



# FEMA



Prepared by  
*Melissa Beat*

# FEMA Region 6 Weather Threat Briefing

Thursday November 30, 2023

**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).



NWSSouthern

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



# Summary of the Upcoming Week






- **Slight to enhanced risk for severe storms in SE TX and SW LA today. Marginal risk for severe storms in LA Friday.**
- **Slight risk for heavy rain/flash flooding for SE TX, SW LA today. Marginal risk for SE LA through Saturday.**
- **Snow/hazardous travel for the northern and western mountains of NM through Saturday.**



# FEMA Region 6 Threat Matrix

Nov 30, 2023 - Dec 4, 2023

DAY / THREAT	Thu	Fri	Sat	Sun	Mon
Severe Storms	SETX	SE LA			
	SW LA				
Heavy Rain / Flash Flooding	SETX, SW LA	SE LA	SE LA		
Fire Weather					
Tropical Winds / Surge					
Winter Weather	N&W NM mountains	N&W NM mountains	N&W NM mountains		
River Flooding					

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

*\*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.*



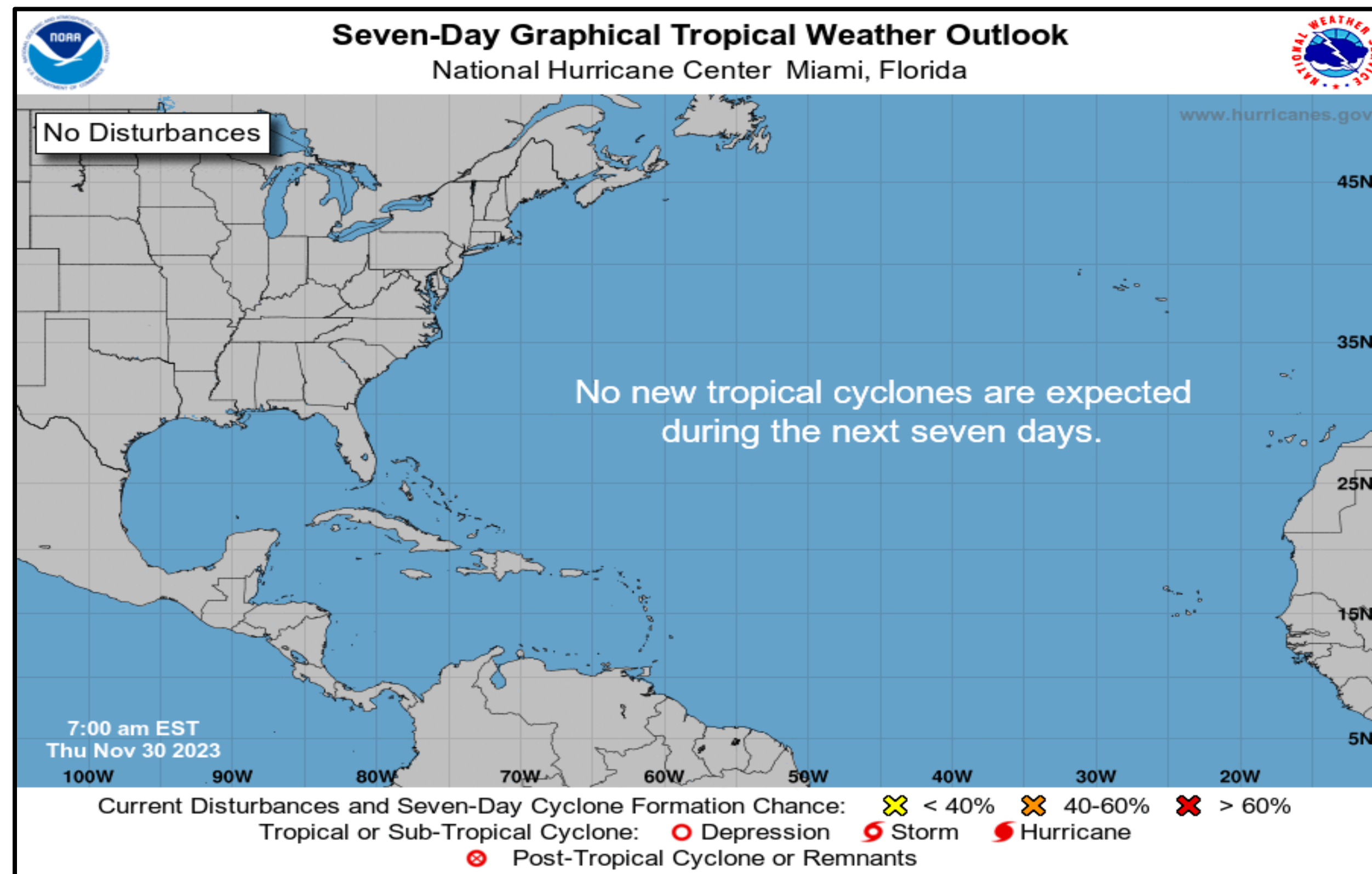
# Tropical Weather Outlook – Atlantic/Gulf

## Areas of Possible Development

Area	Chance of Development	Potential Impacts to FEMA 6

## Active Tropical Cyclones

Storm	Potential Impacts to FEMA 6
-	

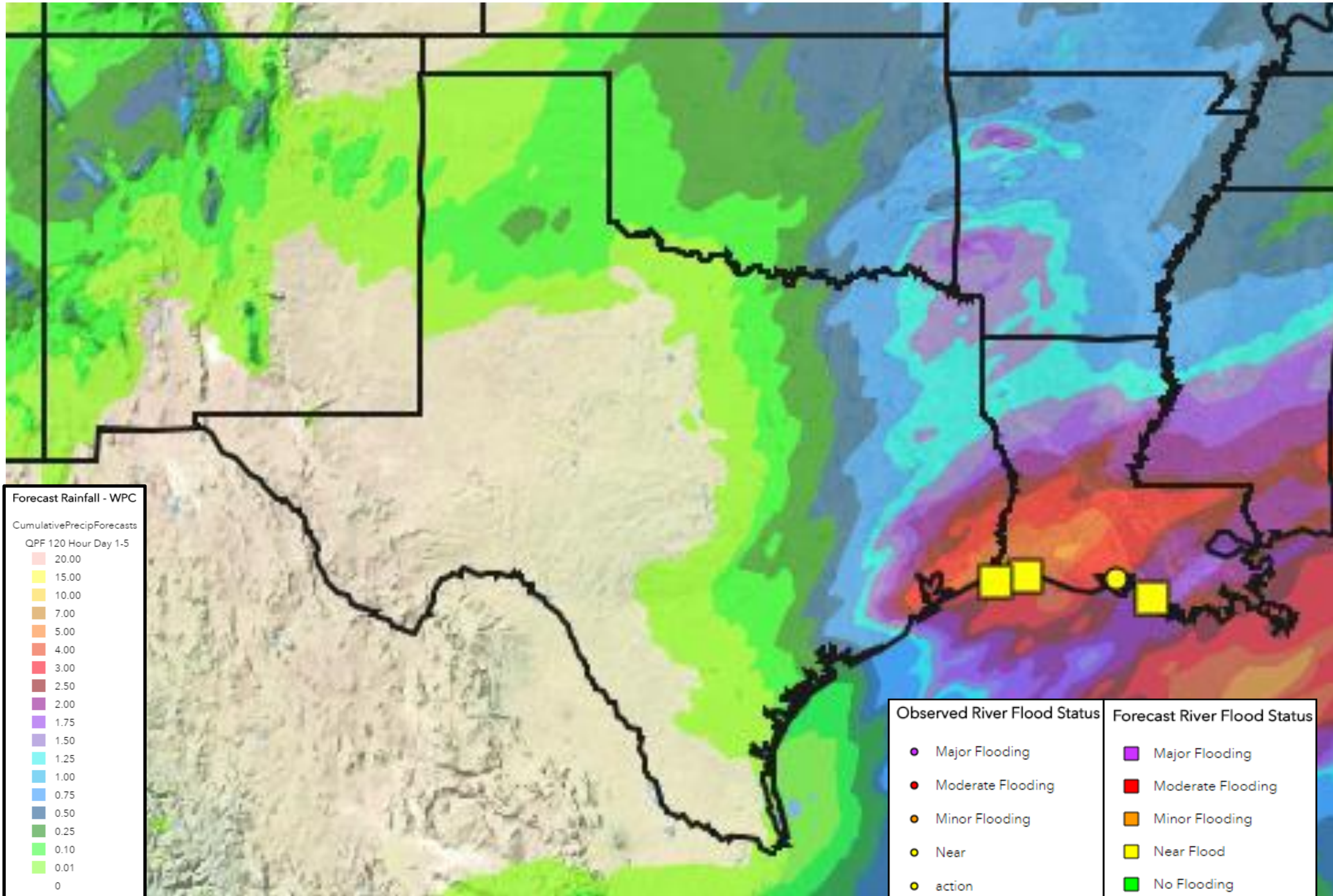


See <http://www.hurricanes.gov> for the latest on the tropics or any active storms



# 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



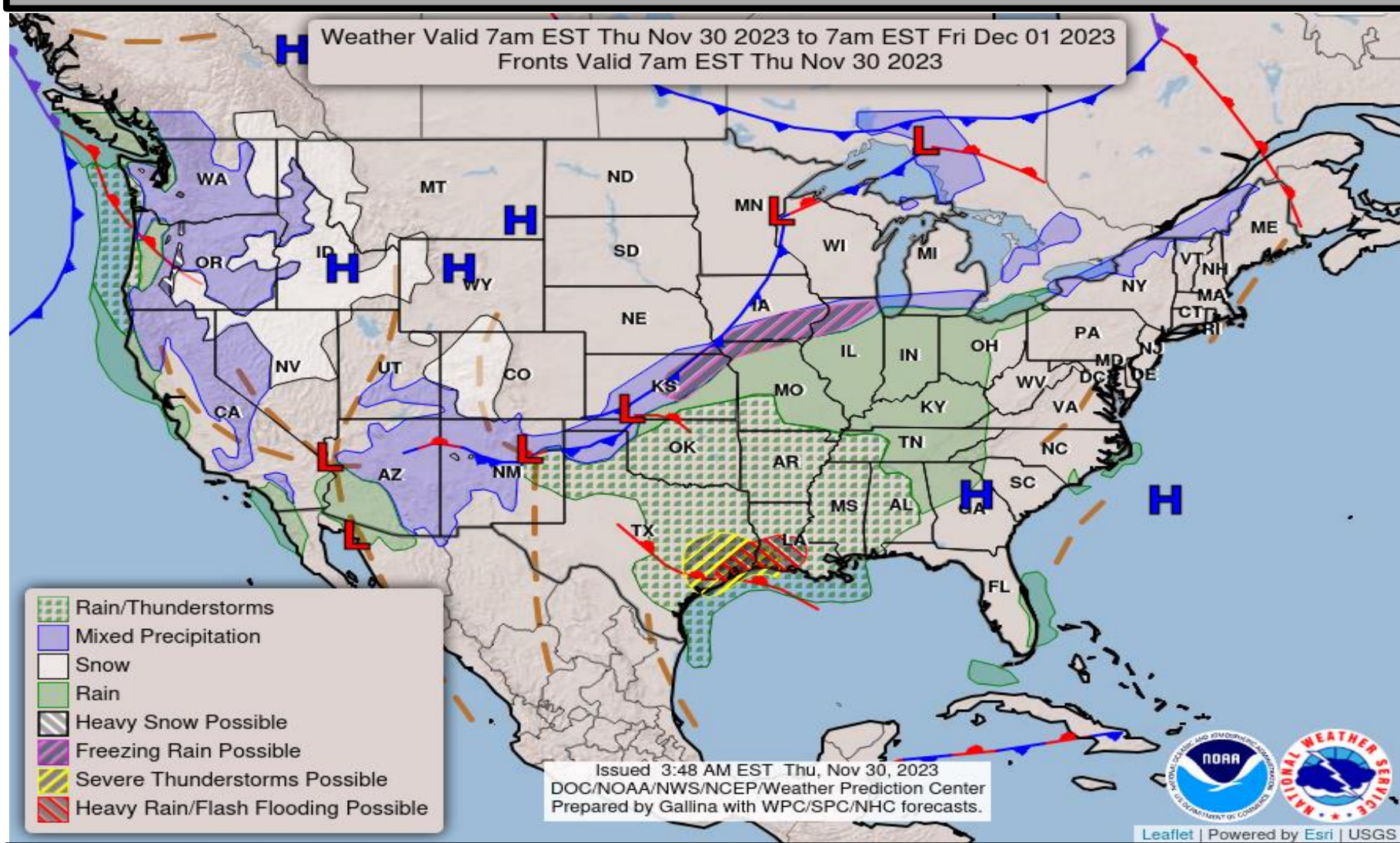
**No significant river flooding expected.**

