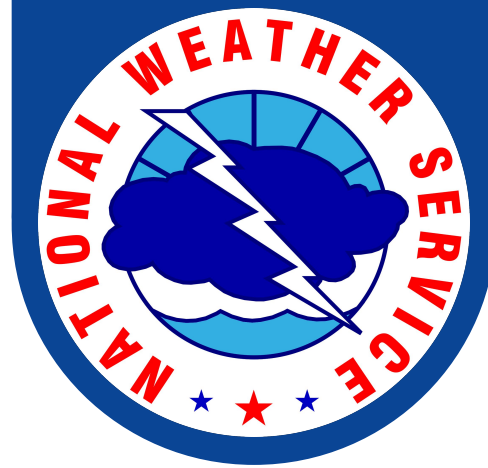




# FEMA



Prepared by  
*Melissa Huffman*

# FEMA Region 6 Weather Threat Briefing

## Monday, December 23, 2024

**Disclaimer:** The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to [www.weather.gov/srh](http://www.weather.gov/srh).





# Summary

- **Marginal risk of heavy rainfall (level 1 out of 4) over E OK, AR, NW LA and E TX on Tuesday and Thursday.**
- **Marginal risk for severe storms (level 1 out of 5) over S Ctrl/SE TX on Tuesday; damaging winds the main threat.**
- **Travel impacts possible along I-25 from snowfall above 7000 feet in N/NE NM late Wednesday/Wednesday night.**
- **Minor river flooding will continue in NE AR through the upcoming week. Additional minor flooding could develop in AR from rainfall this week.**





# FEMA Region 6 Threat Matrix

Next 5 Days

	Monday, Dec 23	Tuesday, Dec 24	Wednesday, Dec 25	Thursday, Dec 26	Friday, Dec 27
<b>Severe Storms</b>		S Ctrl/SE TX			
<b>Heavy Rain / Flash Flooding</b>		SE OK,AR, NW LA, NE/SE TX		E OK,AR, NW LA, N/E/SE TX	
<b>Fire Weather</b>					
<b>Winter Weather</b>			N/NE NM		
<b>River Flooding</b>	NE AR	NE AR	NE AR	NE AR	NE AR

*\*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.\*  
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

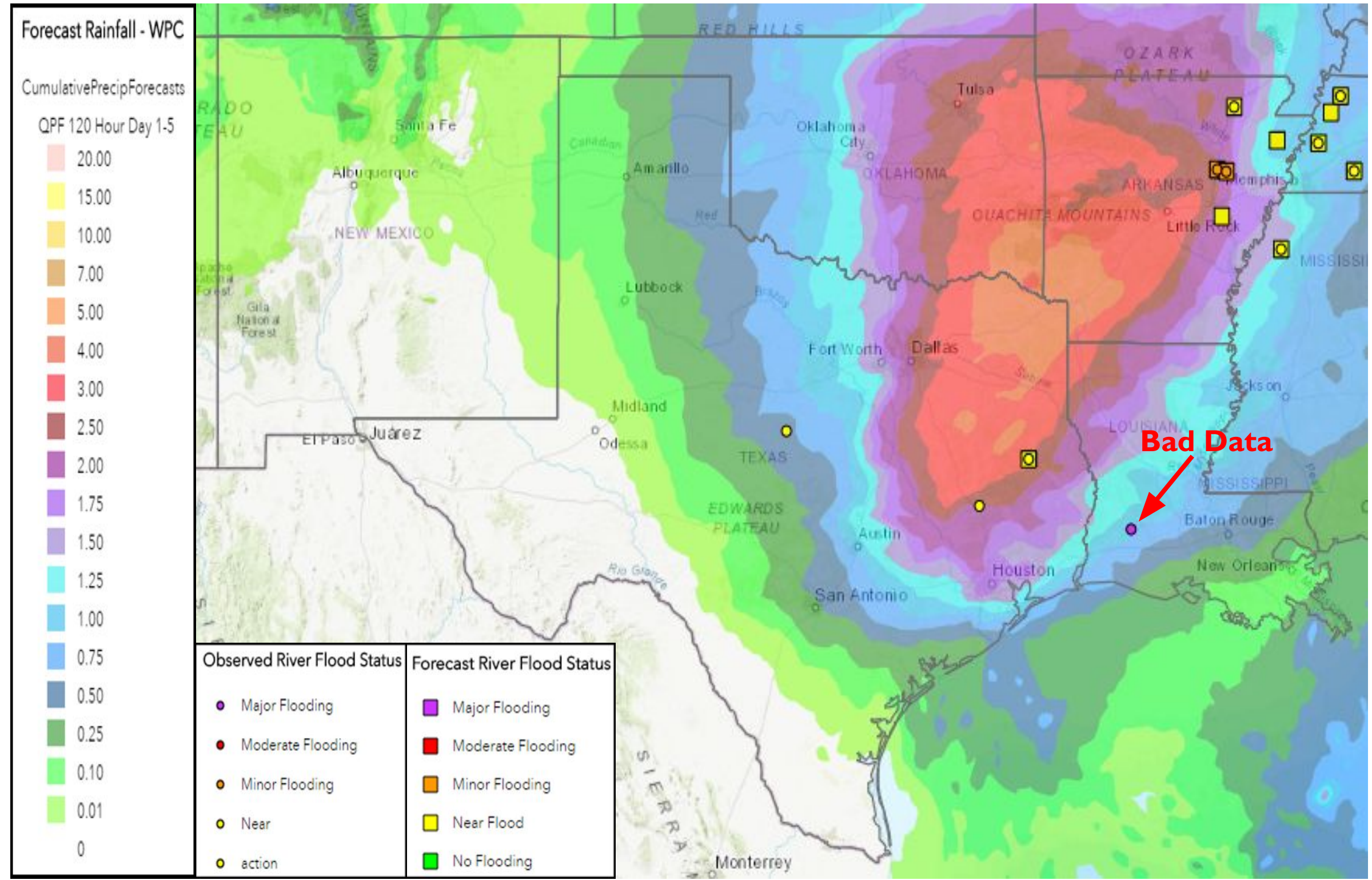
<b>Risk Levels</b>	Little to None	Minor	Moderate	Major	Extreme
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# 5-Day Precipitation Forecast & River Flood Status

Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall



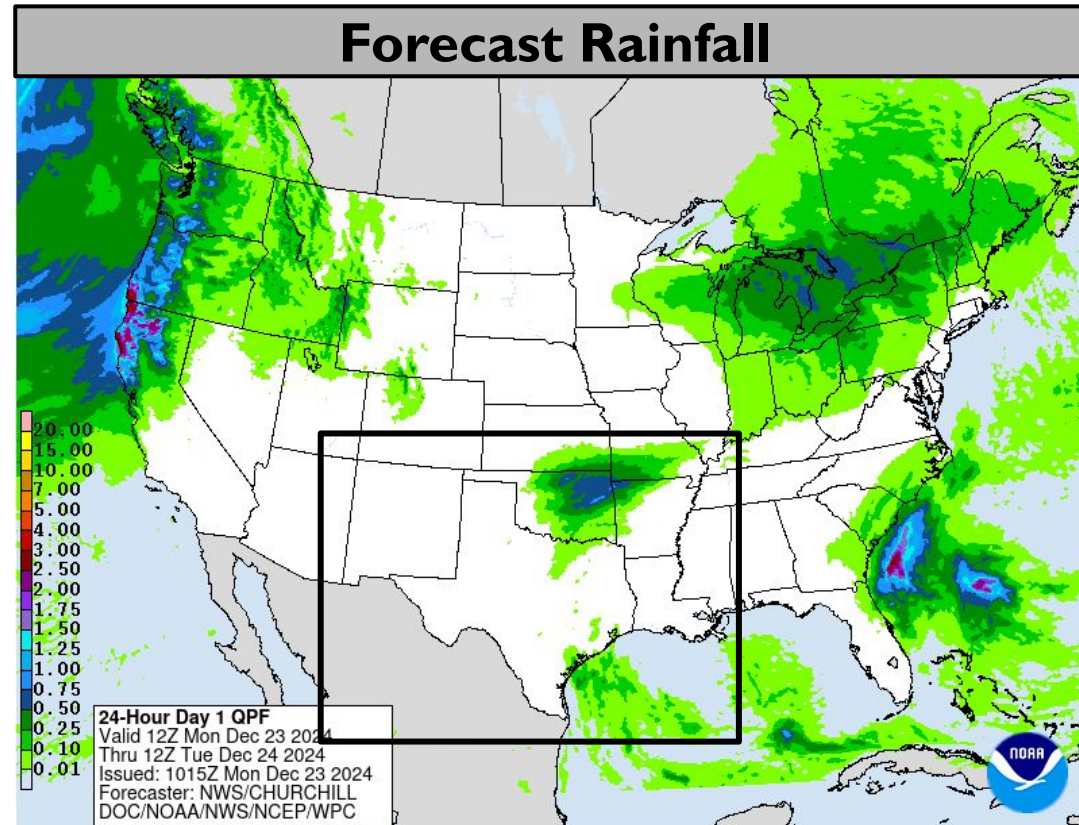
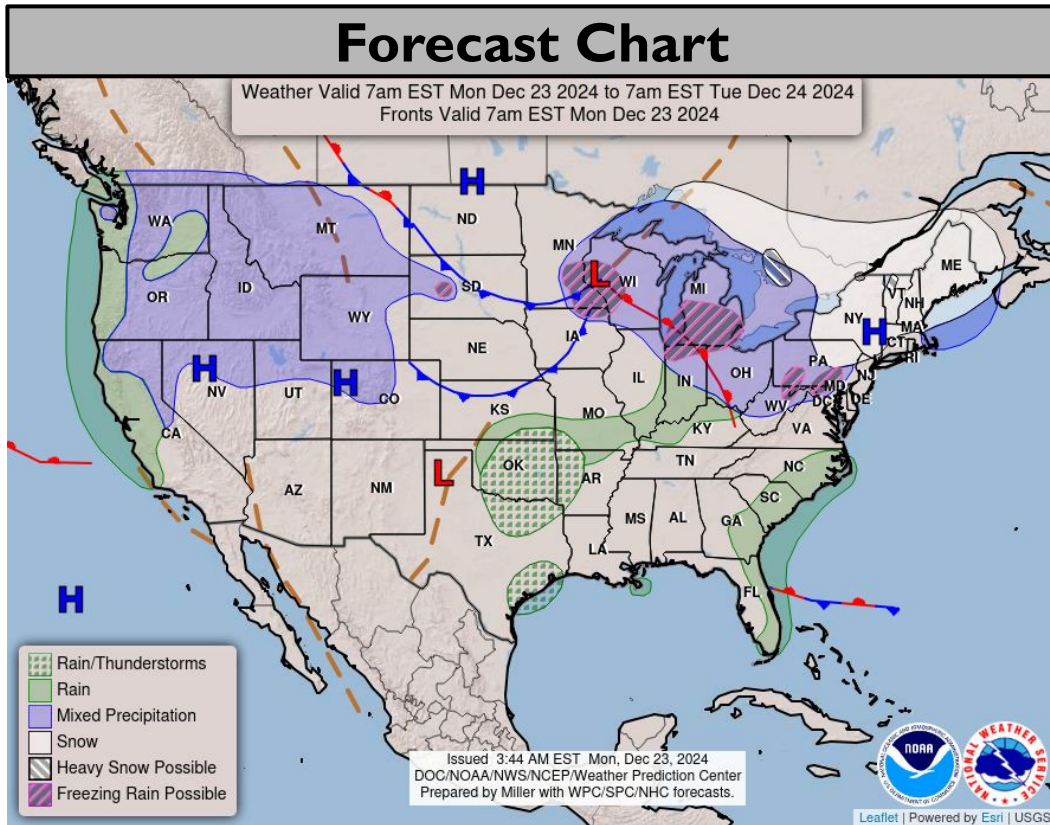
**Minor river flooding in NE AR with flooding of low-lying pastures and swampland as well as inundation of roads in Henry Gray Hurricane Lake Wildlife Management area.**

