



# FEMA



Prepared by  
*Melissa Huffman*

# FEMA Region 6 Weather Threat Briefing

## Wednesday, December 25, 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

- **Multiple systems moving across FEMA 6 through Friday will result in winter, severe, and flash flood hazards; calmer conditions expected this weekend into the middle of next week.**
- **Travel impacts could occur along I-25 from snowfall above 8000 feet in N NM today/tonight.**
- **Thursday has the greatest risk for severe storms and flash flooding over SE OK, AR, Ctr/E TX, W LA. An isolated severe storm threat may linger across LA on Friday.**
- **Minor river flooding will continue in NE AR through the week.**





# FEMA Region 6 Threat Matrix

Next 5 Days

	Wednesday, Dec 25	Thursday, Dec 26	Friday, Dec 27	Saturday, Dec 28	Sunday, Dec 29
Severe Storms		Ctrl/SE/NETX, W LA	LA		
Heavy Rain / Flash Flooding		SE OK, AR, NW LA, E/SETX			
Fire Weather					
Winter Weather	N NM				
River Flooding	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.*

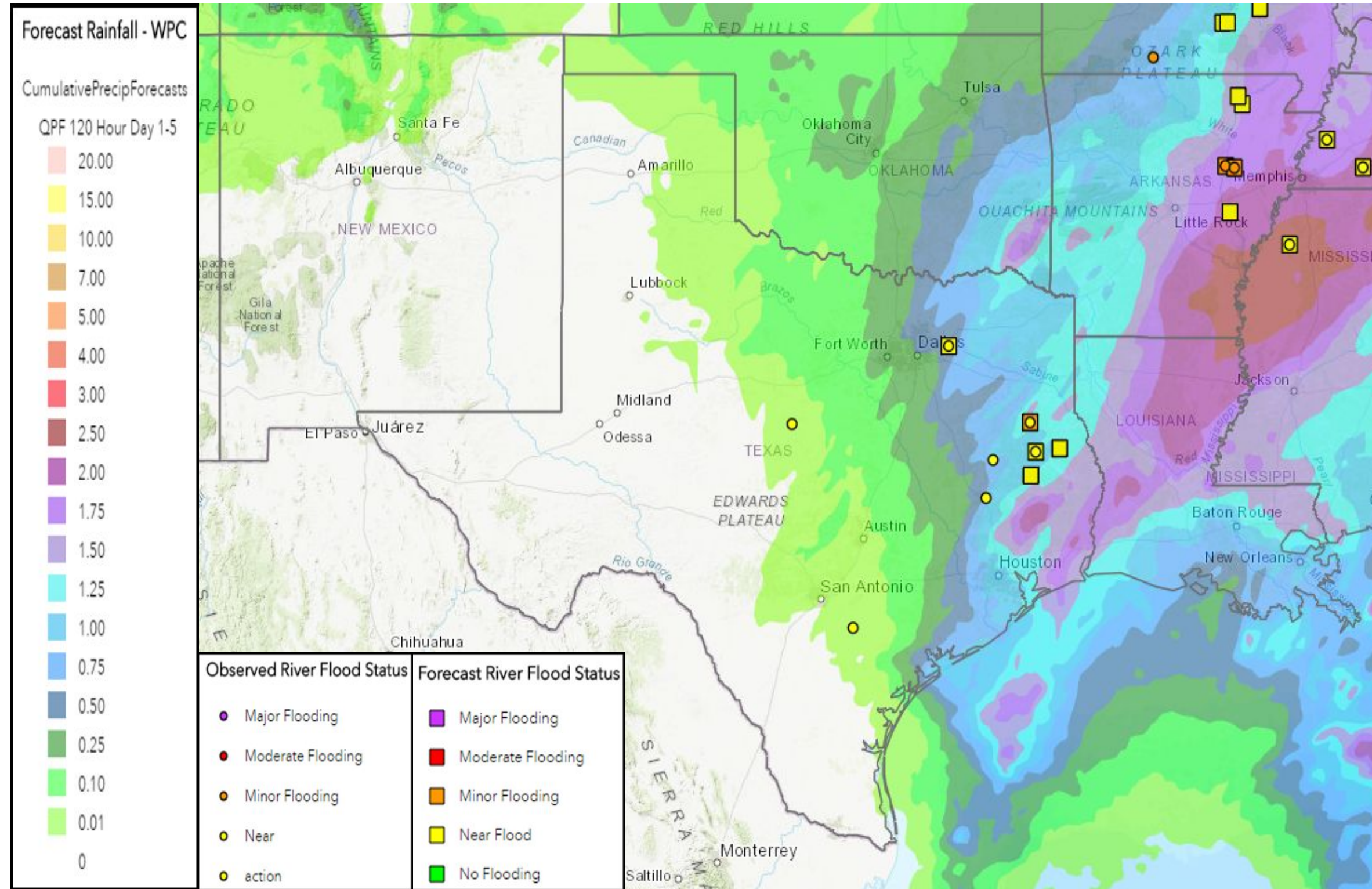
Risk Levels	Little to None	Minor	Moderate	Major	Extreme
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# 5-Day Precipitation Forecast & River Flood Status

*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.**

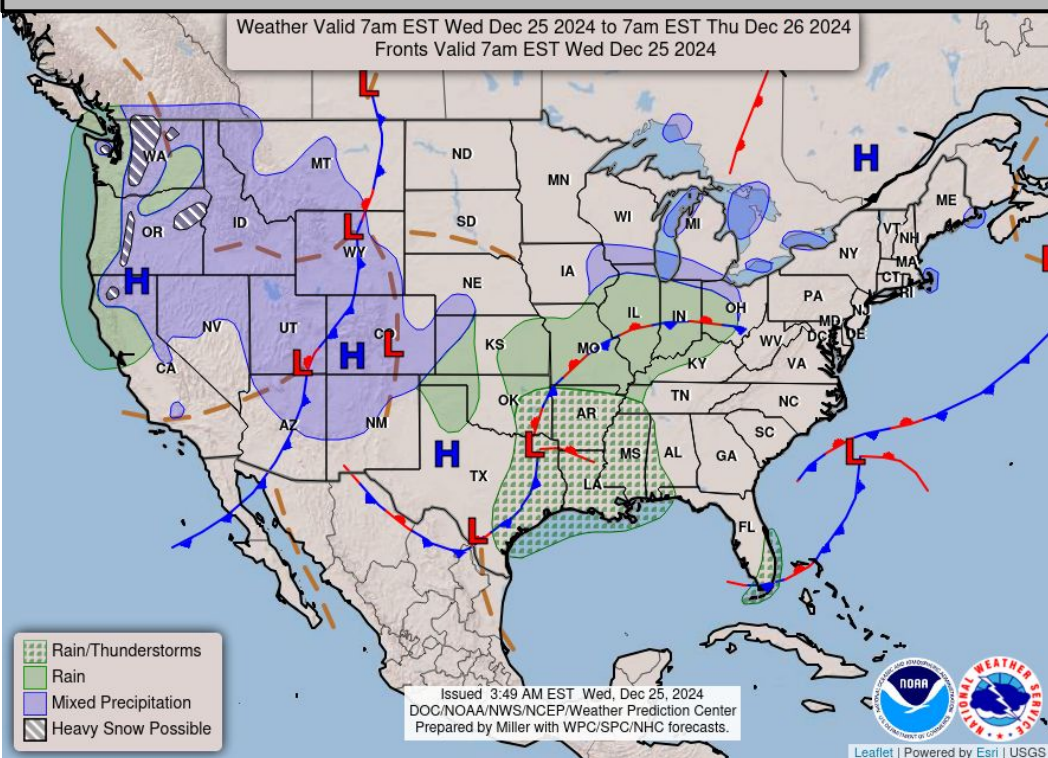
**Rainfall could produce additional minor flooding in E OK, NETX, LA, AR by this weekend.**



