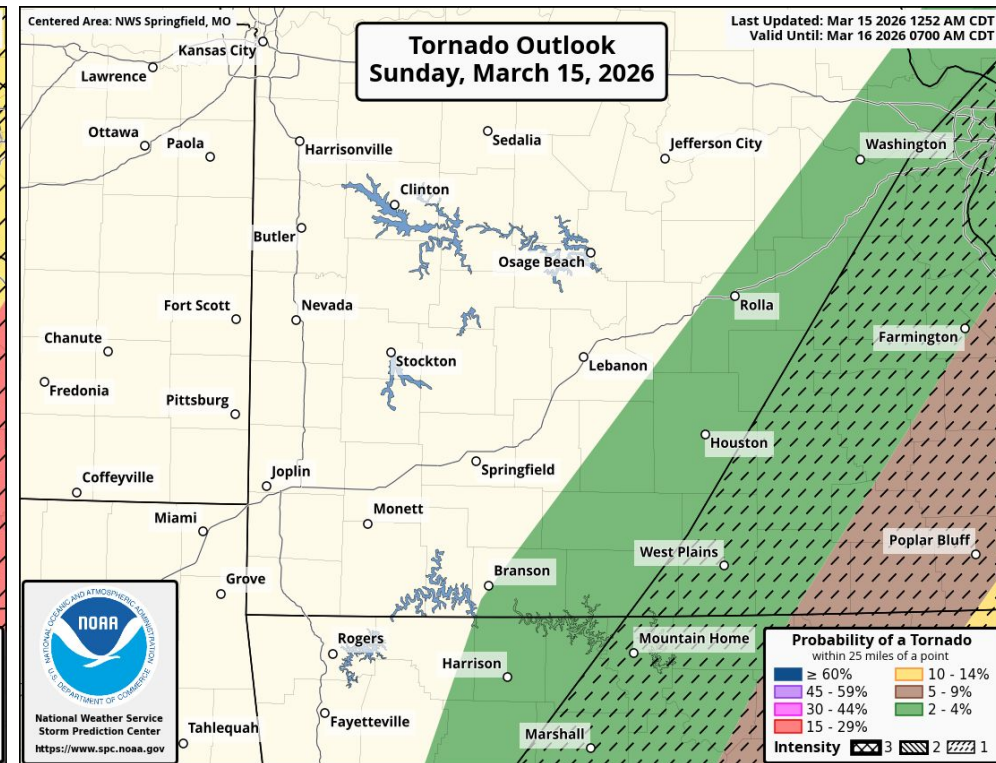
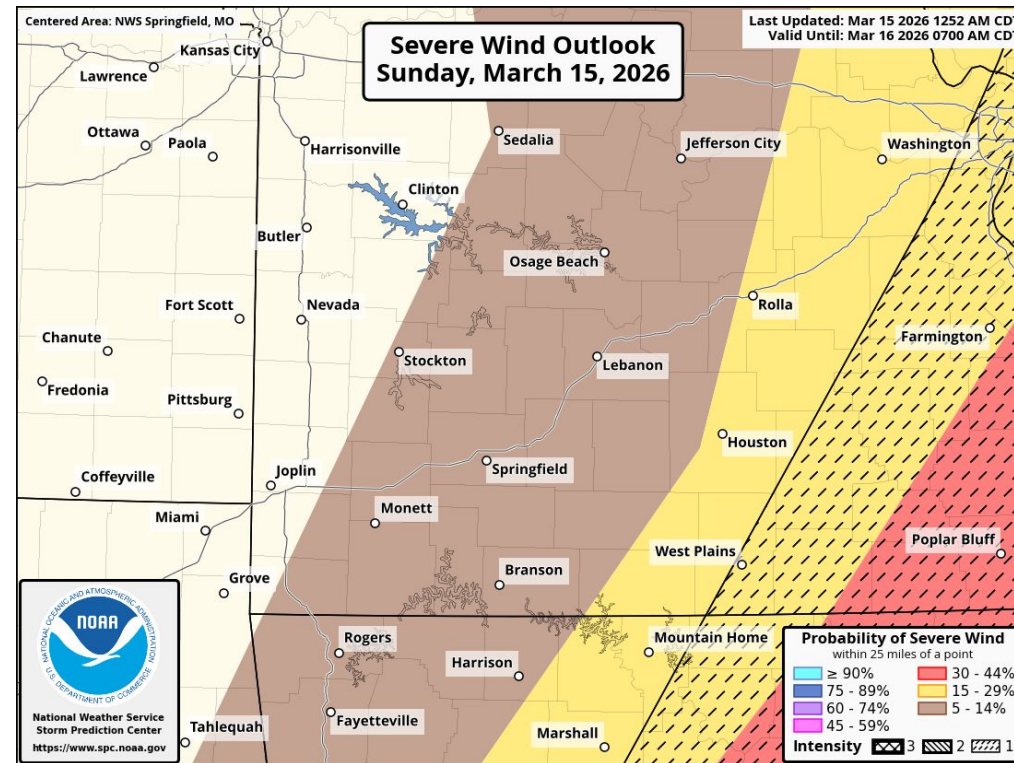
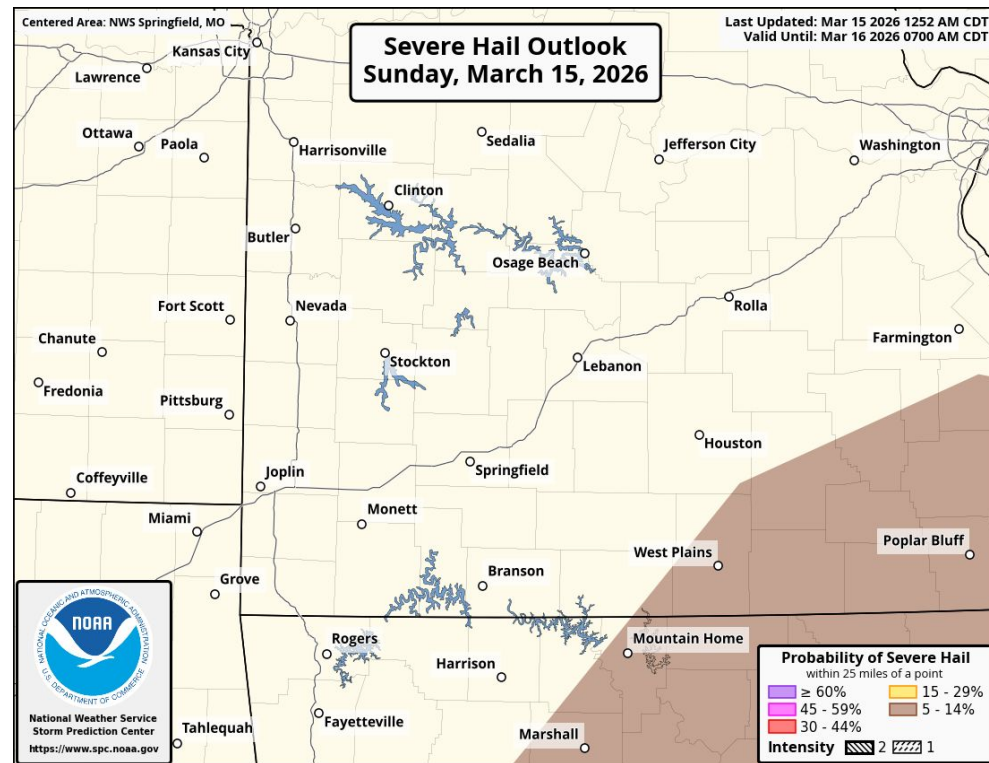
Hail Probability



Wind Probability



Tornado Probability



Chance of 1"+ Hail Within 25 Miles

5 - 14%

Chance of 58mph+ Wind Within 25 Miles

5 - 29%

Chance of Tornado Within 25 Miles

2 - 4%



SPC Conditional Intensity

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Given that a storm is *producing a specific hazard*, what is its reasonable maximum intensity?