**Additional minor flooding could occur in AR from rainfall this week.**

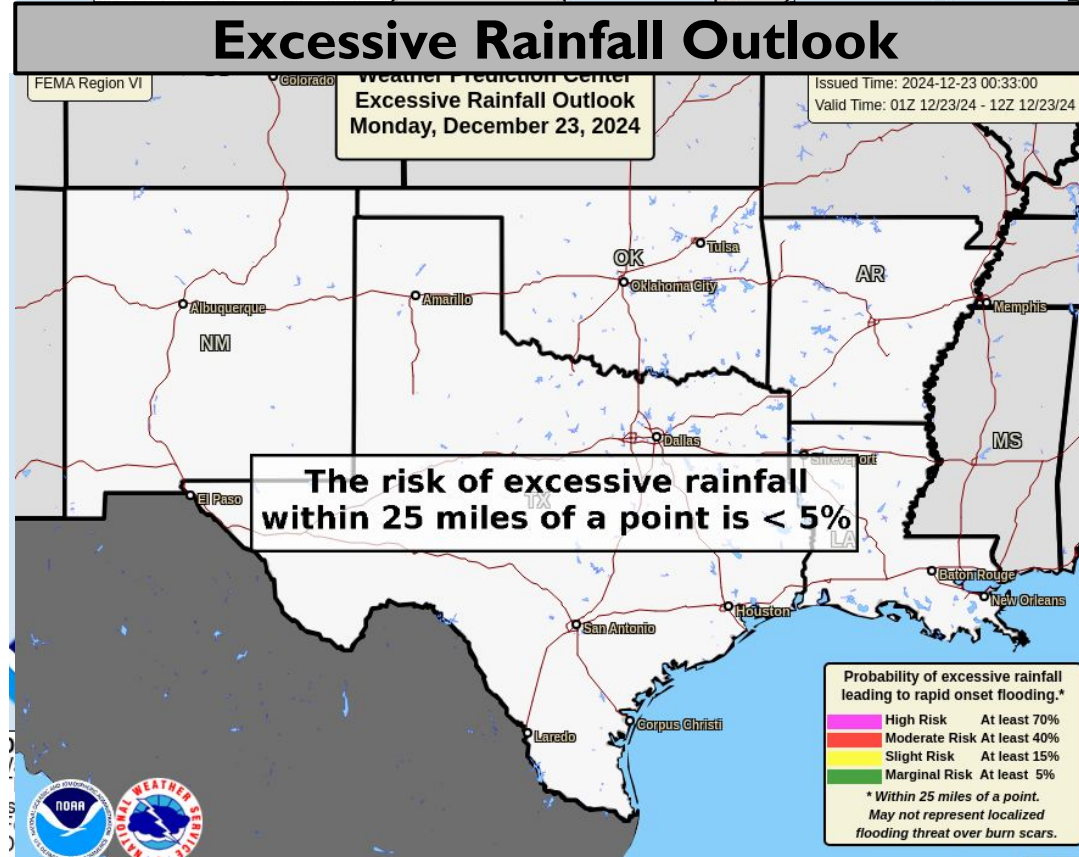
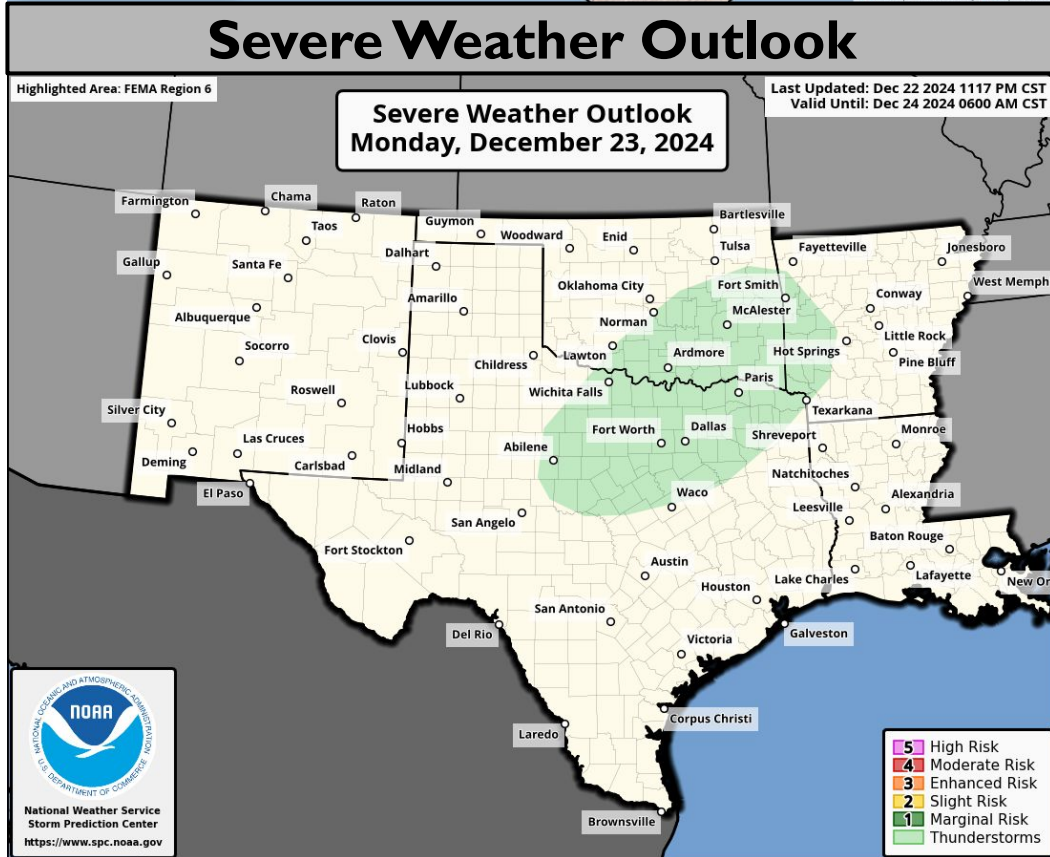




# Today's Weather



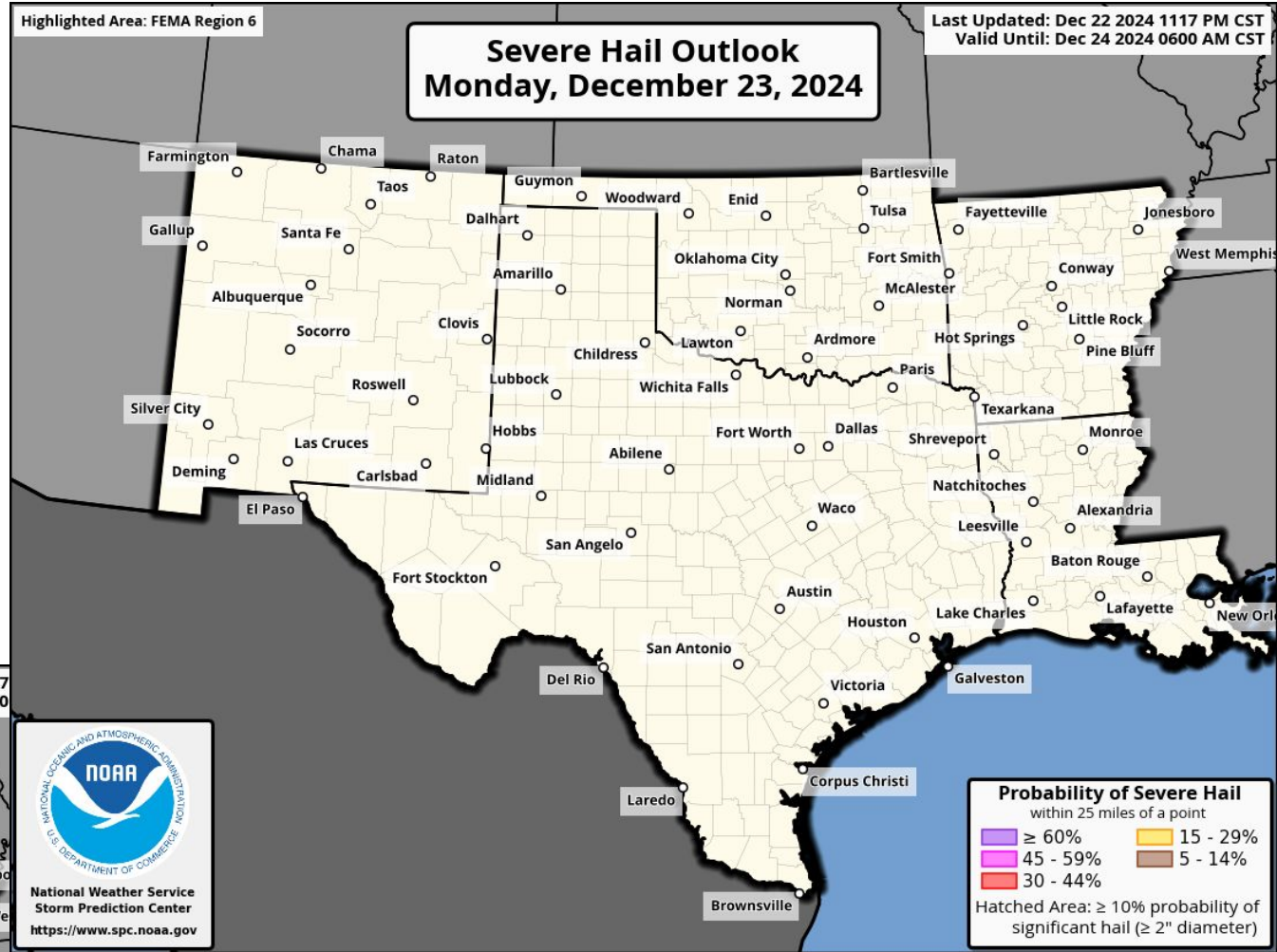
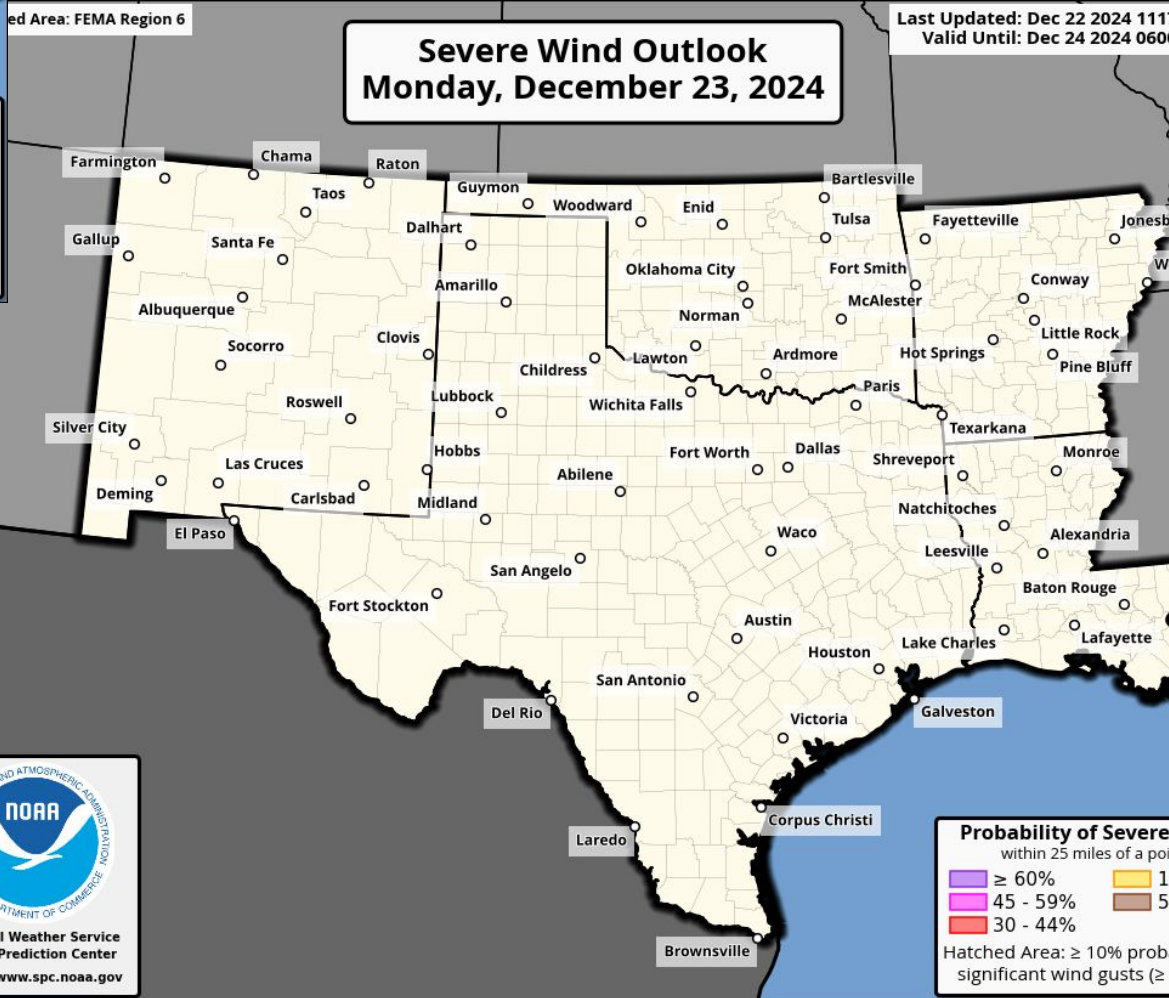
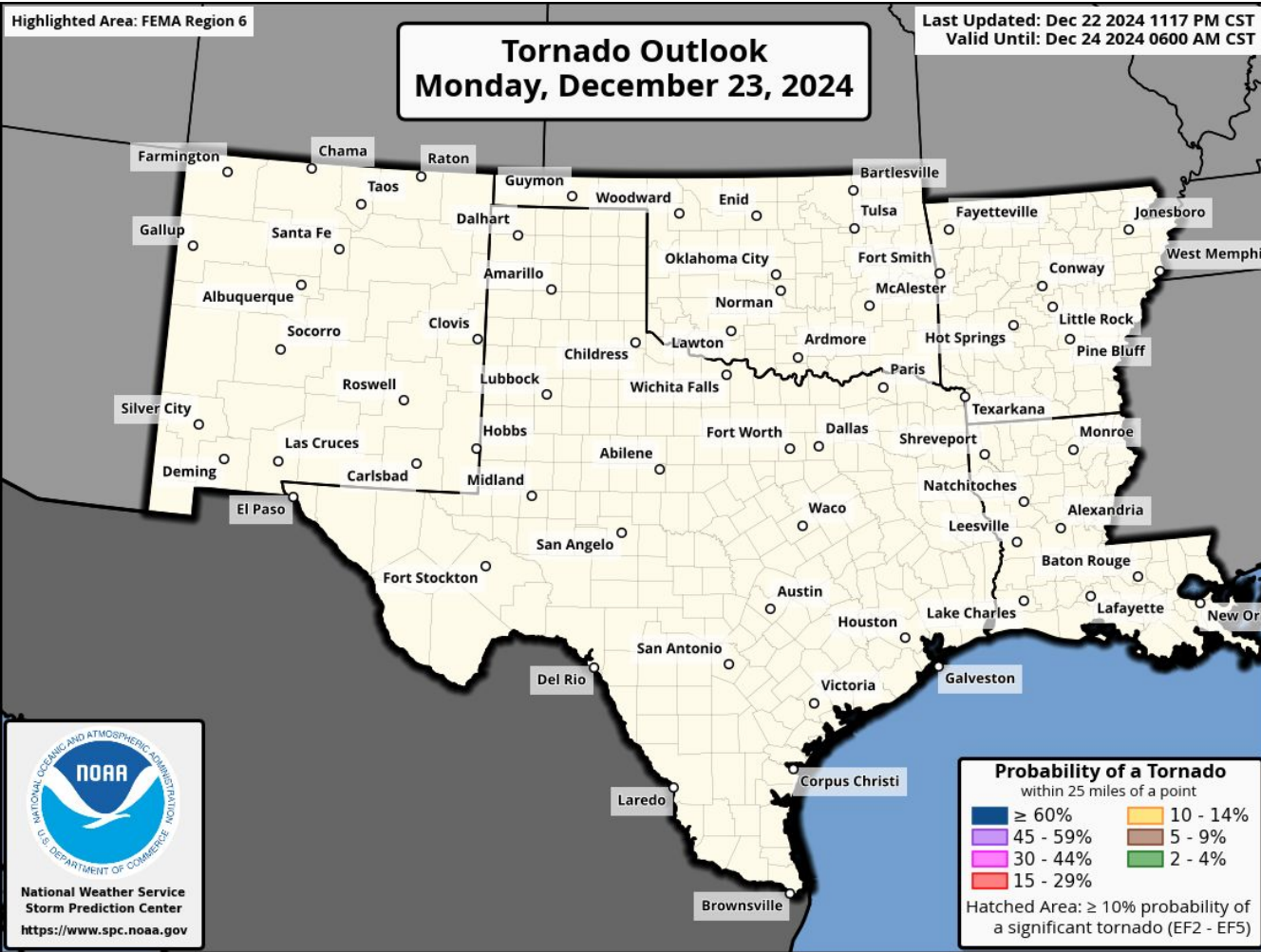
**No significant weather expected.**