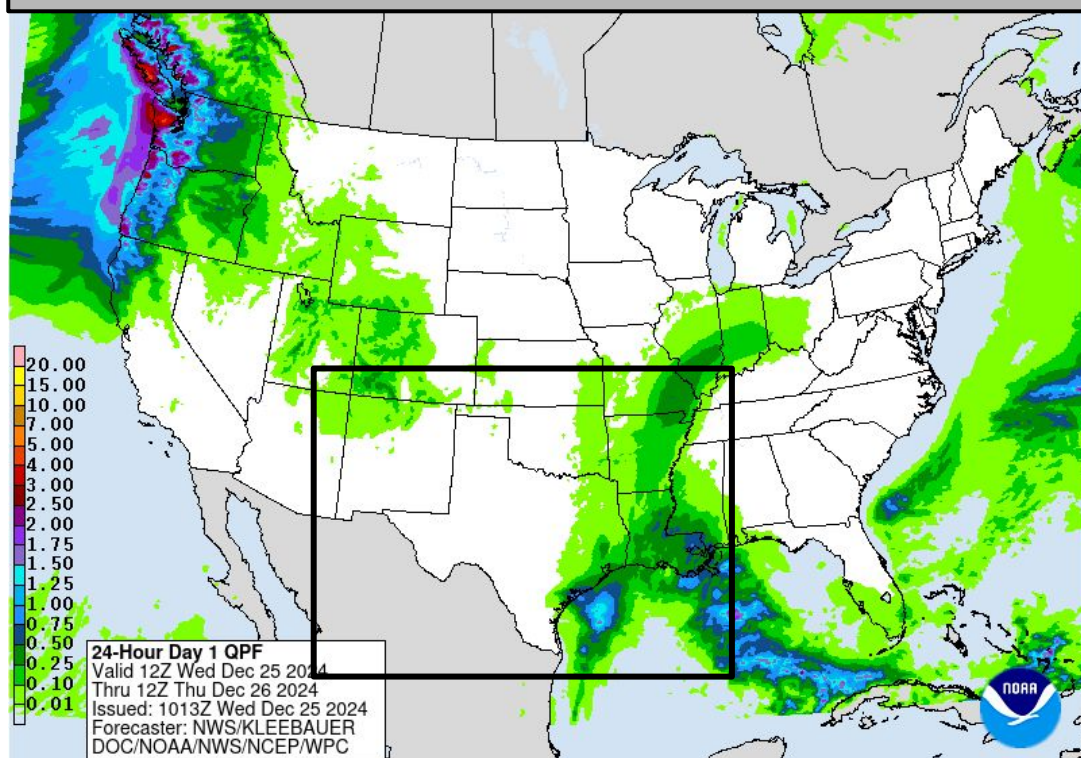


# Today's Weather

## Forecast Chart

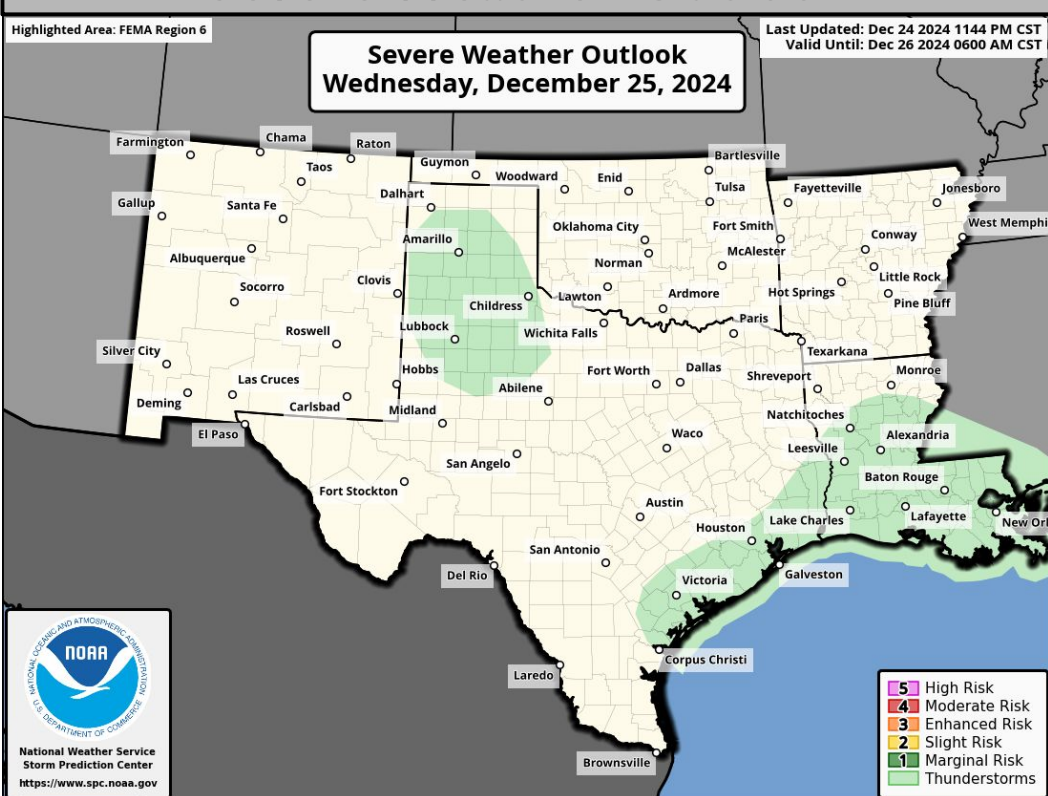


## Forecast Rainfall

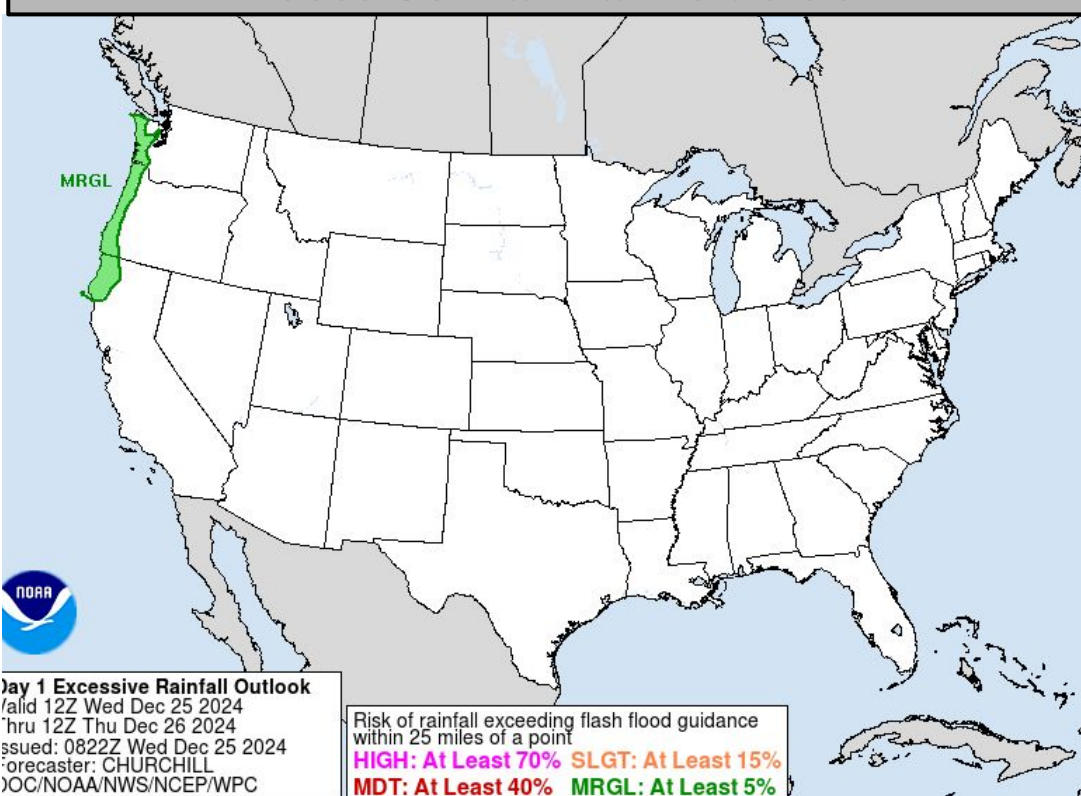


**Possible travel impacts along I-25  
from light snow above 8000 feet  
across N NM.**

## Severe Weather Outlook



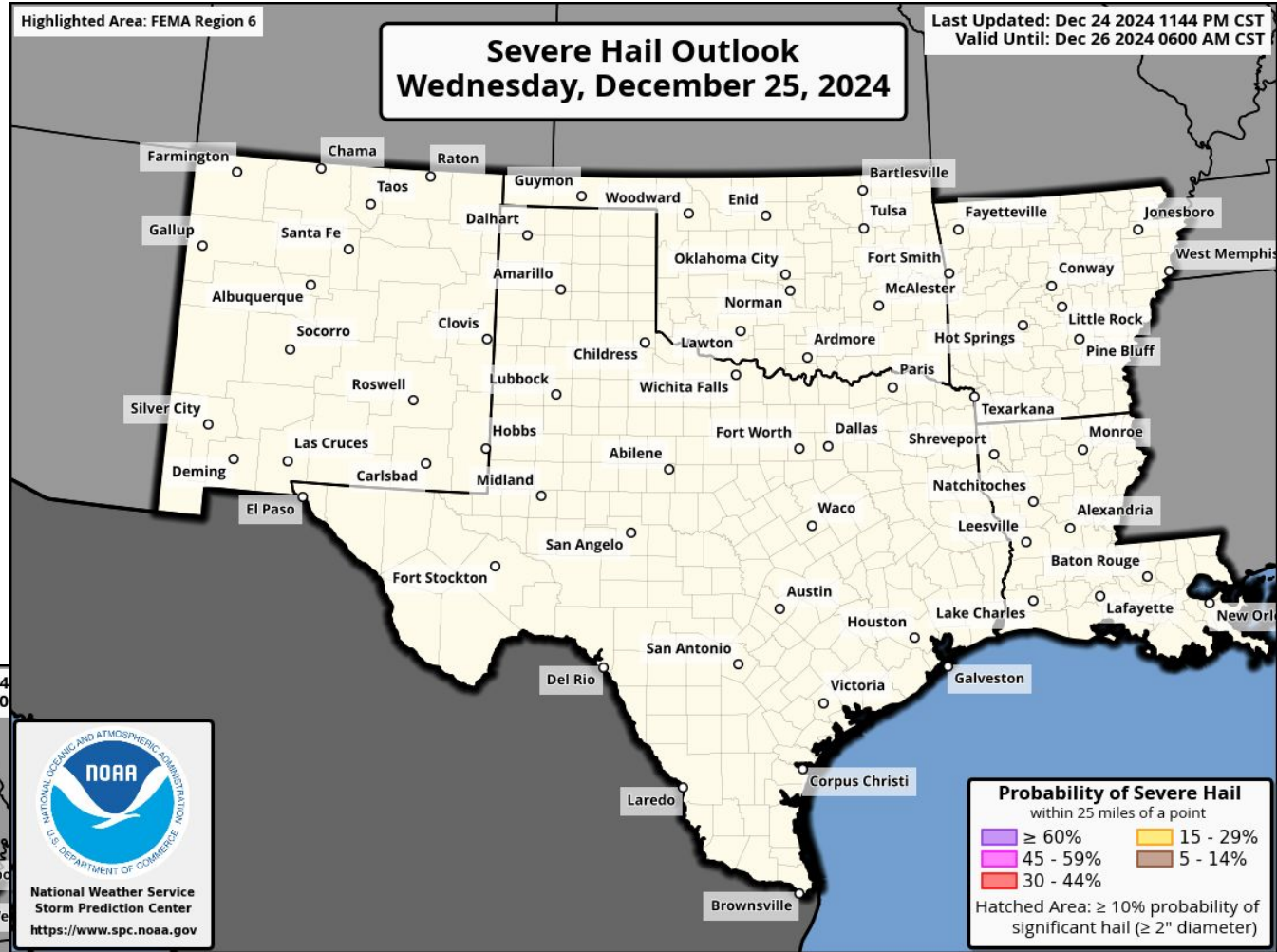
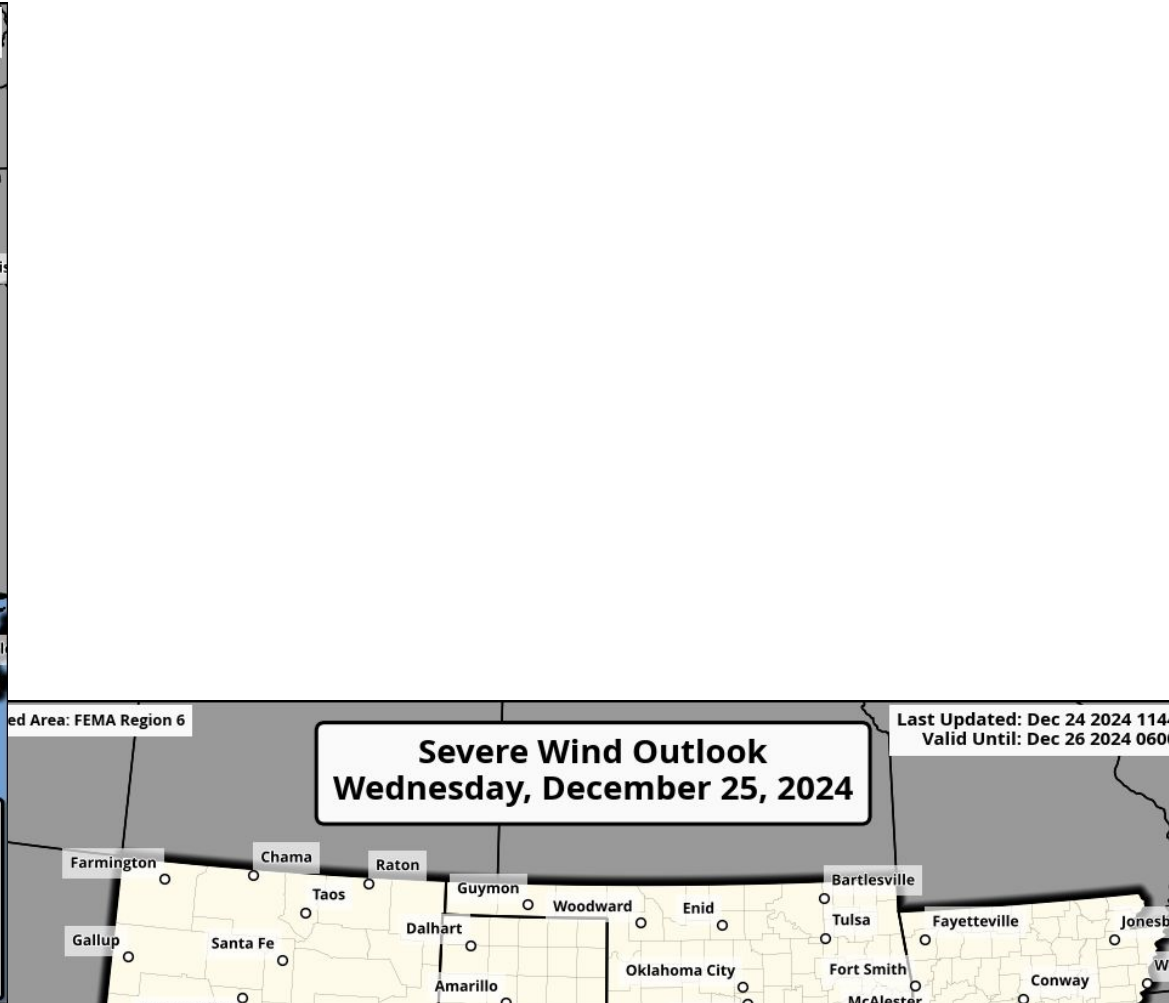
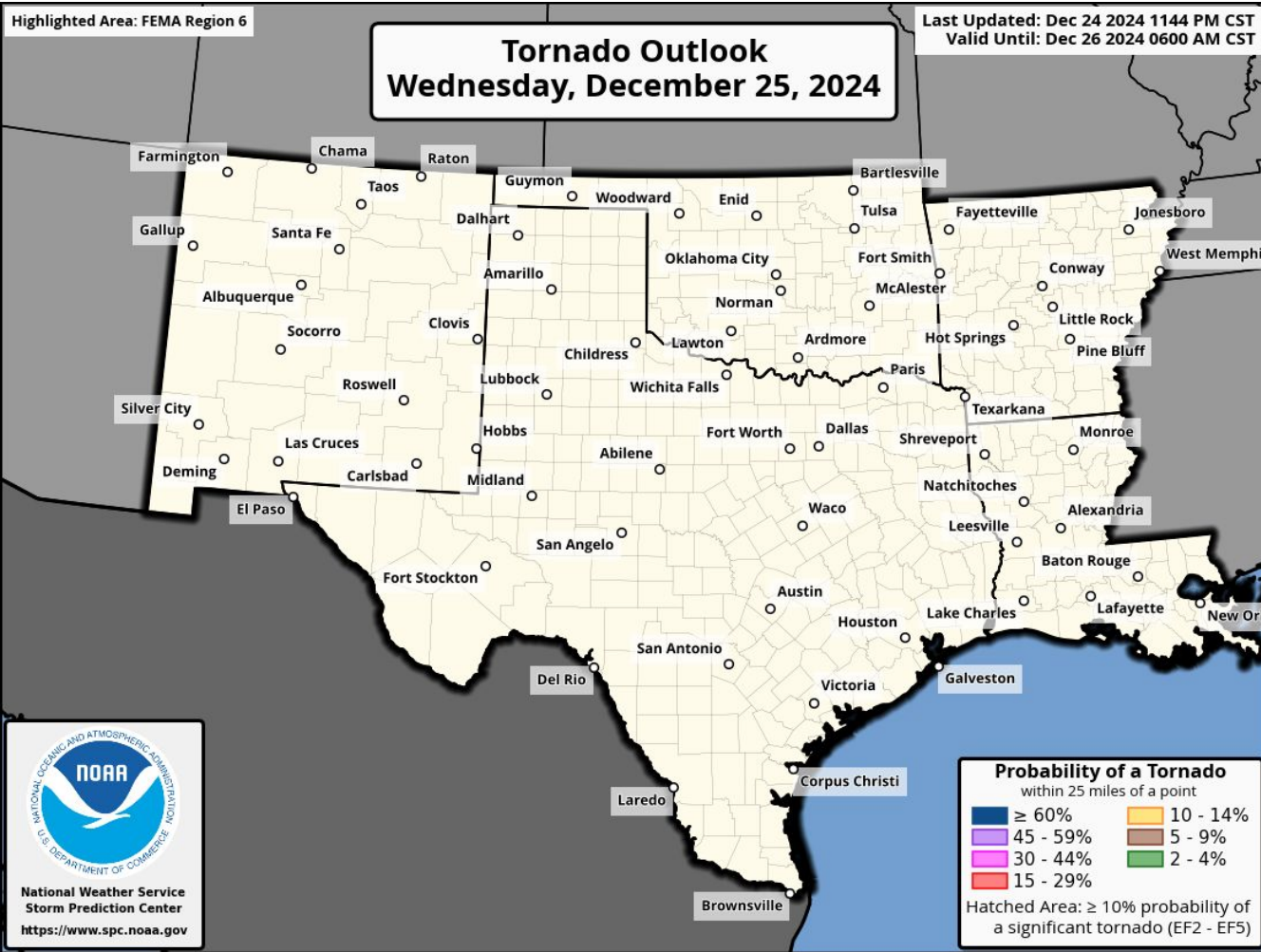
## Excessive Rainfall Outlook







