



FEMA



Prepared by
Kurt Van Speybroeck

FEMA Region 6 Weather Threat Briefing

Sunday January 21, 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.



NWSSouthern

www.weather.gov/srh



Summary of the Upcoming Week

- **Below normal temperatures (10-20 degrees below normal) for NM, OK, AR, TX, LA.**
- **Wintry precipitation across OK and W AR tonight into Monday morning.**
- **Heavy rain/flooding across E TX into S AR and LA this week.**



FEMA Region 6 Threat Matrix

Jan 21, 2024 - Jan 25, 2024

DAY / THREAT	Sun	Mon	Tue	Wed	Thu
Severe Storms			TX		
Heavy Rain / Flash Flooding	STX	SETX, W LA	SETX, LA	SETX, LA	LA
Fire Weather					
Cold	OK, AR, TX, LA				
Winter Weather Impacts	NTX, OK, AR	NTX, OK, AR			
River Flooding	NE AR	SETX, SW LA	SETX, SW LA	SETX, SW LA	SETX, SW LA
		NE AR	NE AR	NE AR	NE AR

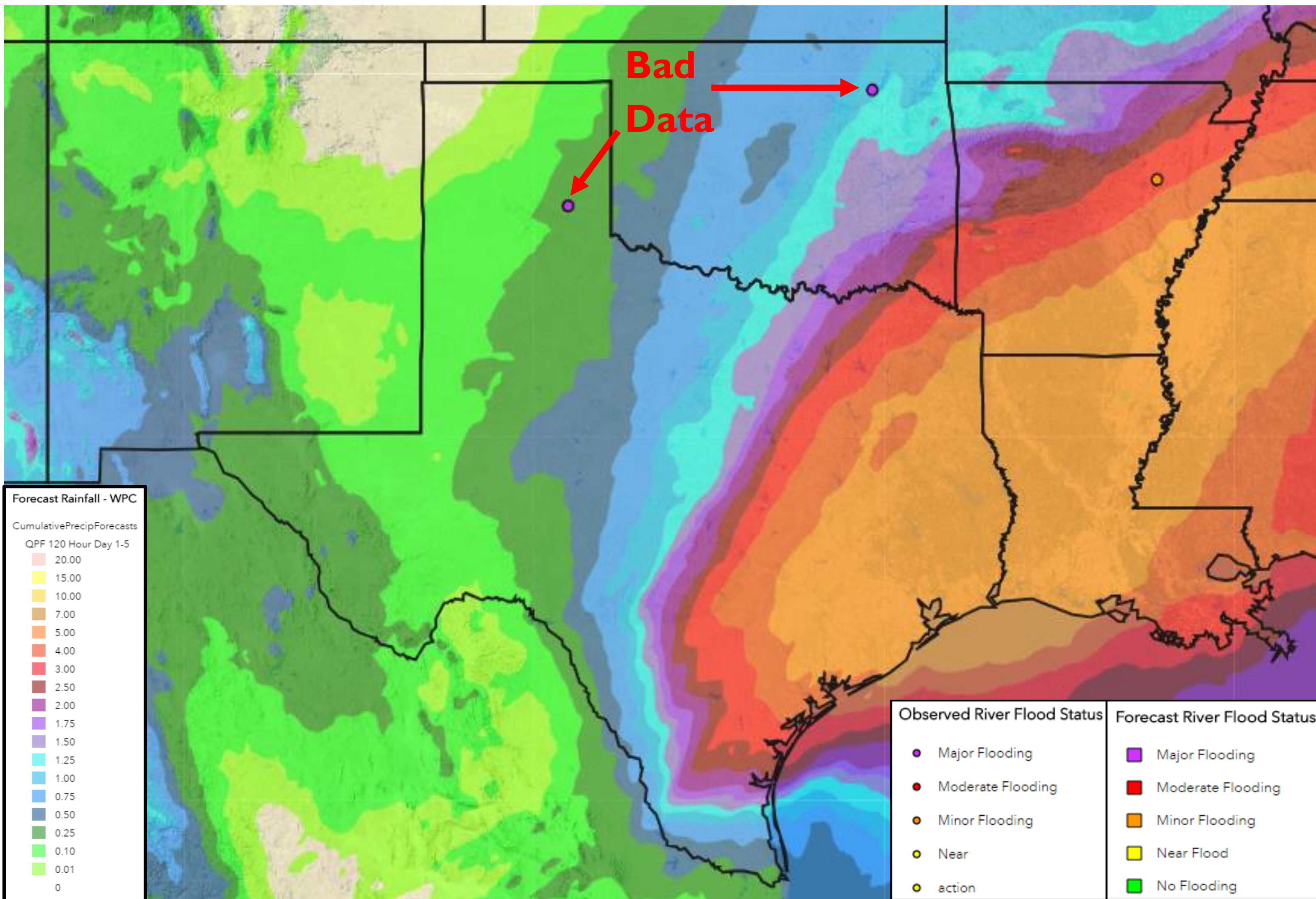
	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

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



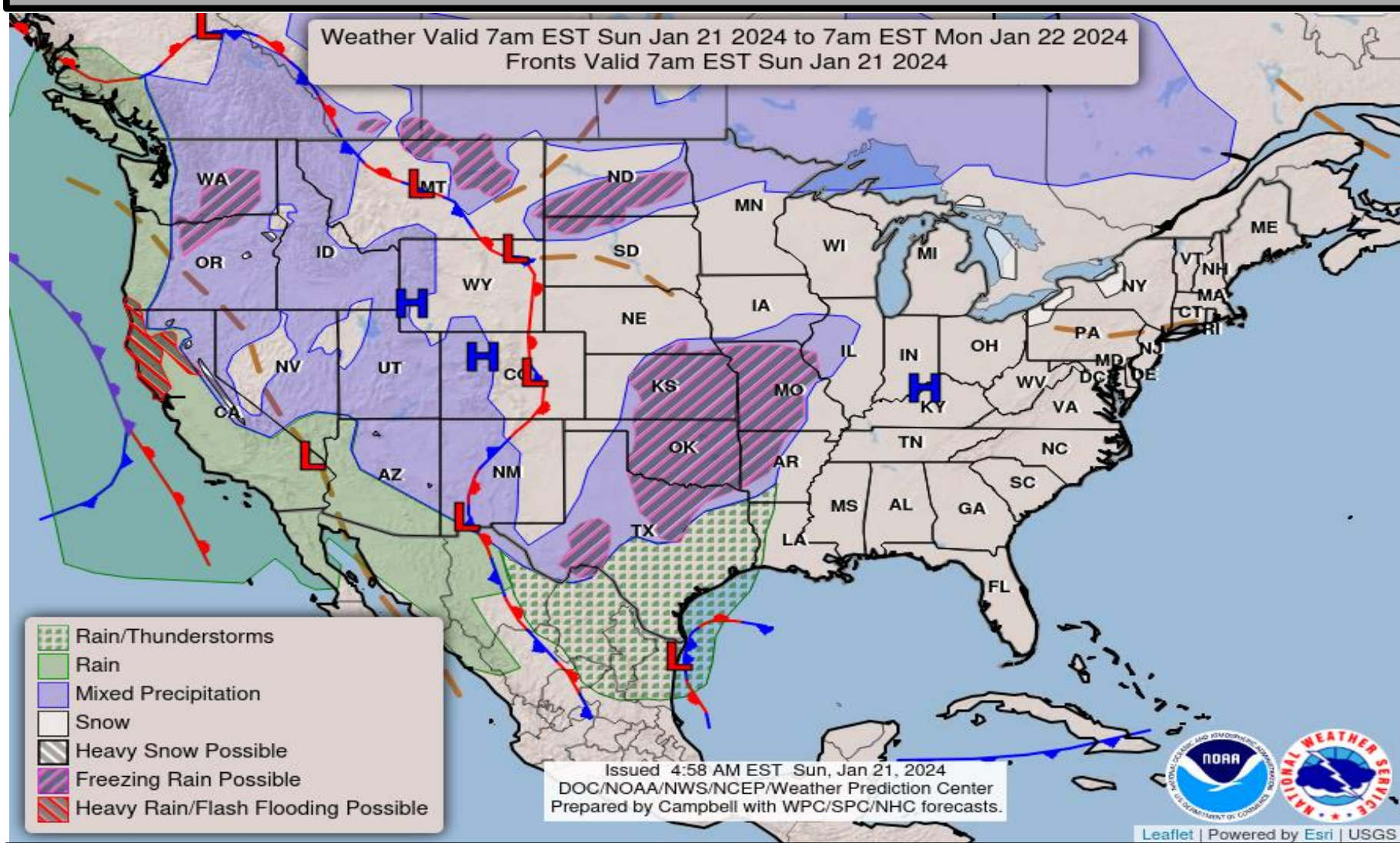
Minor river flooding expected across SE TX into SW LA.