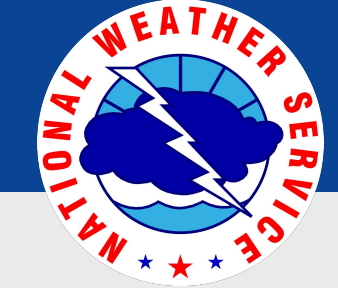






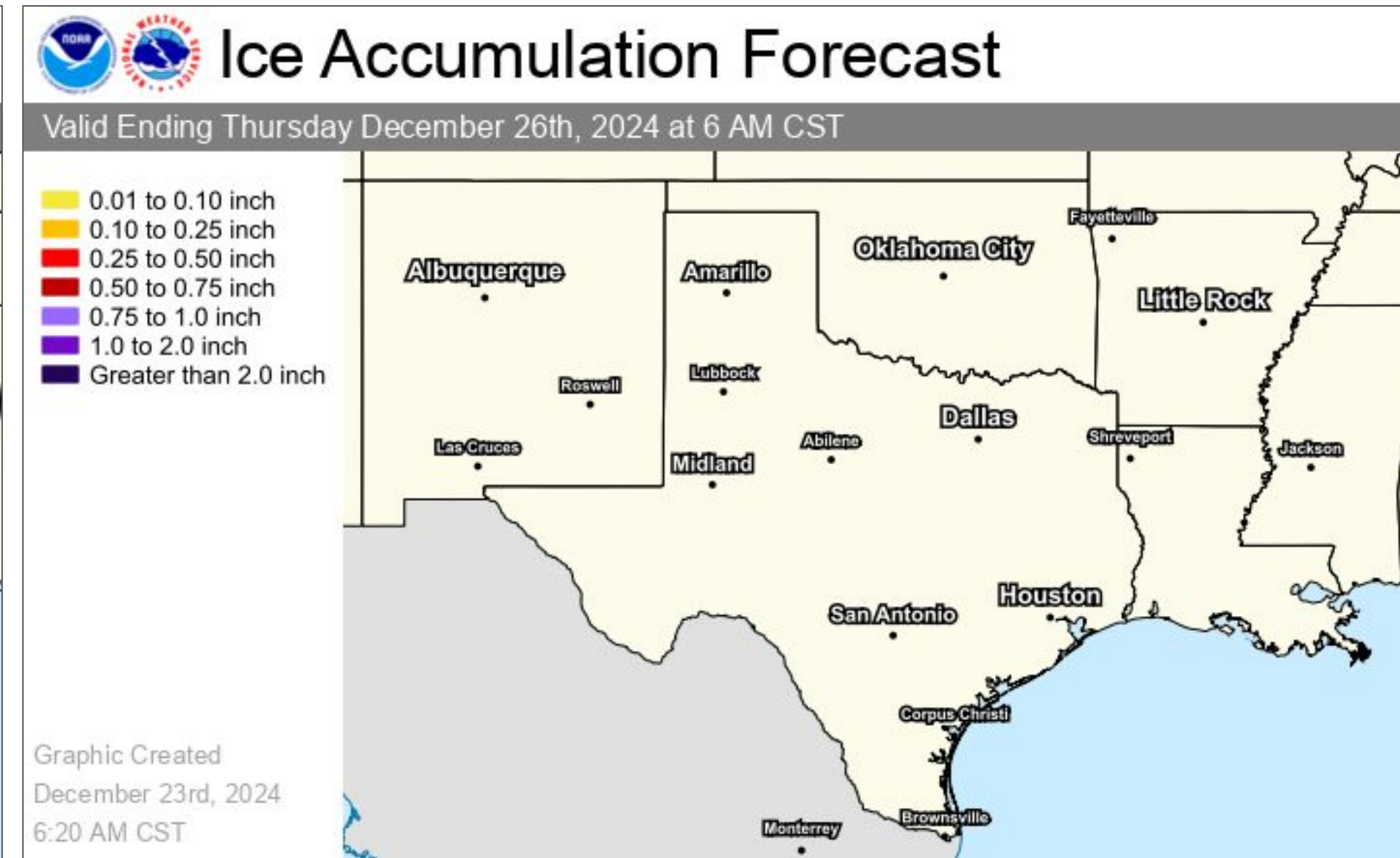
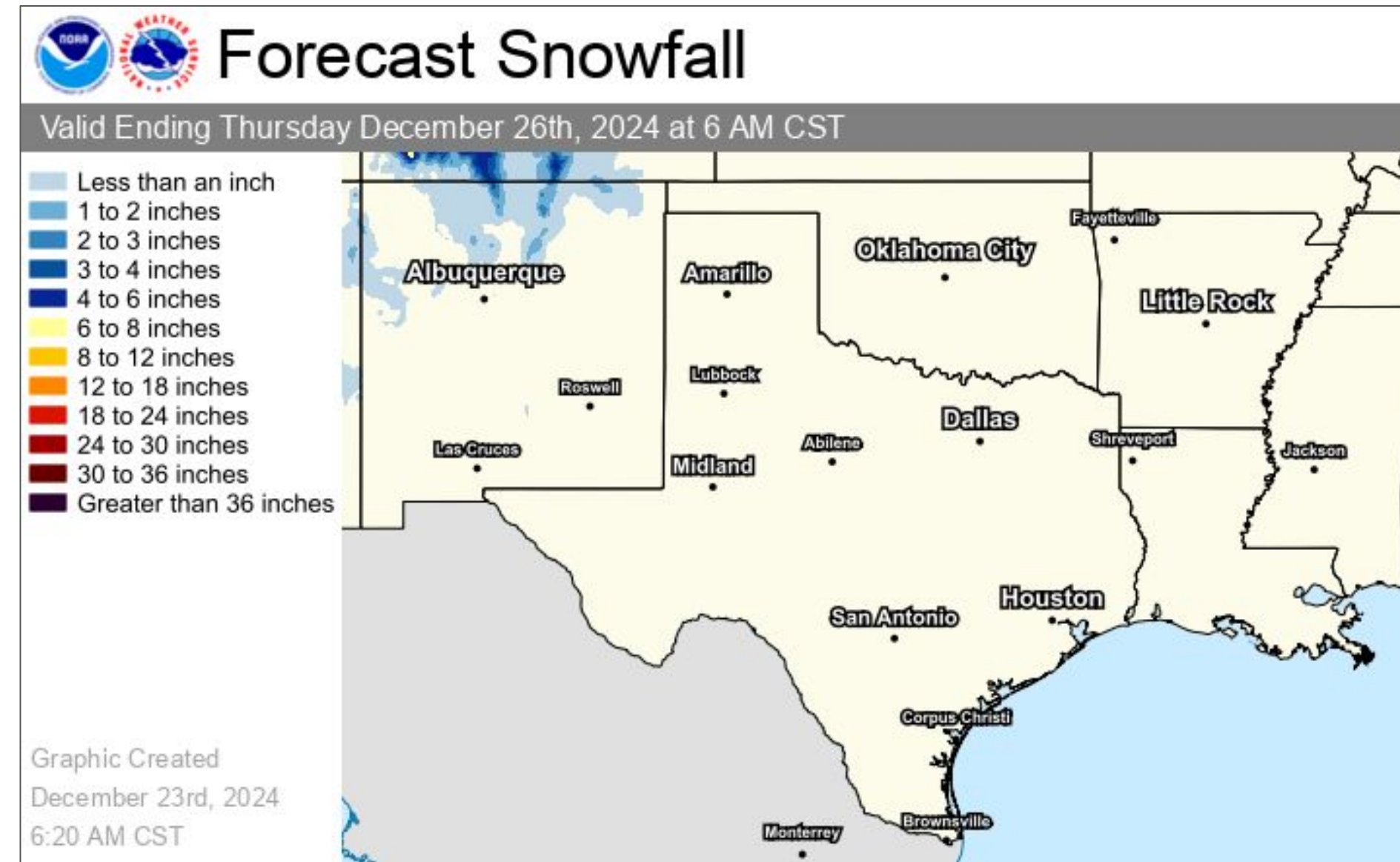
# Today's Tornado & Severe Wind / Hail Probabilities





# Winter Weather

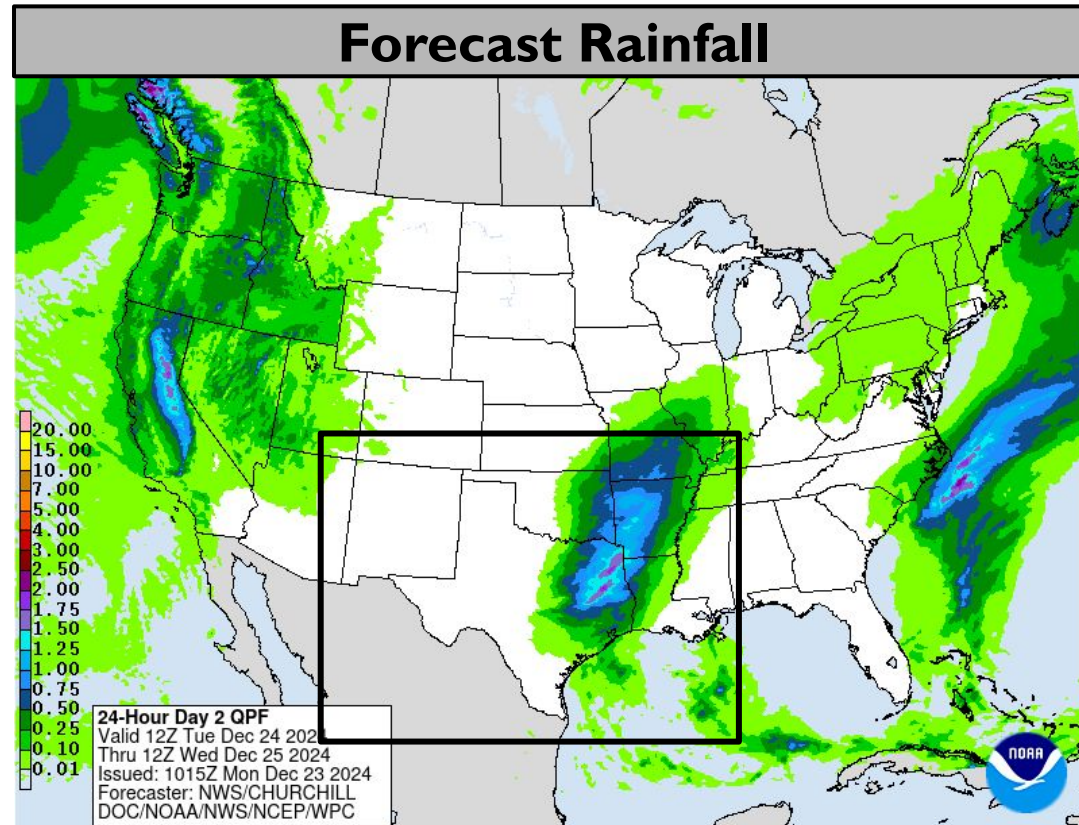
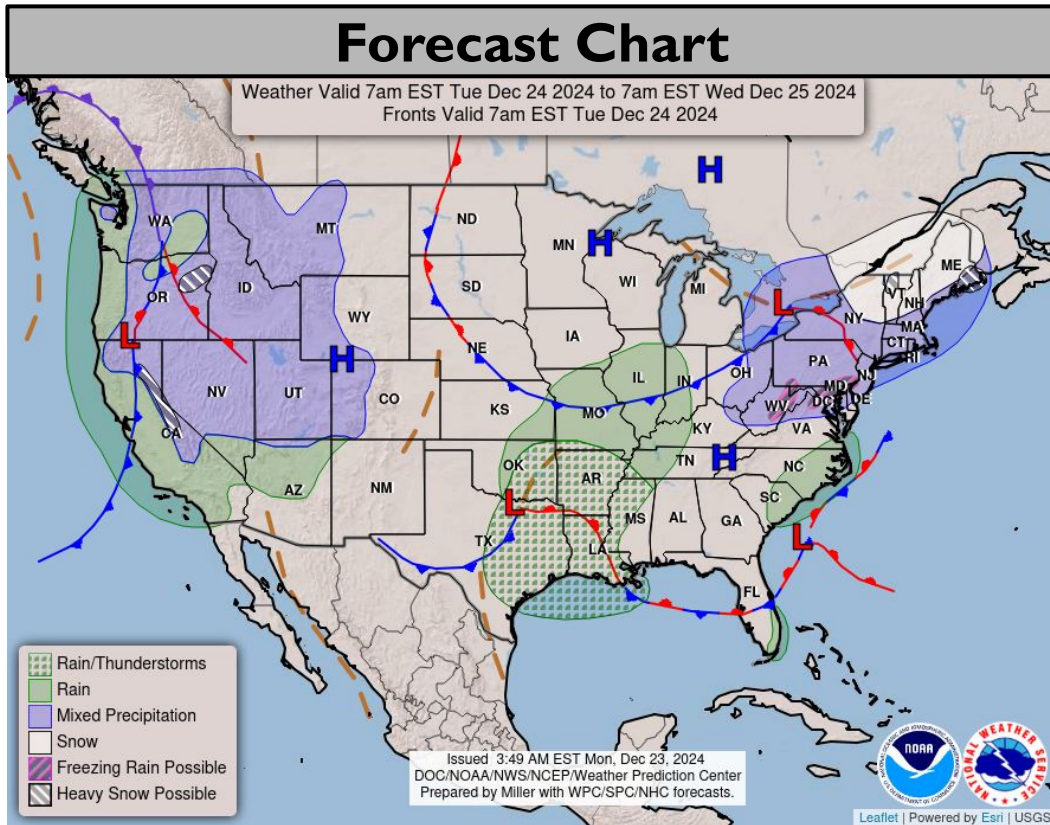
Through the next 3 days