# Today's Tornado & Severe Wind / Hail Probabilities





# Winter Weather

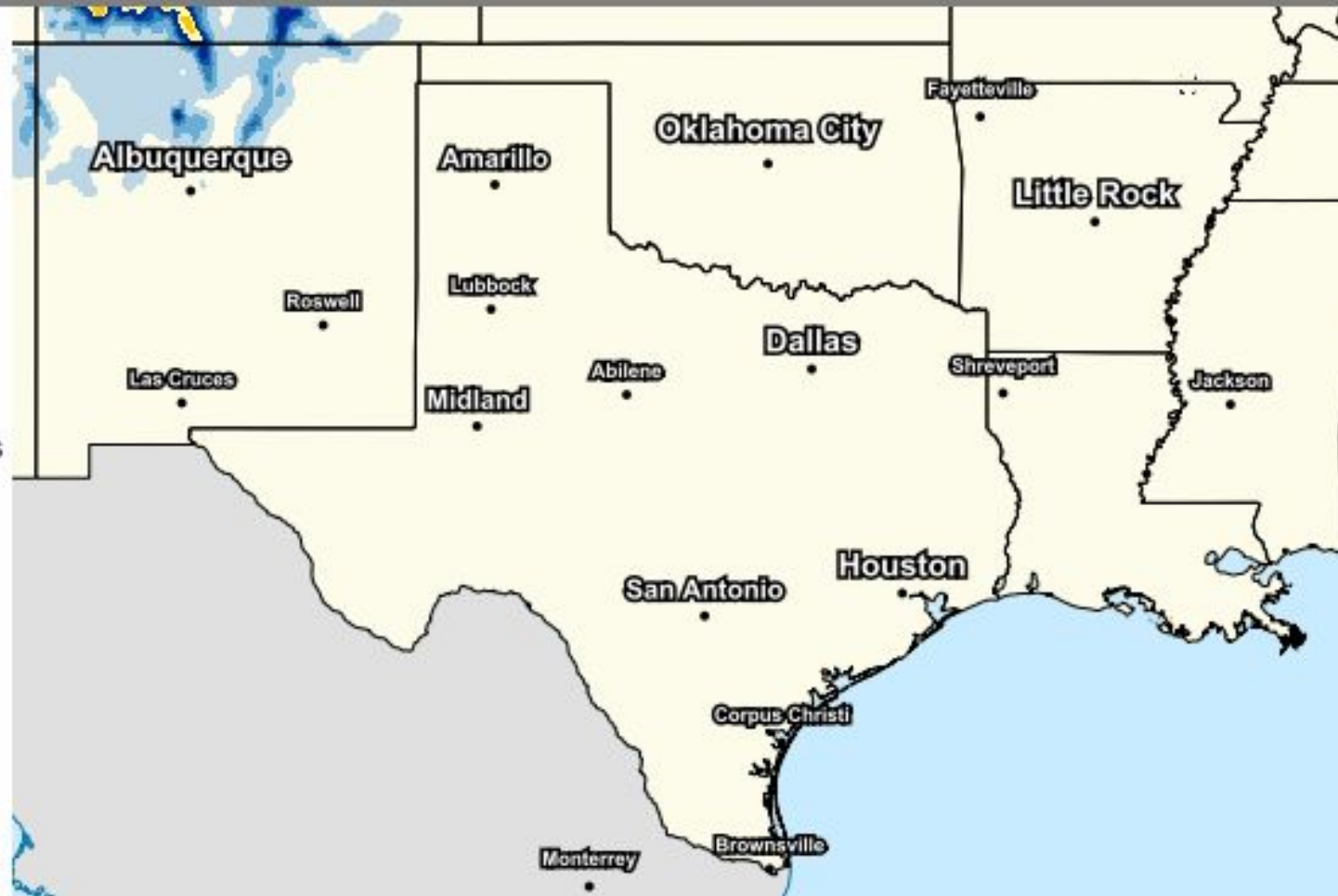
Through the next 3 days



## Forecast Snowfall

Valid Ending Saturday December 28th, 2024 at 6 AM CST

- Less than an inch
- 1 to 2 inches
- 2 to 3 inches
- 3 to 4 inches
- 4 to 6 inches
- 6 to 8 inches
- 8 to 12 inches
- 12 to 18 inches
- 18 to 24 inches
- 24 to 30 inches
- 30 to 36 inches
- Greater than 36 inches



Graphic Created  
December 25th, 2024  
5:20 AM CST



## Ice Accumulation Forecast

Valid Ending Saturday December 28th, 2024 at 6 AM CST

- 0.01 to 0.10 inch
- 0.10 to 0.25 inch
- 0.25 to 0.50 inch
- 0.50 to 0.75 inch
- 0.75 to 1.0 inch
- 1.0 to 2.0 inch
- Greater than 2.0 inch



