



# FEMA



Prepared by  
*Melissa Huffman*

# FEMA Region 6 Weather Threat Briefing

## Tuesday, December 24, 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 for severe storms (level 1 out of 5) over S Ctrl/SE TX today and slight risk (level 2 out of 5) on Thursday across Ctrl/SE TX, W LA.**
- **Marginal risk of heavy rainfall (level 1 out of 4) over E OK, AR, NW LA and E TX today and Thursday.**
- **Travel impacts possible along I-25 from snowfall above 7000 feet in N NM on Wednesday/Wednesday night.**
- **Minor river flooding will continue in NE AR through the week. Additional minor flooding could develop in AR from rainfall later this week.**





# FEMA Region 6 Threat Matrix

Next 5 Days

|  | Tuesday, Dec 24               | Wednesday, Dec 25 | Thursday, Dec 26                   | Friday, Dec 27 | Saturday, Dec 28 |
|--|-------------------------------|-------------------|------------------------------------|----------------|------------------|
| <b>Severe Storms</b>                   | S Ctrl/SE TX                  |                   | E OK, AR, NW LA,<br>N/Ctrl/E/SE TX |                |                  |
| <b>Heavy Rain /<br/>Flash Flooding</b> | SE OK, AR, NW LA, NE/SE<br>TX |                   | Ctrl/SE TX, W LA                   |                |                  |
| <b>Fire Weather</b>                    |                               |                   |                                    |                |                  |
| <b>Winter Weather</b>                  |                               | N 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.*

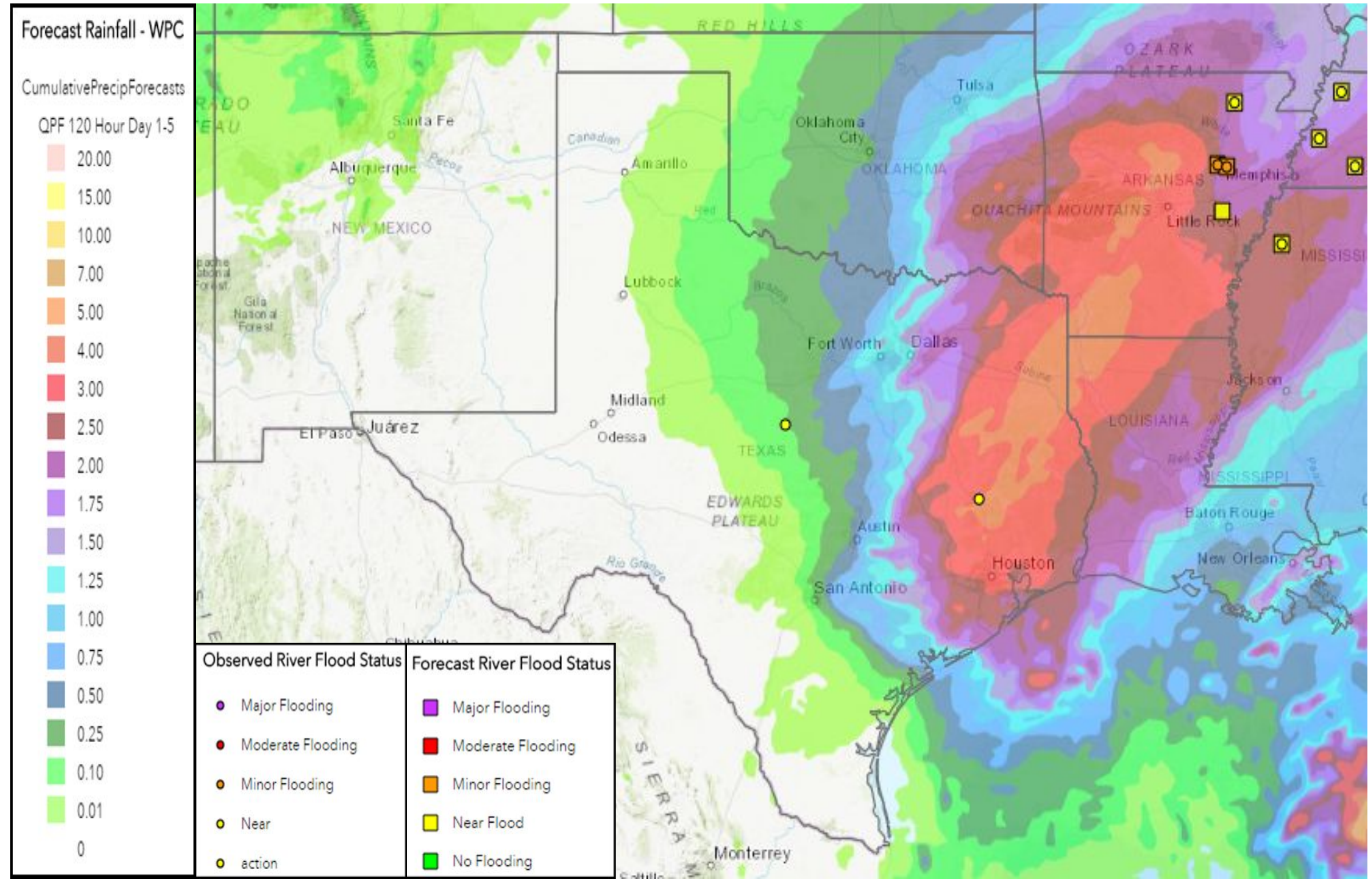
|                    |                |       |          |       |         |
|--------------------|----------------|-------|----------|-------|---------|
| <b>Risk Levels</b> | Little to None | Minor | Moderate | Major | Extreme |
|--------------------|----------------|-------|----------|-------|---------|





# 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.**

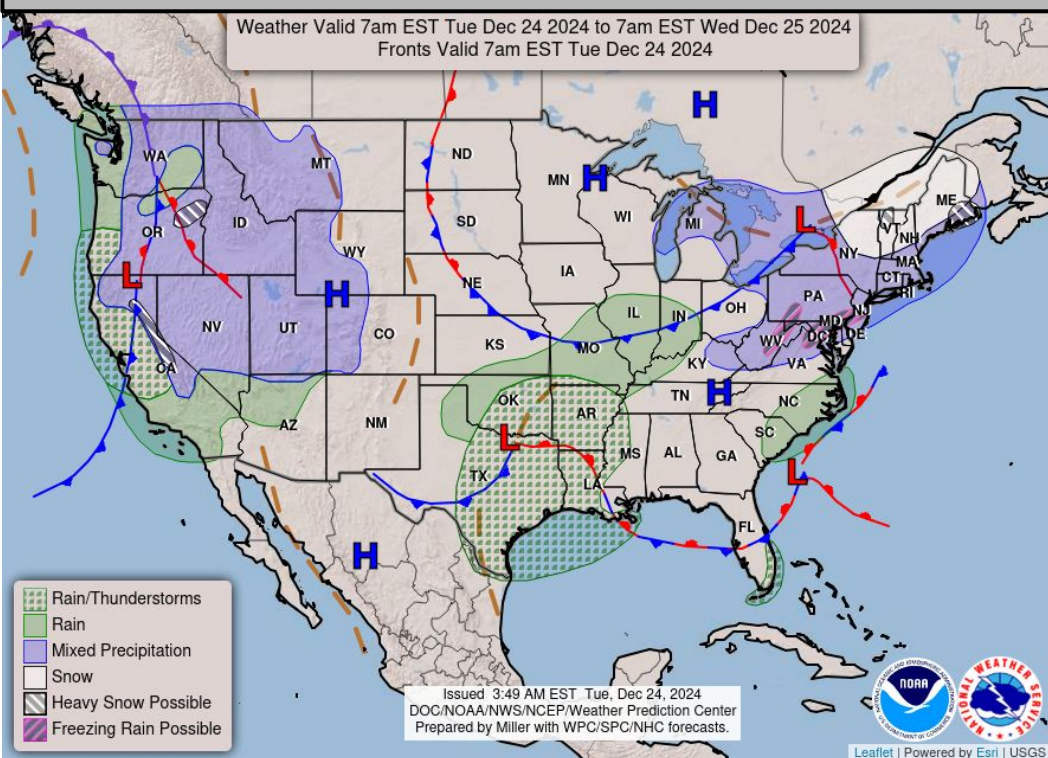
**Additional minor flooding could occur in AR from rainfall this week.**