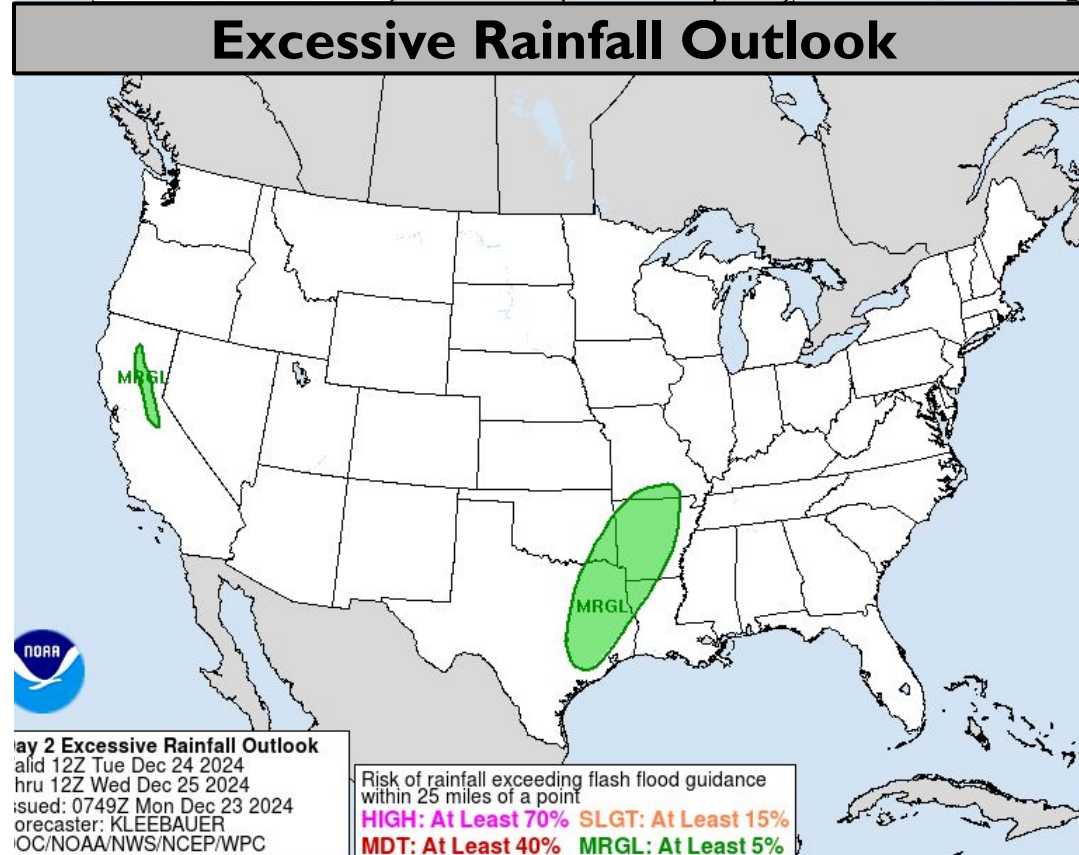
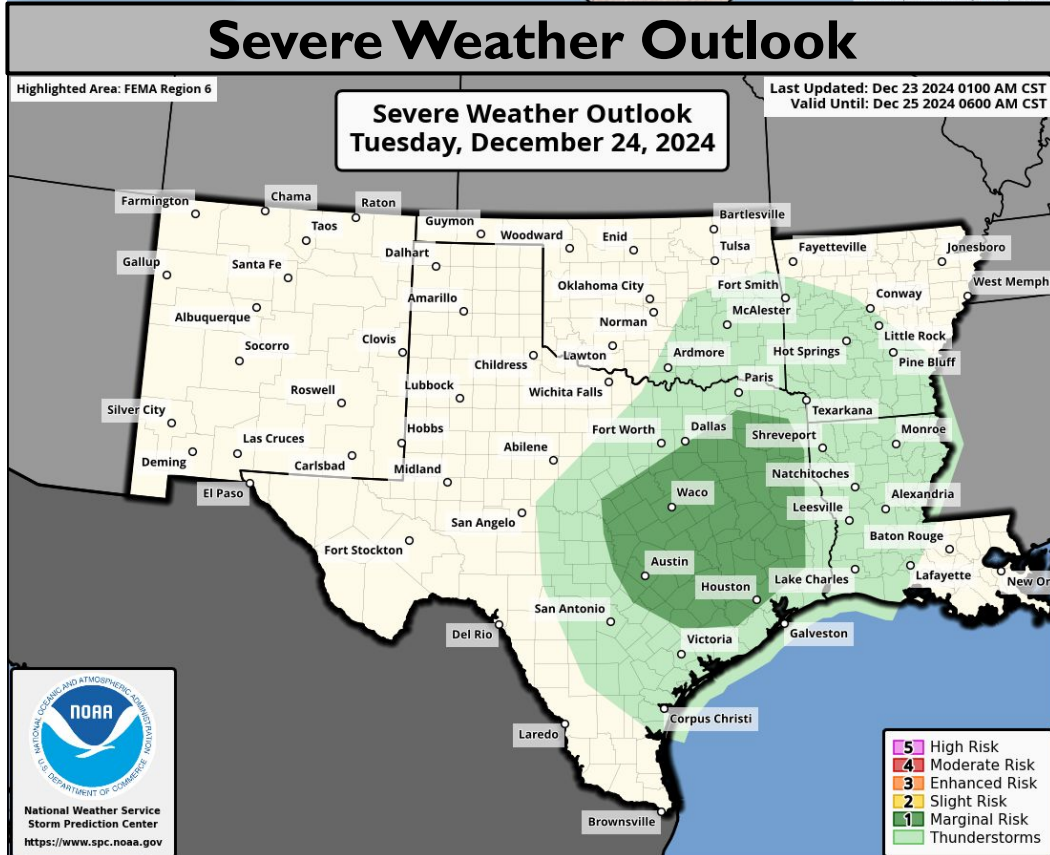