Graphic Created  
December 25th, 2024  
5:20 AM CST

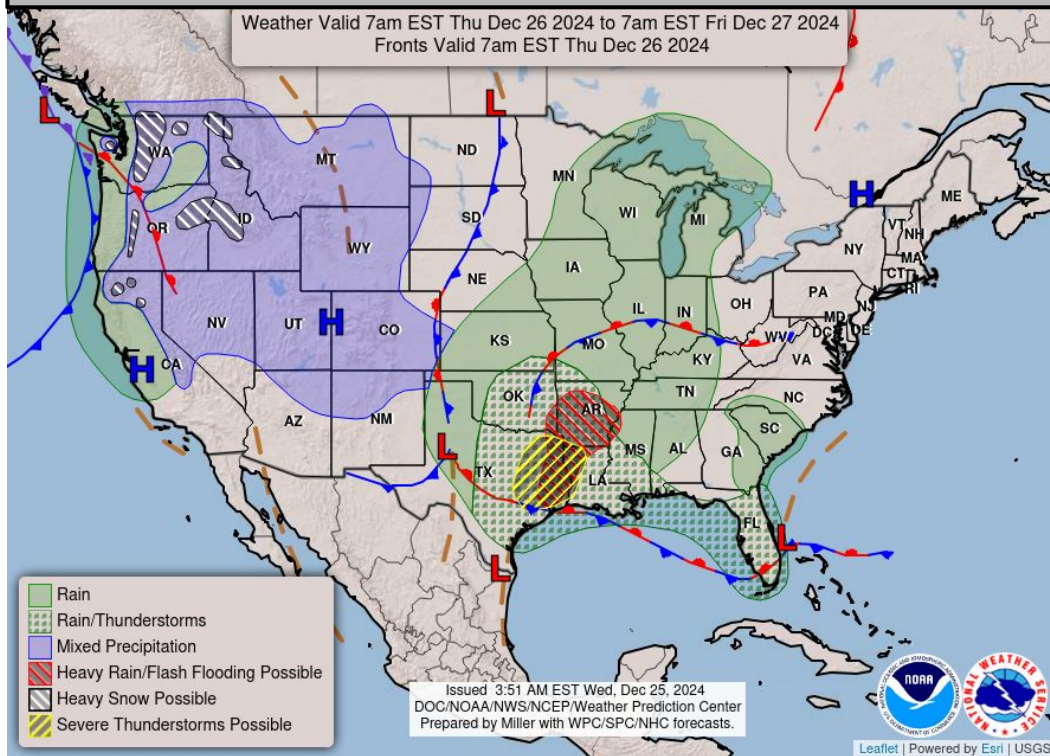




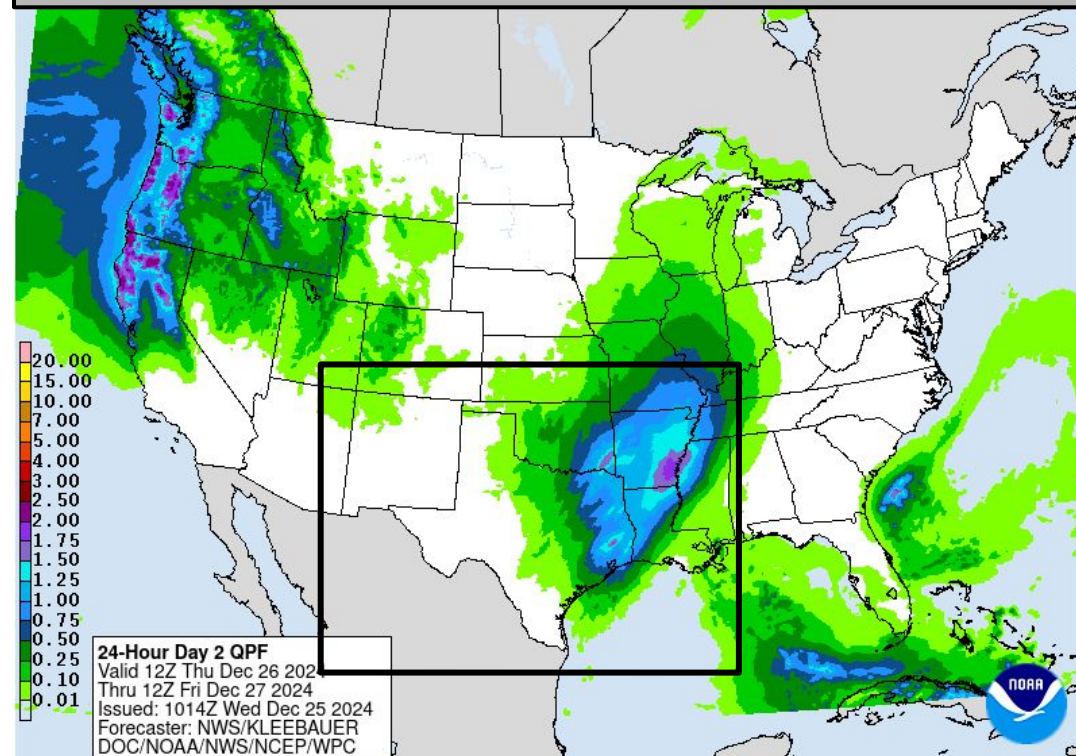


# Tomorrow's Weather

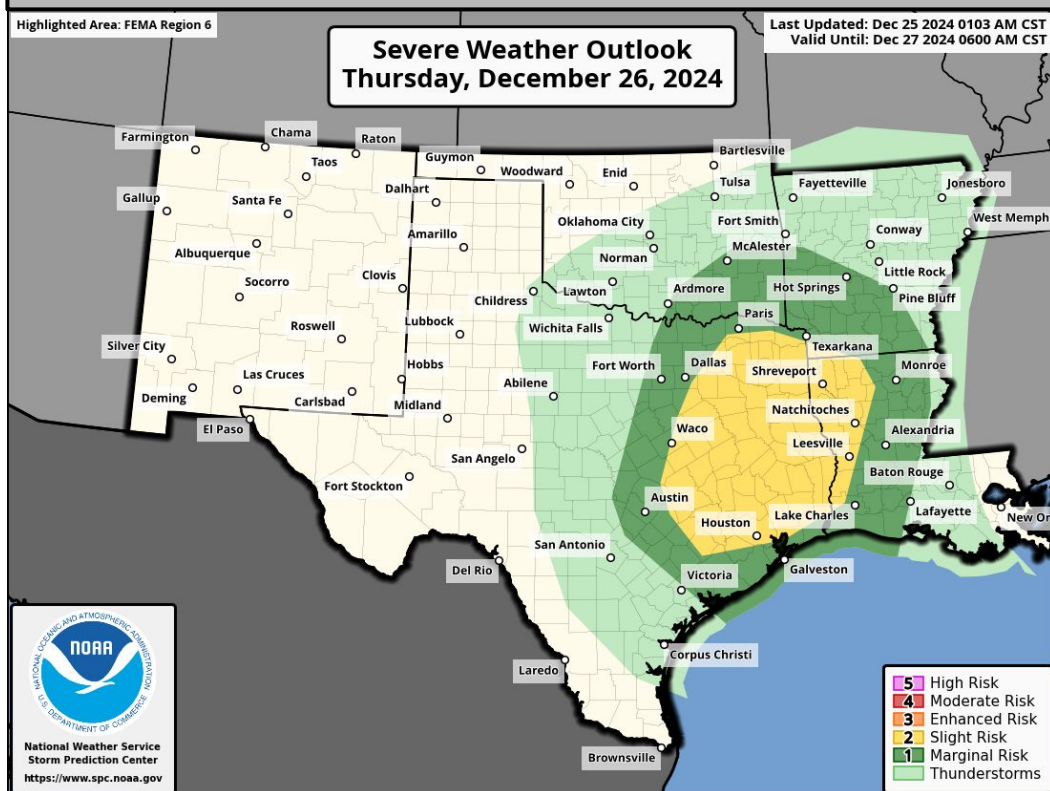
## Forecast Chart



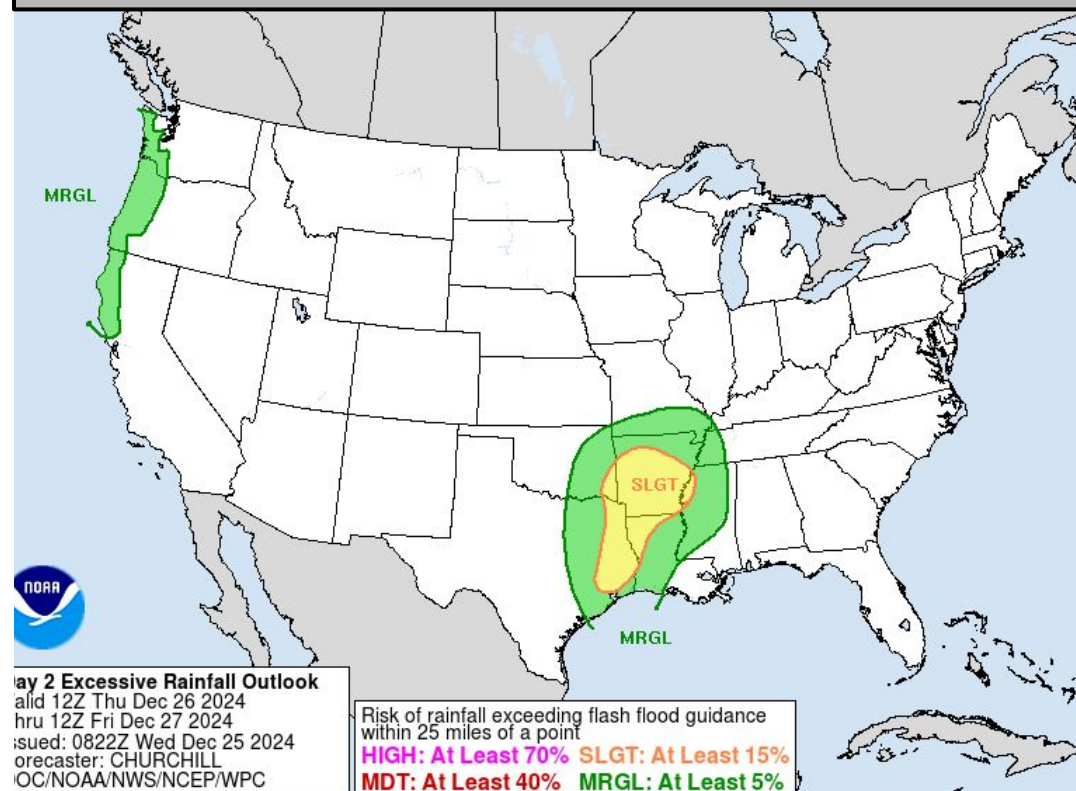
## Forecast Rainfall



## Severe Weather Outlook



## Excessive Rainfall Outlook



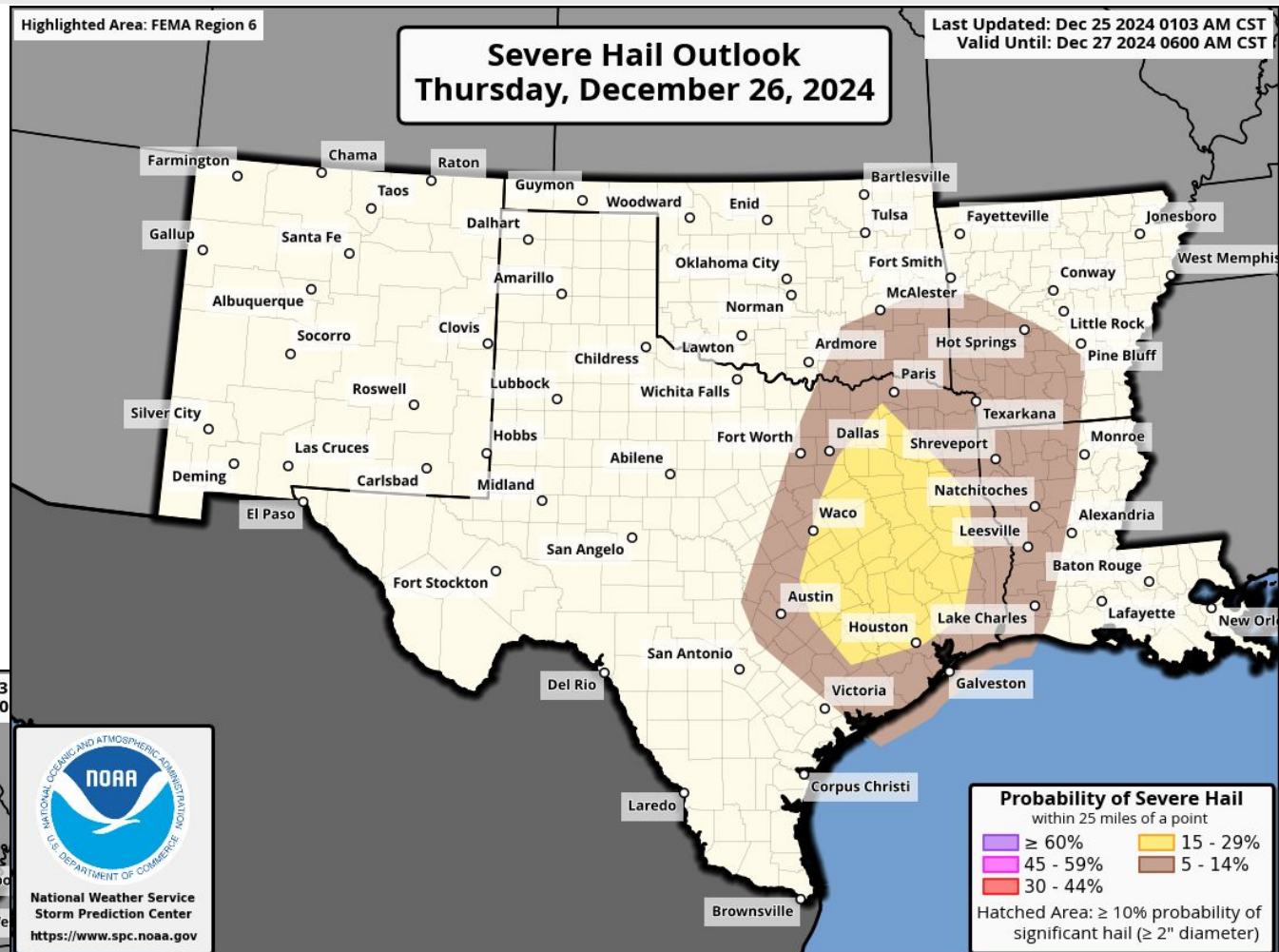
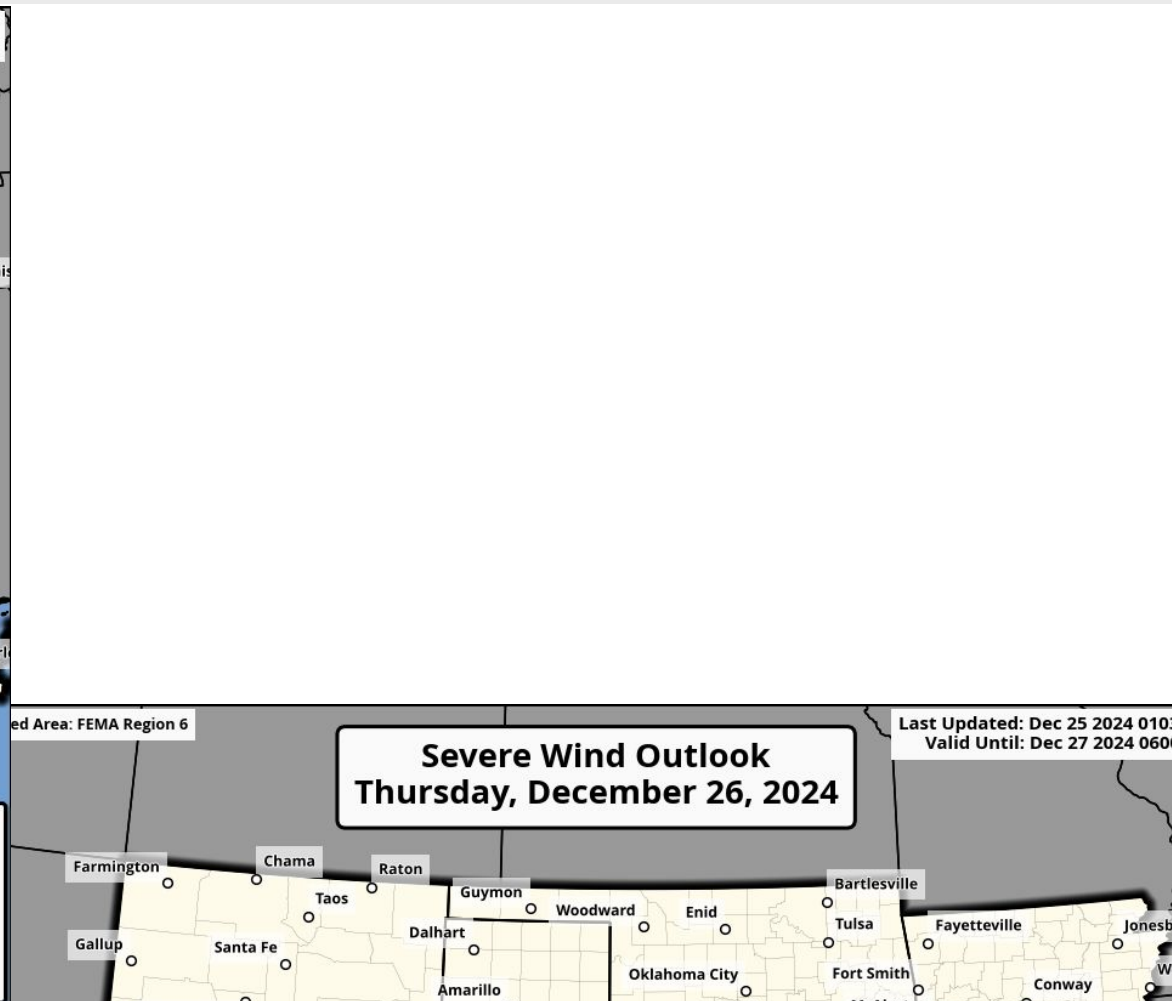
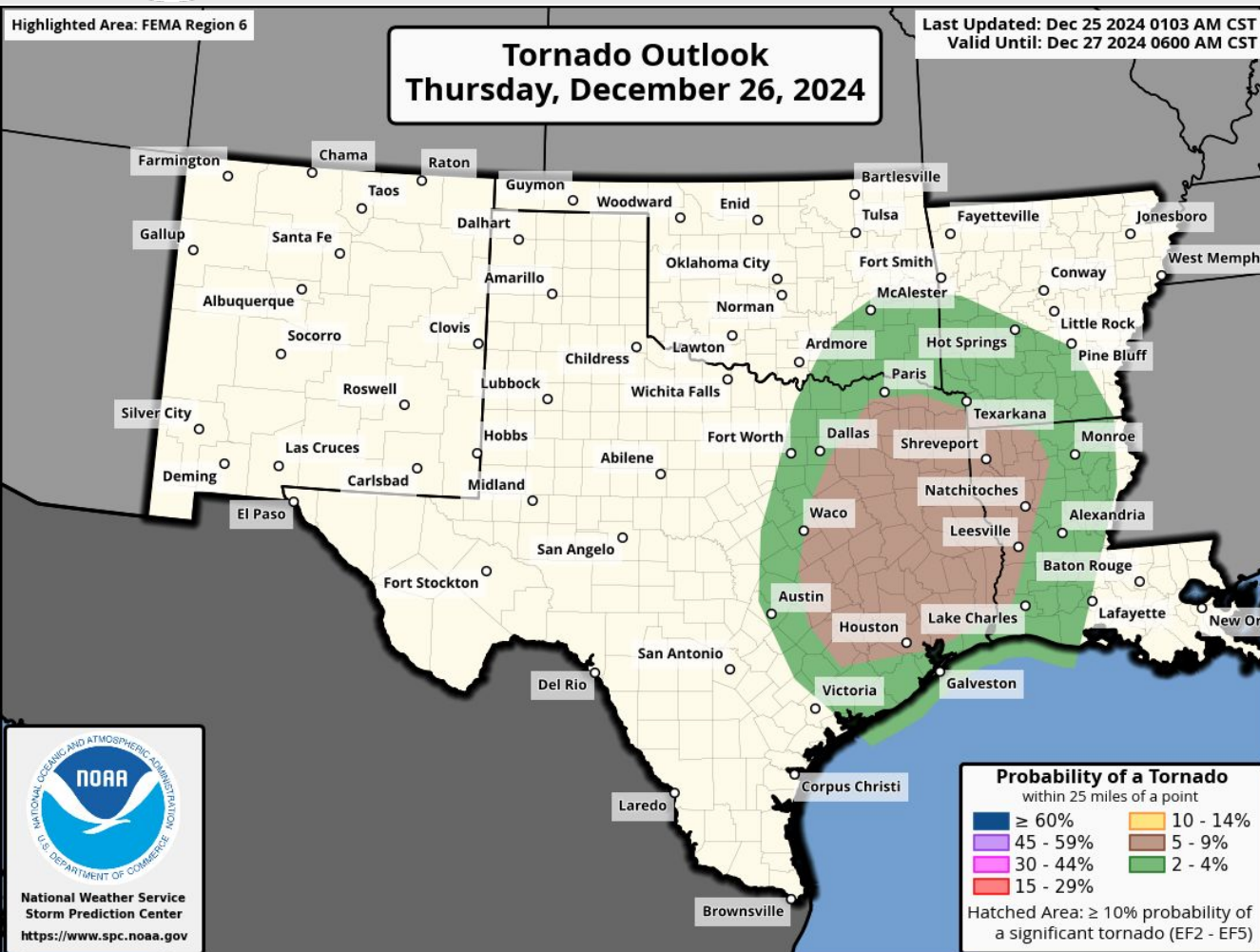
**Slight risk for severe storms (level 2 out of 5) over Ctr/SE/NETX, W LA; threats include isolated tornadoes, damaging winds, large hail**