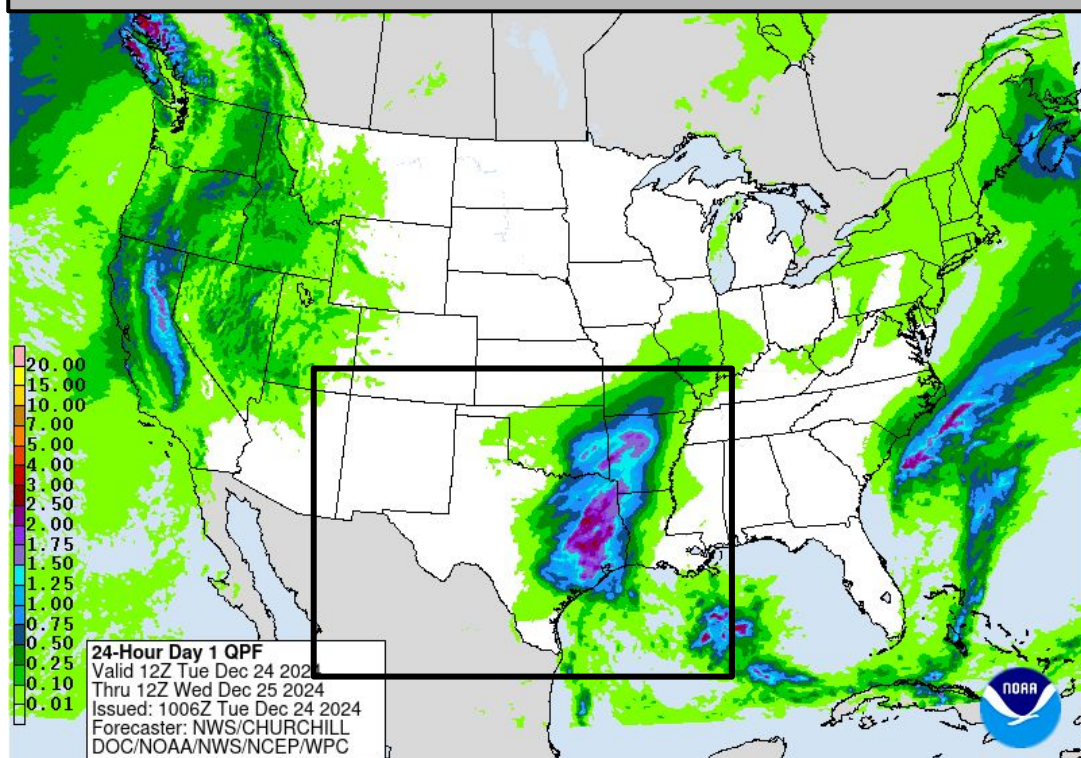


# Today's Weather

## Forecast Chart



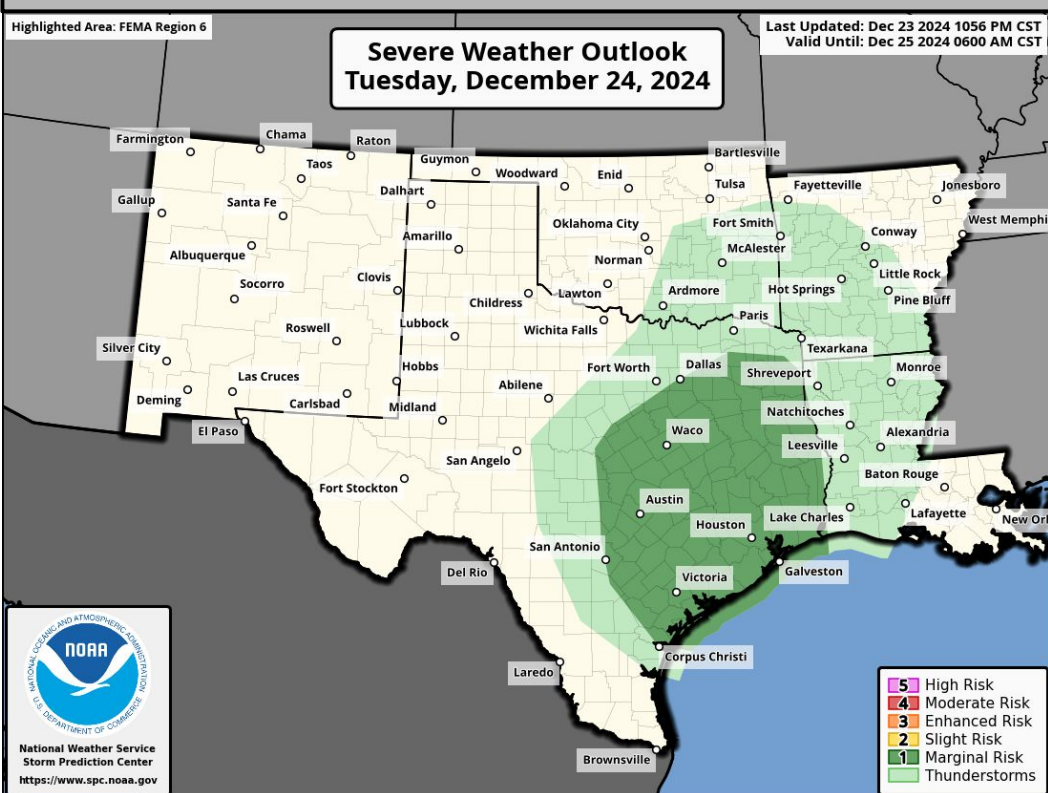
## Forecast Rainfall



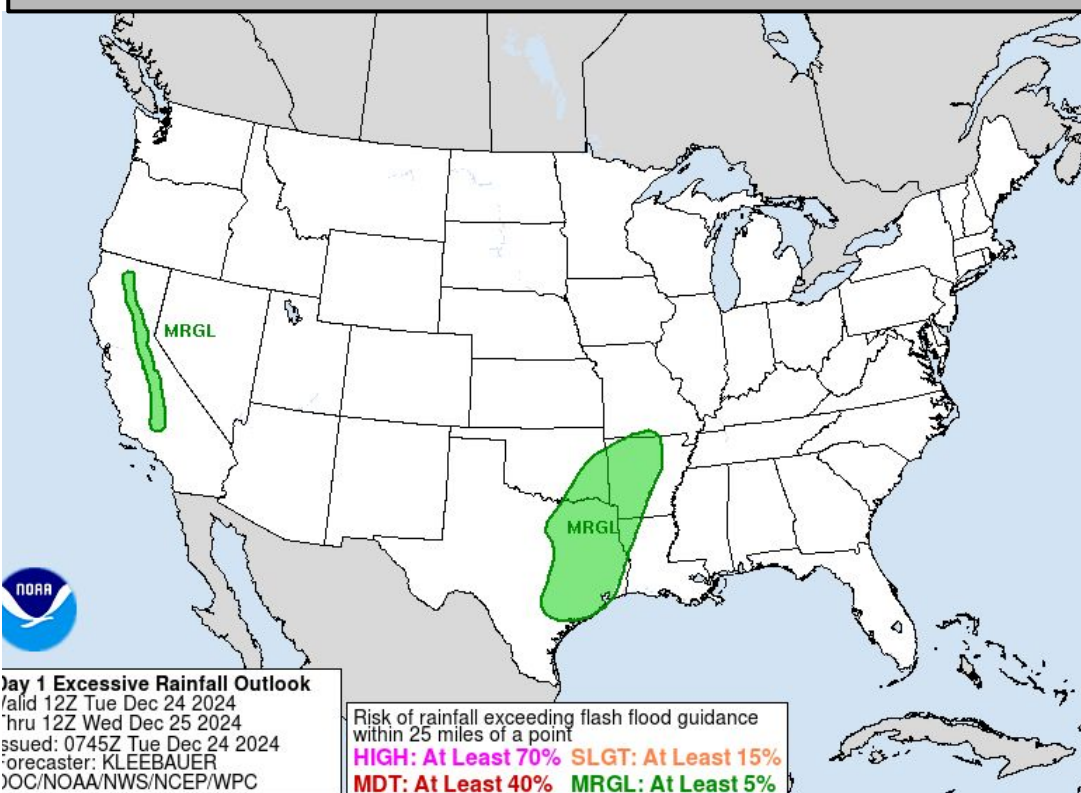
**Marginal risk of excessive rainfall (level 1 out of 4) over SE OK, AR, NW LA, NE/SE TX**

**Marginal risk for severe storms (level 1 out of 5) over S Ctrl/SE TX; damaging winds, large hail are the main threats.**

## Severe Weather Outlook



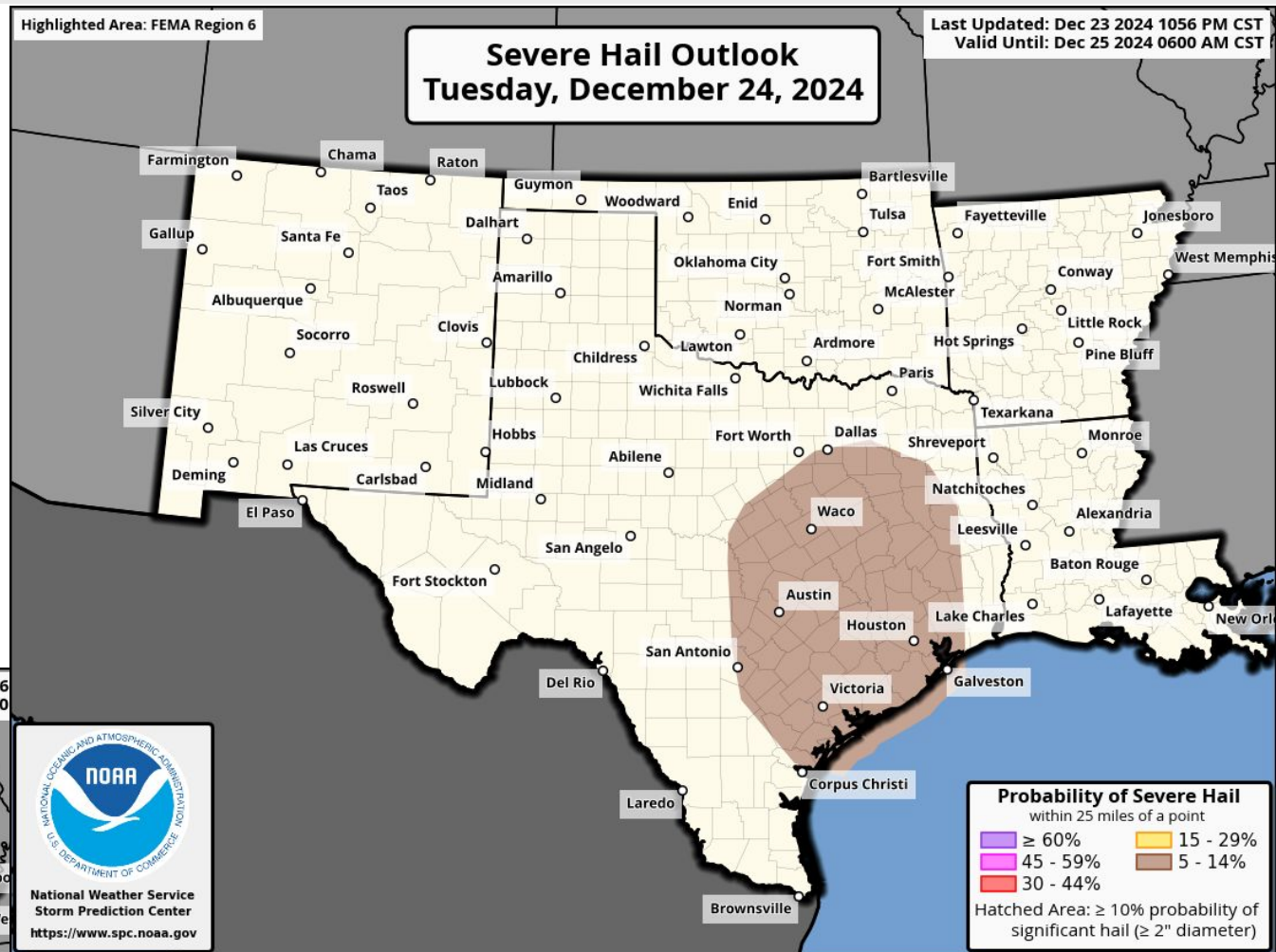
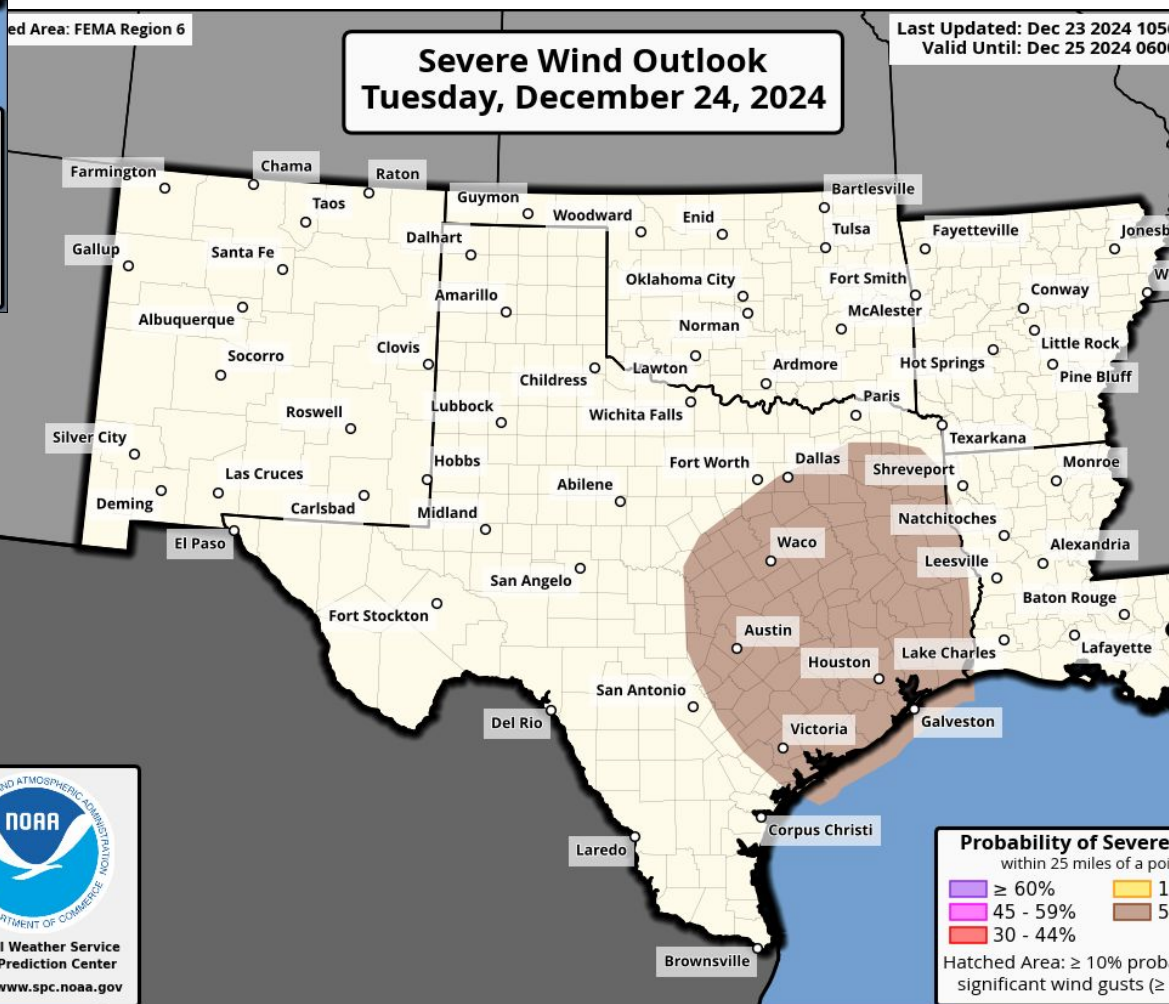
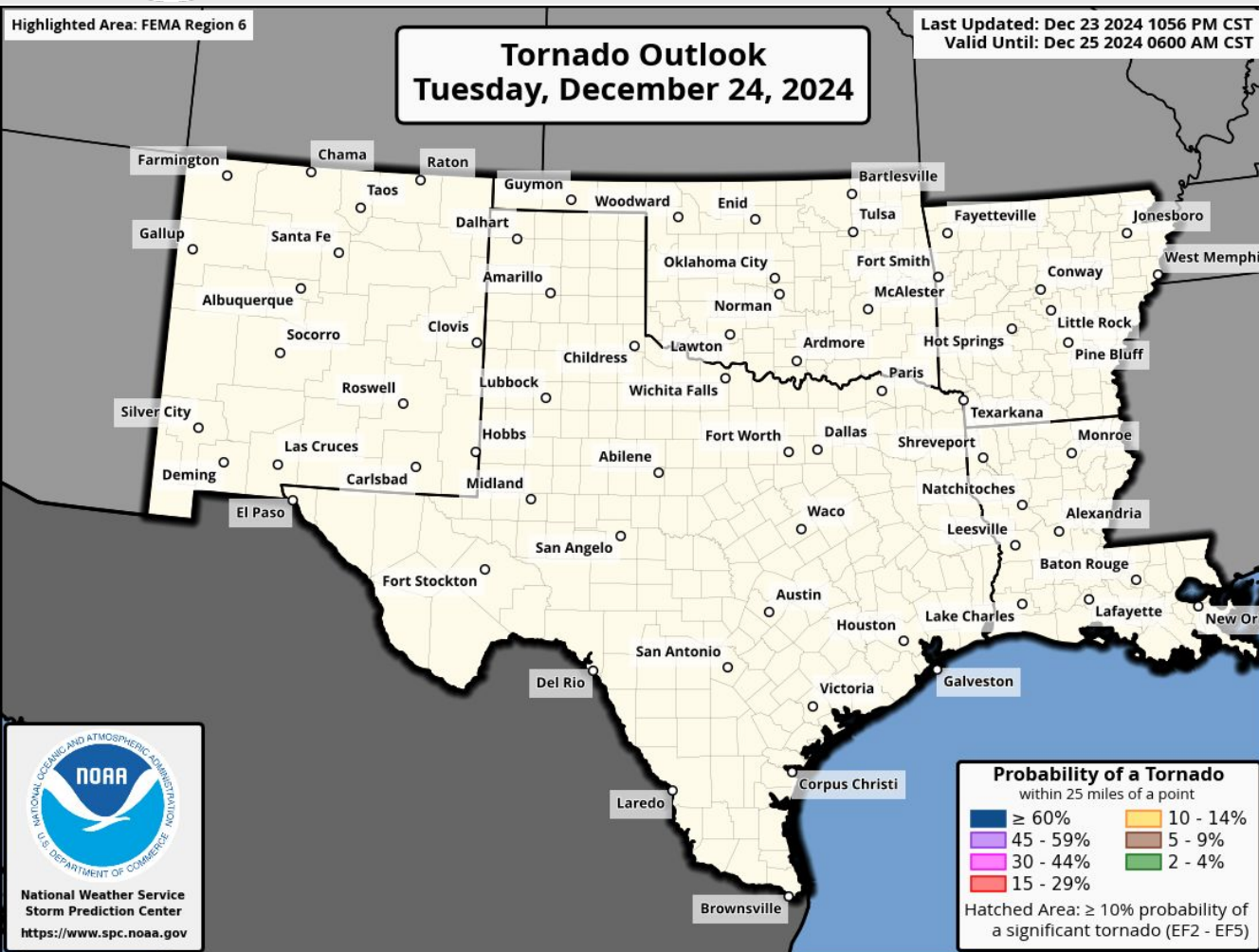
## Excessive Rainfall Outlook