# Tomorrow's Weather



**Marginal risk of excessive rainfall (level 1 out of 4) over SE OK, AR, NW LA, NE/SE TX**

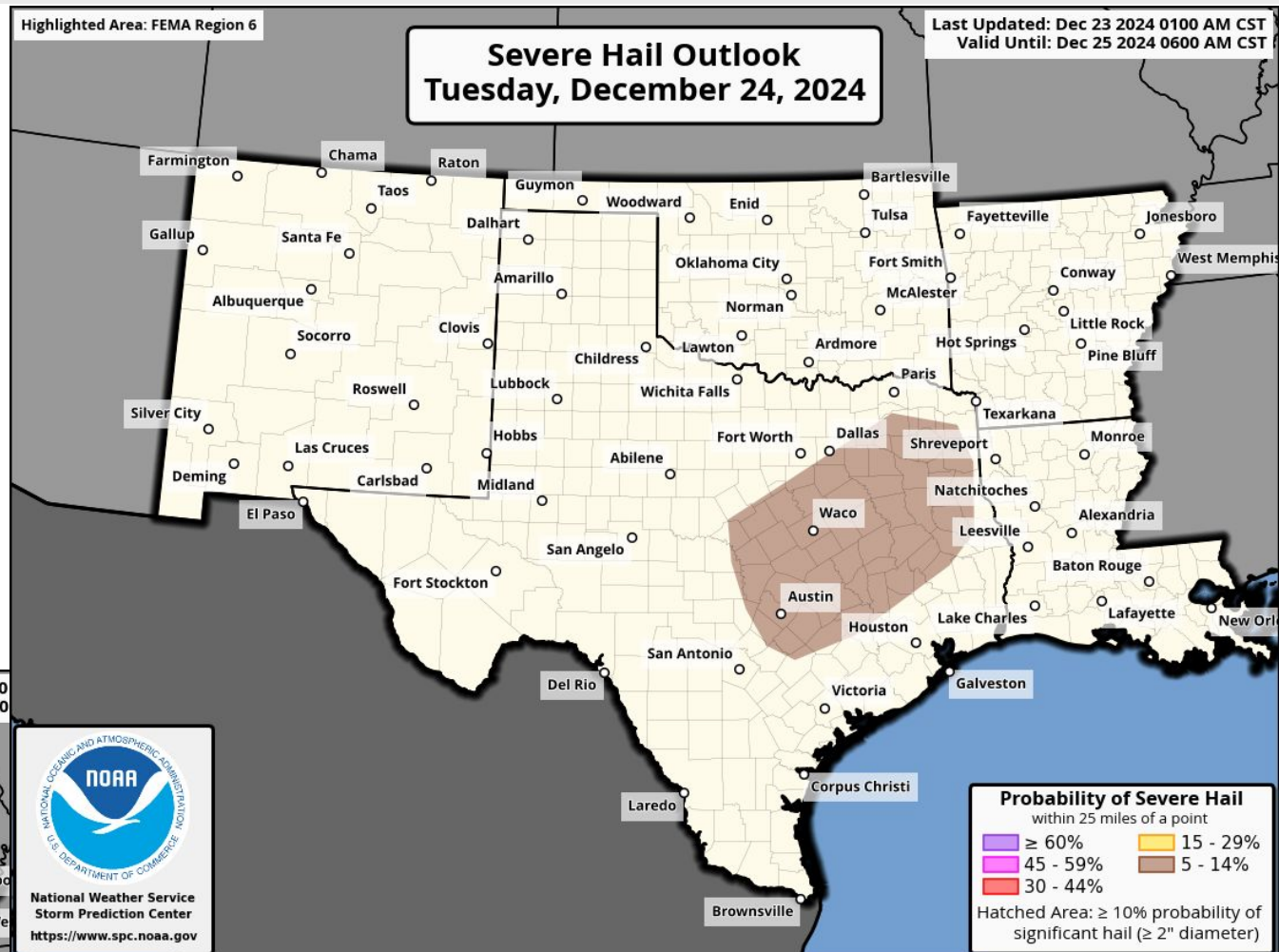
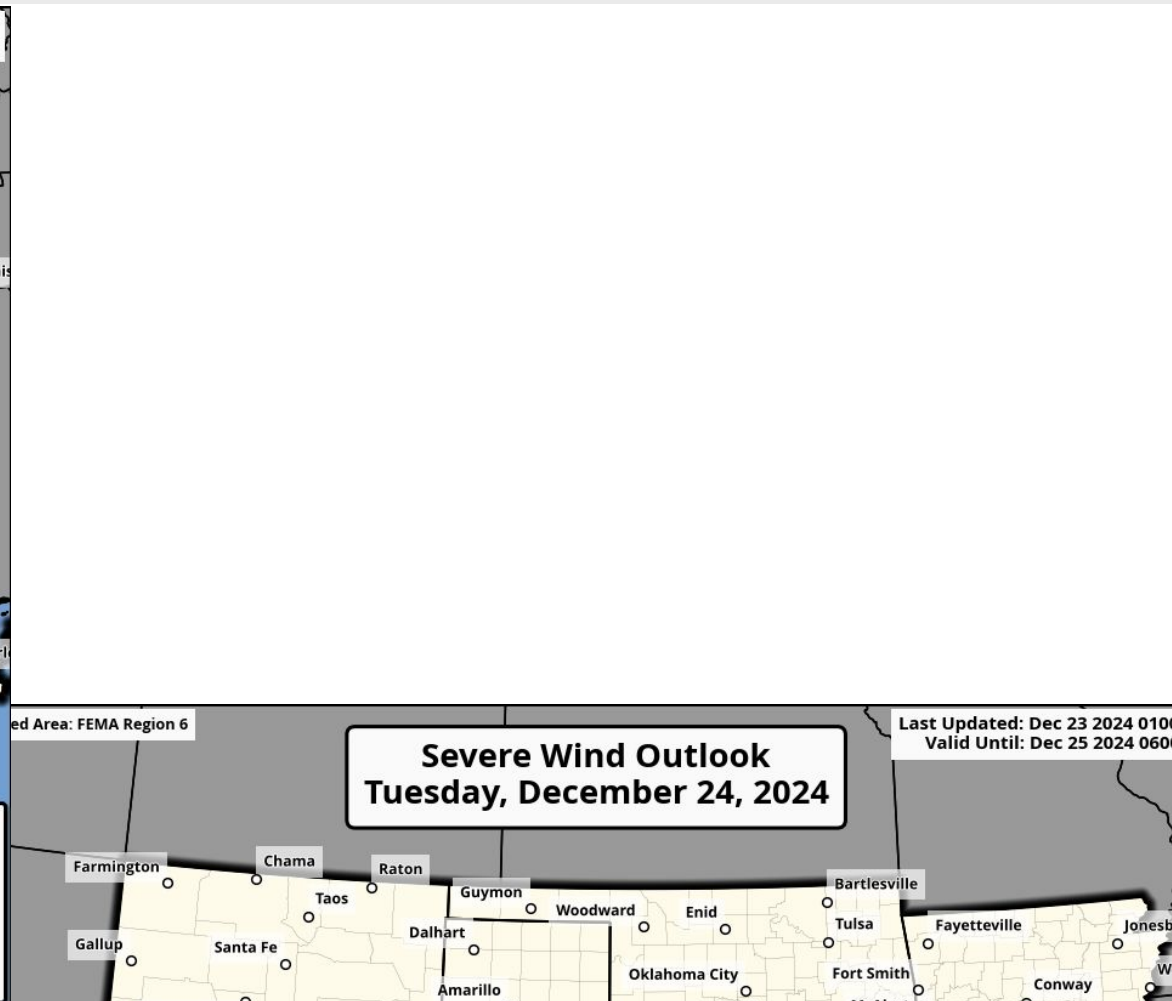
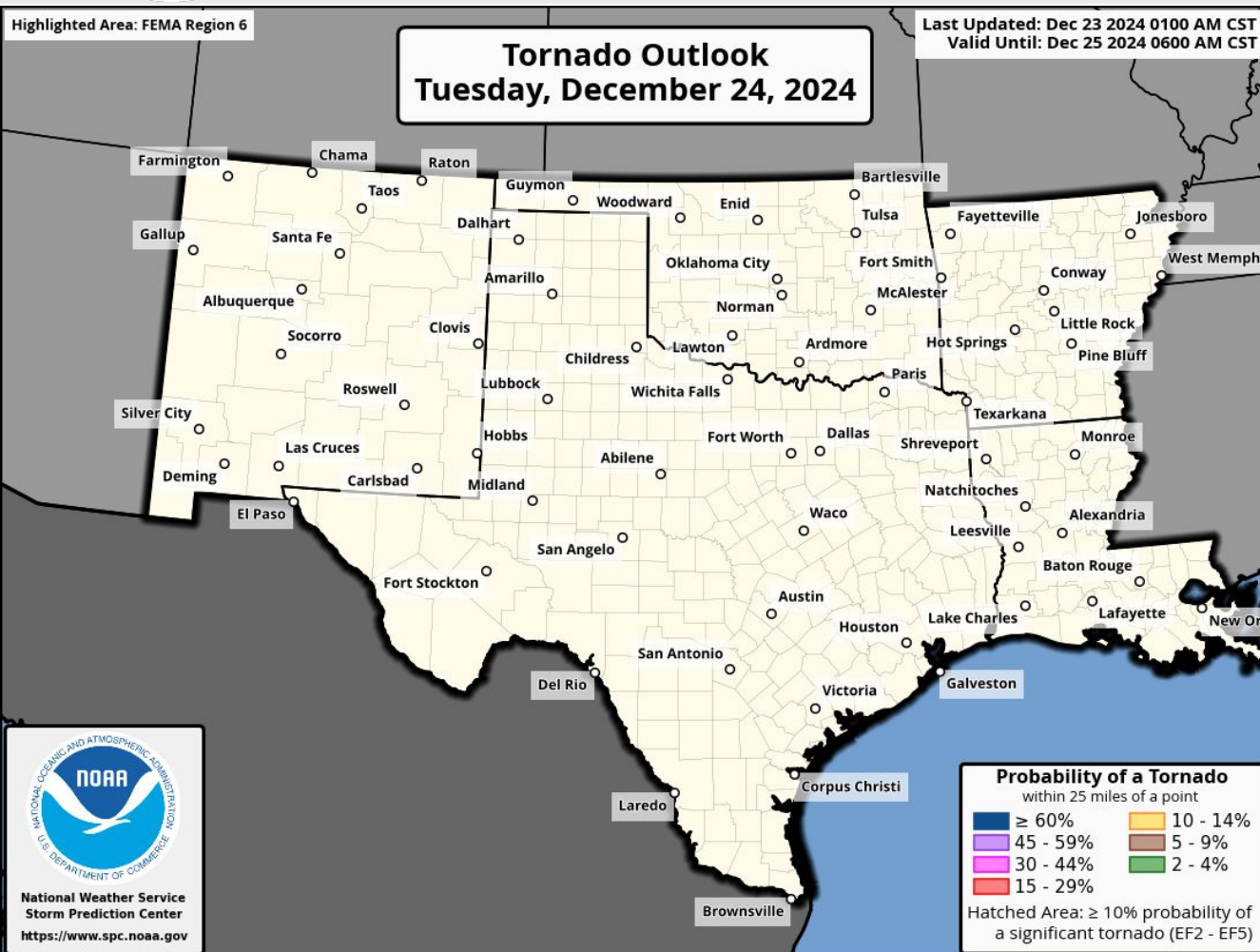
**Marginal risk for severe storms (level 1 out of 5) over S Ctrl/SE TX; damaging winds the main threat**







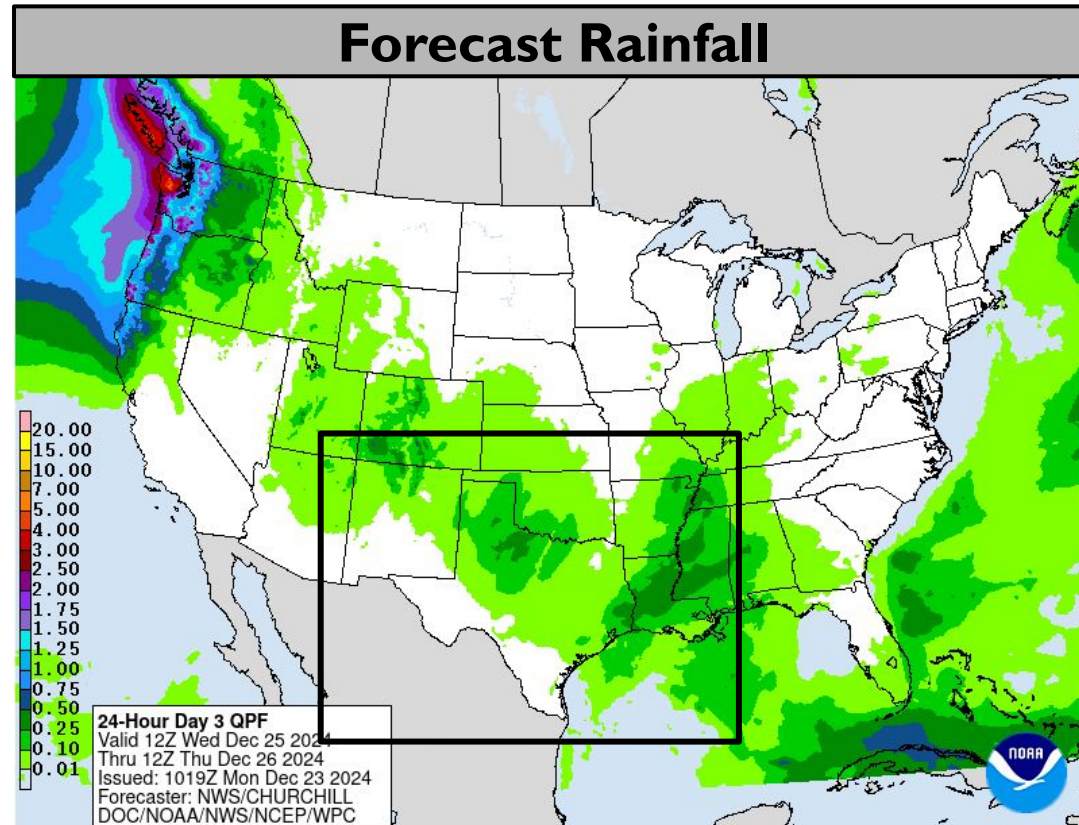
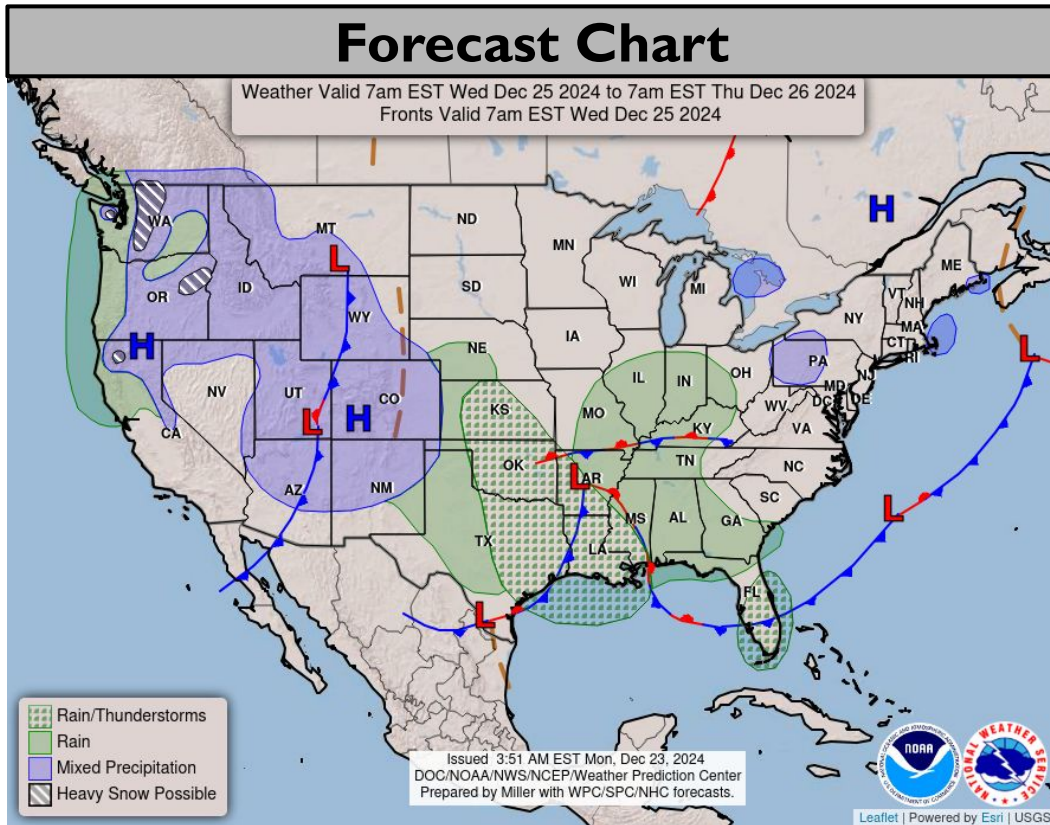
# Tomorrow's Tornado & Severe Wind / Hail Probabilities