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

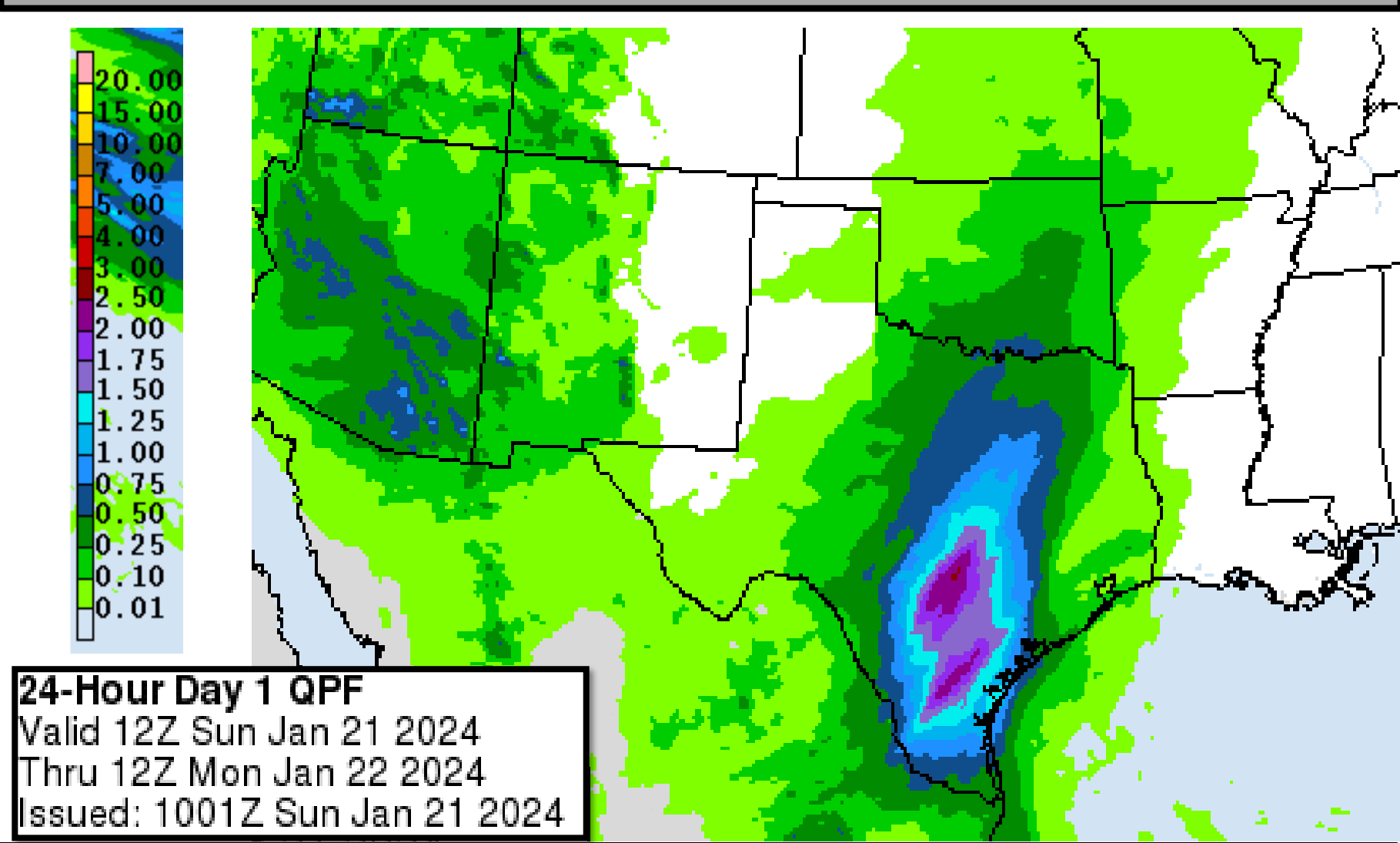


Today's Weather

Forecast Chart

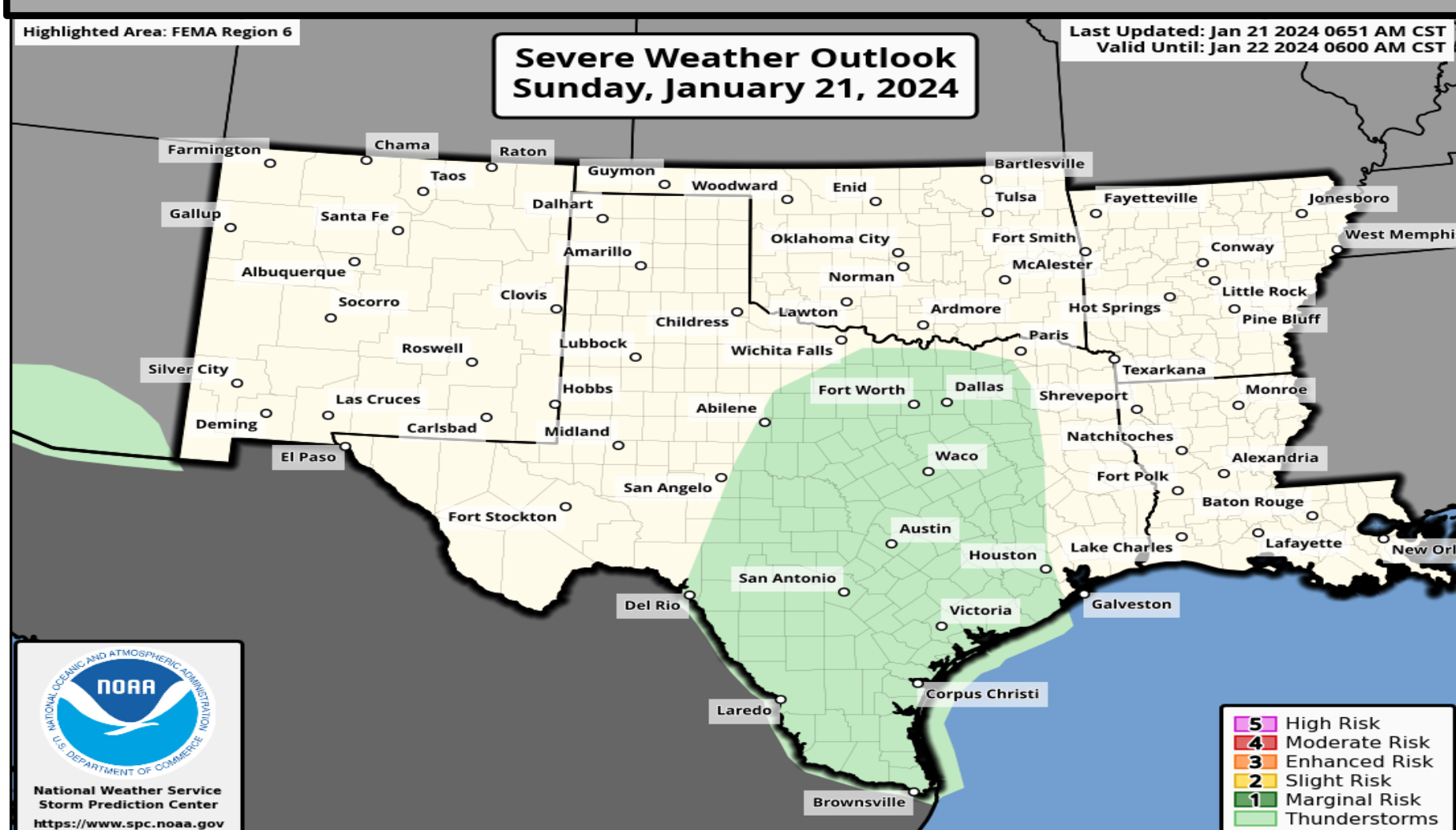


Forecast Rainfall

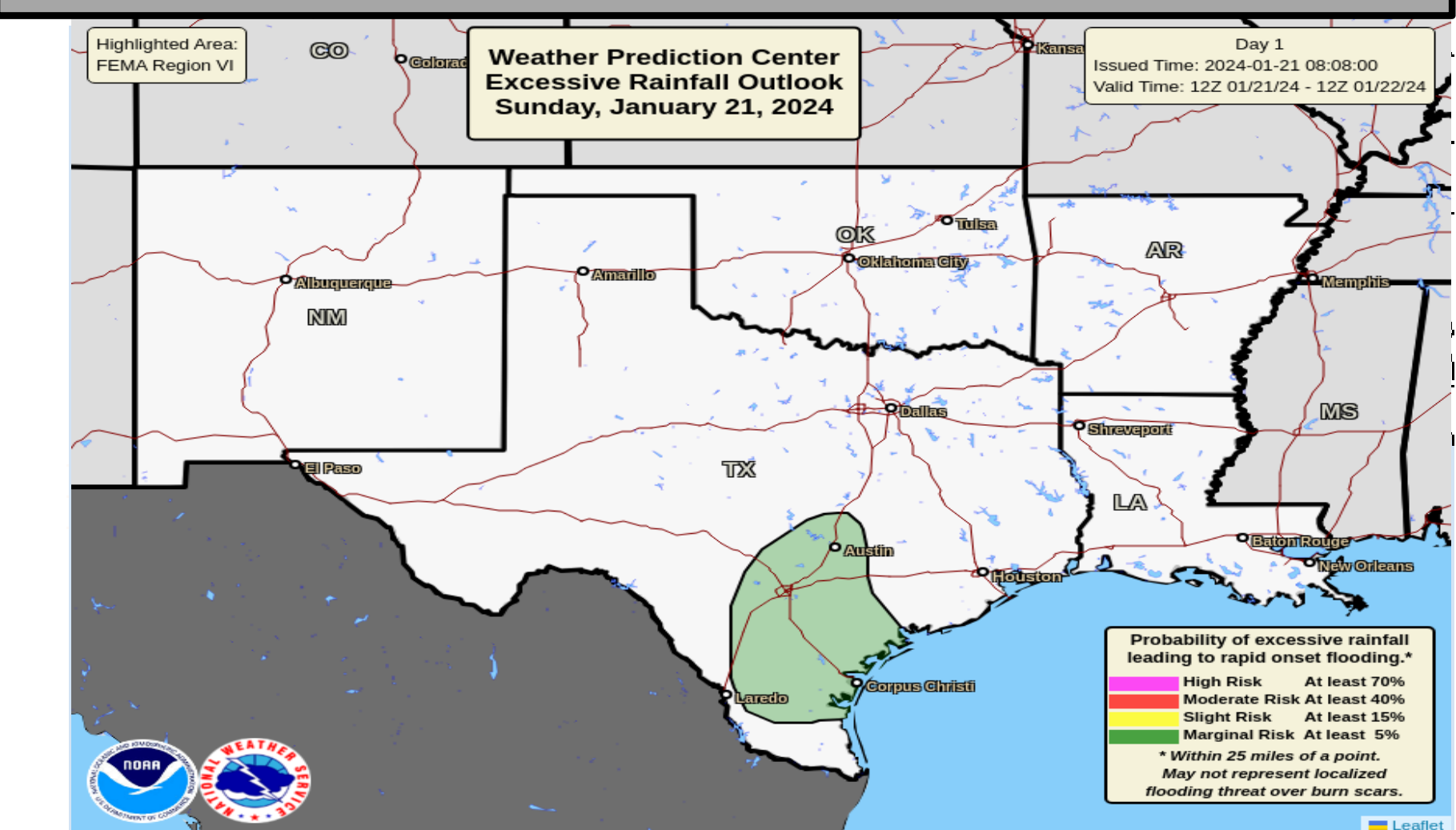


Wintry precipitation across N TX into OK and W AR.

Severe Weather Outlook

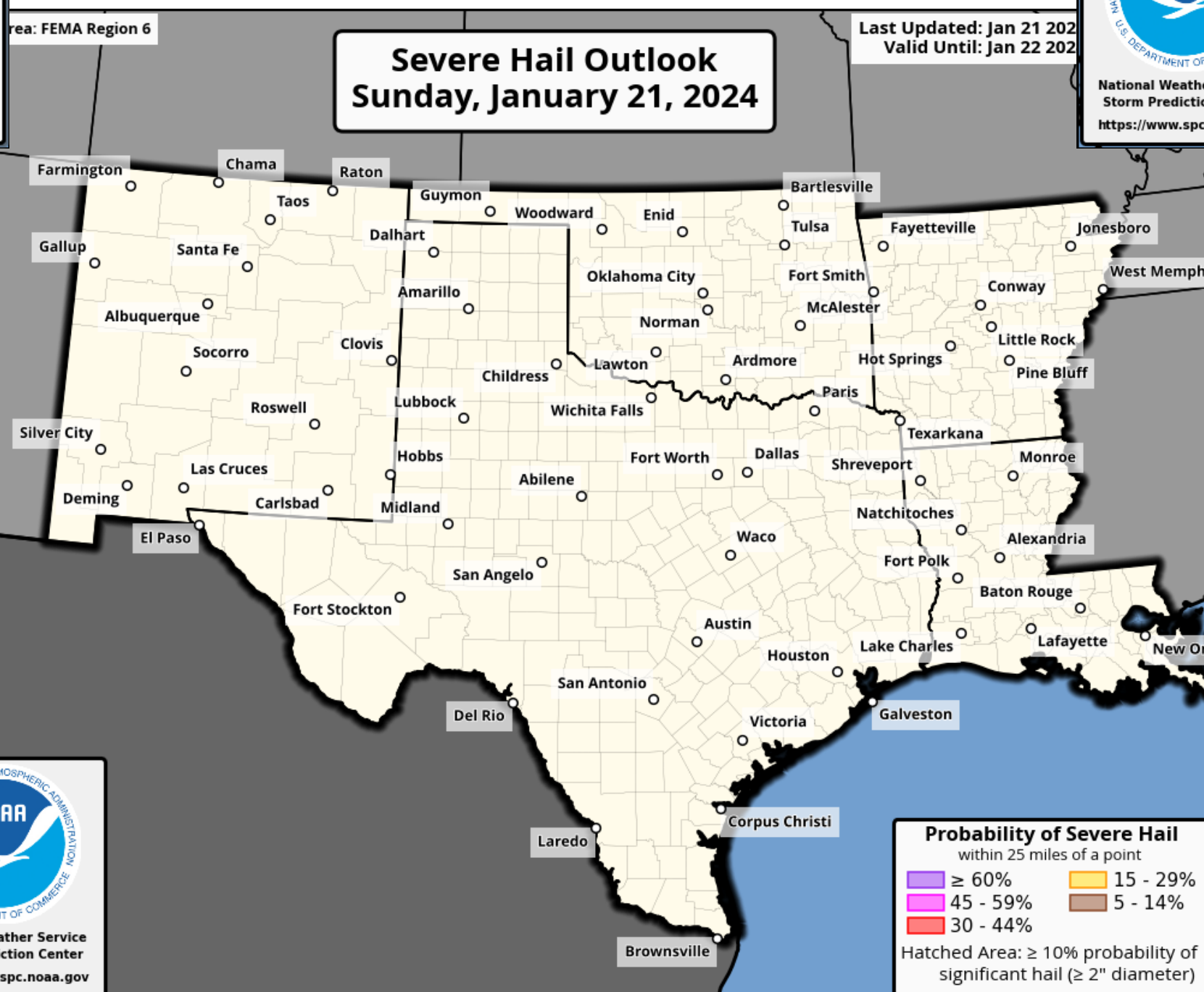
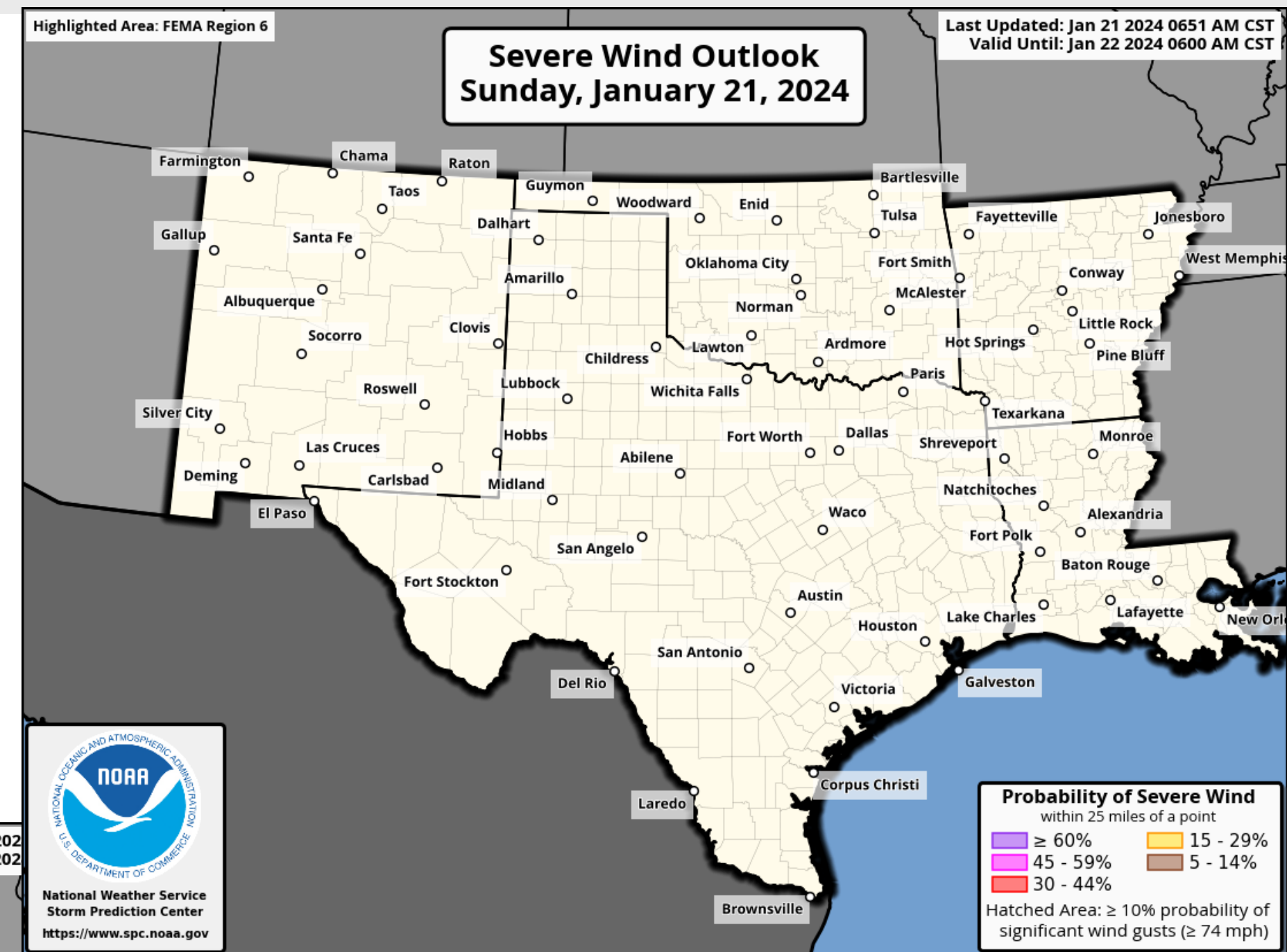
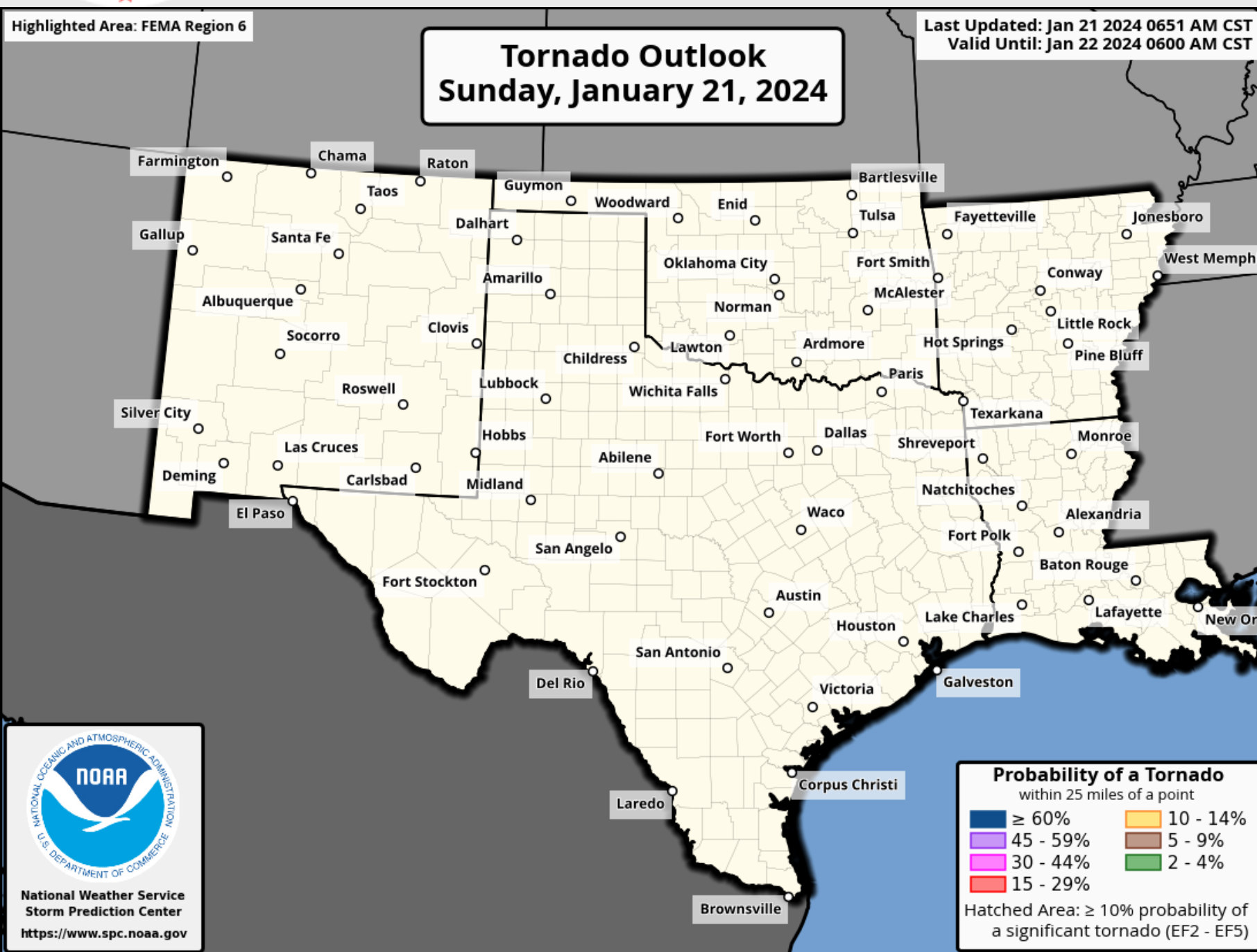


