



# FEMA



Prepared by  
*Mark Wiley*

# FEMA Region 6 Weather Threat Briefing

Friday January 12, 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).



NWSSouthern

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



# Summary of the Upcoming Week

- **Slight risk area for severe thunderstorms over E LA this morning**
- **Critical fire weather for S TX today.**
- **Gusty winds for OK, TX, AR, LA, NM today could cause difficult travel, downed trees/power lines, isolated power outages.**
- **Sunday into Monday: Snow in OK, AR is likely; light wintry mix (freezing drizzle/sleet) over N/Cntrl/E TX into N/W LA possible. May result in hazardous travel conditions.**
- **Colder weather with temperatures 25-35 degrees below normal for northern portions of the Region Saturday and Sunday expanding across most of the Region by Monday.**



# FEMA Region 6 Threat Matrix

Jan 12, 2024 - Jan 16, 2024

DAY / THREAT	Fri	Sat	Sun	Mon	Tue
Severe Storms	E LA				
Heavy Rain / Flash Flooding					
Fire Weather	STX				
Cold		N OK	OK, NTX NE NM, N AR	Most of the Region	Most of the Region
Winds	OK, TX, AR, LA, NM	NM			
Winter Weather	E OK, NW AR (A.M.)		OK, AR, N/Cntrl/E TX, N/W LA	OK, AR, NETX, N LA	
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

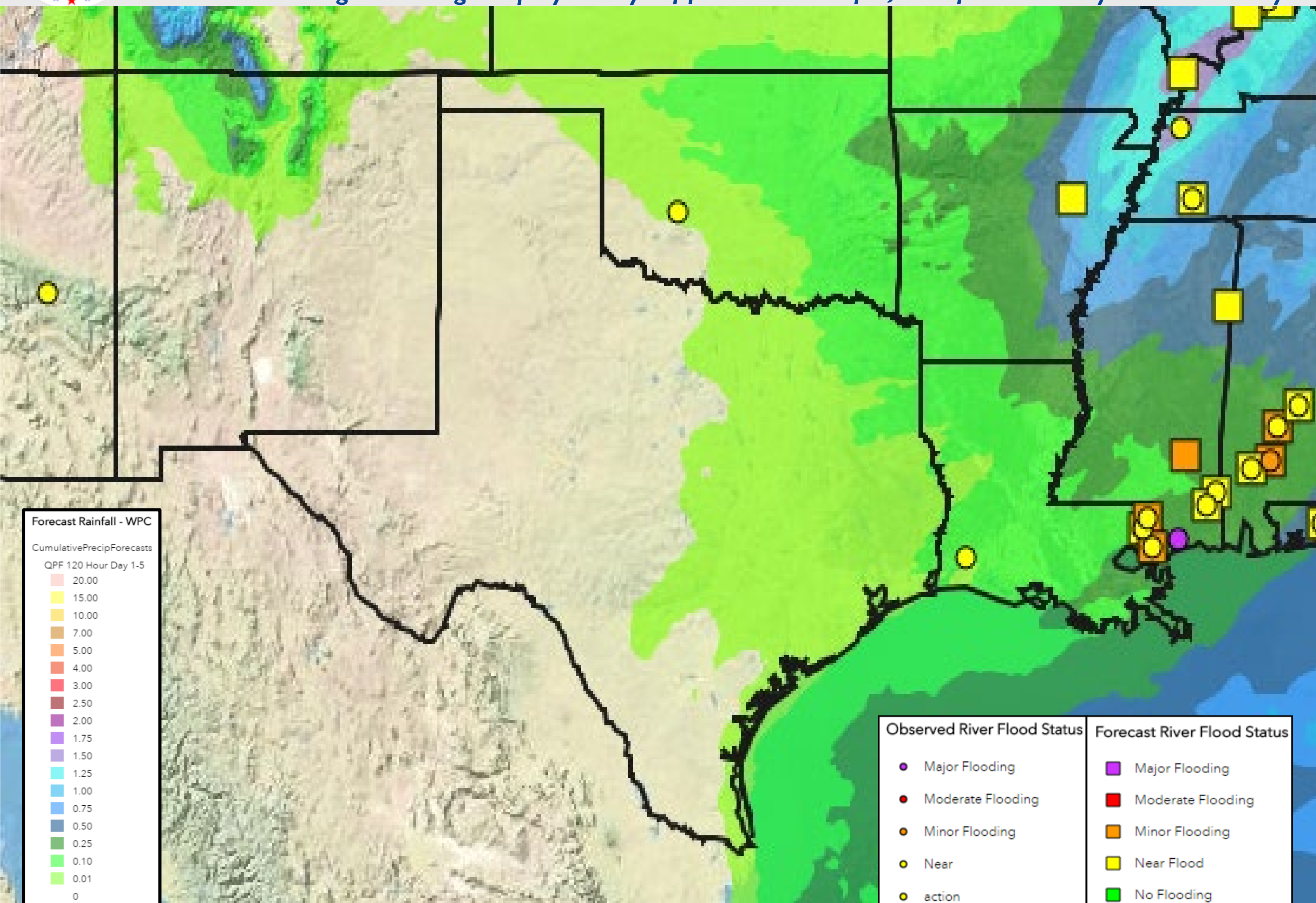
*\*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.\**

*For more details on the colors in the threat matrix refer to the last slide in this briefing.*



# 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.**

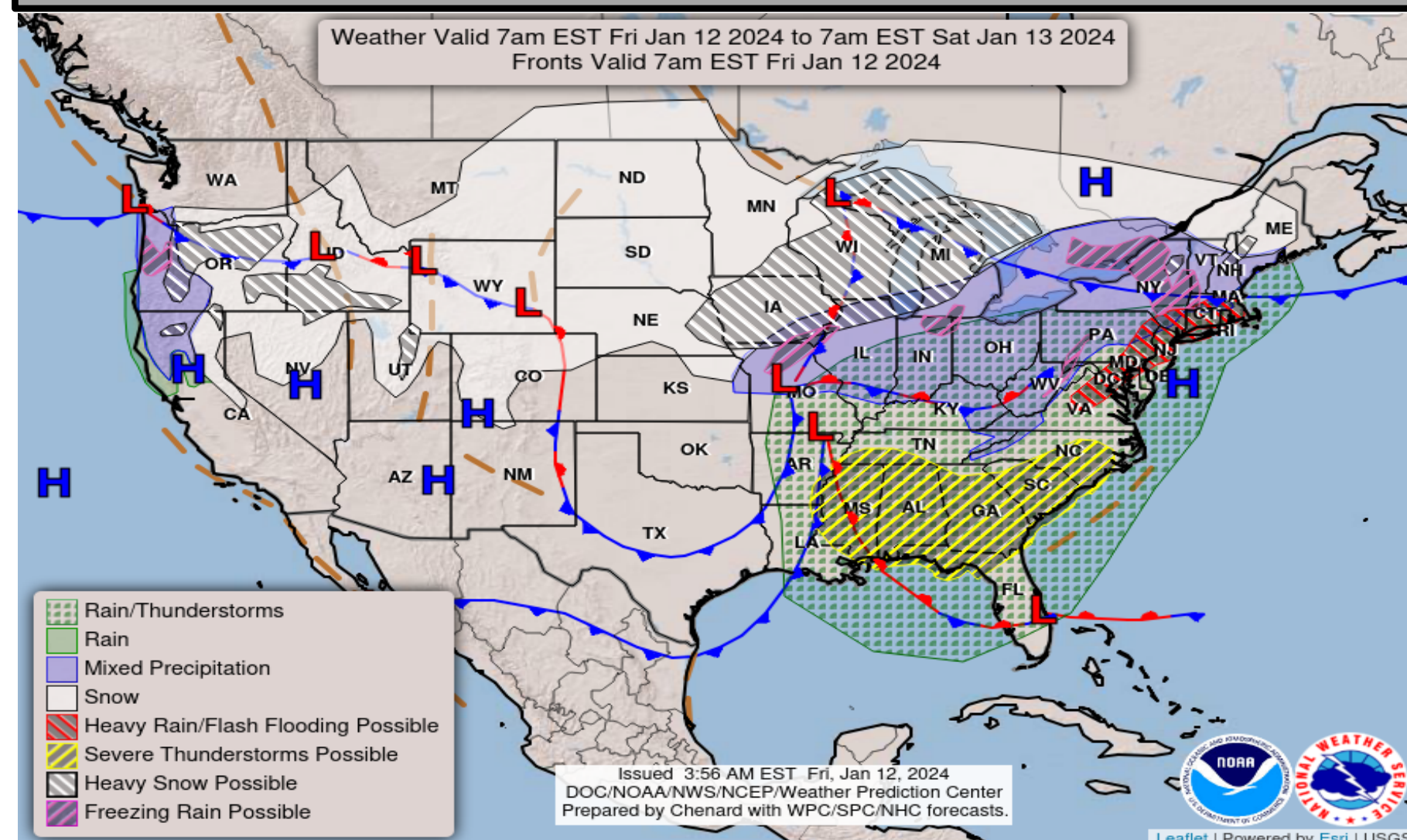
<http://water.weather.gov/ahps> for latest river flooding



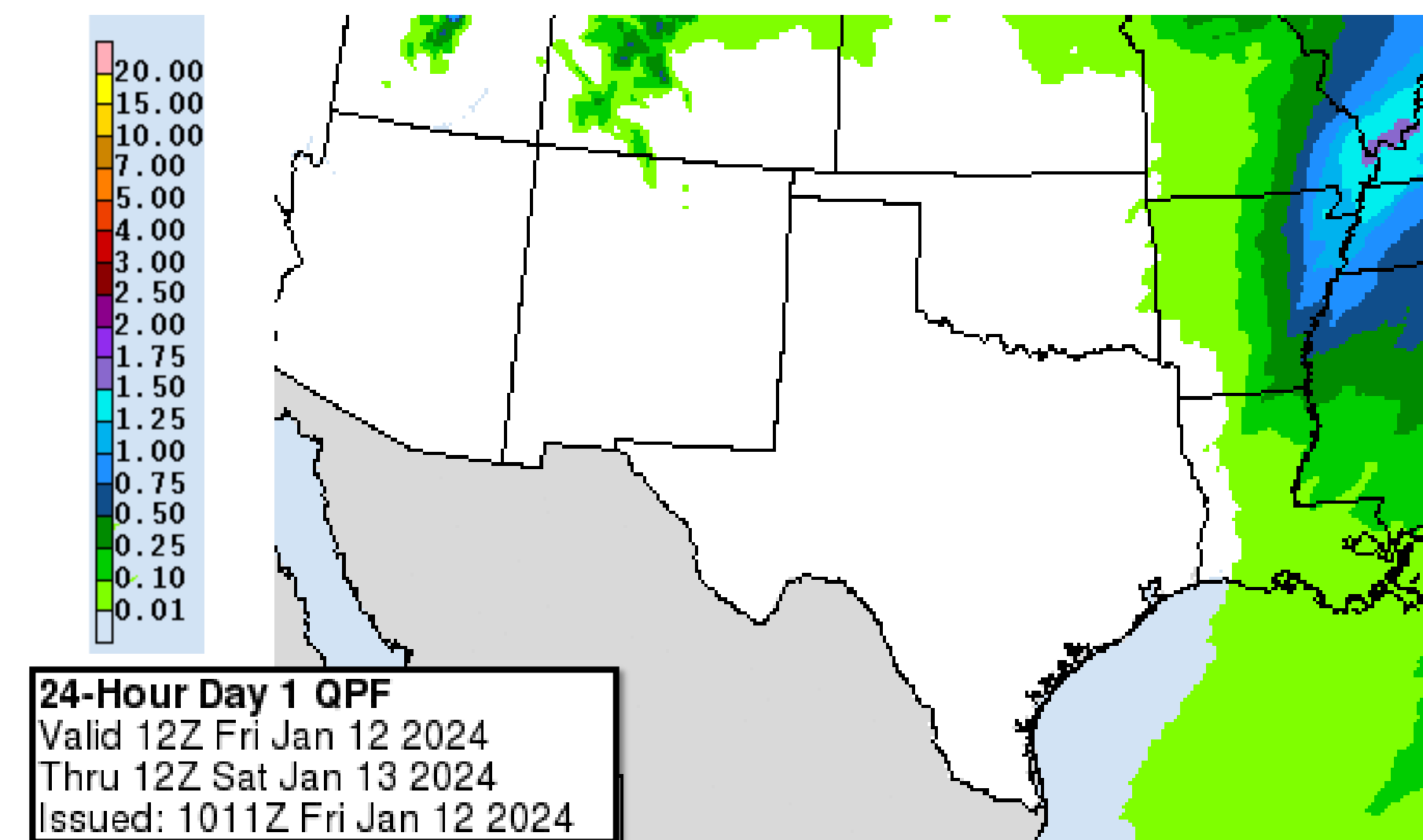


# Today's Weather

## Forecast Chart



## Forecast Rainfall

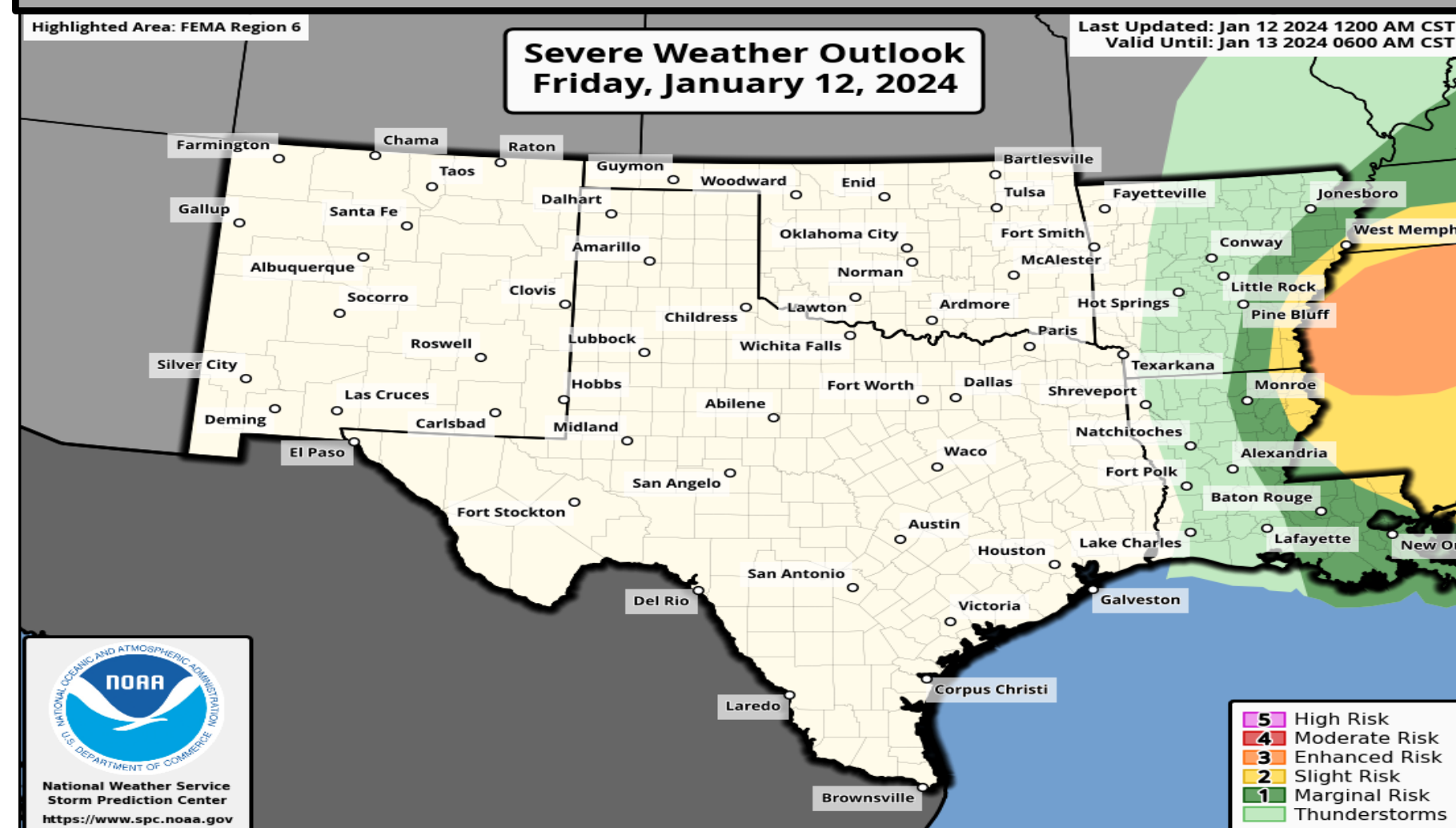


Slight risk area for severe thunderstorms for E LA.

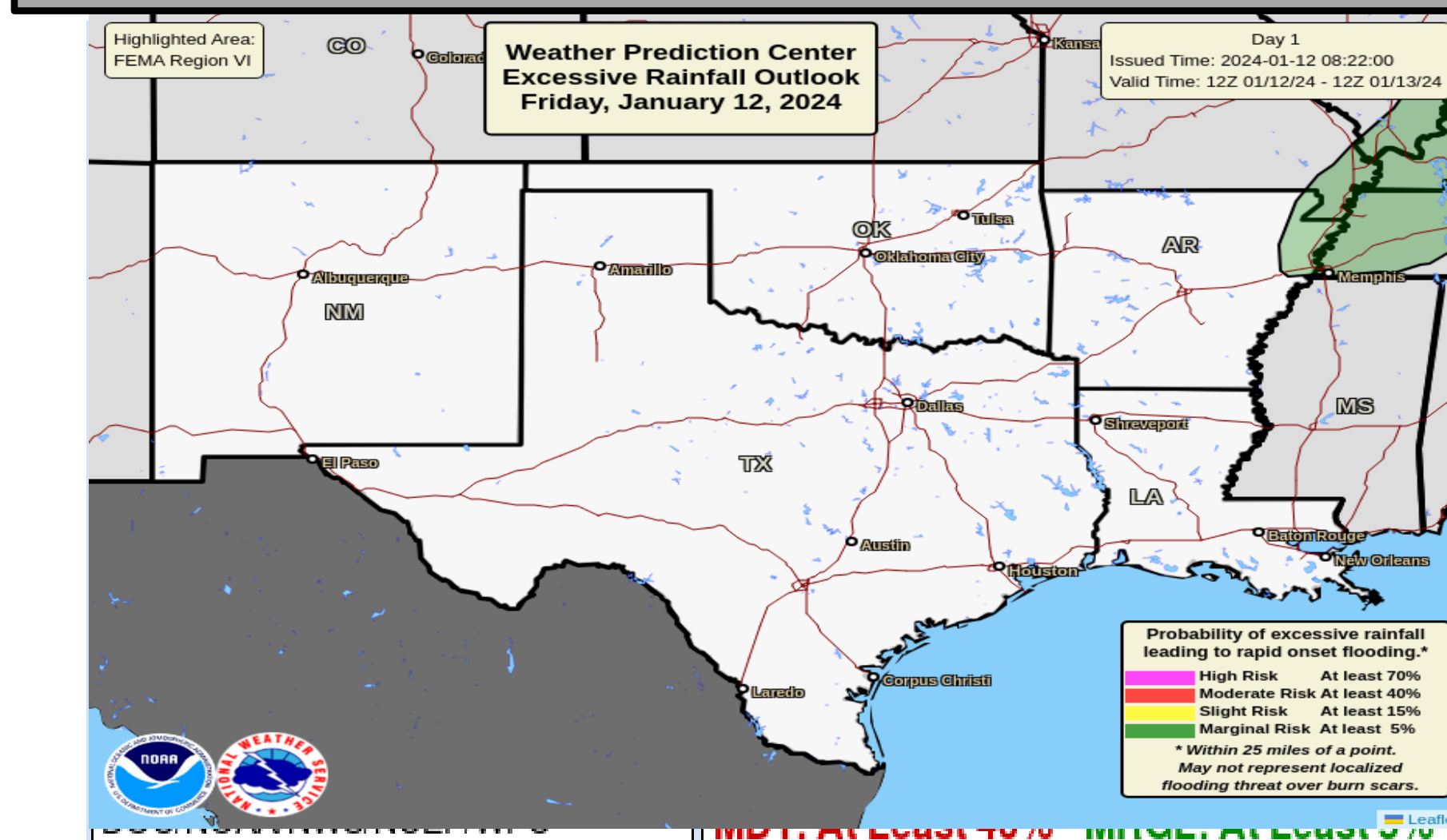
Critical fire weather conditions for STX.

Gusty winds for OK, TX, AR, LA, NM could cause difficult travel, downed trees/power lines, isolated power outages.