<http://water.weather.gov/ahps> for latest river flooding

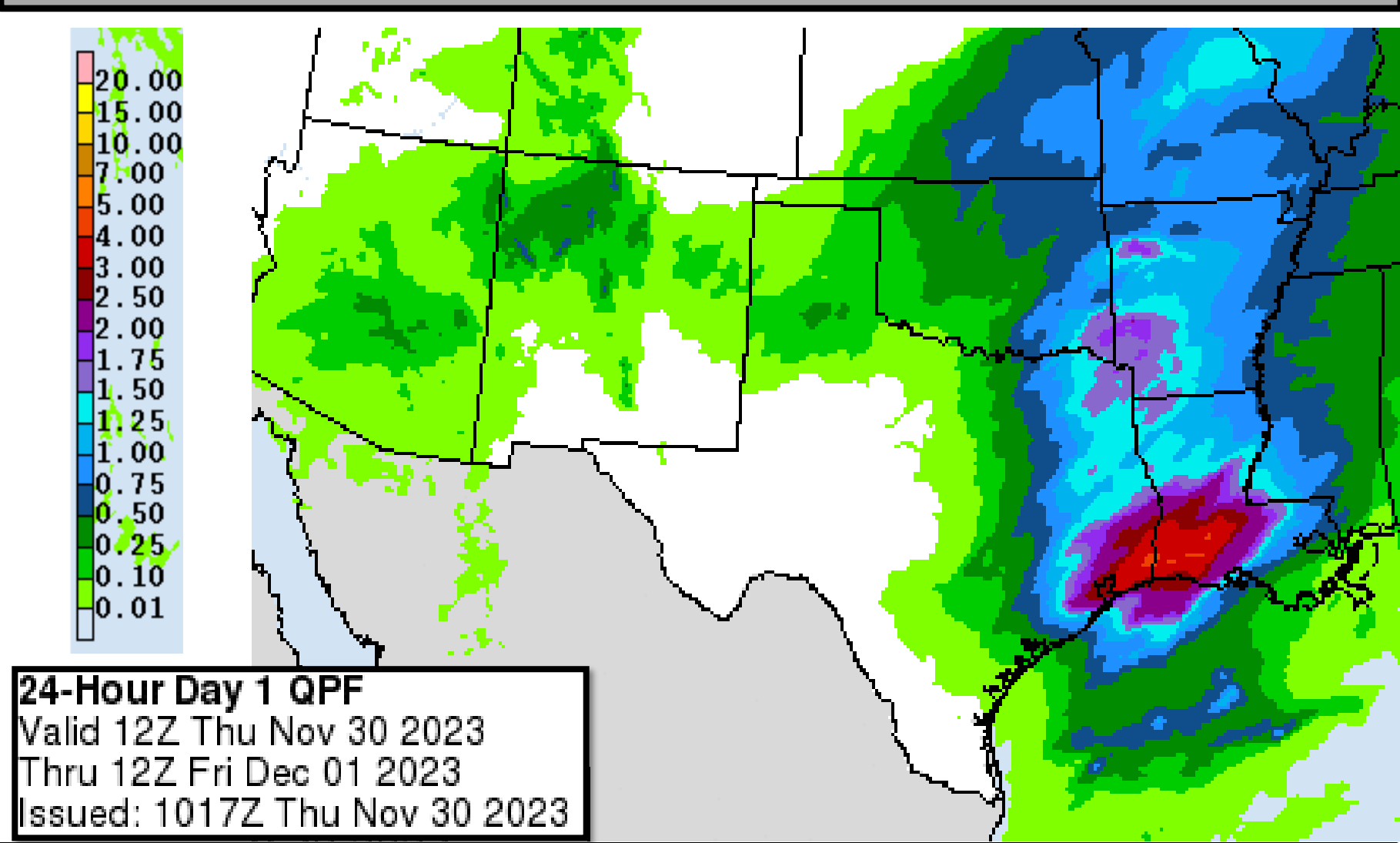


# Today's Weather

## Forecast Chart



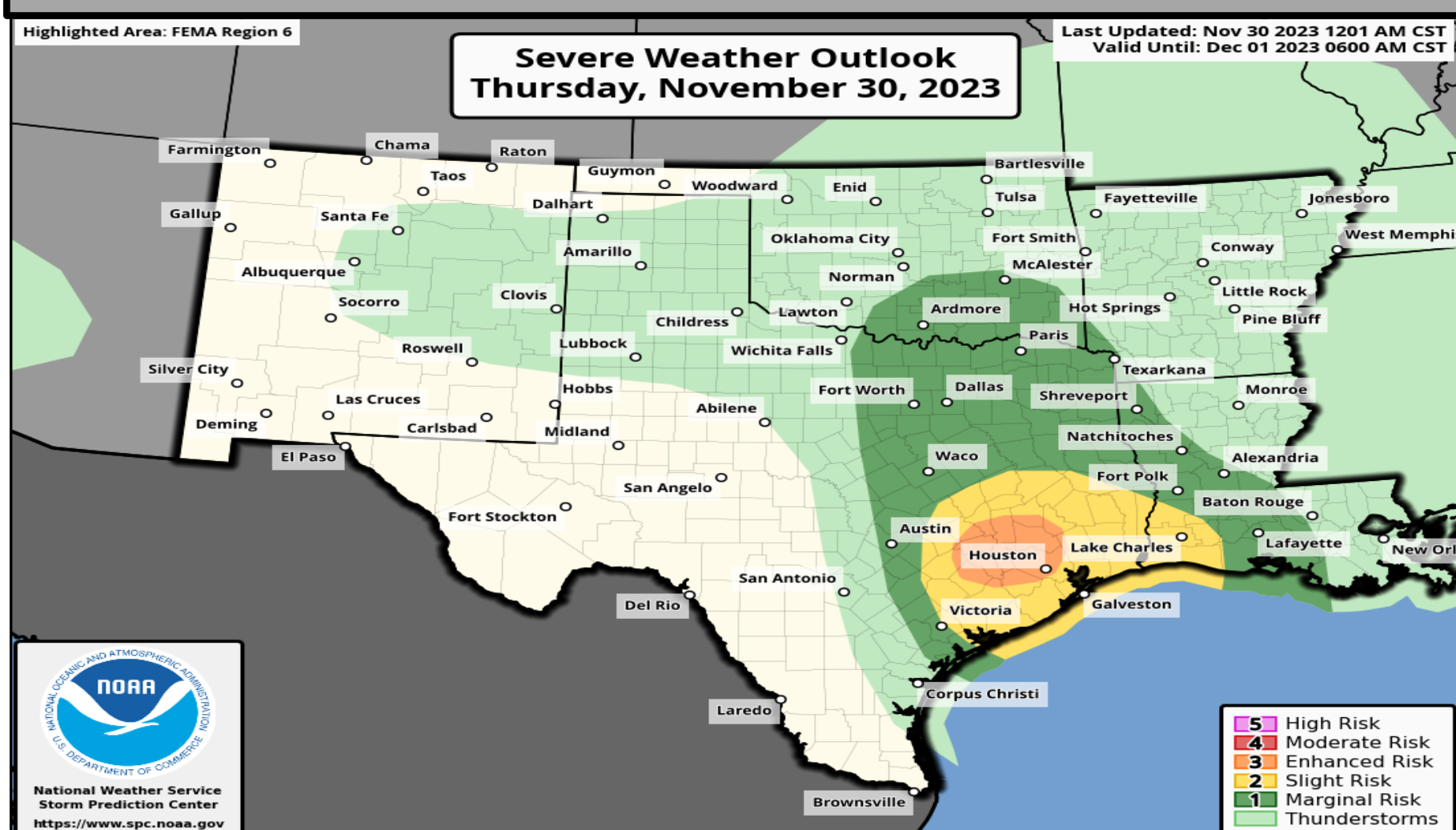
## Forecast Rainfall



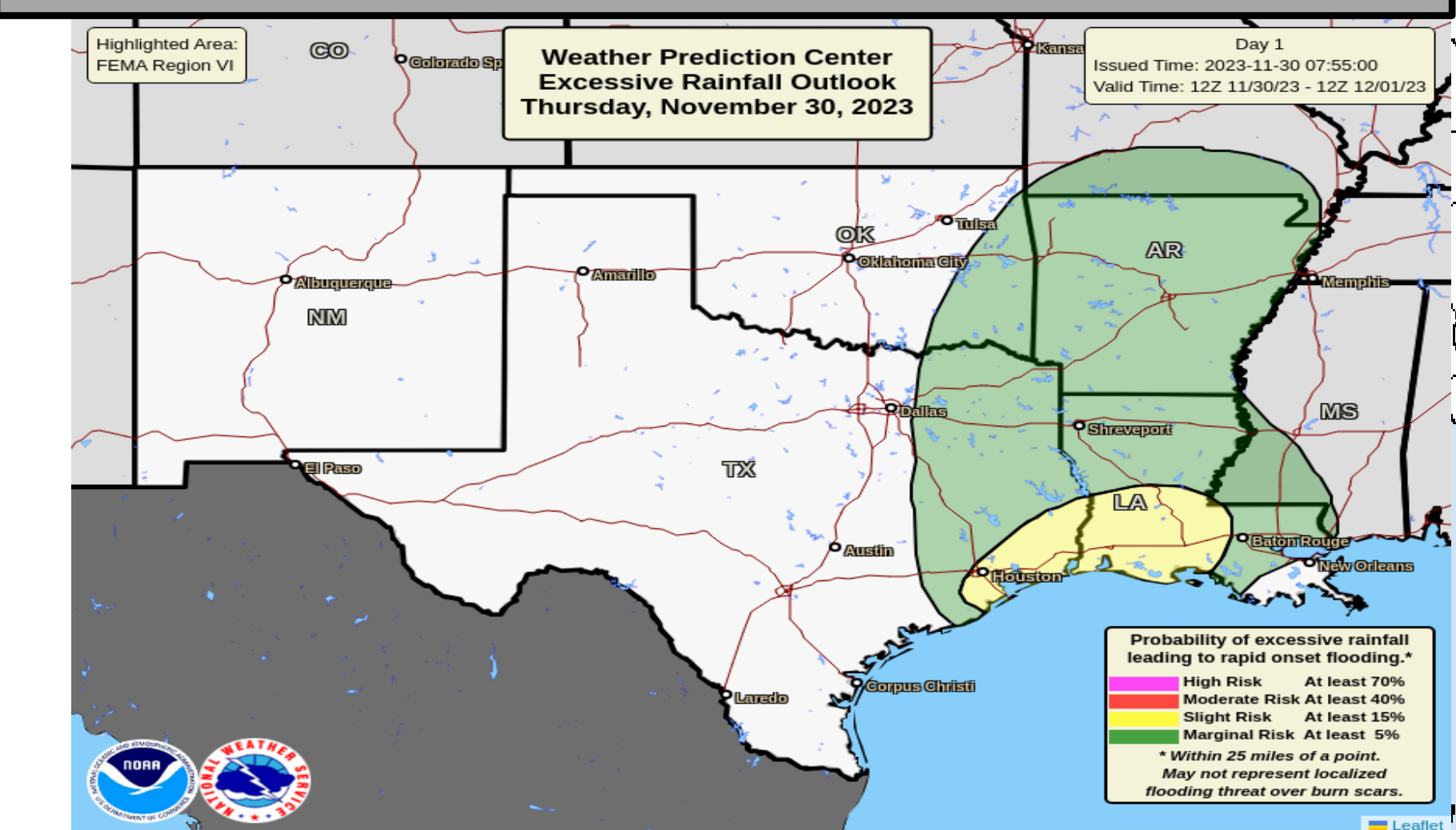
**Slight to enhanced risk of severe thunderstorms across SETX, SW LA.**

**Severe storms may form as early as daybreak for the western edge, around Houston by late morning, and entering LA by the late afternoon. Storms continue overnight for LA.**

## Severe Weather Outlook



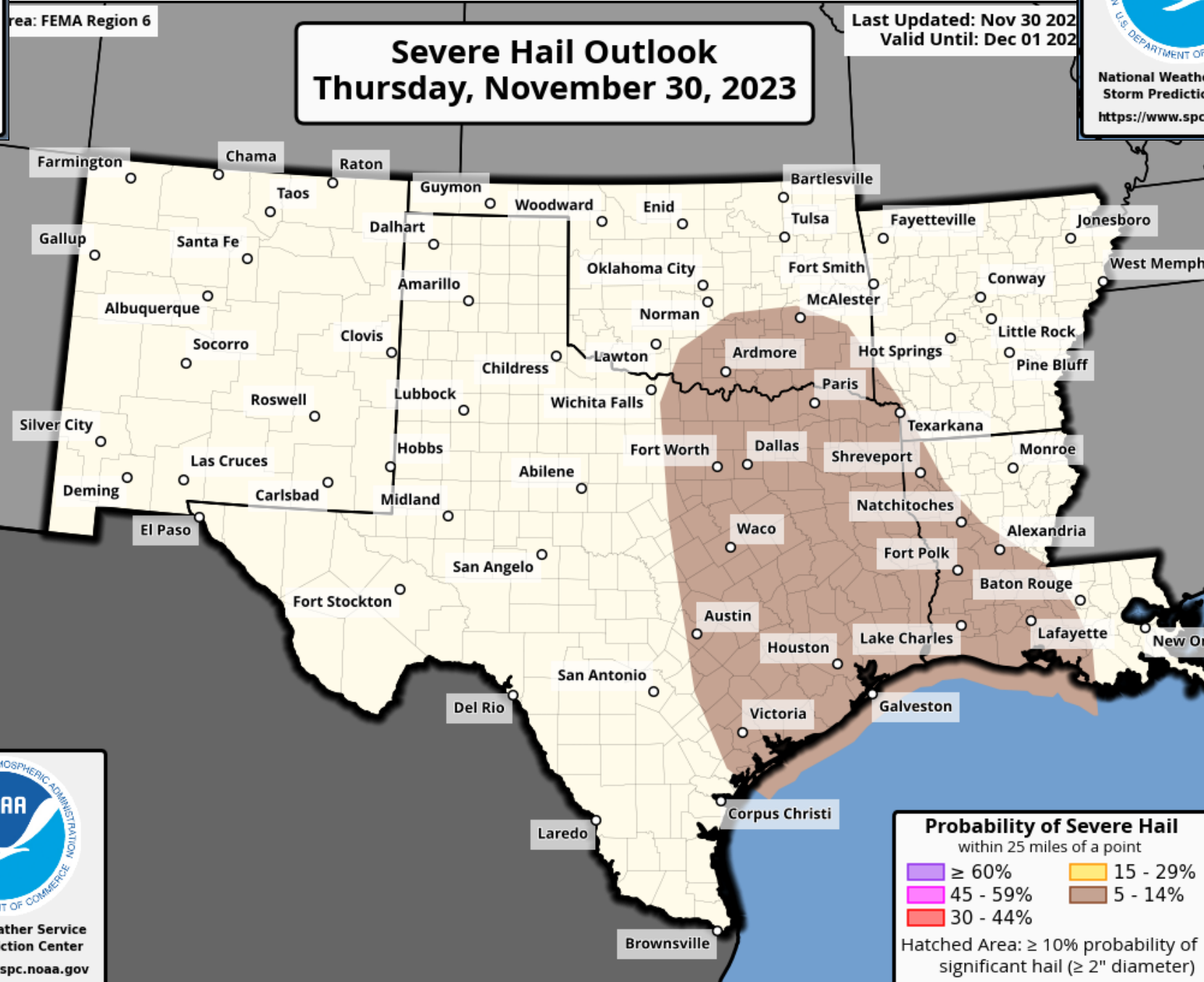
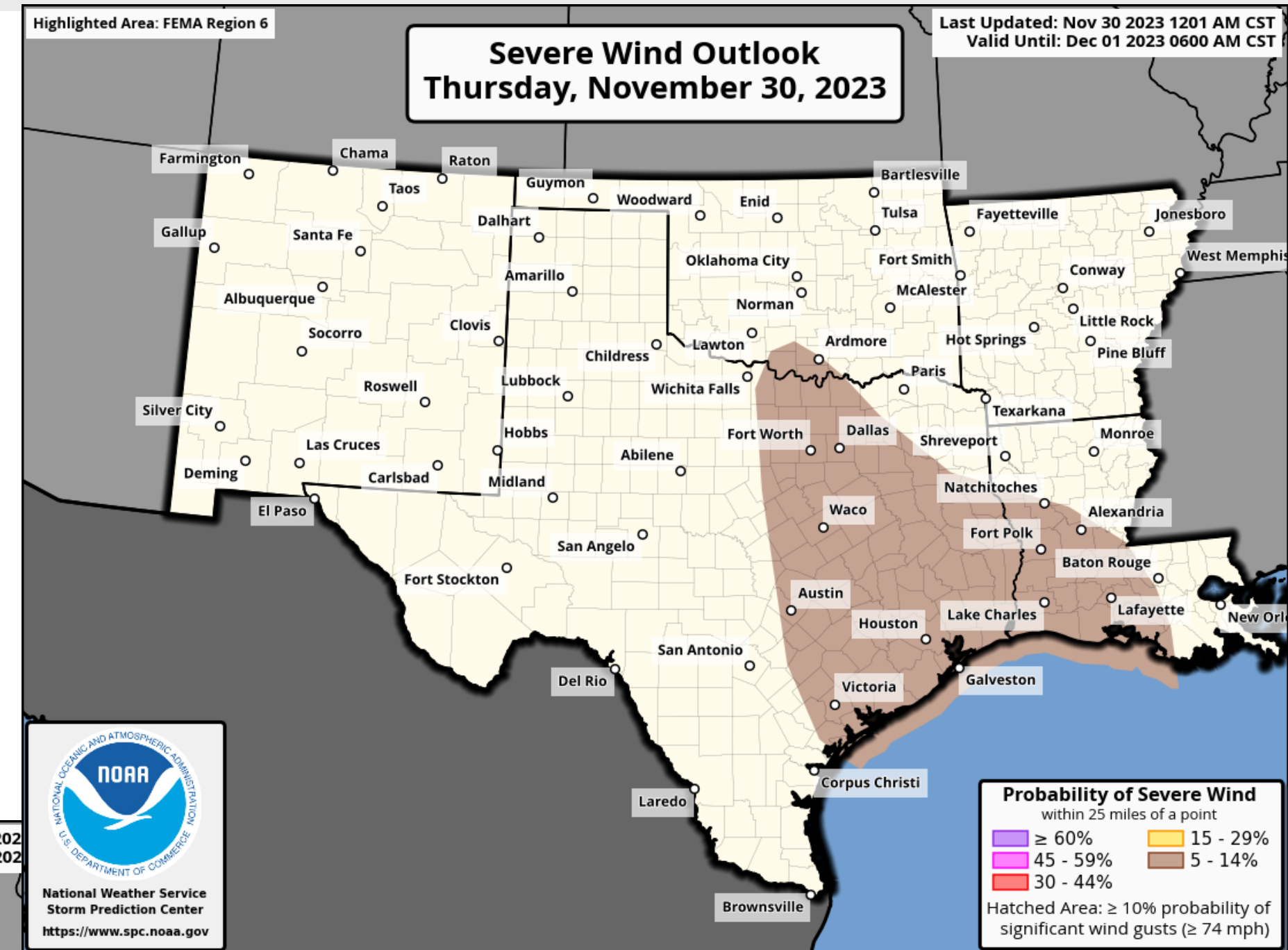
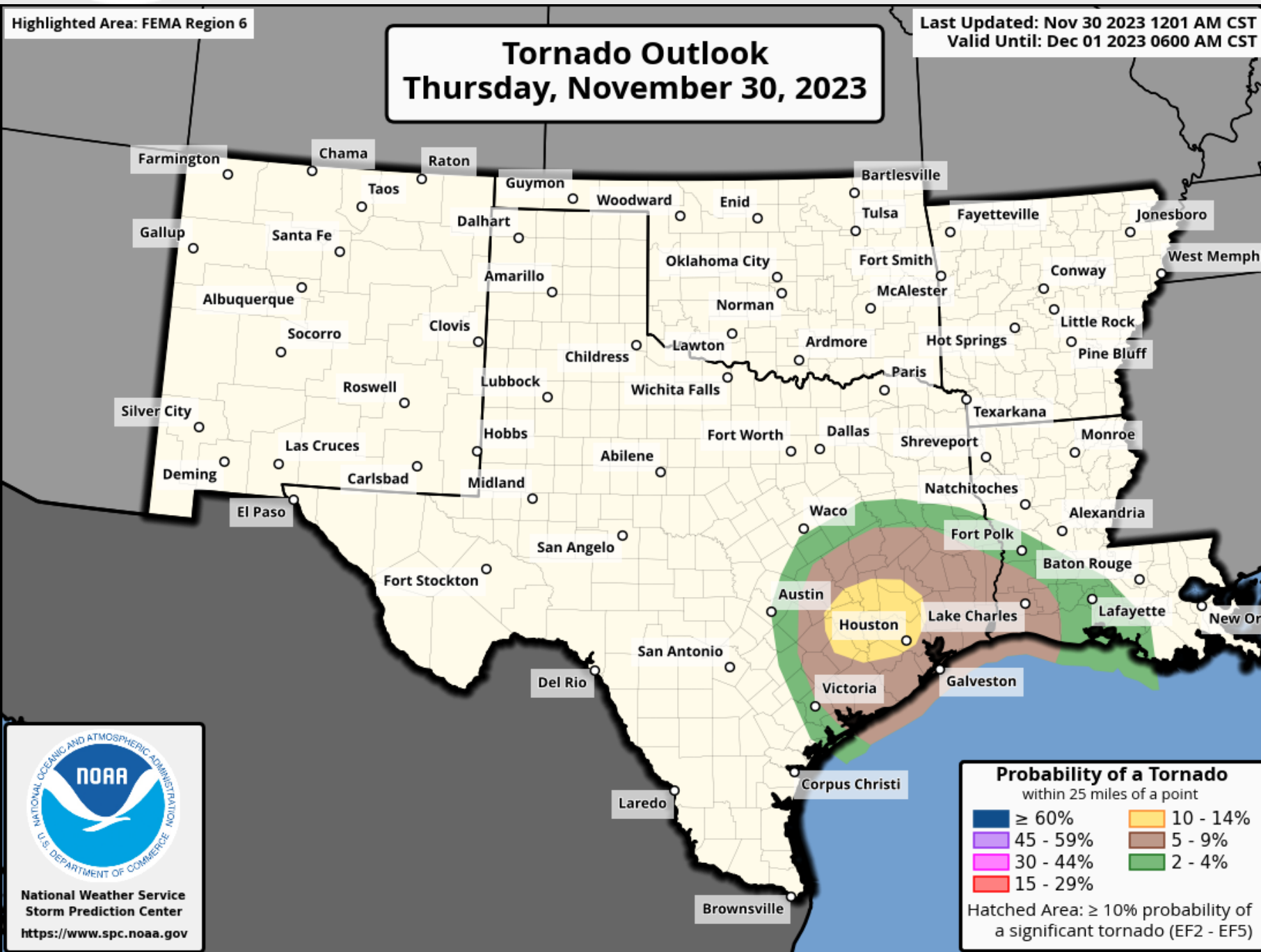
## Excessive Rainfall Outlook