Excessive Rainfall Outlook





Today's Tornado & Severe Wind / Hail Probabilities



Last Updated: 1/21/2024 7:35 AM CT

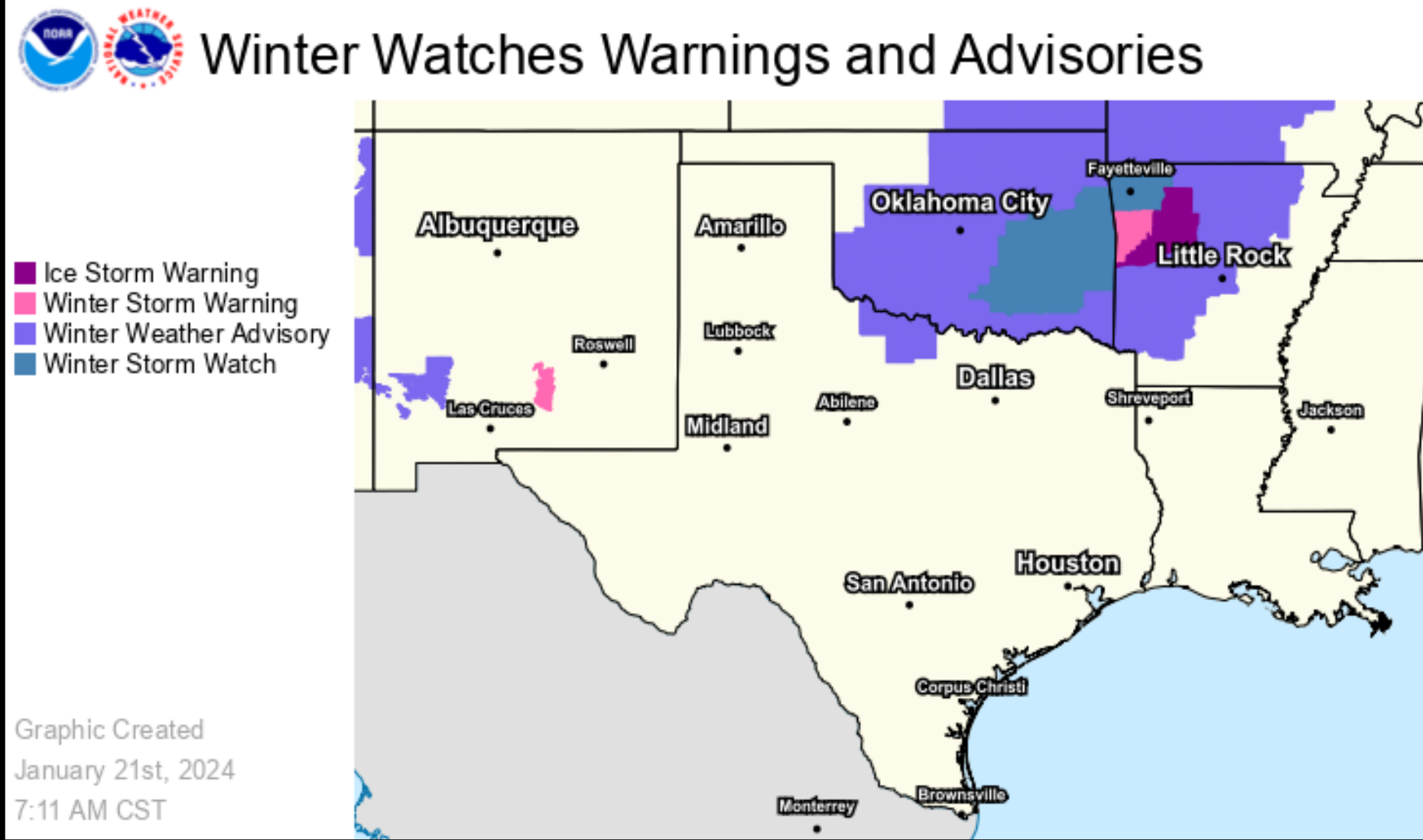
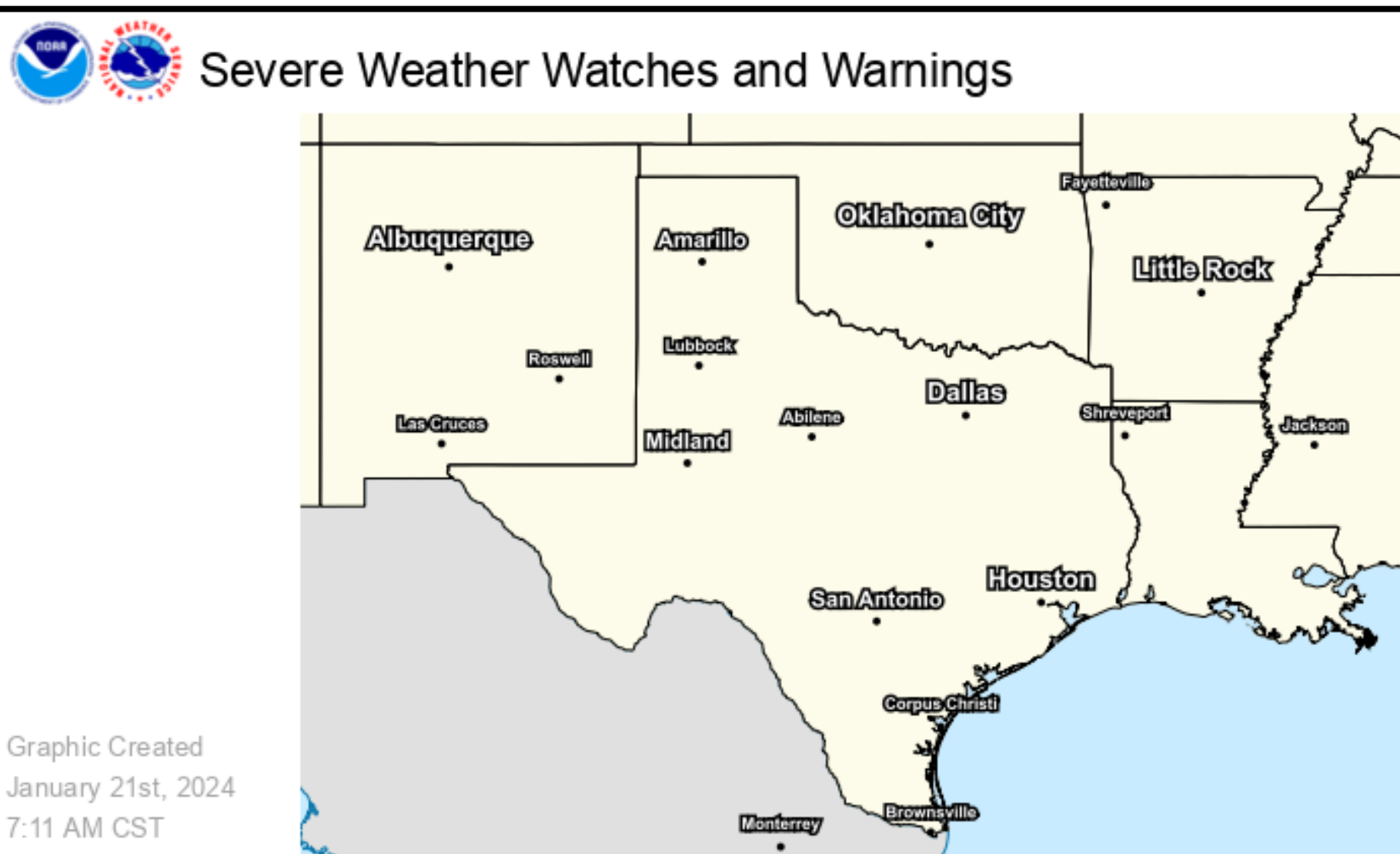
Weather Service – Southern Region ROC



Watches, Warnings, and Advisories

Wind, Severe, Winter, and Flood Hazards

Winter Weather watch, warning and advisories through Monday across OK and AR.





Winter Weather

Sunday - Tuesday

Forecast Snow Amounts

Forecast Ice Amounts



Forecast Snowfall

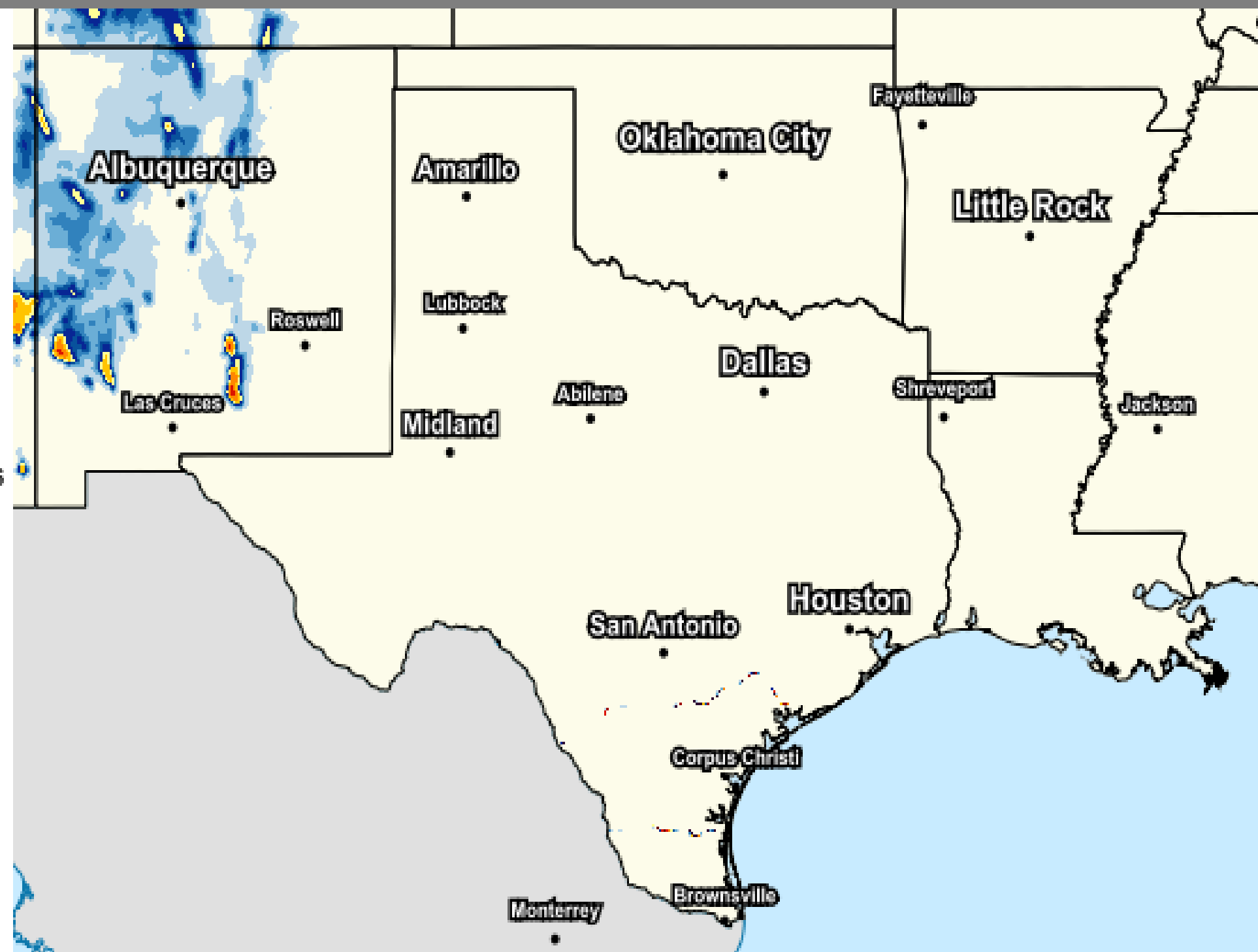


Ice Accumulation Forecast

Valid Ending Wednesday January 24th, 2024 at 6 AM CST

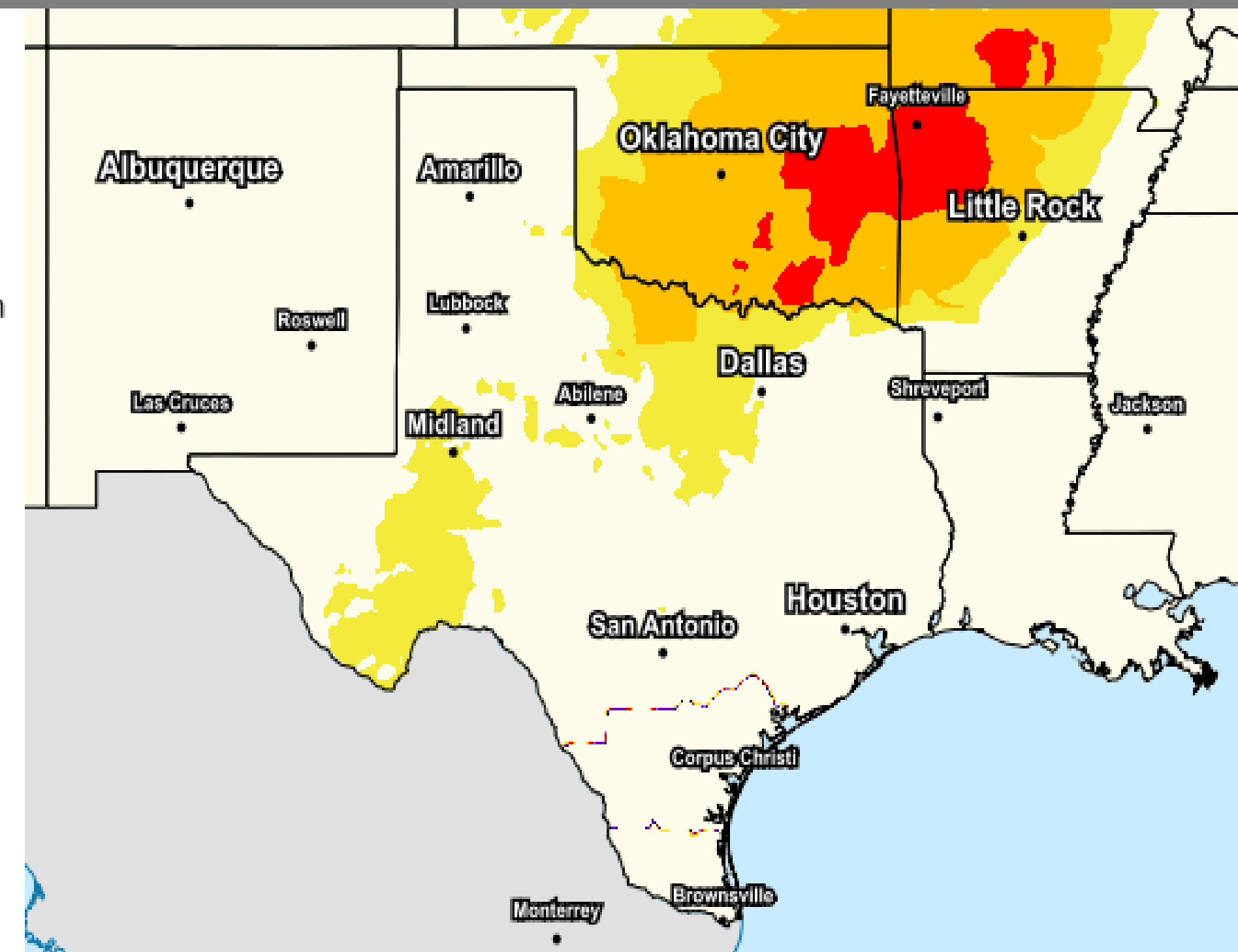
Valid Ending Wednesday January 24th, 2024 at 6 AM CST

- 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 21st, 2024
6:22 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