## Severe Weather Outlook



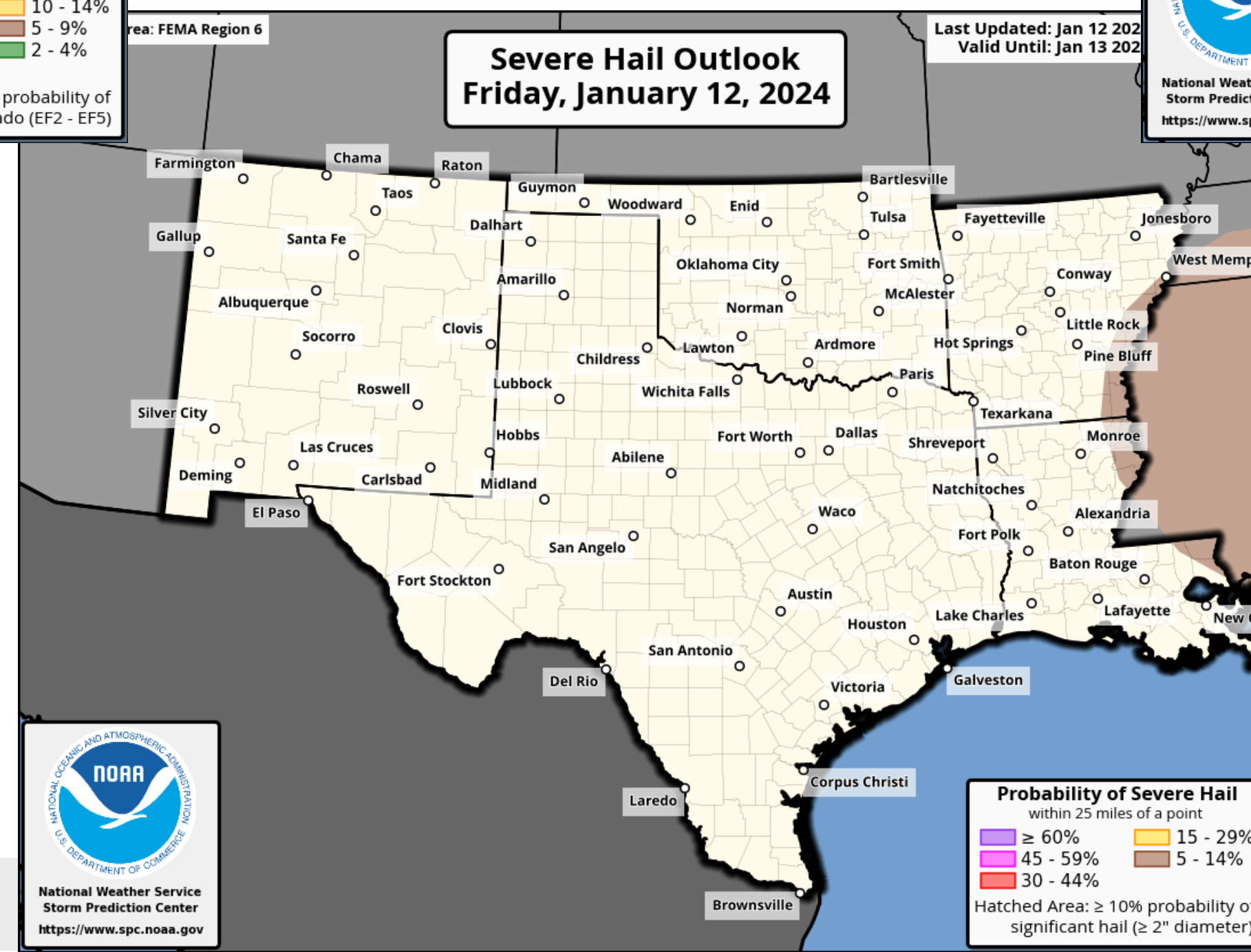
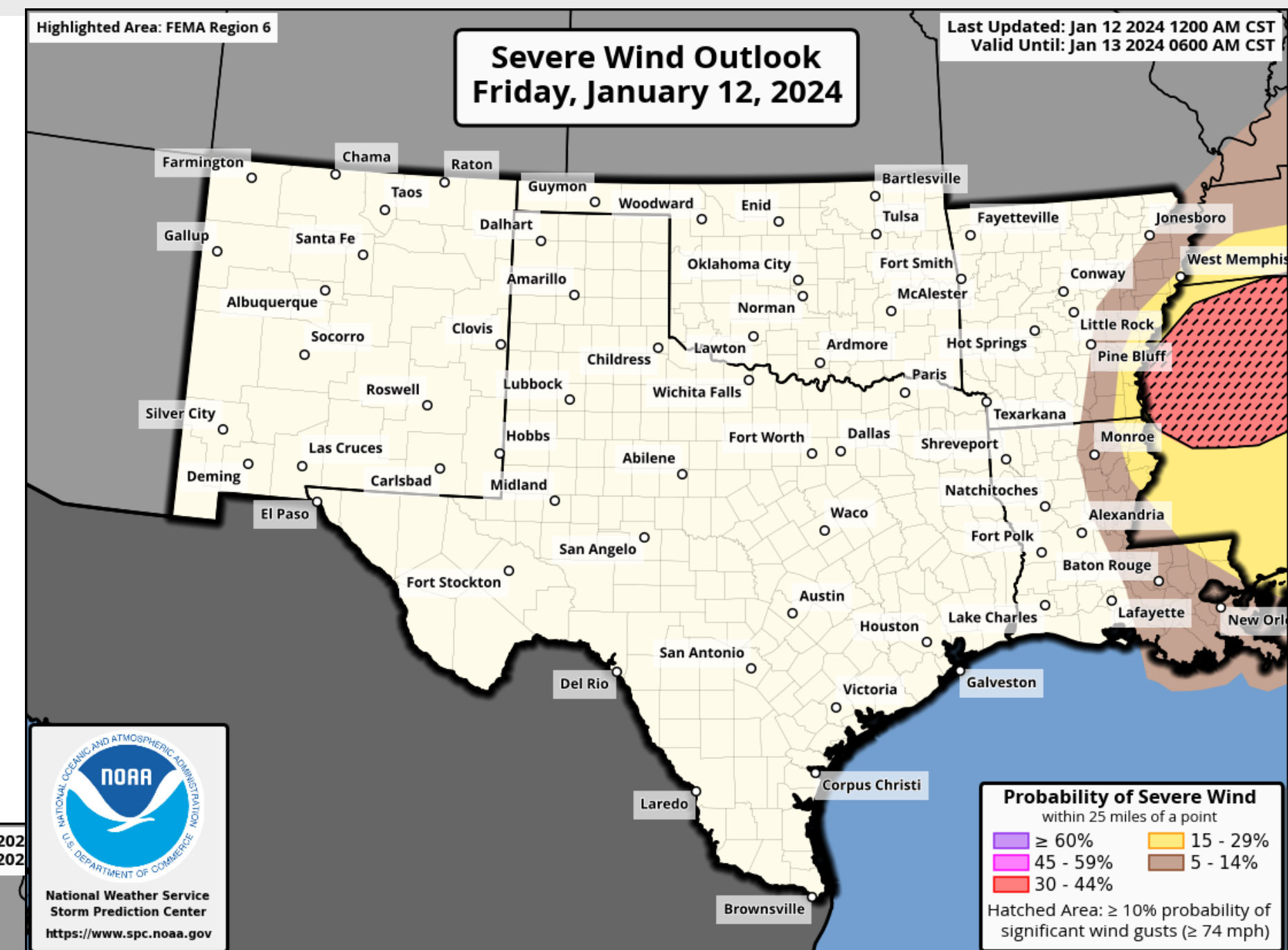
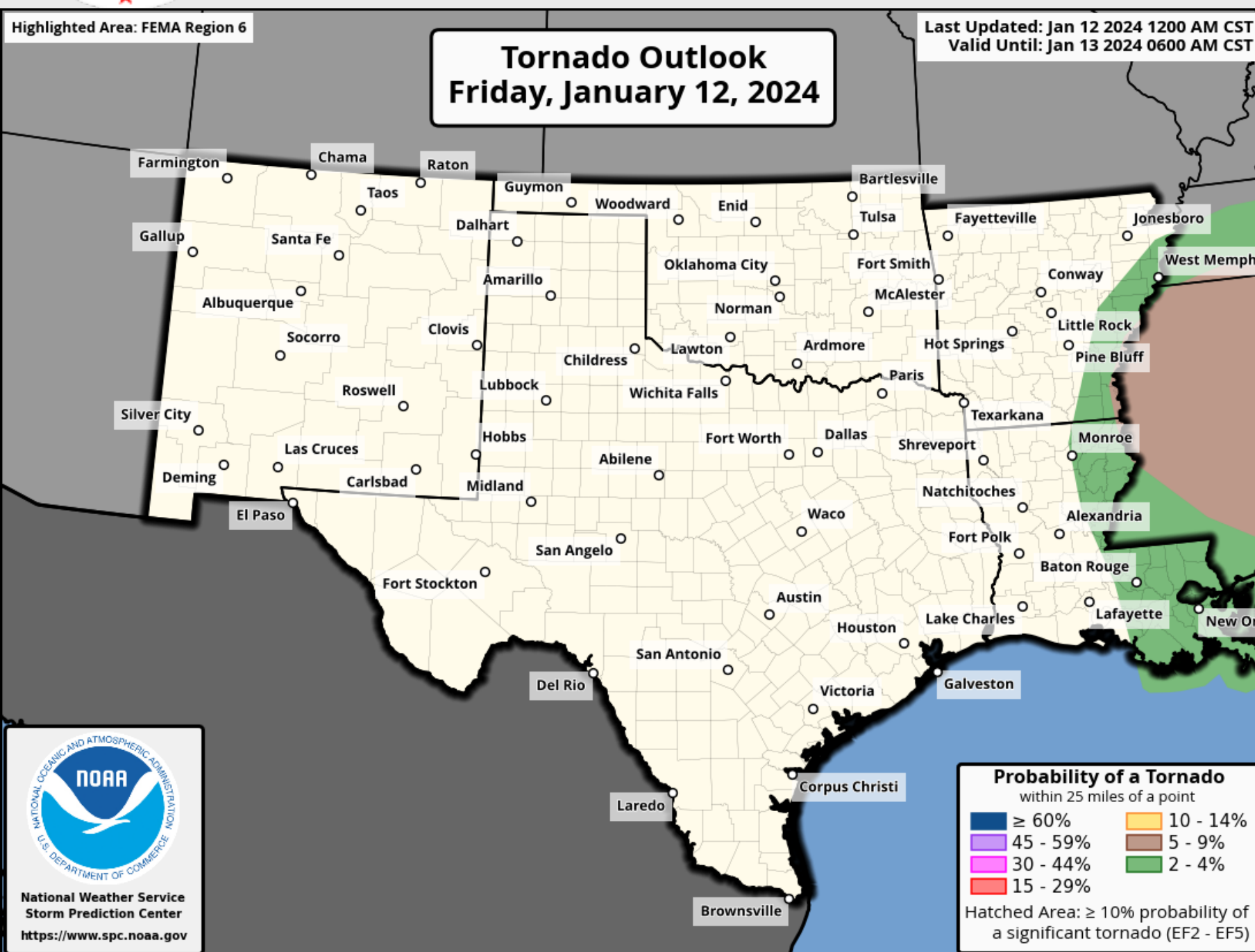
## Excessive Rainfall Outlook







# Today's Tornado & Severe Wind / Hail Probabilities



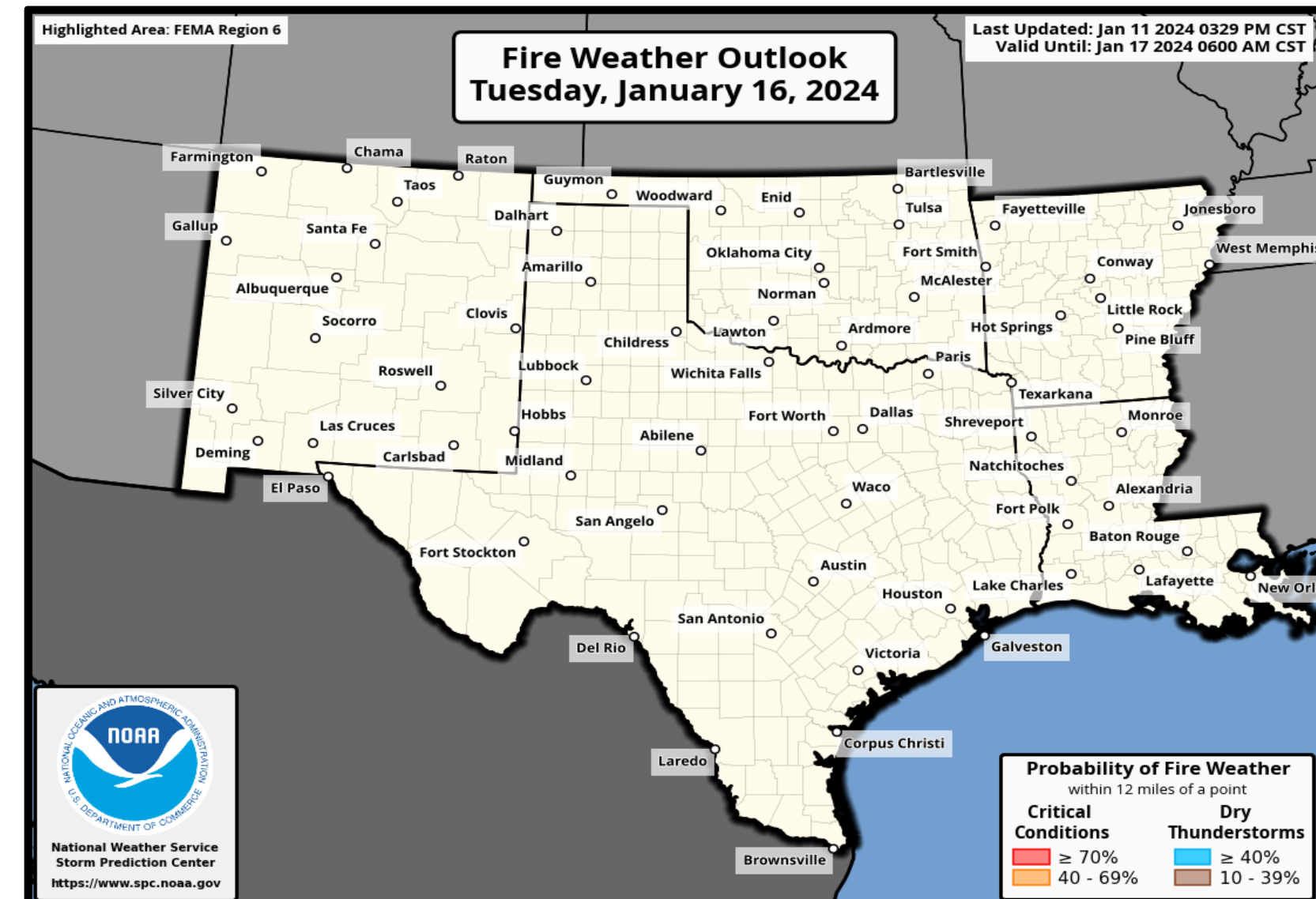
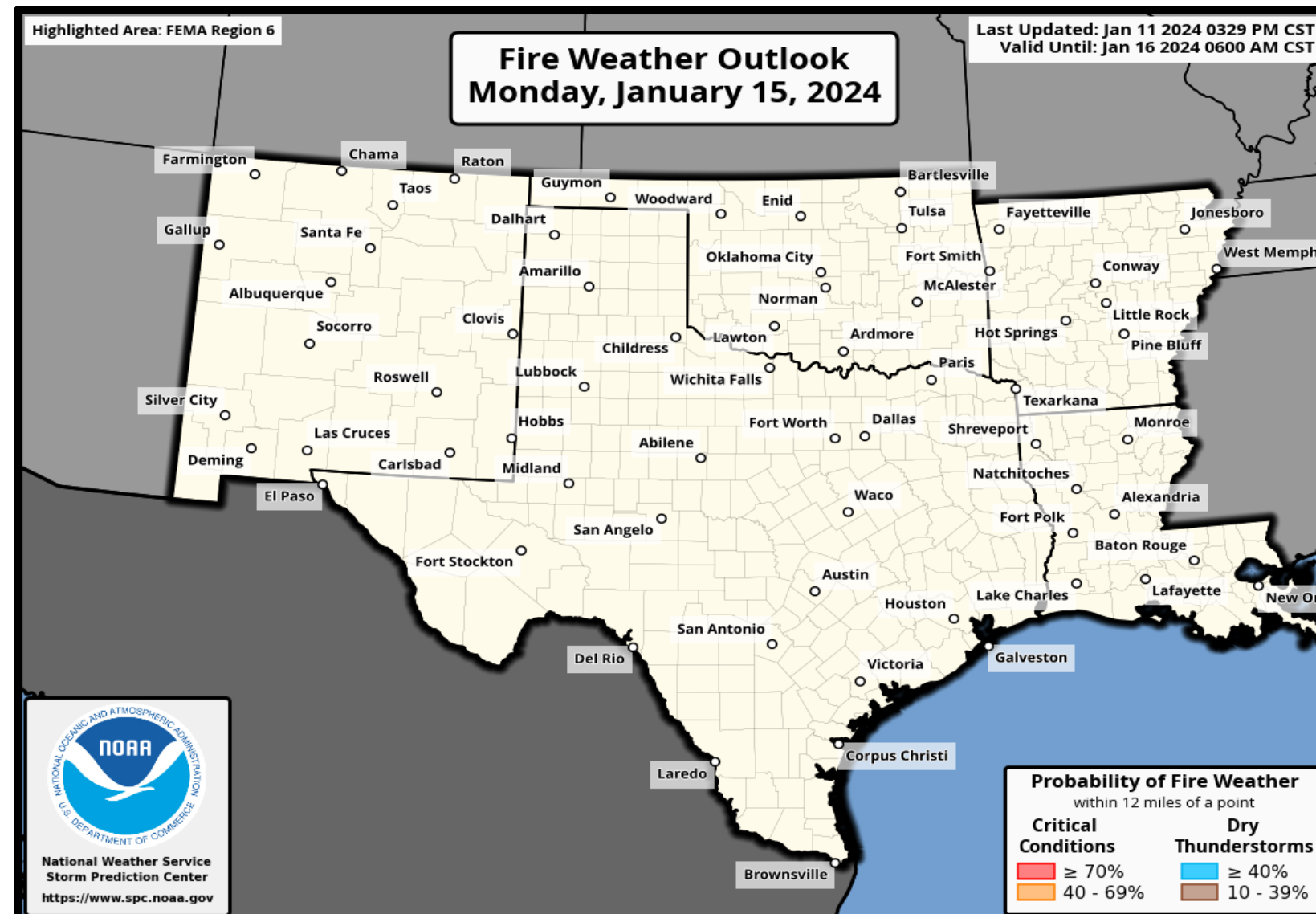
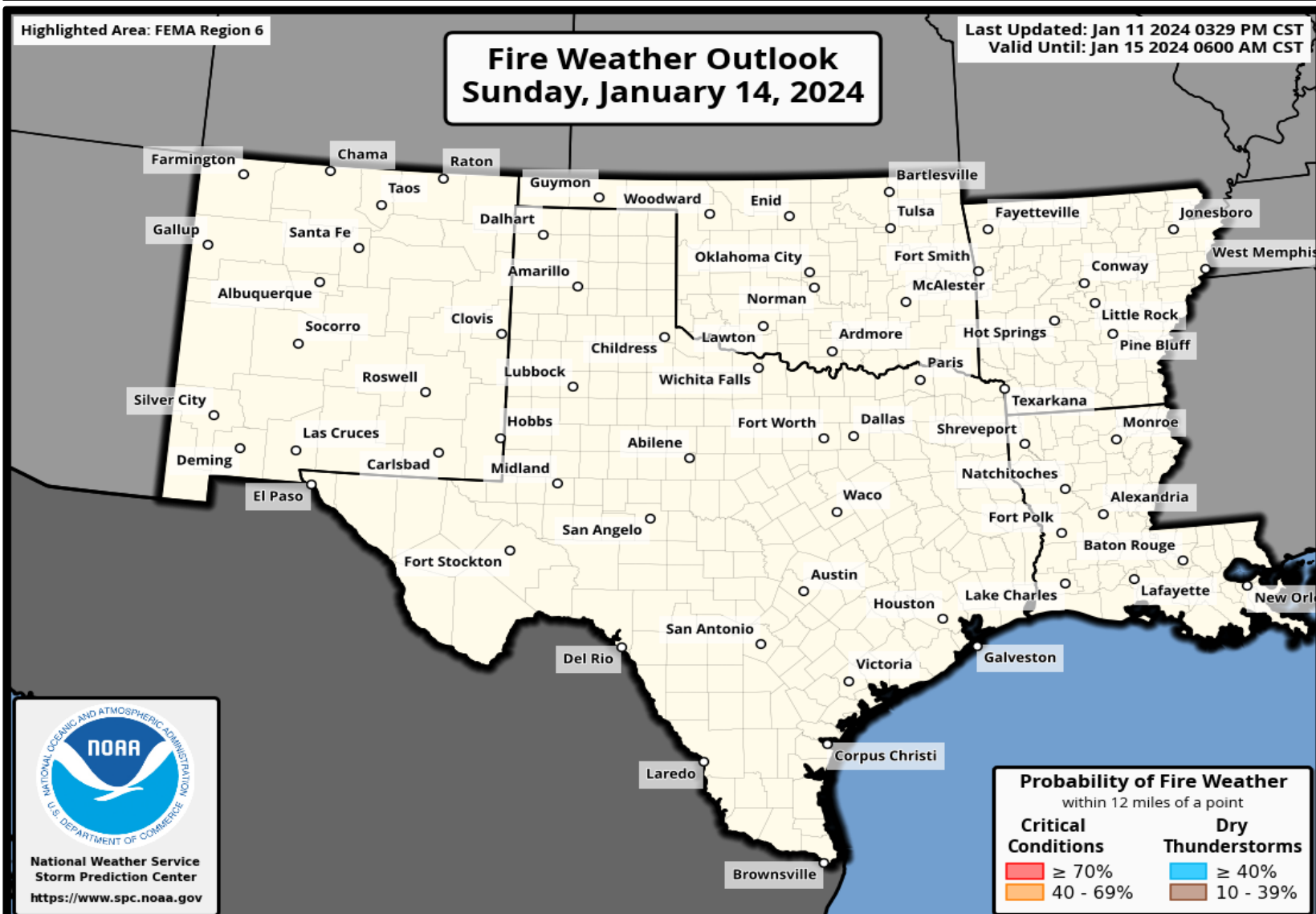
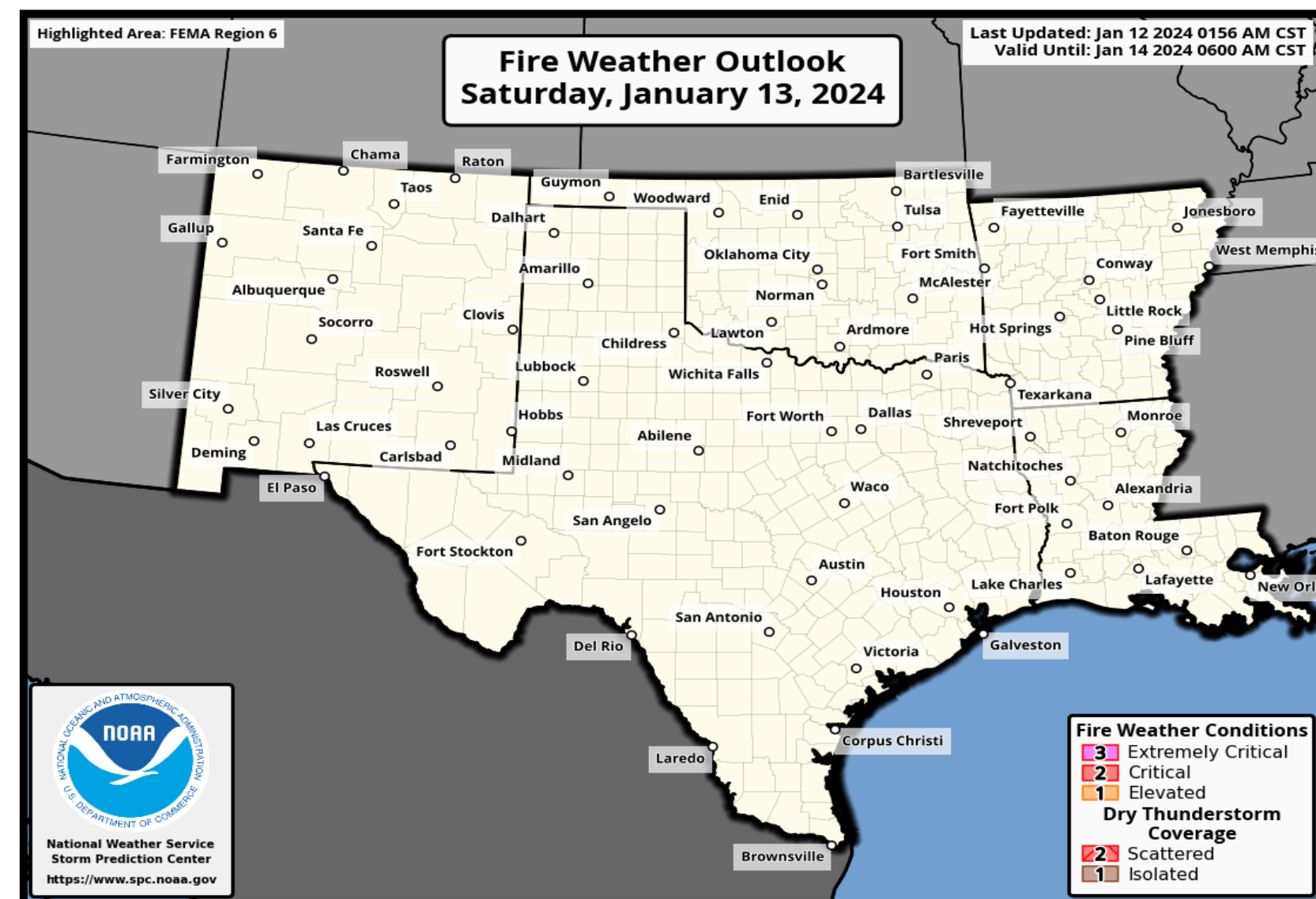
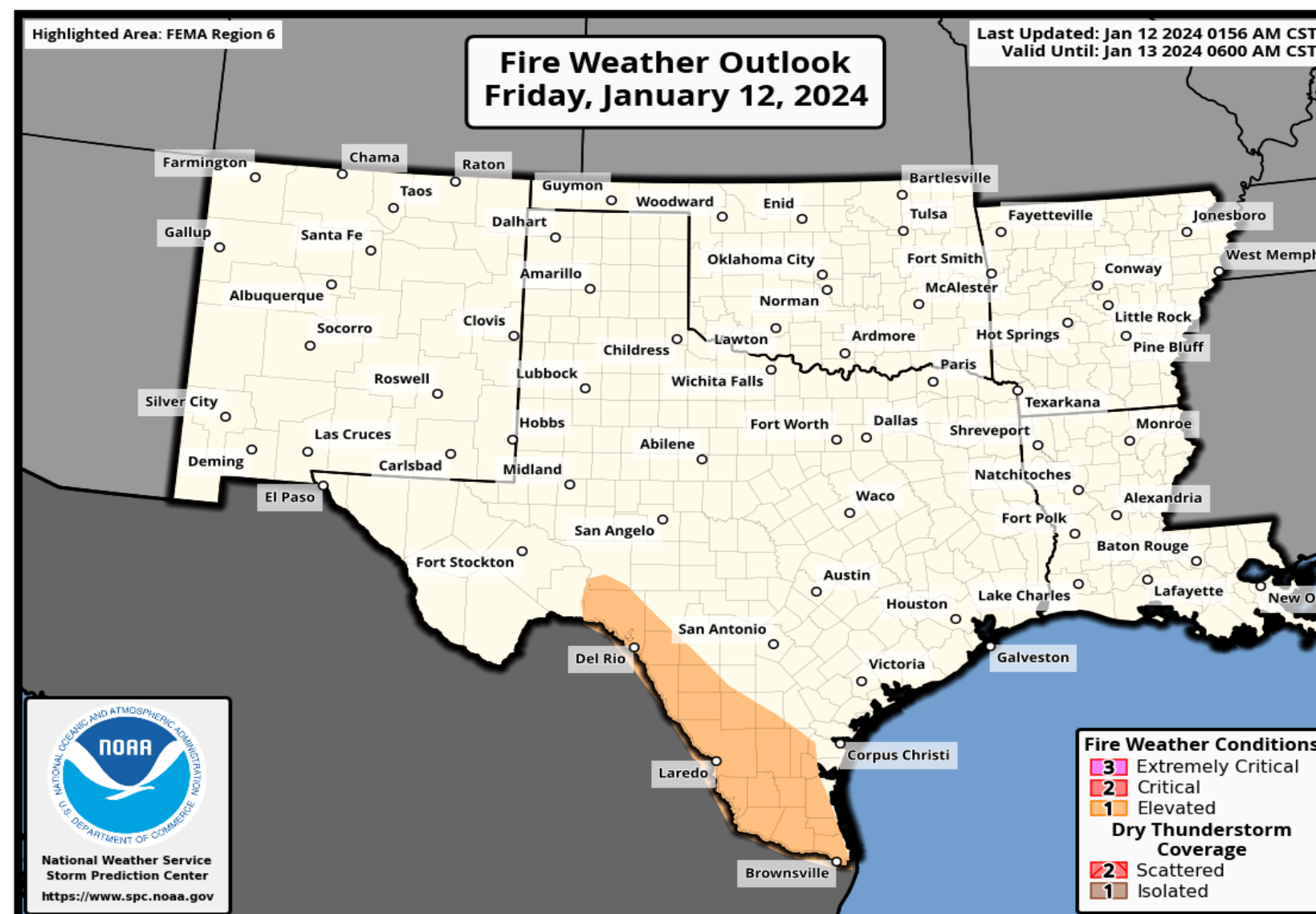
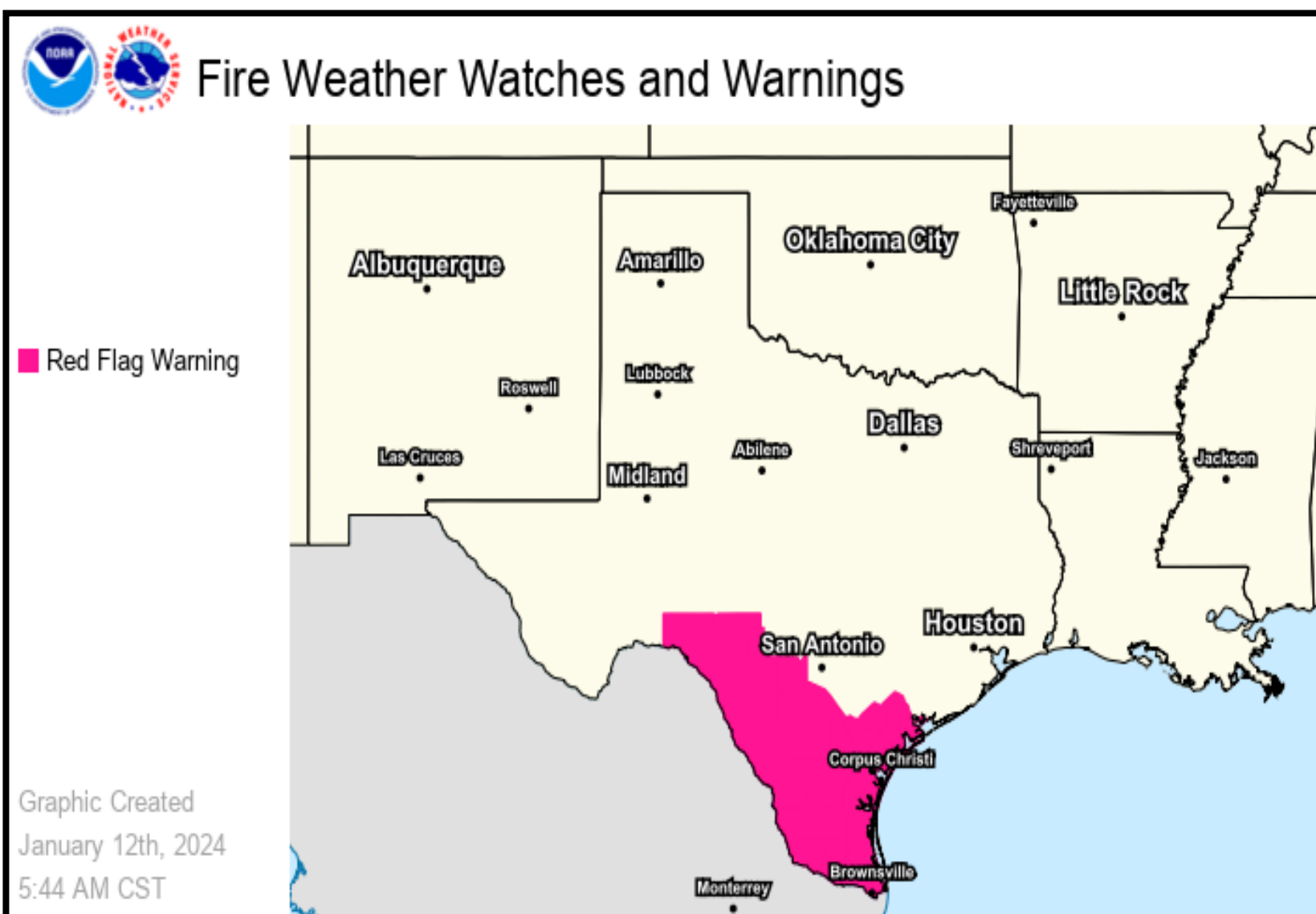
Last Updated: 1/12/2024 7:24 AM CT

