



FEMA



Prepared by
Melissa Huffman

FEMA Region 6 Weather Threat Briefing

Sunday January 7, 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

- **Widespread snow to combine with very strong winds over NM, OK/TX Panhandles, N OK, NW AR through Tuesday to produce travel and power impacts.**
- **Strong winds across FEMA Region 6 states will produce wind gusts in excess of 40 MPH at times Monday and Tuesday.**
- **Severe storms over SE TX, S LA on Monday; damaging winds/hail/isolated tornadoes possible.**
- **Heavy rainfall/flash flooding possible over SE LA on Tuesday.**
- **Elevated wildland fire threat over W, S TX on Monday and Tuesday due to gusty winds and low relative humidity.**



FEMA Region 6 Threat Matrix

Jan 7, 2024 - Jan 11, 2024

DAY / THREAT	Sun	Mon	Tue	Wed	Thu
Severe Storms		SETX, LA			
Heavy Rain / Flash Flooding		SE LA			
Fire Weather		W, STX	STX		
Winter Weather	NM	NE NM, TX/OK Panhandle, NW OK	TX/OK Panhandles, N OK, NW AR		
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

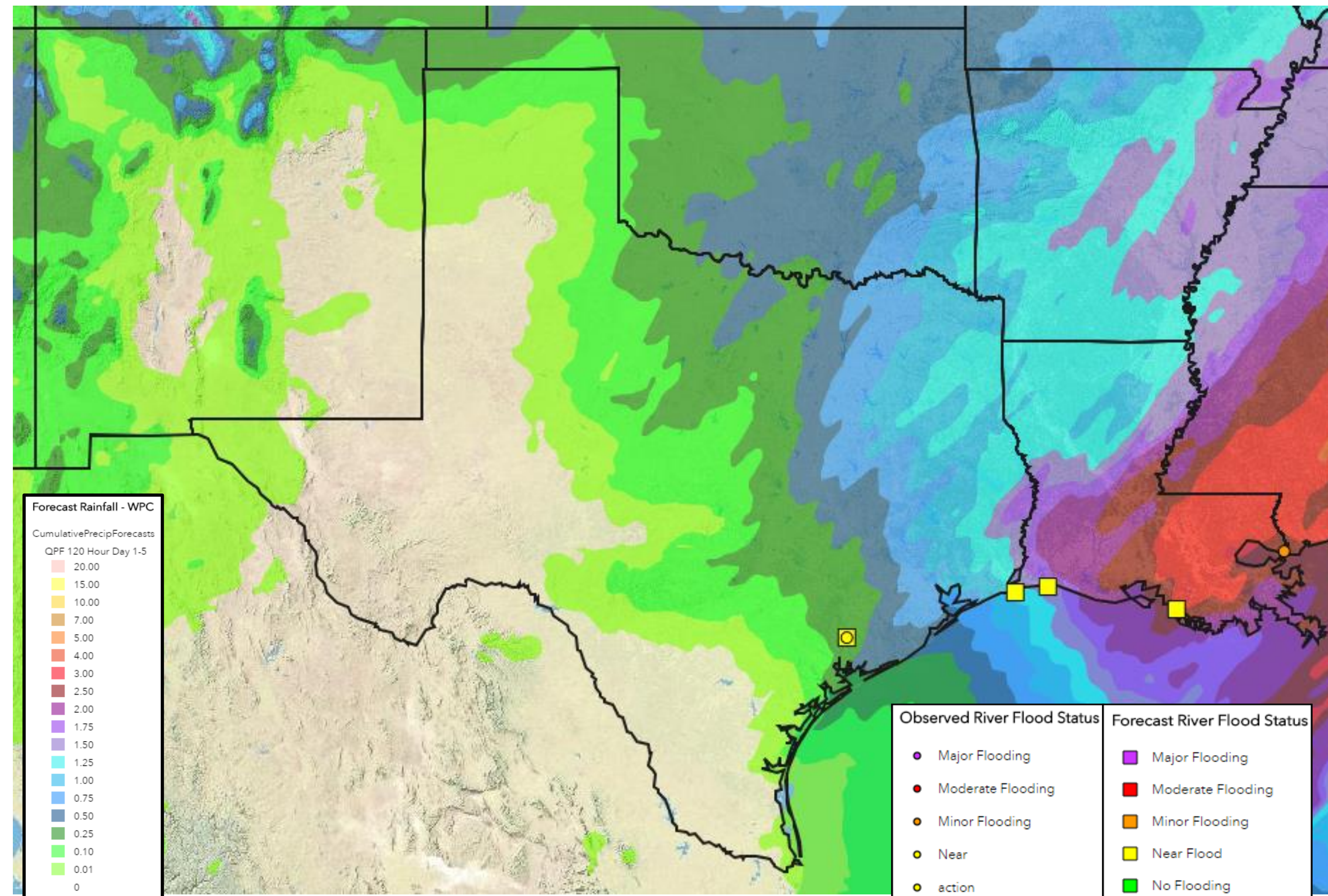
Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