**Slight risk for heavy rainfall/flash flooding across SE TX, SW LA.**



# Today's Tornado & Severe Wind / Hail Probabilities



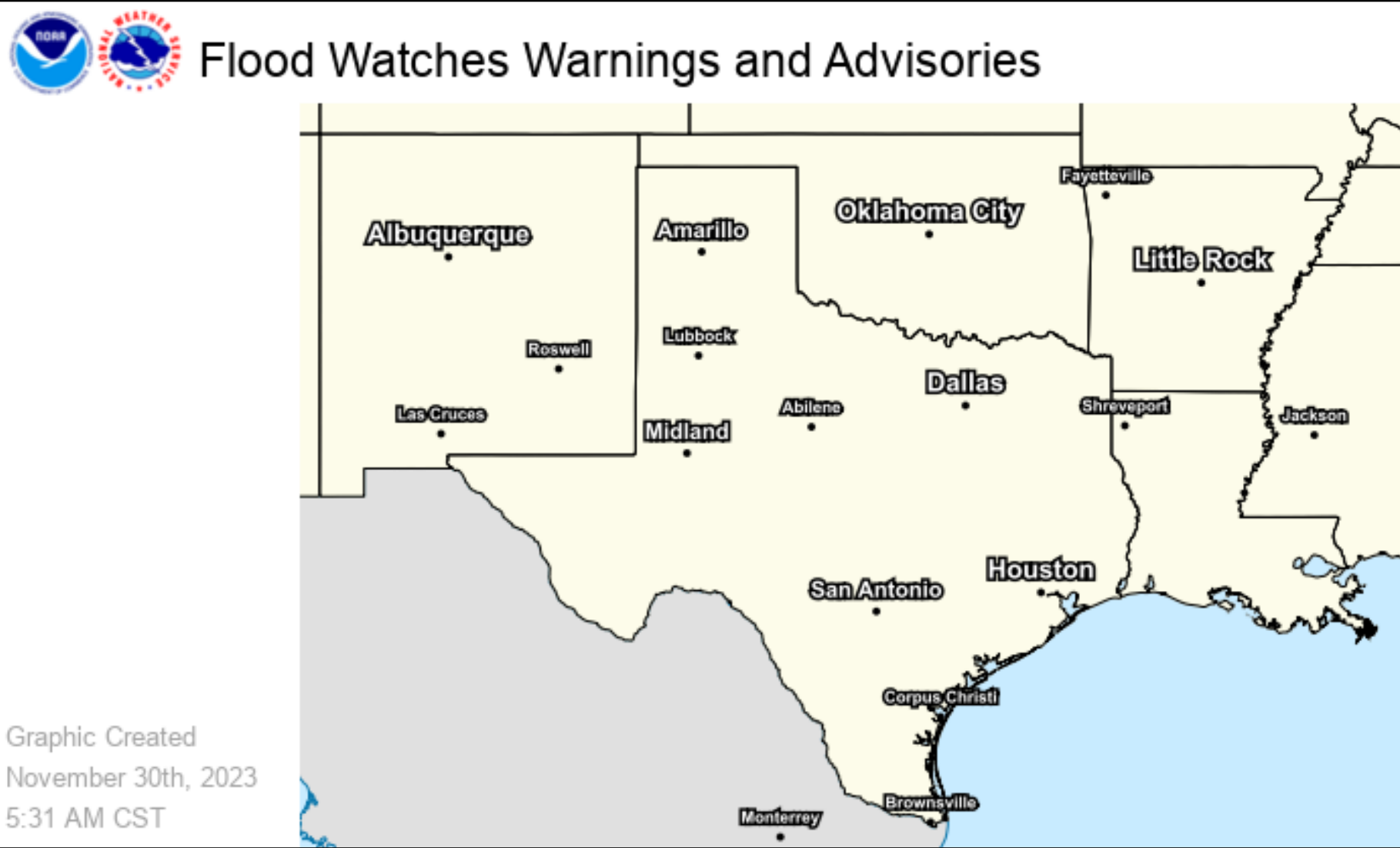
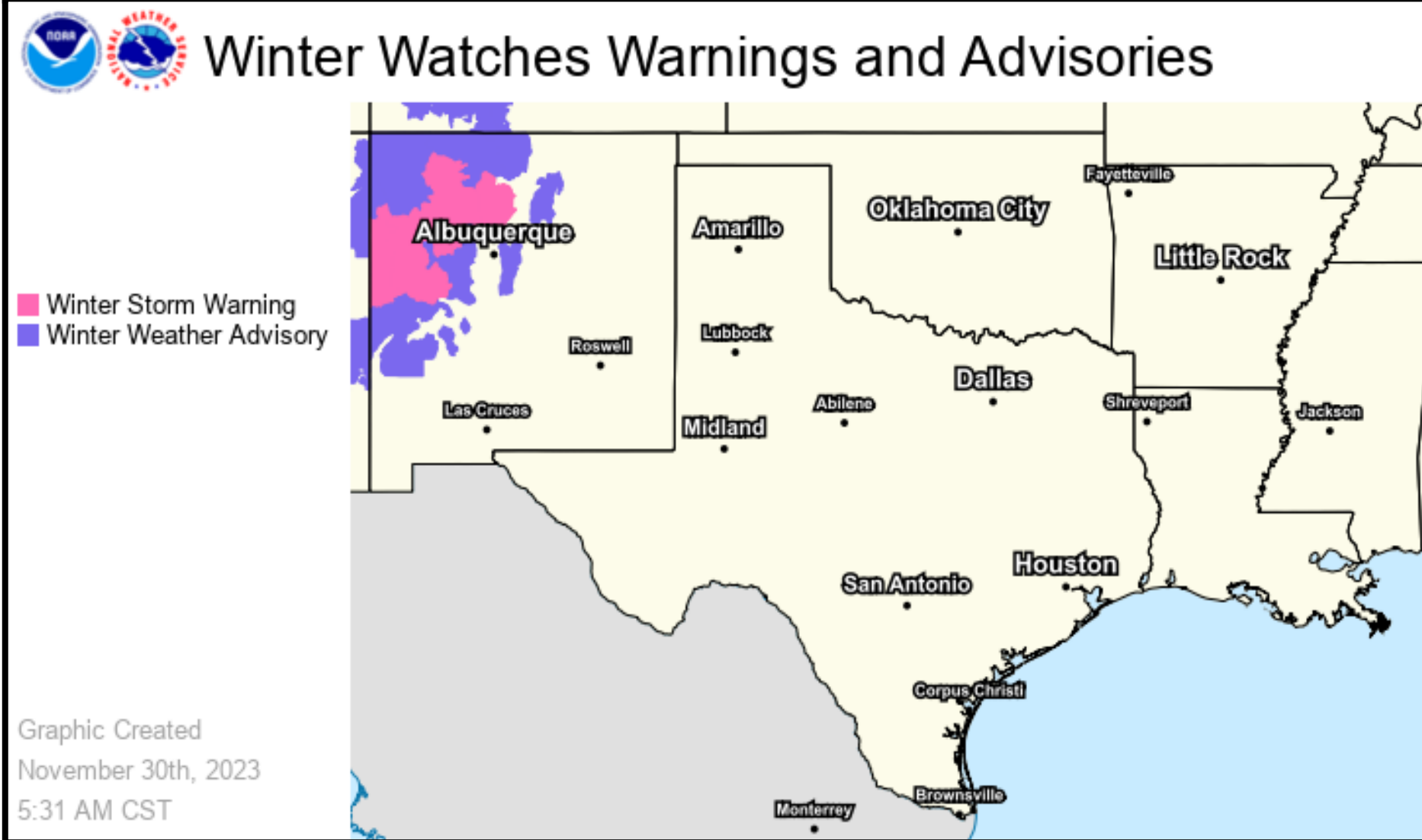
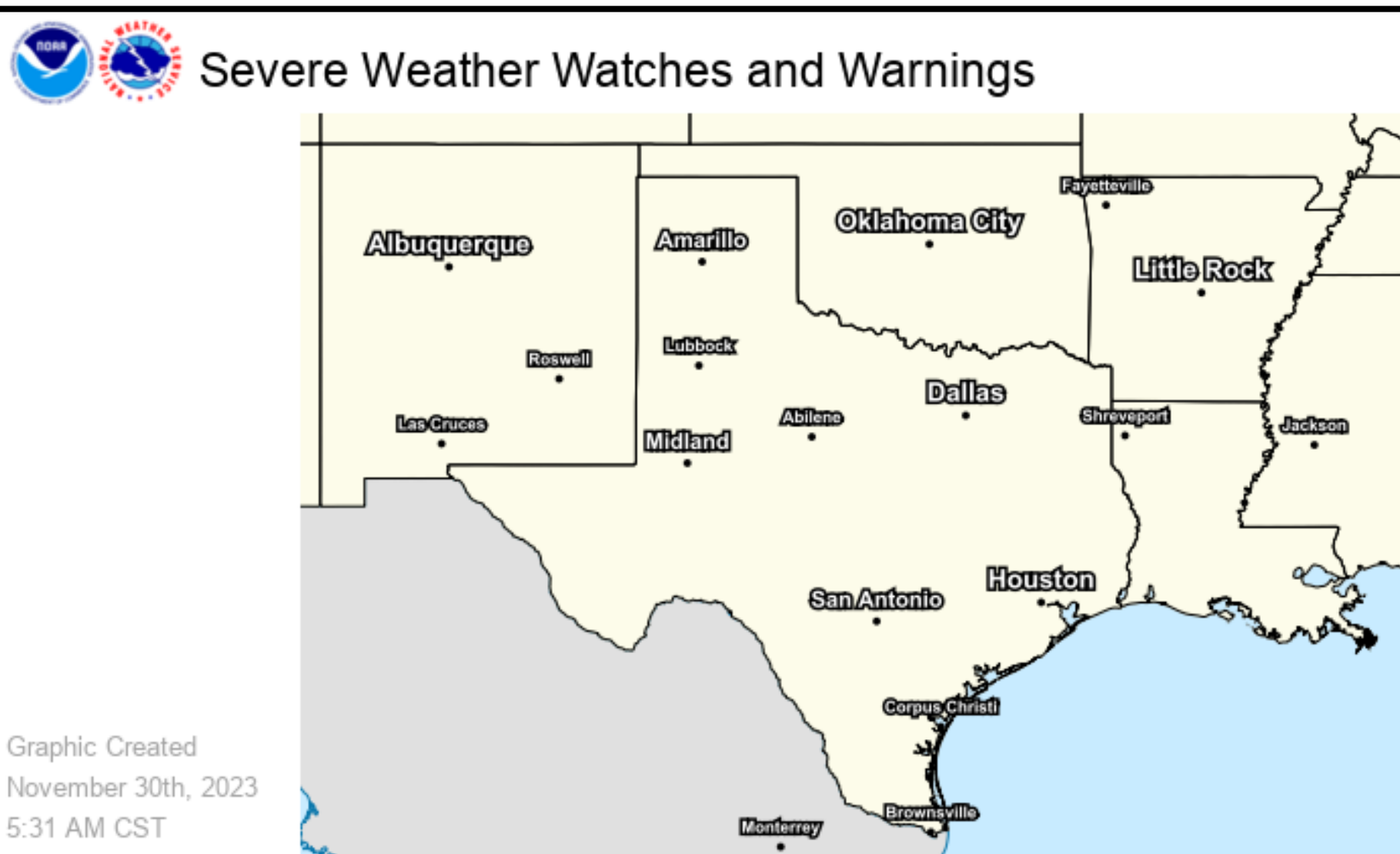
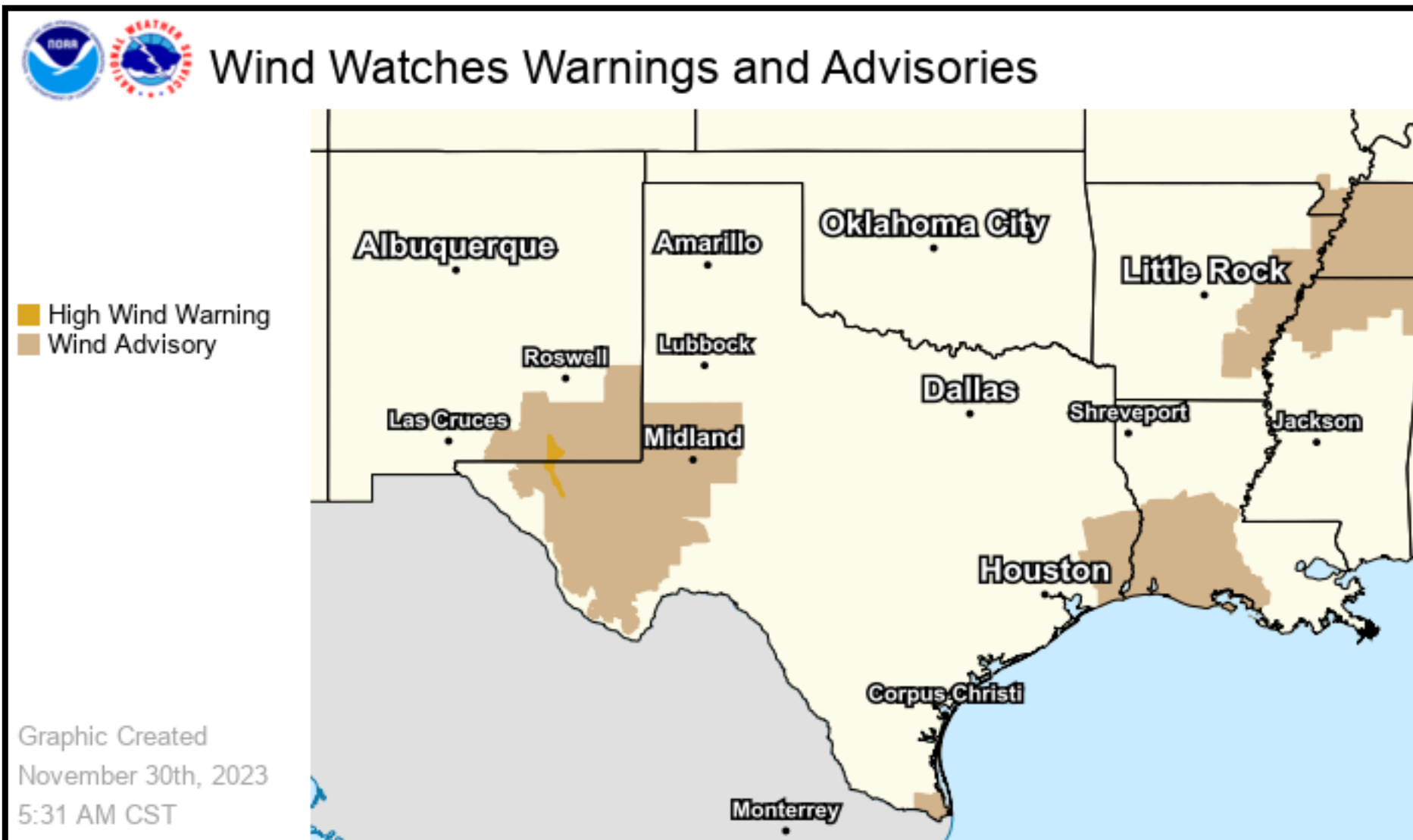
Last Updated: 11/30/2023 6:40 AM CT

Weather Service – Southern Region ROC



# Watches, Warnings, and Advisories

## Wind, Severe, Winter, and Flood Hazards



**Winter Weather Advisory in effect across the northern and western NM mountains. Multiple rounds of snow will likely lead to hazardous travel through Saturday. Some road closures are possible.**

**Wind Advisory in effect this morning through tonight for E TX into SW LA, through this evening for SE NM and W TX, and for this evening into tonight for E AR. Gusty winds could blow around unsecured objects. Tree limbs could be blown down and a few power outages may result.**





# Winter Weather

Thursday - Saturday

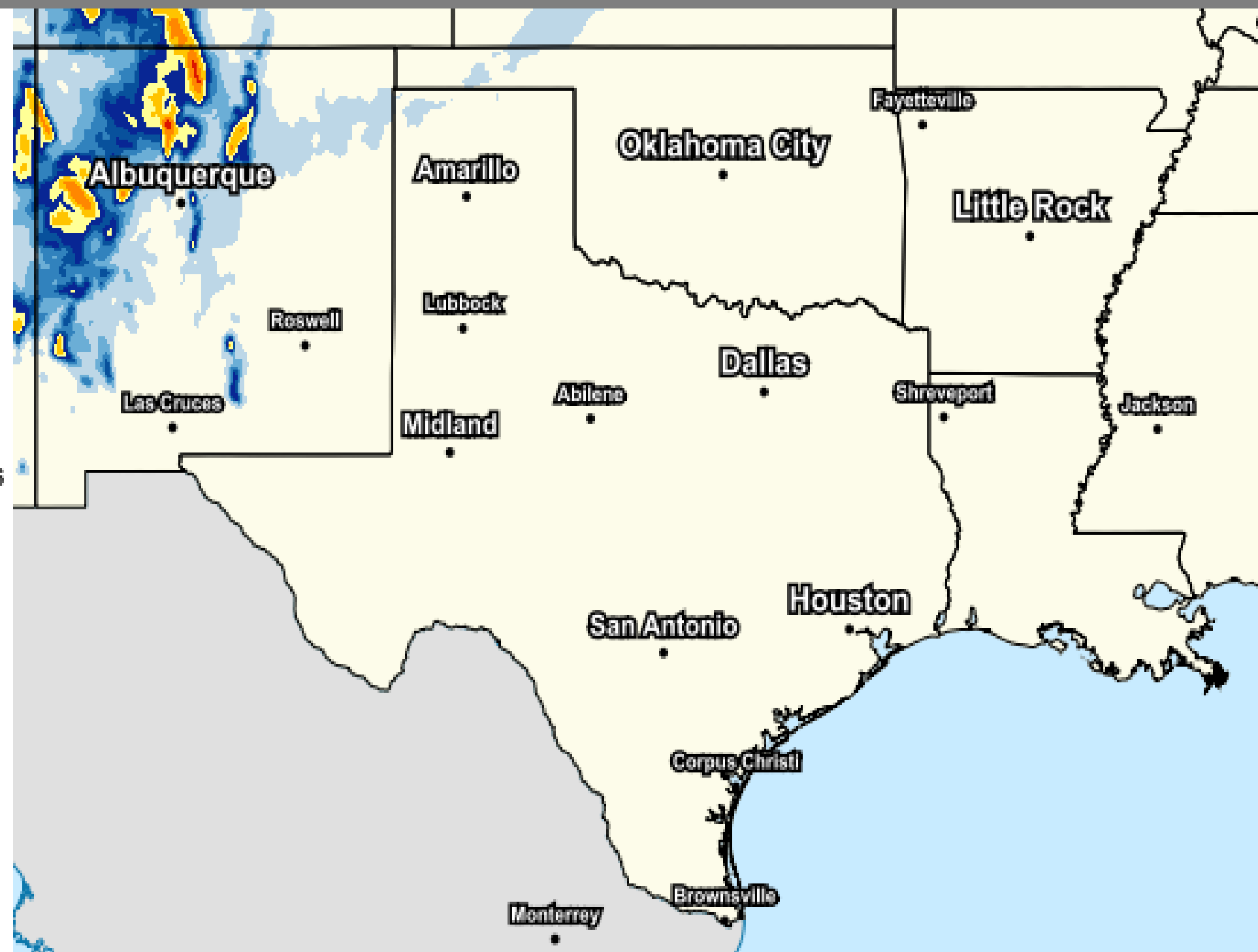
## Forecast Snow Amounts



### Forecast Snowfall

Valid Ending Sunday December 3rd, 2023 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  
November 30th, 2023  
5:21 AM CST

## Forecast Ice Amounts



### Ice Accumulation Forecast

Valid Ending Sunday December 3rd, 2023 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