Weather Service – Southern Region ROC





# Fire Weather Outlooks





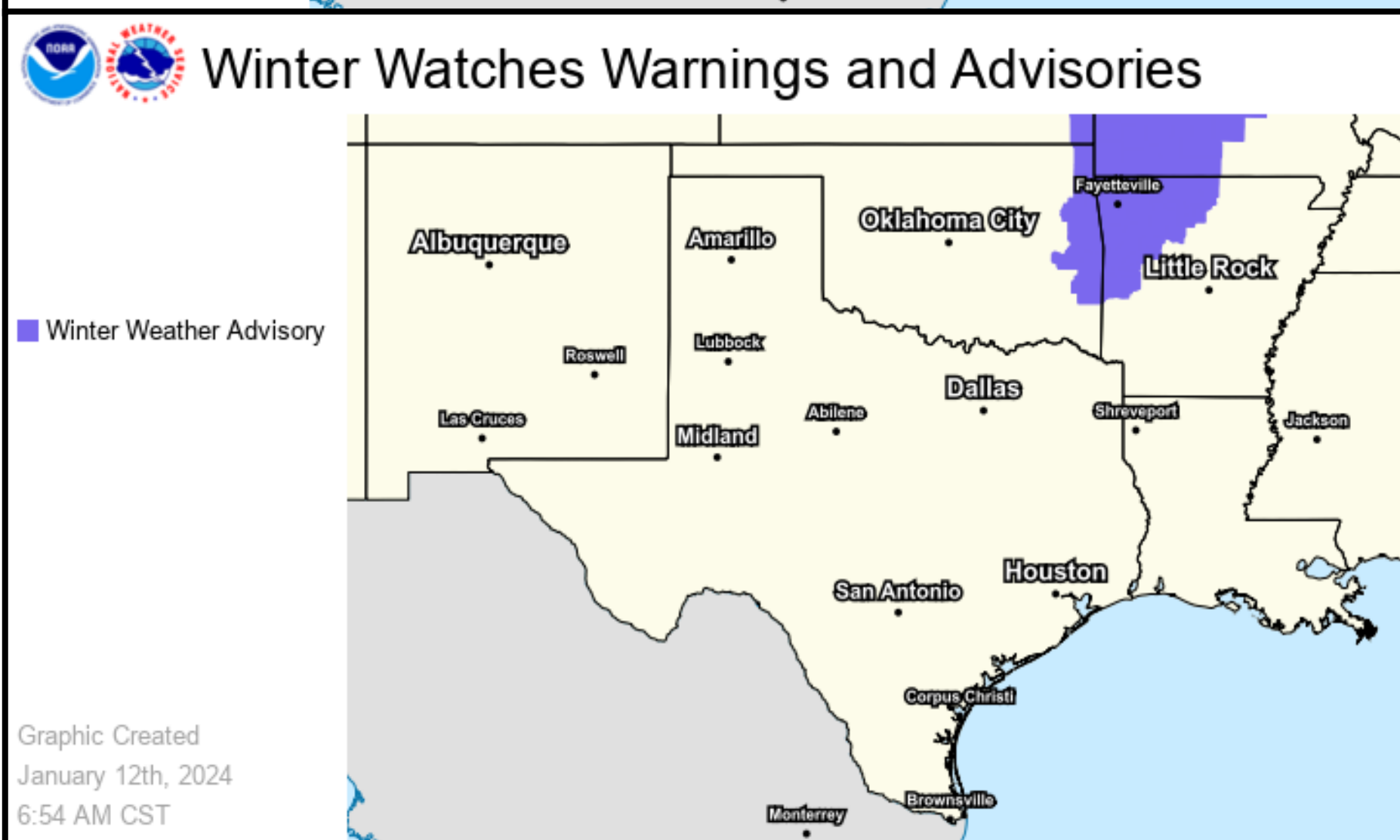
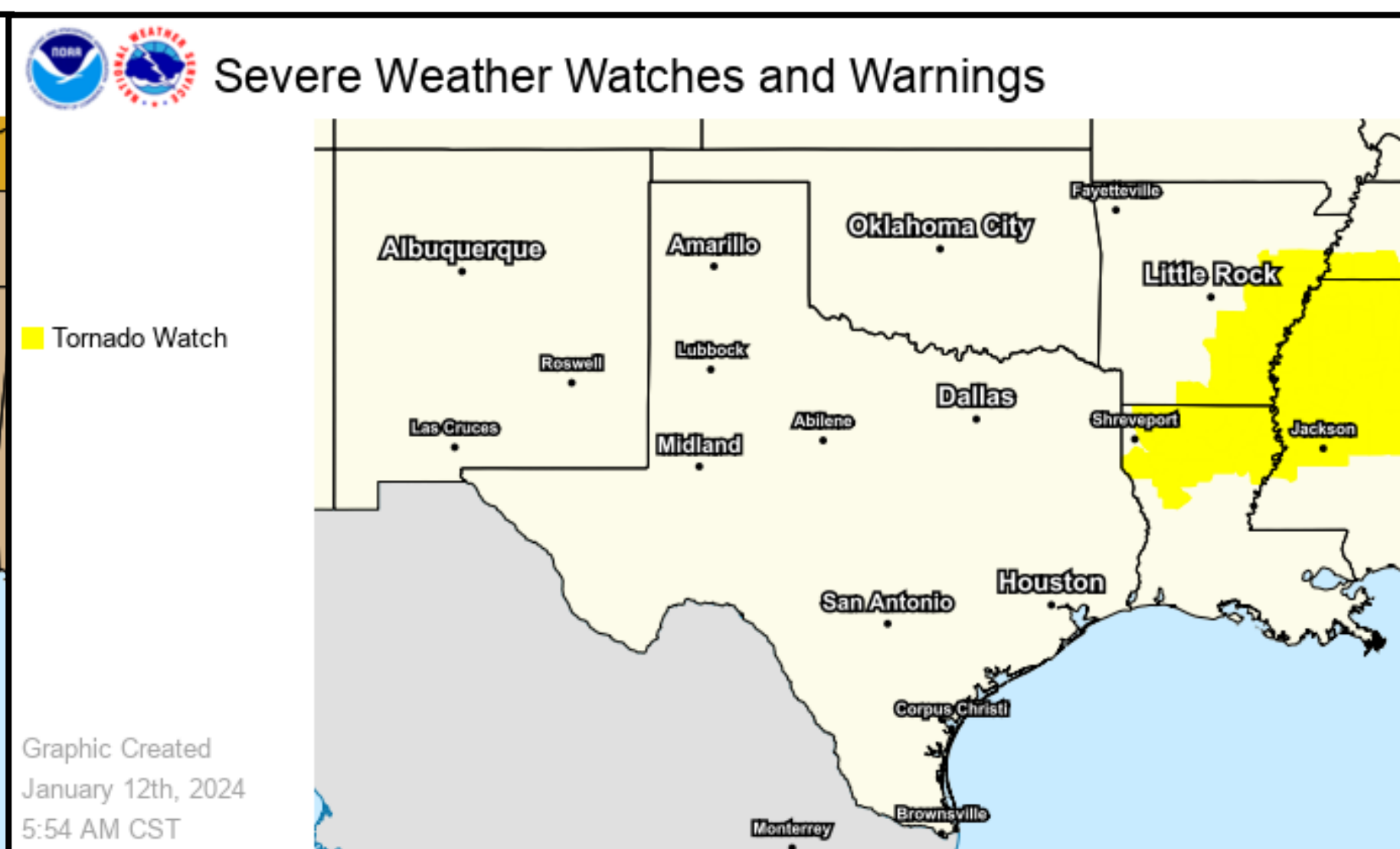
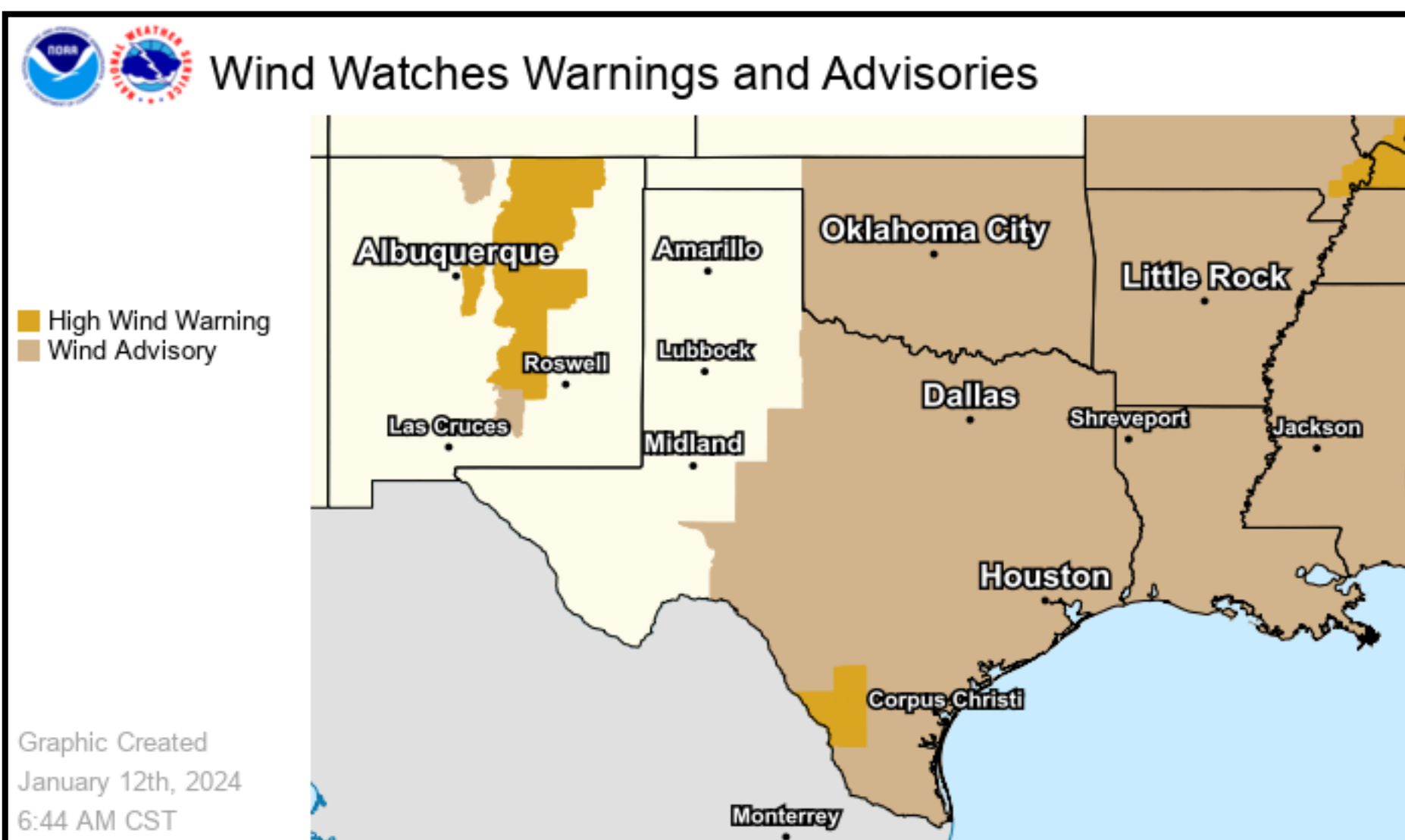