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



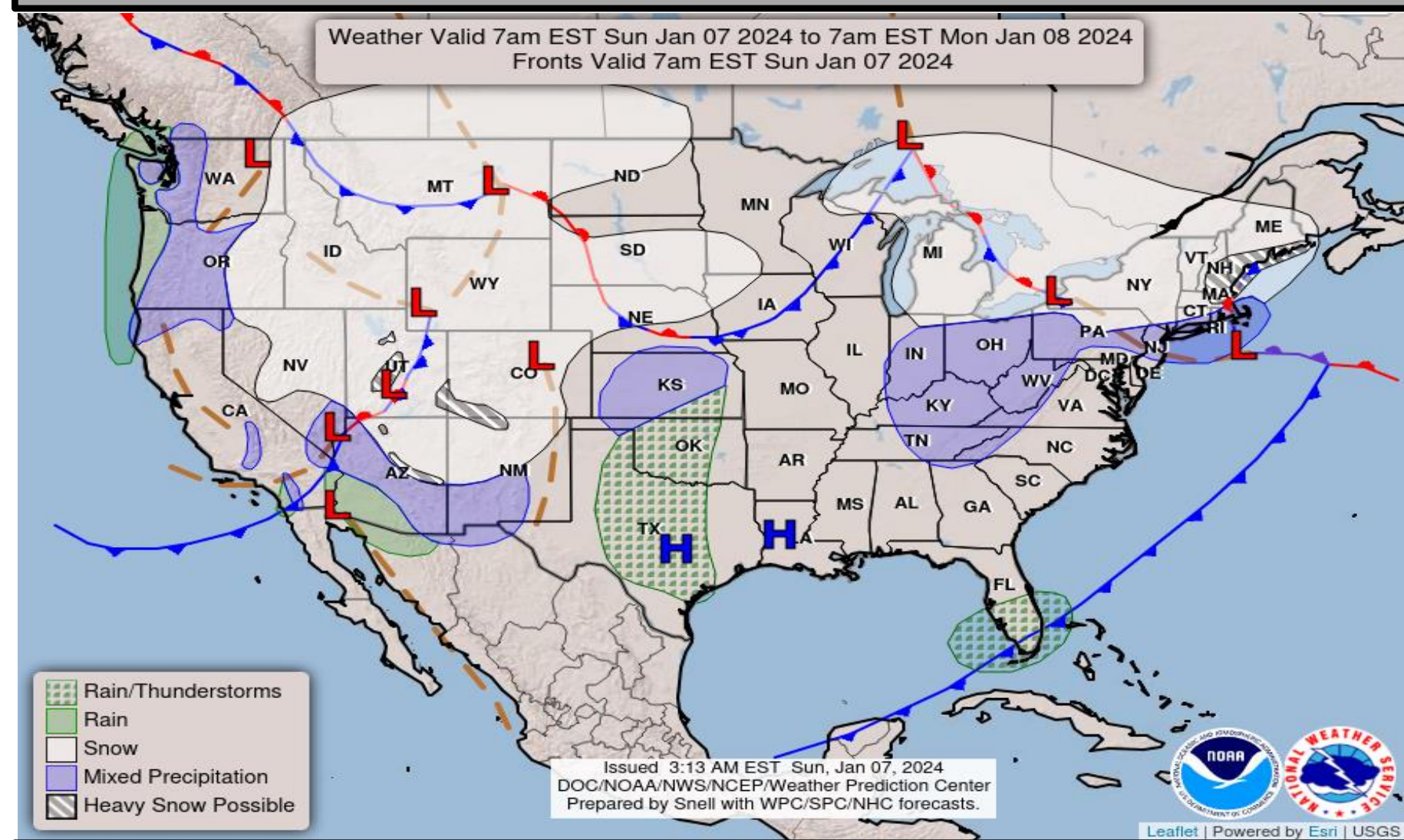
Monitoring for possible minor river flooding with the heavy rainfall in E TX through LA.