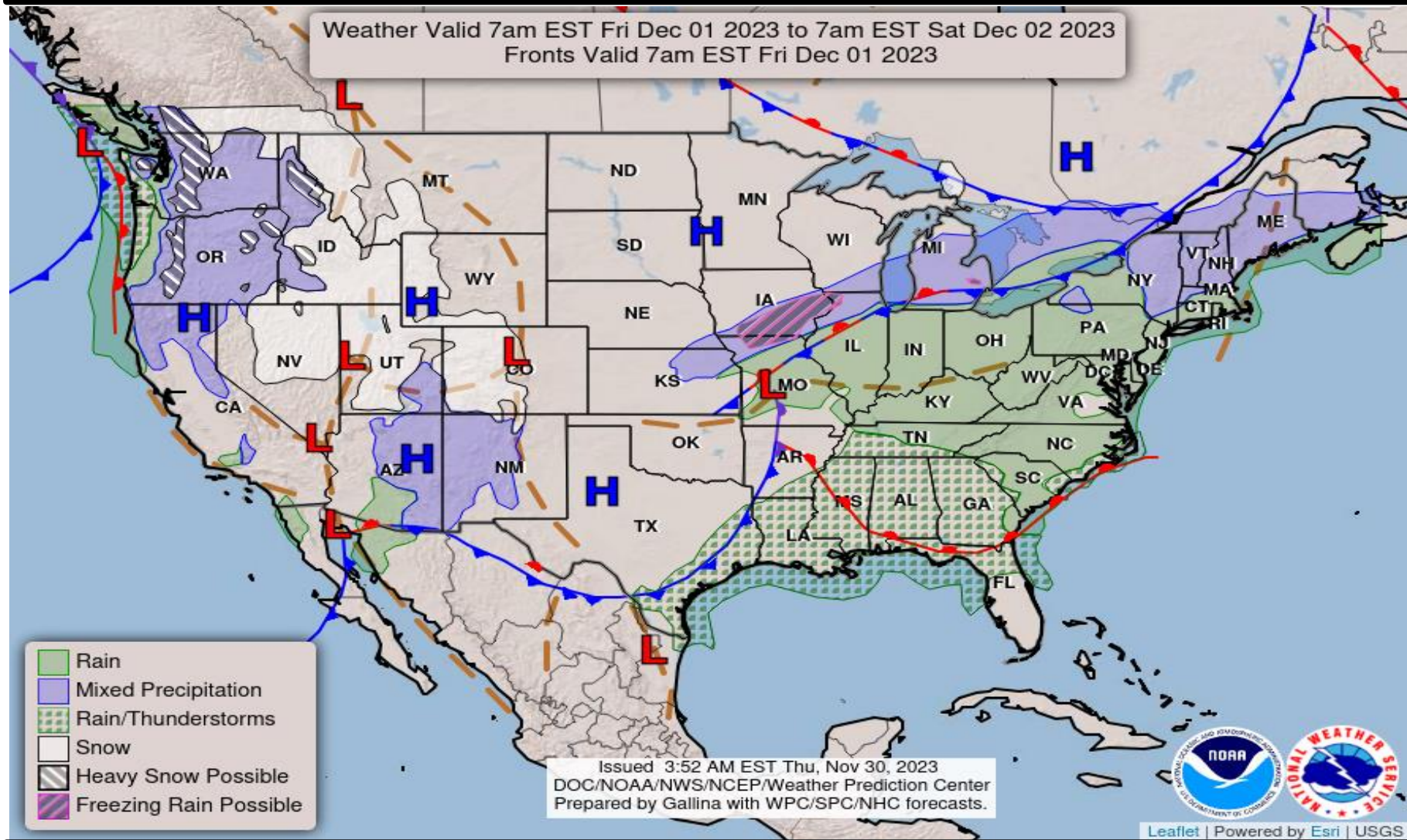


Graphic Created  
November 30th, 2023  
5:21 AM CST

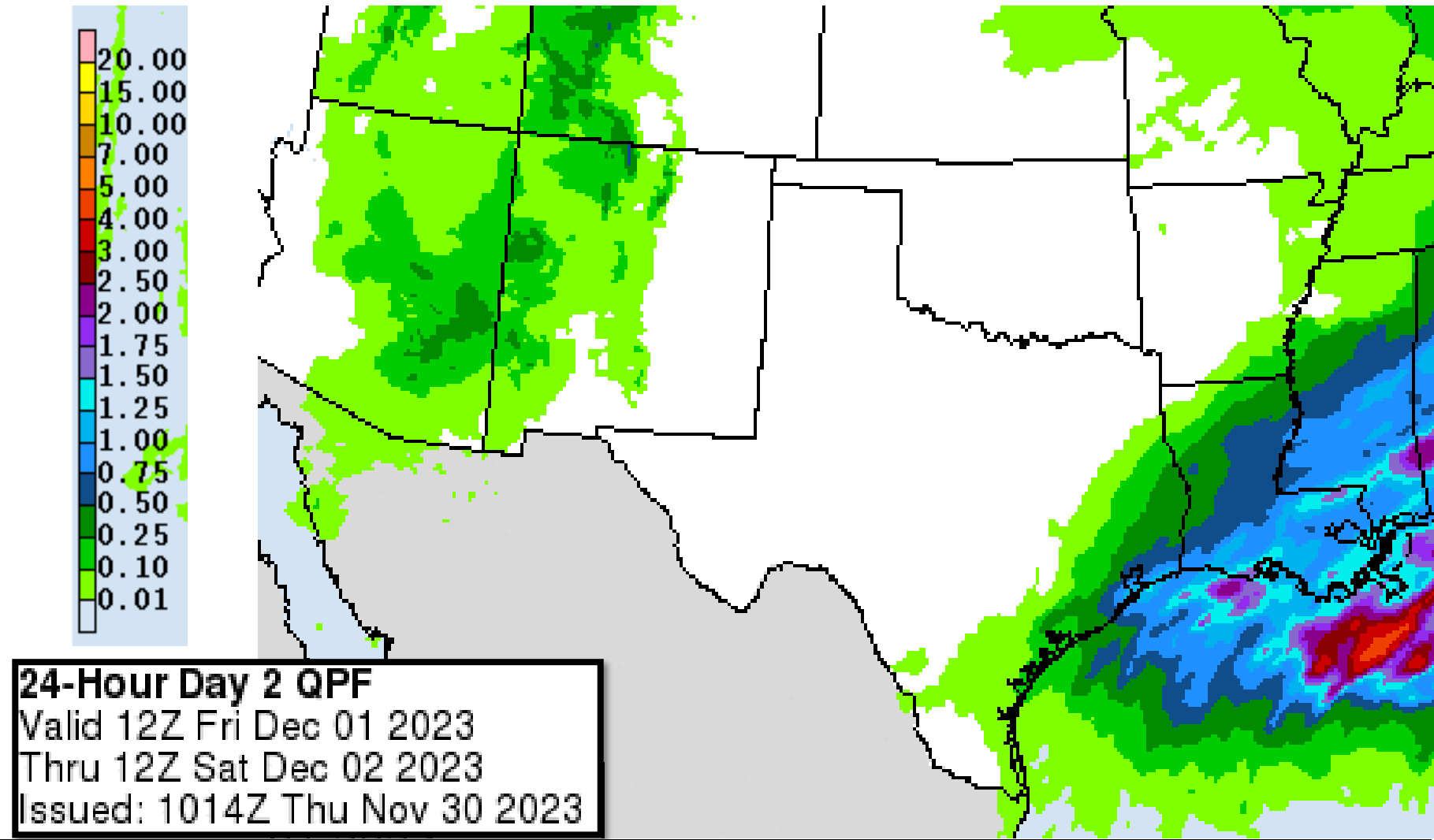


# Tomorrow's Weather

## Forecast Chart



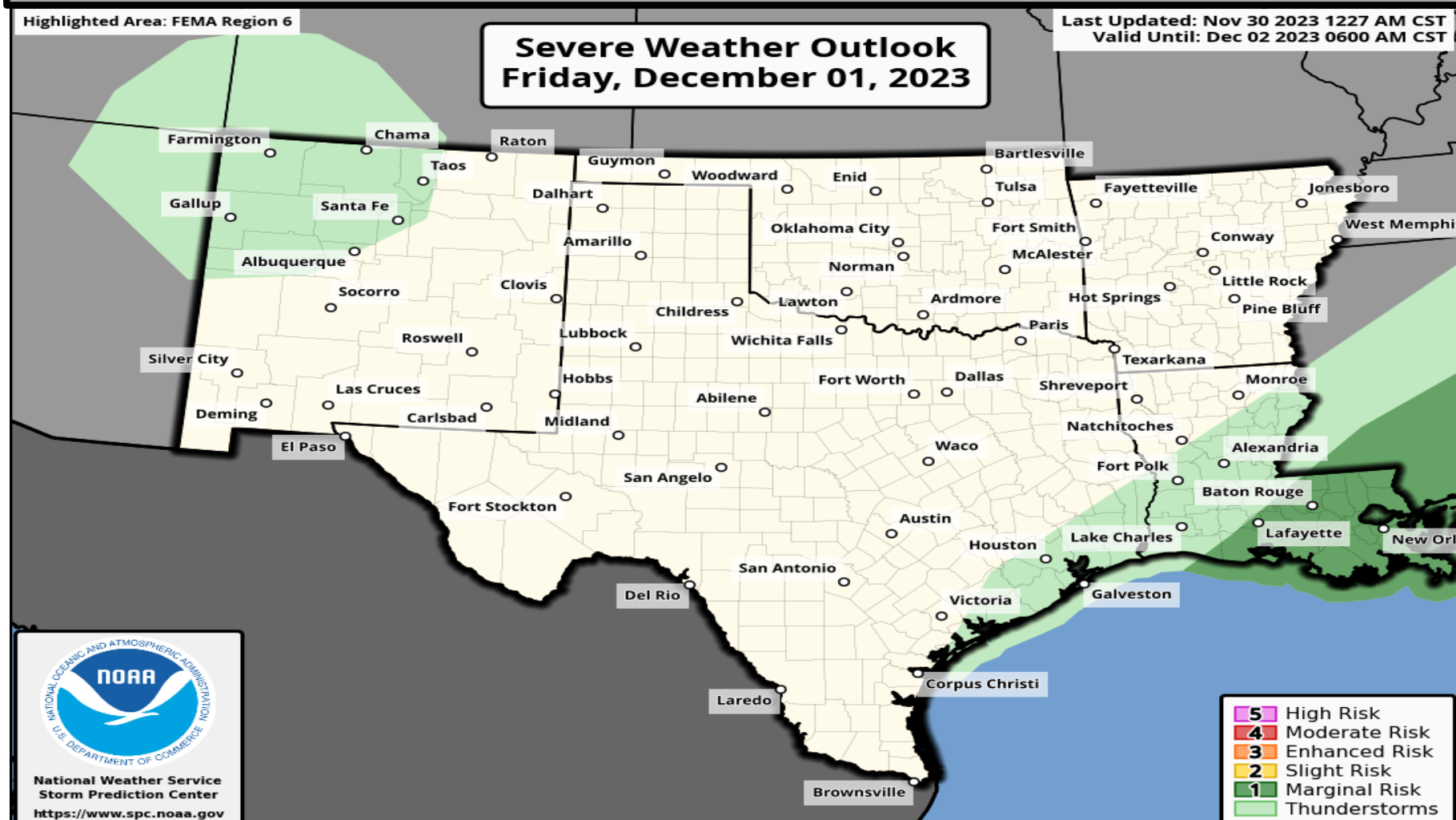
## Forecast Rainfall



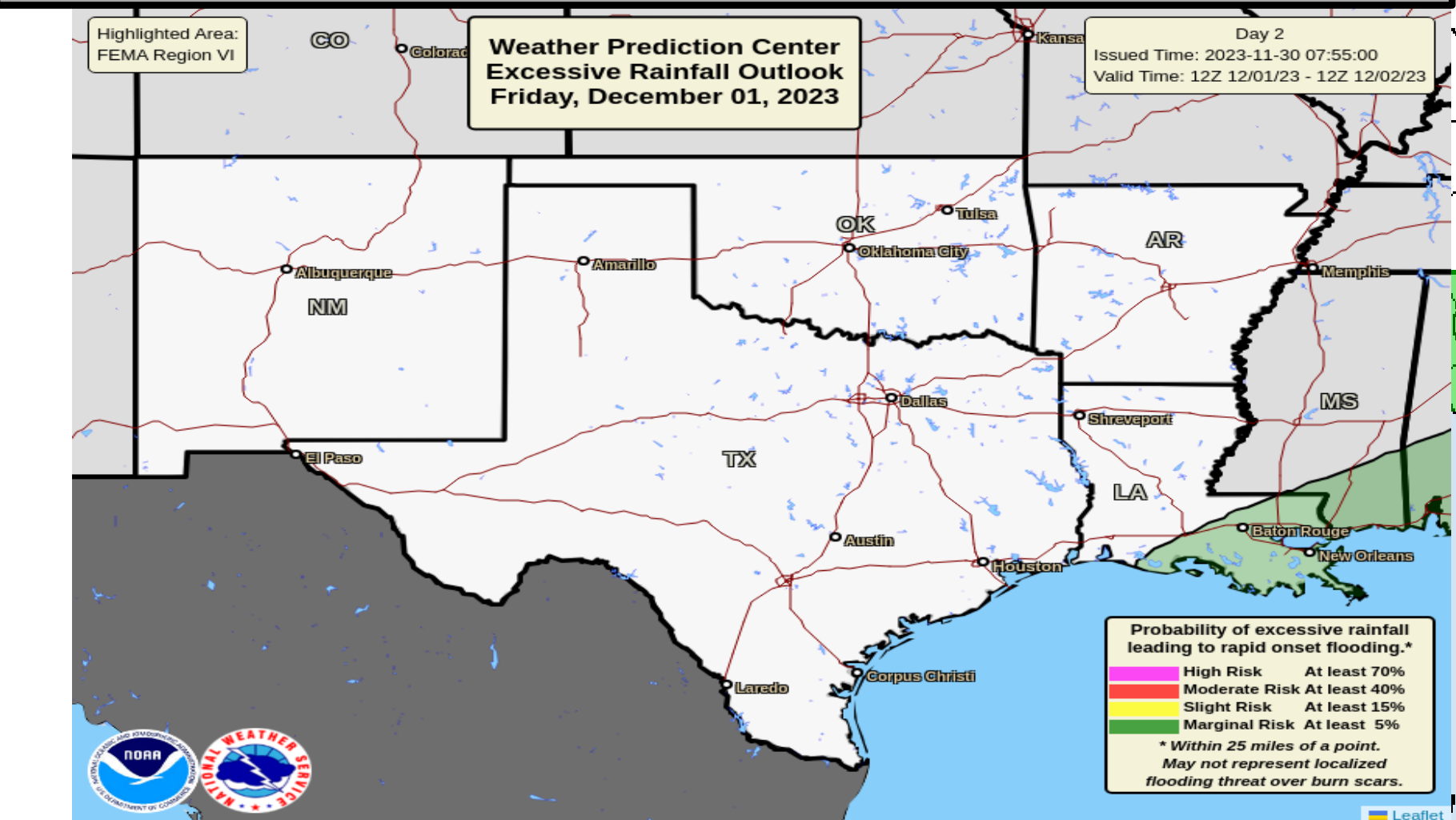
Locally heavy rain could lead to isolated flash flooding across SE LA.

Isolated severe storms are possible in LA. Storms will be ongoing from overnight and persist through afternoon.

## Severe Weather Outlook

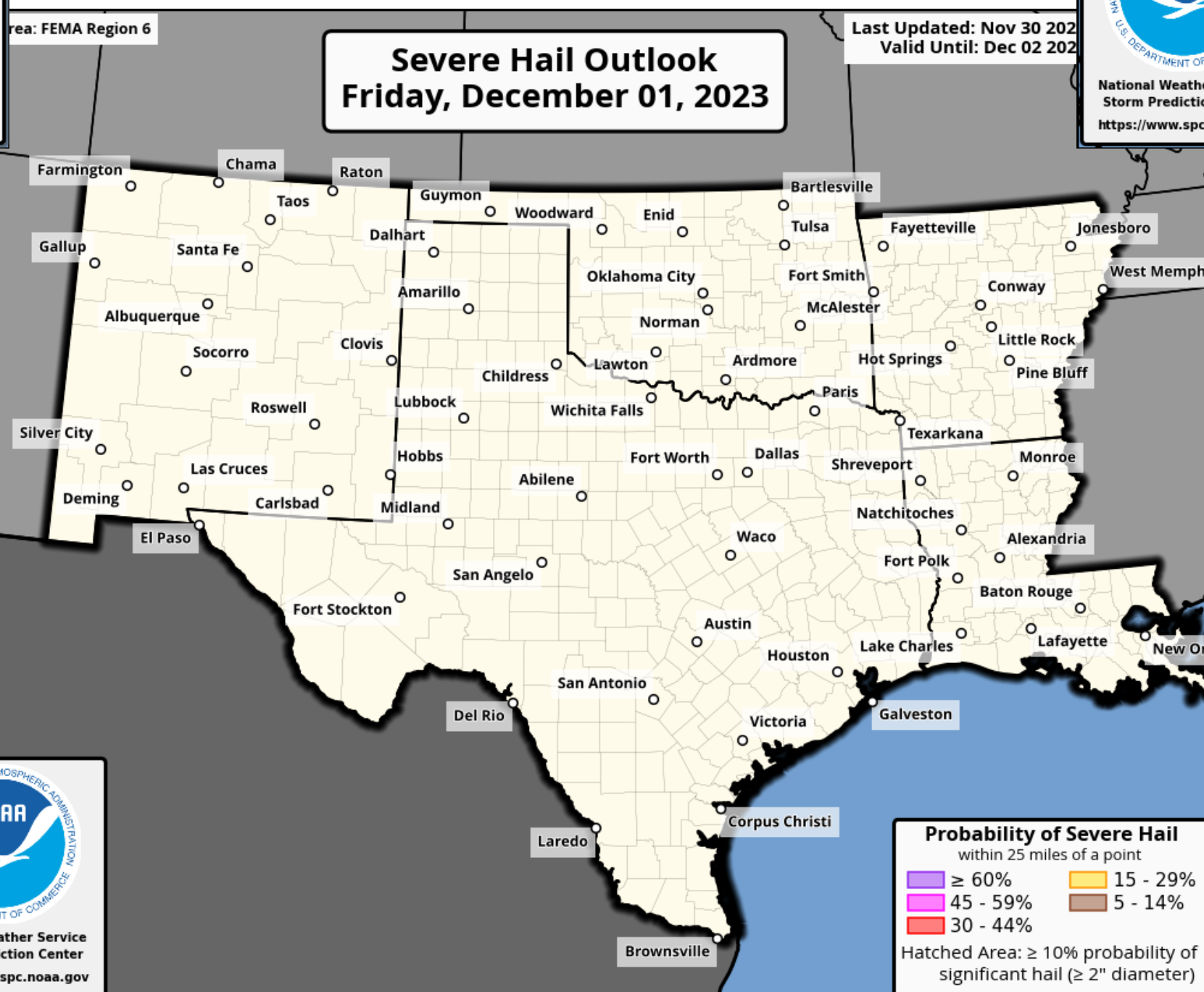
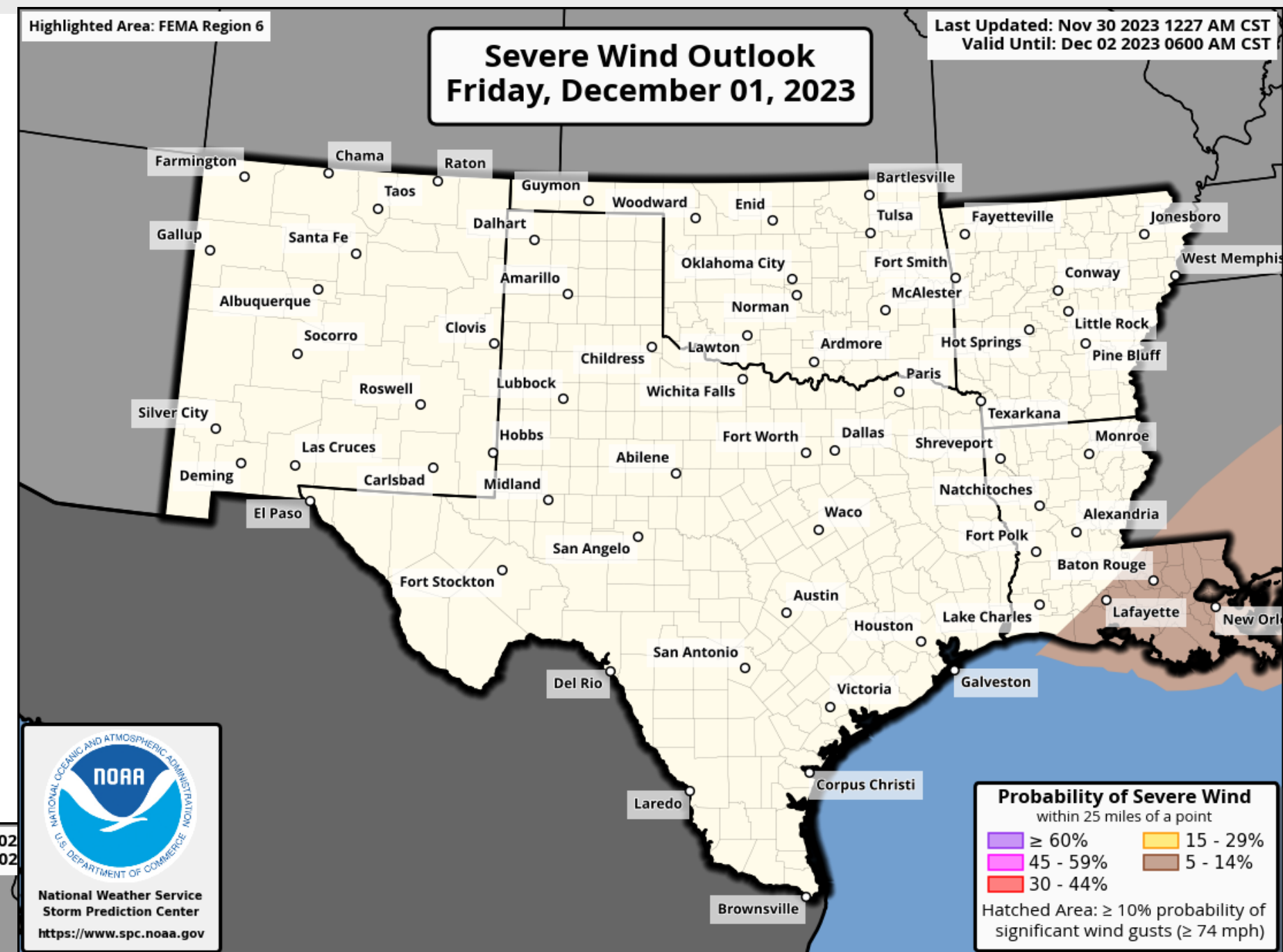
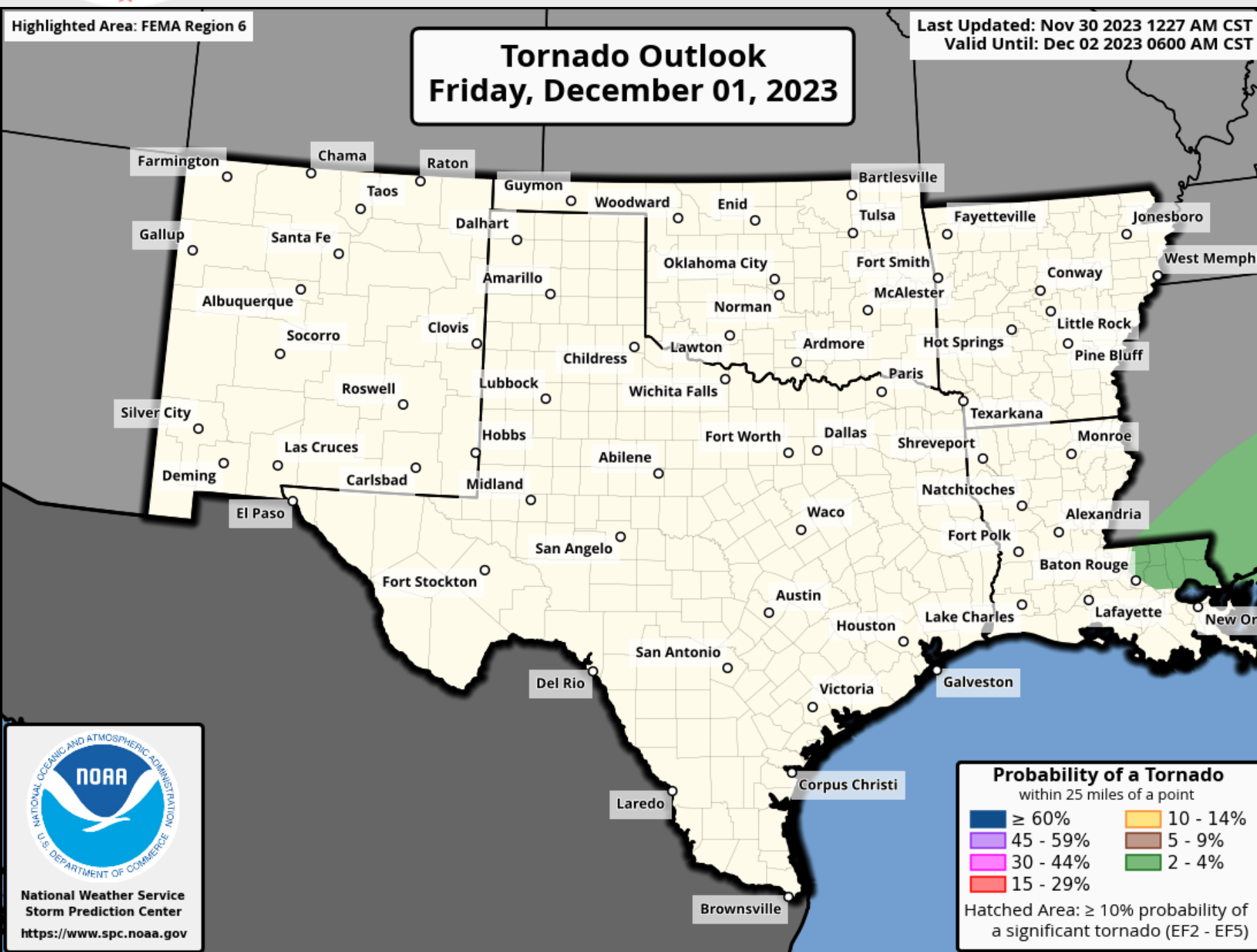