# Today's Tornado & Severe Wind / Hail Probabilities

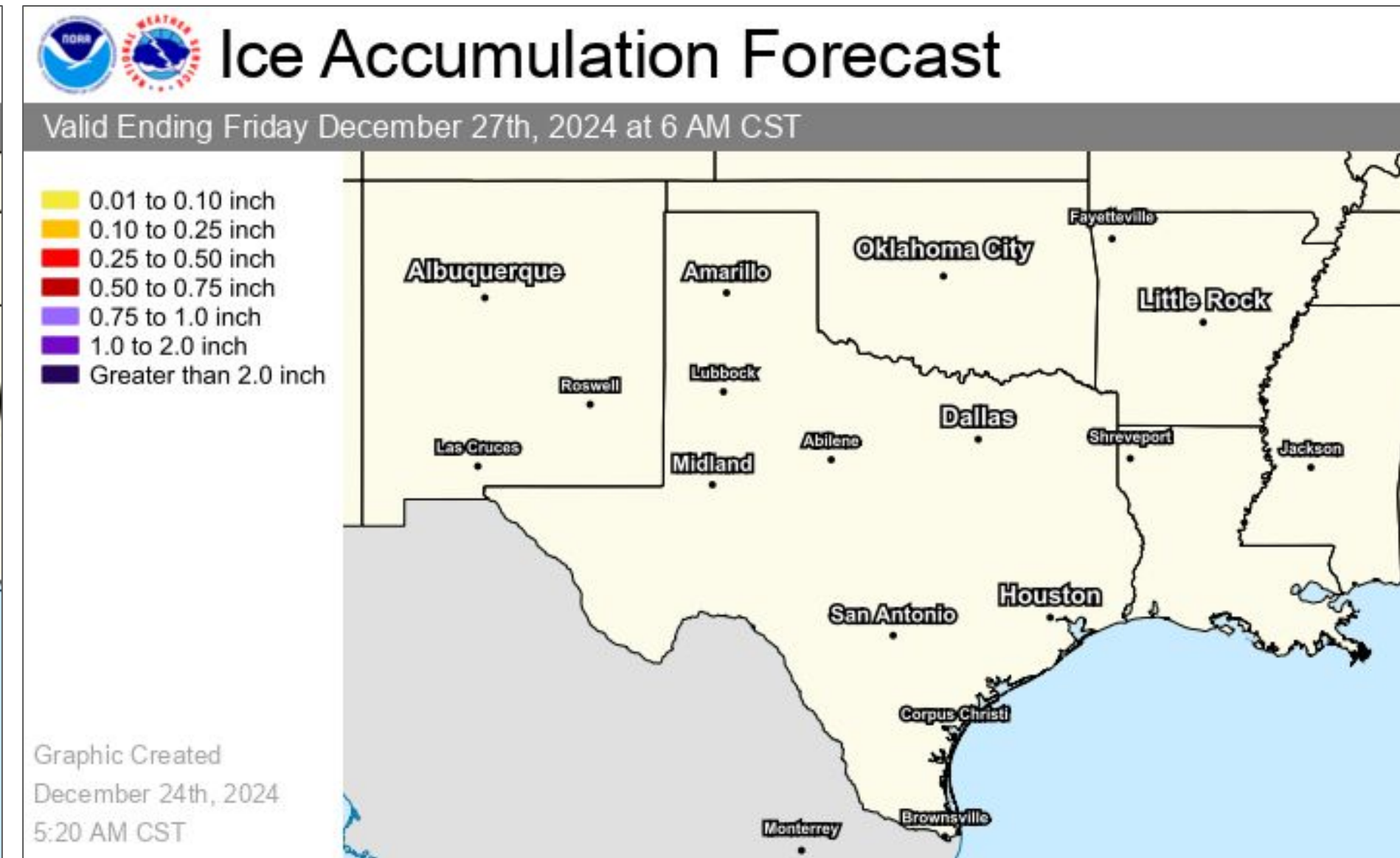
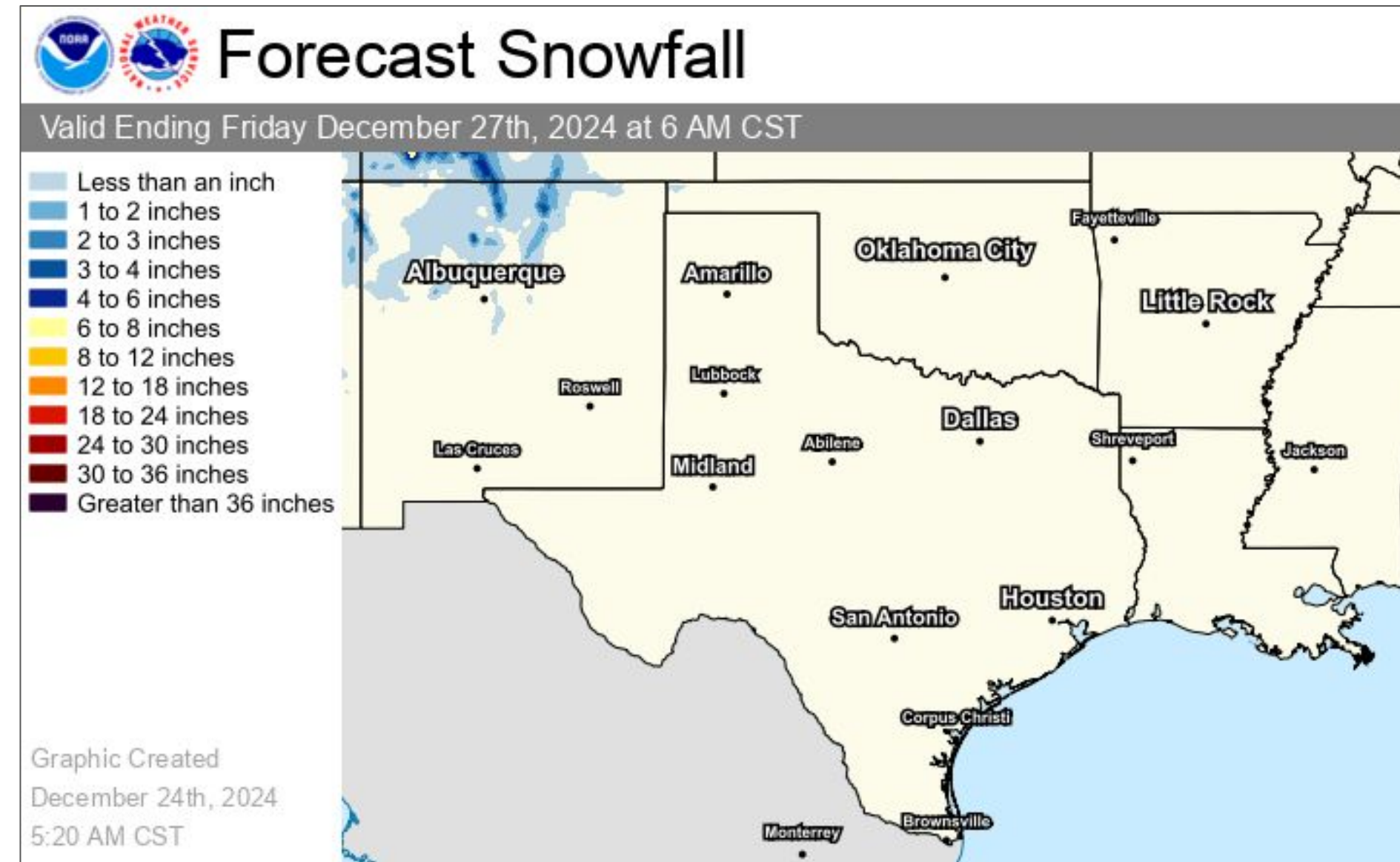






# Winter Weather

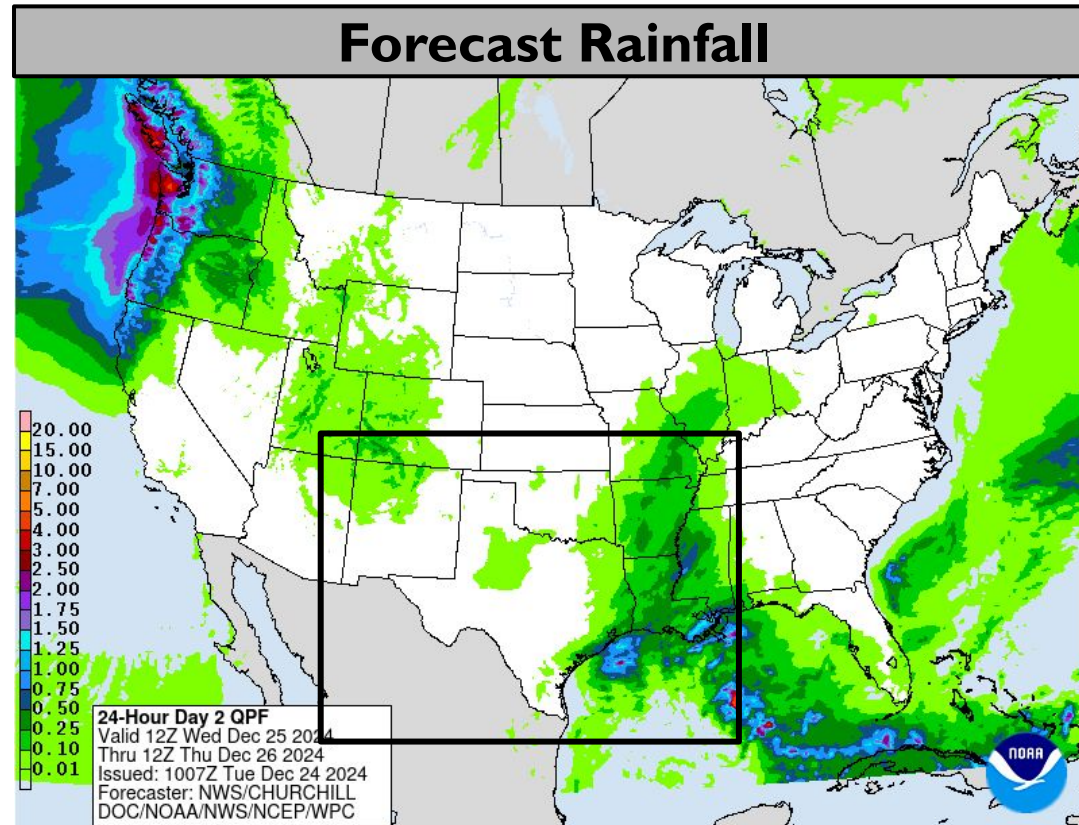
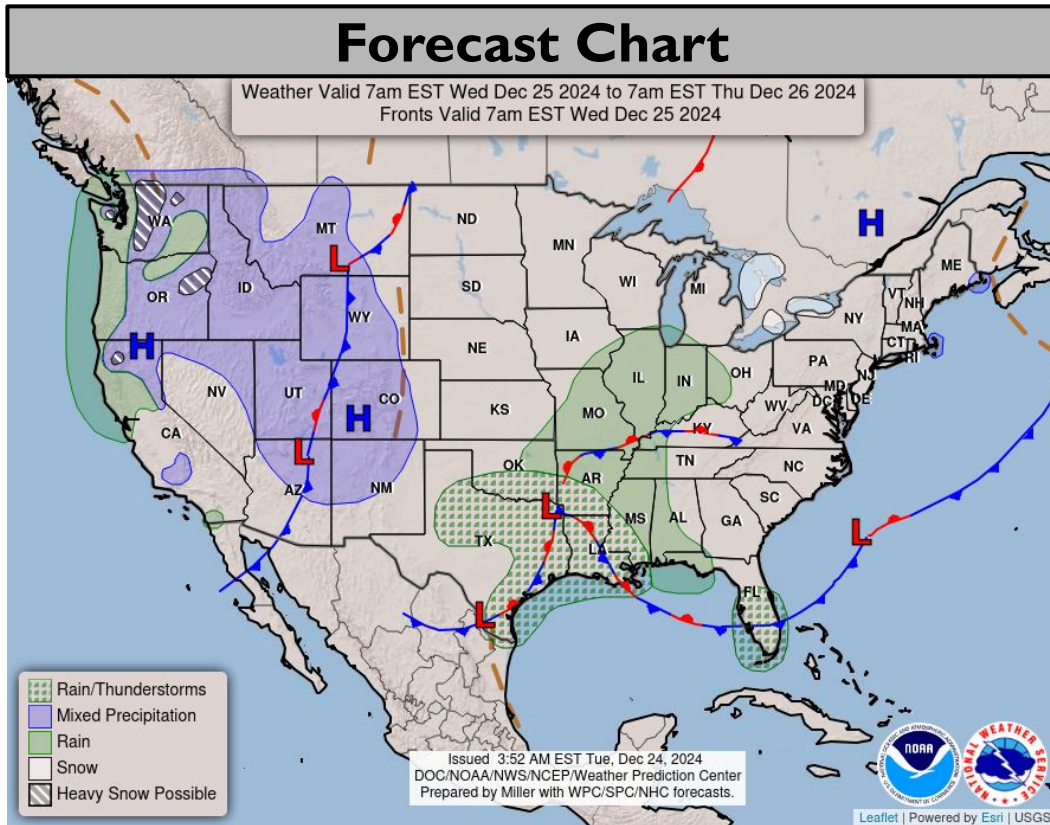
Through the next 3 days