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

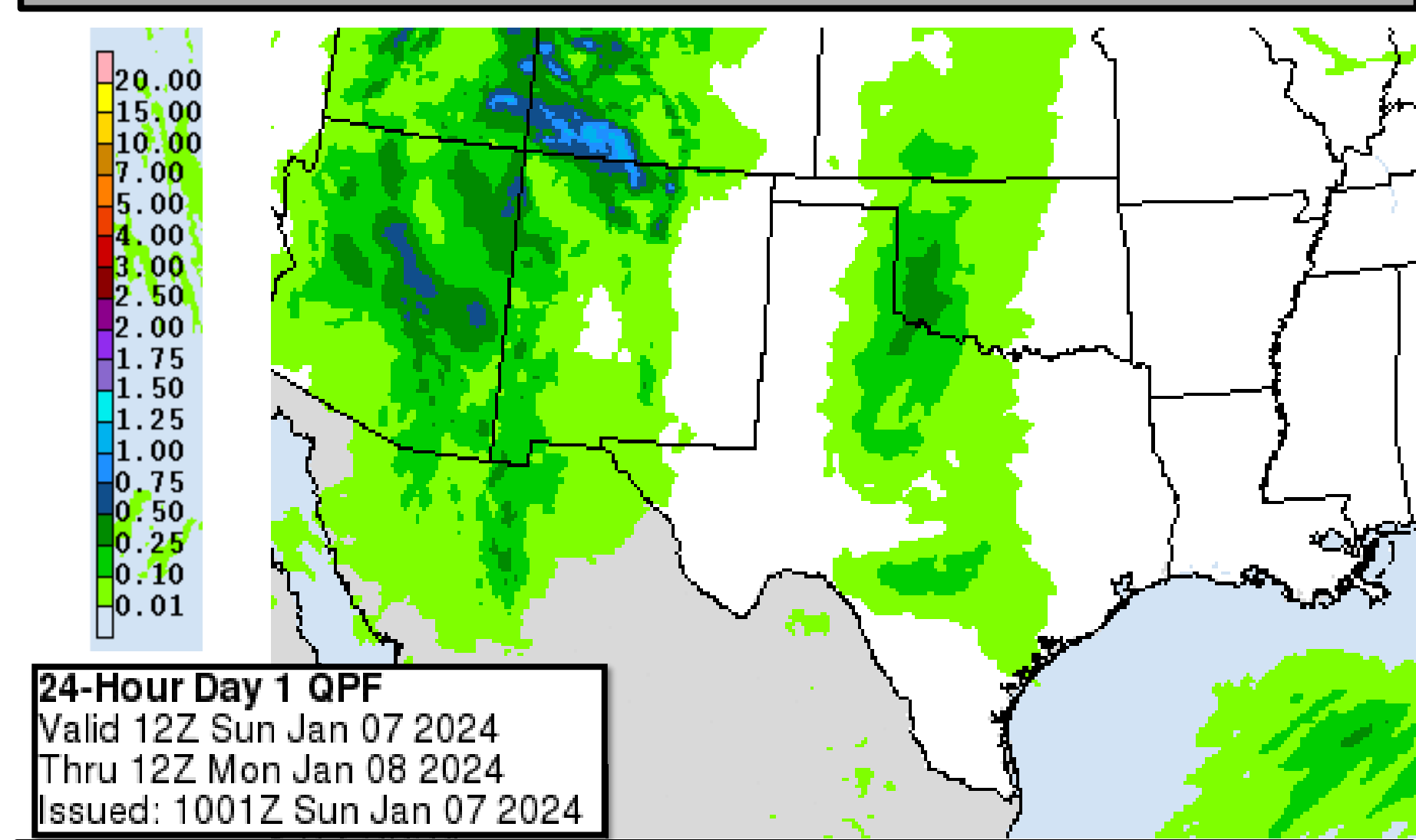


Today's Weather