## Excessive Rainfall Outlook





# Tomorrow's Tornado & Severe Wind / Hail Probabilities



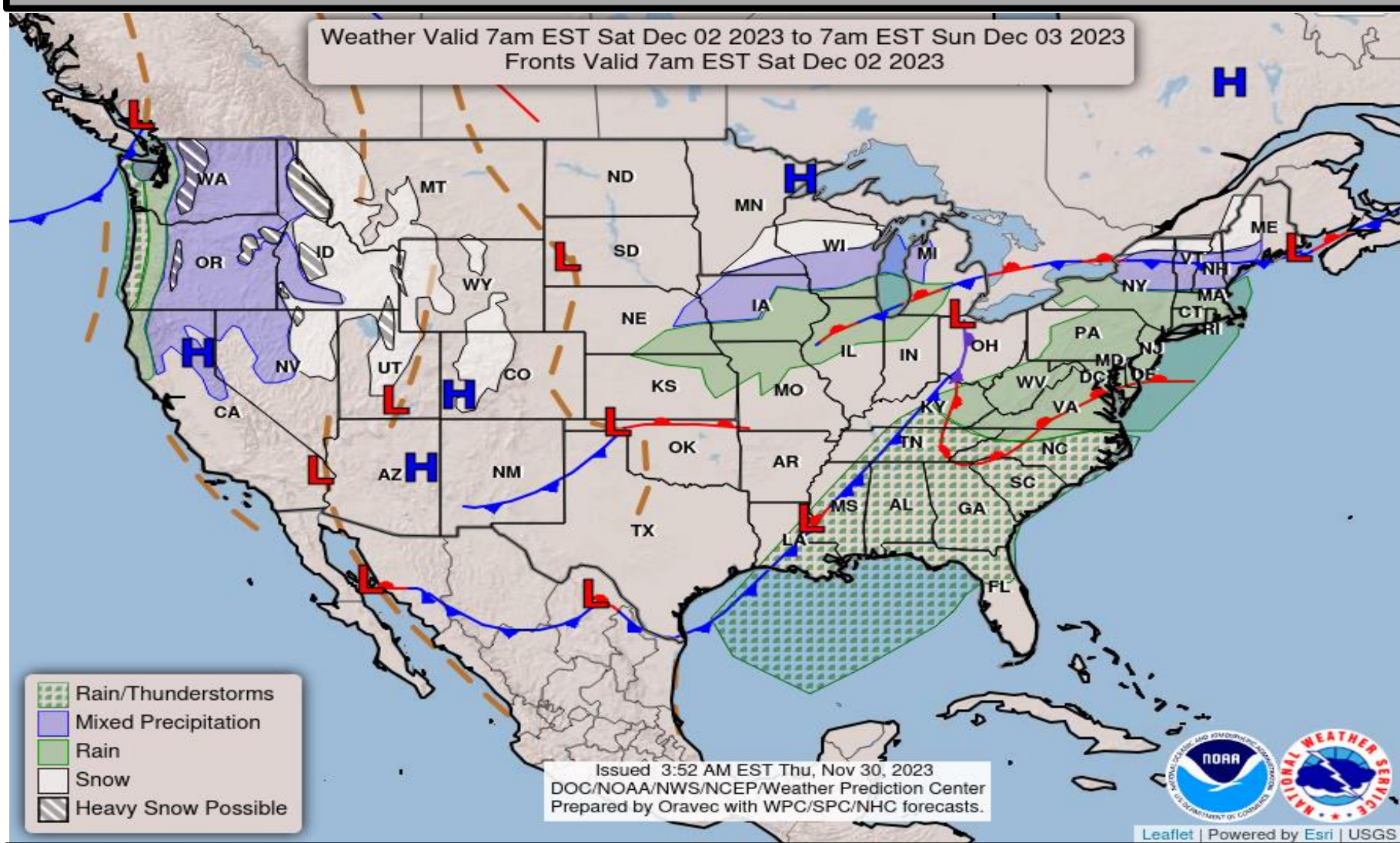
Last Updated: 11/30/2023 6:40 AM CT

Weather Service – Southern Region ROC

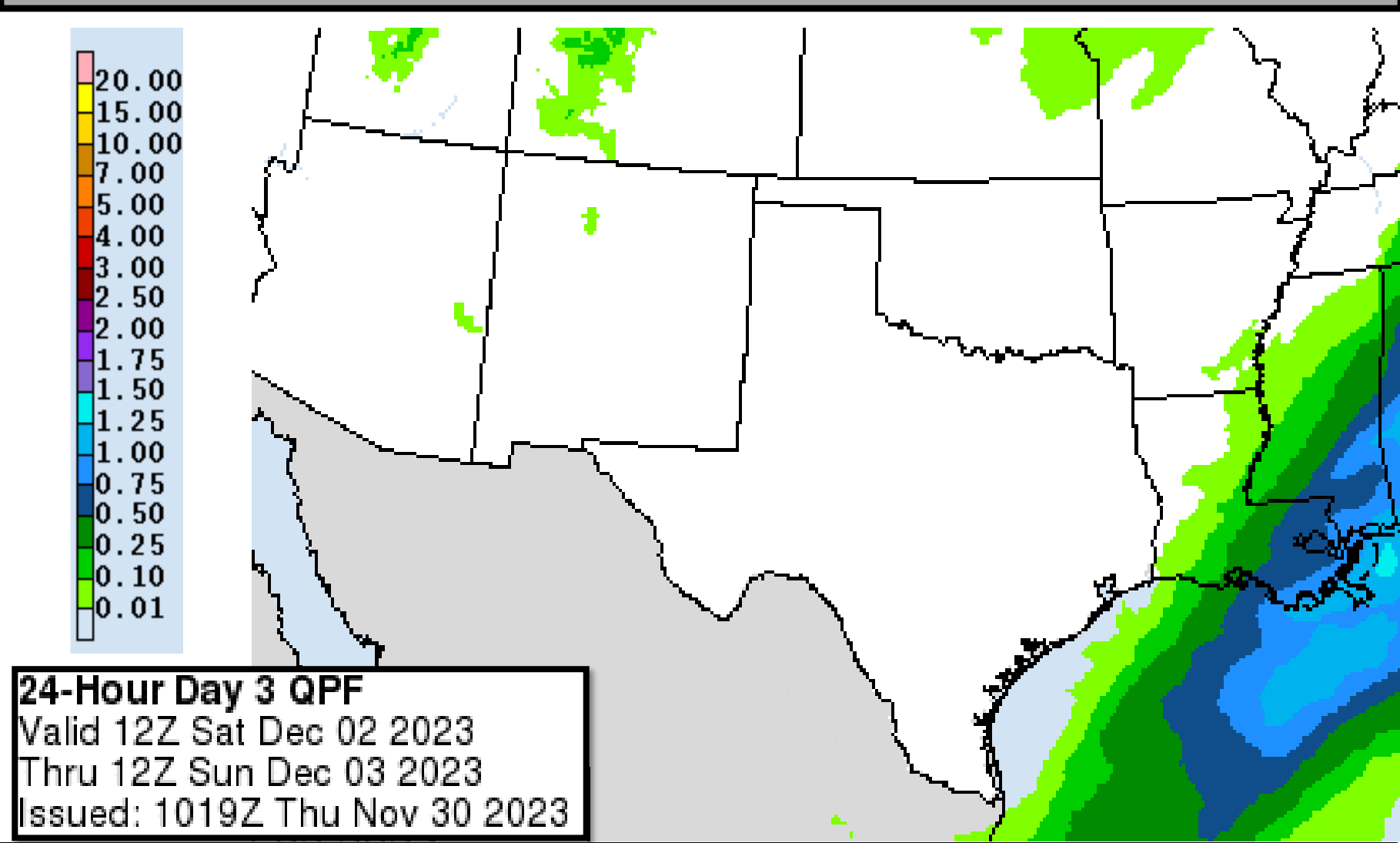


# Saturday's Weather

## Forecast Chart

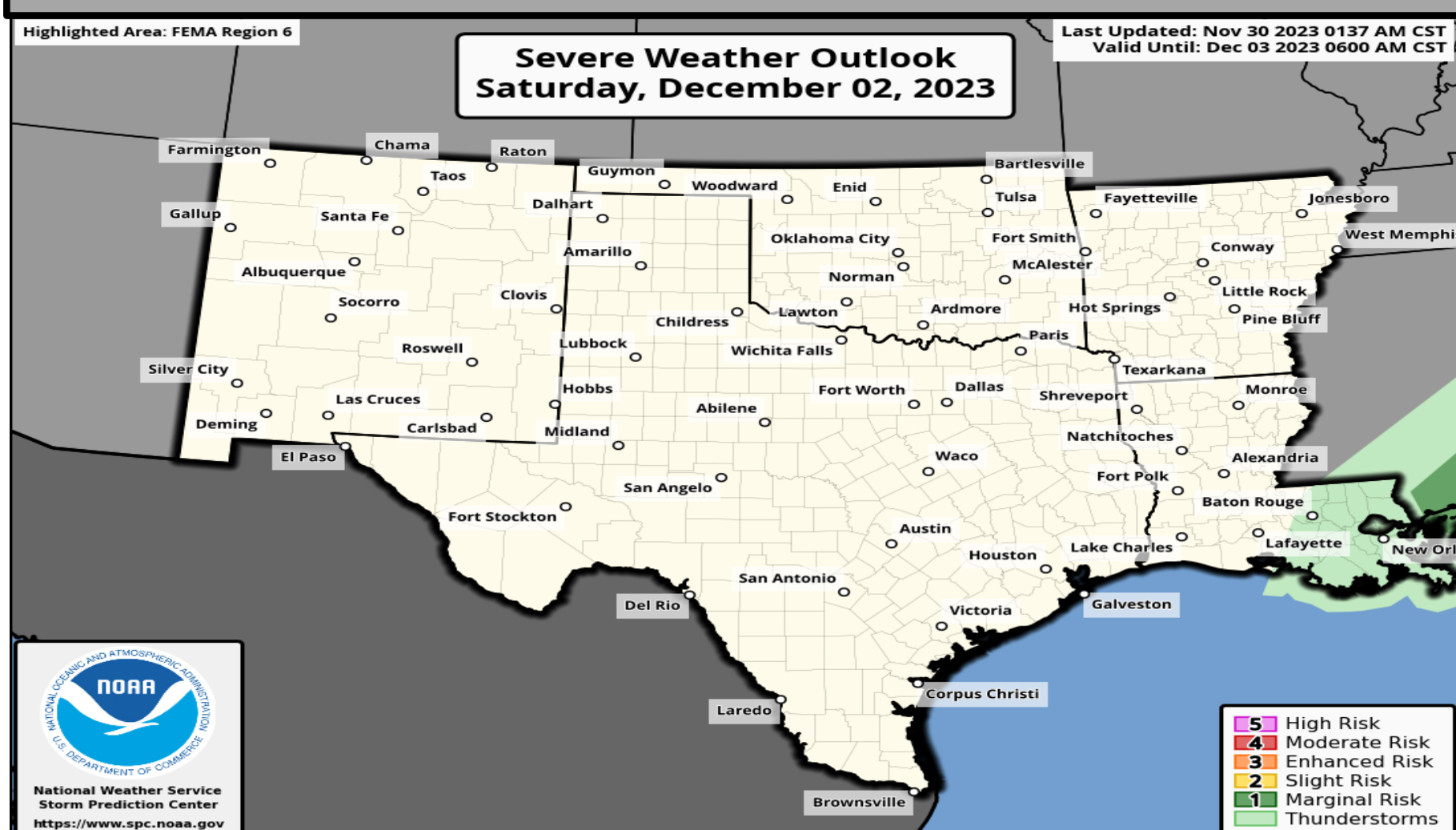


## Forecast Rainfall

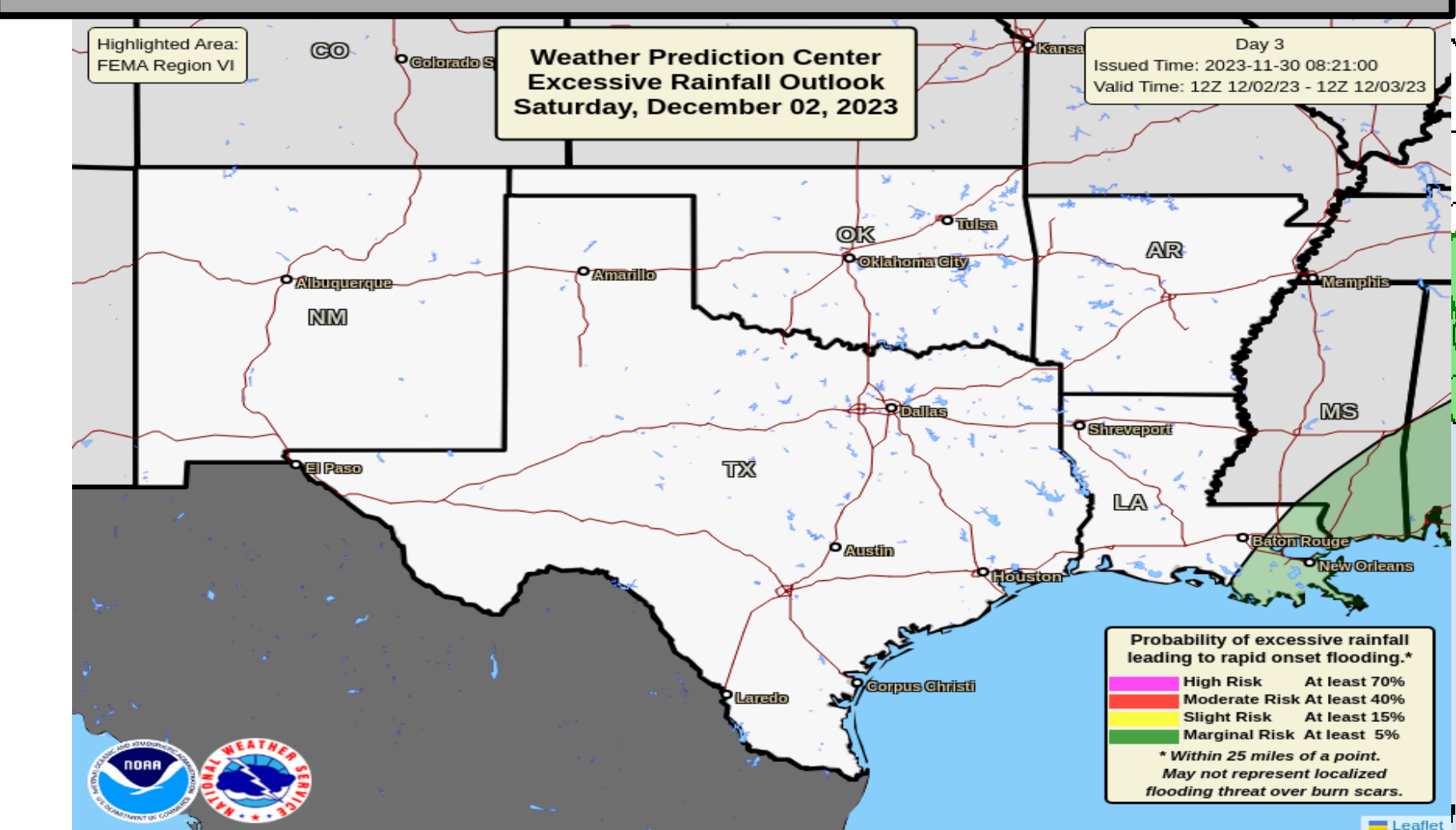


Locally heavy rain could lead to isolated flash flooding across SE LA.