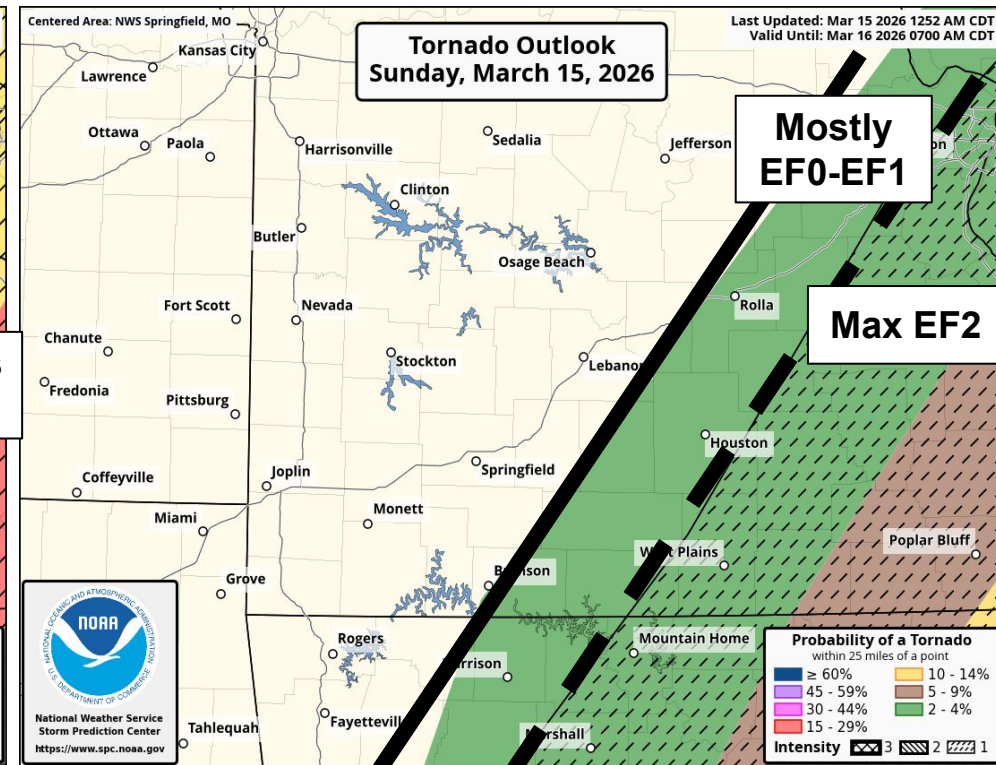
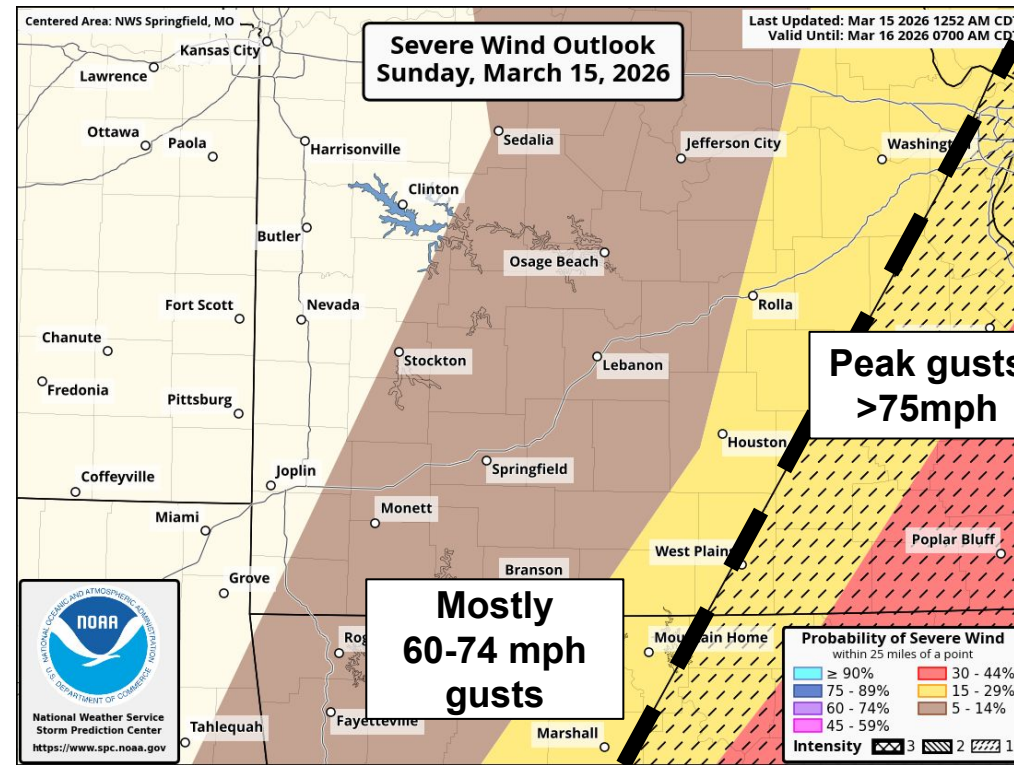
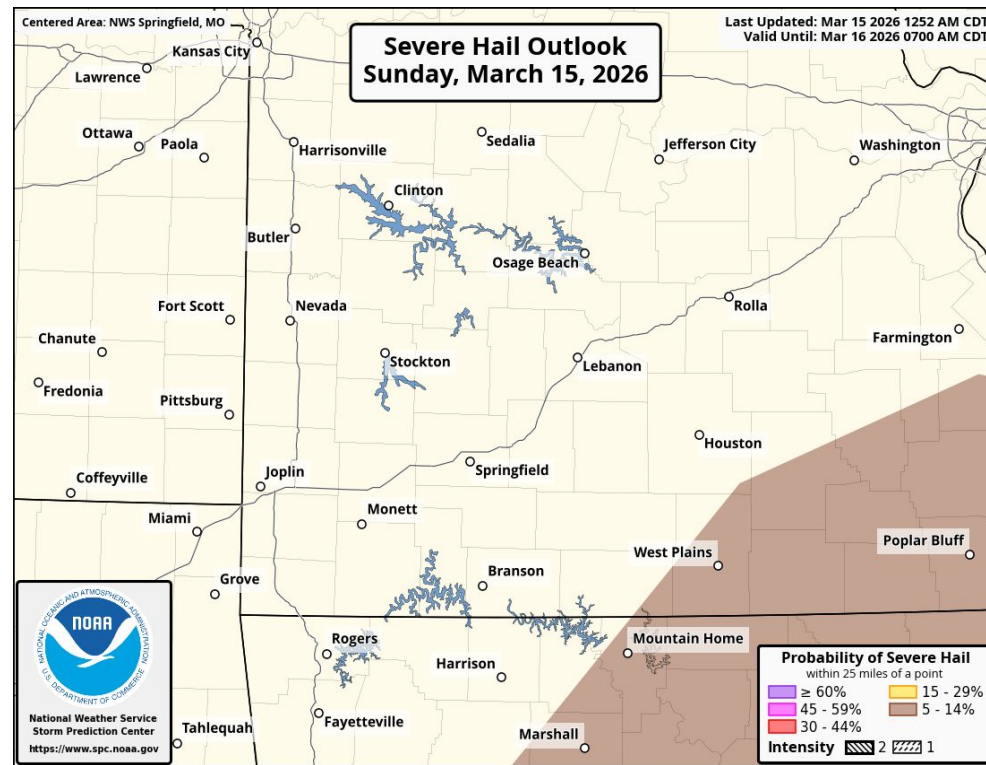
Hail Intensity Level