**Slight risk of excessive rainfall (level 2 out of 4) over SE OK, AR, NW LA and E/SETX**





# Tomorrow's Tornado & Severe Wind / Hail Probabilities

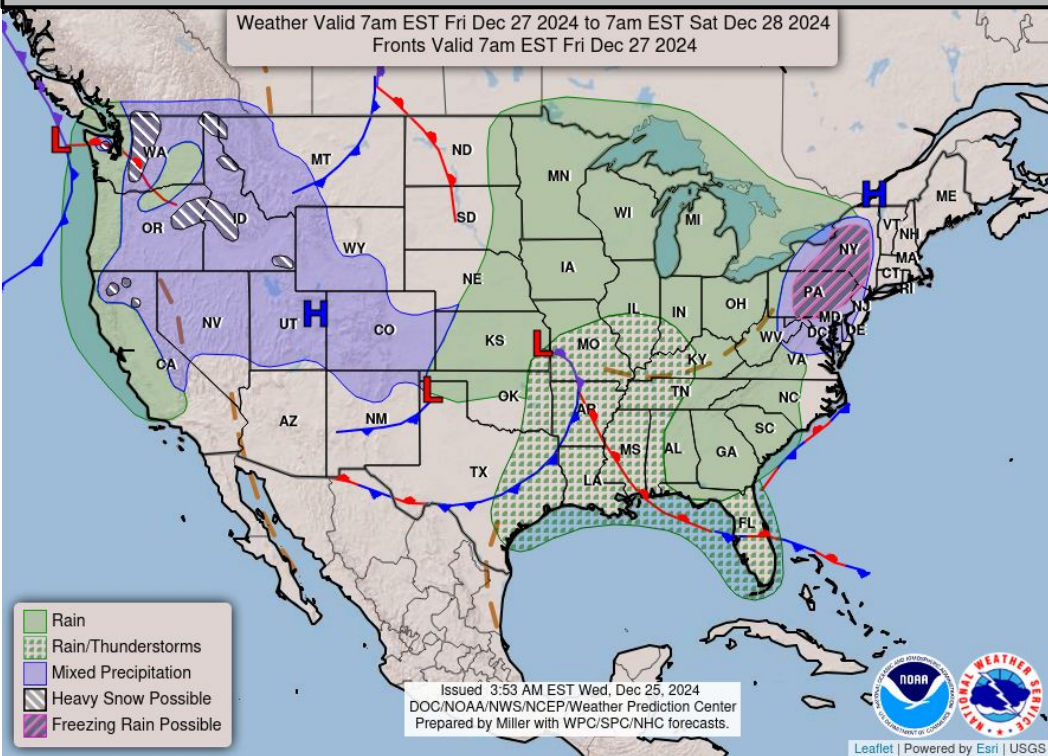




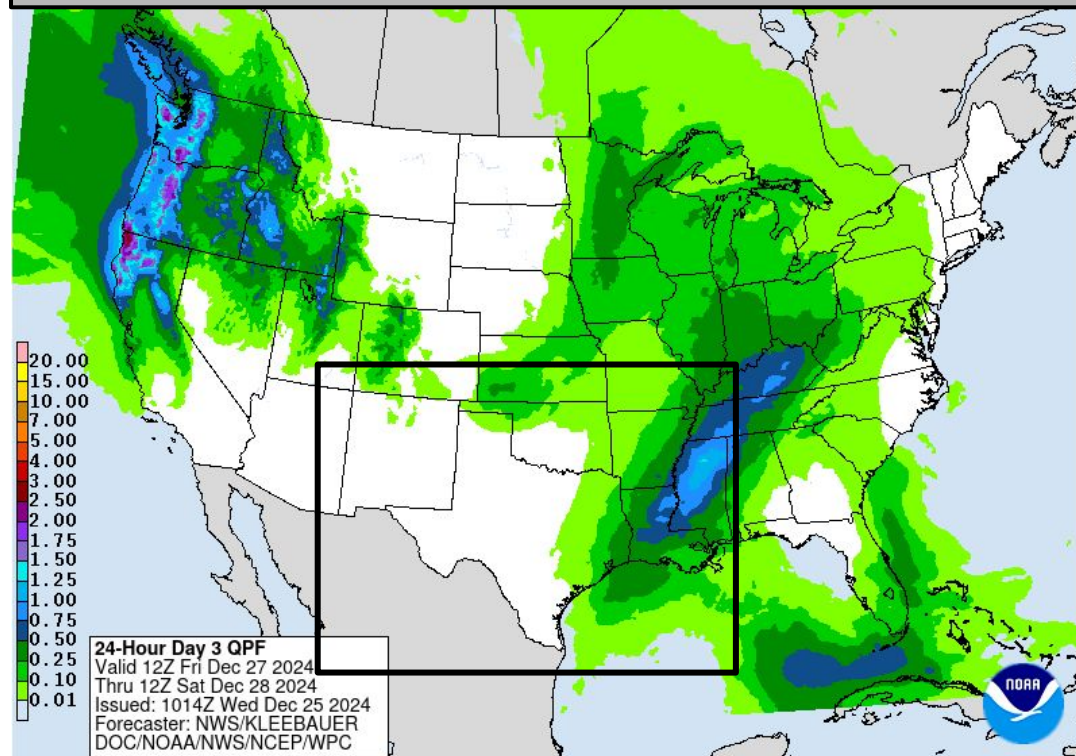


# Friday's Weather

## Forecast Chart

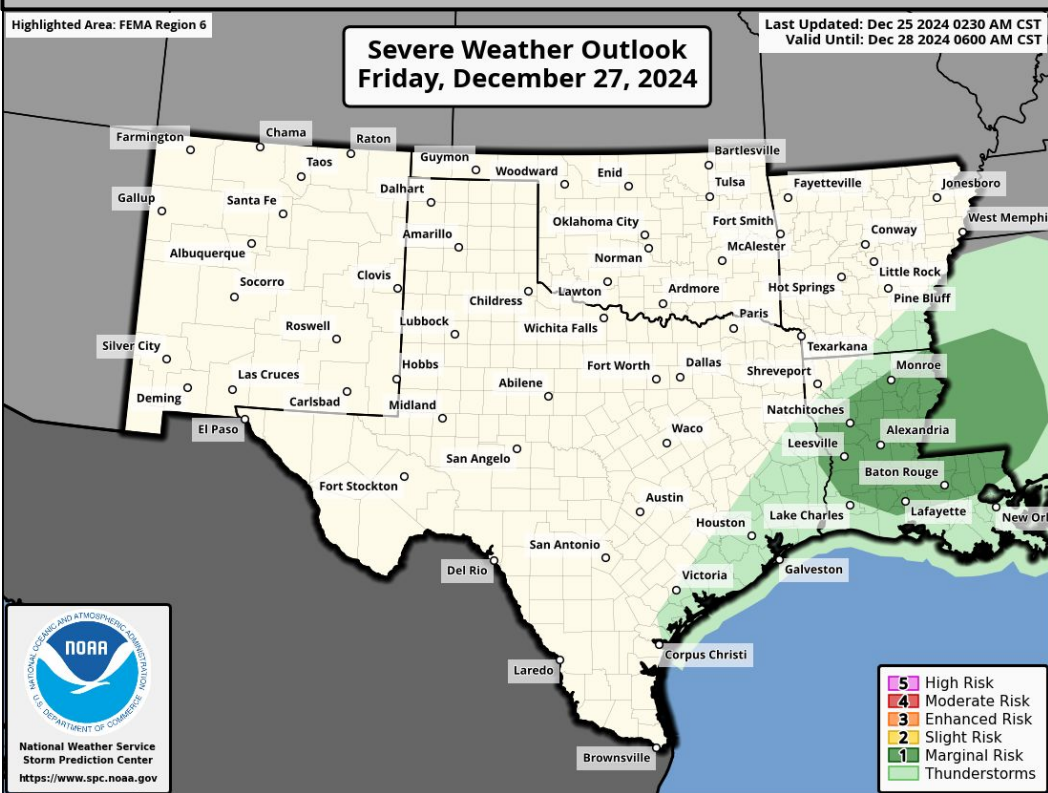


## Forecast Rainfall

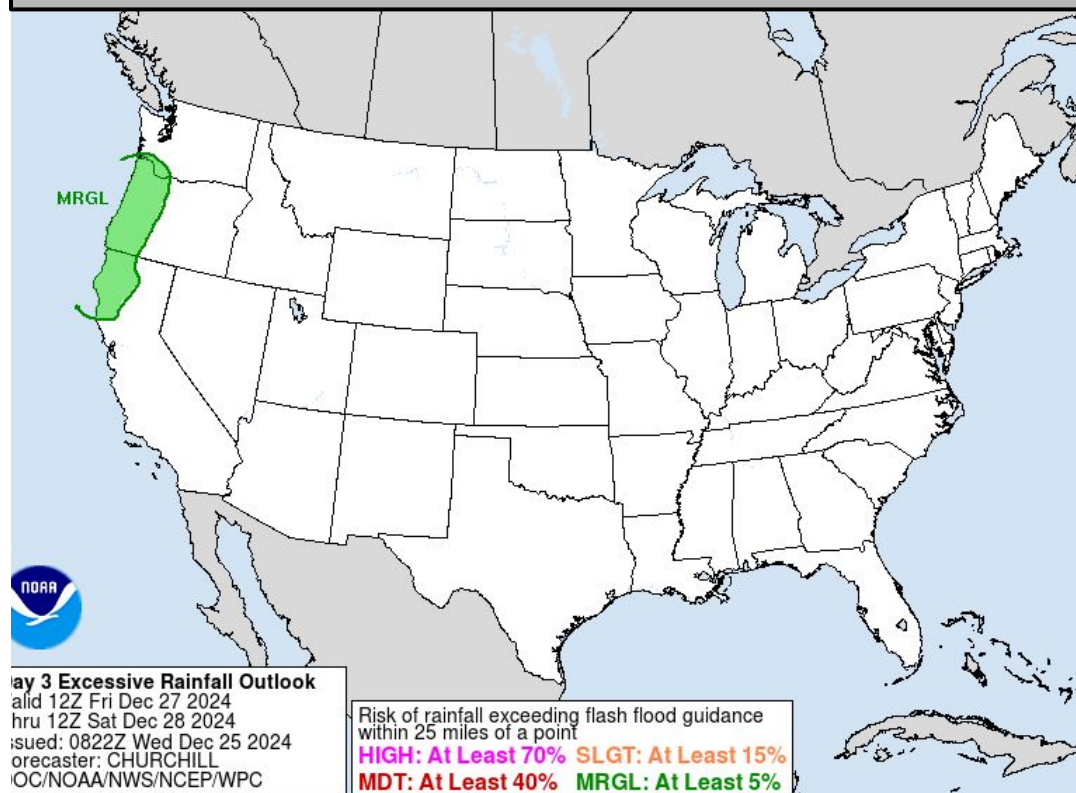


**Marginal risk of severe storms (level 1 of 5) across LA.**

## Severe Weather Outlook



## Excessive Rainfall Outlook

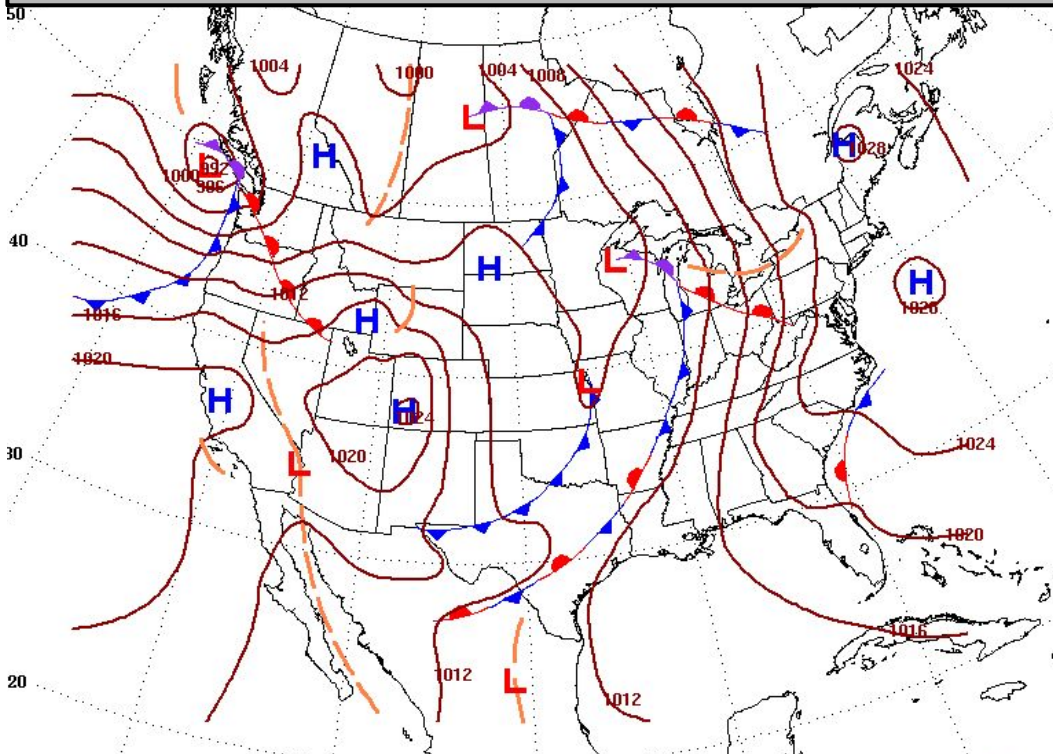