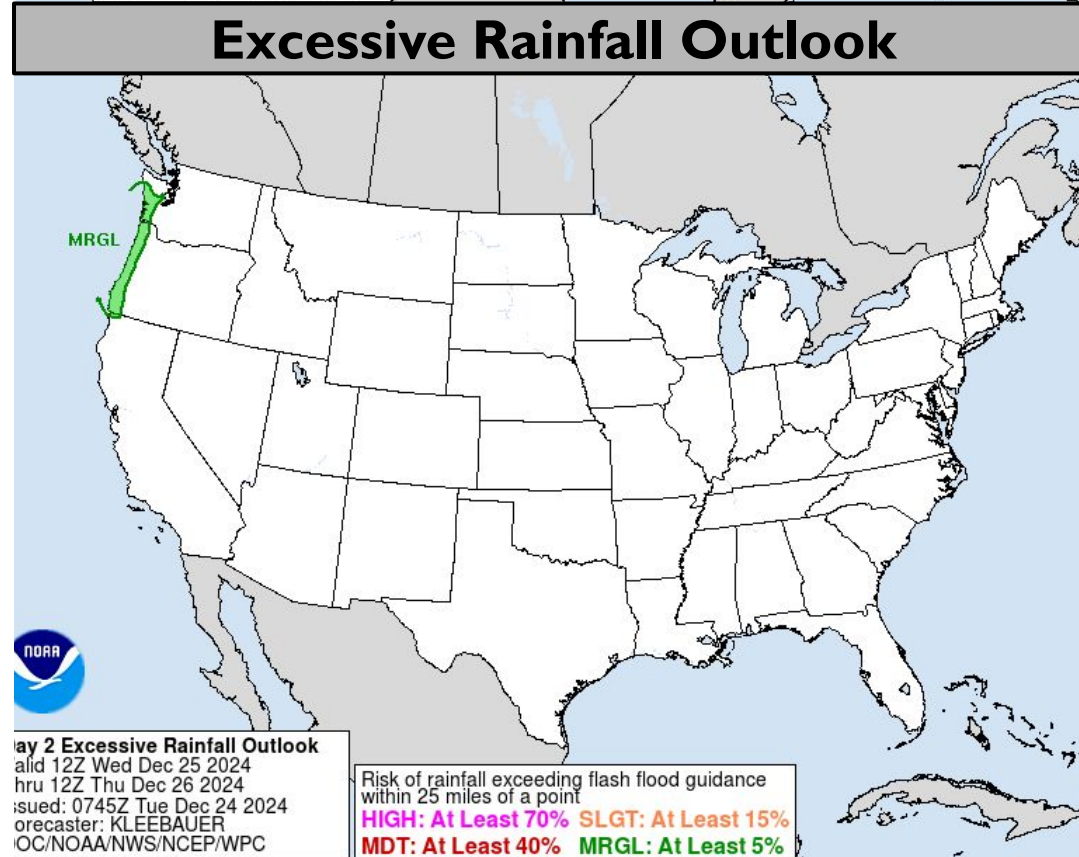
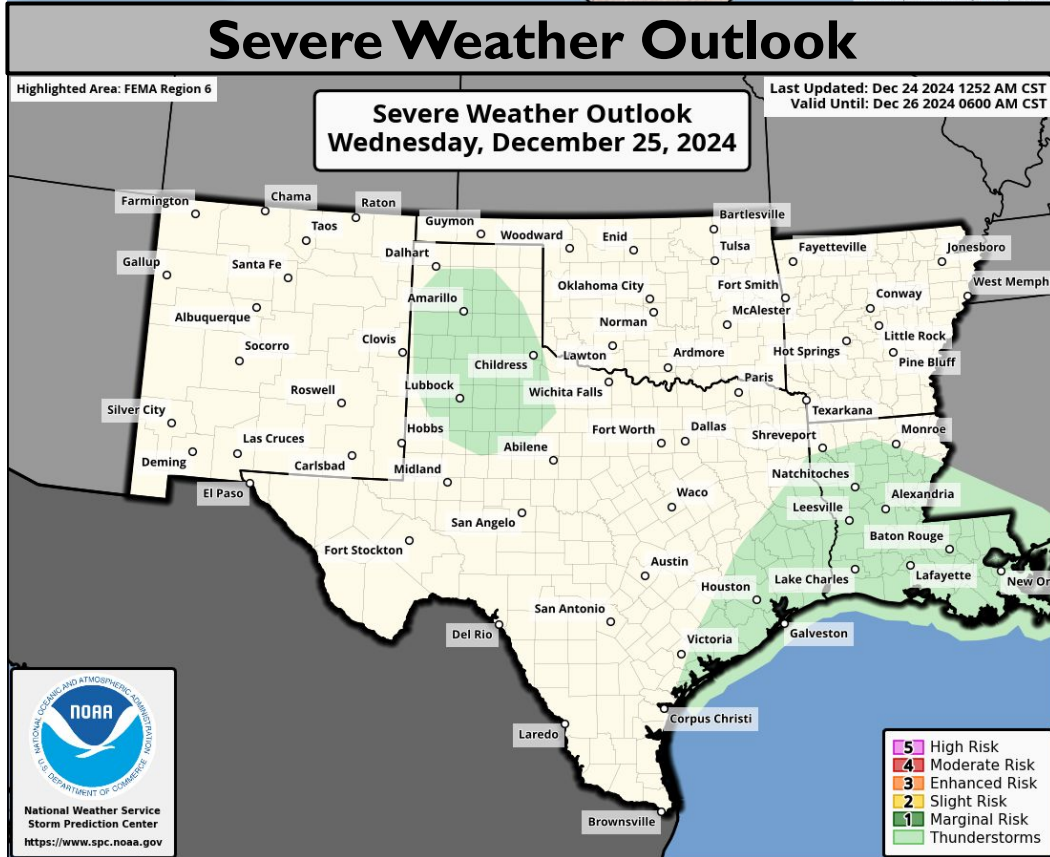




# Tomorrow's Weather



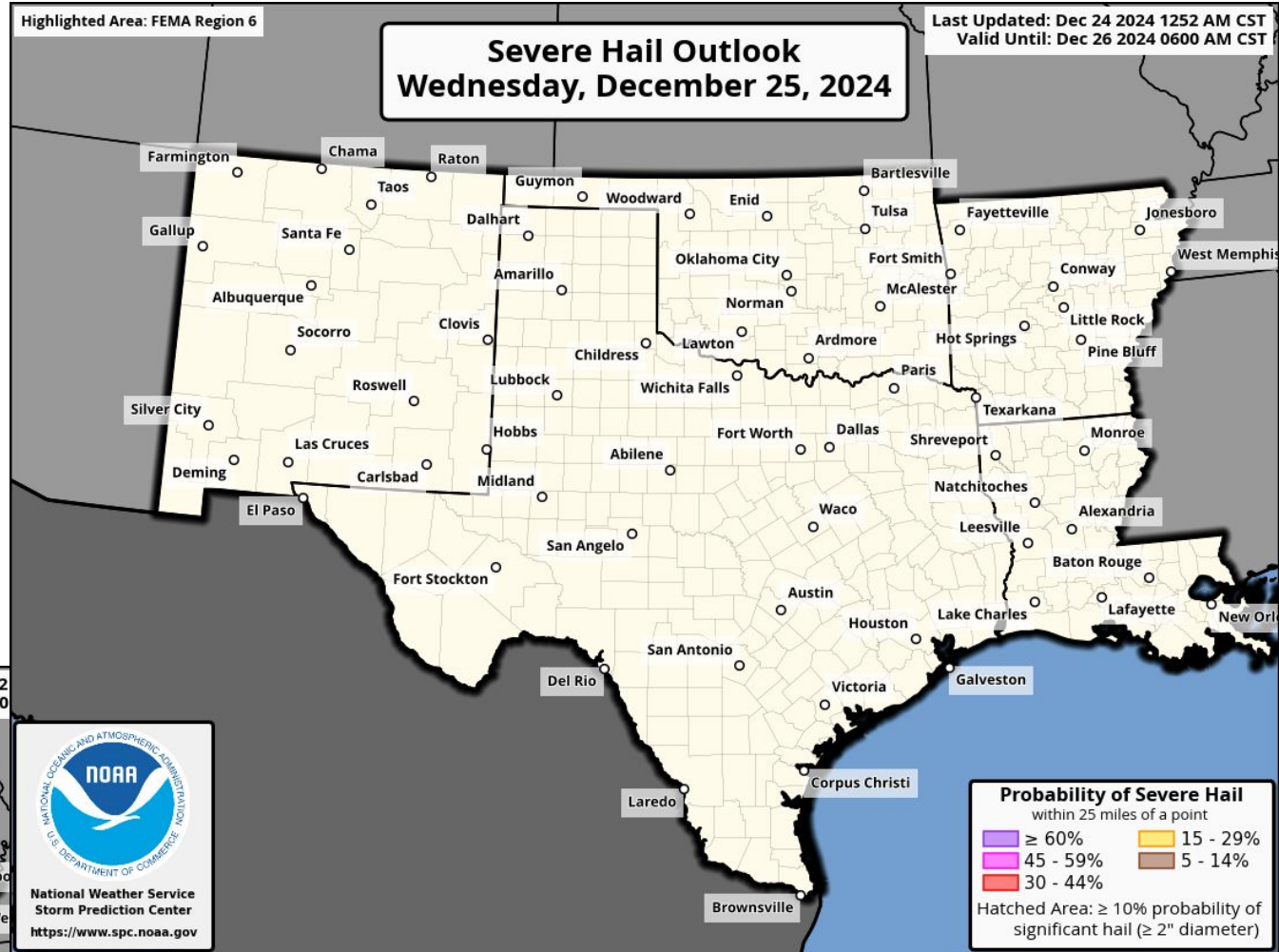
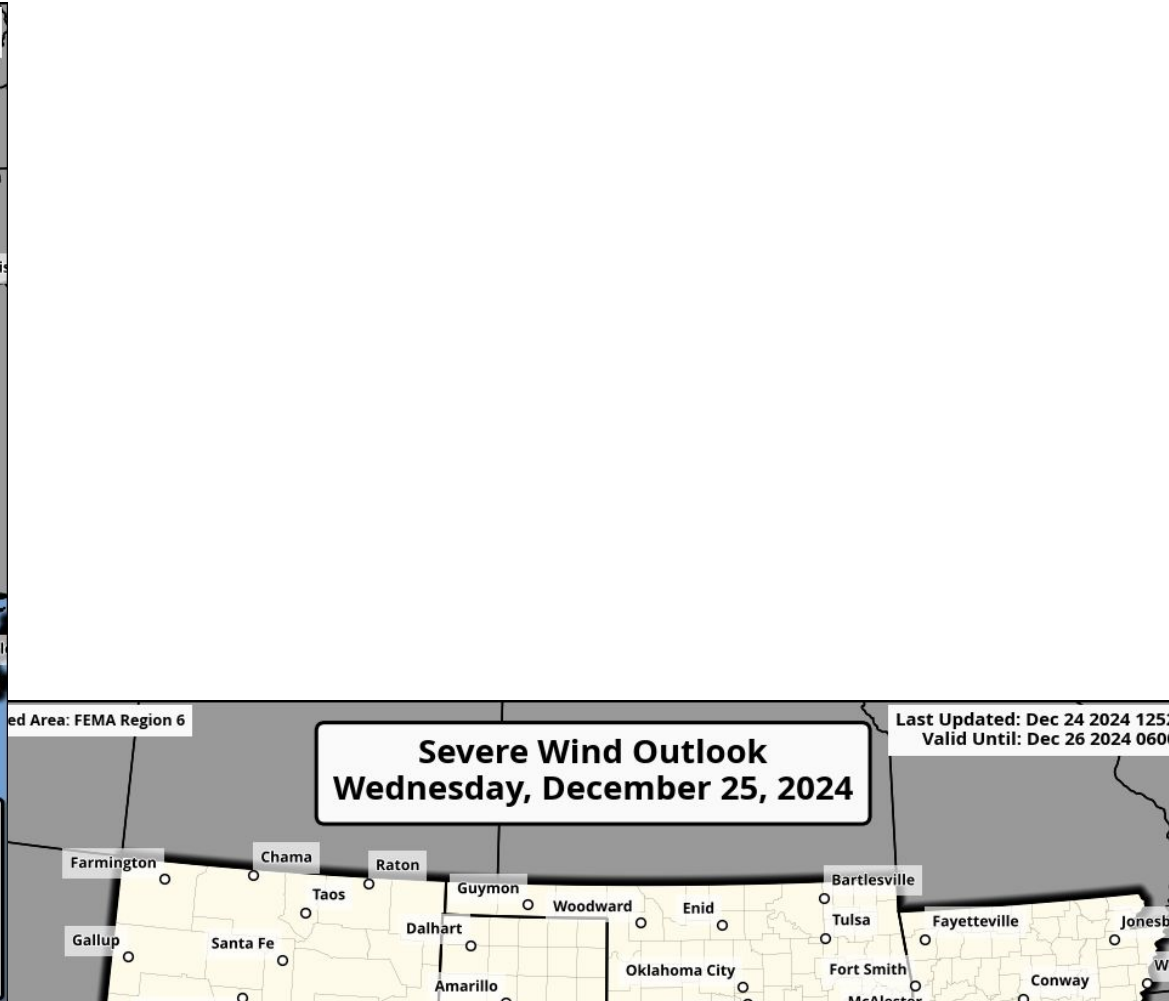
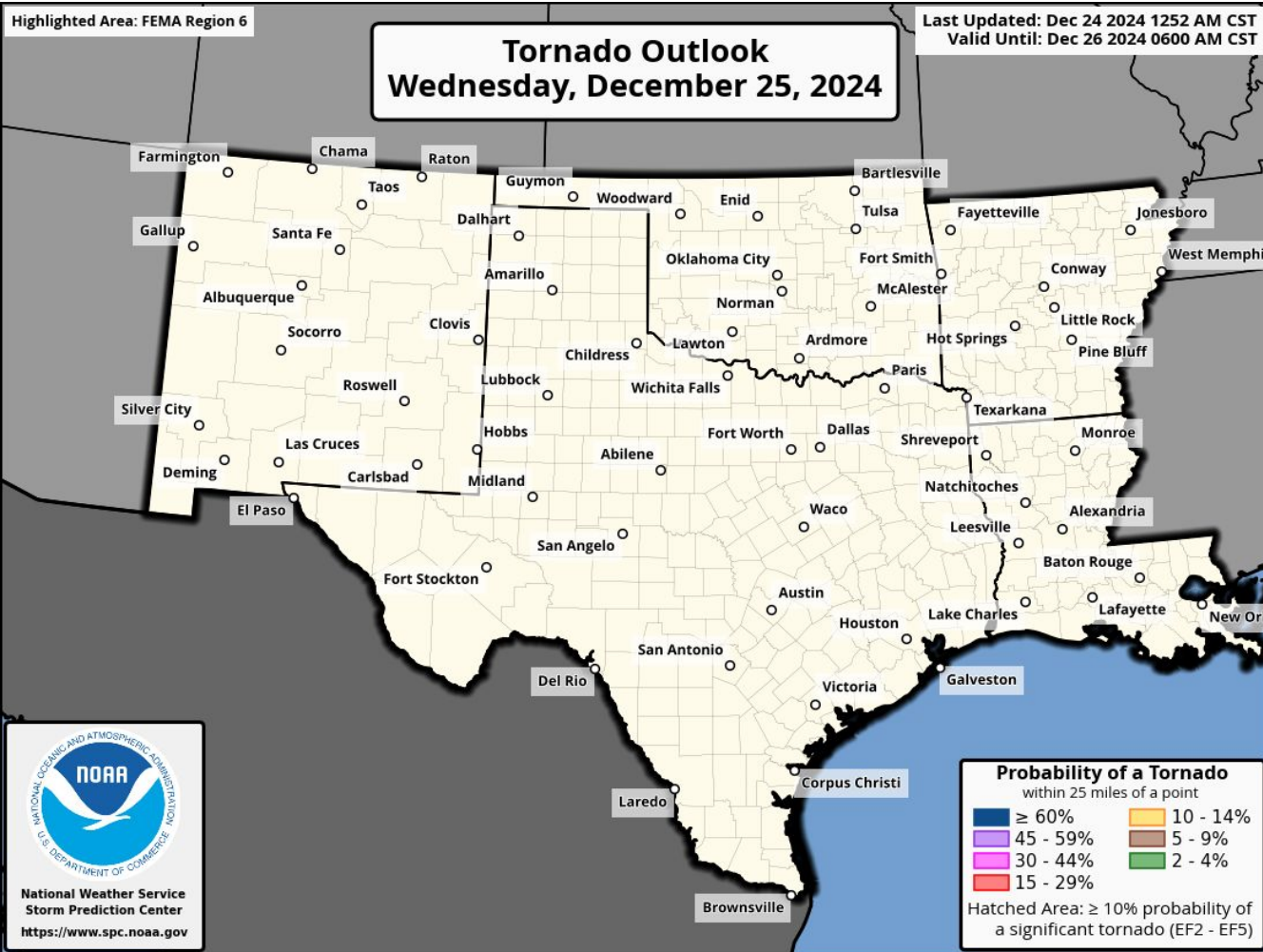
**Possible travel impacts from light snow above 7000 feet across N NM including I-25 at Raton Pass.**