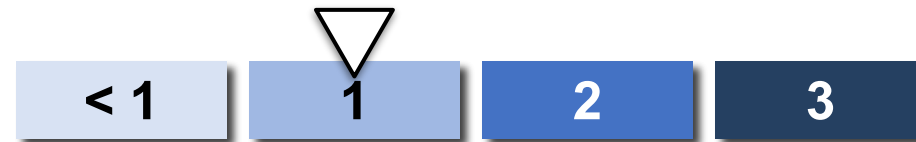
Wind Intensity Level



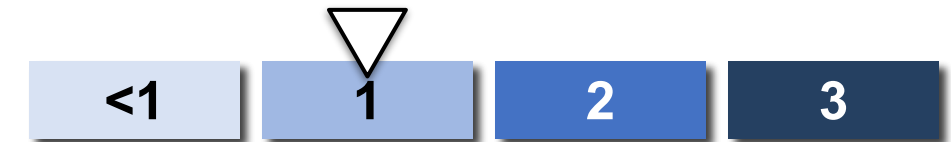
Tornado Intensity Level



Mostly Quarters to Limes (1-2")



Peak gusts >75 mph



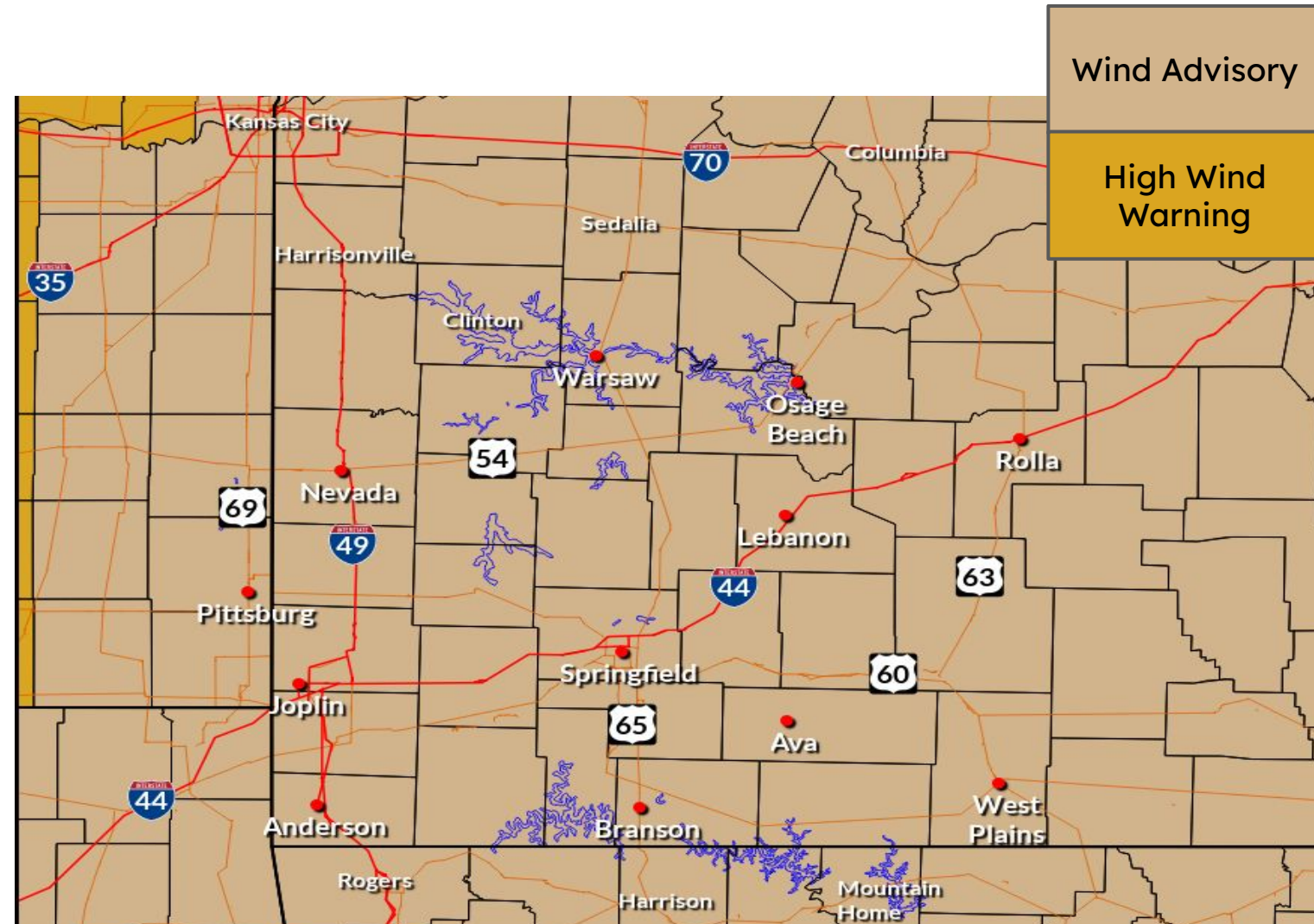
Reasonable Max EF2 Tornadoes



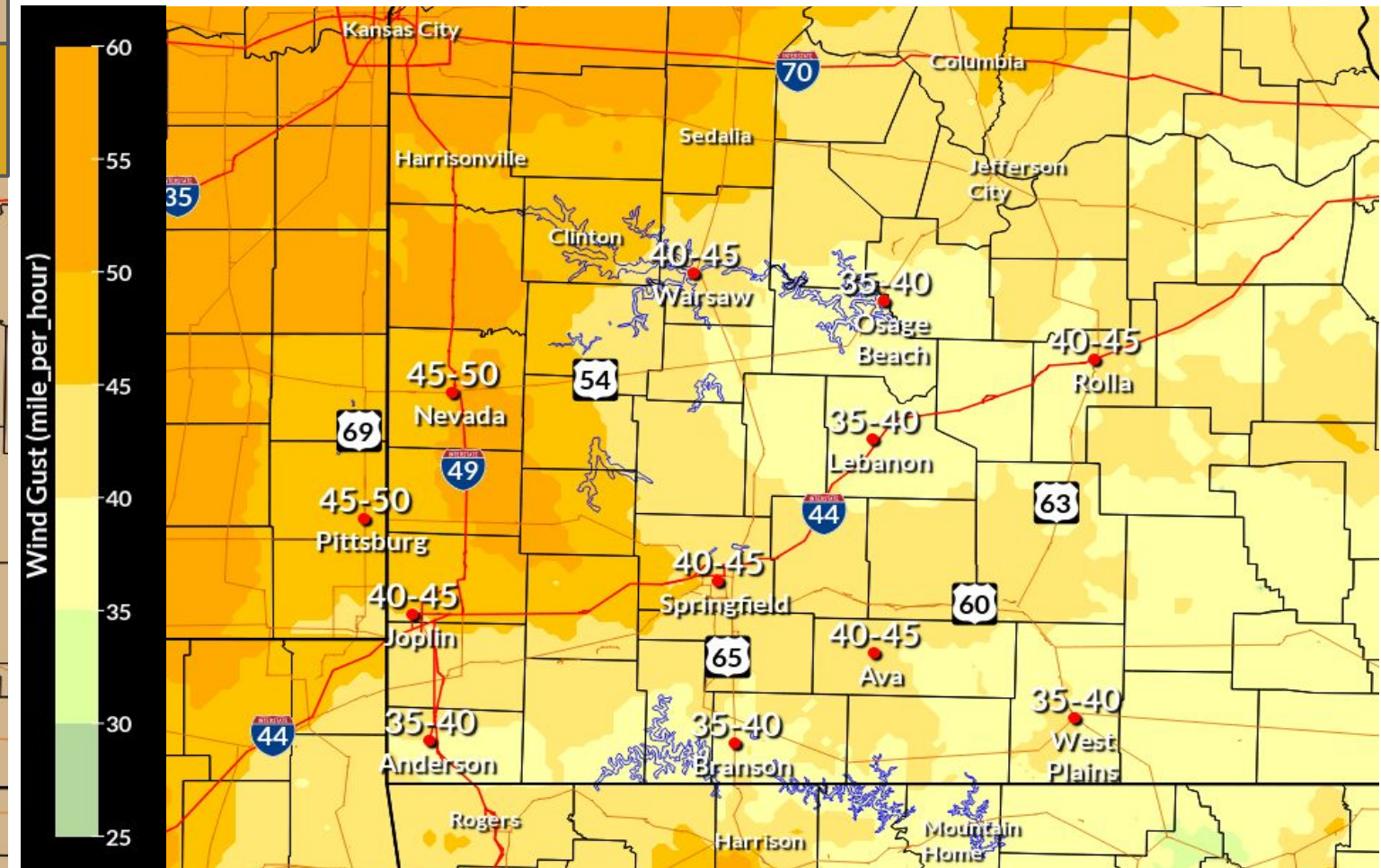
Wind Gusts Today and Monday

March 15, 2026
4:22 AM

South winds ahead of front, north winds behind the front



Wind Advisory
Today 10 am - Monday 7 am



Maximum Wind Gusts
This Morning - Monday Morning

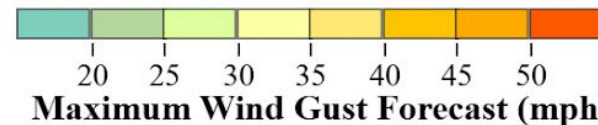


Max Wind Gust and Direction Timeline

March 15, 2026
4:22 AM

Maximum Wind Gust (mph) Forecast

	3/15 Sun																	3/16 Mon												
	6am	7am	8am	9am	10am	11am	12pm	1pm	2pm	3pm	4pm	5pm	6pm	7pm	8pm	9pm	10pm	11pm	12am	1am	2am	3am	4am	5am	6am	7am	8am	9am	10am	11am
Branson	30↘	31↗	32↗	32↗	31↗	31↗	30↗	30→	31→	35↘	36↘	39↘	39↘	40↘	44↘	44↘	41↘	41↘	41↘	36↘	36↘	35↘	33↘	33↘	31↘	30↘	31↘	31↘	30↘	29↘
Fort Leonard Wood	37↗	37↗	38↗	38↗	37↗	38↗	36↗	33↗	33→	33→	33→	37→	37→	38→	40→	41→	41→	41→	41→	36↘	37↘	36↘	36↘	35↘	33↘	31↘	32↘	32↘	32↘	31↘
Joplin	39↗	39↗	40↗	40↗	39↗	41→	41→	39↘	41↘	44↘	44↘	45↘	44↘	41↘	43↘	43↘	41↘	41↘	40↘	32↘	32↘	32↘	31↘	31↘	30↘	28↘	30↘	31↘	30↘	29↘