# Watches, Warnings, and Advisories

Wind, Severe, Winter, and Flood Hazards

**Winter Weather Advisory this morning E OK, NW AR**

**Wind Advisory/High Wind Warnings today for much of the Region**







# Winter Weather

Friday - Sunday

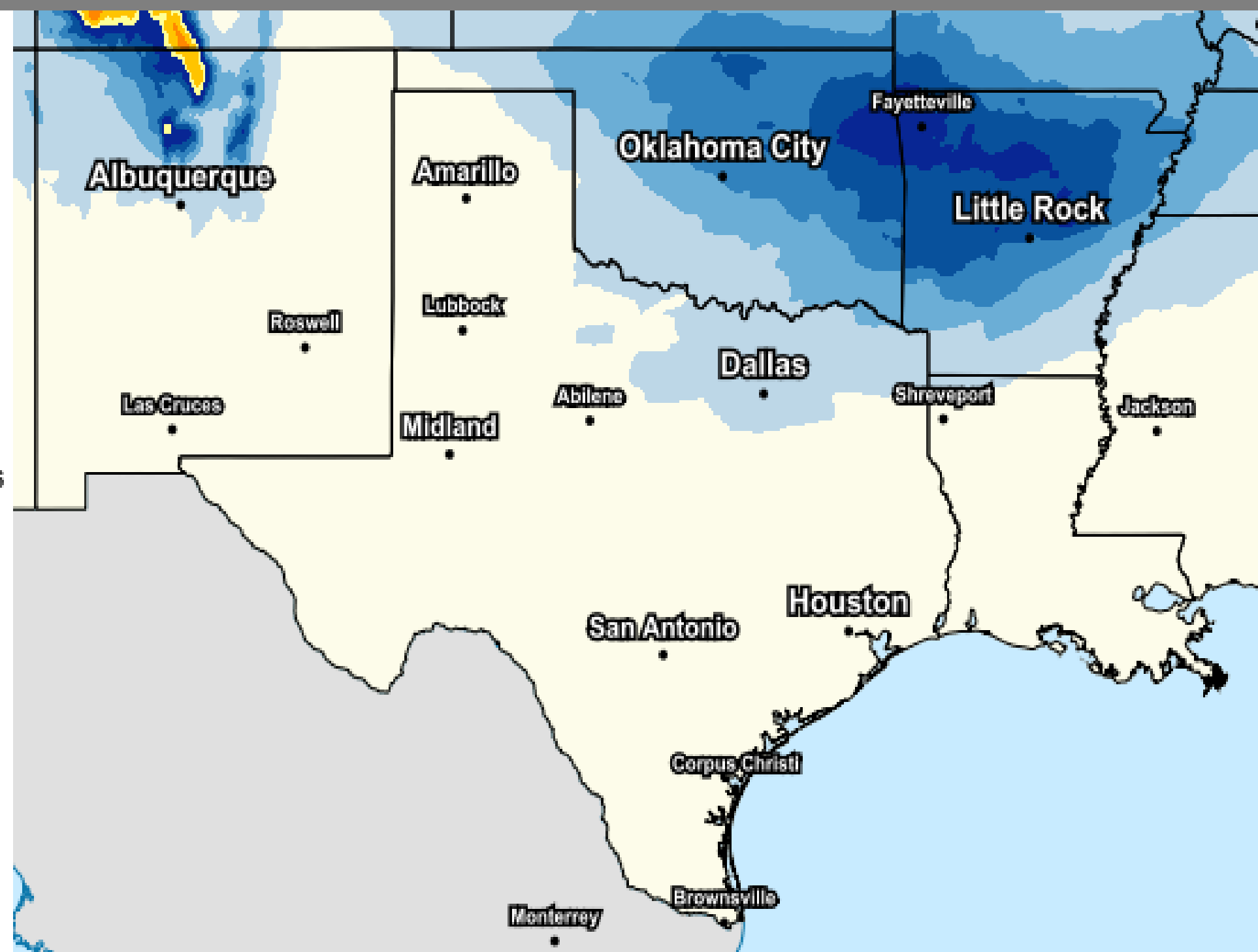
## Forecast Snow Amounts



### Forecast Snowfall

Valid Ending Monday January 15th, 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  
January 12th, 2024  
5:22 AM CST

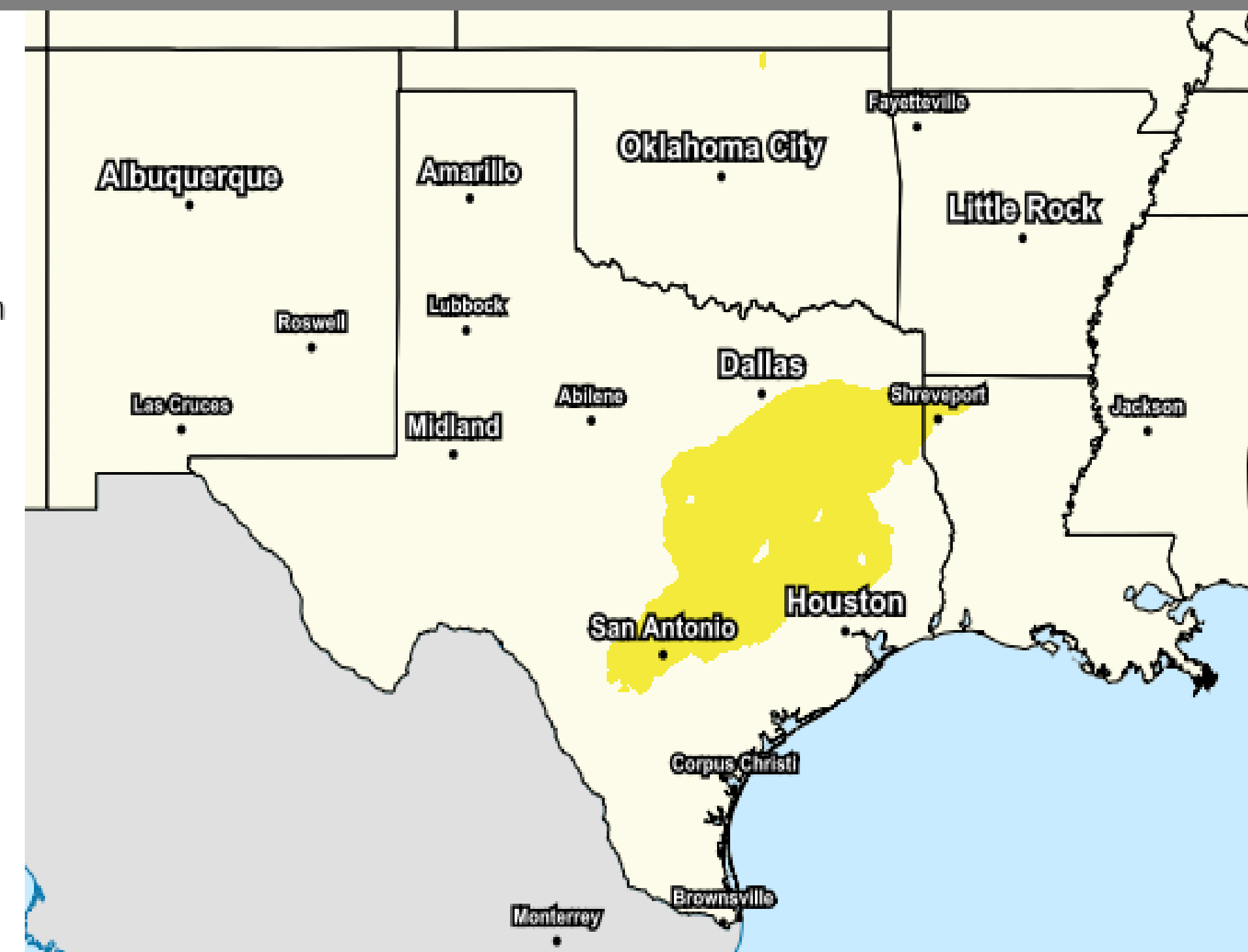
## Forecast Ice Amounts



### Ice Accumulation Forecast

Valid Ending Monday January 15th, 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