# Tomorrow's Tornado & Severe Wind / Hail Probabilities

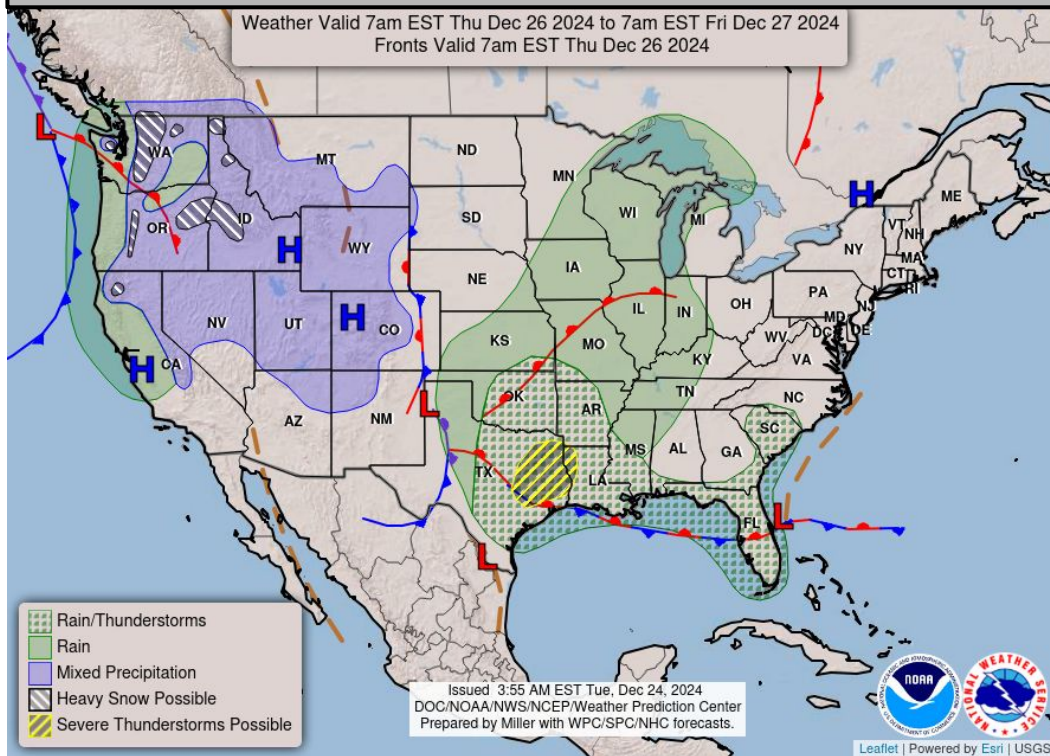




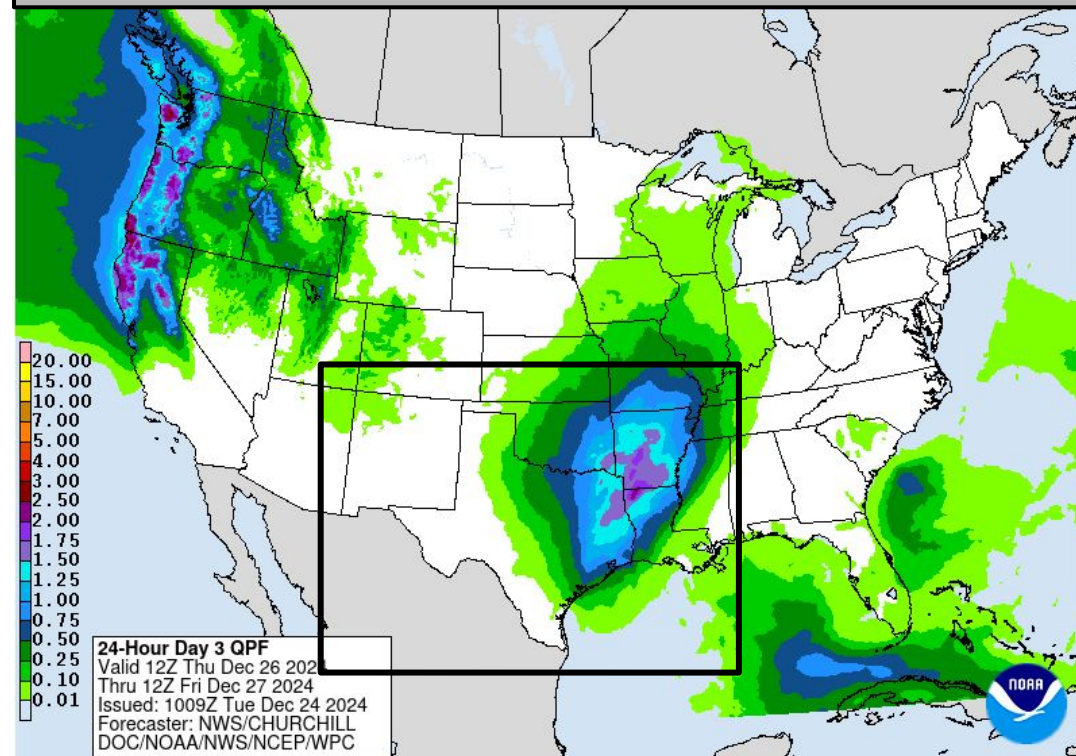


# Thursday's Weather

## Forecast Chart



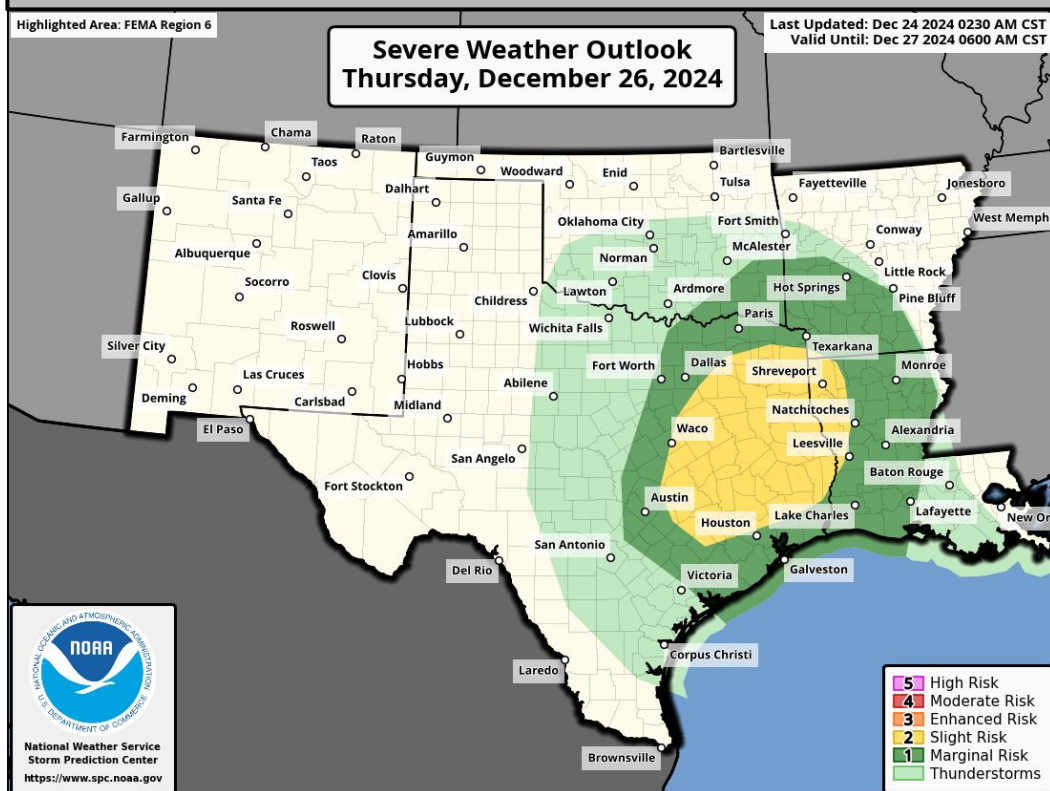
## Forecast Rainfall



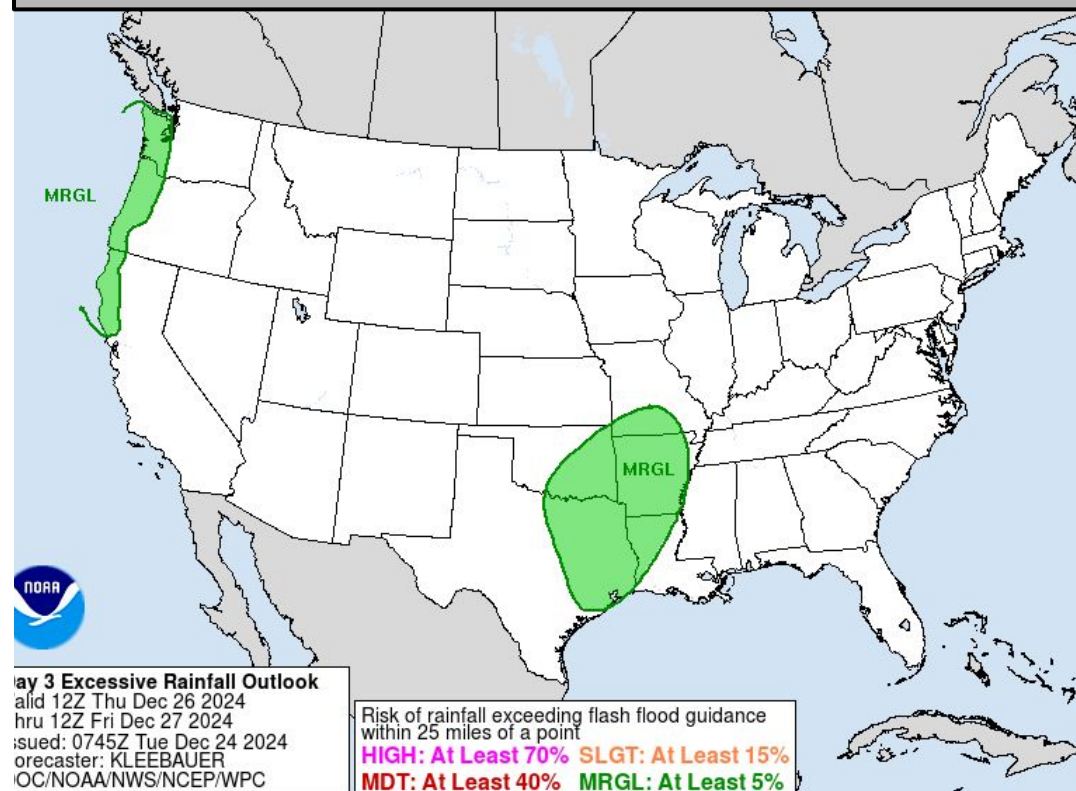
**Slight risk for severe storms (level 2 out of 5) over Ctr/SE TX, W LA; threats include isolated tornadoes, damaging winds, large hail**