Lebanon	37↗	38↗	38↗	38↗	37↗	37↗	36↗	33↗	35→	35→	37→	38→	39→	39→	40→	41→	41→	41→	41→	36↘	36↘	36↘	35↘	35↘	33↘	32↘	32↘	32↘	32↘	31↘
Monett	39↗	39↗	39↗	40↗	39↗	39↗	38→	37→	39→	40→	43→	43→	44→	41→	43→	43→	41→	43→	41→	36↘	36↘	35↘	35↘	33↘	32↘	30↘	31↘	32↘	32↘	31↘
Mountain Grove	40↗	41↗	43↗	43↗	41↗	43↗	41↗	38↗	39→	40→	41→	43→	44→	45→	48→	48→	48→	48→	48→	44↘	44↘	43↘	41↘	40↘	39↘	37↘	38↘	38↘	38↘	38↘
Nevada	40↗	40↗	40↗	40↗	40→	45→	46→	46→	48→	49→	47→	47→	45→	44→	45→	45→	45→	44→	44→	36↘	36↘	36↘	35↘	35↘	35↘	31↘	33↘	33↘	33↘	33↘
Osage Beach	30↗	30↗	31↗	31↗	31↗	32↗	31↗	30→	33→	35→	36→	37→	37→	36→	37→	38→	37→	38→	37→	31↘	31↘	31↘	31↘	30↘	30↘	28↘	29↘	29↘	28↘	26↘
Pittsburg, KS	40↗	40↗	41↗	40↗	40→	43→	43→	44→	44→	46→	46→	47→	46→	44→	45→	45→	44→	43→	40↘	35↘	35↘	35↘	33↘	33↘	32↘	31↘	31↘	32↘	32↘	31↘
Rolla	35↗	36↗	38↗	38↗	38↗	39↗	38↗	36↗	36→	37→	38→	40→	39→	41→	43→	43→	43→	41→	41→	37↘	37↘	37↘	36↘	36↘	35↘	32↘	33↘	33↘	33↘	33↘
Springfield	35↗	35↗	36↗	36↗	36↗	38↗	37↗	33→	37→	39→	41→	44→	44→	44→	45→	45→	44→	43→	43→	37↘	37↘	36↘	35↘	35↘	33↘	31↘	32↘	32↘	32↘	31↘
Warsaw	31↗	31↗	31↗	33↗	33↗	35→	33→	35→	38→	40→	40→	41→	40→	38↘	40↘	40↘	40↘	40↘	39↘	33↘	33↘	33↘	32↘	32↘	30↘	29↘	30↘	30↘	29↘	28↘
West Plains	35↗	36↗	37↗	38↗	38↗	38↗	37↗	33↗	35↗	36→	37→	39→	40→	41→	44→	44→	45→	45→	45→	39↘	39↘	38↘	38↘	37↘	36↘	36↘	36↘	36↘	36↘	35↘