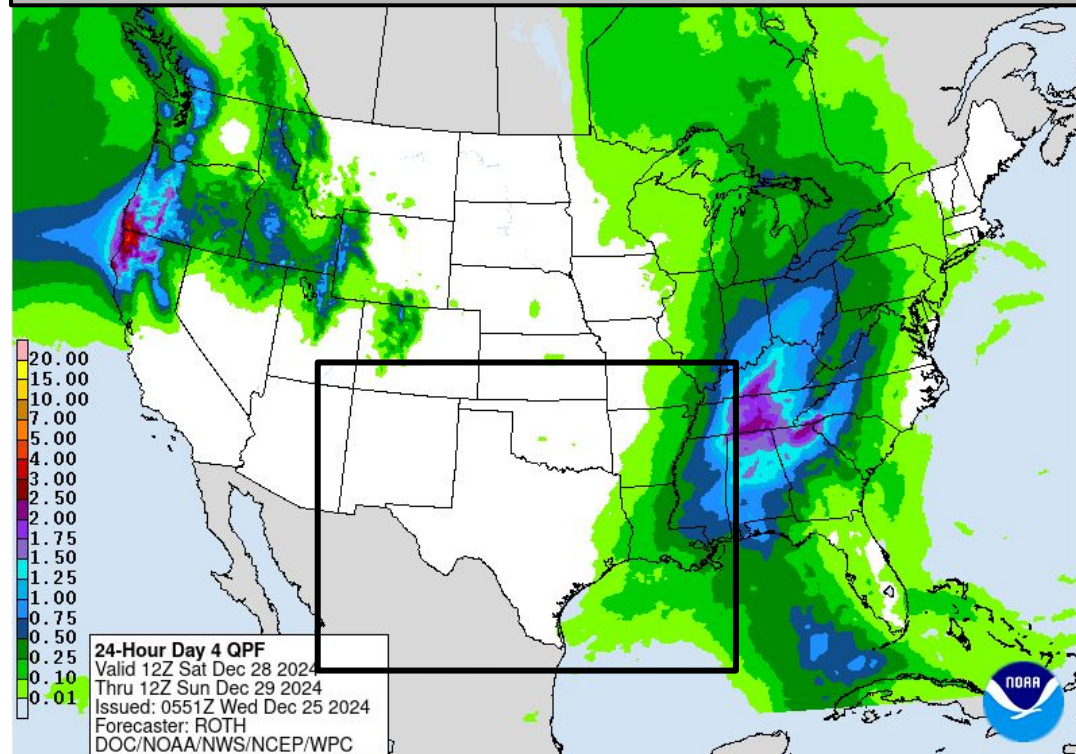


# Saturday's Weather

### Forecast Chart

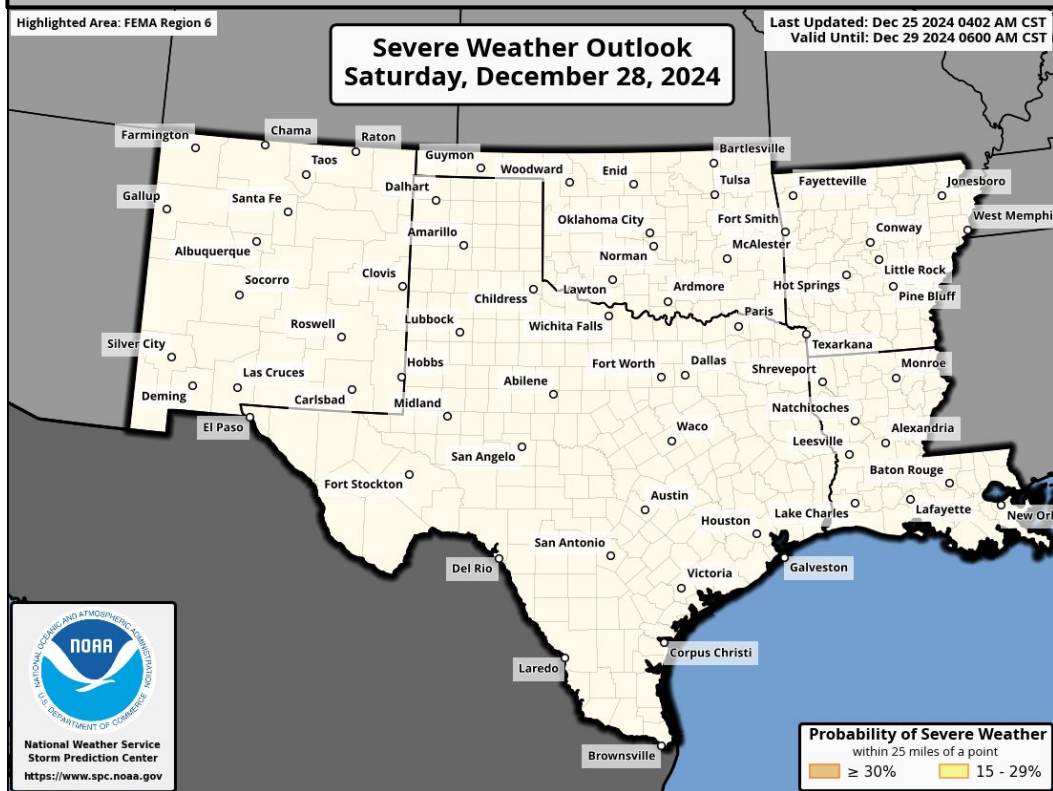


### Forecast Rainfall

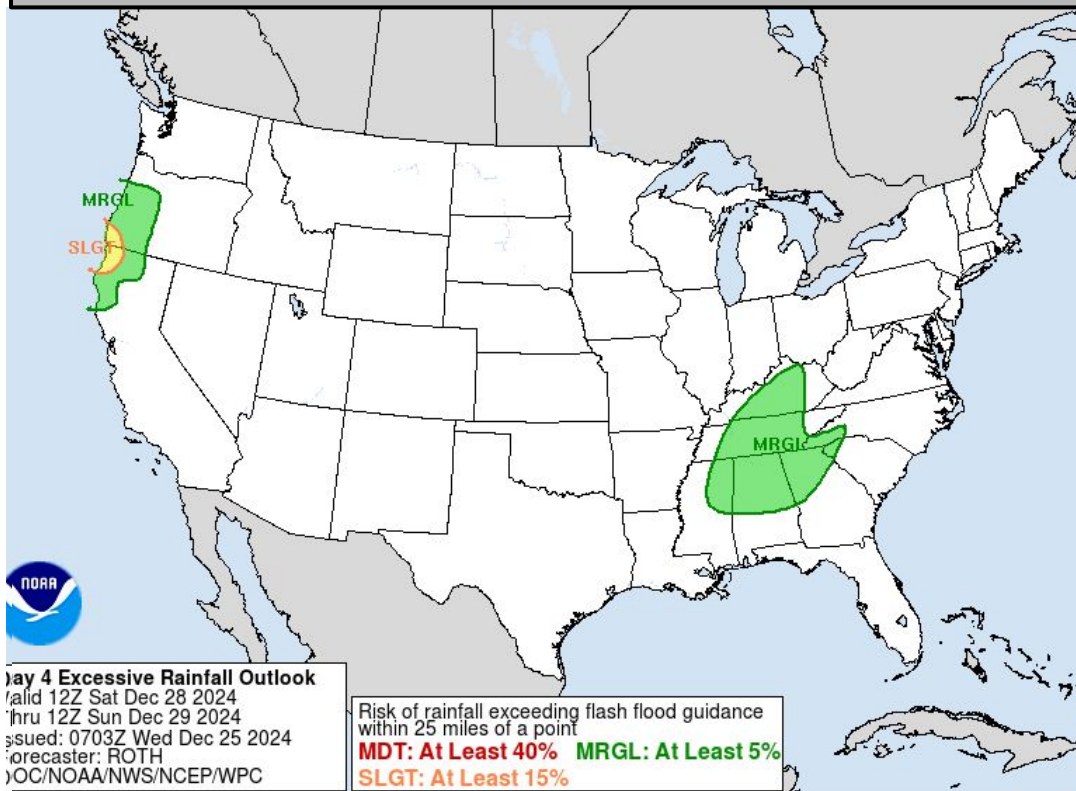


**No significant weather expected.**

### Severe Weather Outlook



### Excessive Rainfall Outlook

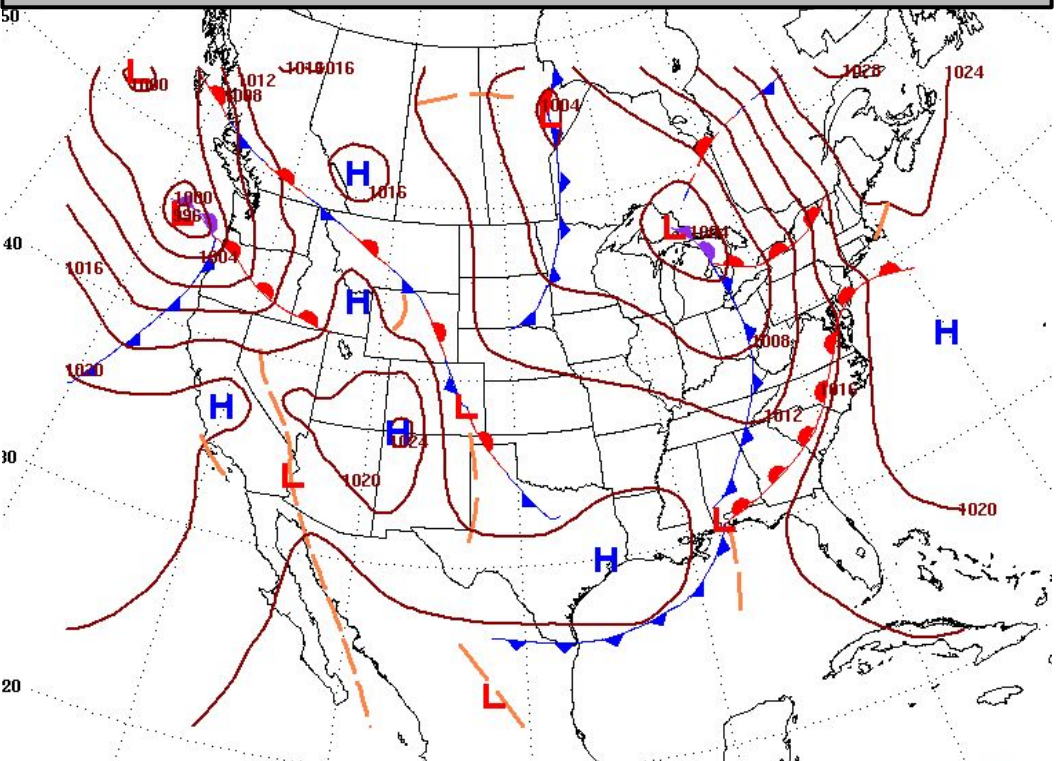




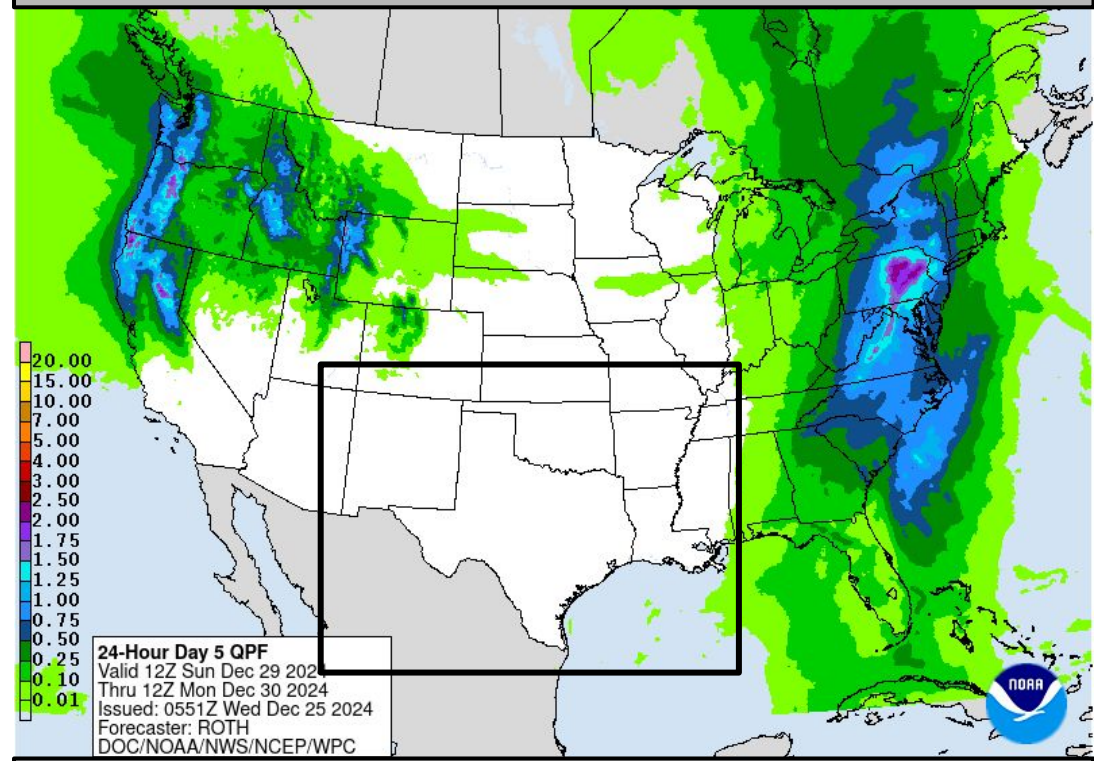


# Sunday's Weather

### Forecast Chart

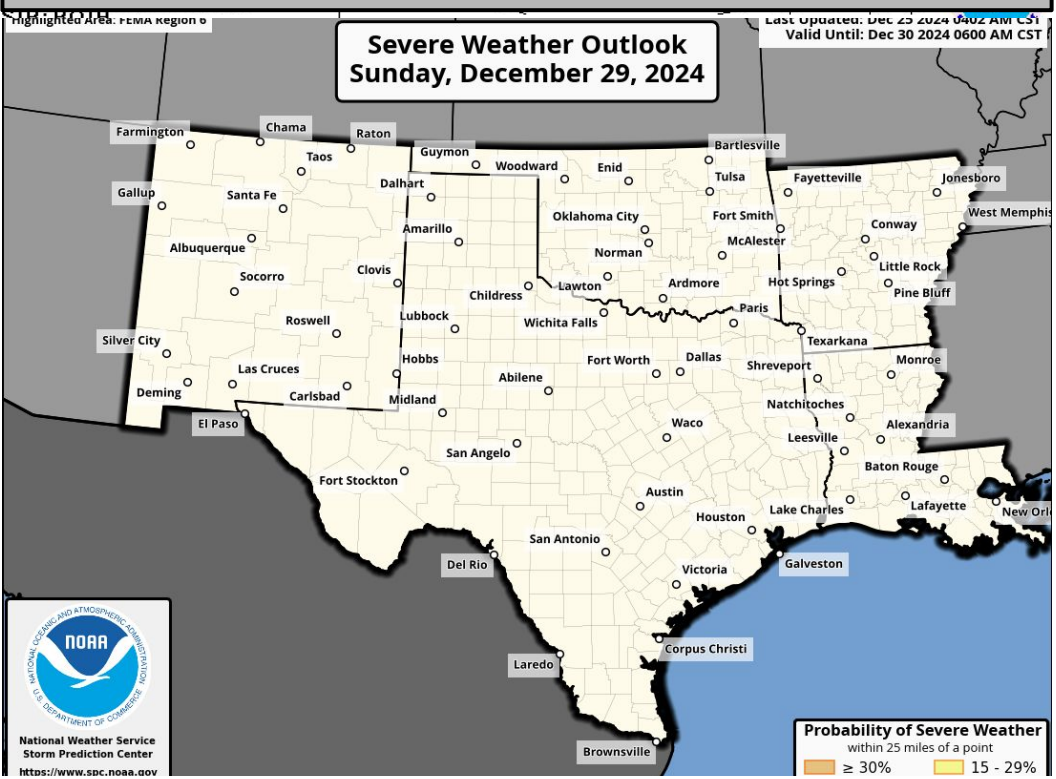


### Forecast Rainfall

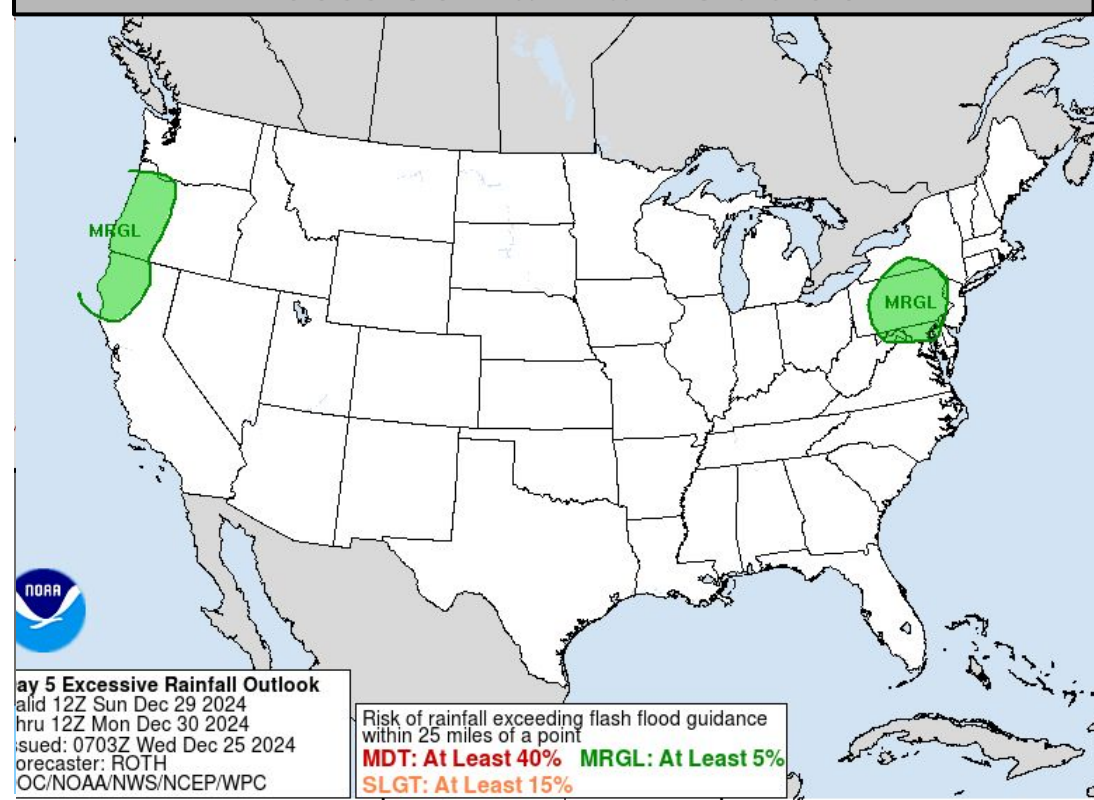