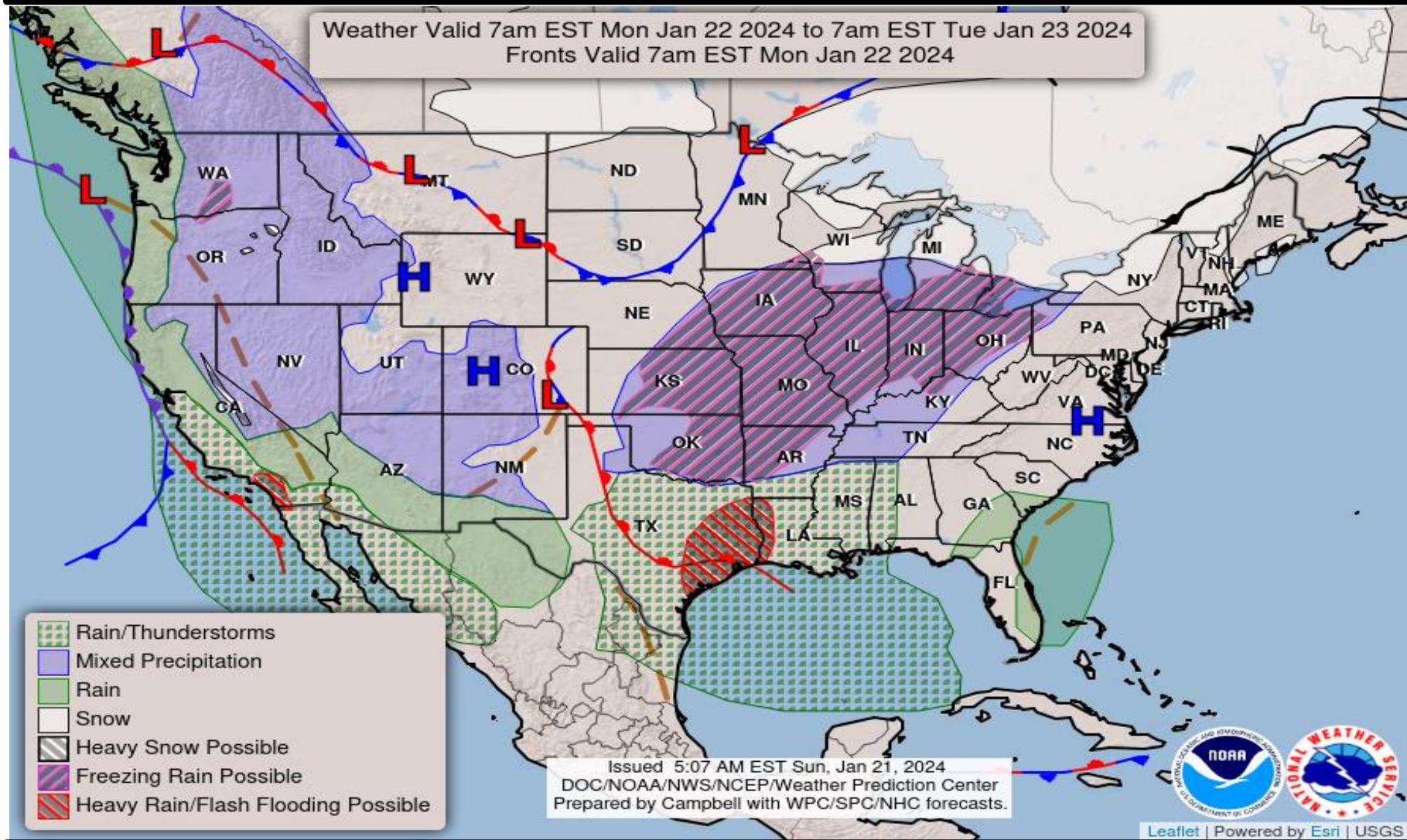


Graphic Created
January 21st, 2024
6:22 AM CST

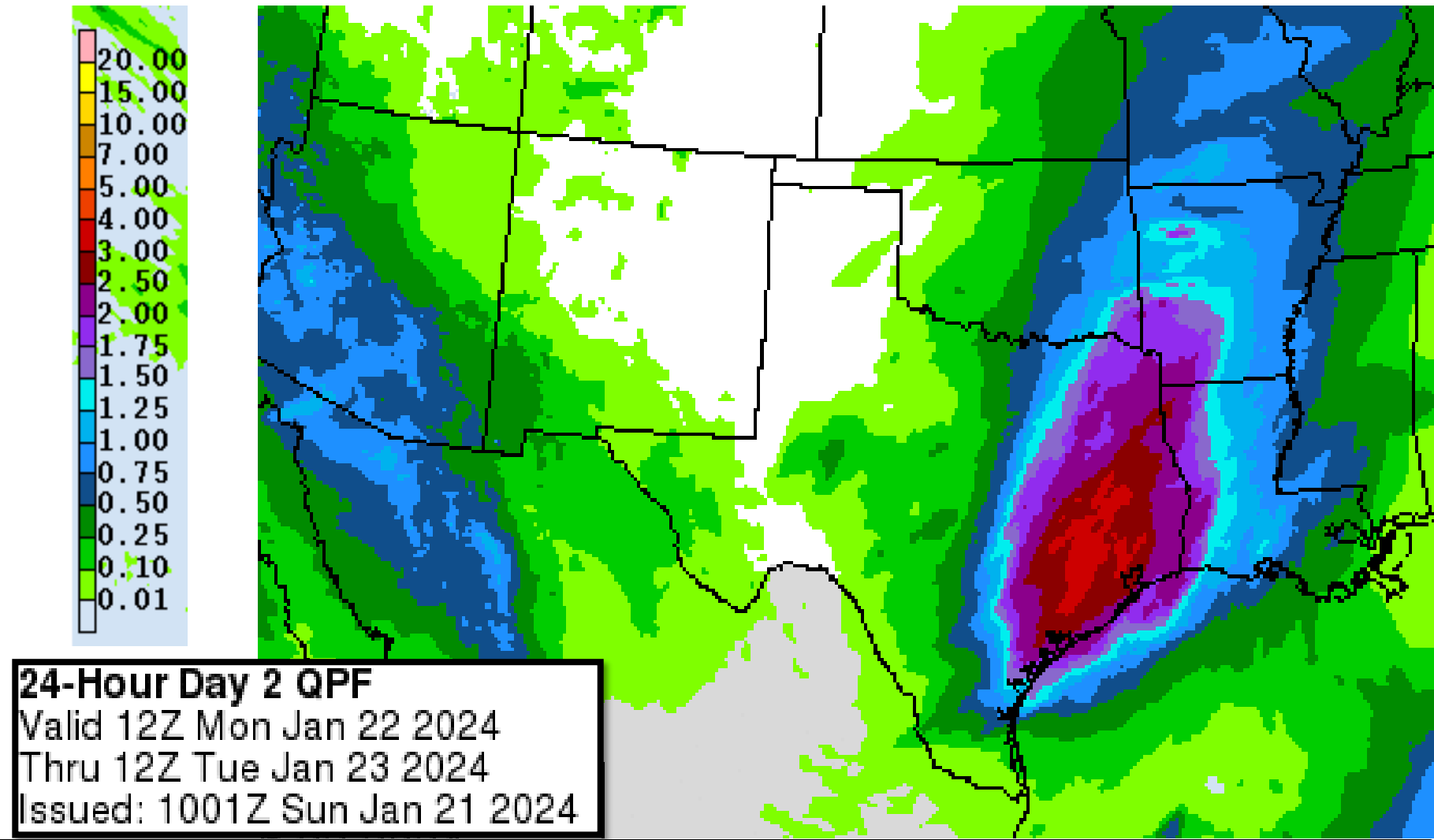


Tomorrow's Weather

Forecast Chart

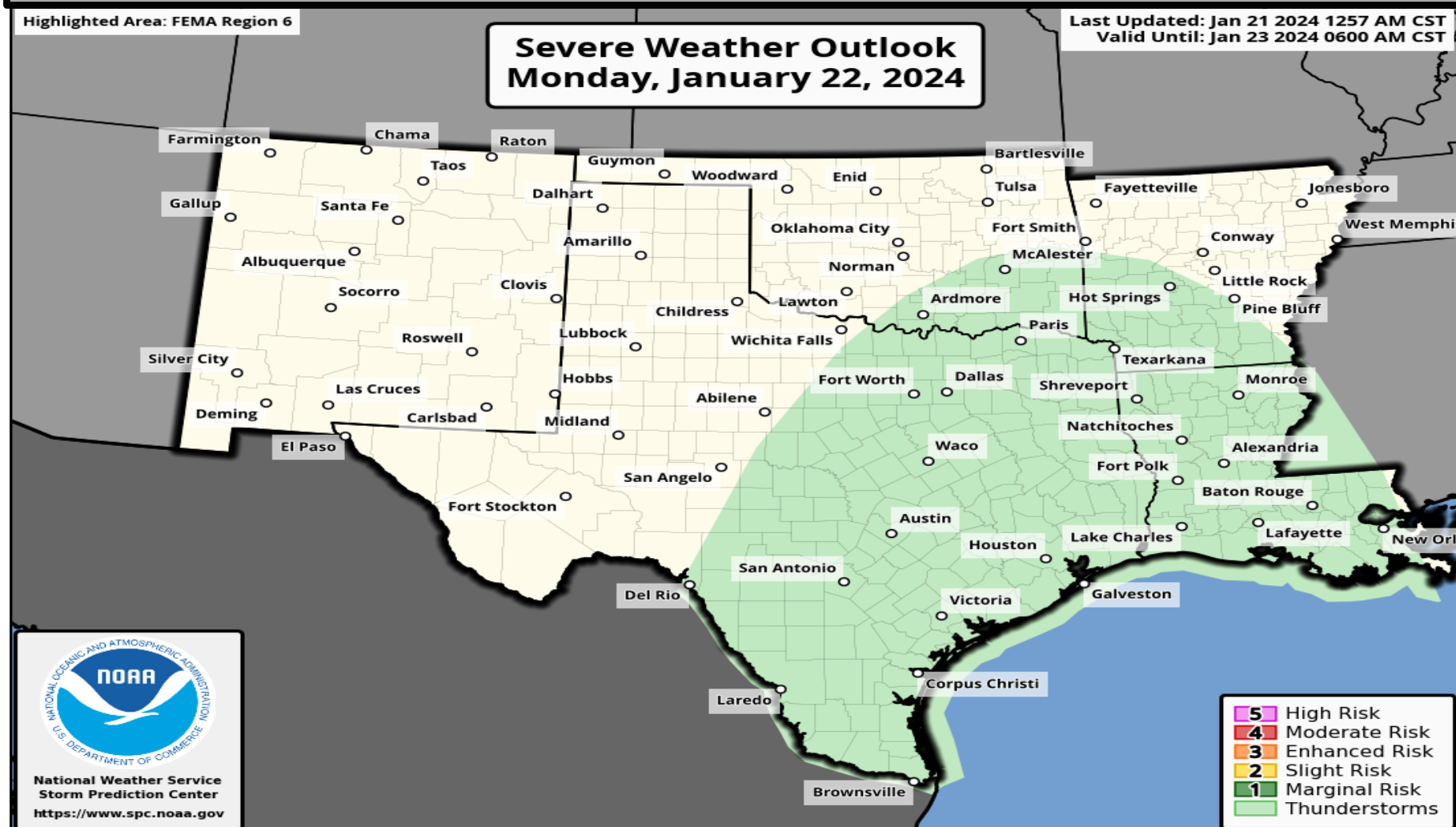


Forecast Rainfall

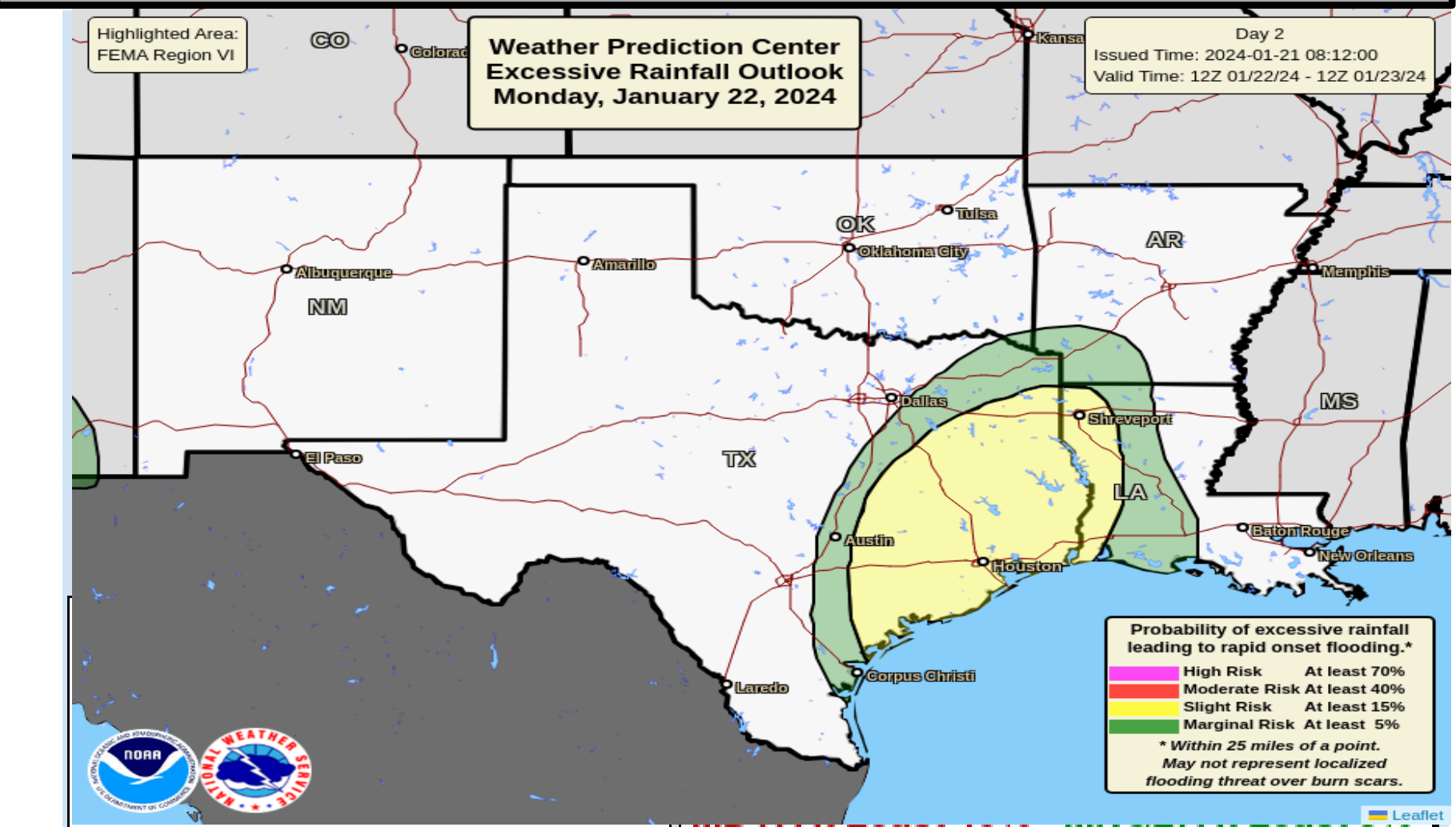


Heavy rain/flash flood potential SE/ETX into W LA.