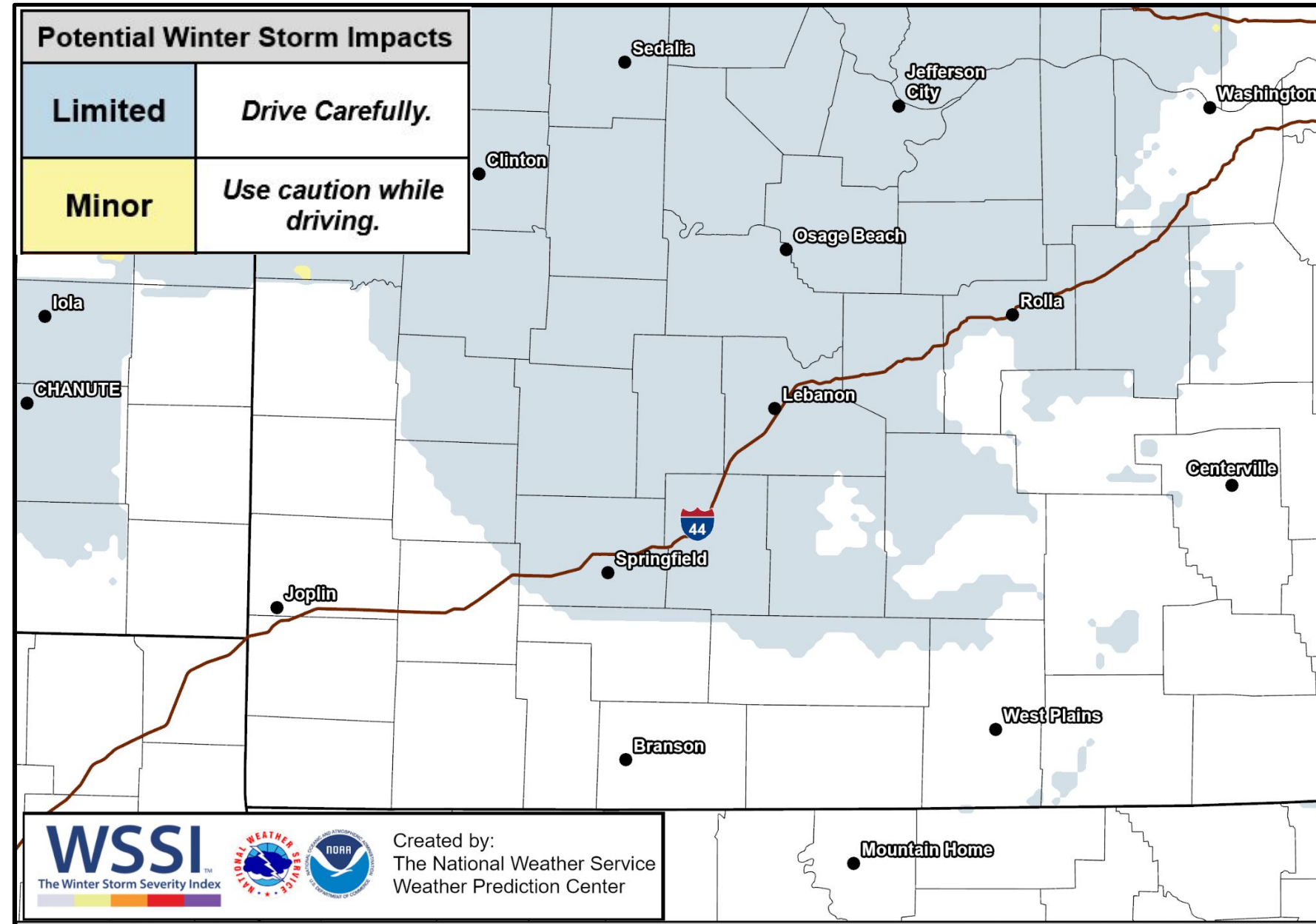
Winter Weather Today/Tonight

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Limited to localized patches of minor impacts expected

Key Points

- Remain aware of possible winter weather this evening into tonight.
- **Rapidly falling temperatures could result in slick spots on sidewalks and roadways due to flash freezing**, especially on bridges/overpasses and elevated surfaces.
- There is a **low potential for limited to localized areas of minor impacts** from the flash freeze/snowfall tonight.
- Northwest wind gusts of 40-50 mph could cause blowing snow and reduce visibilities.
- Most locations receive less than a half inch, with the highest chances across central MO.
- Primarily a transition from light rain to light snow, with a very short window for mixed precipitation.