**No significant weather expected.**

### Severe Weather Outlook



### Excessive Rainfall Outlook



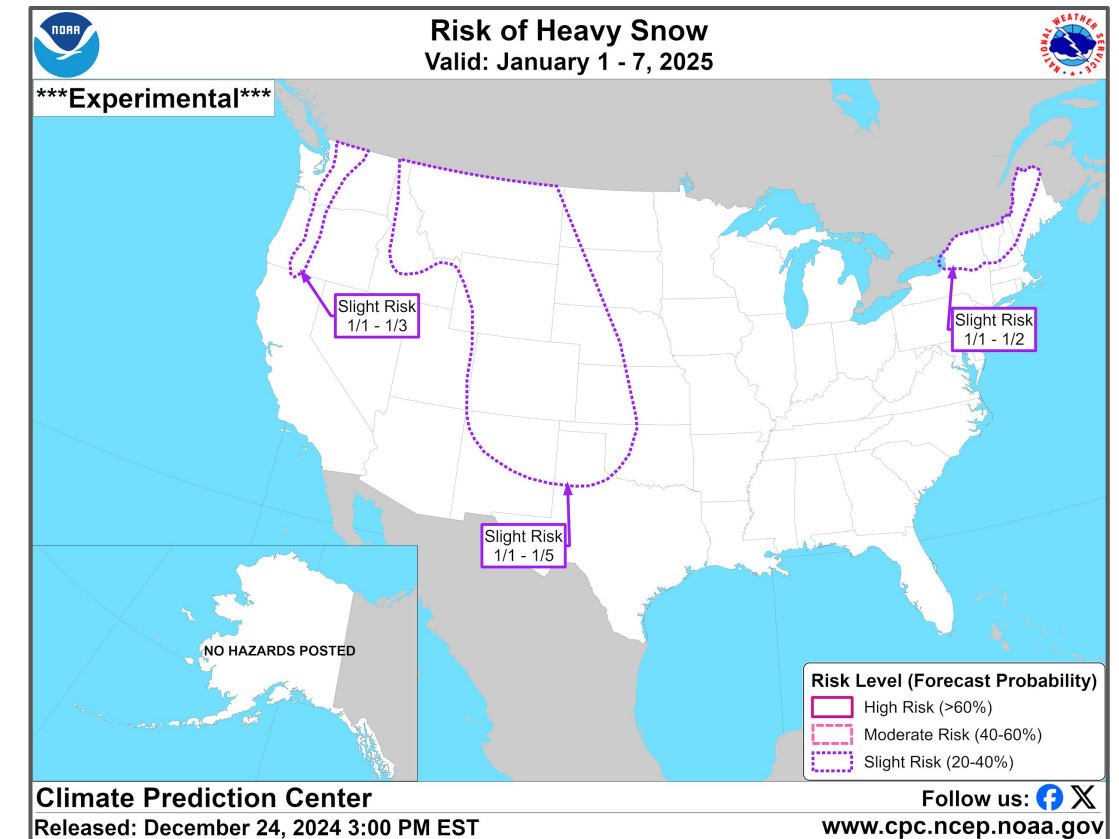
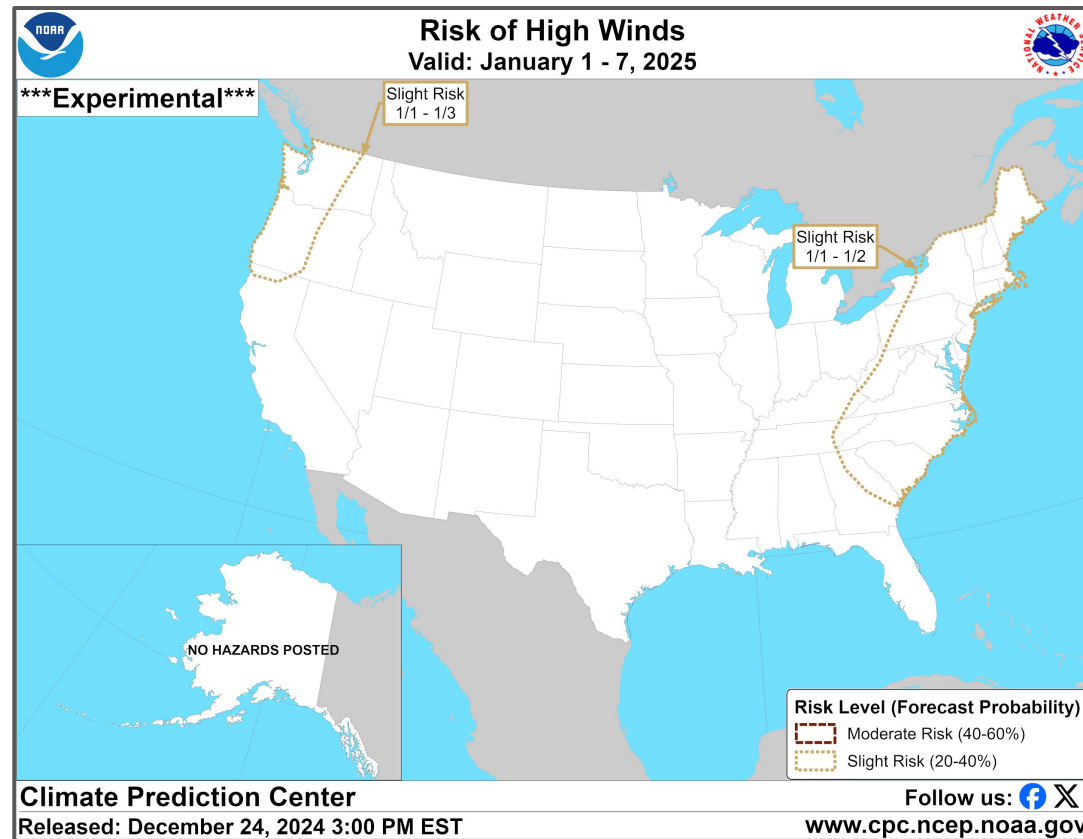
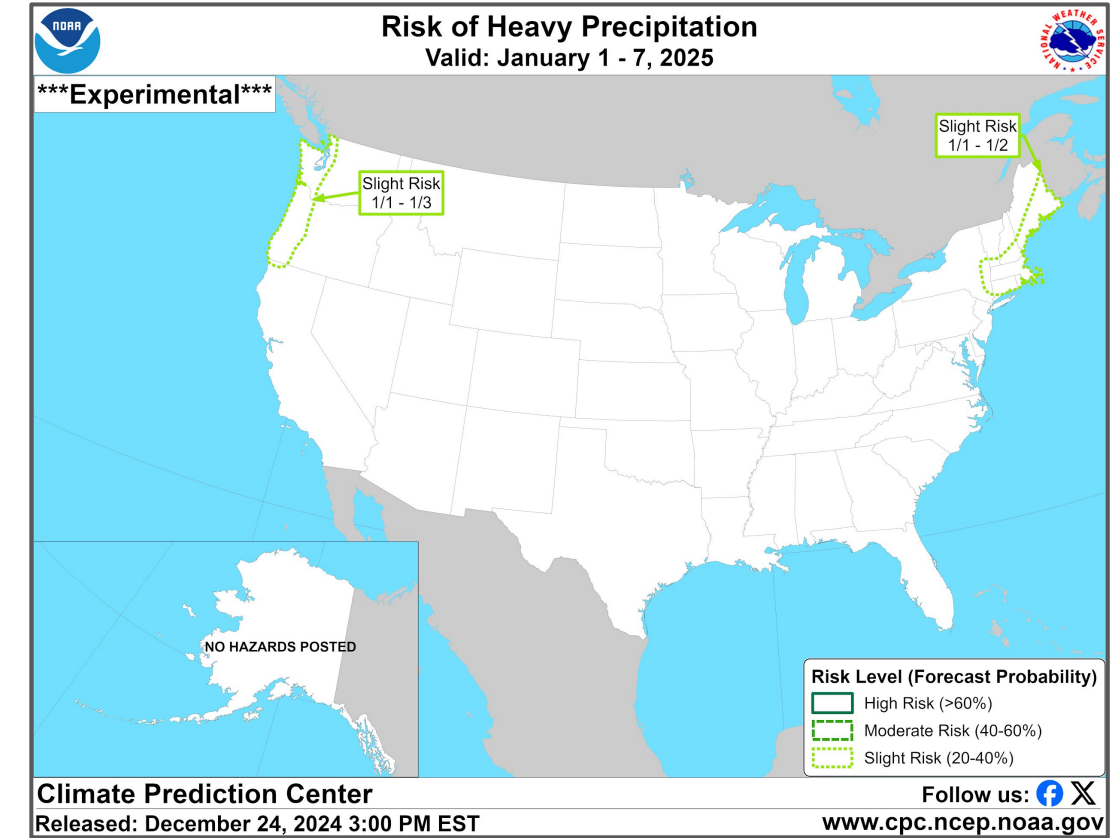
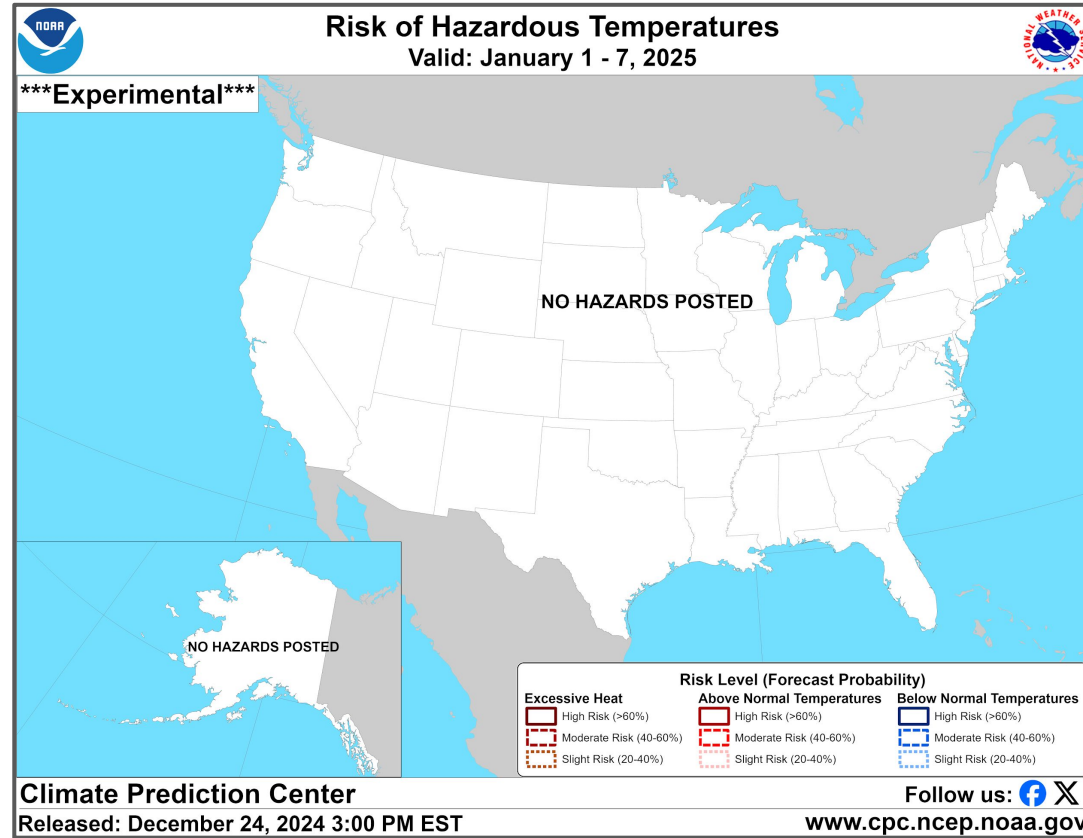
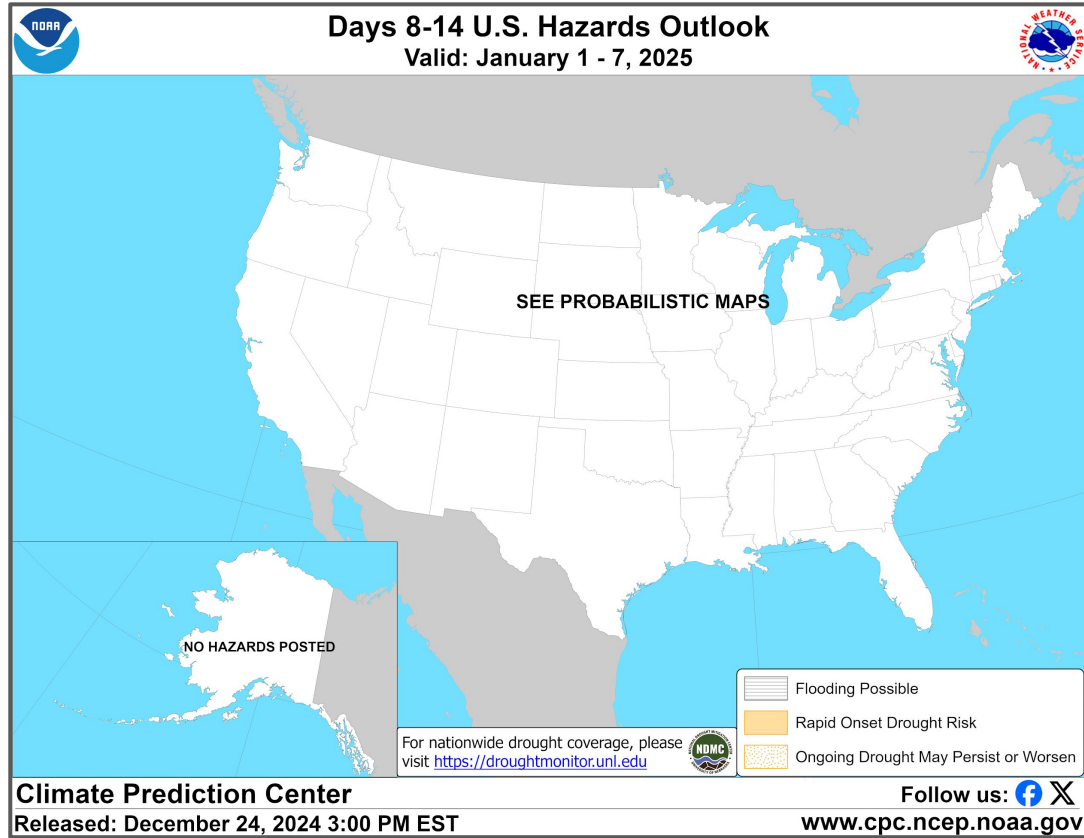








# “Day 8-14” Hazards Outlook



**NOTE:** These outlooks are issued in the afternoon and only issued on weekdays. Because of that and the fact that these slides are issued in the mornings:

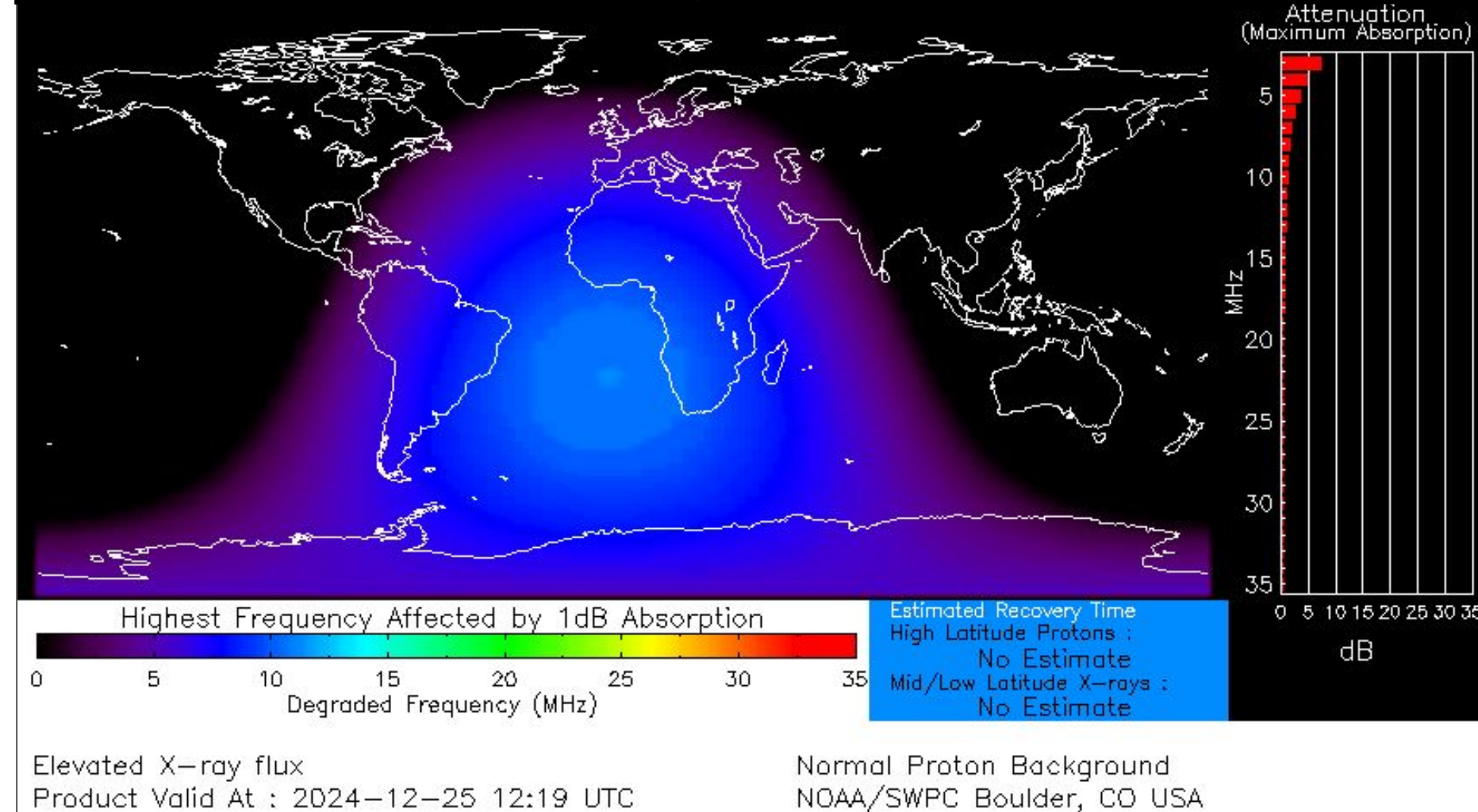
1. The “day 8-14” will really be days 7-13
2. This slide will be hidden on Mondays and Sundays so the data/information is not too old

For additional information on this outlook go to <https://www.cpc.ncep.noaa.gov/products/predictions/threats/threats.php>



# Space Weather 3-Day Forecast

	Wednesday, Dec 25	Thursday, Dec 26	Friday, Dec 27
<b>Geomagnetic Storms</b>	<b>Minor G1 Storm (Max Kp = 5)</b>	<b>Minor G1 Storm (Max Kp = 5)</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>75%</b>	<b>75%</b>	<b>75%</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

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