Severe Weather Outlook

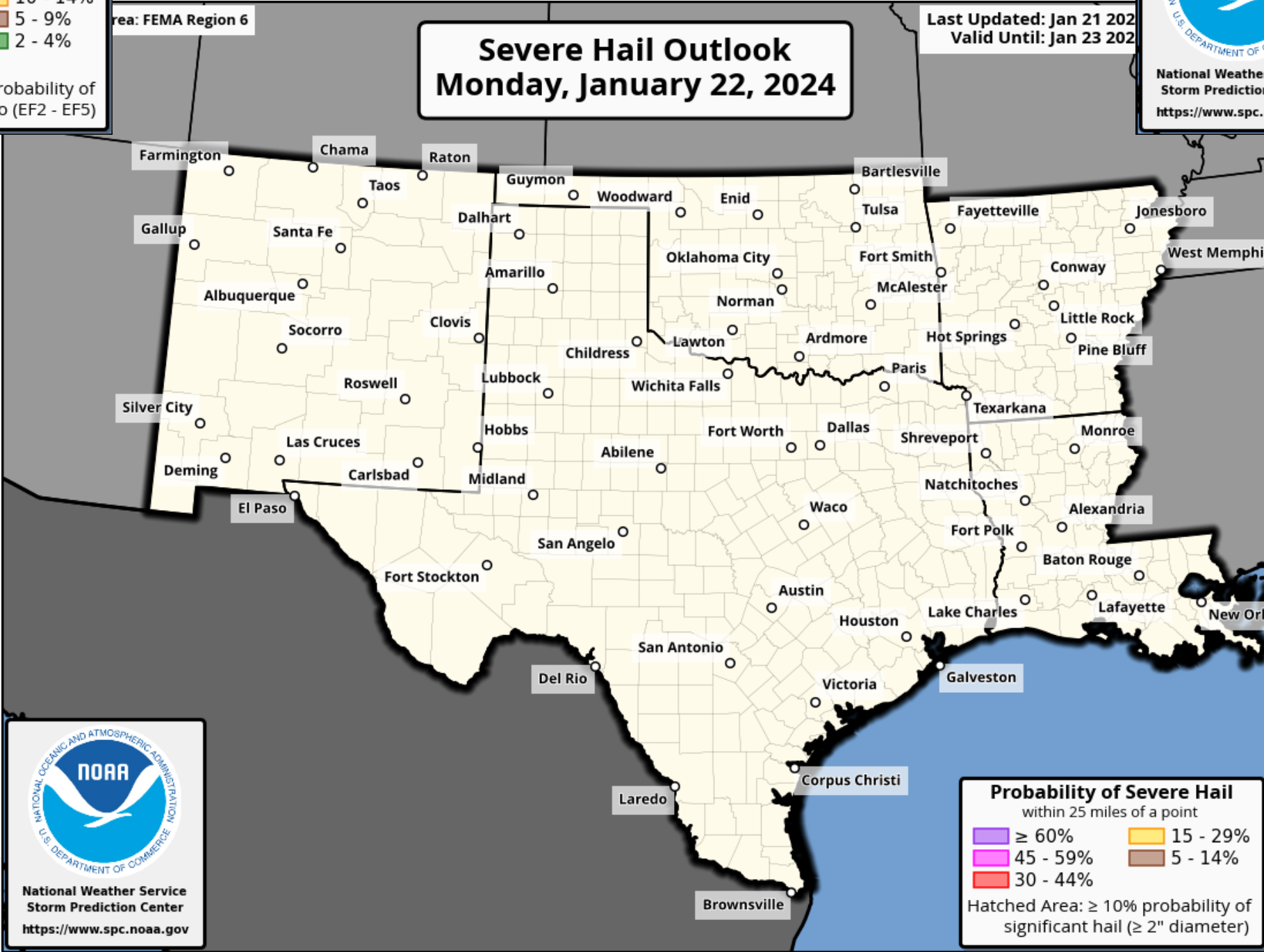
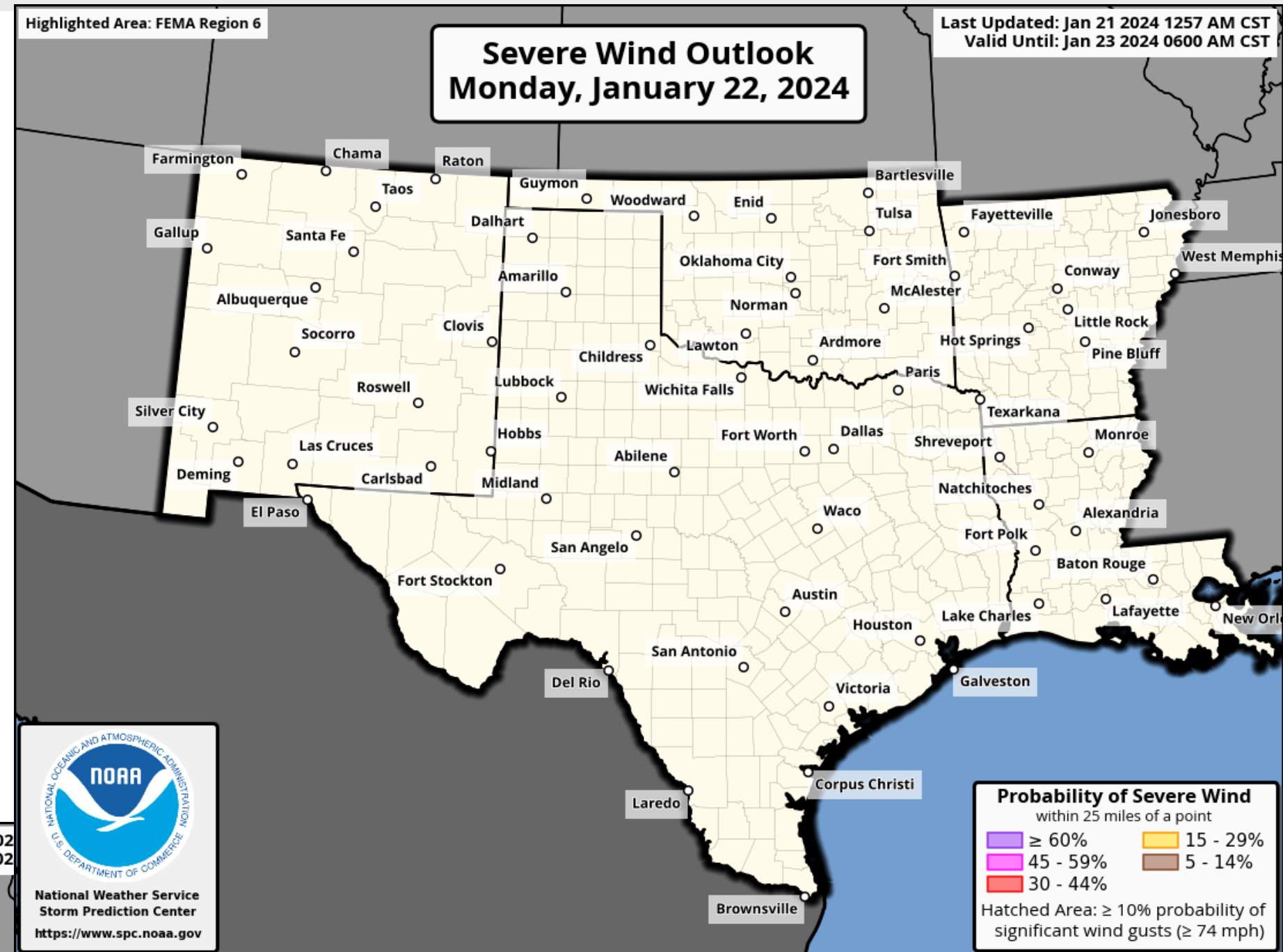
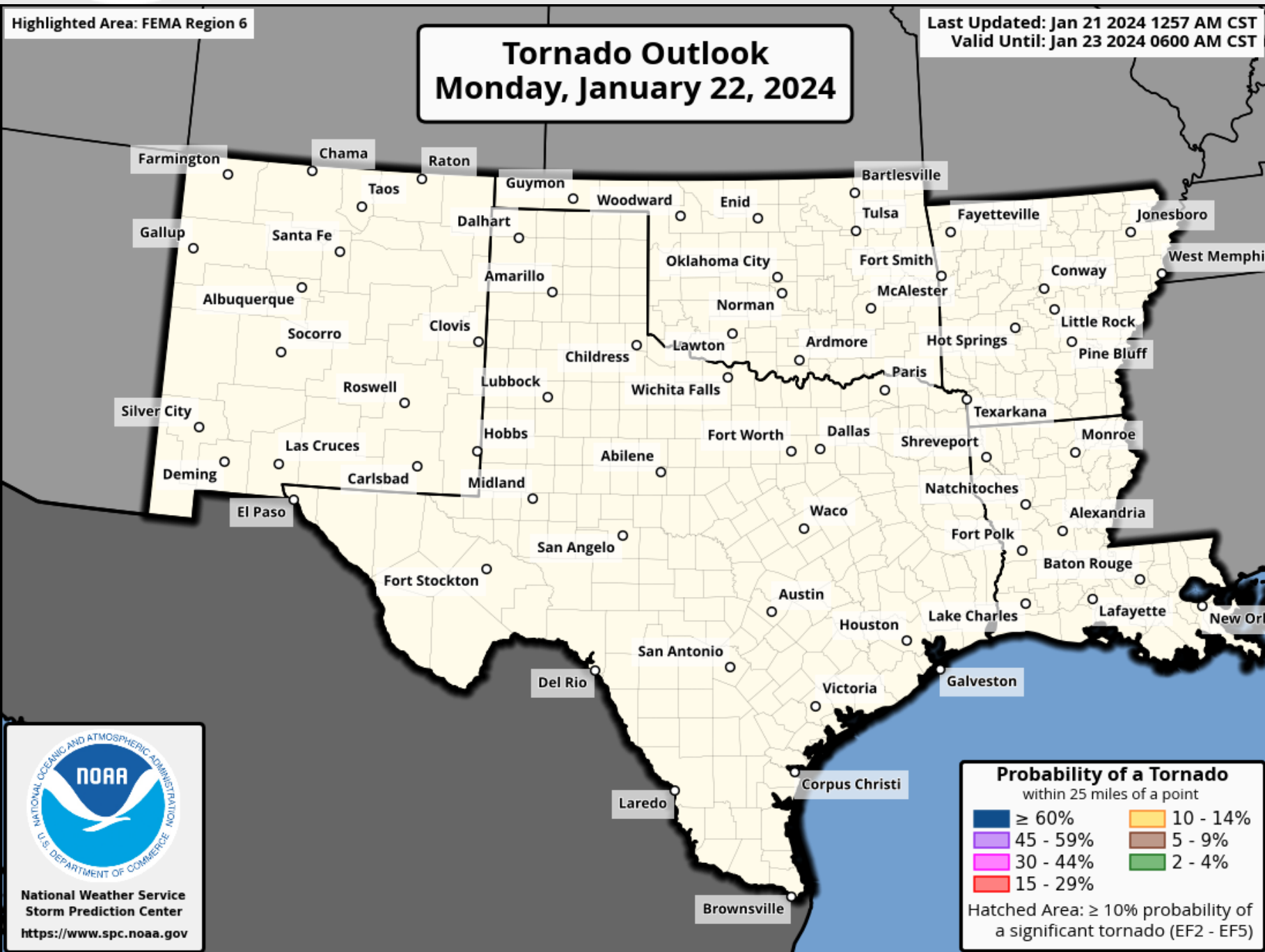


Excessive Rainfall Outlook





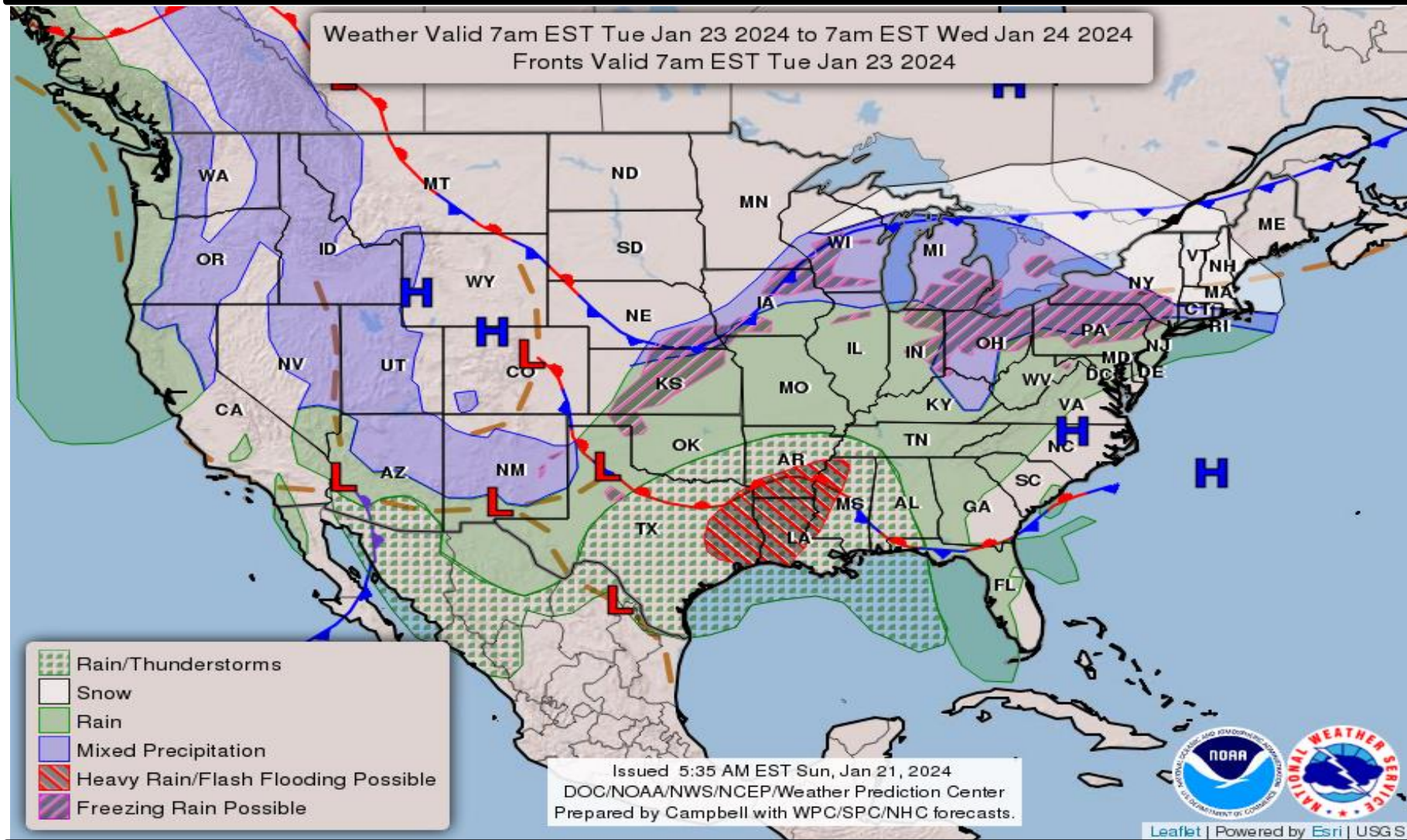
Tomorrow's Tornado & Severe Wind / Hail Probabilities