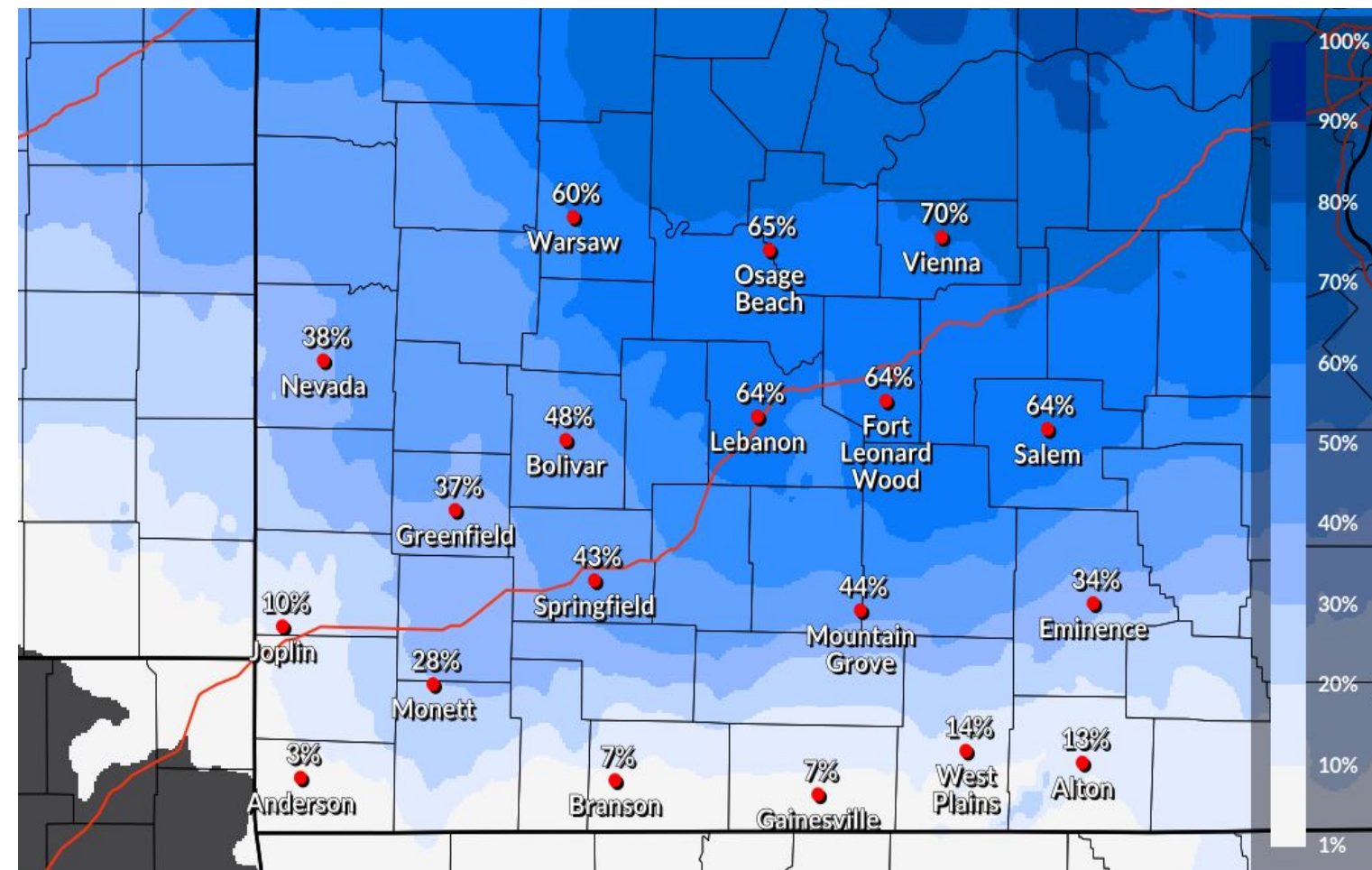


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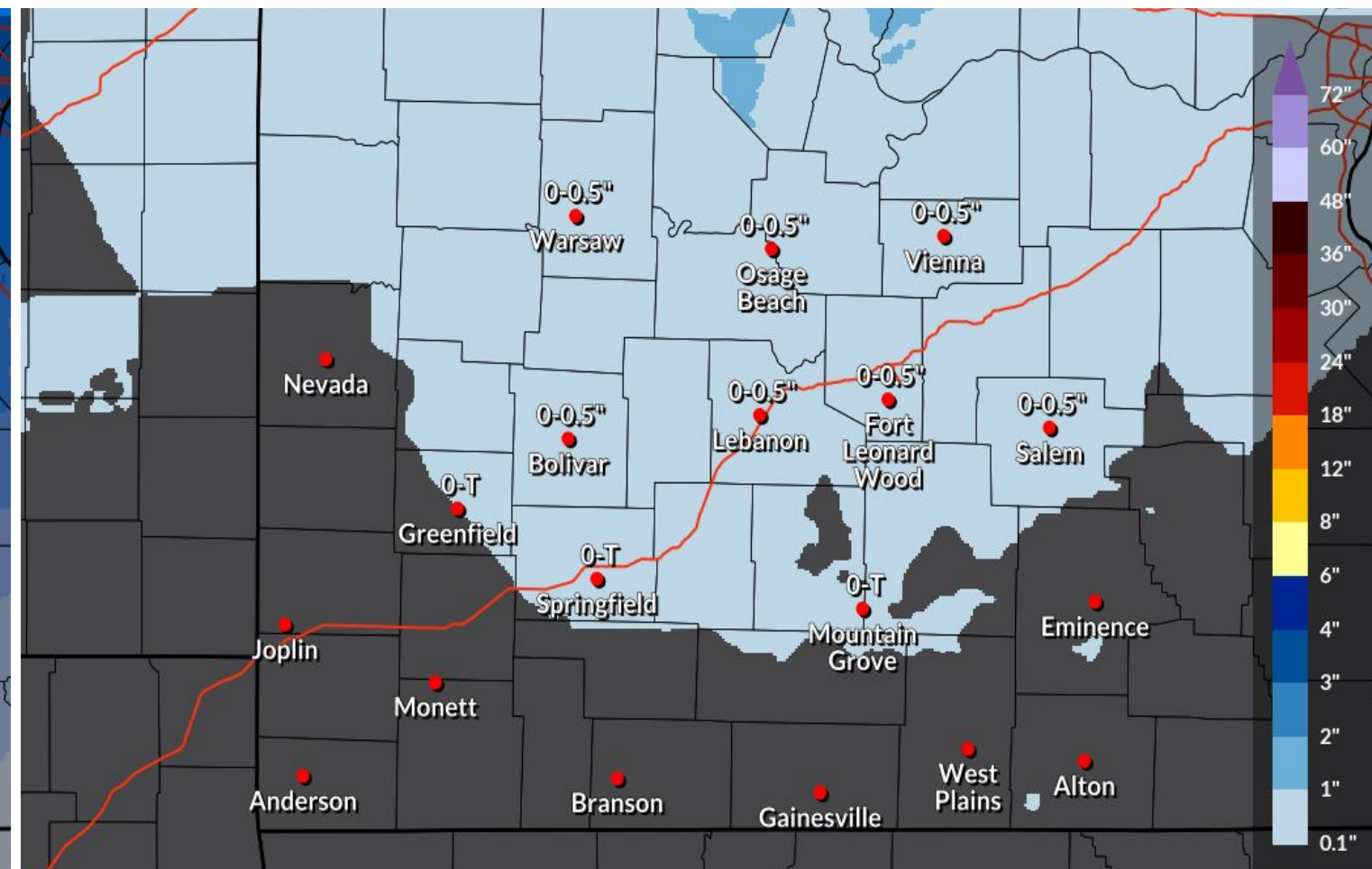


Snowfall Today/Tonight

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Probability of > 0.1" of snowfall