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

## Severe Weather Outlook



## Excessive Rainfall Outlook

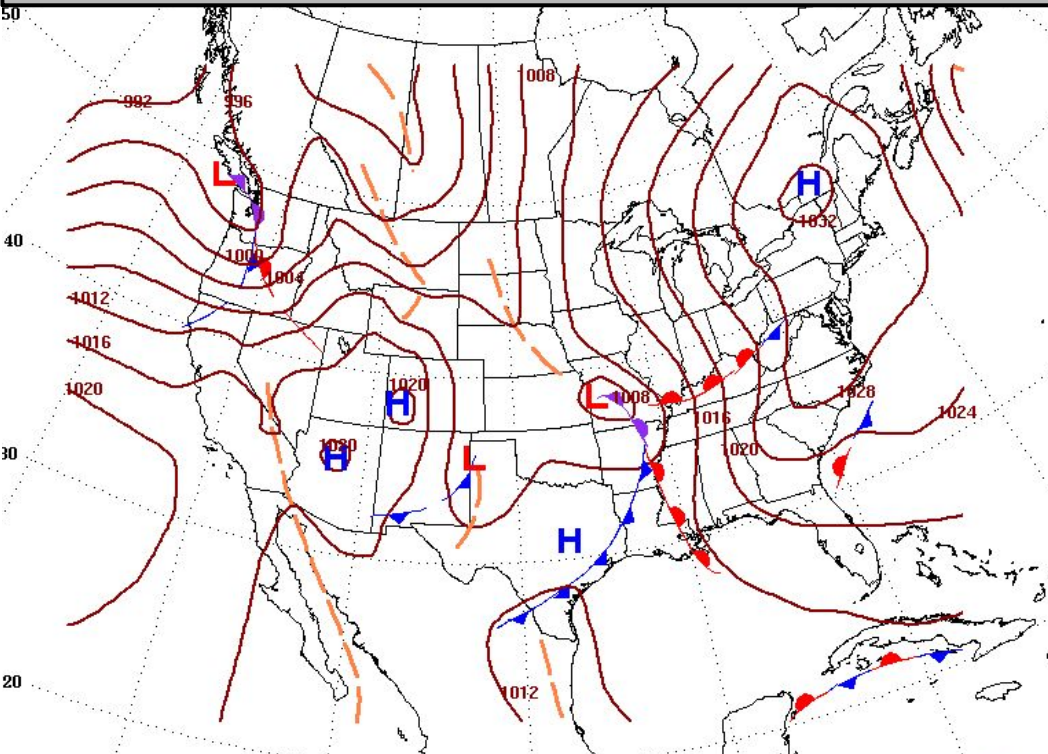




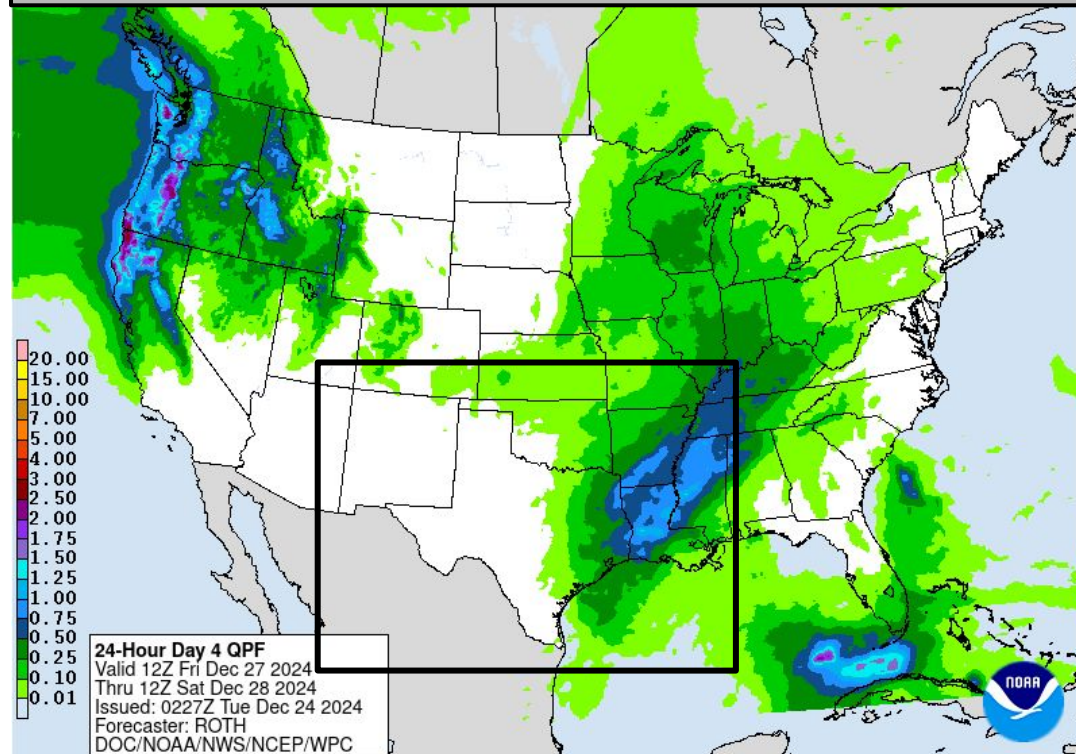


# Friday's Weather

### Forecast Chart

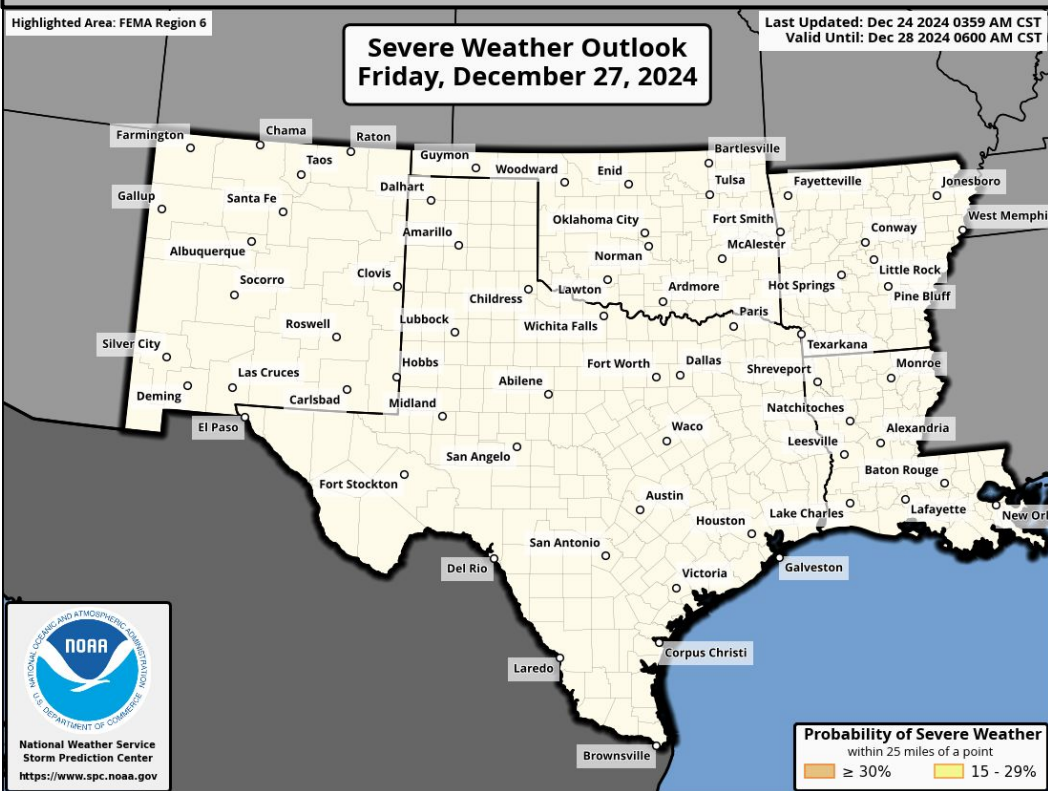


### Forecast Rainfall

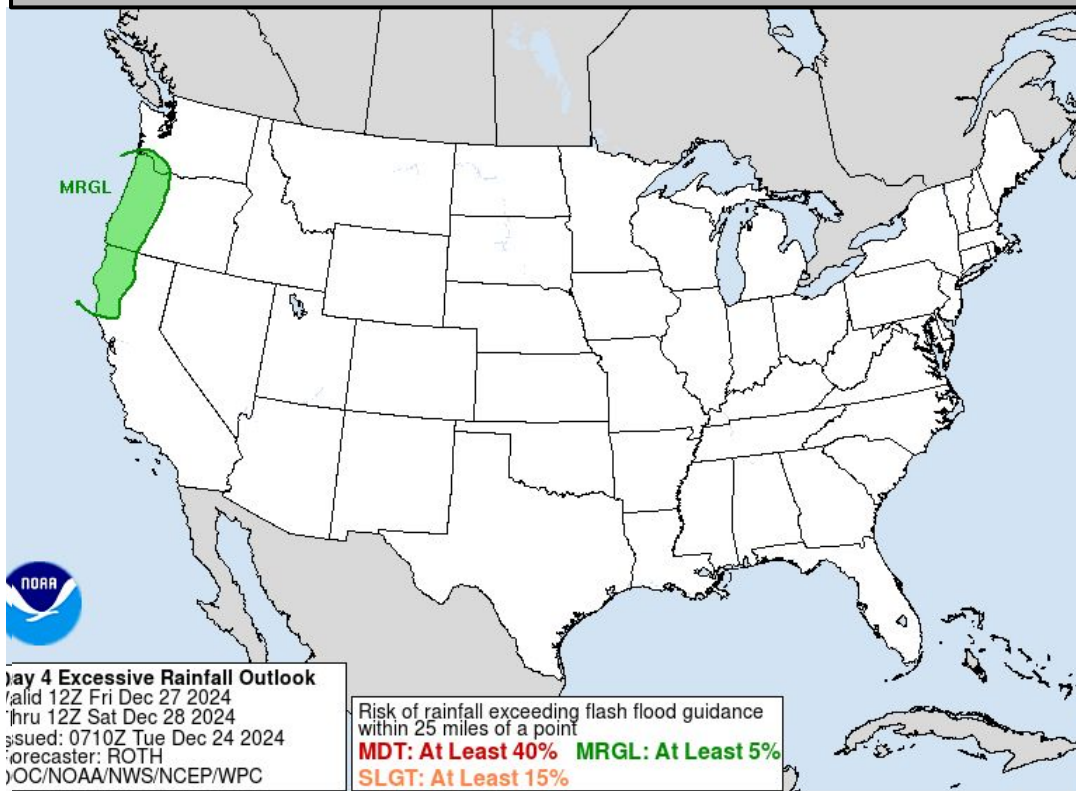


**No significant weather expected.**

### Severe Weather Outlook



### Excessive Rainfall Outlook

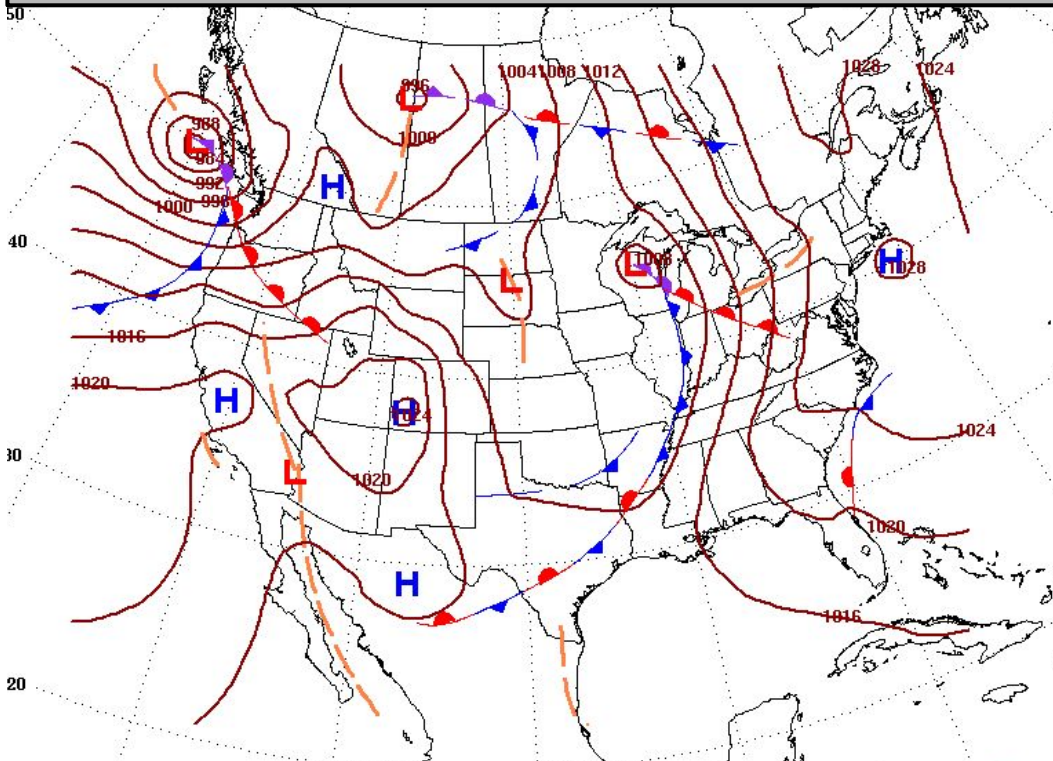




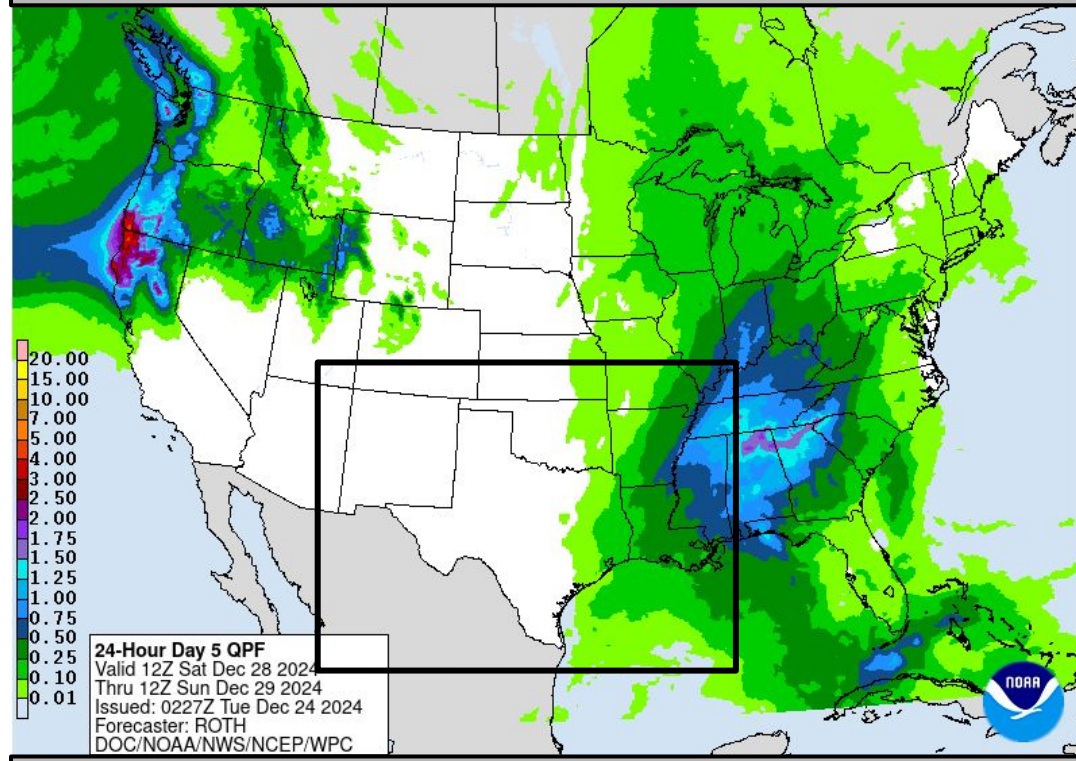


# Saturday's Weather

### Forecast Chart

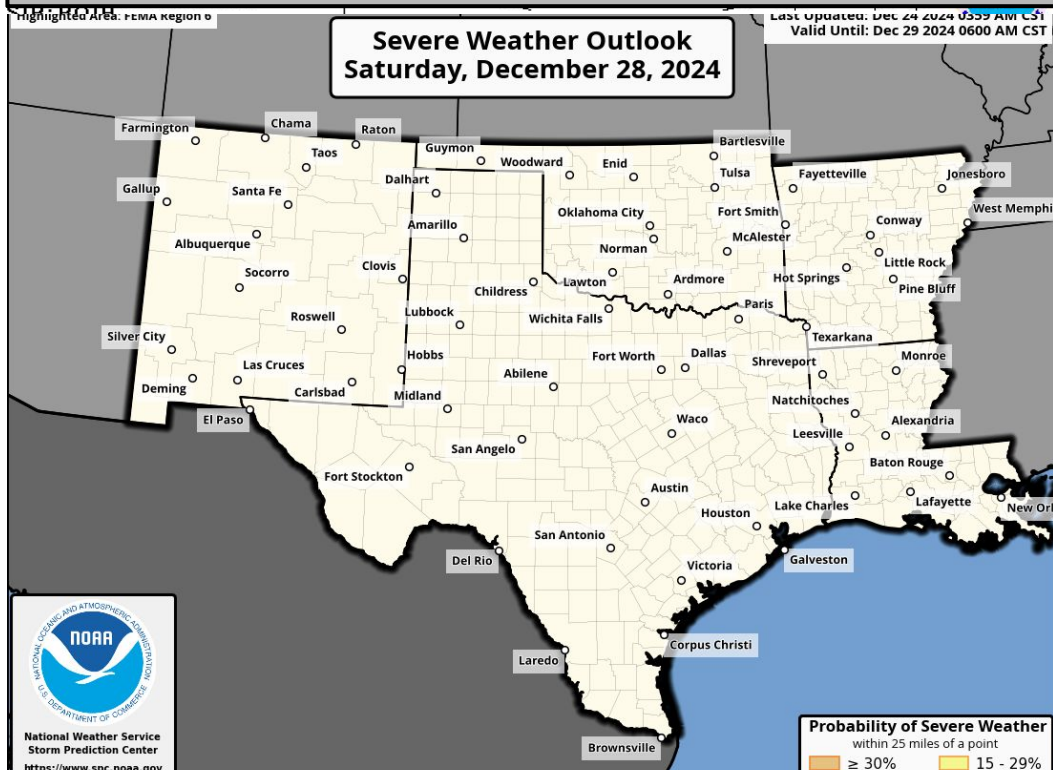


### Forecast Rainfall

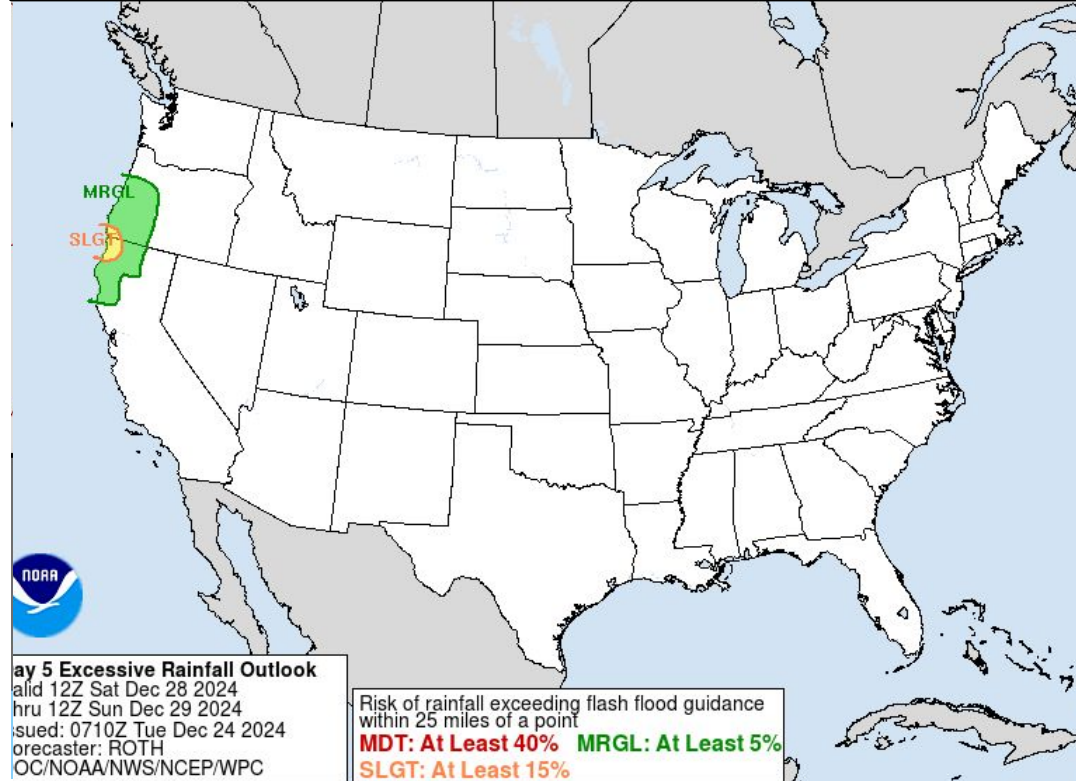


**No significant weather expected.**

### Severe Weather Outlook



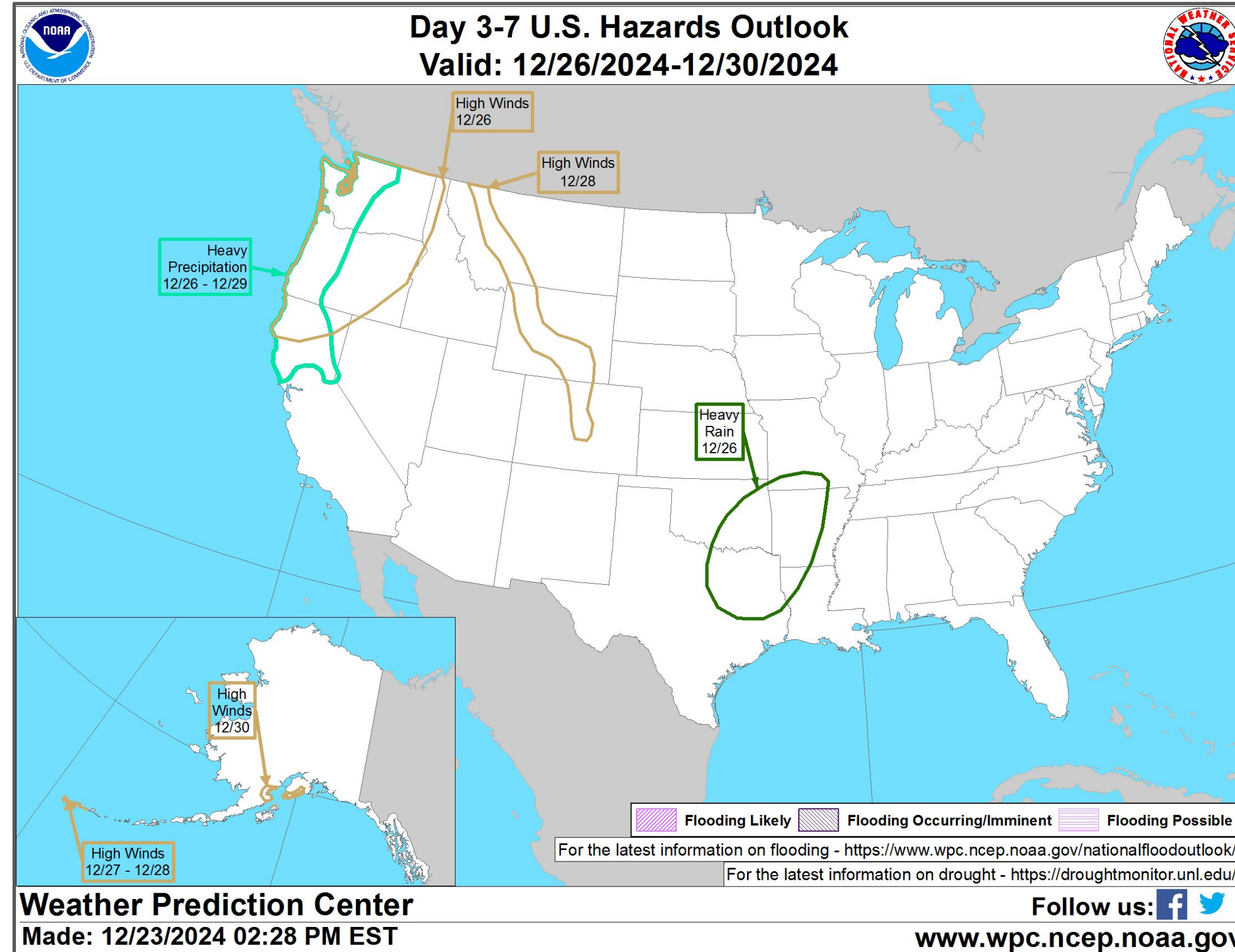
### Excessive Rainfall Outlook







# “Day 3-7” 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:

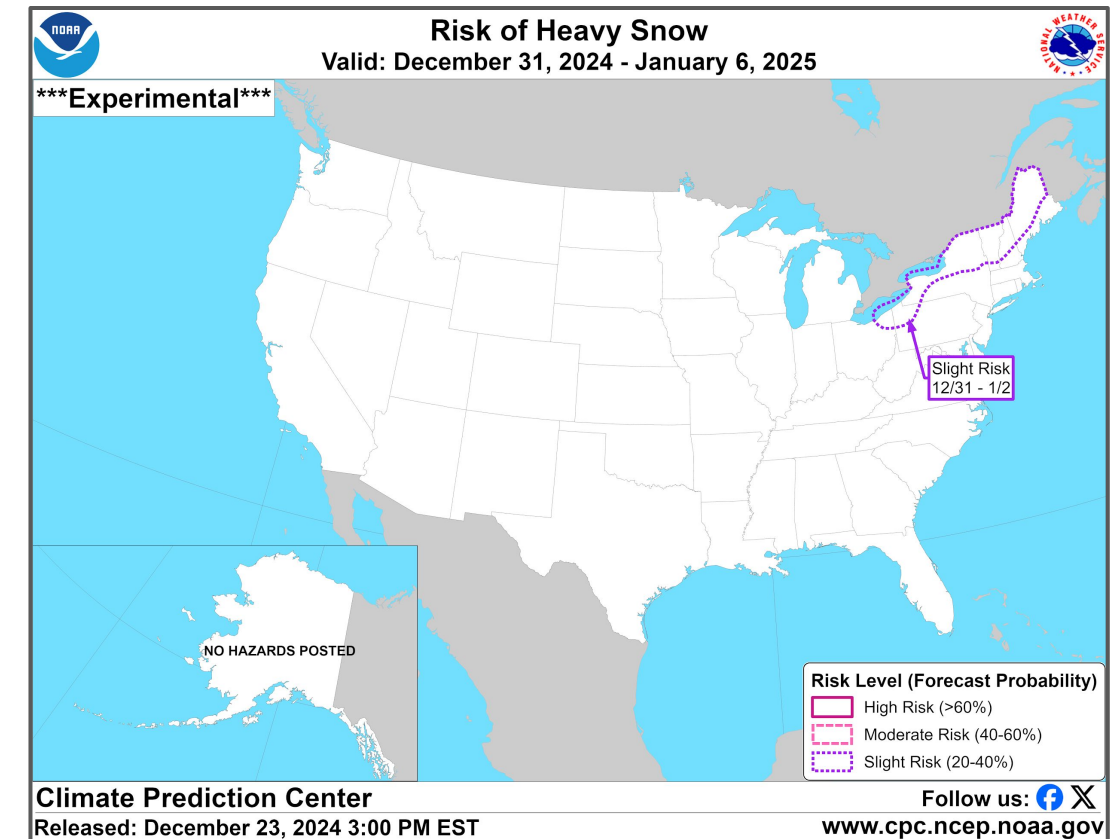
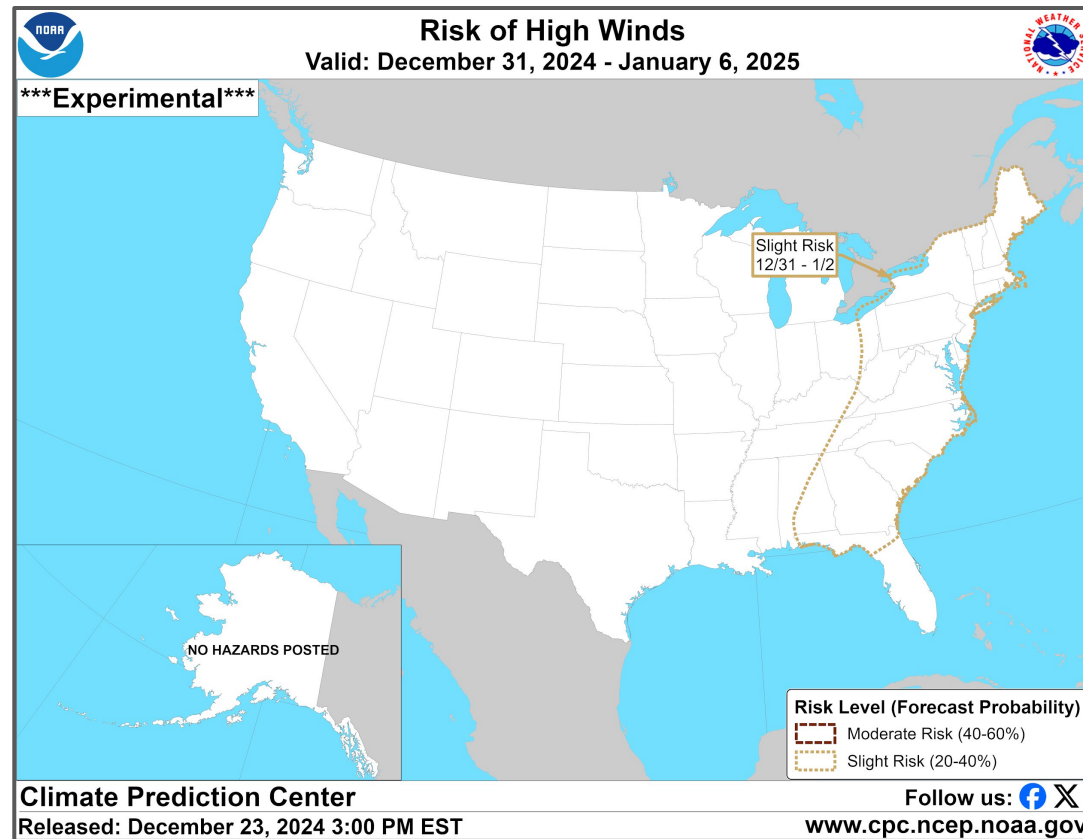
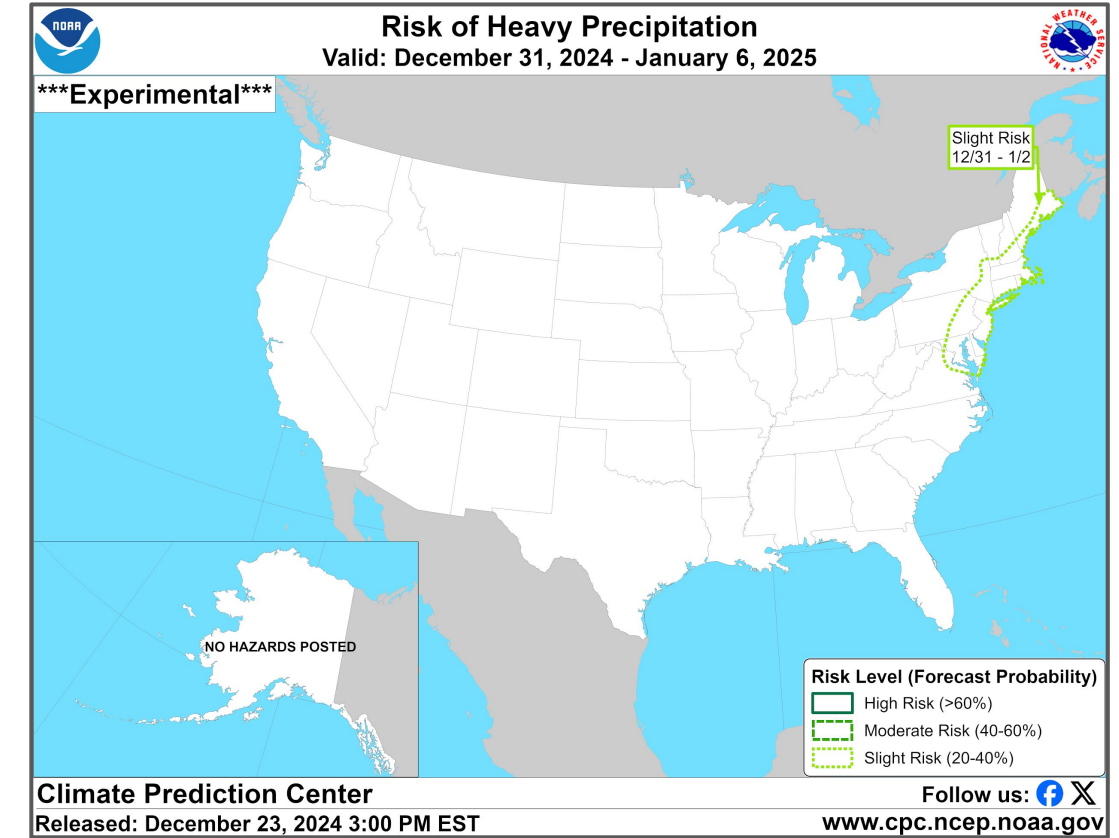
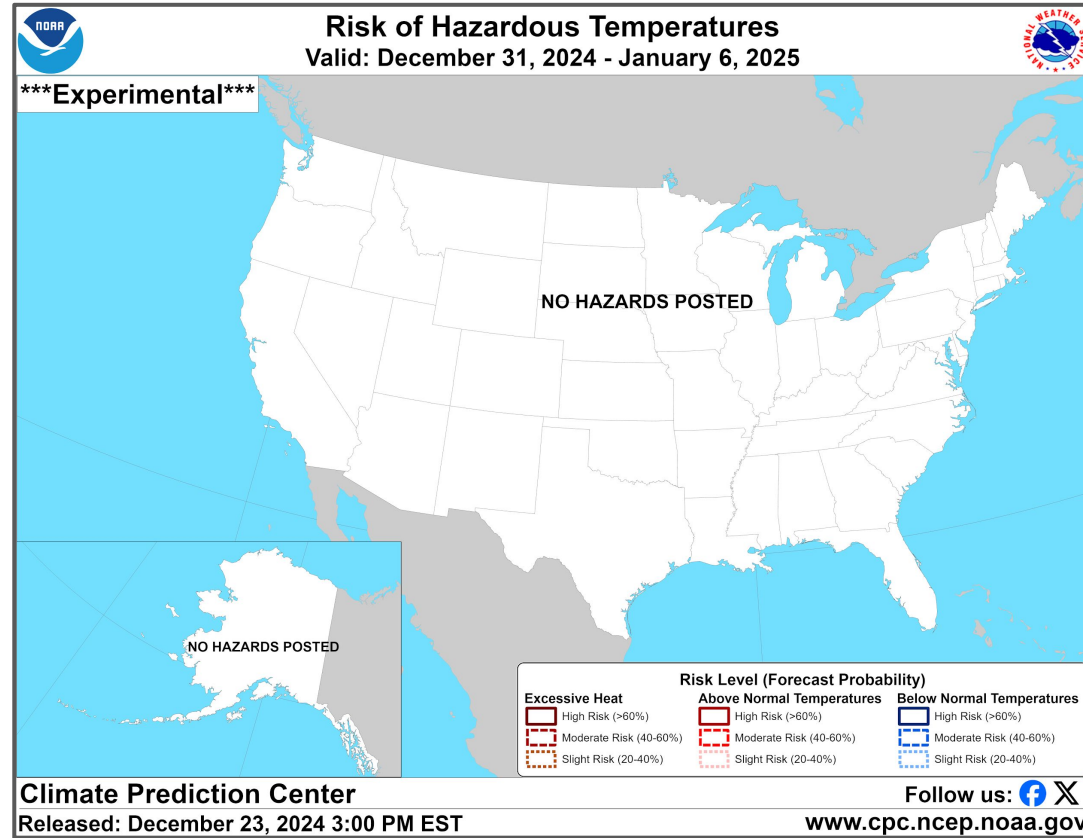
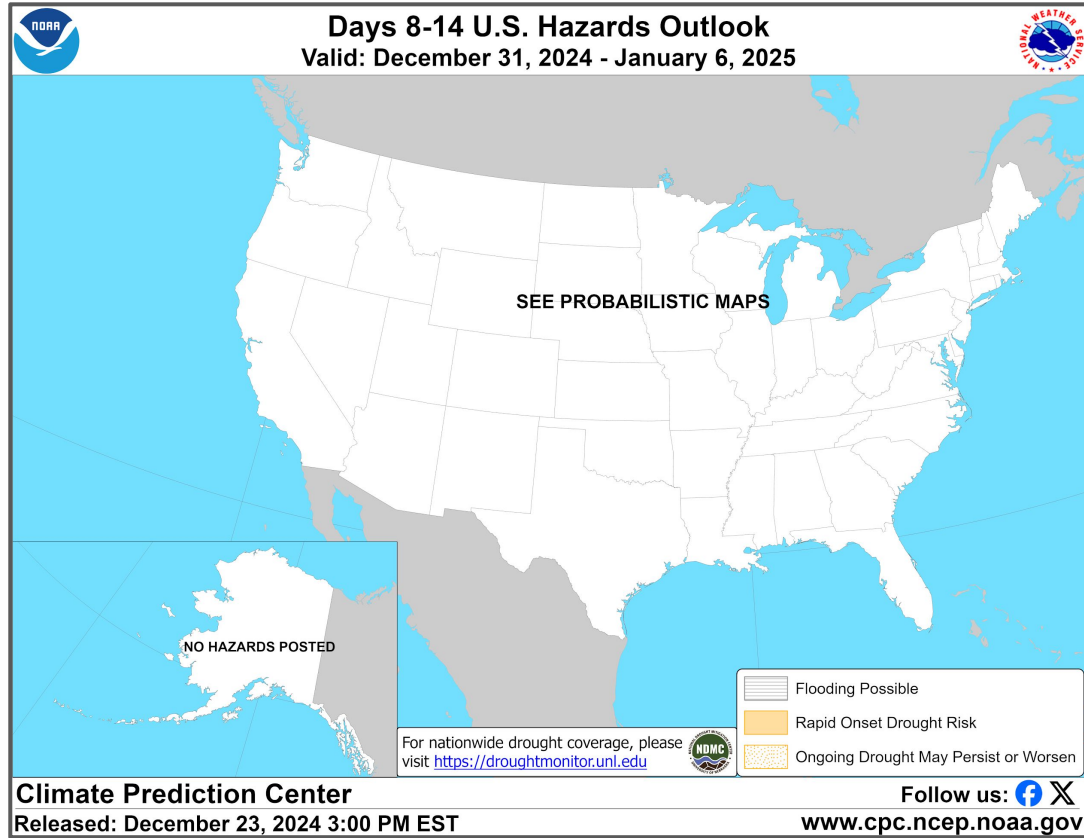
1. The “day 3-7” will really be days 2-6
2. This slide will be hidden on Mondays and Sundays so the data/information is not too old

For additional information on this outlook go to <https://origin.wpc.ncep.noaa.gov/threats/threats.php>