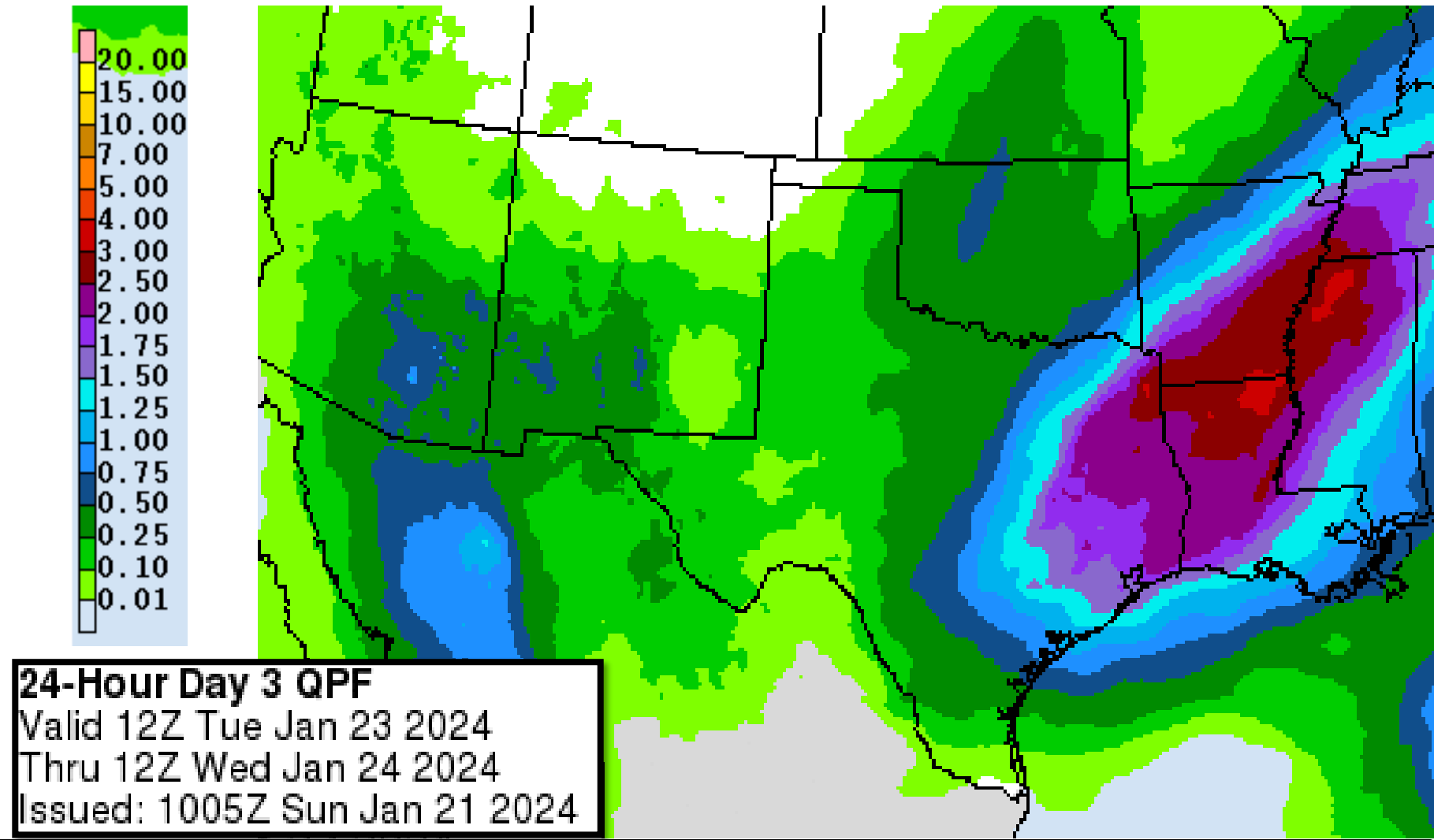


Tuesday's Weather

Forecast Chart

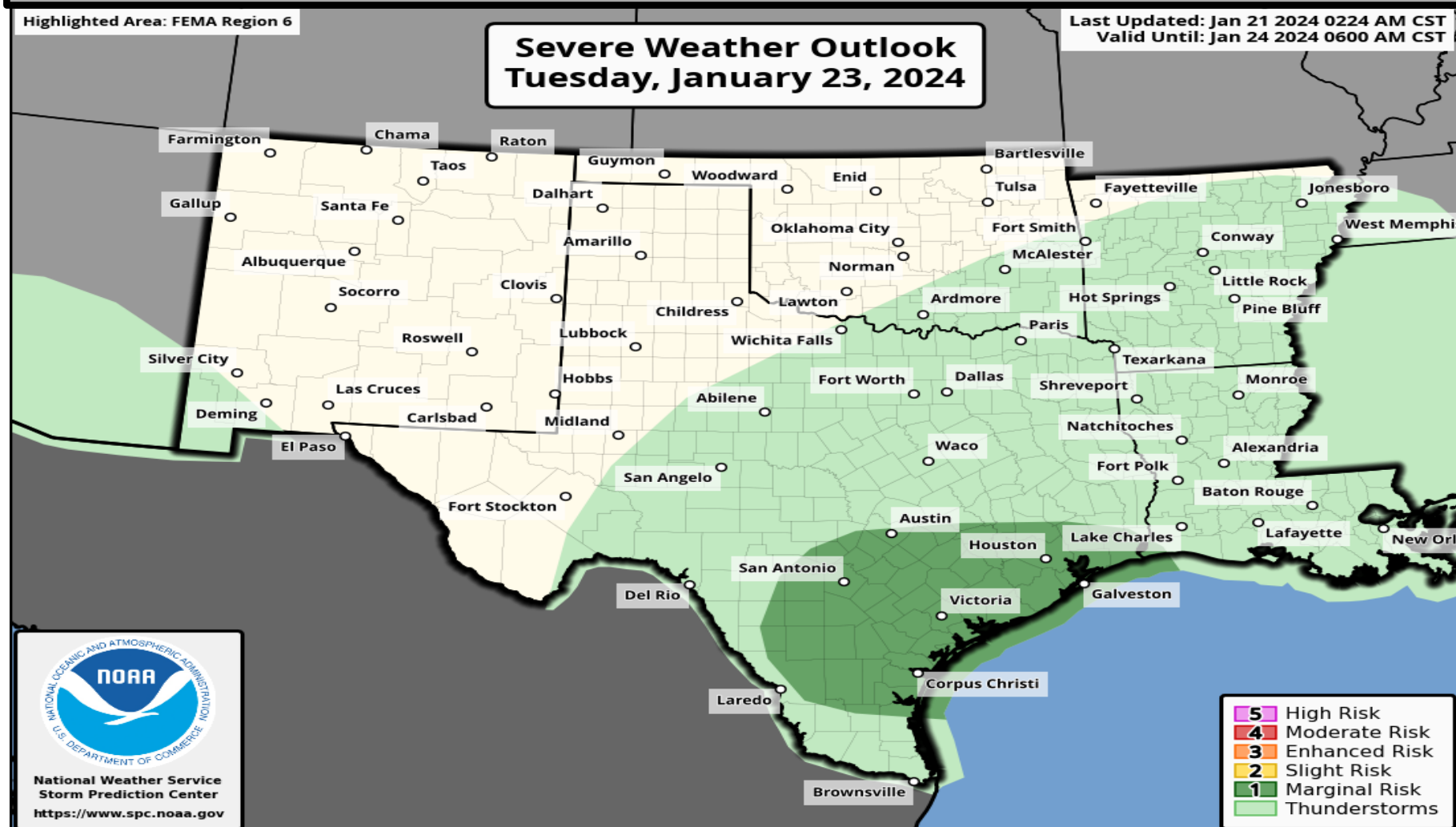


Forecast Rainfall

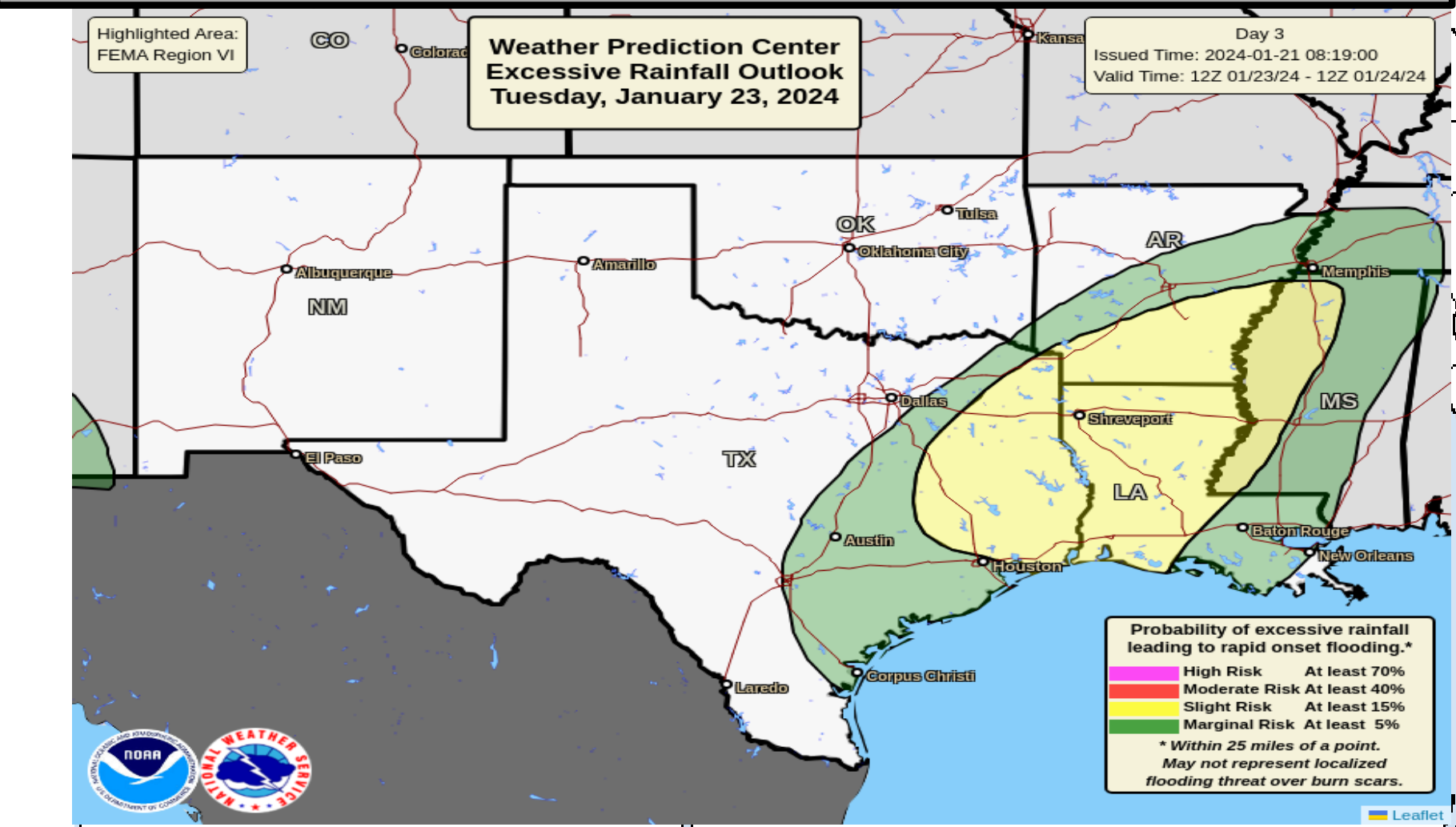


**Heavy rain/flash flood potential
S AR, ETX, LA.**

Severe Weather Outlook



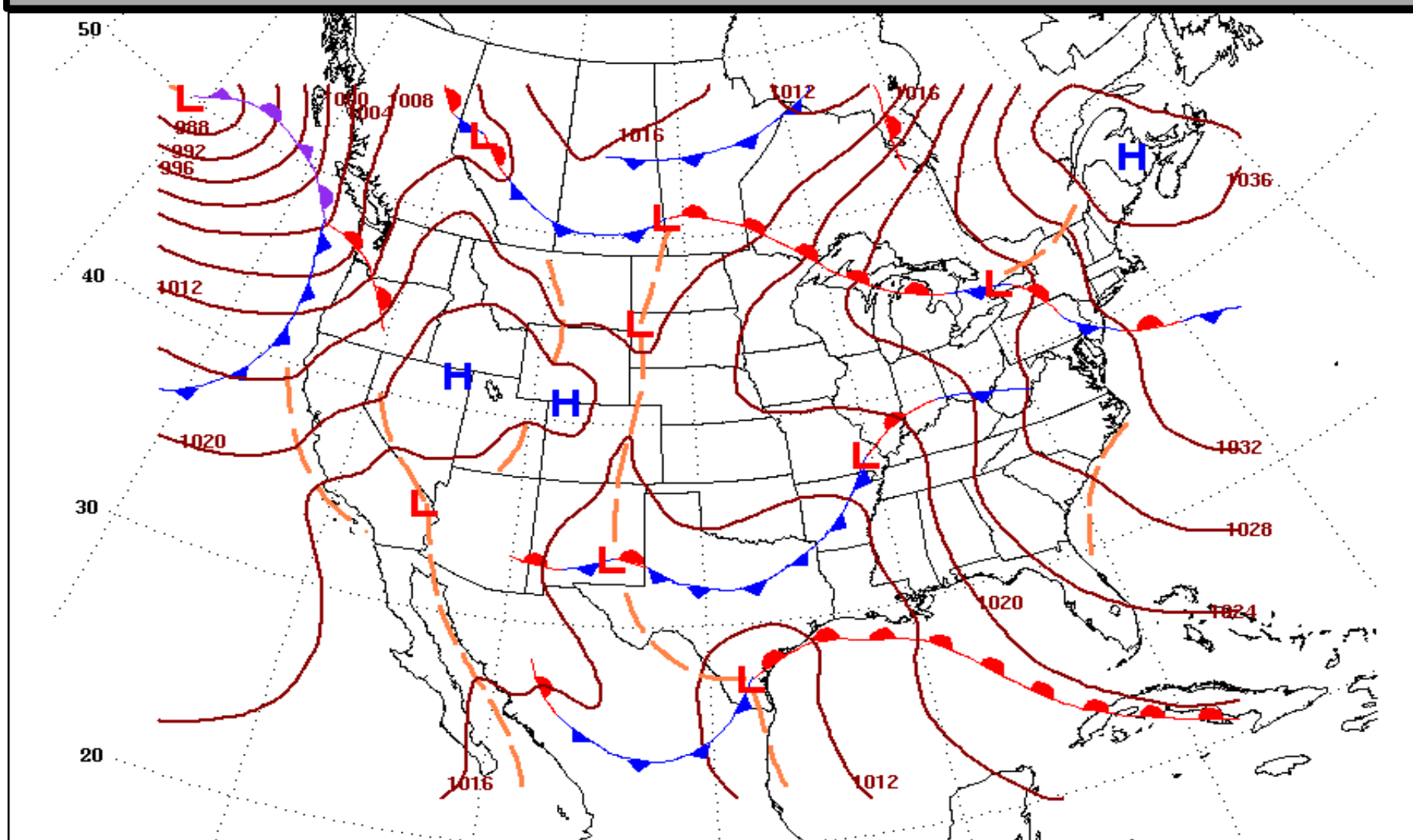
Excessive Rainfall Outlook



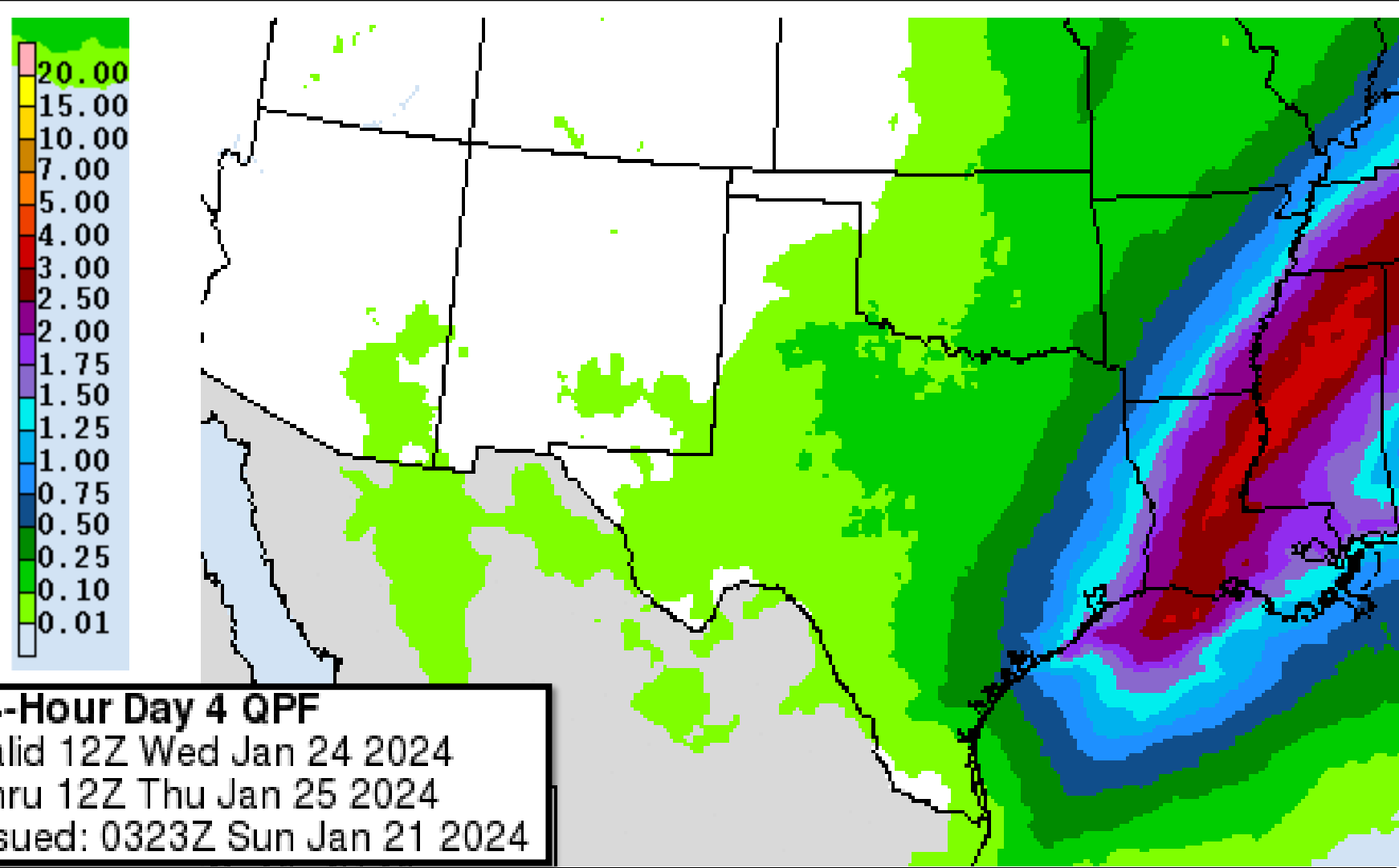


Wednesday's Weather

Forecast Chart



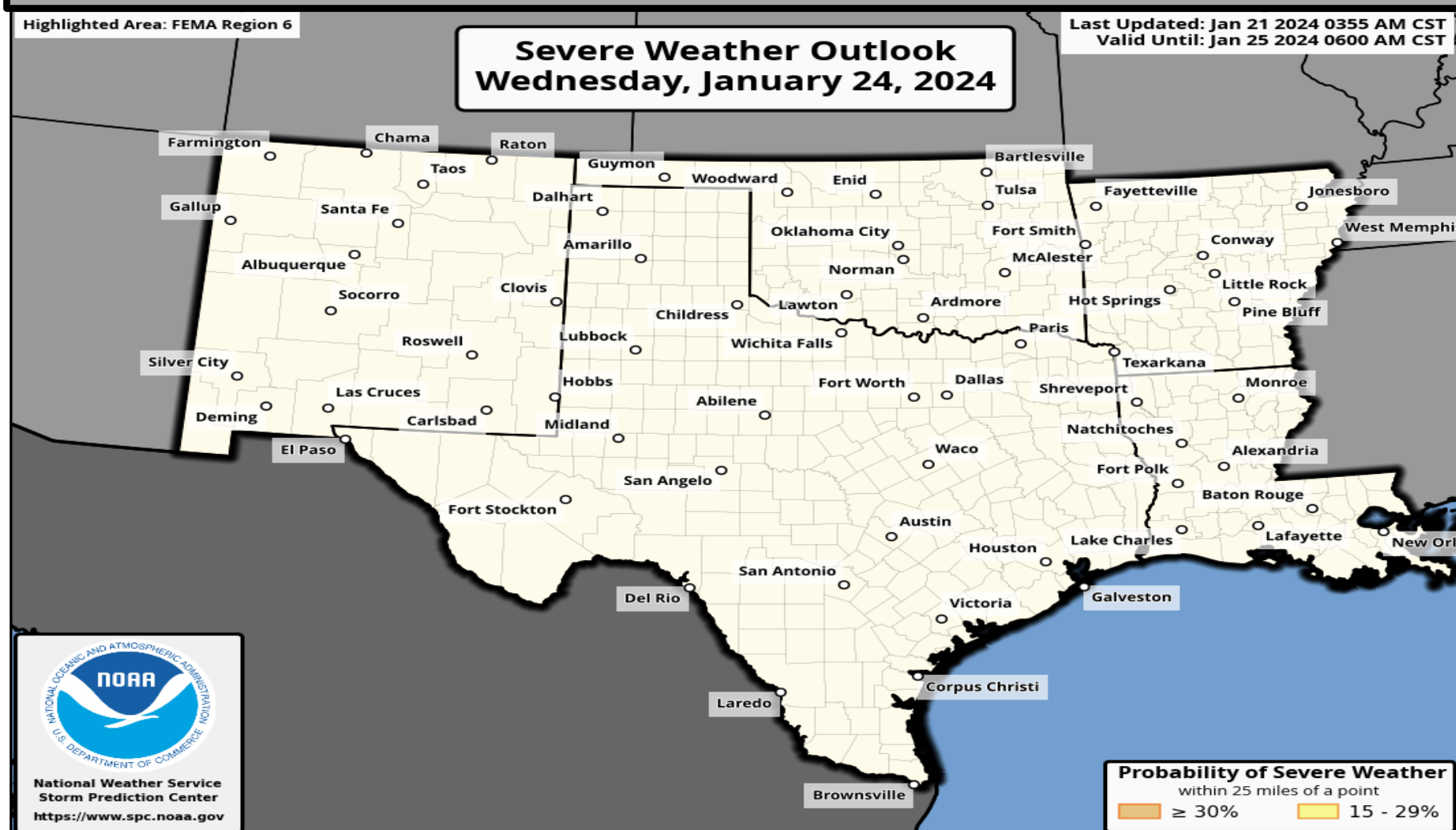
Forecast Rainfall



**Heavy rain/flash flood potential
SETX, LA.**

24-Hour Day 4 QPF