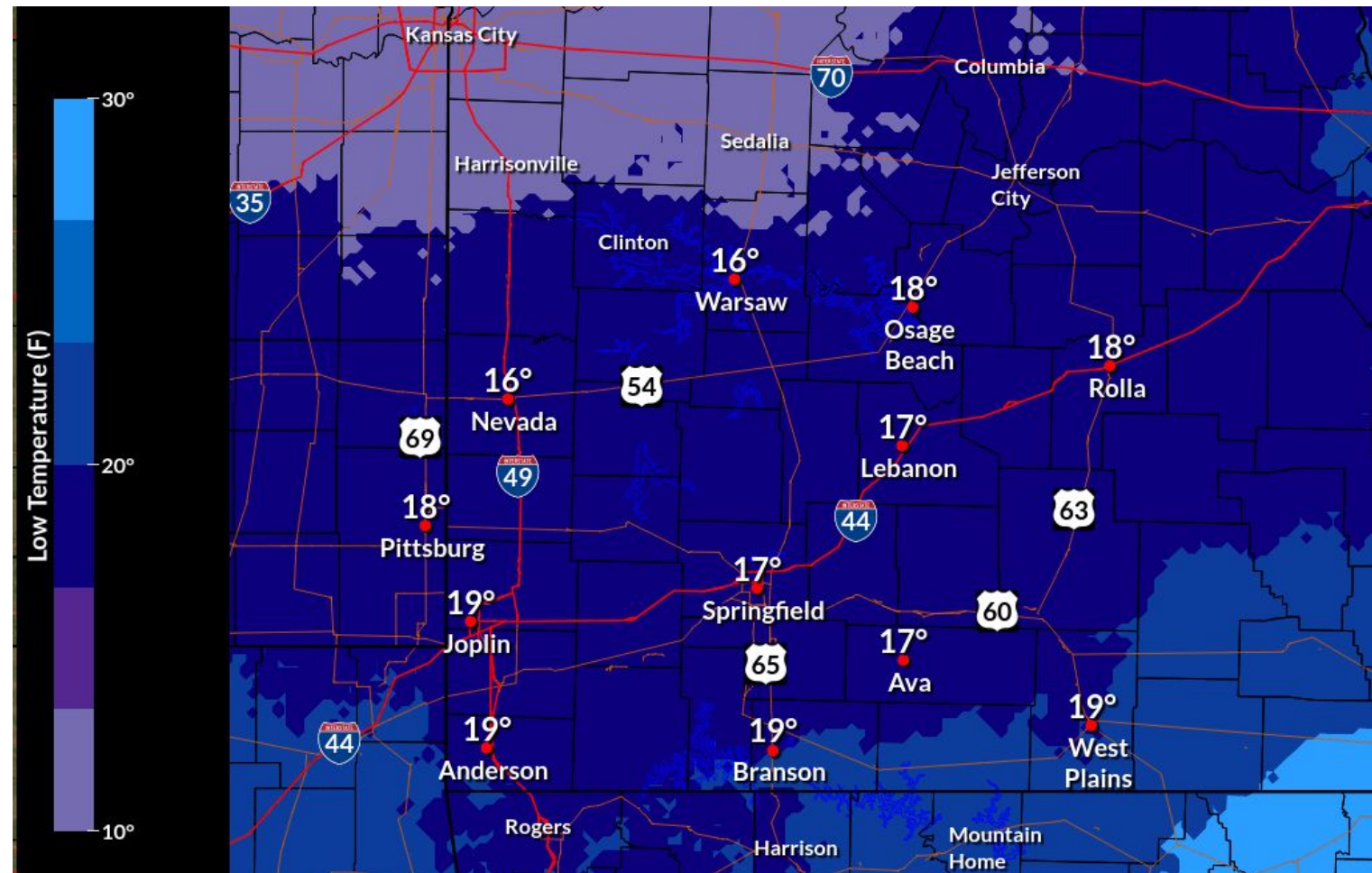


Official Snow Forecast

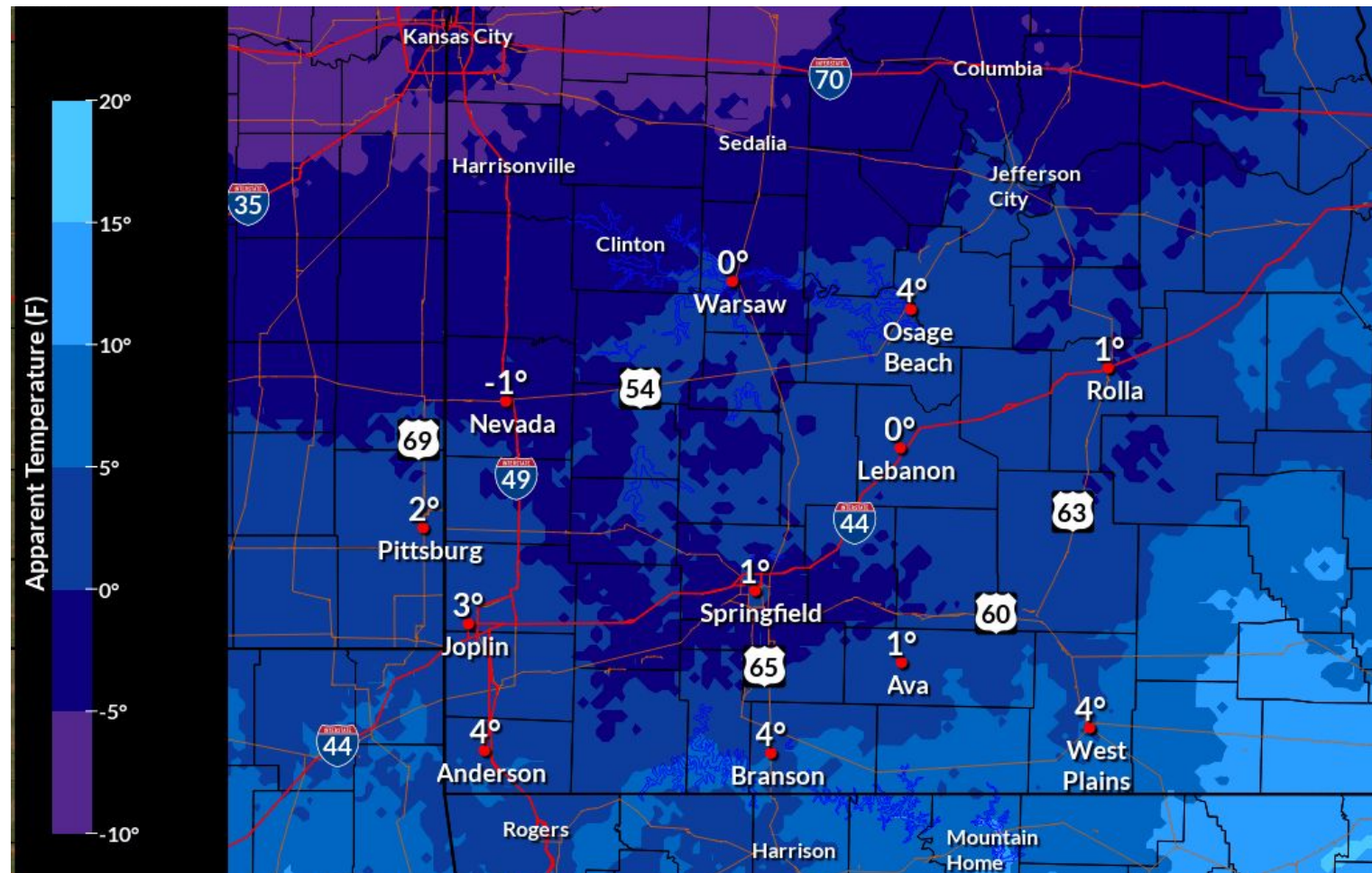


Temperatures and Wind Chills Monday

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Monday Morning Temperatures

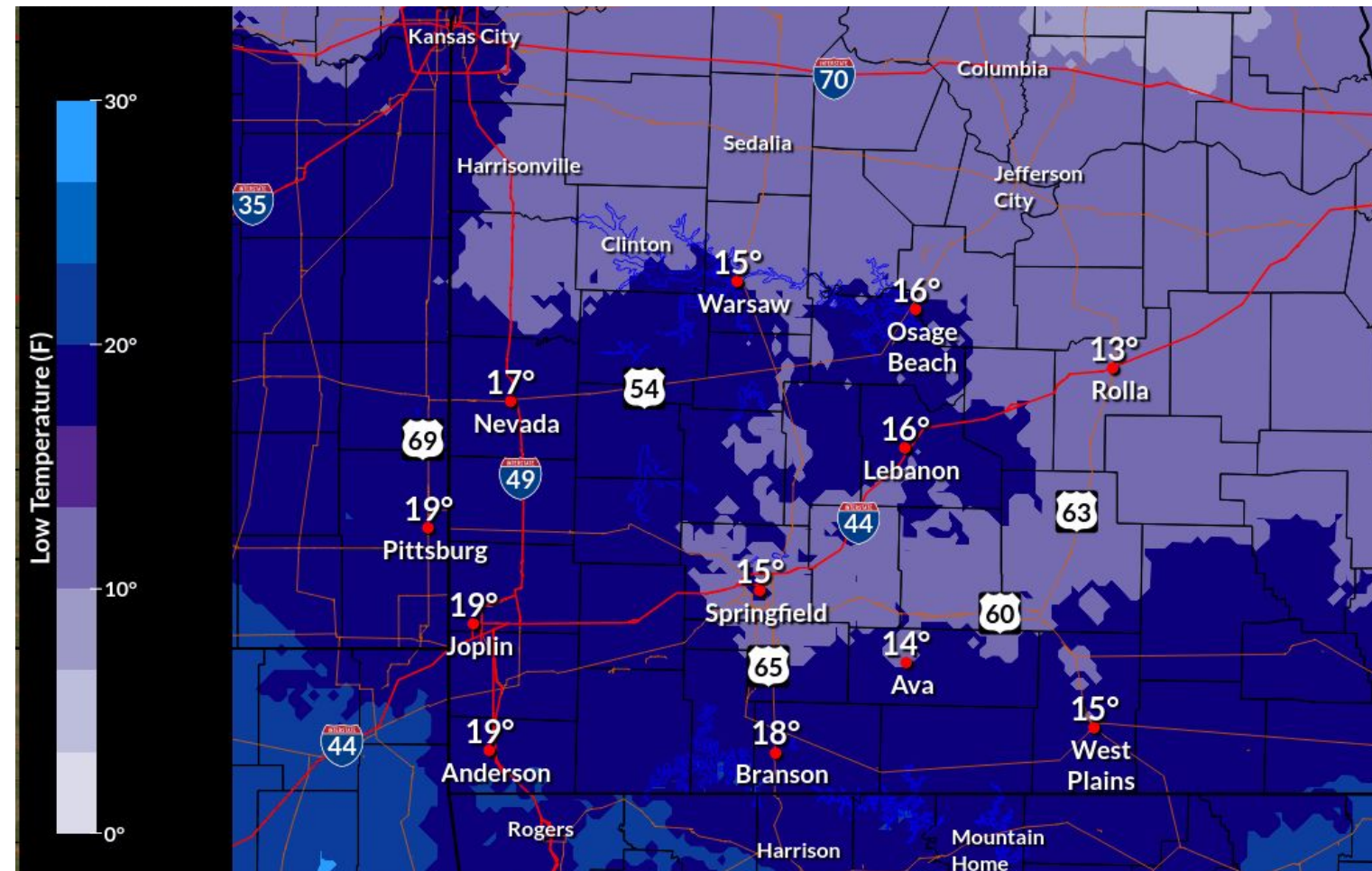


Monday Morning Wind Chills

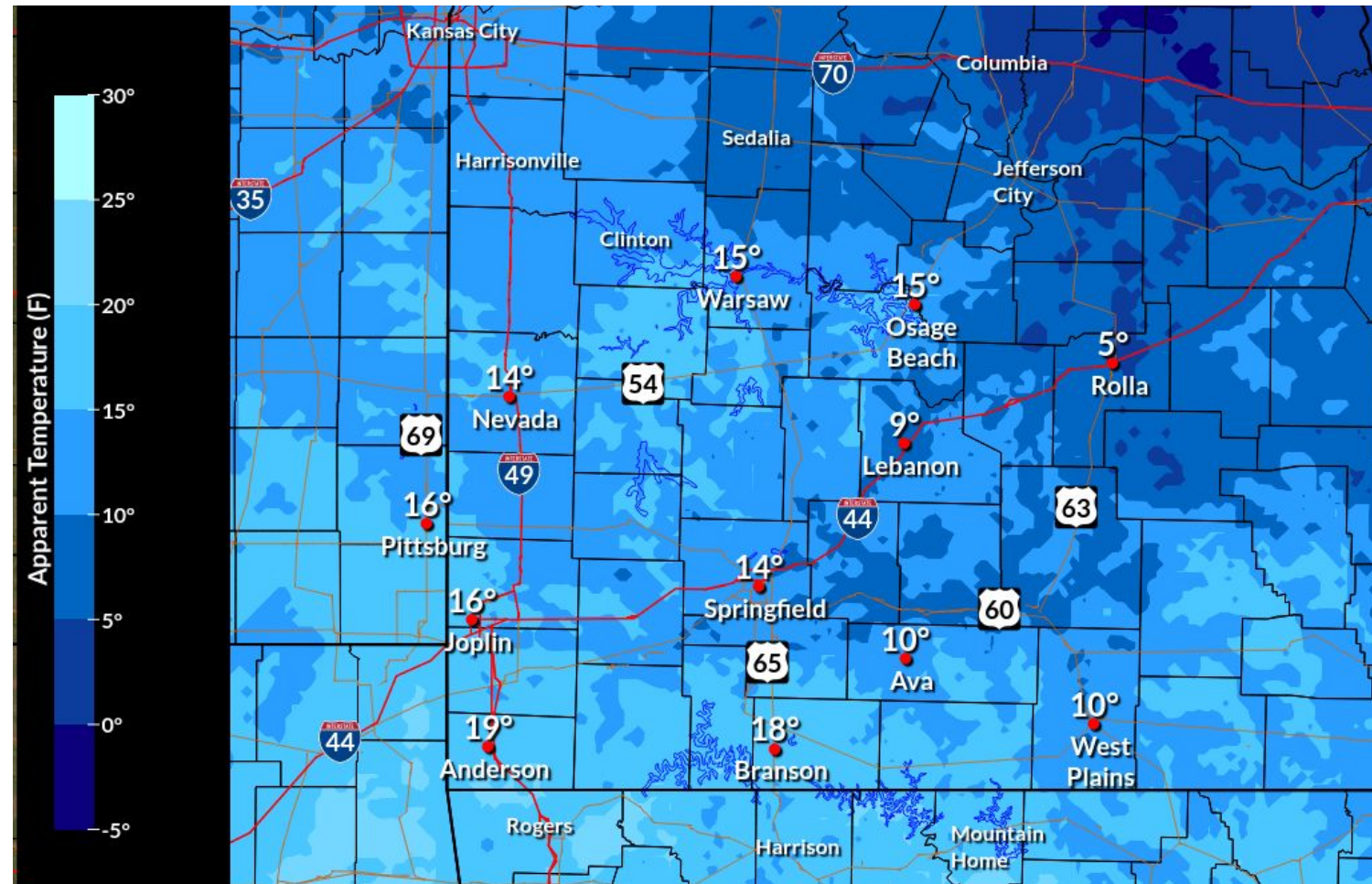


Temperatures and Wind Chills Tuesday

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4:22 AM



Tuesday Morning Temperatures



Tuesday Morning Wind Chills



Weather Timing Today - Monday

March 15, 2026
4:22 AM

Precipitation Chances and Timing

Weather Forecast

	3/15 Sun																			3/16 Mon		
	7am	8am	9am	10am	11am	12pm	1pm	2pm	3pm	4pm	5pm	6pm	7pm	8pm	9pm	10pm	11pm	12am	1am	2am	3am	
Branson				20%	50%	65%	80%	65%	50%													
Fort Leonard Wood					25%	50%	75%	95%	70%	40%	25%	15%	30%				15%	15%	15%			
Joplin				25%	30%	20%	15%			35%	25%	15%										
Lebanon					45%	65%	85%	60%	50%	30%	15%	15%	25%				20%	20%	20%			
Monett				35%	55%	65%	35%	25%	20%	20%	25%	15%										
Mountain Grove					25%	60%	80%	95%	80%	45%	20%		20%									
Nevada			20%	30%	15%	15%	15%		15%	35%	15%											
Osage Beach				15%	40%	65%	75%	50%	45%	35%	25%	25%	30%				15%	15%	15%	15%	15%	15%
Pittsburg, KS				20%						30%												
Rolla					20%	45%	75%	95%	80%	60%	35%	25%	35%	20%	15%	15%	15%	15%	15%	15%	15%	15%