Forecast Chart

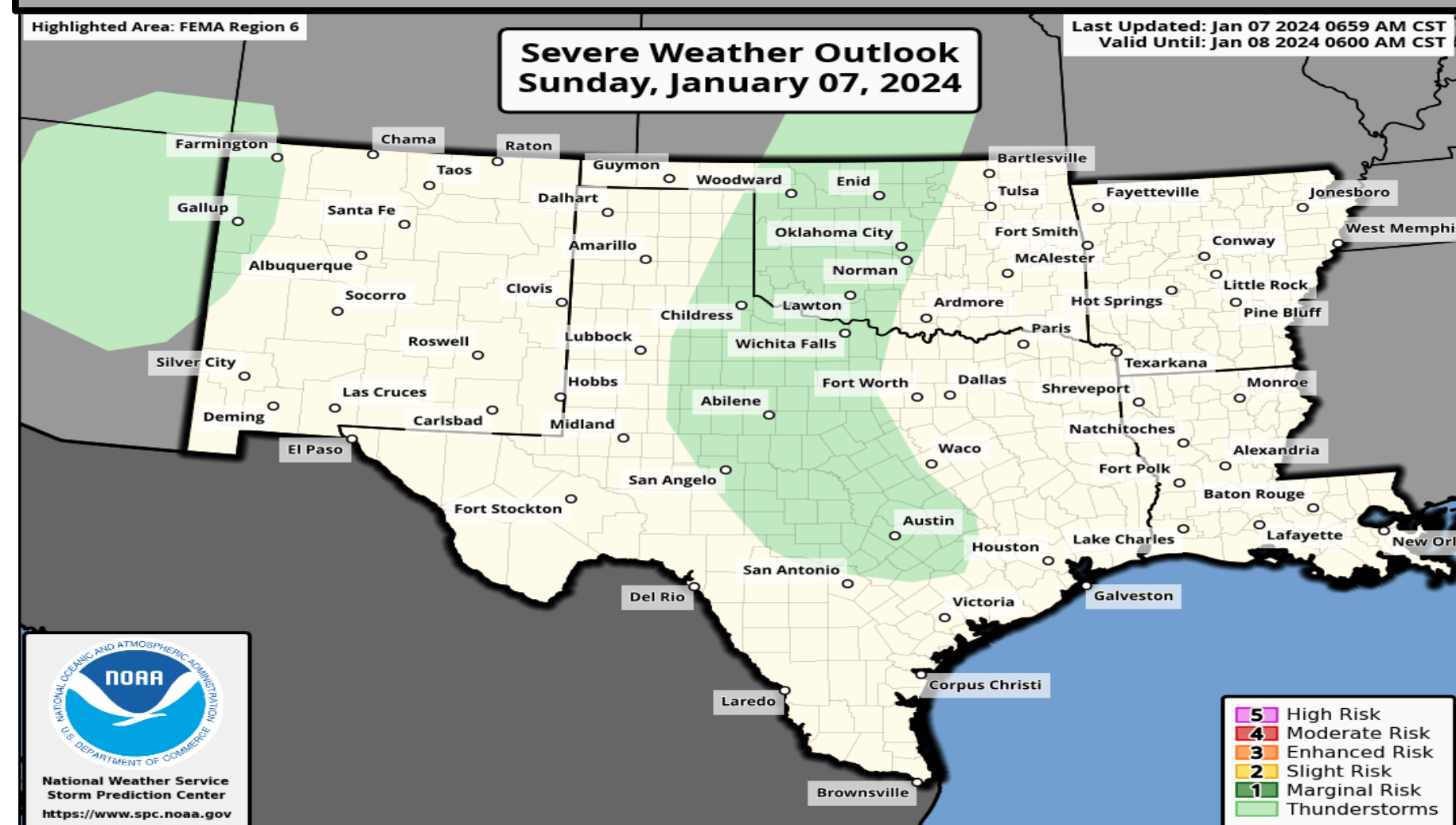


Forecast Rainfall

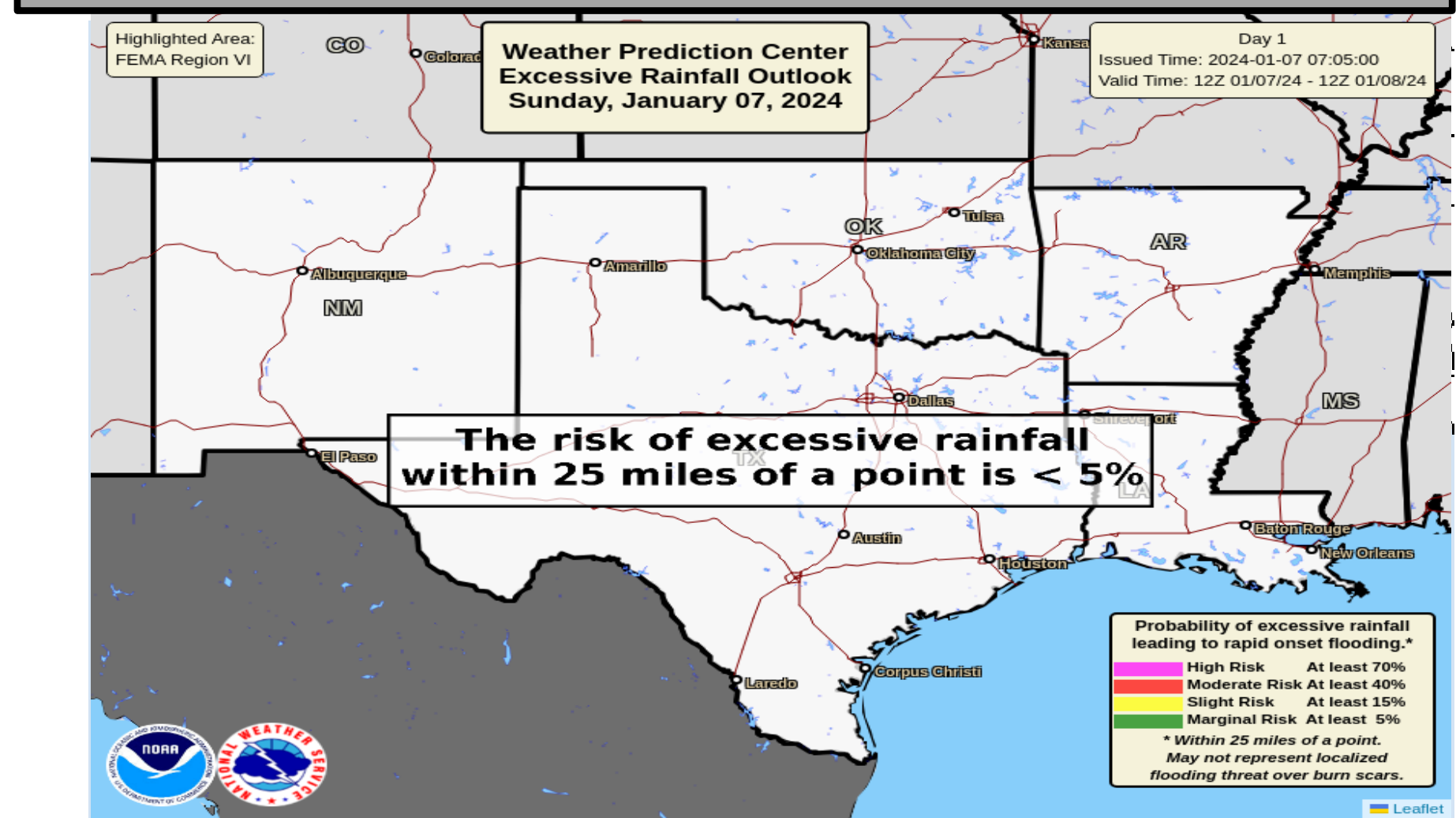


Snow expected in NM. Strong winds and colder temps may bring widespread heavy snow, low visibility, and dangerous wind chills.