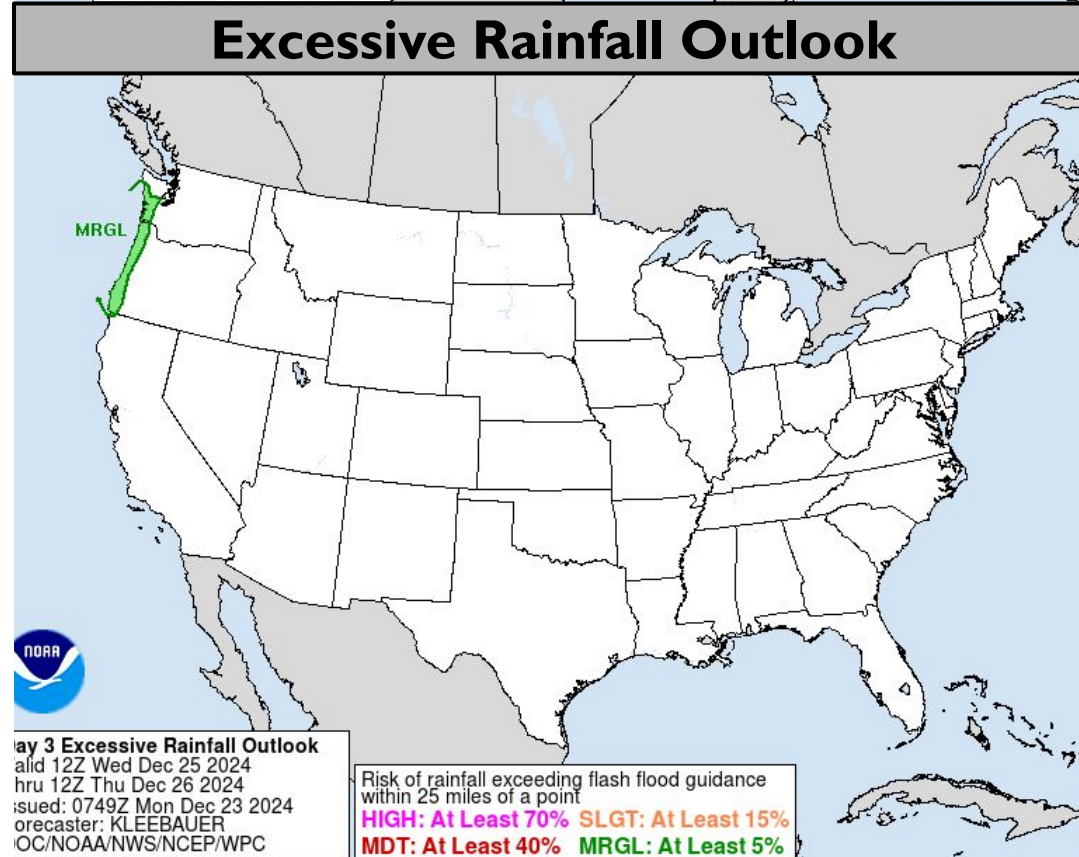
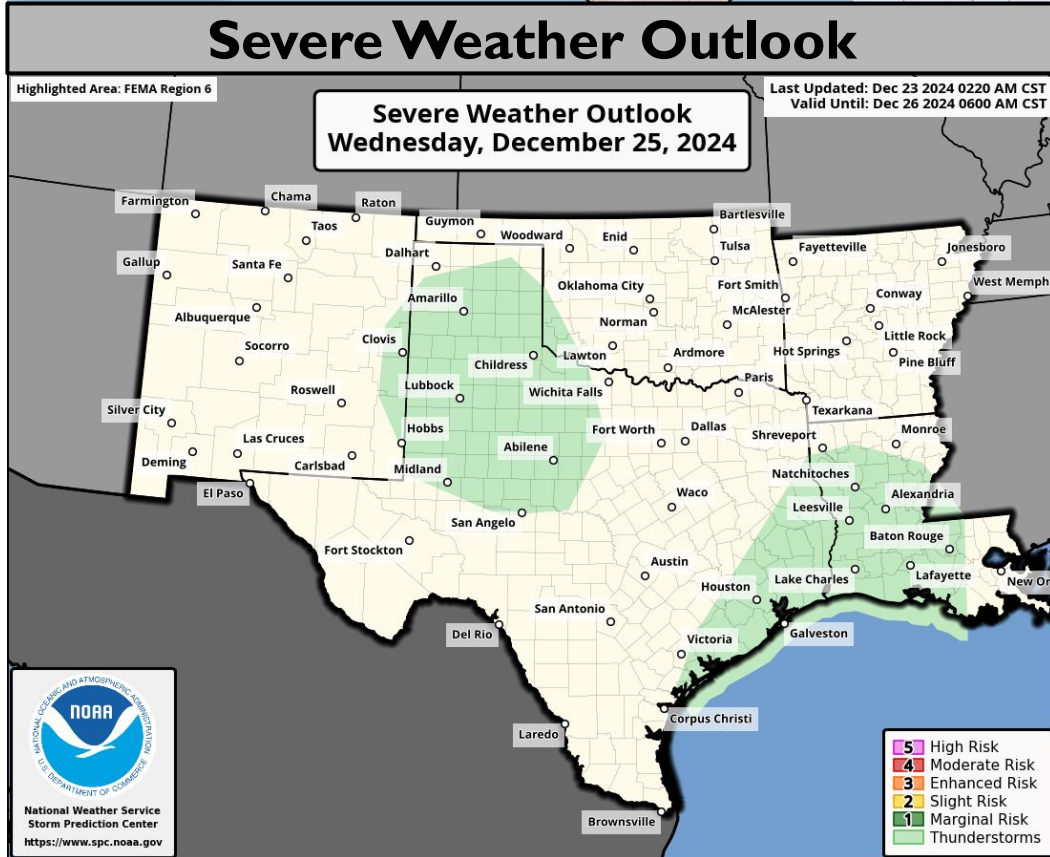