# “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:

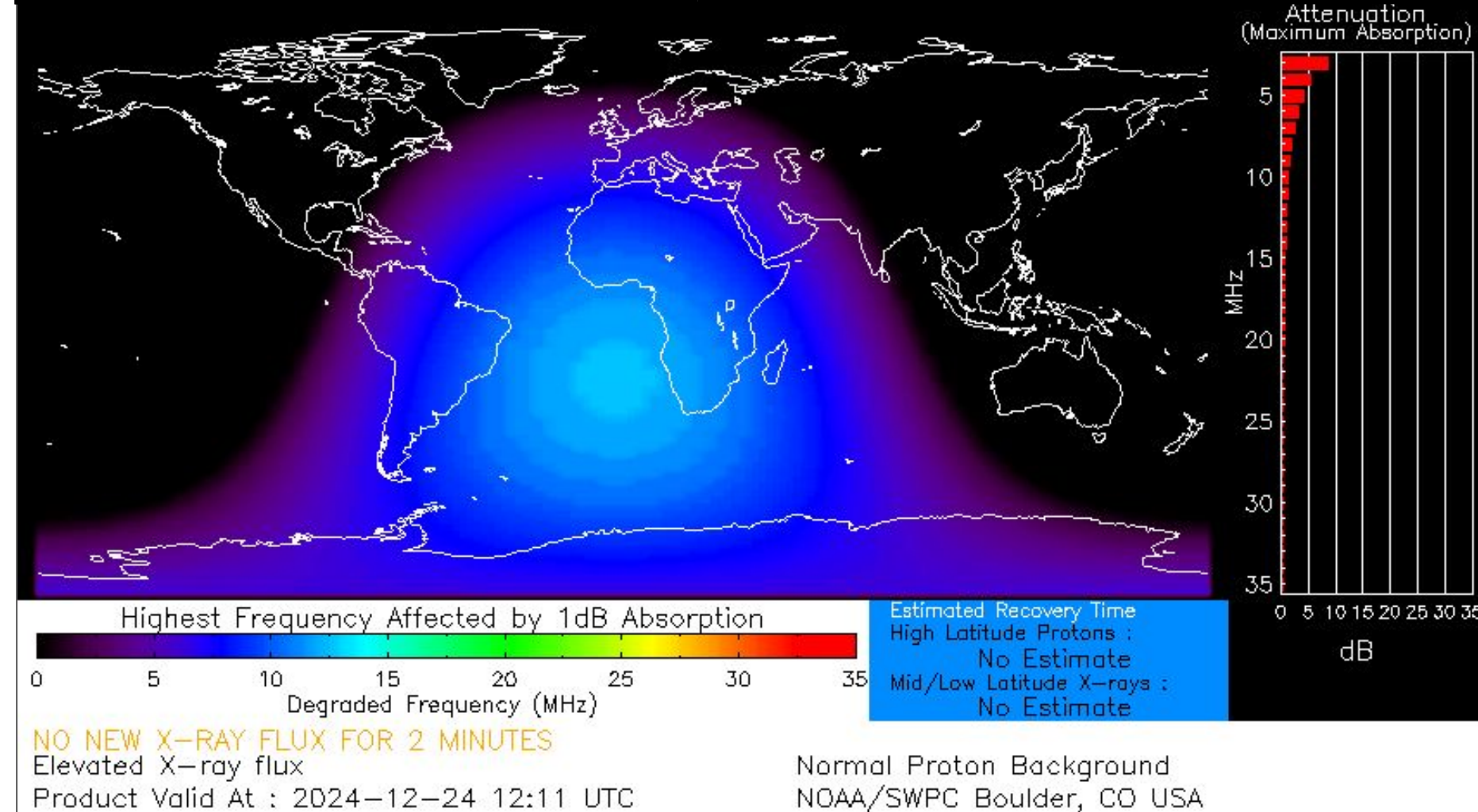
1. The “day 8-14” will really be days 7-13
2. This slide will be hidden on Mondays and Sundays so the data/information is not too old

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



# Space Weather 3-Day Forecast

|                                      | Tuesday, Dec 24                   | Wednesday, Dec 25                      | Thursday, Dec 26              |
|--------------------------------------|-----------------------------------|--|-------------------------------|
| <b>Geomagnetic Storms</b>            | <b>Unsettled<br/>(Max Kp = 3)</b> | <b>Minor G1 Storm<br/>(Max Kp = 5)</b> | <b>Quiet<br/>(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<br/>Impact Potential: Typically Results in Little Inconvenience to Daily Routines</p>                                      | <p>Severe: Marginal Risk from SPC<br/>Flooding: Minor flooding expected over localized areas<br/>Tropical: None<br/>Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active</p>   | <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<br/>Impact Potential: Typically Results in Some Inconvenience to Daily Life</p>   | <p>Severe: Slight Risk from SPC<br/>Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas<br/>Tropical: A weak tropical wave expected to move towards or near any coastline<br/>Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook</p>   | <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<br/>Impact Potential: Typically Results in Minor Disruption to Daily Life</p>                                | <p>Severe: Enhanced Risk from SPC<br/>Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas<br/>Tropical: A Tropical Storm expected to move towards or near any coastline<br/>Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions</p> | <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<br/>Impact Potential: Will likely result in Large Disruption to Daily Life</p>                        | <p>Severe: Moderate Risk from SPC<br/>Flooding: Moderate flooding expected over a widespread area (including urban locations)<br/>Tropical: A Hurricane expected to move towards or near any coastline<br/>Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought</p>  | <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<br/>Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life</p> | <p>Severe: High Risk from SPC<br/>Flooding: Major flooding expected over a widespread area (including urban locations)<br/>Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline<br/>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</p>                            | <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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