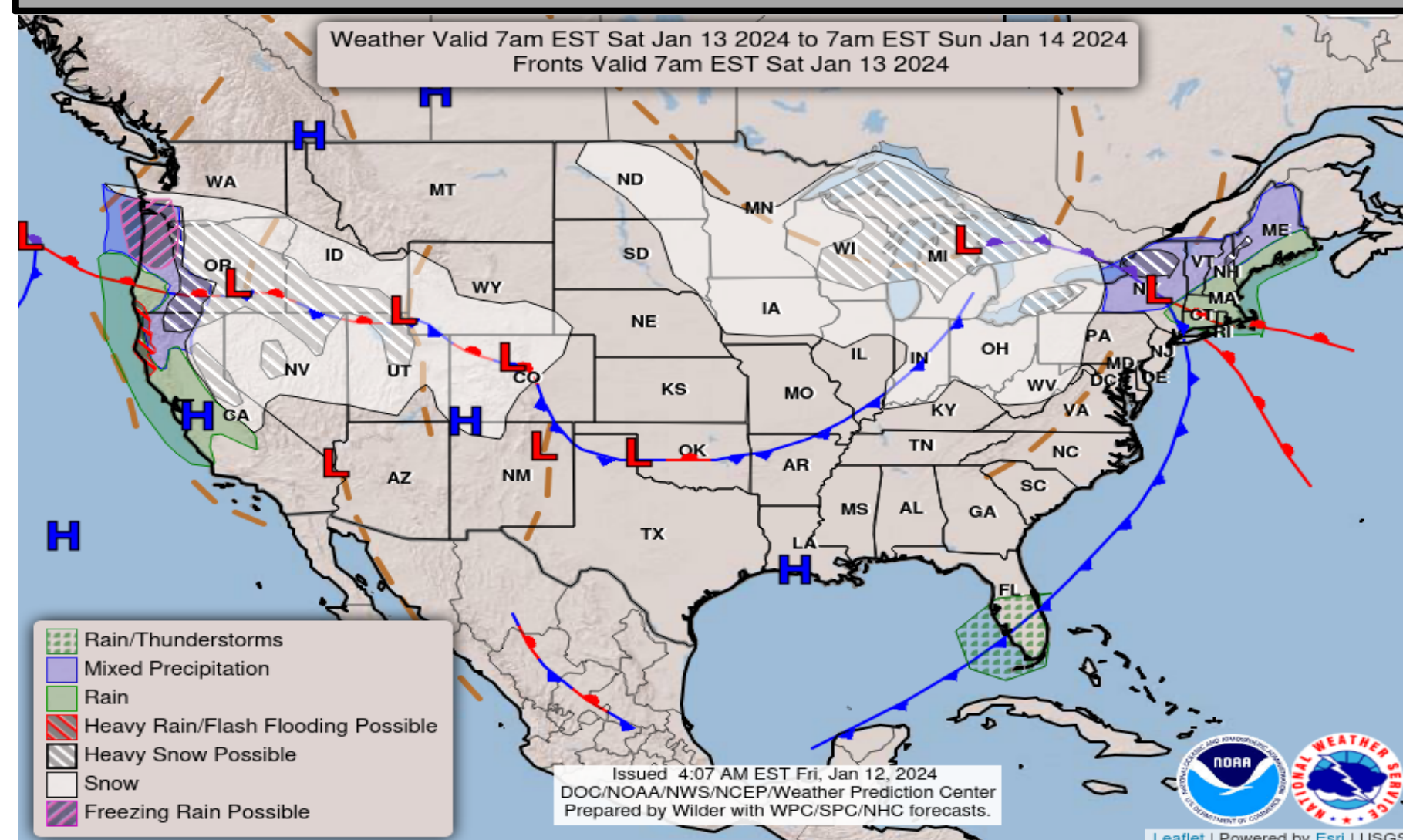


Graphic Created  
January 12th, 2024  
5:22 AM CST

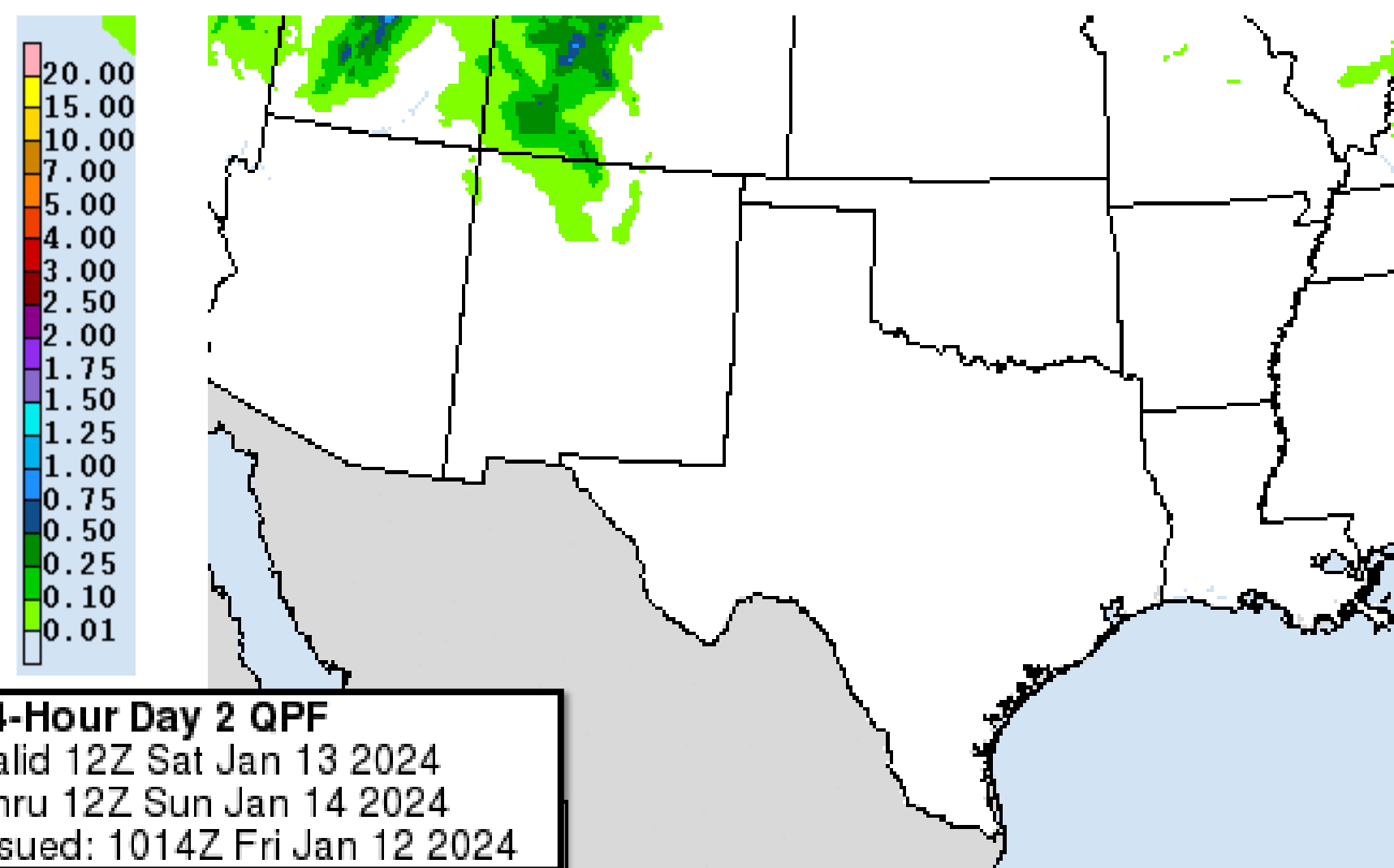


# Tomorrow's Weather

## Forecast Chart

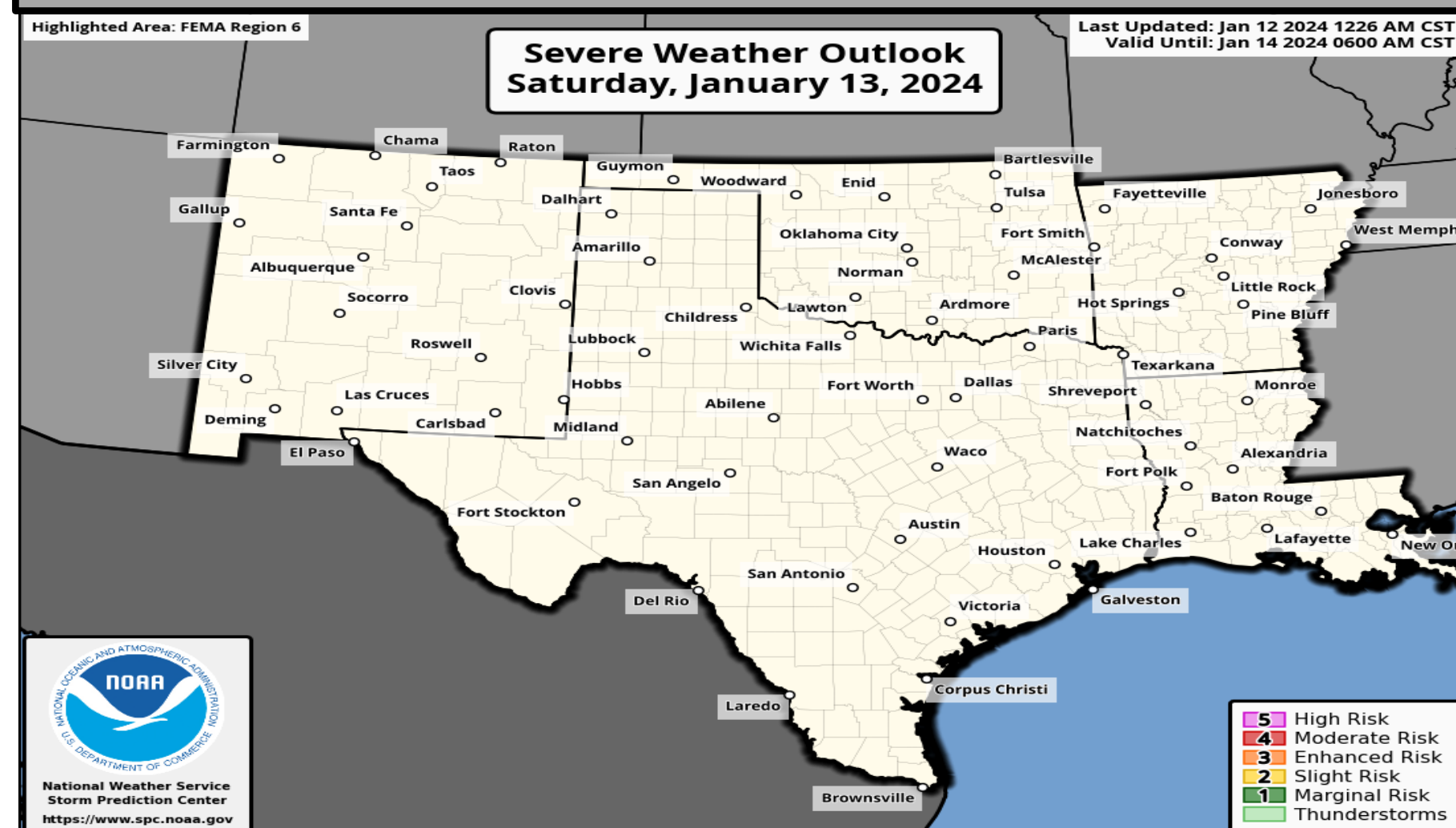


## Forecast Rainfall

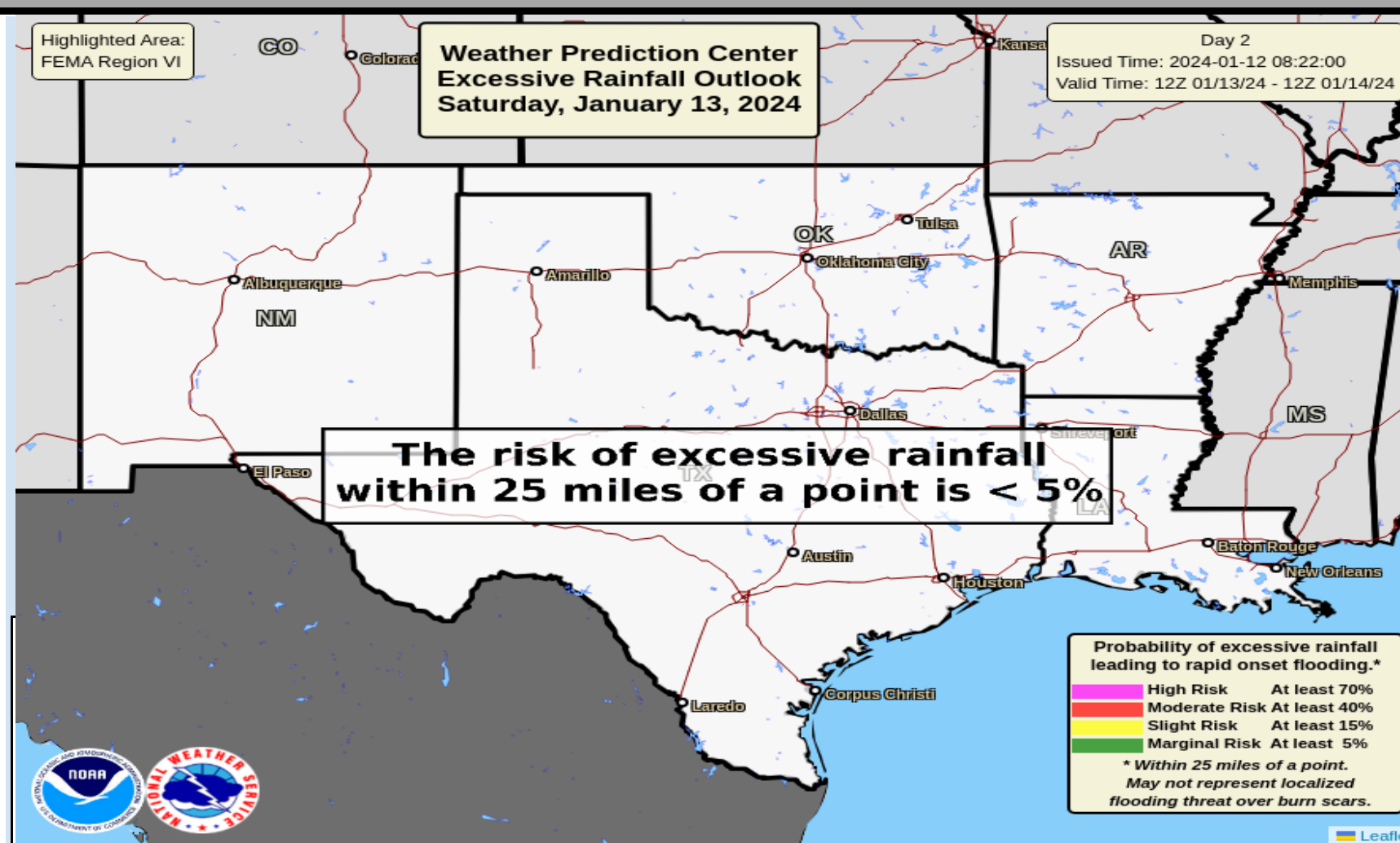


**Colder weather (temperatures  
20-30 degrees below normal)  
for N OK.**

## Severe Weather Outlook



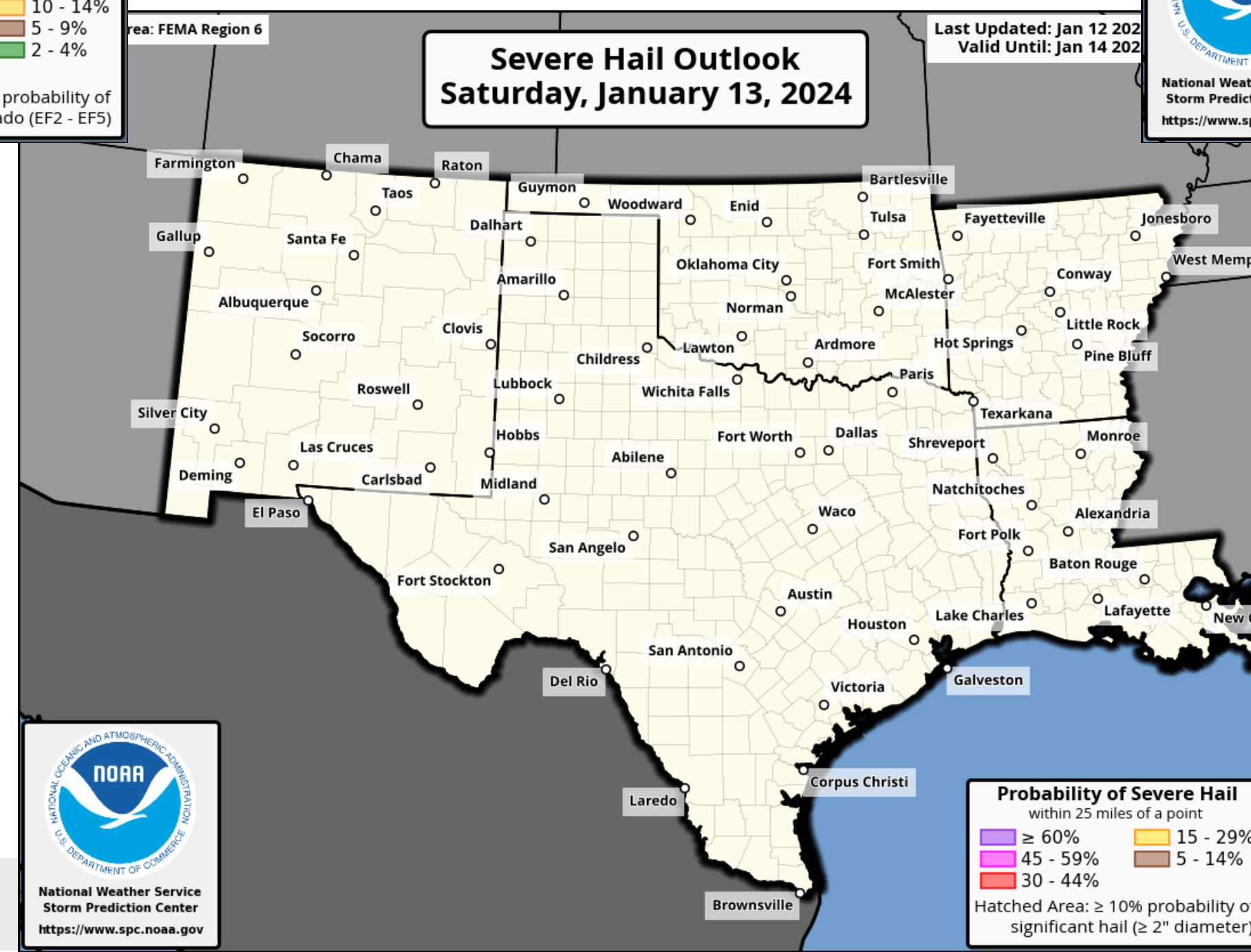
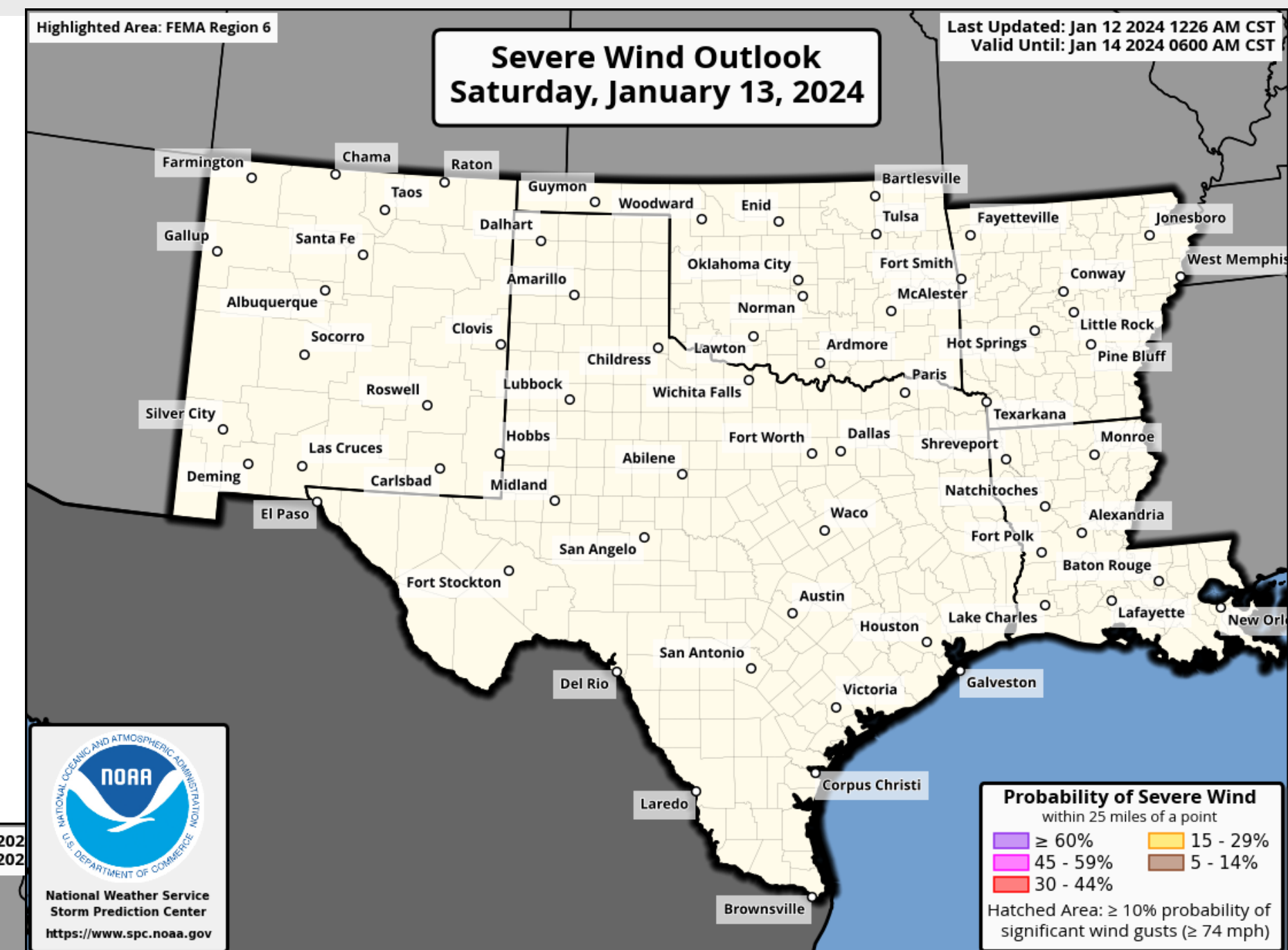
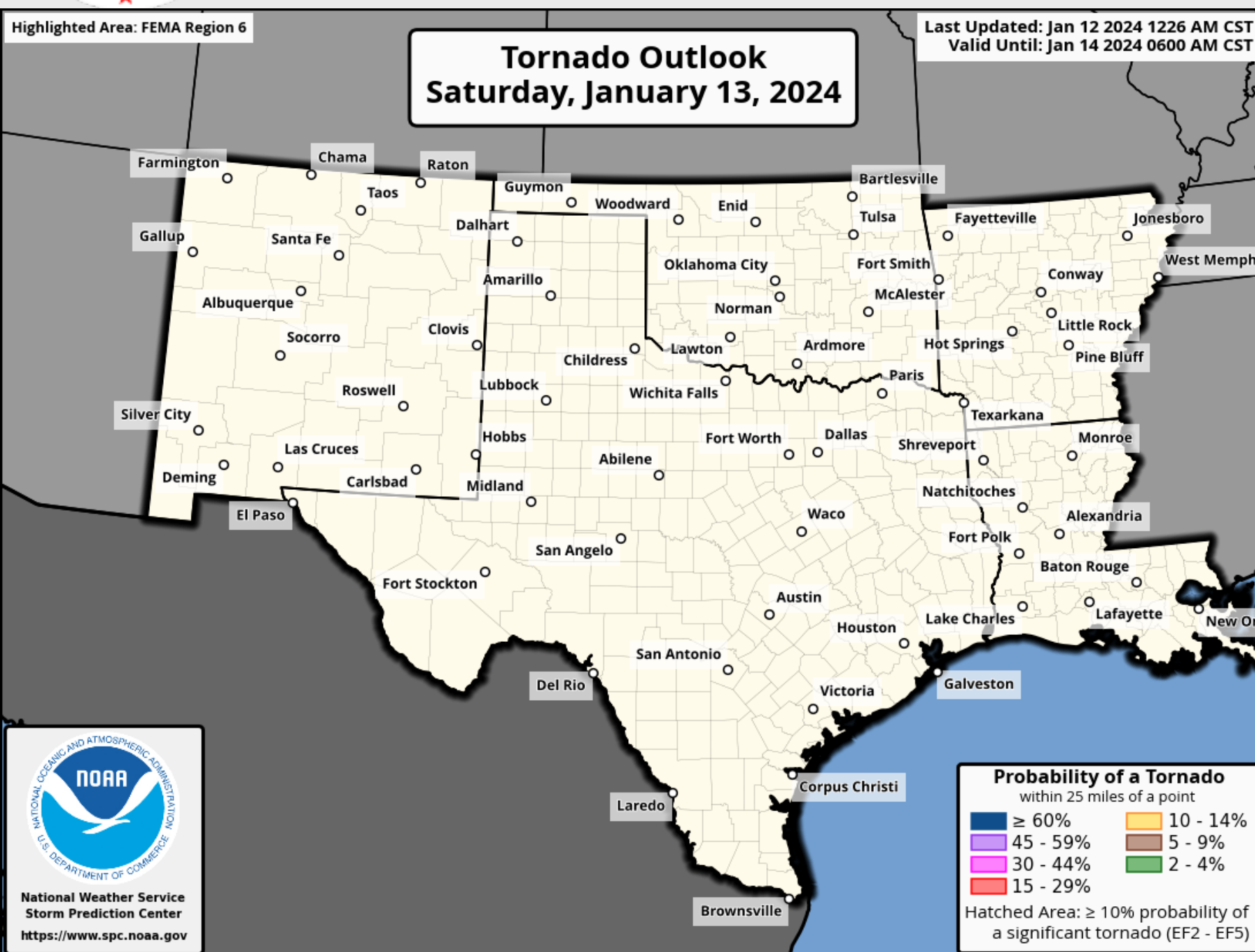
## Excessive Rainfall Outlook