Springfield				35%	60%	80%	70%	40%	35%	15%	15%		15%									
Warsaw	20%	20%	30%	50%	55%	65%	30%	35%	35%	40%	40%	35%	30%	20%	35%	30%	30%	30%				
West Plains					15%	20%	55%	75%	95%	65%	50%	25%	20%									

- Rain +
- Thunderstorms +
- Wintry Mix +
- Snow +



Confidence Levels

March 15, 2026
4:22 AM

Strong to Severe Thunderstorms



Light Snow



Gusty Winds



Cold Weather



Confidence Details

- Confidence is high that a strong cold front will move through the area today with gusty winds occurring ahead of and behind the front.
- Highest severe chances are Highway 65 and are dependent on moisture/instability.
- Rain does look to change to snow behind the front. However, amounts/potential impacts are trending downward.

Alternate Scenarios

- If the front slows down and enters the area later today then the severe weather chance could increase.
- Wind gusts could increase higher than 50mph if the system strengthens further.
- Even colder air could allow for additional flash freeze potential with snow fall.



For Additional Information

- [NWS Springfield Webpage](#)
- [IDSS Point Forecasts](#)
- [Graphical Hazardous Weather Outlook](#)
- [SPC Convective Outlooks](#)
- [Probabilistic QPF Experiment Webpage](#)
- [Submit Storm Reports](#)
- [NWS Springfield Probabilistic Snowfall](#)
- [MODOT Travel Map](#)
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