Severe Weather Outlook

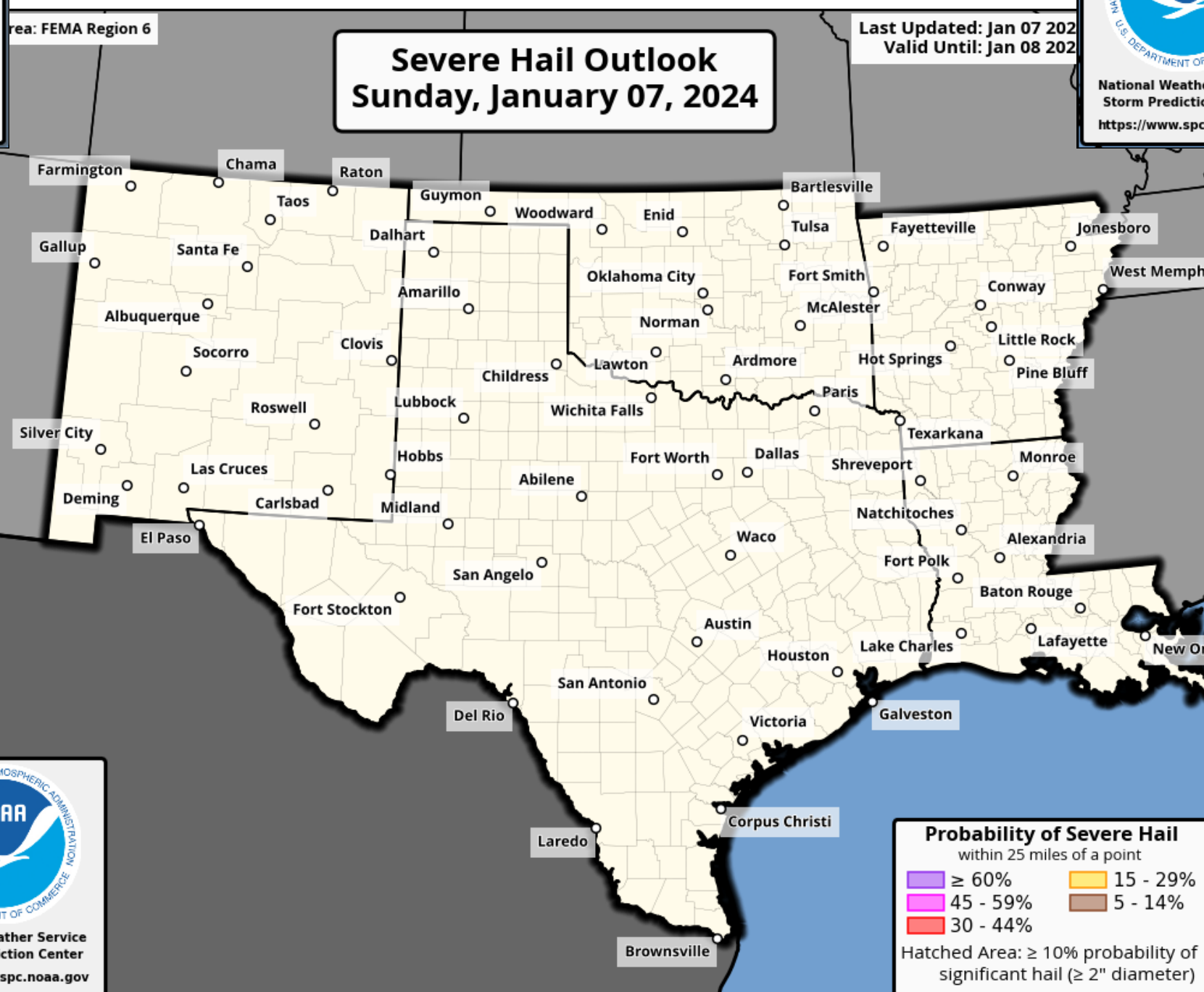