# Tomorrow's Tornado & Severe Wind / Hail Probabilities



Last Updated: 1/12/2024 7:24 AM CT

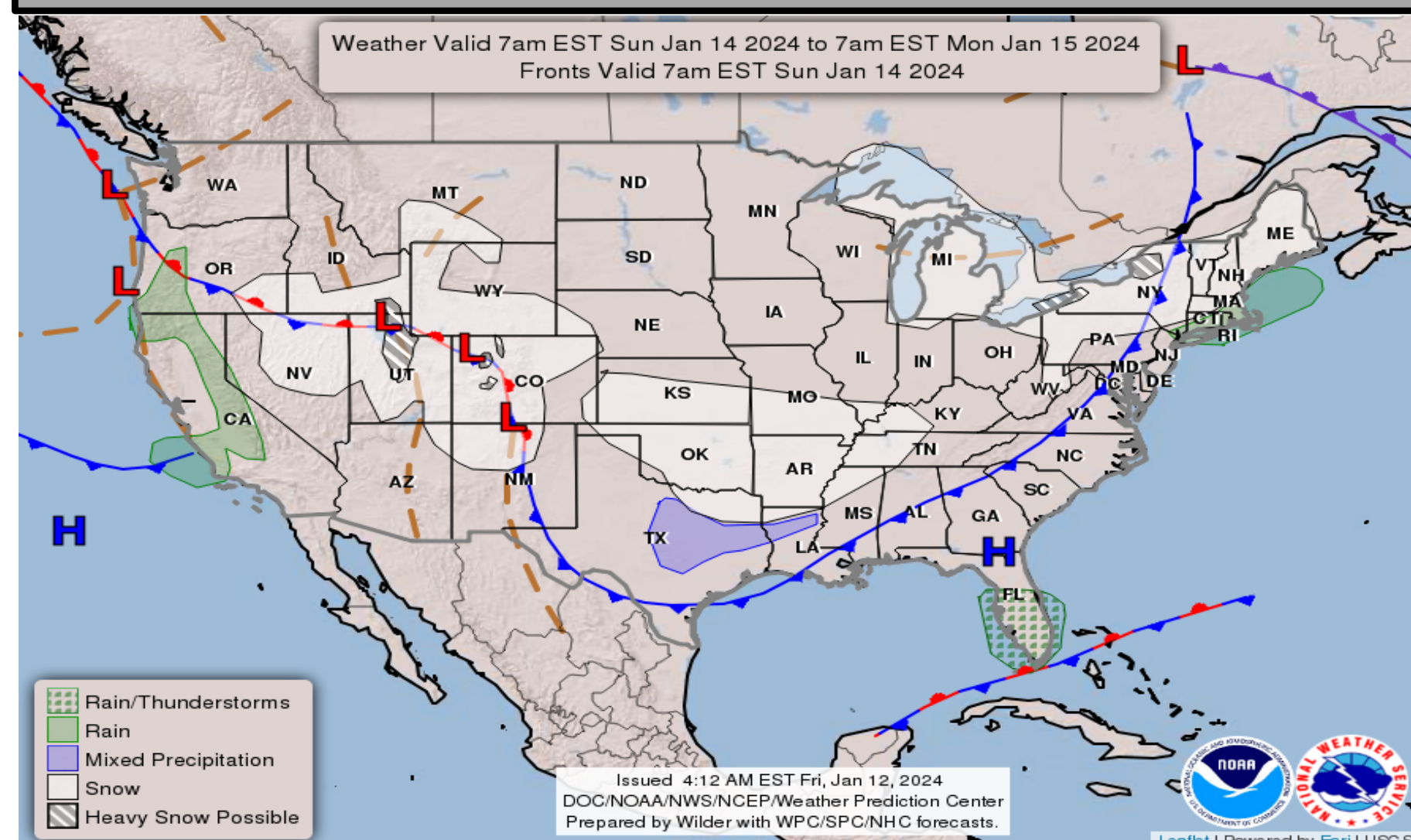
Weather Service – Southern Region ROC



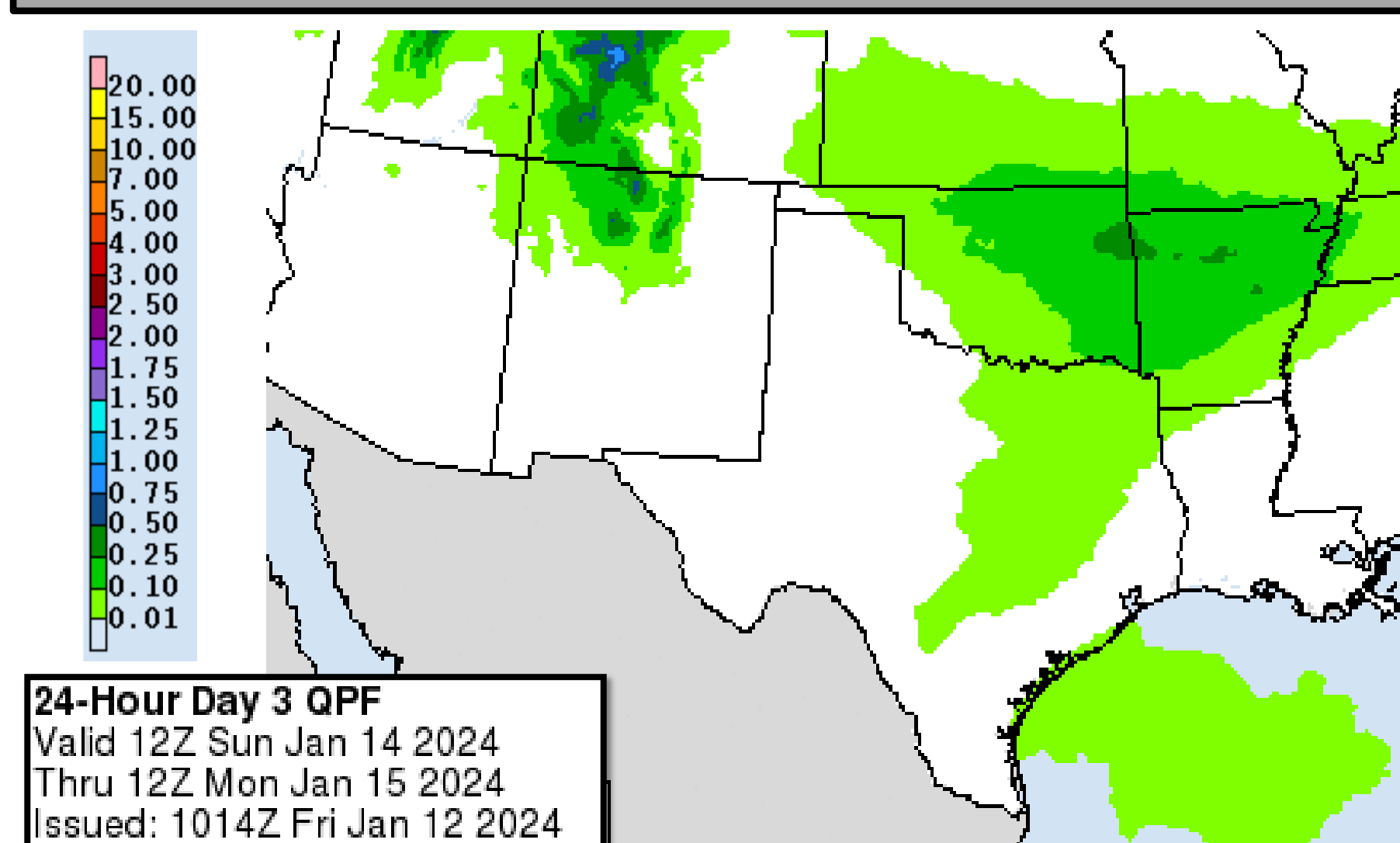


# Sunday's Weather

## Forecast Chart



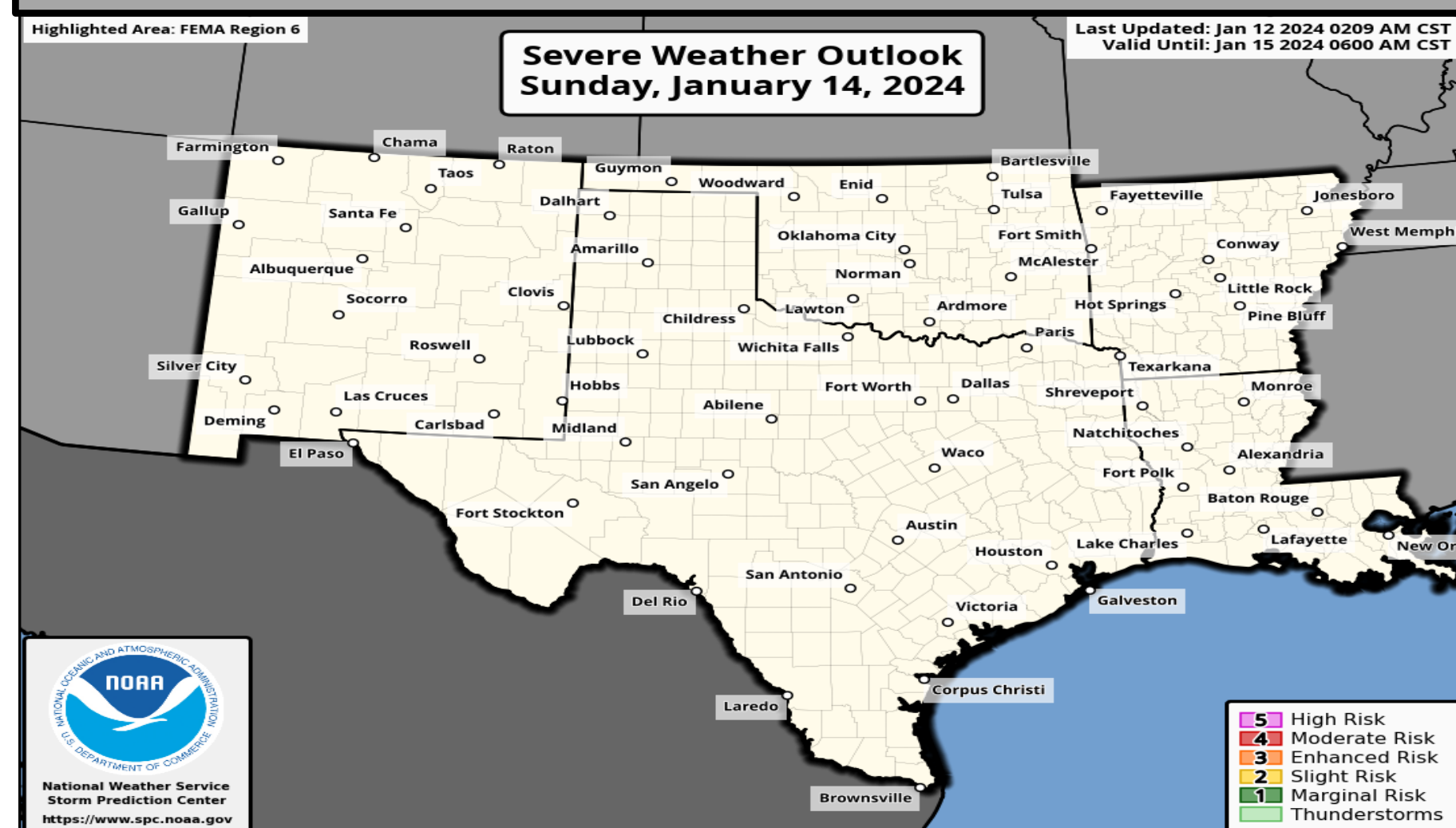
## Forecast Rainfall



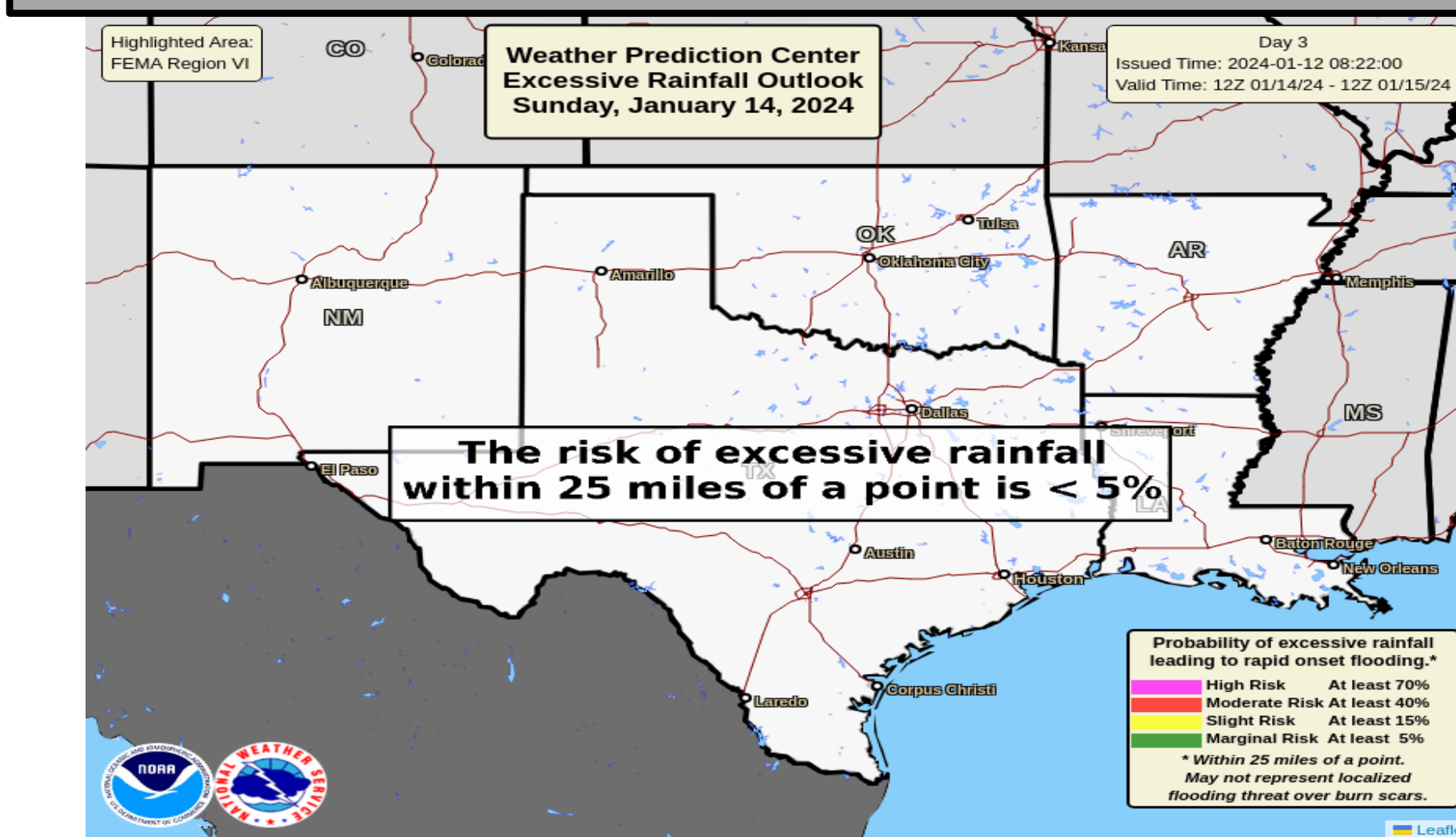
Colder weather (temperatures 20-30 degrees below normal) for OK, N TX, NE NM, N AR.

Snow in OK, AR is likely; light wintry mix over N/Cntrl/E TX into N/W LA possible. May result in hazardous travel conditions.

## Severe Weather Outlook



## Excessive Rainfall Outlook

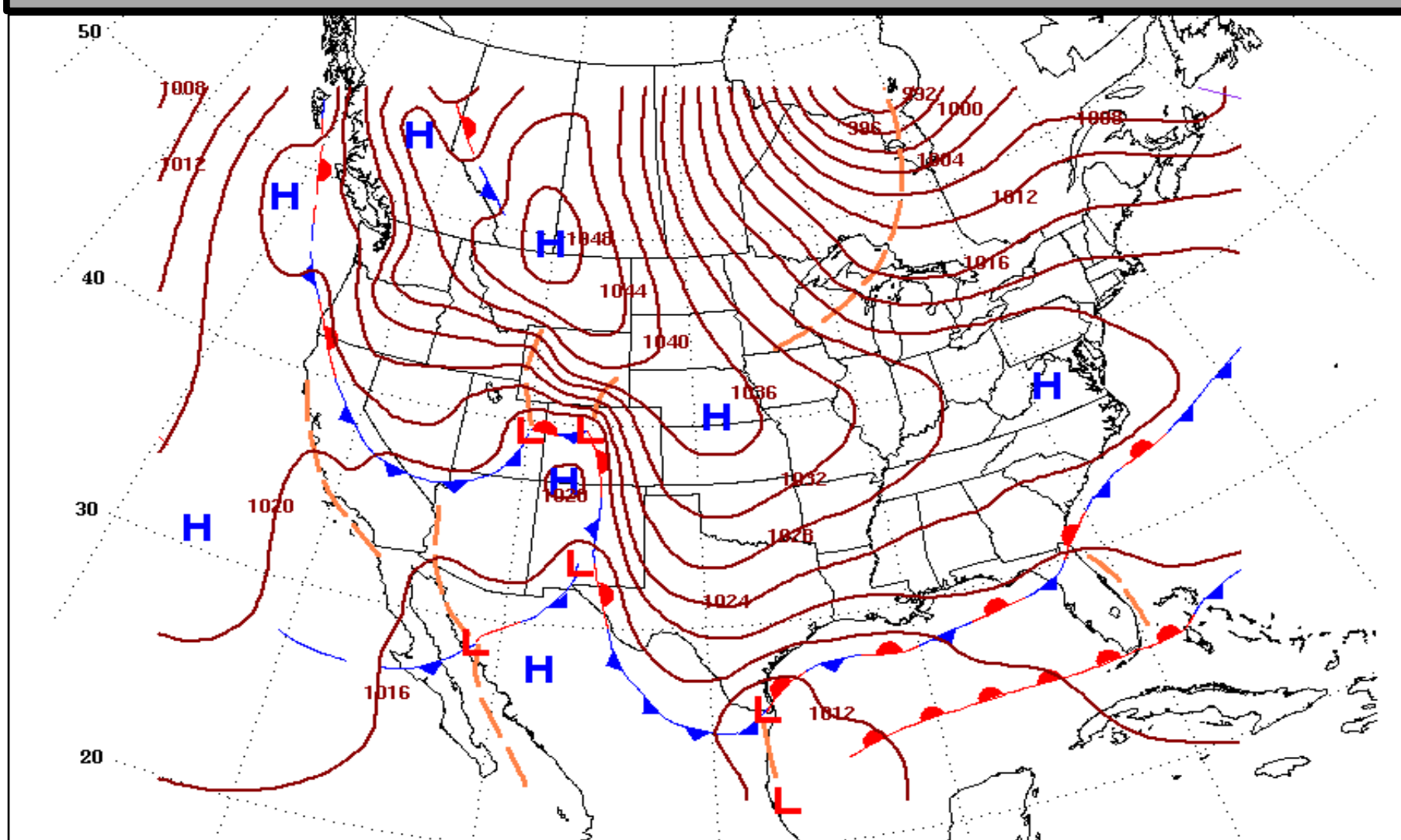




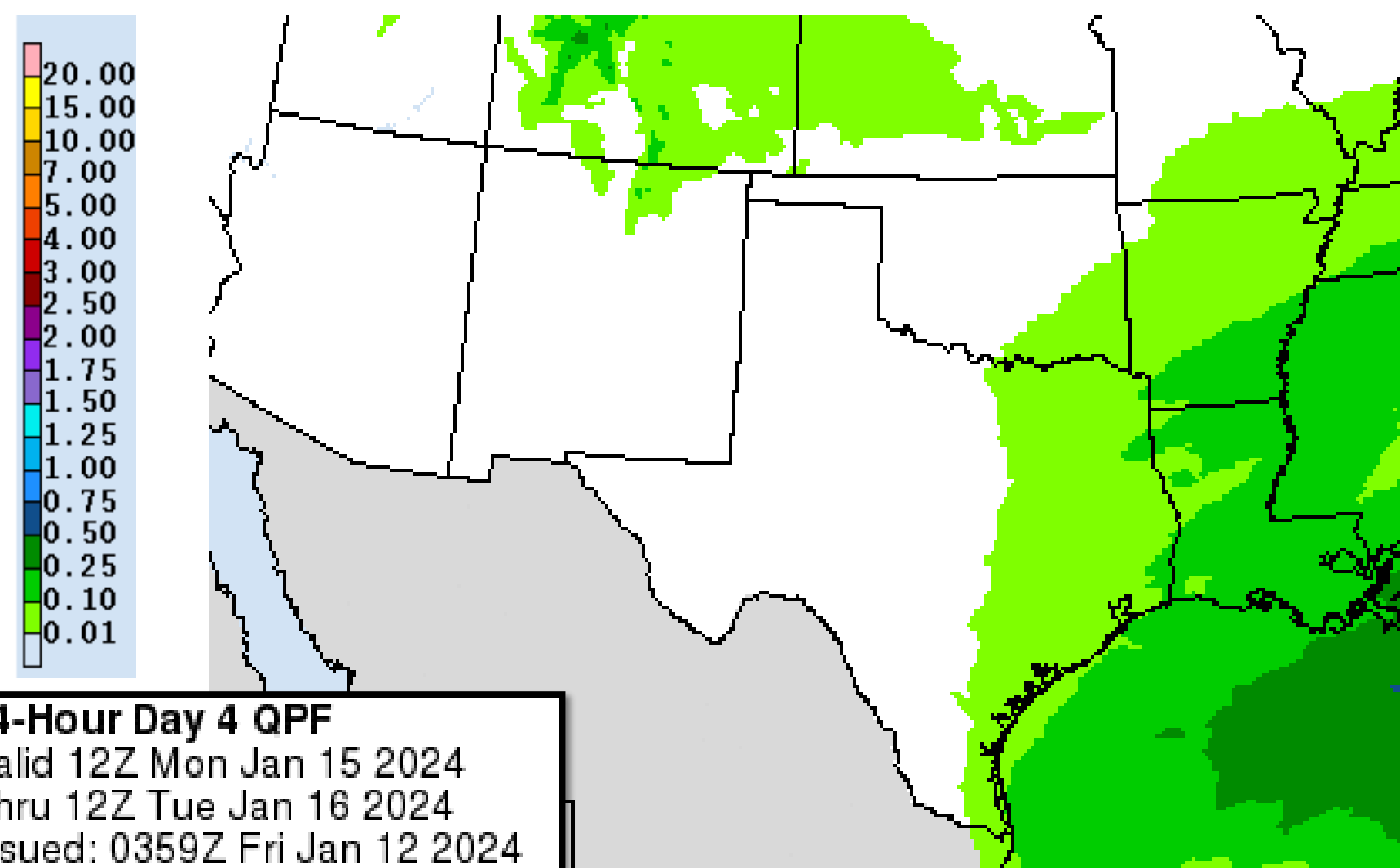


# Monday's Weather

## Forecast Chart



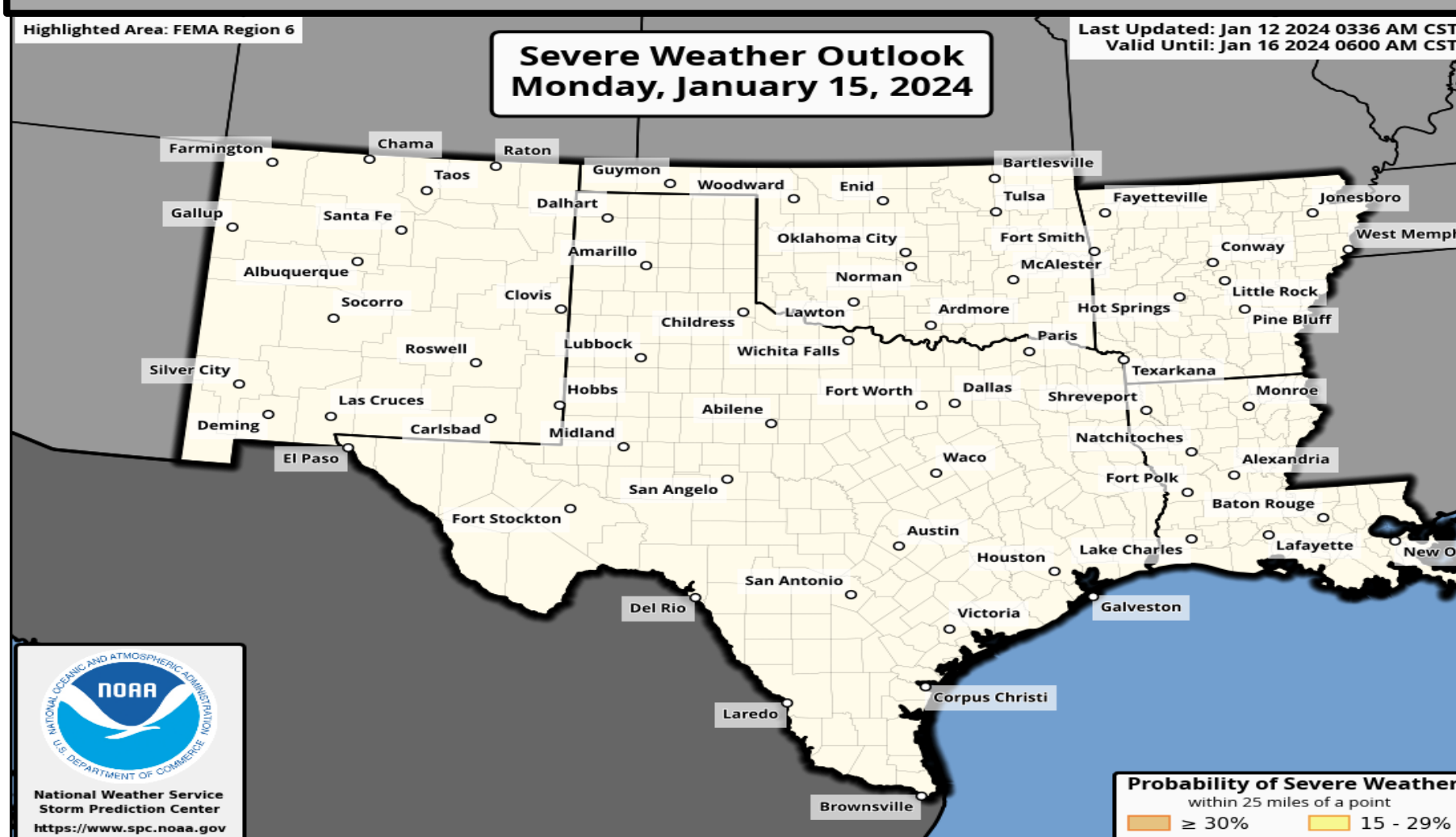
## Forecast Rainfall



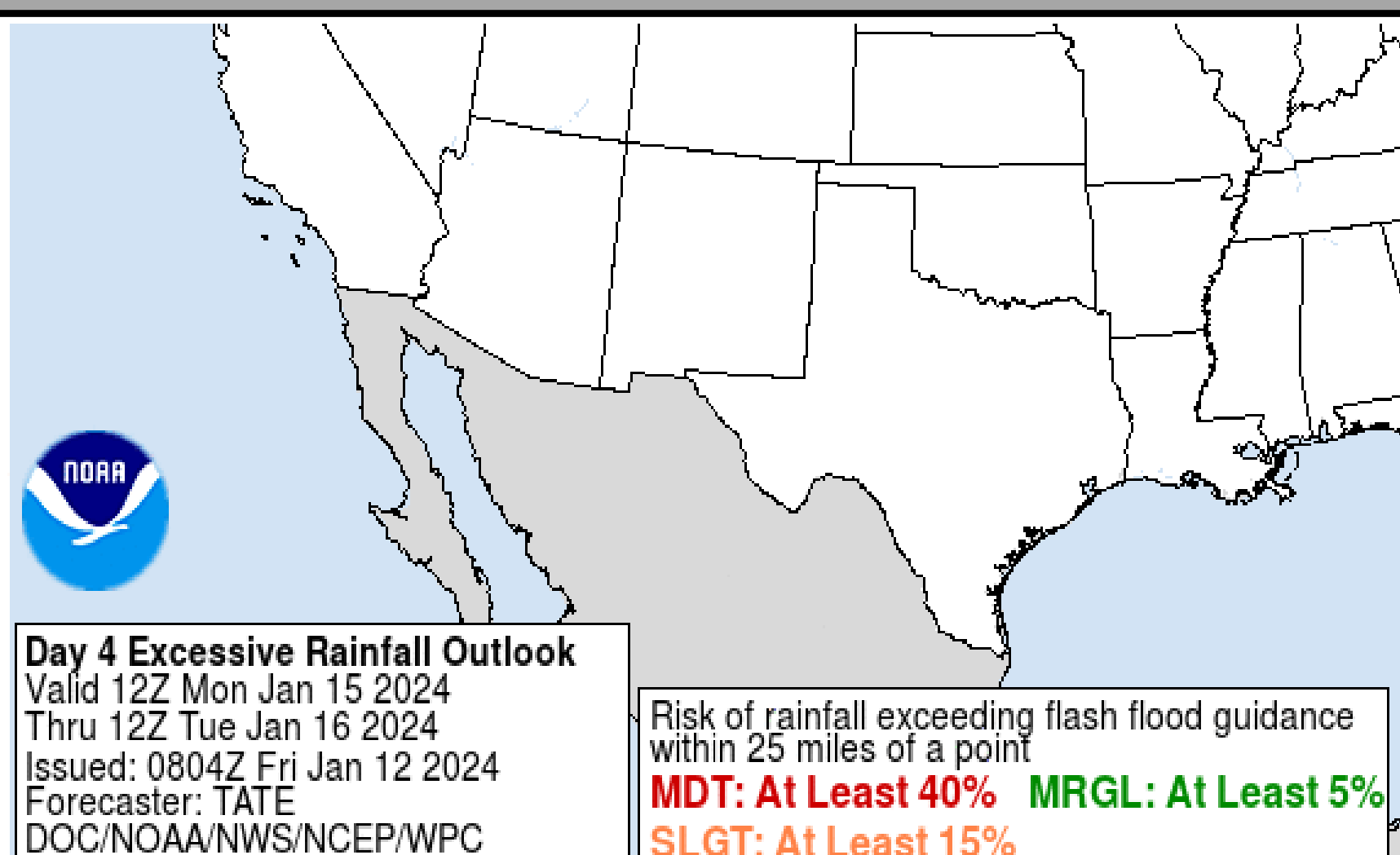
**Colder weather (temperatures 20-30 degrees below normal) for most of the Region.**

**Snow in SE OK, AR is likely; light wintry mix over NE TX into N LA possible. May result in hazardous travel conditions.**