Valid 12Z Wed Jan 24 2024
Thru 12Z Thu Jan 25 2024
Issued: 0323Z Sun Jan 21 2024

Severe Weather Outlook

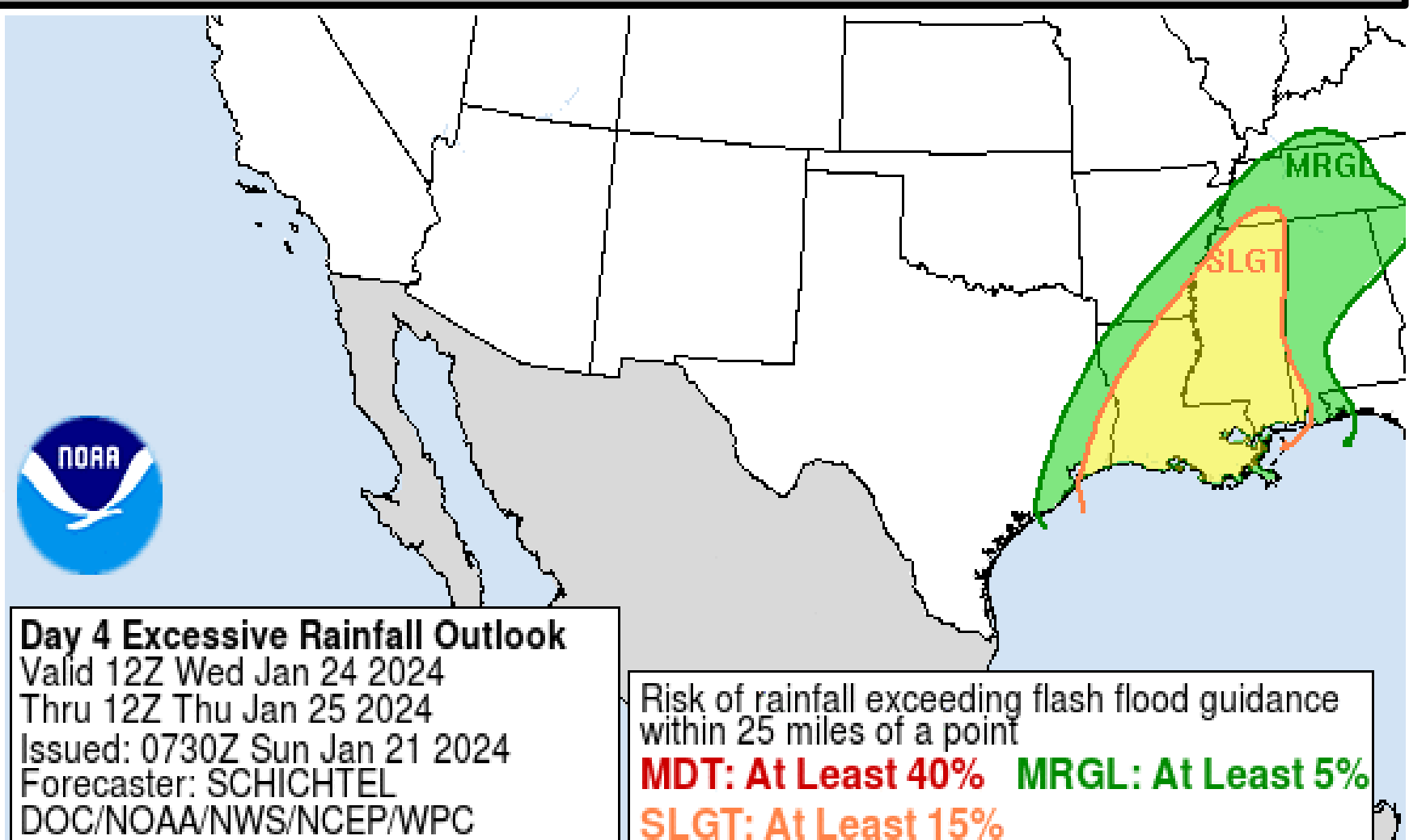


**Severe Weather Outlook
Wednesday, January 24, 2024**

Last Updated: Jan 21 2024 0355 AM CST
Valid Until: Jan 25 2024 0600 AM CST

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

Excessive Rainfall Outlook



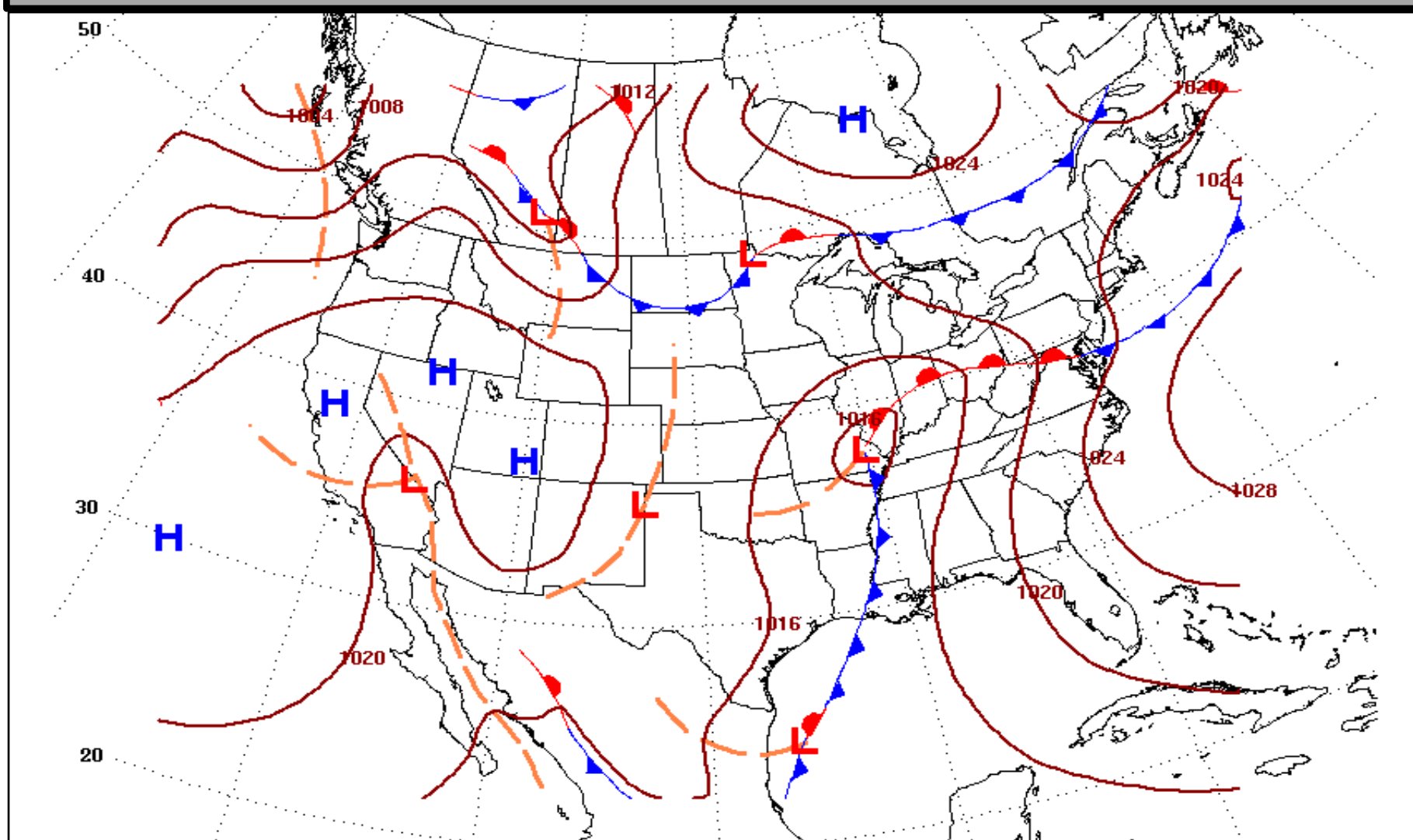
Day 4 Excessive Rainfall Outlook
Valid 12Z Wed Jan 24 2024
Thru 12Z Thu Jan 25 2024
Issued: 0730Z Sun Jan 21 2024
Forecaster: SCHICHEL
DOC/NOAA/NWS/NCEP/WPC