# Wednesday's Weather



**Possible travel impacts late Wednesday above 7000 feet across N/NE NM including I-25 at Raton Pass.**

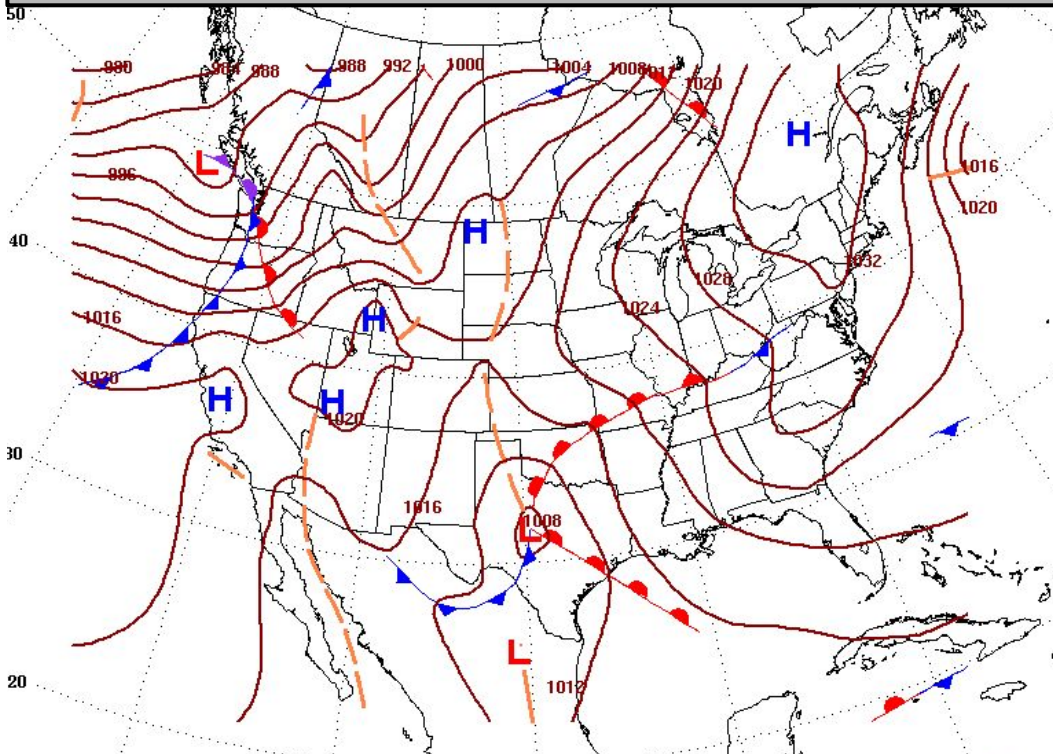




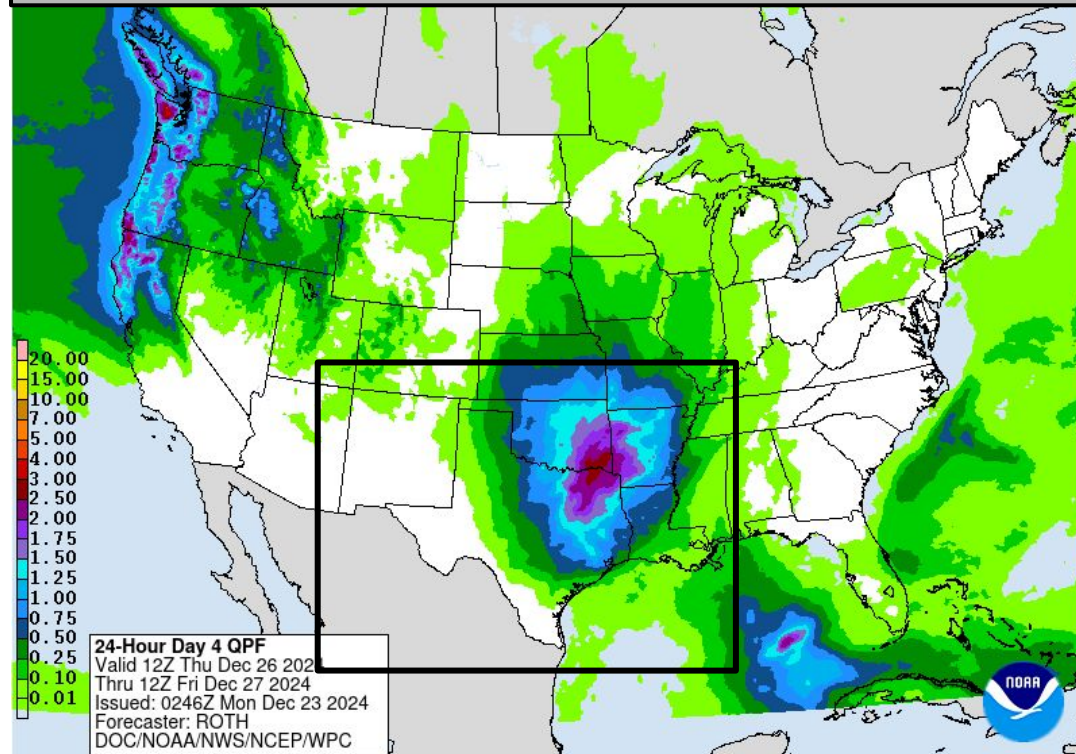


# Thursday's Weather

### Forecast Chart

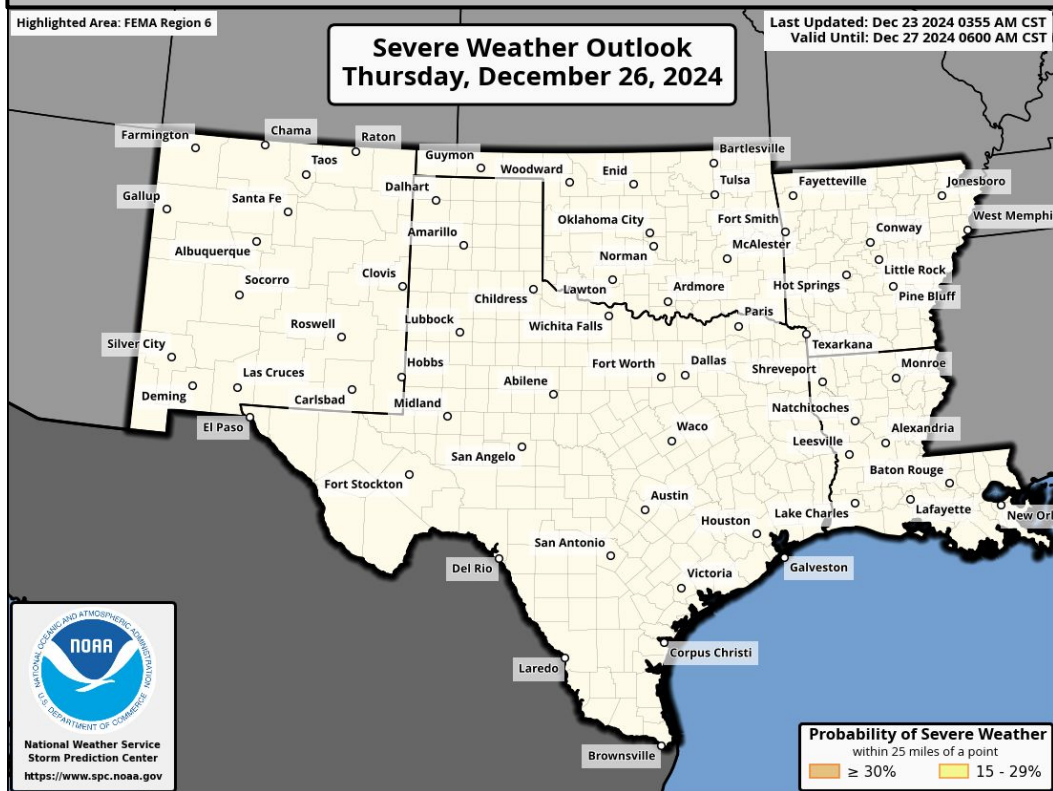


### Forecast Rainfall

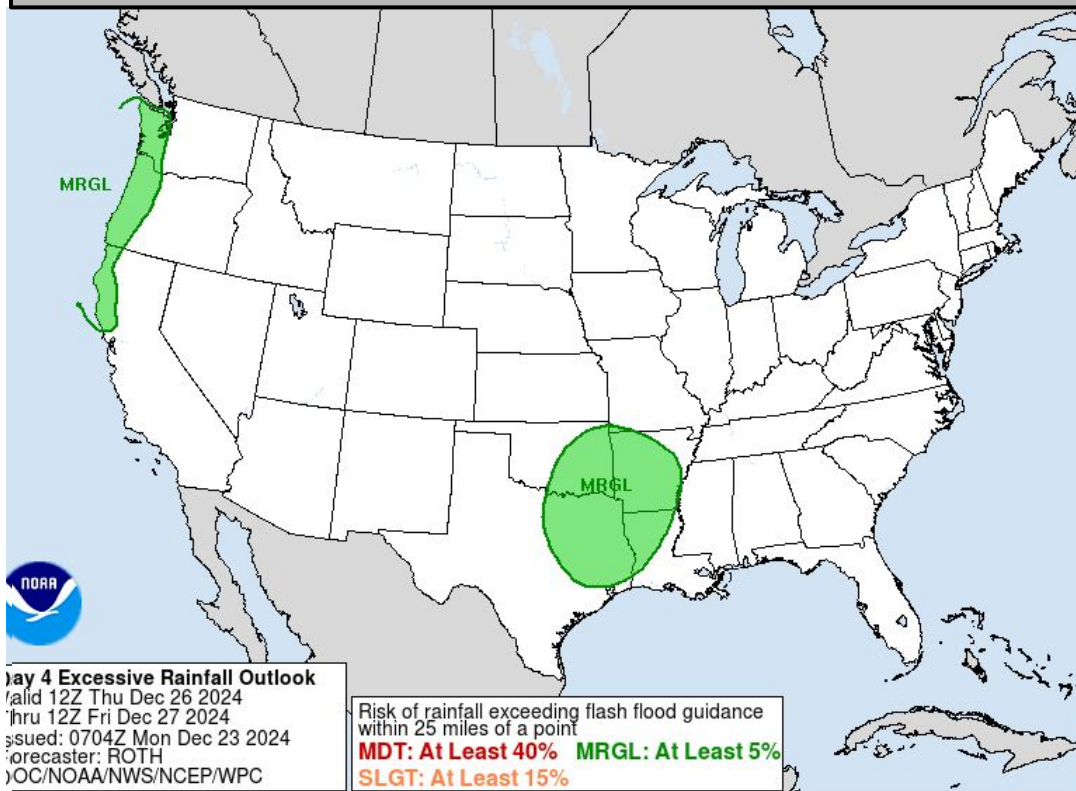


**Marginal risk of excessive rainfall (level 1 out of 4) over E OK, AR, NW LA and N/E/SE TX**

### Severe Weather Outlook



### Excessive Rainfall Outlook

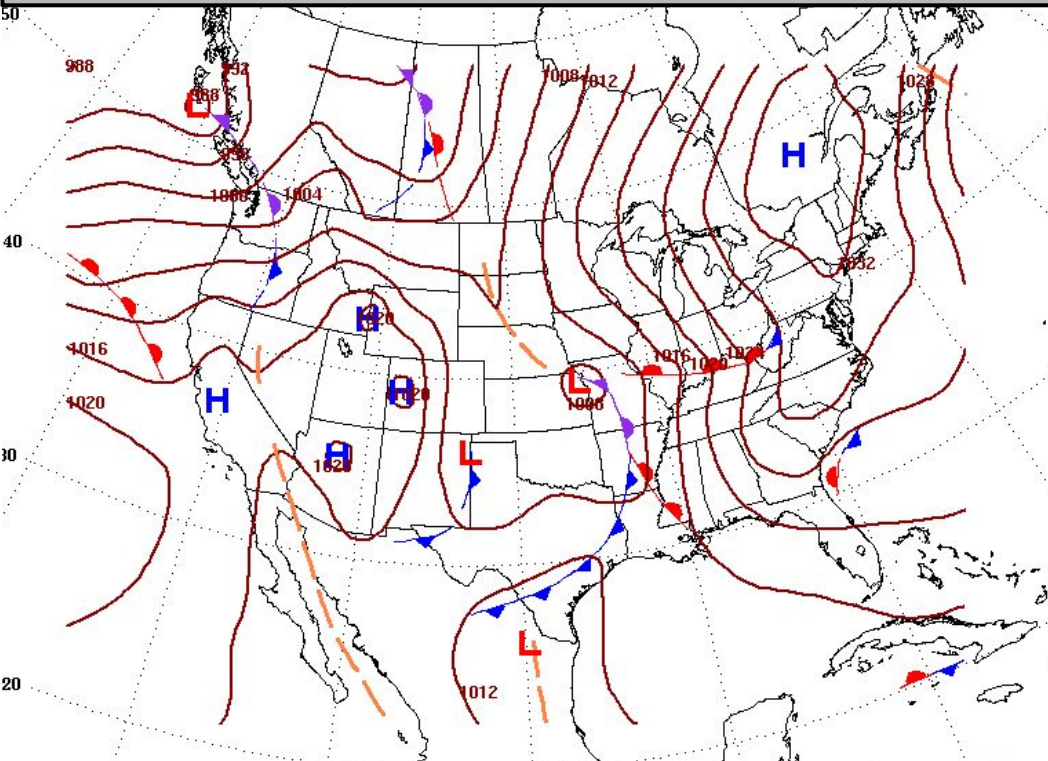




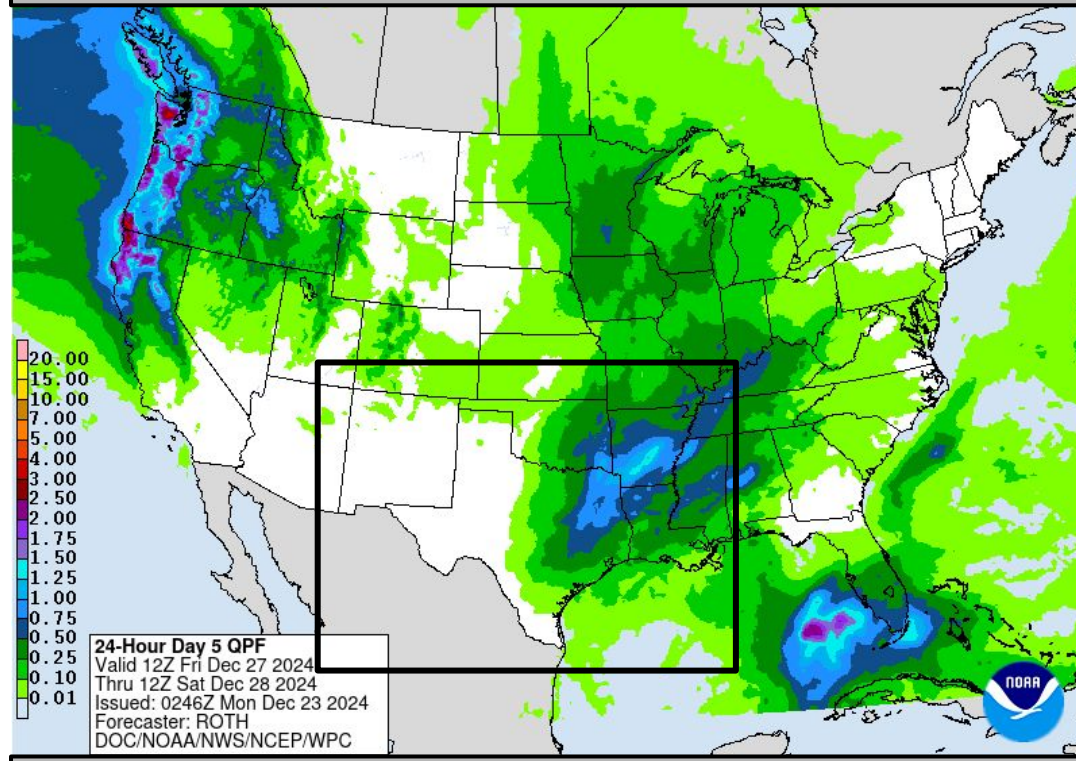


# Friday's Weather

### Forecast Chart

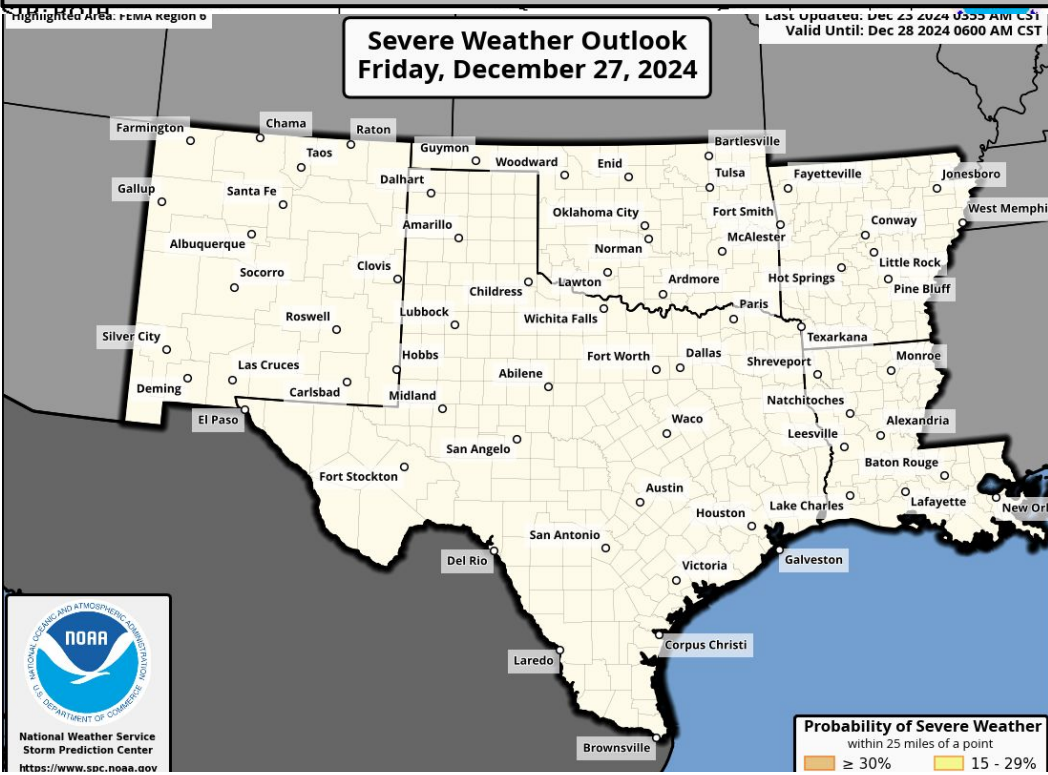


### Forecast Rainfall

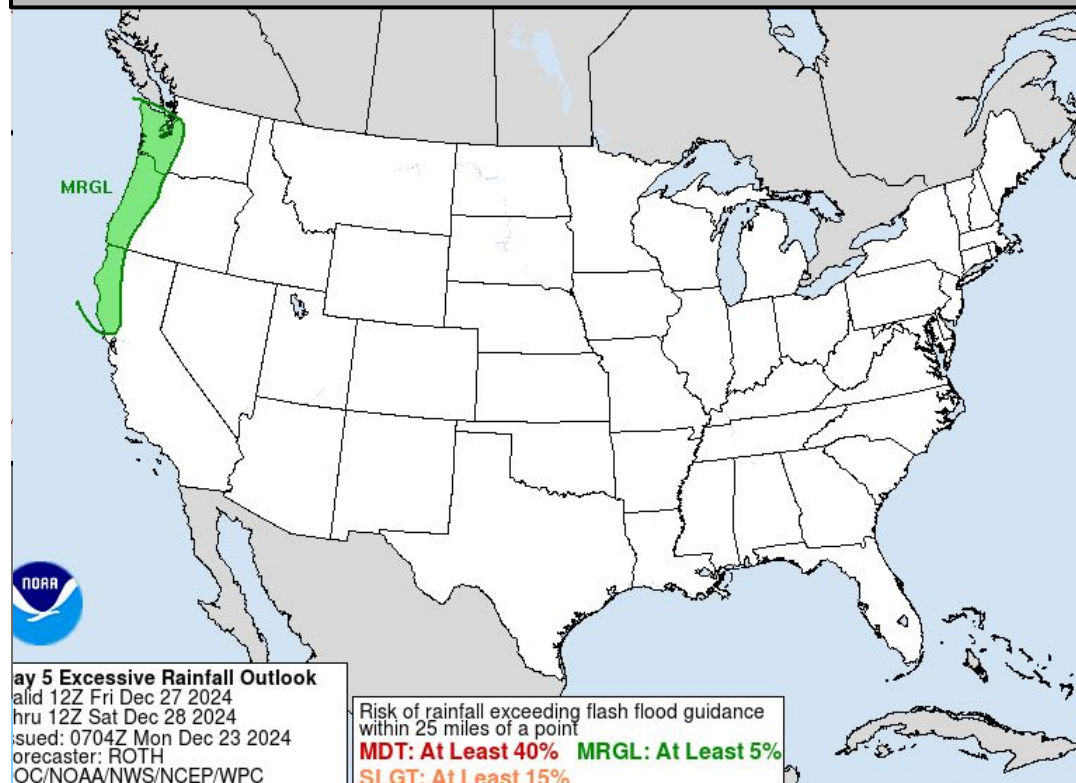


**No significant weather expected.**

### Severe Weather Outlook



### Excessive Rainfall Outlook



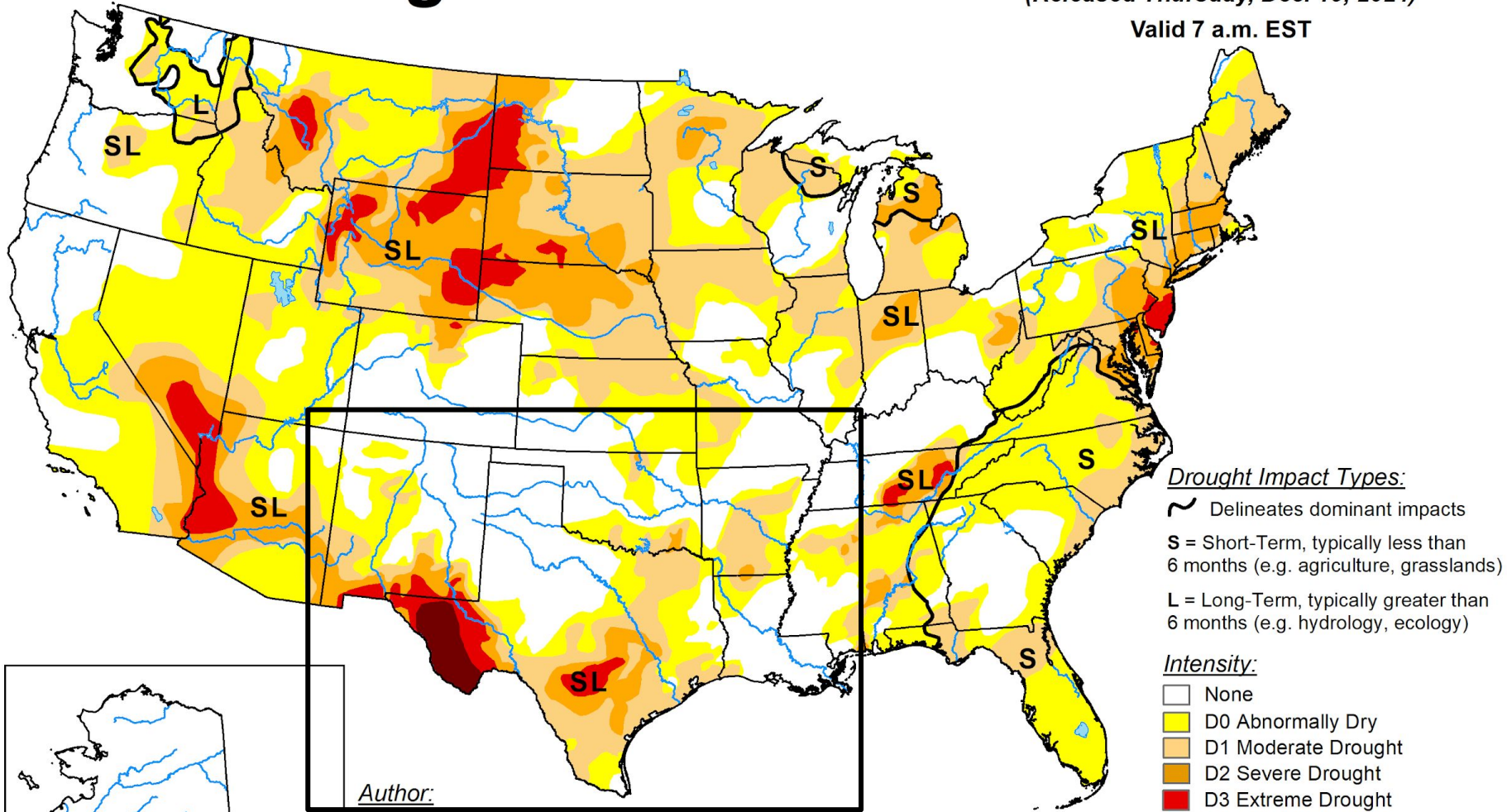




# Drought Monitor

## U.S. Drought Monitor

December 17, 2024  
(Released Thursday, Dec. 19, 2024)  
Valid 7 a.m. EST



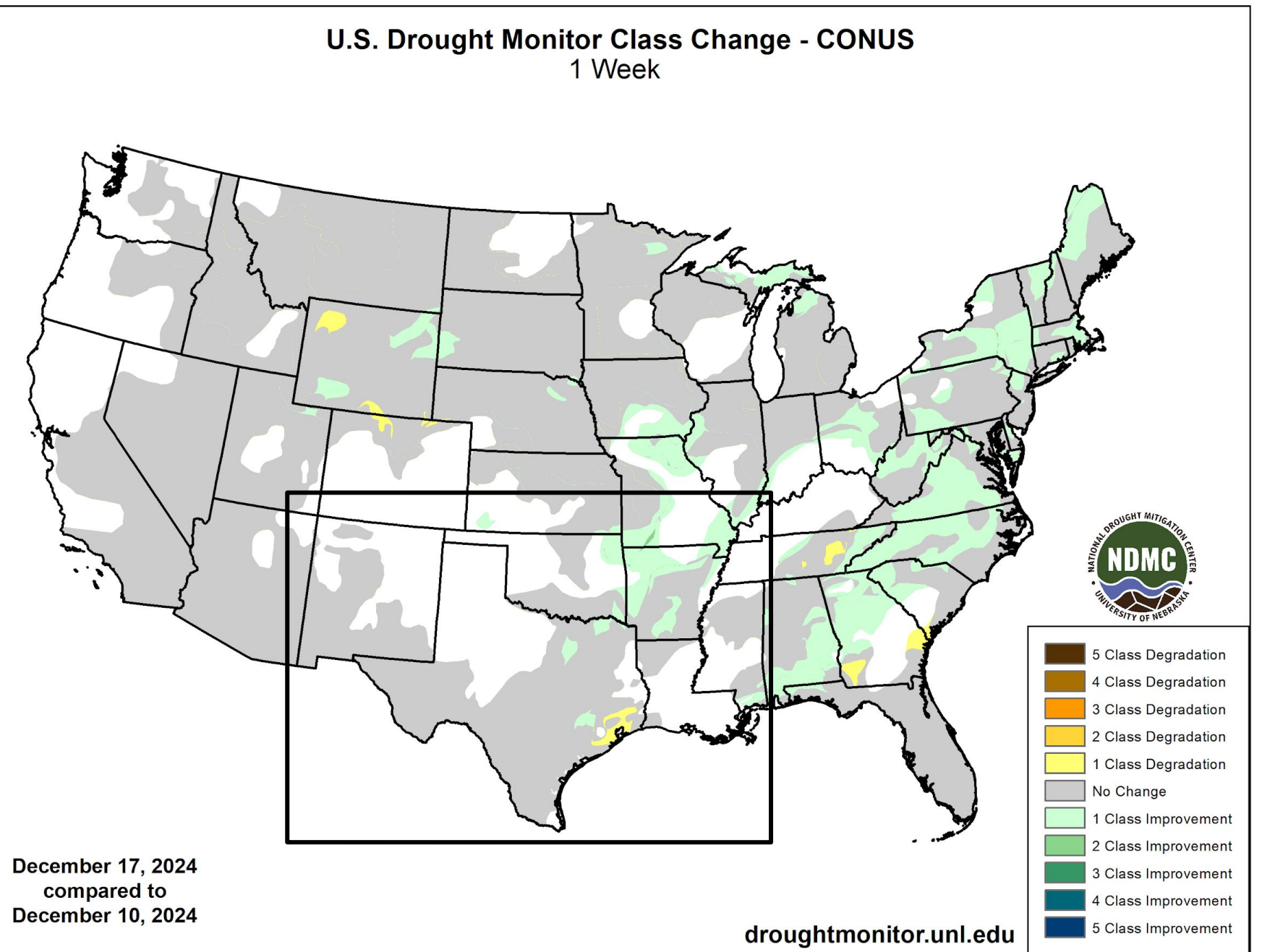
Author:  
Brian Fuchs  
National Drought Mitigation Center

The Drought Monitor focuses on broad-scale conditions.  
Local conditions may vary. For more information on the  
Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>



[droughtmonitor.unl.edu](https://droughtmonitor.unl.edu)

## U.S. Drought Monitor Class Change - CONUS 1 Week



December 17, 2024  
compared to  
December 10, 2024

[droughtmonitor.unl.edu](https://droughtmonitor.unl.edu)



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

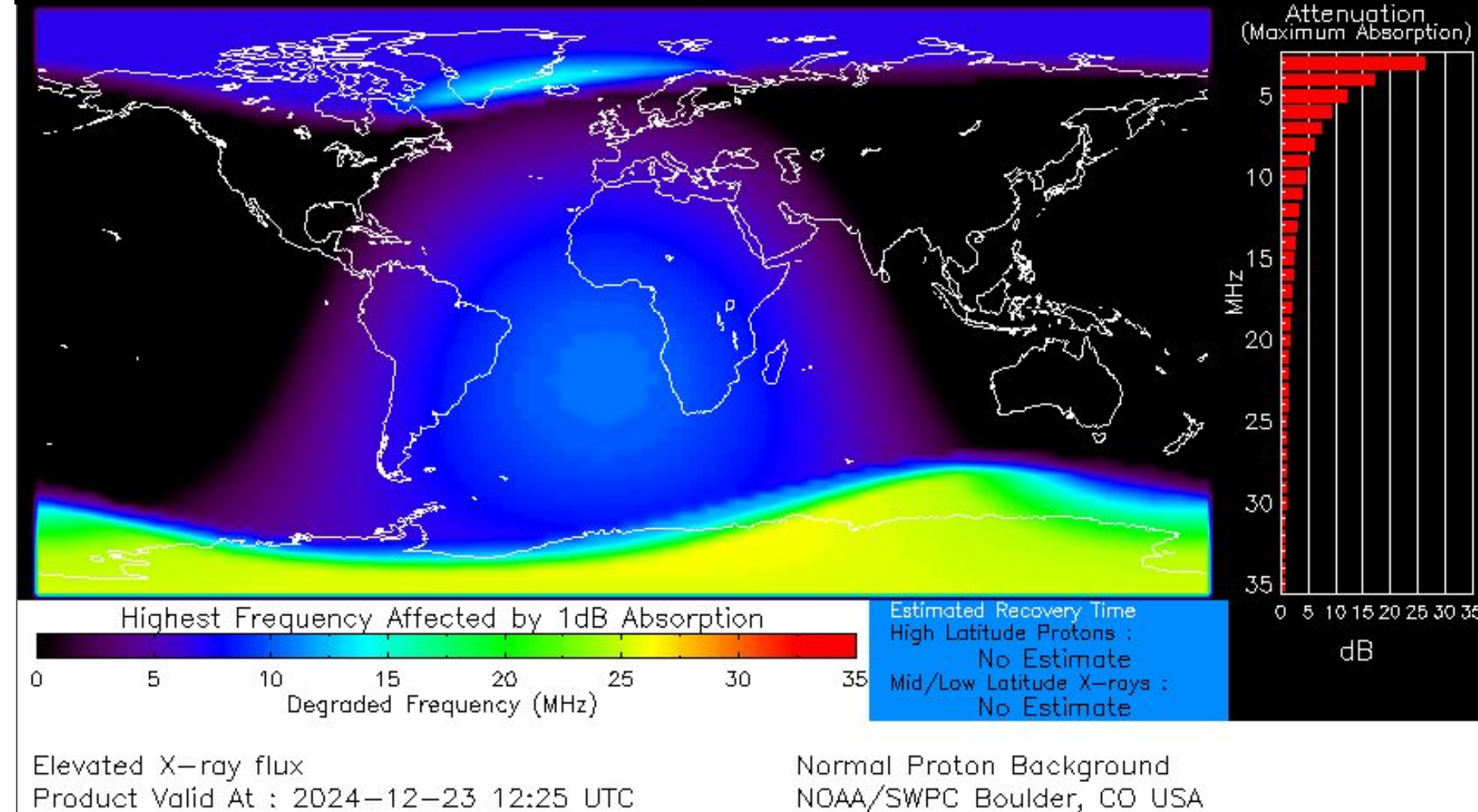
National Weather Service  
Southern Region





# Space Weather 3-Day Forecast

	Monday, Dec 23	Tuesday, Dec 24	Wednesday, Dec 25
<b>Geomagnetic Storms</b>	<b>Unsettled (Max Kp = 3)</b>	<b>Unsettled (Max Kp = 3)</b>	<b>Quiet (Max Kp = 2)</b>
<b>Solar Radiation Storm (S1-S5)</b>	<b>10%</b>	<b>10%</b>	<b>10%</b>
<b>Radio Blackout (R1-R2)</b>	<b>65%</b>	<b>65%</b>	<b>65%</b>
<b>Radio Blackout (R3-R5)</b>	<b>10%</b>	<b>10%</b>	<b>10%</b>



[Description of the Space Weather Storm Scales](#)

[Latest 3-Day Space Weather Forecast](#)

Updated SDO/HMI imagery from NASA is currently unavailable.