## Severe Weather Outlook



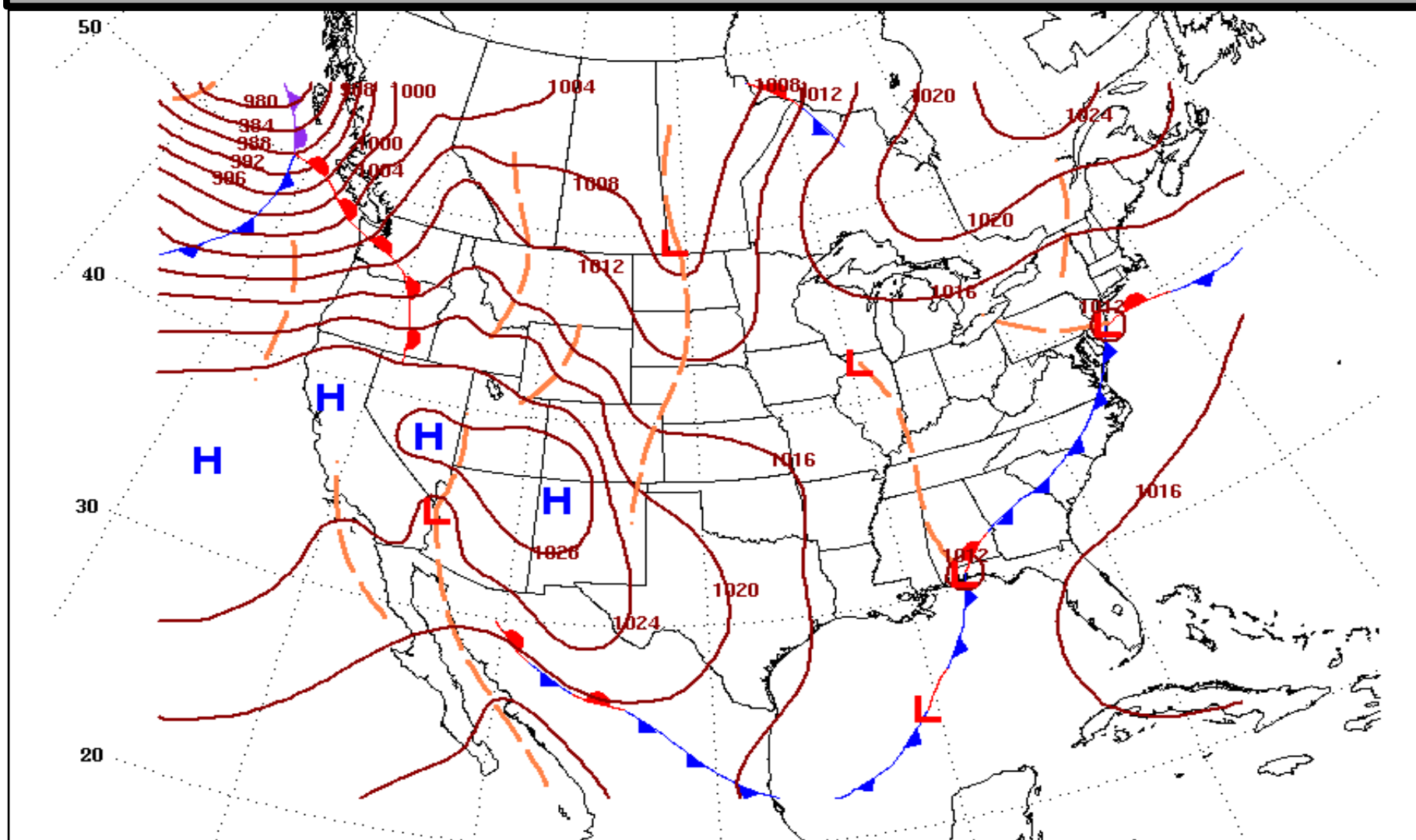
## Excessive Rainfall Outlook



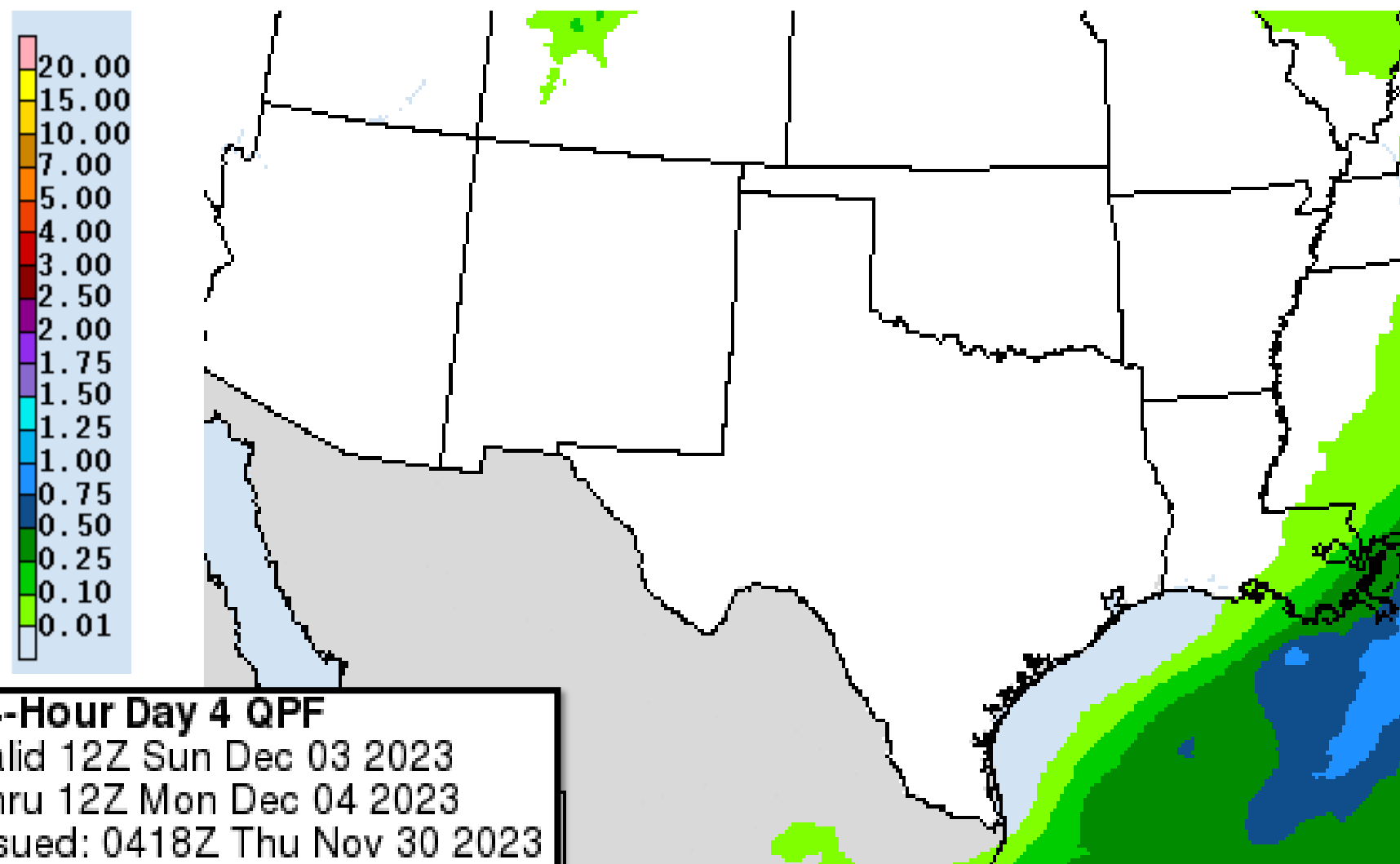


# Sunday's Weather

## Forecast Chart



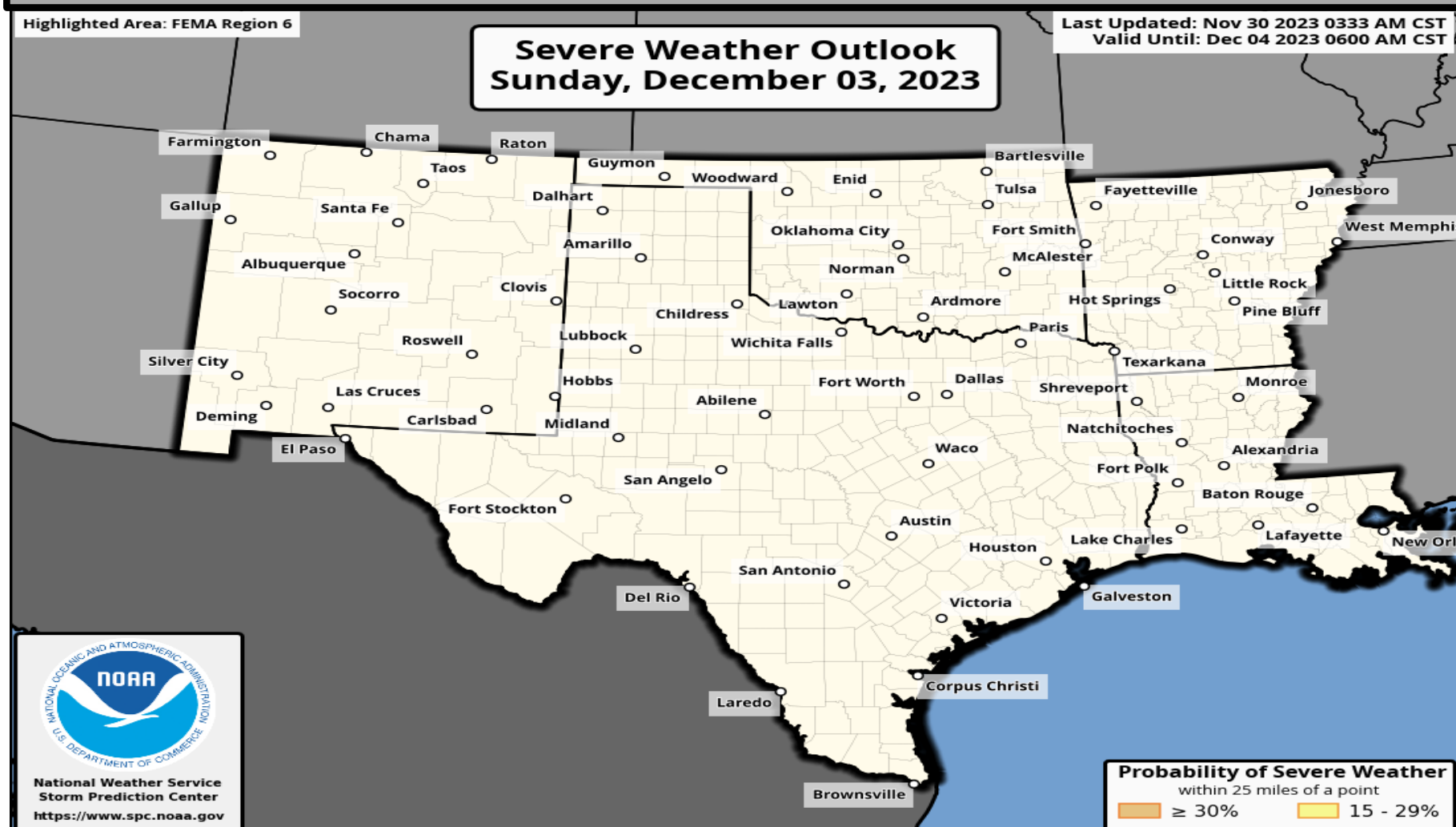
## Forecast Rainfall



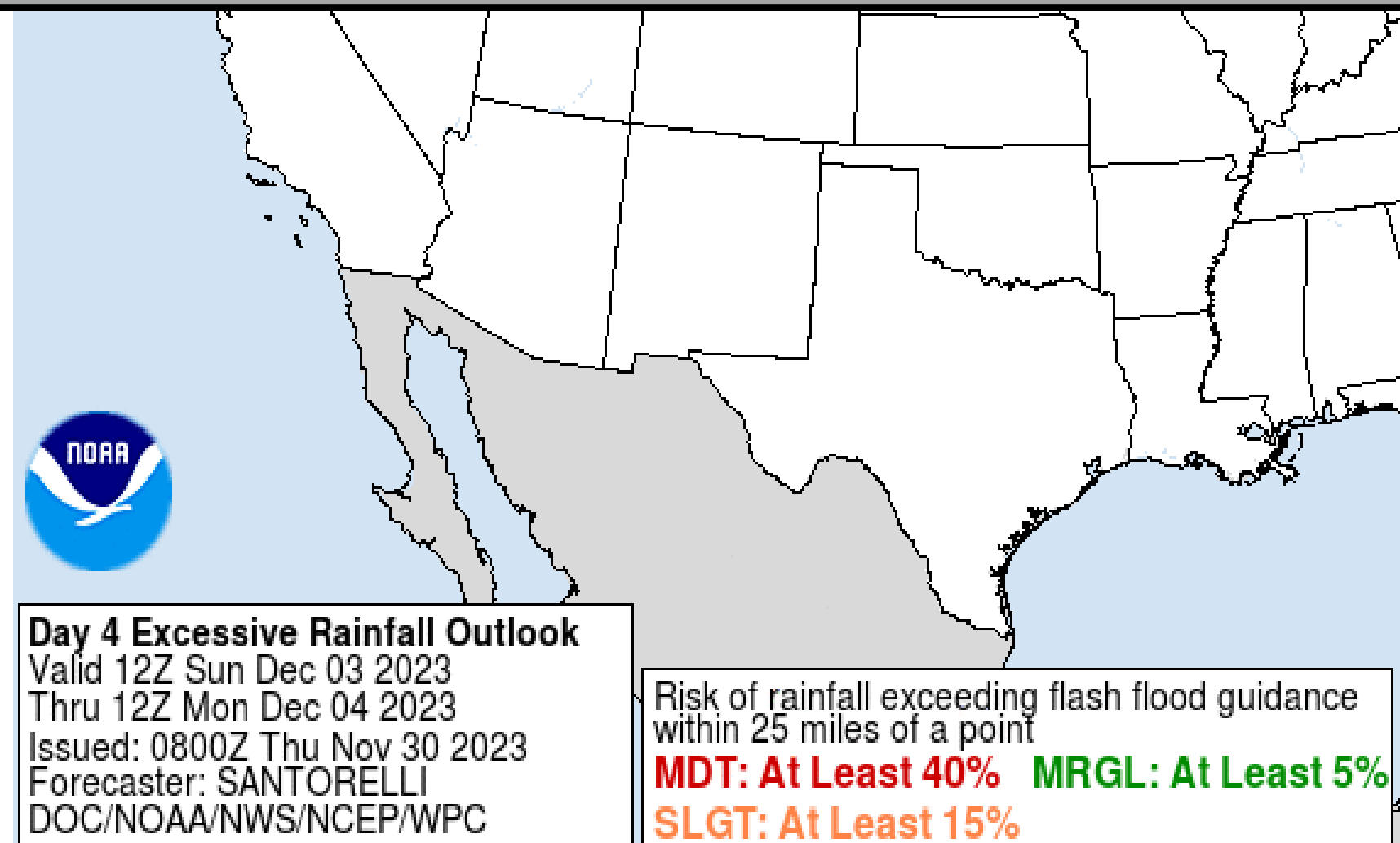
No significant weather expected.

24-Hour Day 4 QPF  
Valid 12Z Sun Dec 03 2023  
Thru 12Z Mon Dec 04 2023  
Issued: 0418Z Thu Nov 30 2023

## Severe Weather Outlook



## Excessive Rainfall Outlook

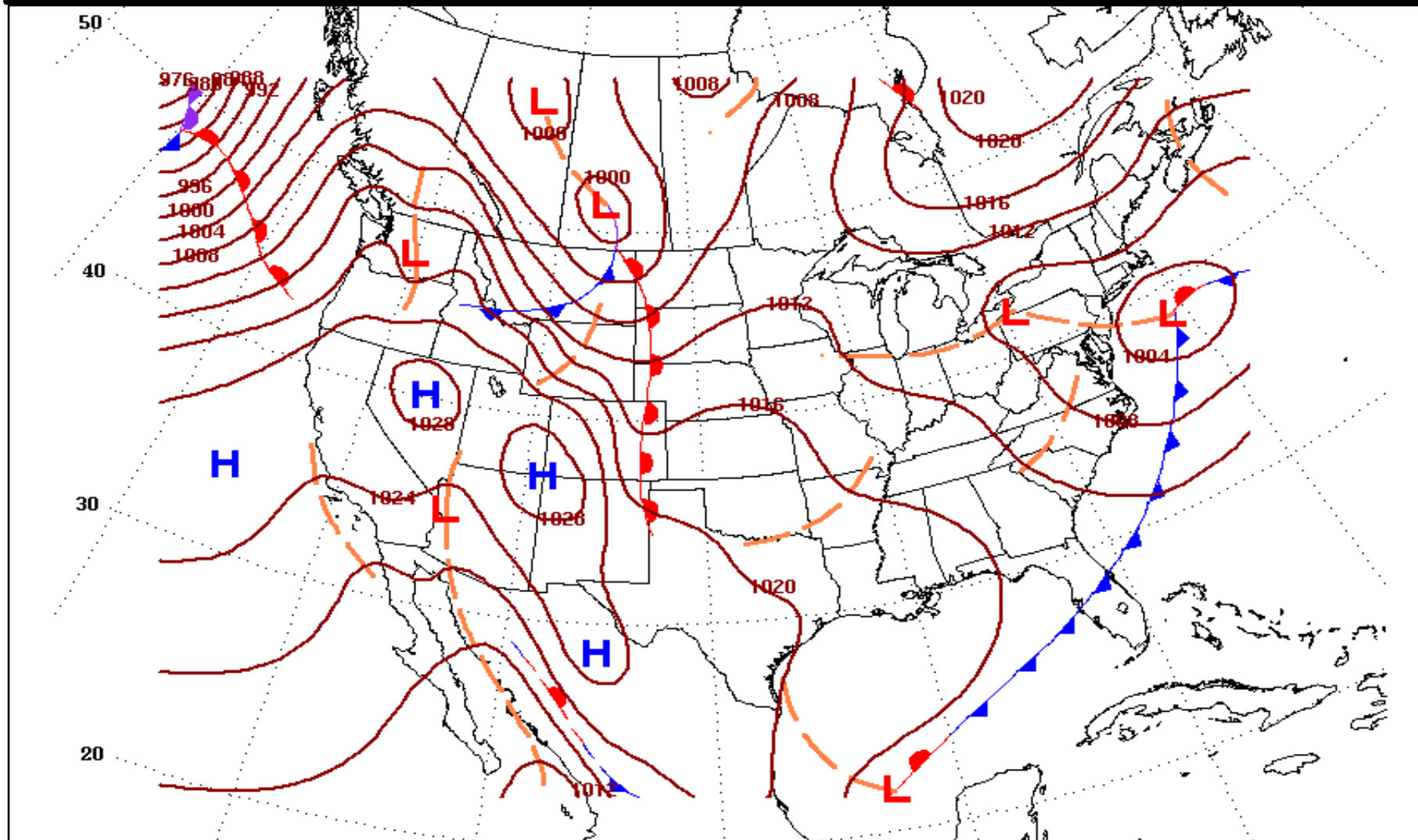


Risk of rainfall exceeding flash flood guidance within 25 miles of a point  
**MDT: At Least 40%** **MRGL: At Least 5%**  
**SLGT: At Least 15%**