## Severe Weather Outlook



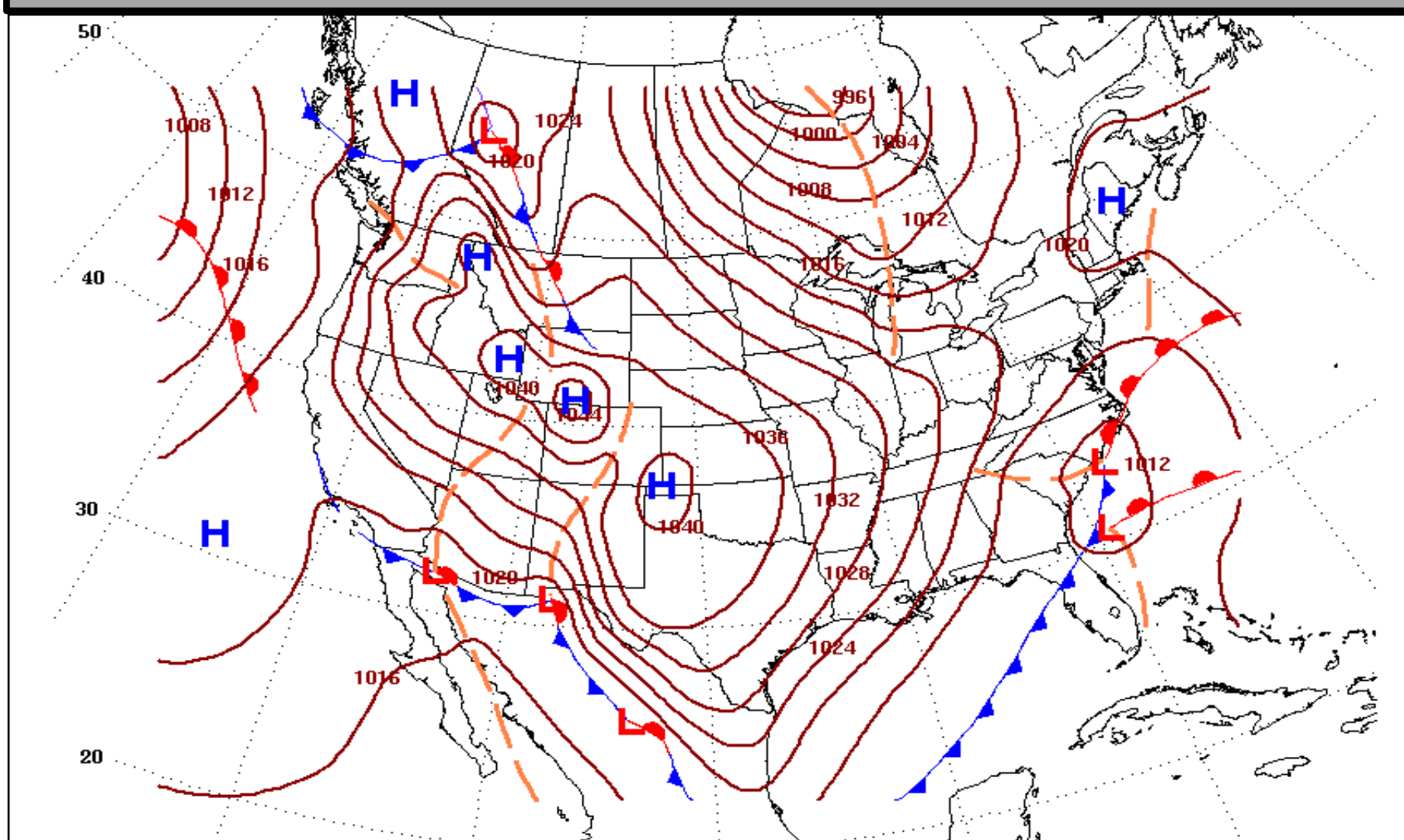
## Excessive Rainfall Outlook



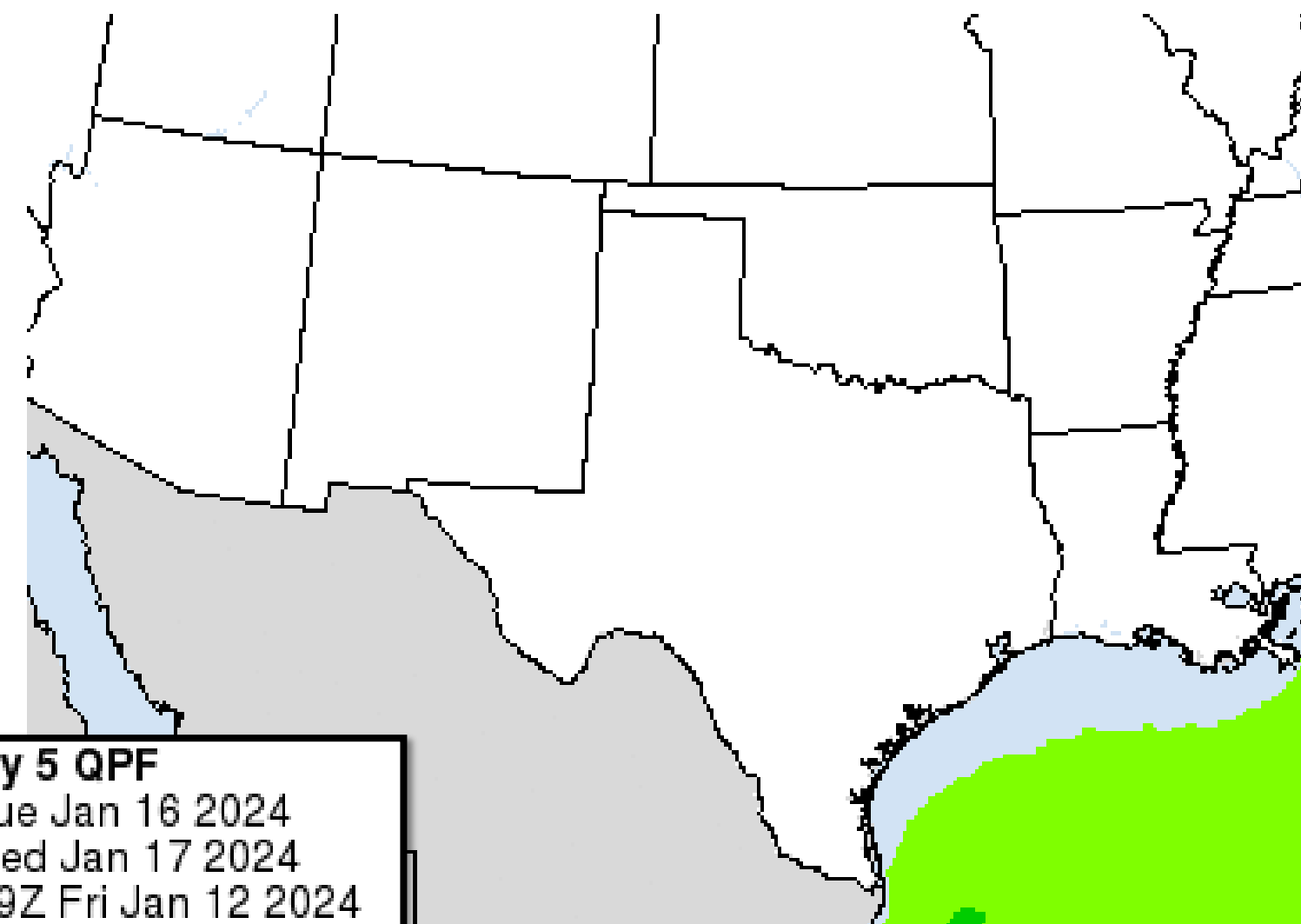
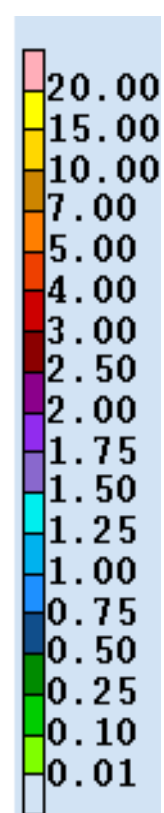