## Weather "Threat" Matrix for FEMA Region VI

Color	Definition	Criteria	Example(s)
Green	<p style="text-align: center;"><b>Little to None</b></p> <p>Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines</p>	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> <li>Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees</li> <li>Something that happens almost every day in a particular season such as seabreeze storms in coastal TX</li> </ul>
Yellow	<p style="text-align: center;"><b>Minor</b></p> <p>Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life</p>	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> <li>2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible</li> <li>Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail</li> </ul>
Orange	<p style="text-align: center;"><b>Moderate</b></p> <p>Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life</p>	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> <li>A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely</li> <li>Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail</li> <li>Some large fires reported, burn bans advertised, critical conditions expected</li> </ul>
Red	<p style="text-align: center;"><b>Major</b></p> <p>Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life</p>	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 1 hurricane will be moving towards the NW Gulf in the next few days</li> <li>Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail</li> <li>Large fires ongoing throughout the area with critical fire weather conditions expected to continue</li> </ul>
Purple	<p style="text-align: center;"><b>Extreme</b></p> <p>Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life</p>	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow</li> <li>Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms</li> </ul>

**Criteria for the color codes in this briefing is to the left, please provide any feedback to [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)**





# National Weather Service

Southern Region Headquarters

Regional Operations Center

Fort Worth, TX



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**Twitter:** NWSSouthern



**Web:** [www.weather.gov/srh](http://www.weather.gov/srh)