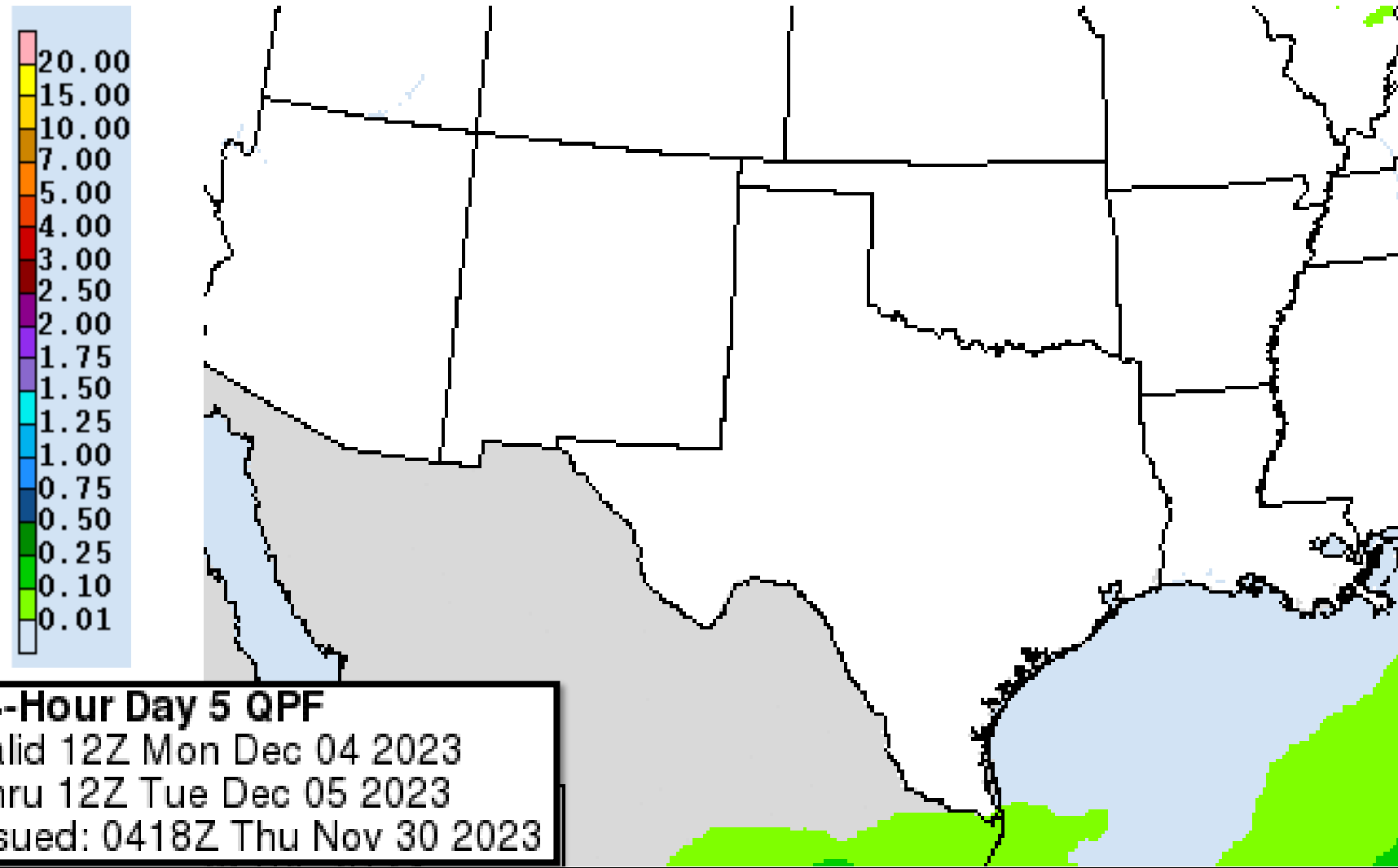


# Monday's Weather

## Forecast Chart



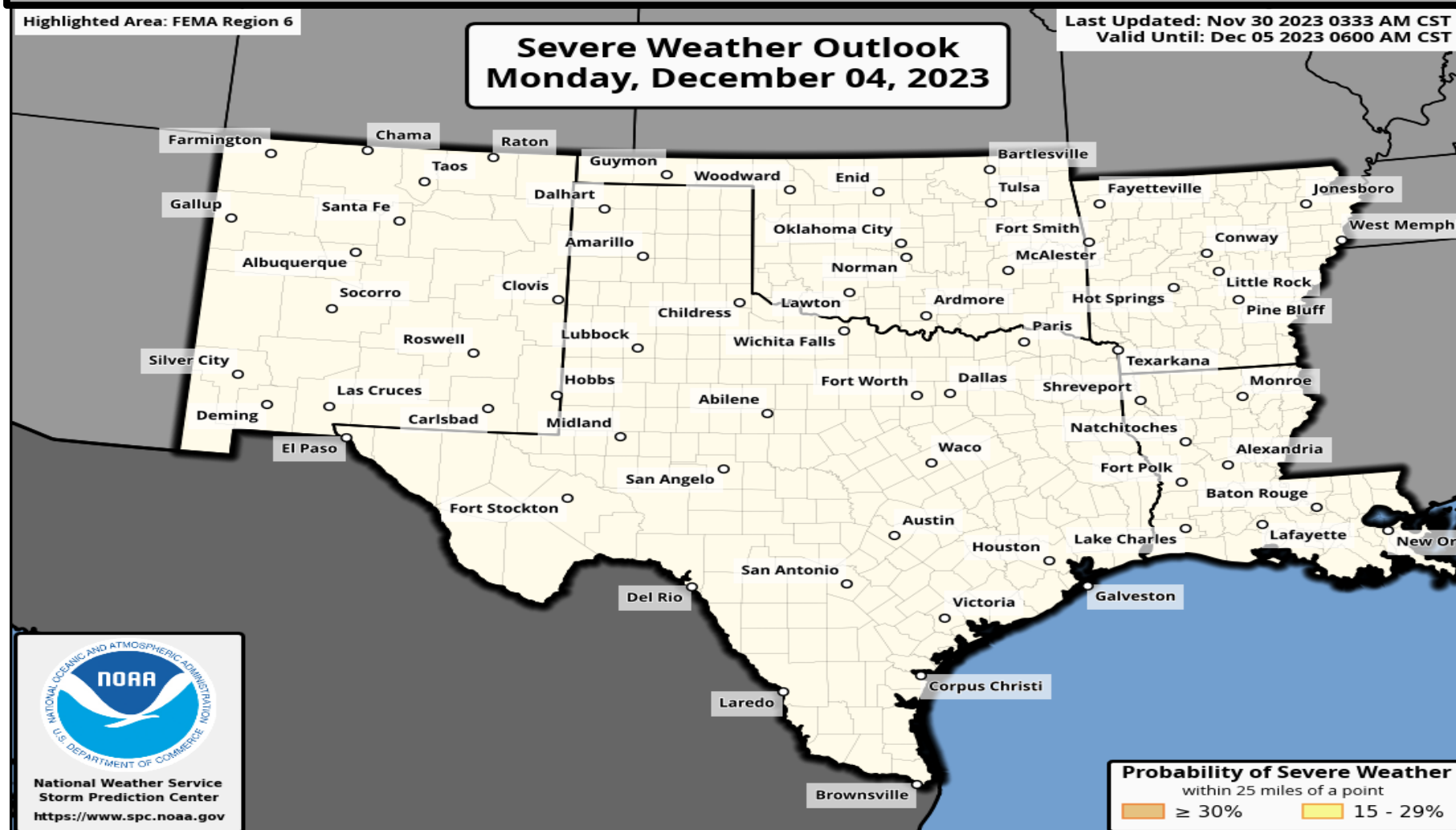
## Forecast Rainfall



No significant weather expected.

24-Hour Day 5 QPF  
Valid 12Z Mon Dec 04 2023  
Thru 12Z Tue Dec 05 2023  
Issued: 0418Z Thu Nov 30 2023

## Severe Weather Outlook

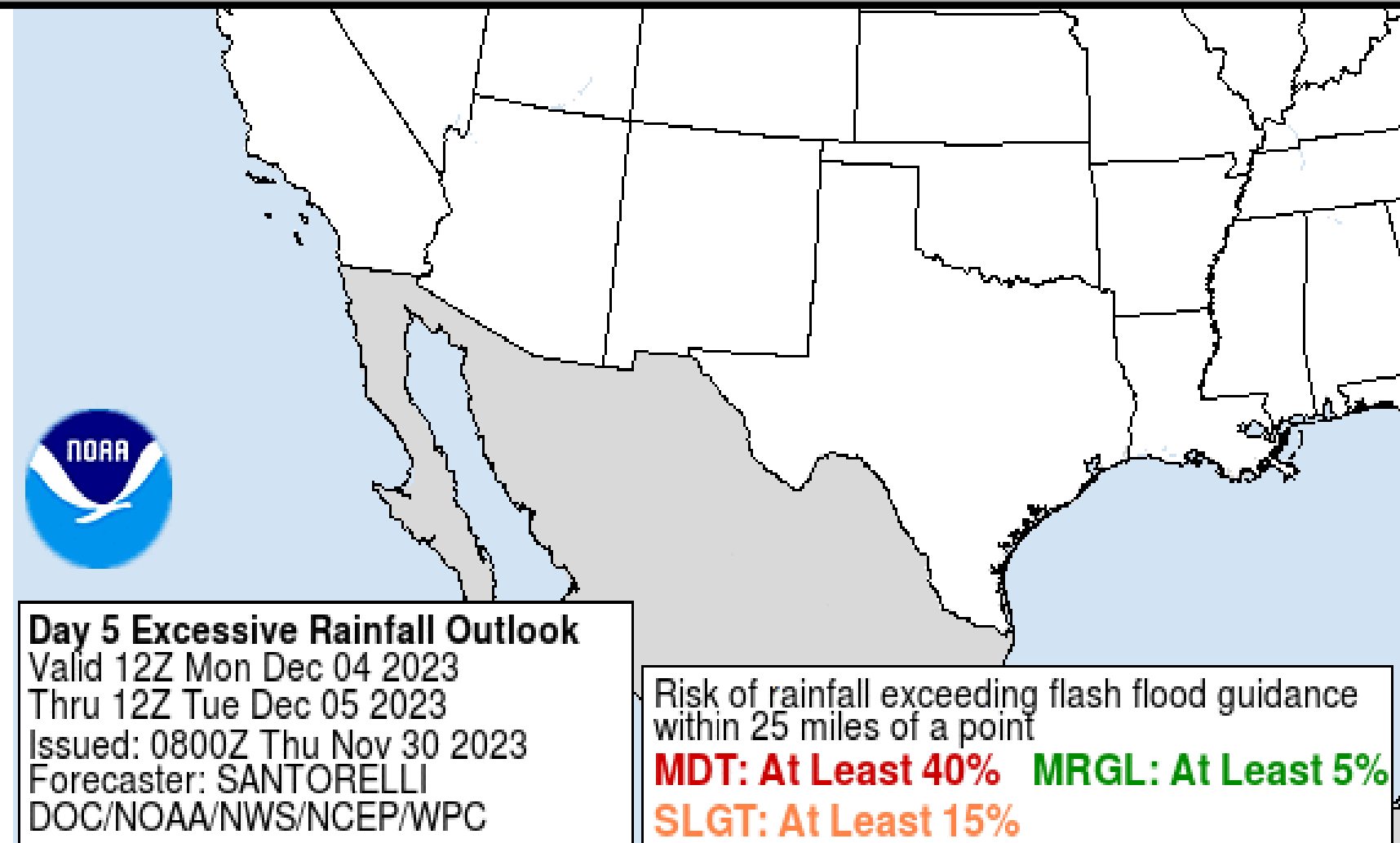


Severe Weather Outlook  
Monday, December 04, 2023

Last Updated: Nov 30 2023 0333 AM CST  
Valid Until: Dec 05 2023 0600 AM CST

Probability of Severe Weather  
within 25 miles of a point  
≥ 30% 15 - 29%

## Excessive Rainfall Outlook

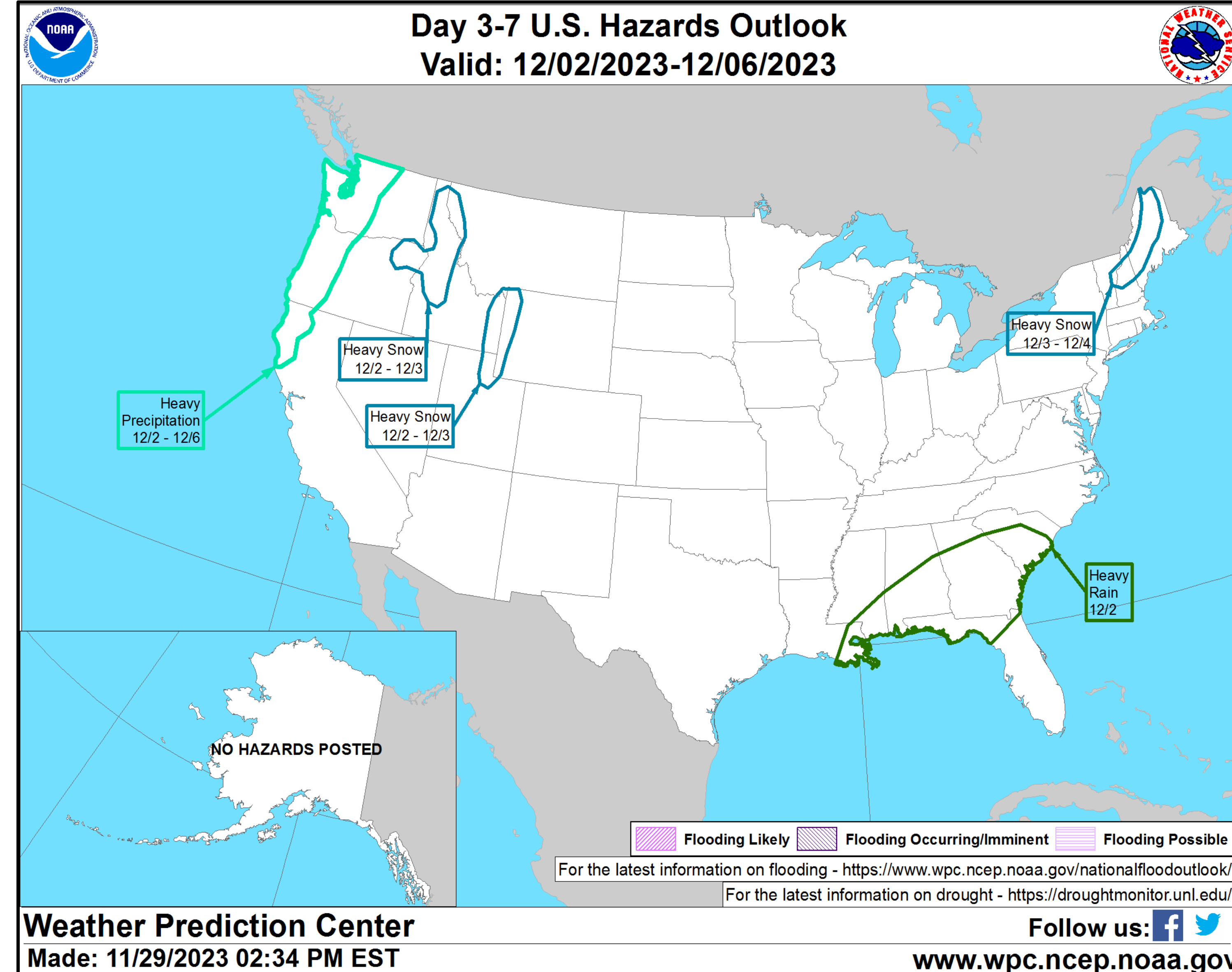


Day 5 Excessive Rainfall Outlook  
Valid 12Z Mon Dec 04 2023  
Thru 12Z Tue Dec 05 2023  
Issued: 0800Z Thu Nov 30 2023  
Forecaster: SANTORELLI  
DOC/NOAA/NWS/NCEP/WPC

Risk of rainfall exceeding flash flood guidance  
within 25 miles of a point  
**MDT: At Least 40%** **MRGL: At Least 5%**  
**SLGT: At Least 15%**