# Tuesday's Weather

## Forecast Chart

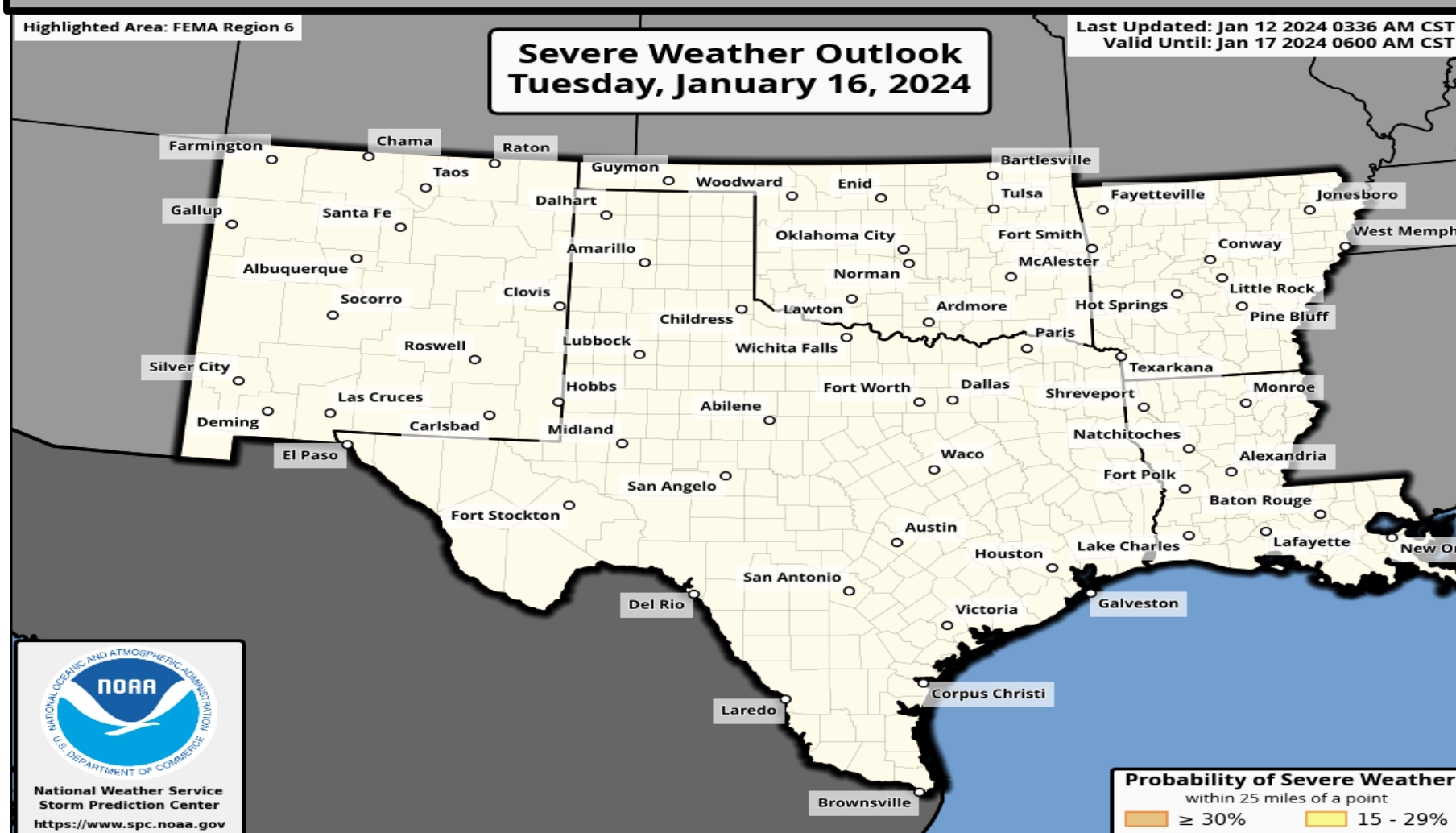


## Forecast Rainfall

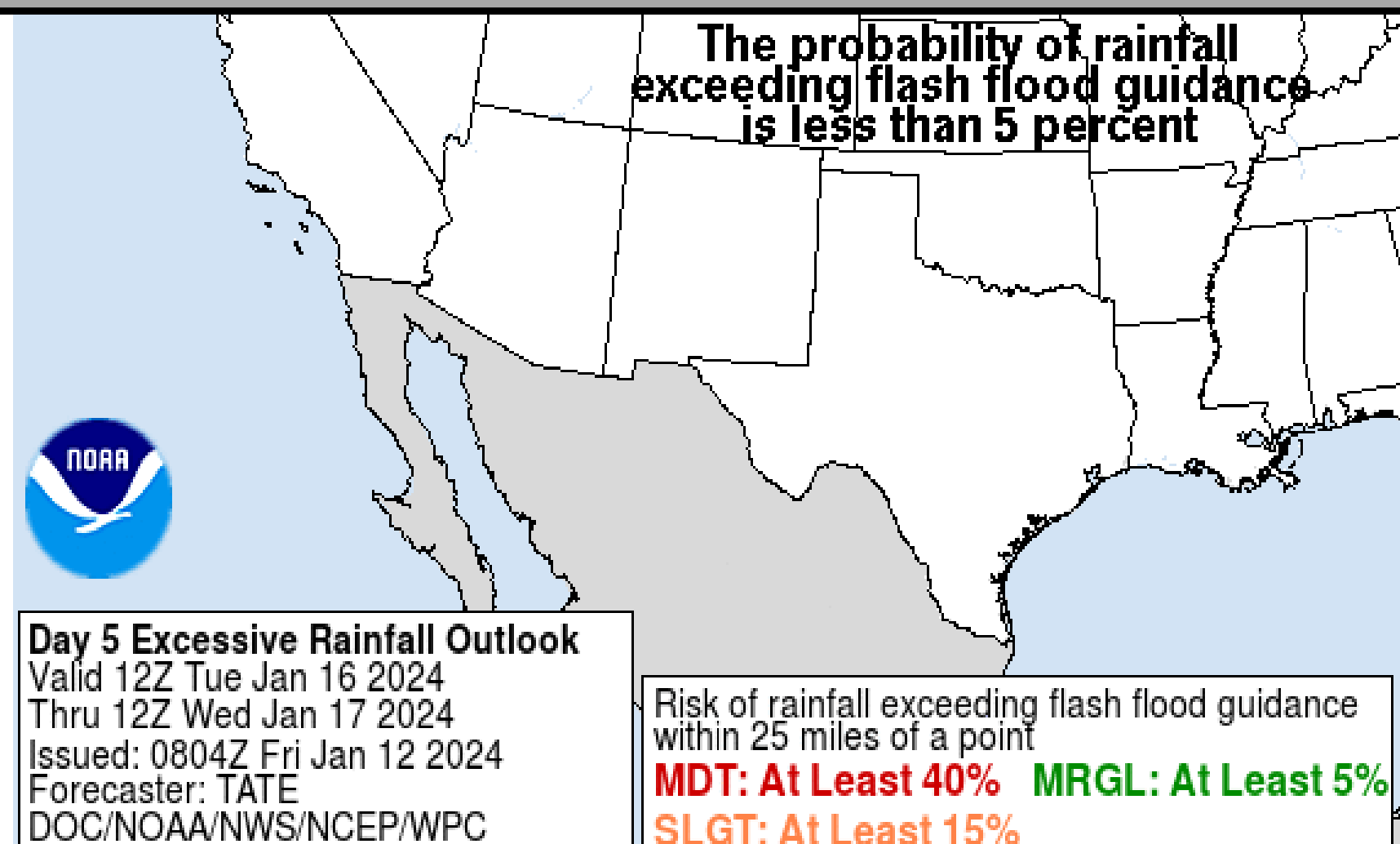


**Cold weather (temperatures 20-30 degrees below normal) for most of the Region.**

## Severe Weather Outlook



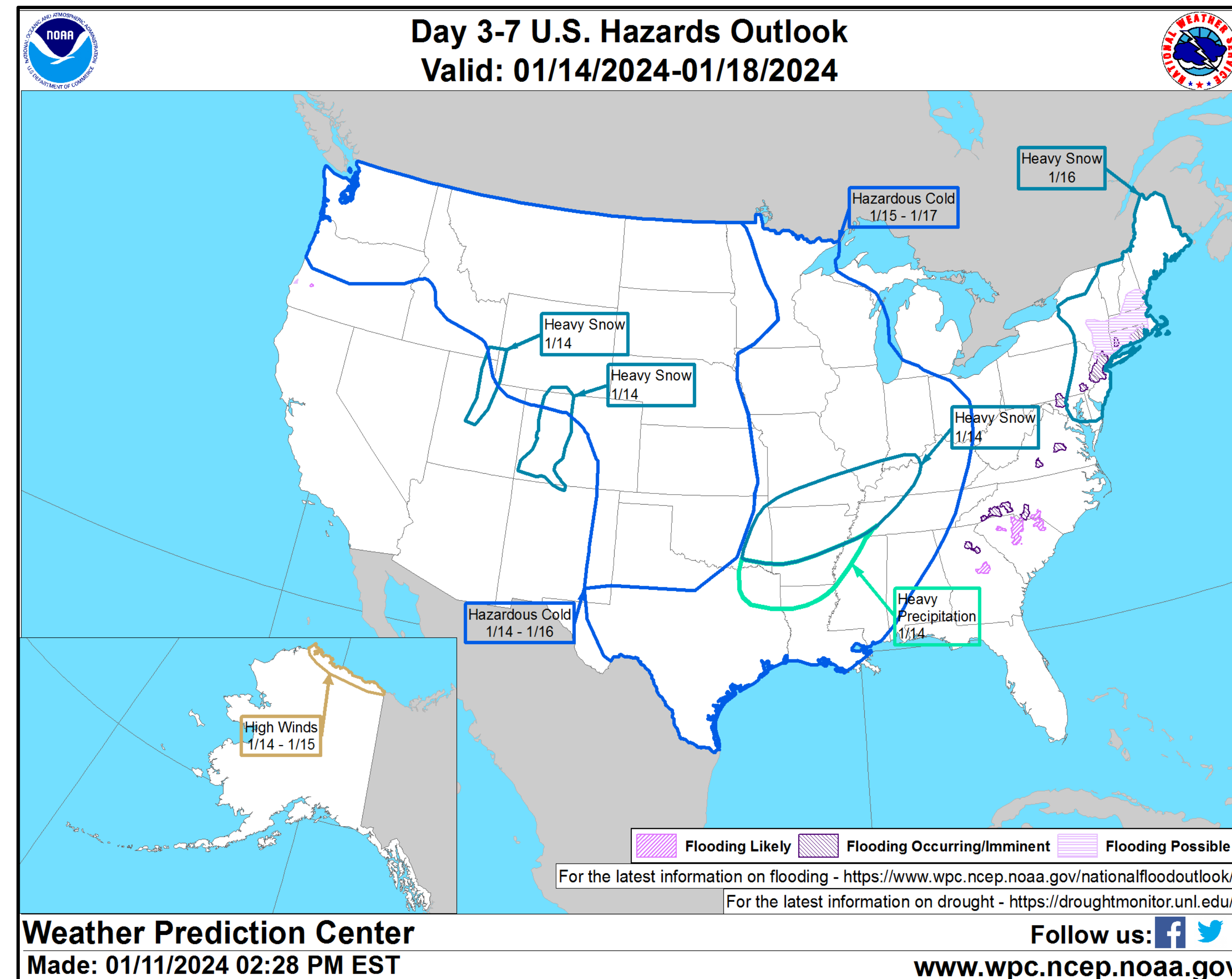
## Excessive Rainfall Outlook







# “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:

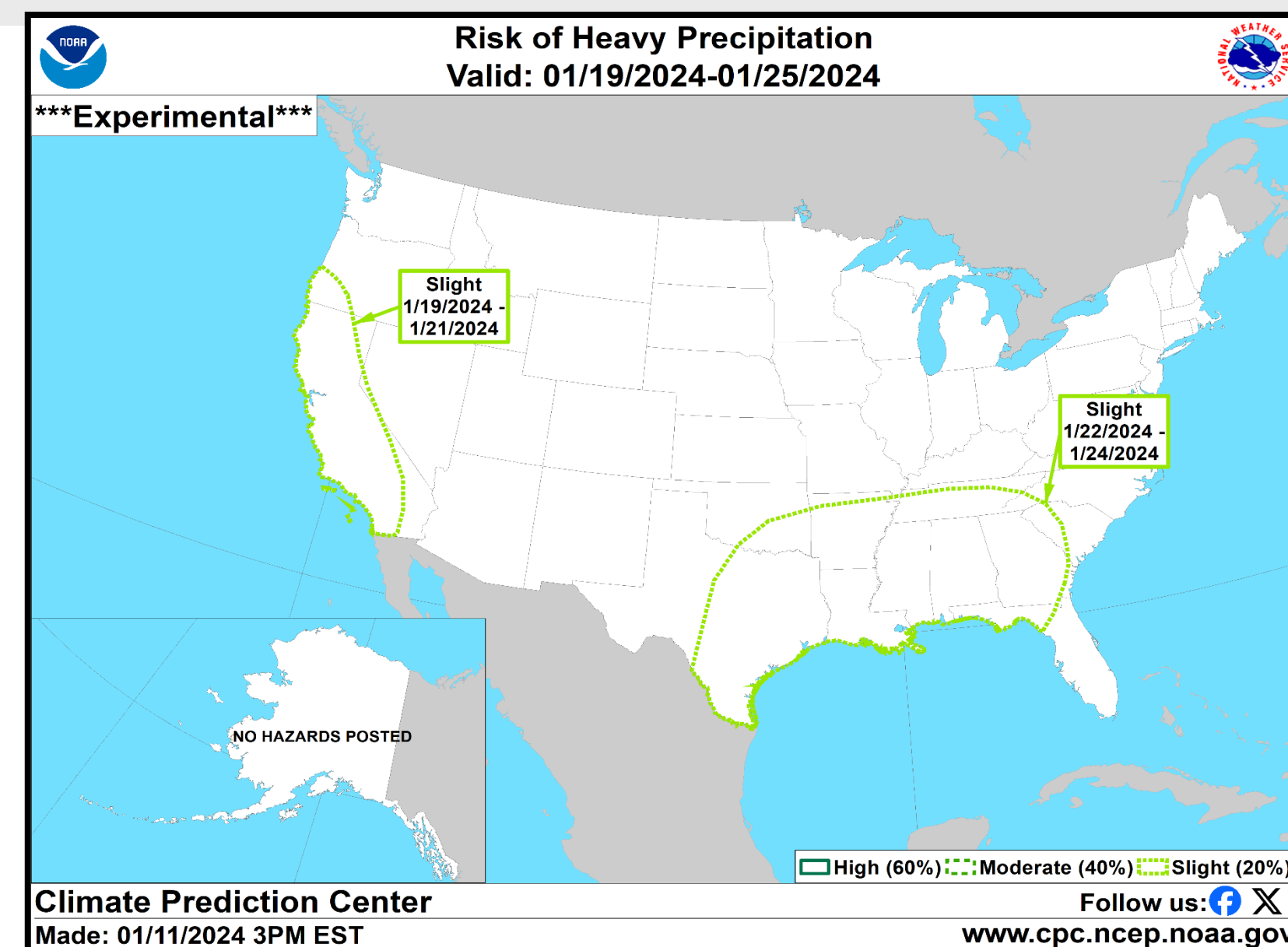
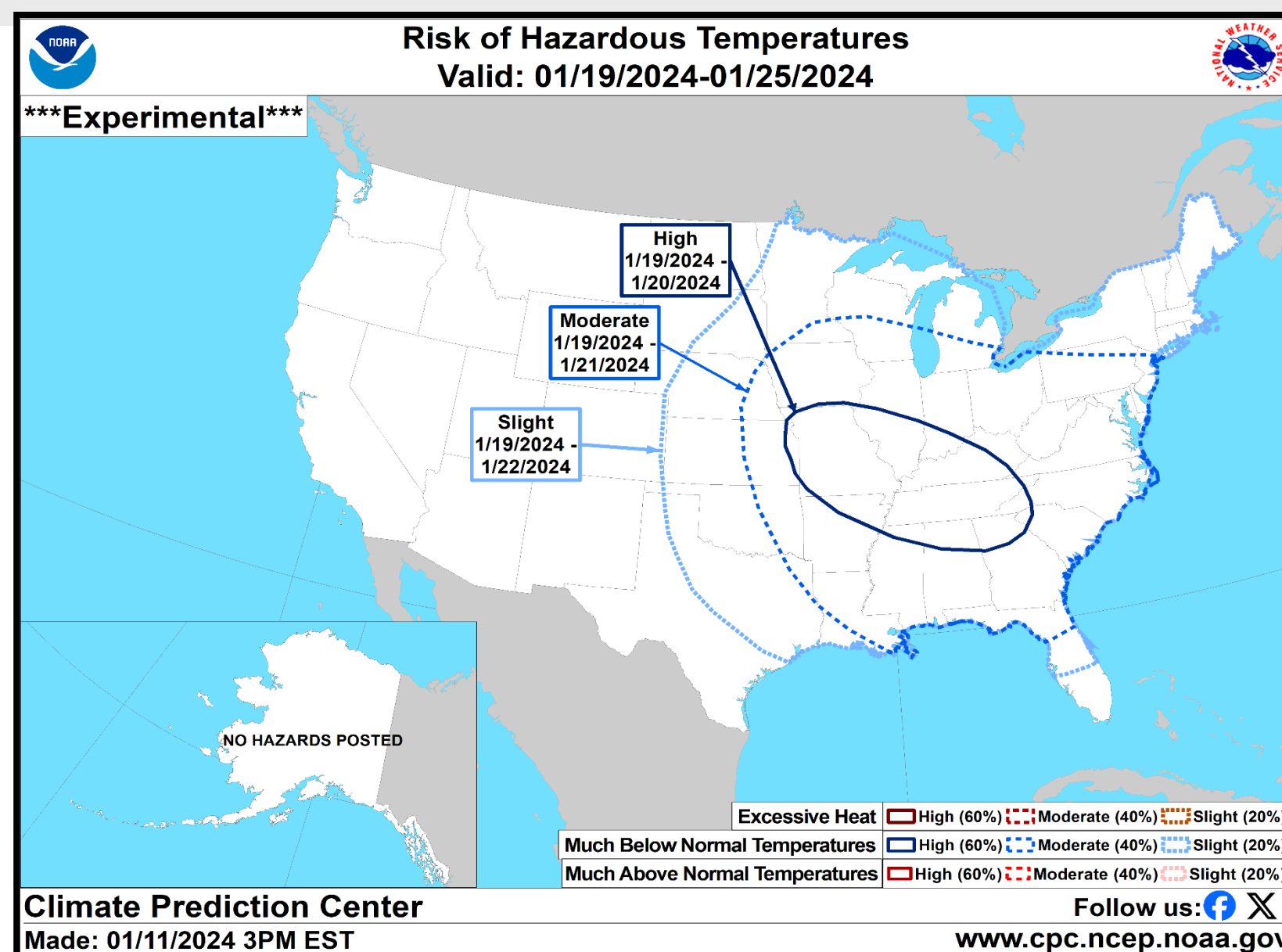
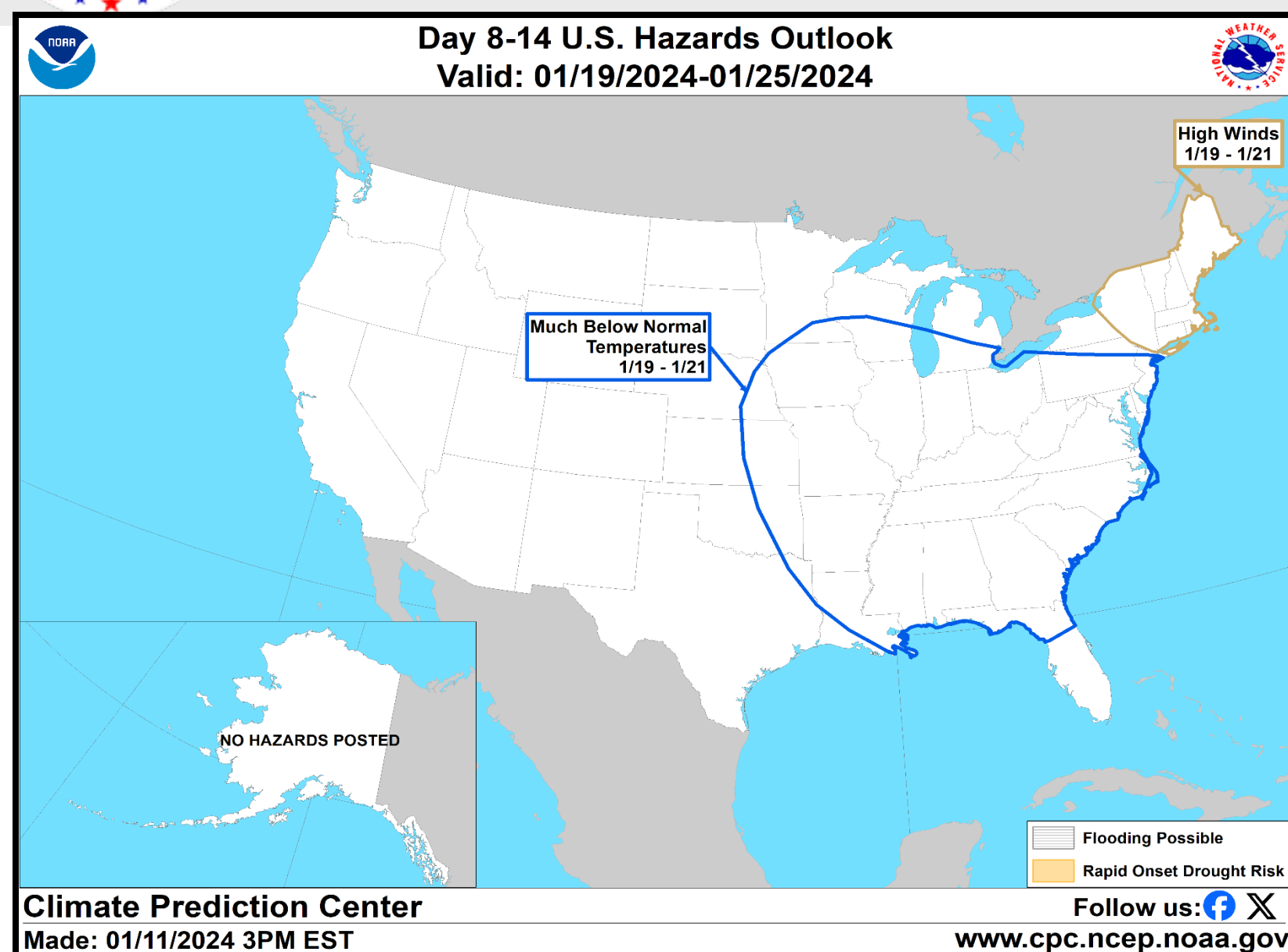
- 1) The “day 3-7” will really be days 2-6
- 2) This slide will be hidden on Mondays and Sundays so the data/information is not too old

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





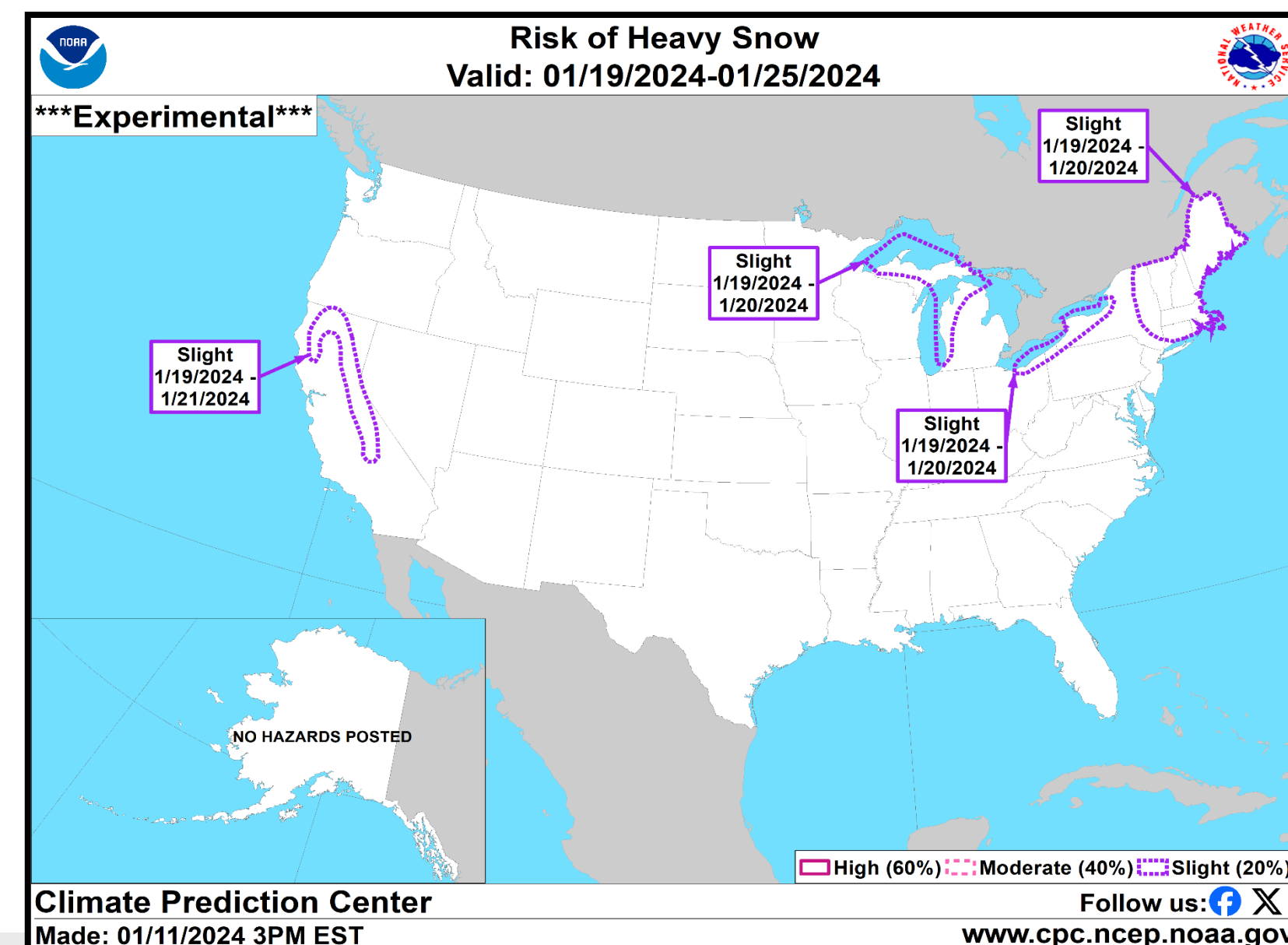
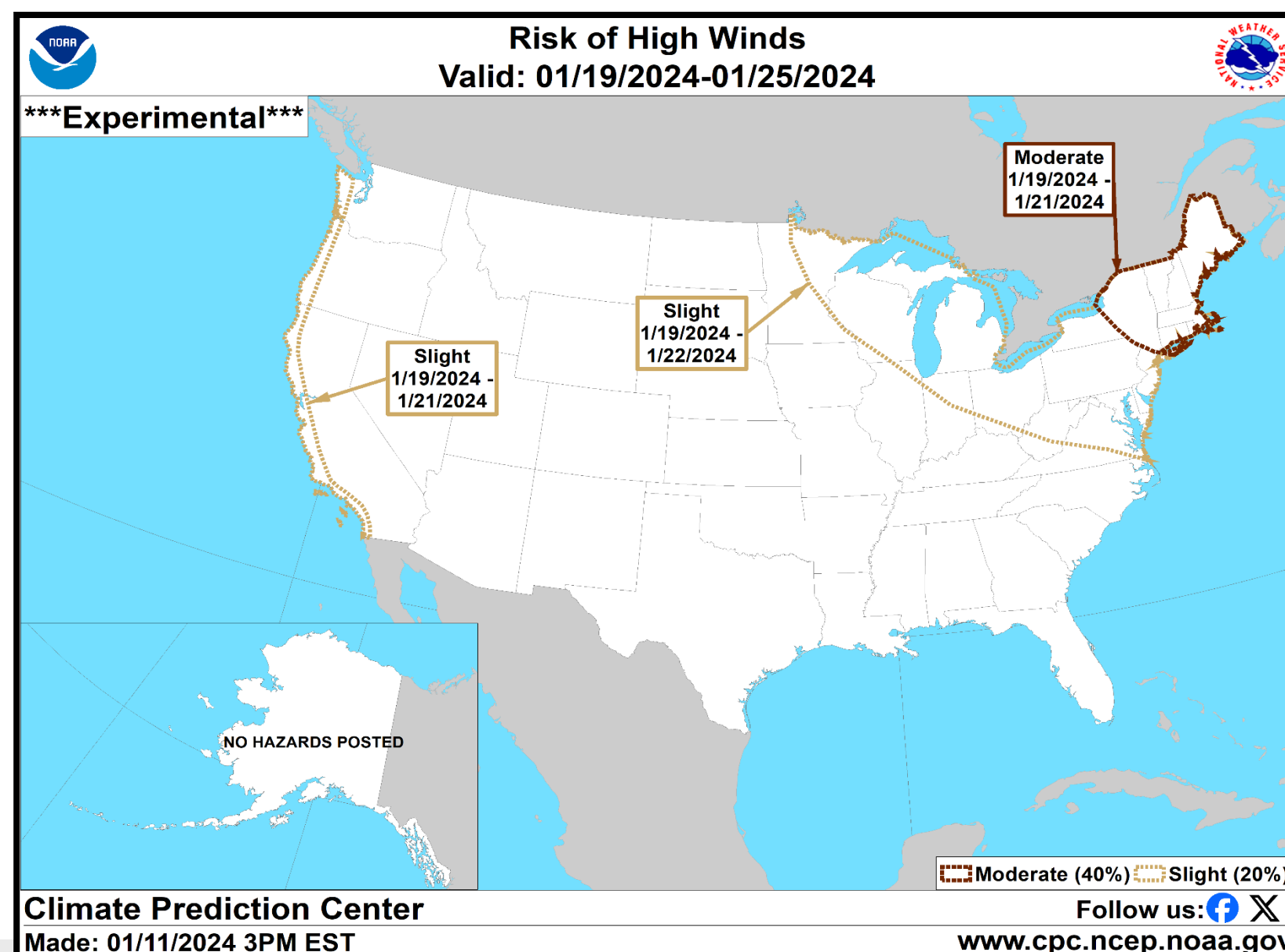
# “Day 8-14” Hazards Outlook



**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>



Last Updated: 1/12/2024 7:24 AM CT

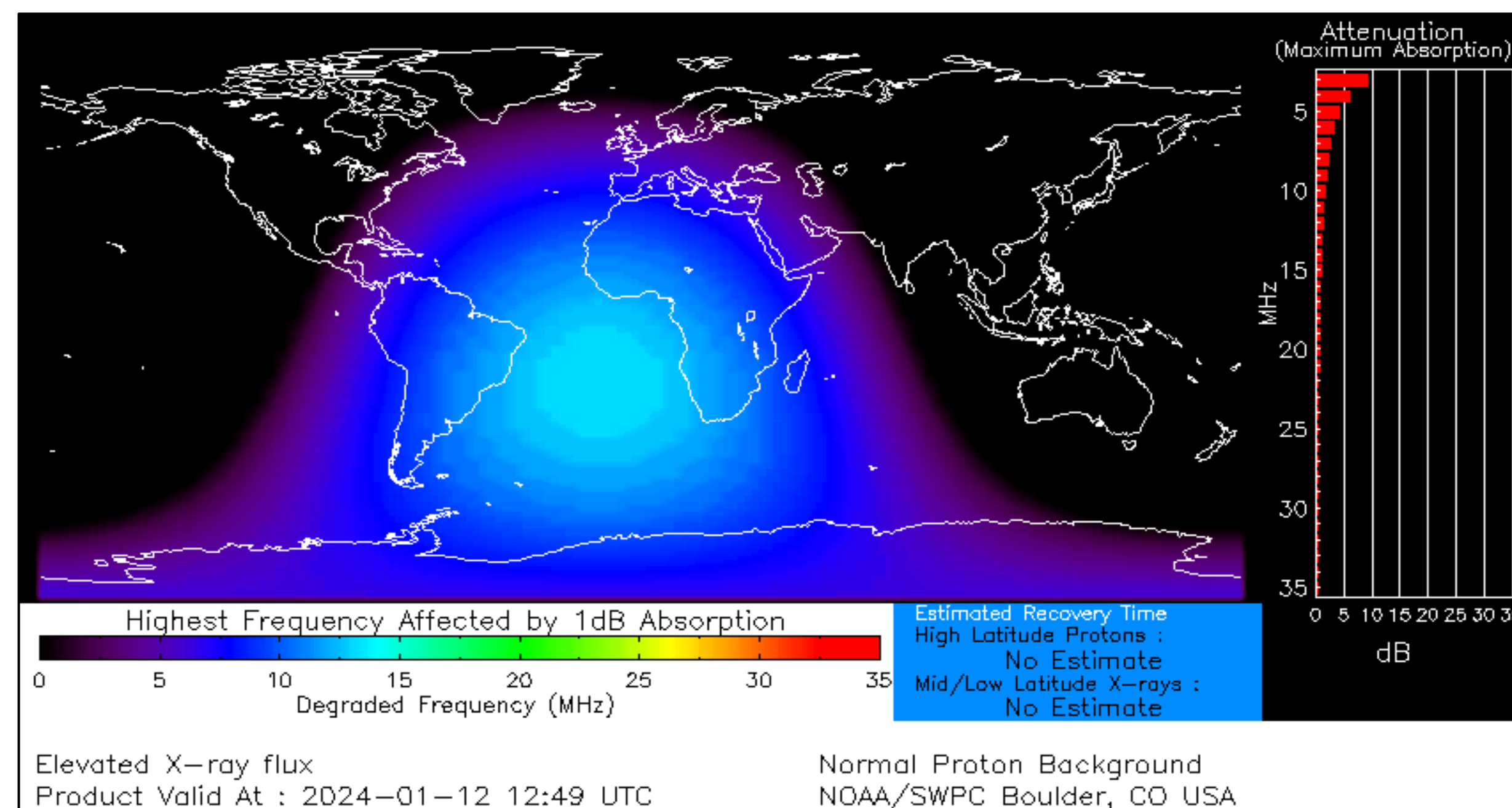
National Weather Service – Southern Region ROC





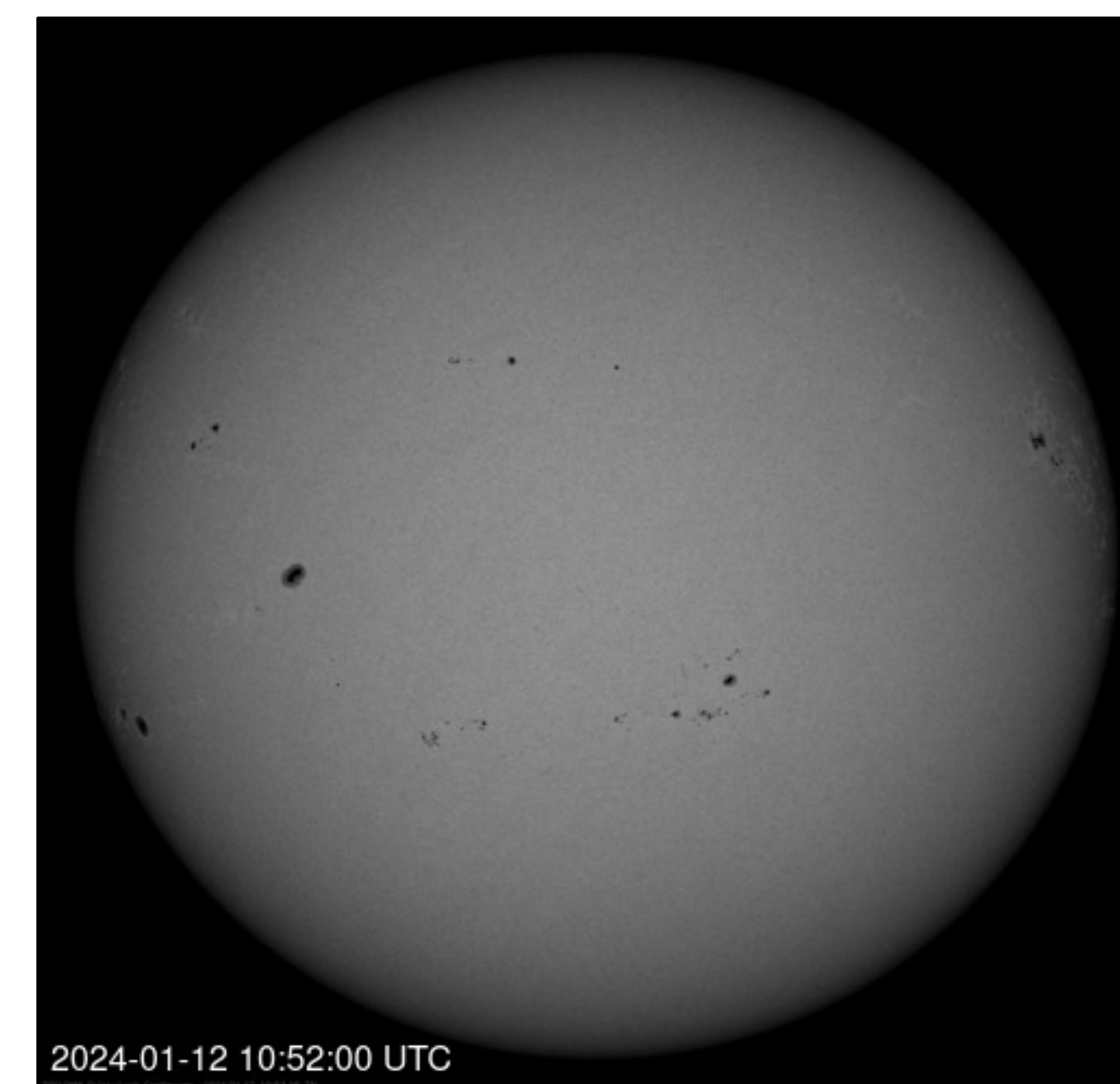
# Space Weather 3-Day Forecast

	Friday	Saturday	Sunday
<b>Geomagnetic Storms</b>	<b>Quiet (Max Kp = 2)</b>	<b>Unsettled (Max Kp = 3)</b>	<b>Quiet (Max Kp = 2)</b>
<b>Solar Radiation Storm (S1-S5)</b>	<b>5%</b>	<b>5%</b>	<b>5%</b>
<b>Radio Blackout (R1-R2)</b>	<b>45%</b>	<b>40%</b>	<b>40%</b>
<b>Radio Blackout (R3-R5)</b>	<b>5%</b>	<b>5%</b>	<b>5%</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	<b>Very Common</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	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 sea breeze storms in coastal TX</li> </ul>
Yellow	<b>Somewhat Common – Happens Frequently</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	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	<b>Uncommon – A Few Times a Year</b> Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	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	<b>Rare – Once every 1-5 Years</b> Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	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	<b>Very Rare – Once Every 5-10 Years</b> 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	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)