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%

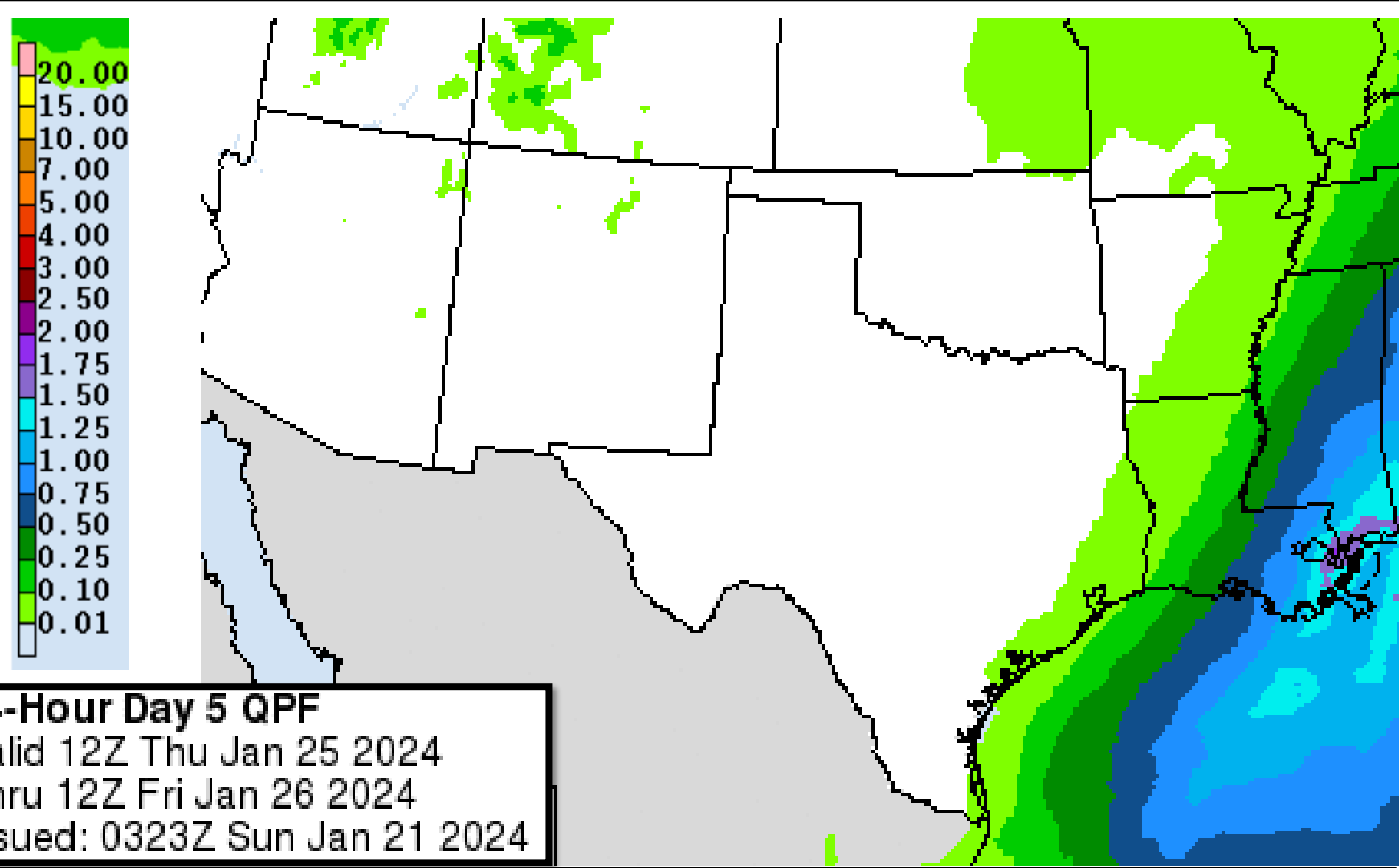


Thursday's Weather

Forecast Chart



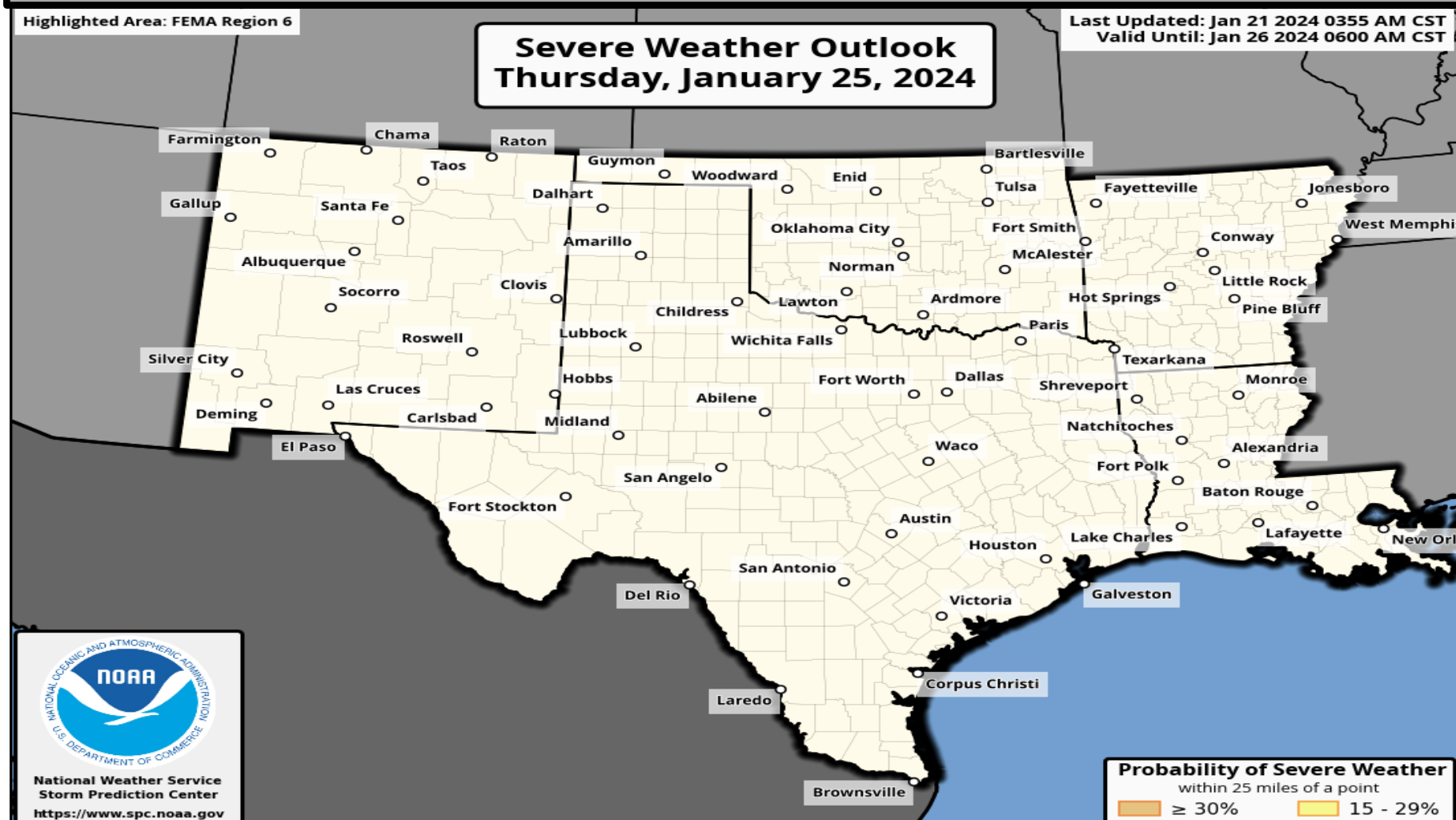
Forecast Rainfall



**Heavy rain/flash flood potential
SETX, LA.**

24-Hour Day 5 QPF
Valid 12Z Thu Jan 25 2024
Thru 12Z Fri Jan 26 2024
Issued: 0323Z Sun Jan 21 2024

Severe Weather Outlook

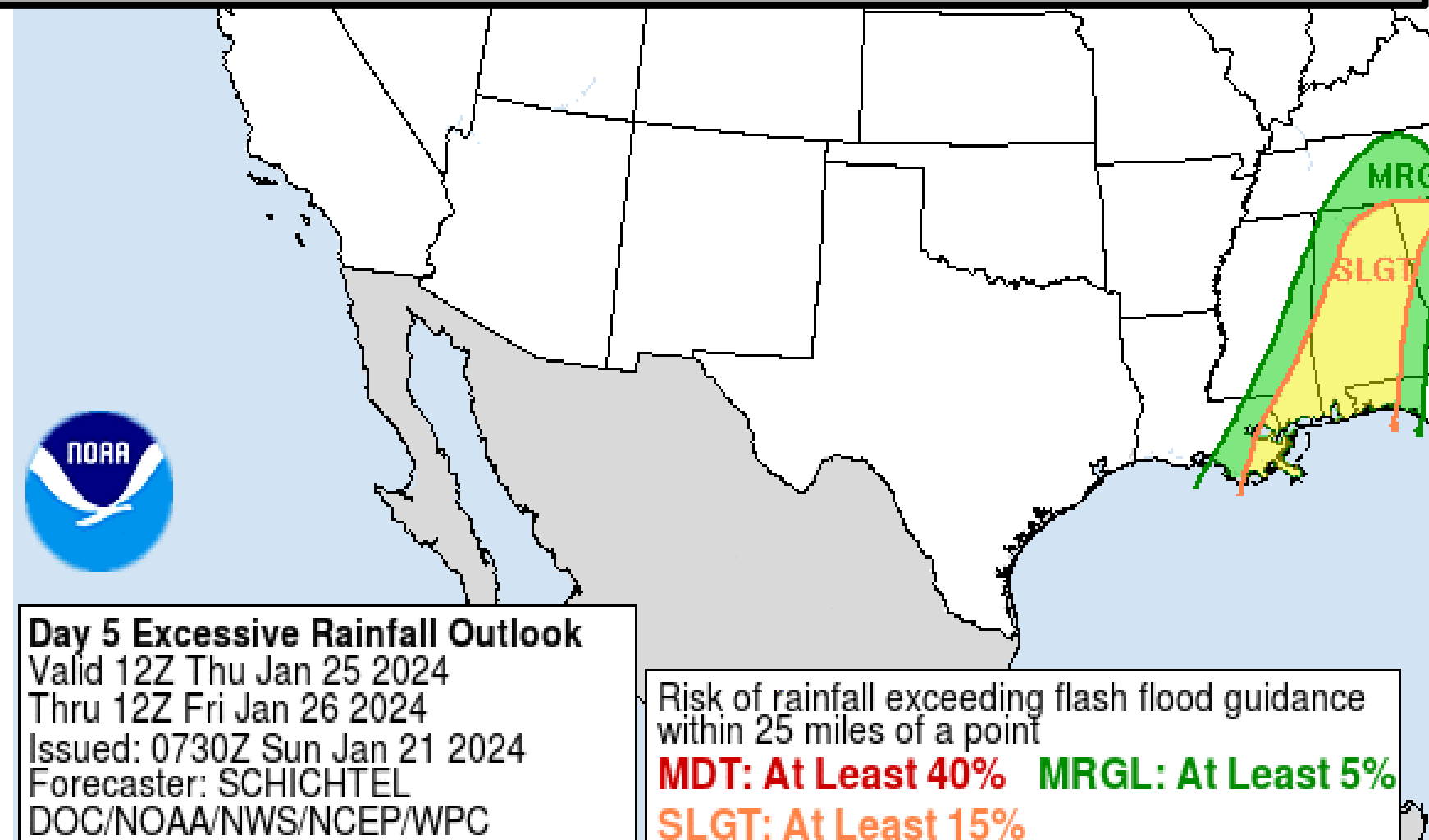


**Severe Weather Outlook
Thursday, January 25, 2024**

Last Updated: Jan 21 2024 0355 AM CST
Valid Until: Jan 26 2024 0600 AM CST

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

Excessive Rainfall Outlook



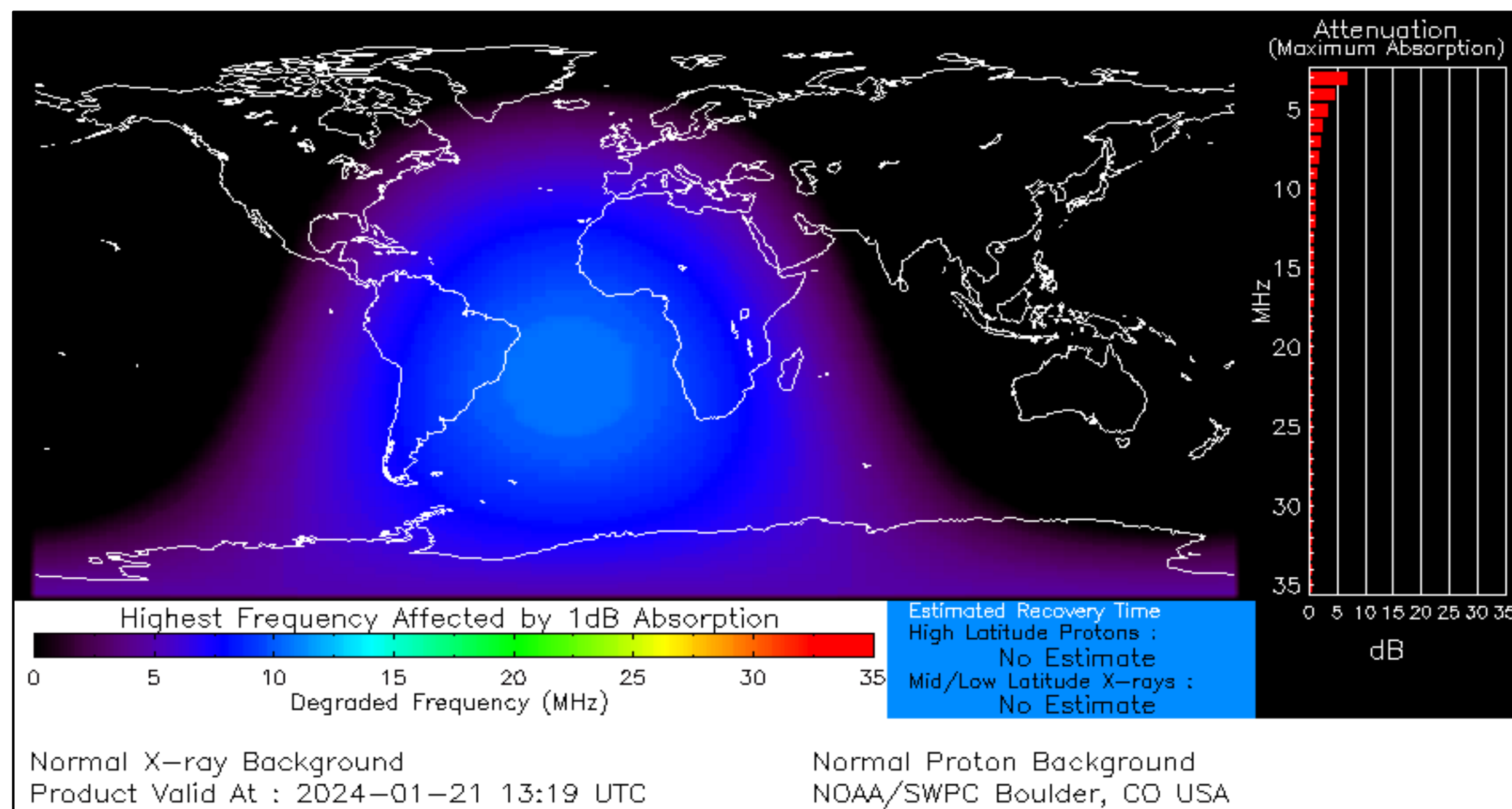
Day 5 Excessive Rainfall Outlook
Valid 12Z Thu Jan 25 2024
Thru 12Z Fri Jan 26 2024
Issued: 0730Z Sun Jan 21 2024
Forecaster: SCHICHEL
DOC/NOAA/NWS/NCEP/WPC

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%



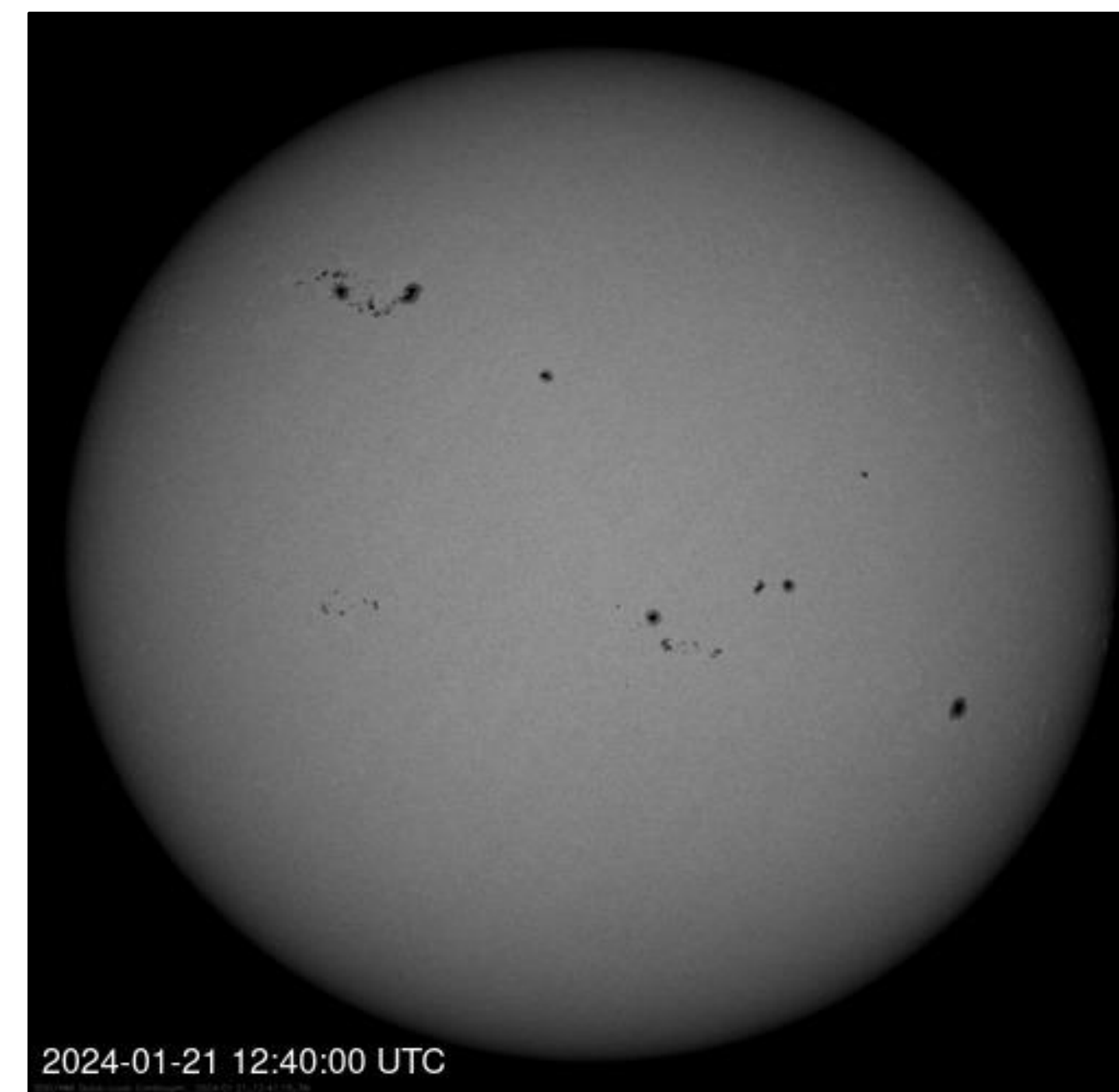
Space Weather 3-Day Forecast

	Sunday	Monday	Tuesday
Geomagnetic Storms	Unsettled (Max Kp = 3)	Moderate (G2) Storm (Max Kp = 6)	Moderate (G2) Storm (Max Kp = 6)
Solar Radiation Storm (S1-S5)	5%	5%	5%
Radio Blackout (R1-R2)	50%	50%	50%
Radio Blackout (R3-R5)	10%	10%	10%



[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

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



Weather "Threat" Matrix for FEMA Region VI

Color	Definition	Criteria	Example(s)
Green	<p style="text-align: center;">Very Common</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"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as sea breeze storms in coastal TX
Yellow	<p style="text-align: center;">Somewhat Common – Happens Frequently</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"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail
Orange	<p style="text-align: center;">Uncommon – A Few Times a Year</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"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	<p style="text-align: center;">Rare – Once every 1-5 Years</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"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	<p style="text-align: center;">Very Rare – Once Every 5-10 Years</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"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh@noaa.gov