# “Day 3-7” Hazards Outlook



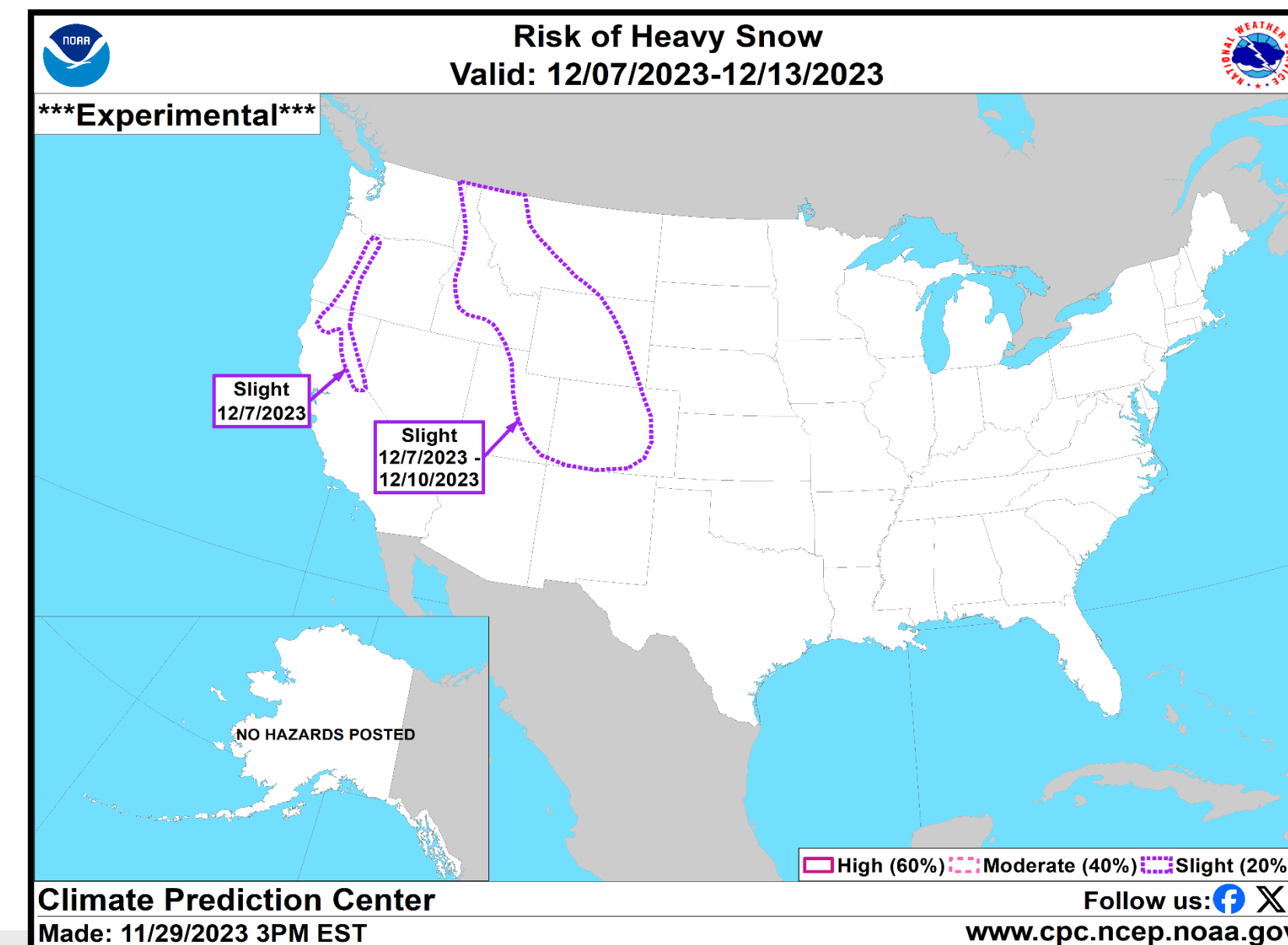
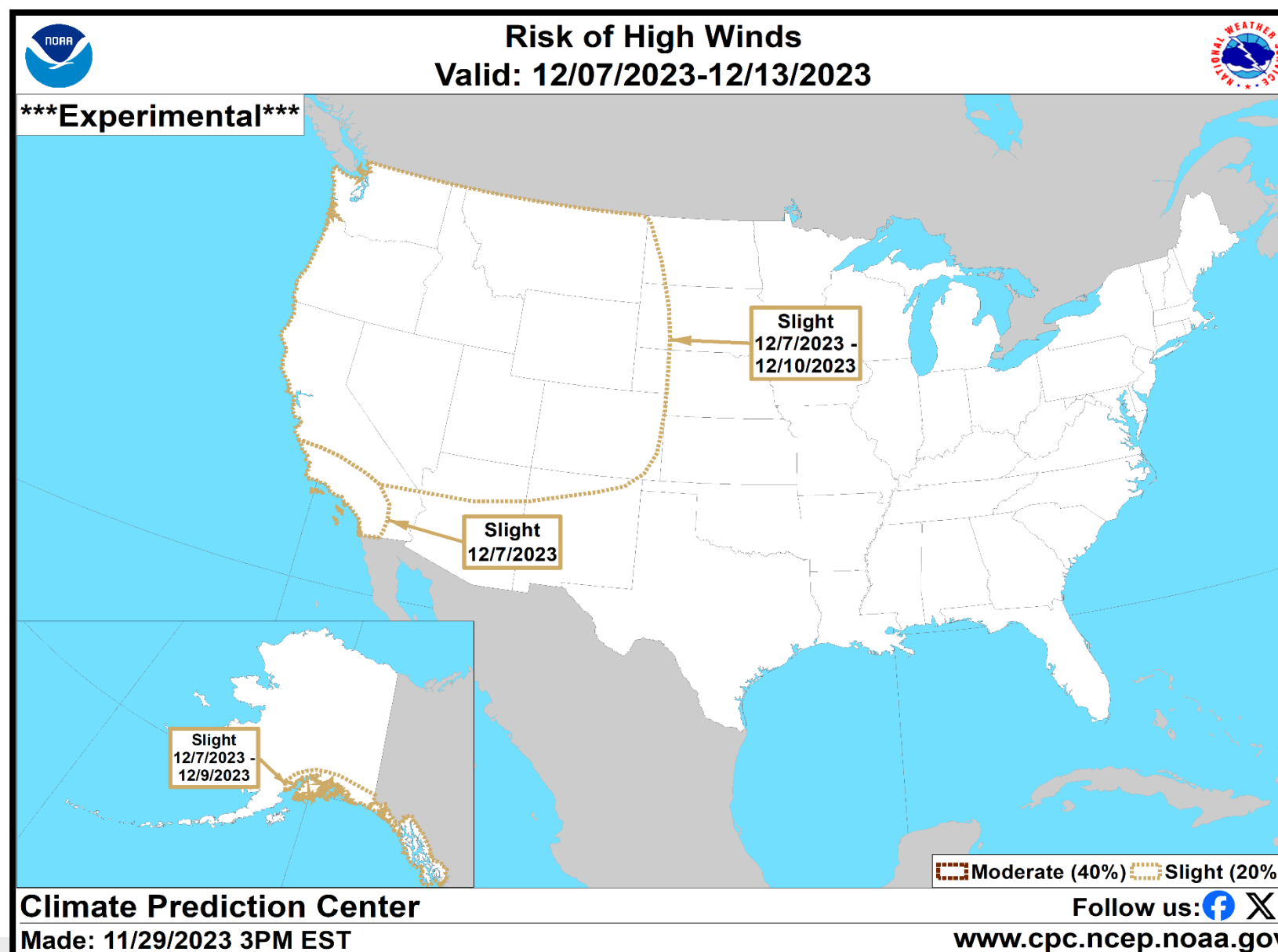
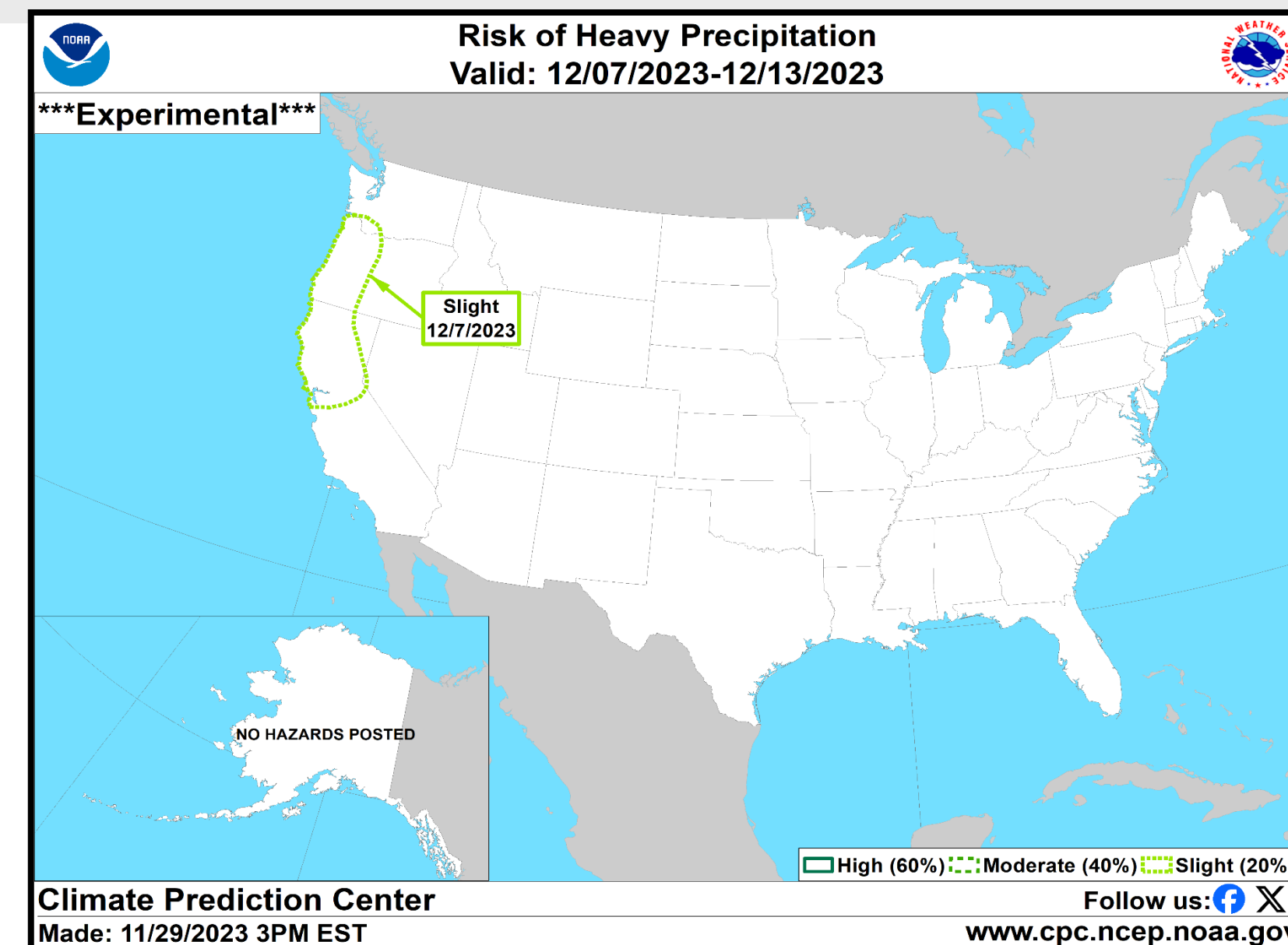
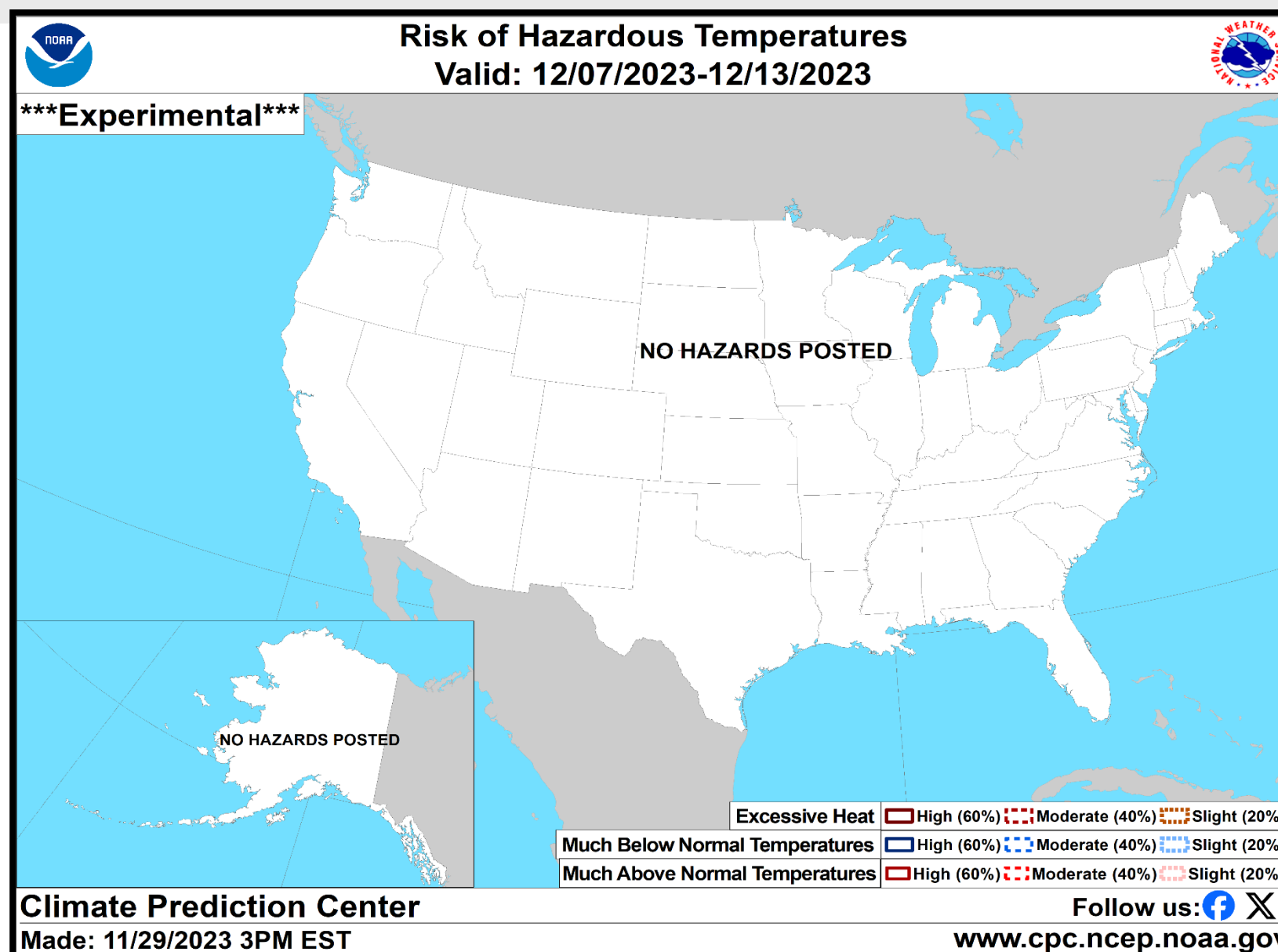
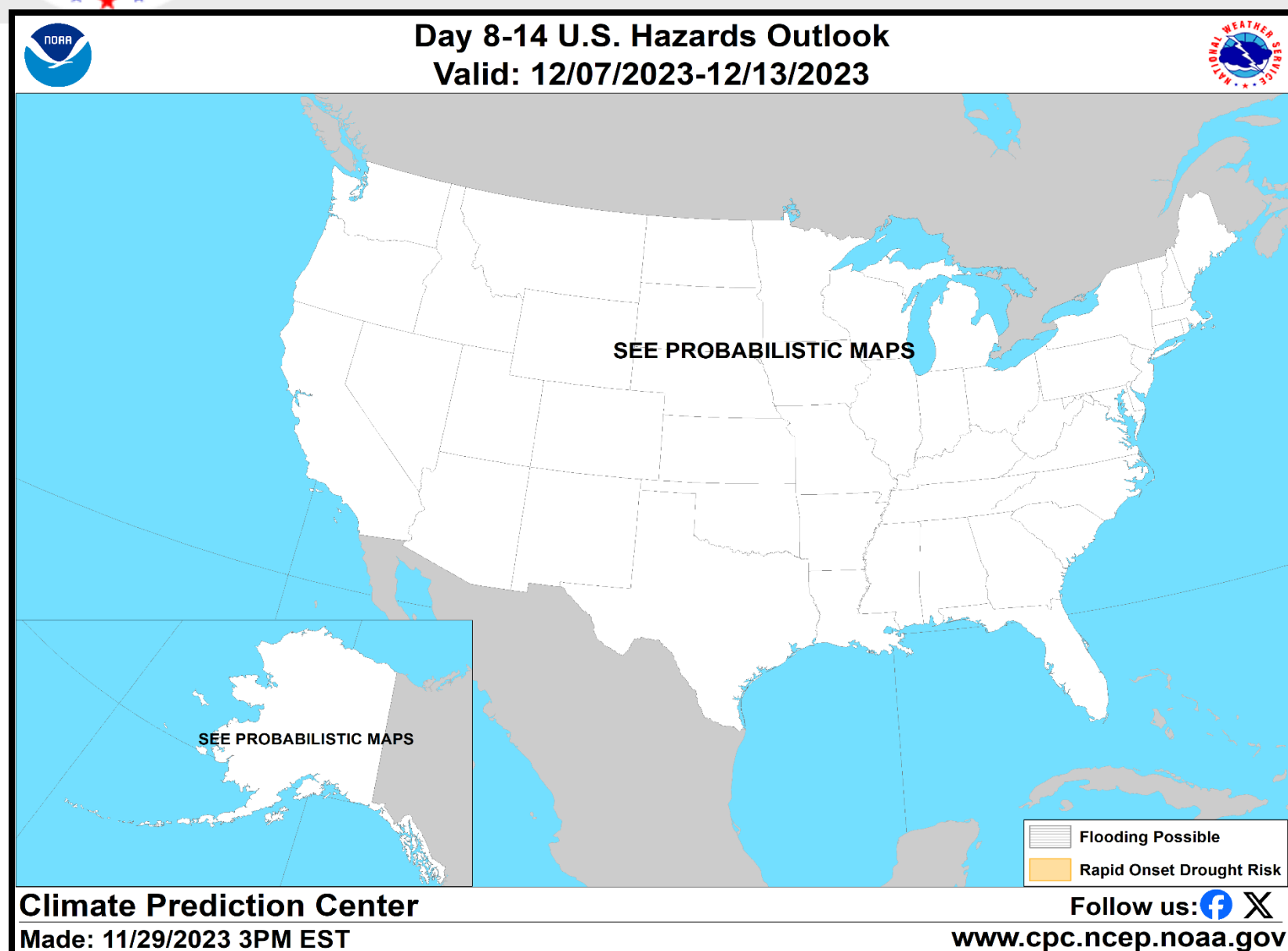
**NOTE:** These outlooks are issued in the afternoon and only issued on weekdays. Because of that and the fact that these slides are issued in the mornings:

- 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

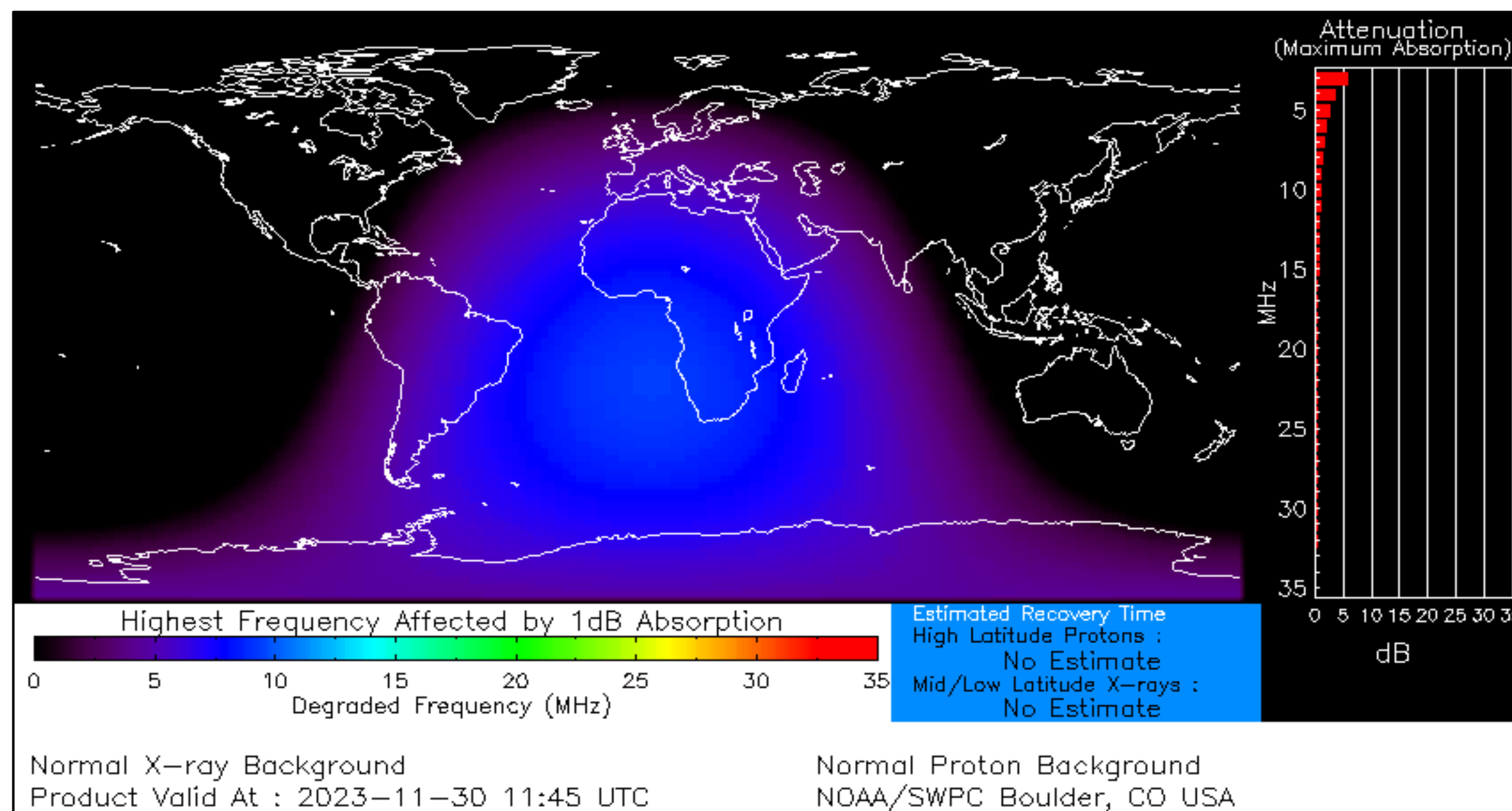
For additional information on this outlook go to <https://www.cpc.ncep.noaa.gov/products/predictions/threats/threats.php>





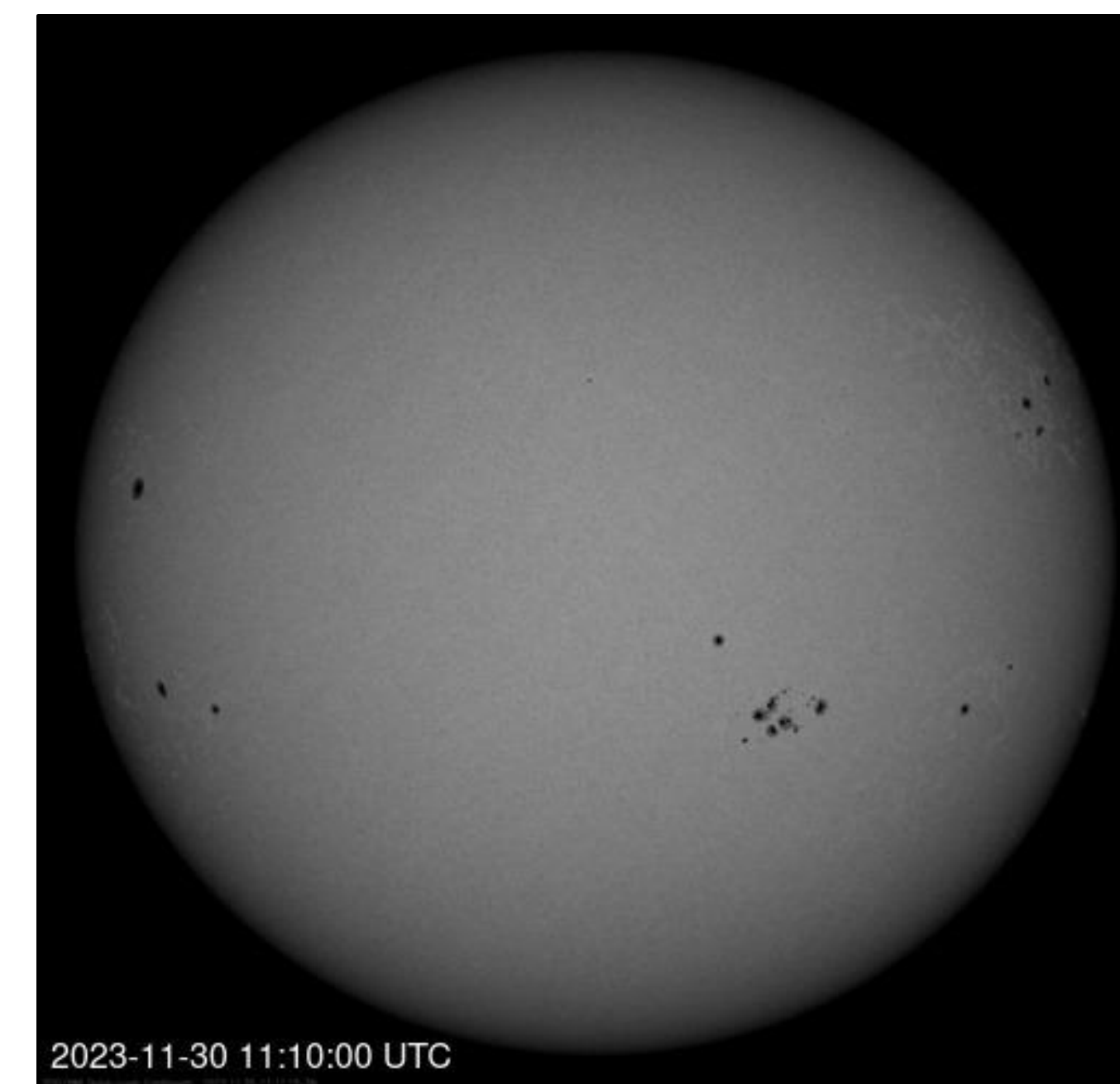
# Space Weather 3-Day Forecast

	Thursday	Friday	Saturday
<b>Geomagnetic Storms</b>	<b>Strong G3 Storm (Max Kp = 7)</b>	<b>Minor G1 Storm (Max Kp = 5)</b>	<b>Active (Max Kp = 4)</b>
<b>Solar Radiation Storm (S1-S5)</b>	<b>15%</b>	<b>15%</b>	<b>20%</b>
<b>Radio Blackout (R1-R2)</b>	<b>40%</b>	<b>40%</b>	<b>40%</b>
<b>Radio Blackout (R3-R5)</b>	<b>10%</b>	<b>10%</b>	<b>10%</b>



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)





**For more information, please contact:**

**National Weather Service  
Southern Region Headquarters  
Regional Operations Center  
Fort Worth, TX**

**Phone: (682) 703-3747**

**E-mail: [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)**

**Web: <http://www.weather.gov/srh>**



## Weather "Threat" Matrix for FEMA Region VI

Color	Definition	Criteria	Example(s)
Green	<p style="text-align: center;"><b>Very Common</b></p> <p>Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines</p>	<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</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 sea breeze storms in coastal TX</li> </ul>
Yellow	<p style="text-align: center;"><b>Somewhat Common – Happens Frequently</b></p> <p>Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life</p>	<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</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>Uncommon – A Few Times a Year</b></p> <p>Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life</p>	<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</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>Rare – Once every 1-5 Years</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>	<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</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>Very Rare – Once Every 5-10 Years</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>	<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</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@noaa.gov](mailto:sr-srh@noaa.gov)**