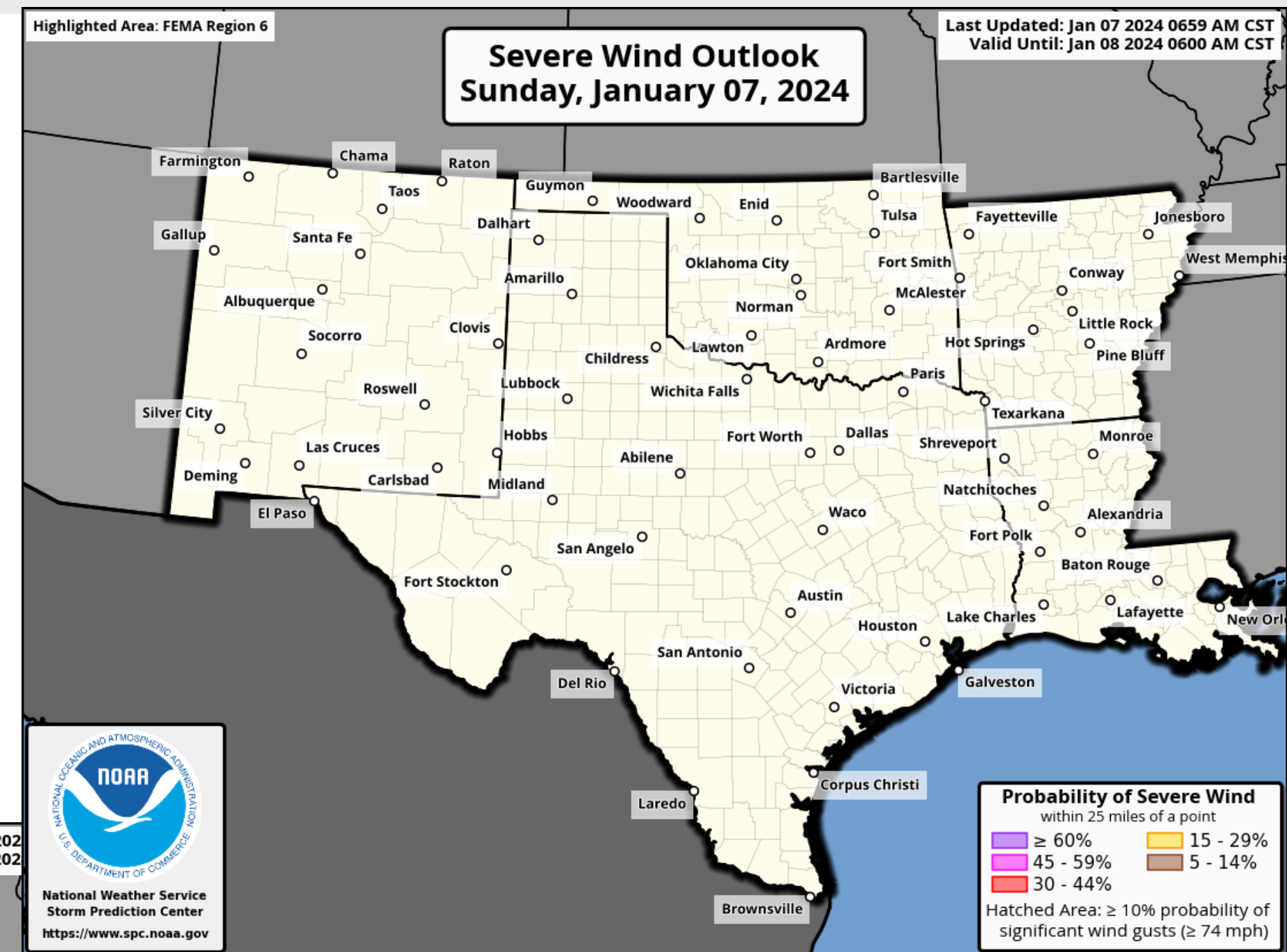
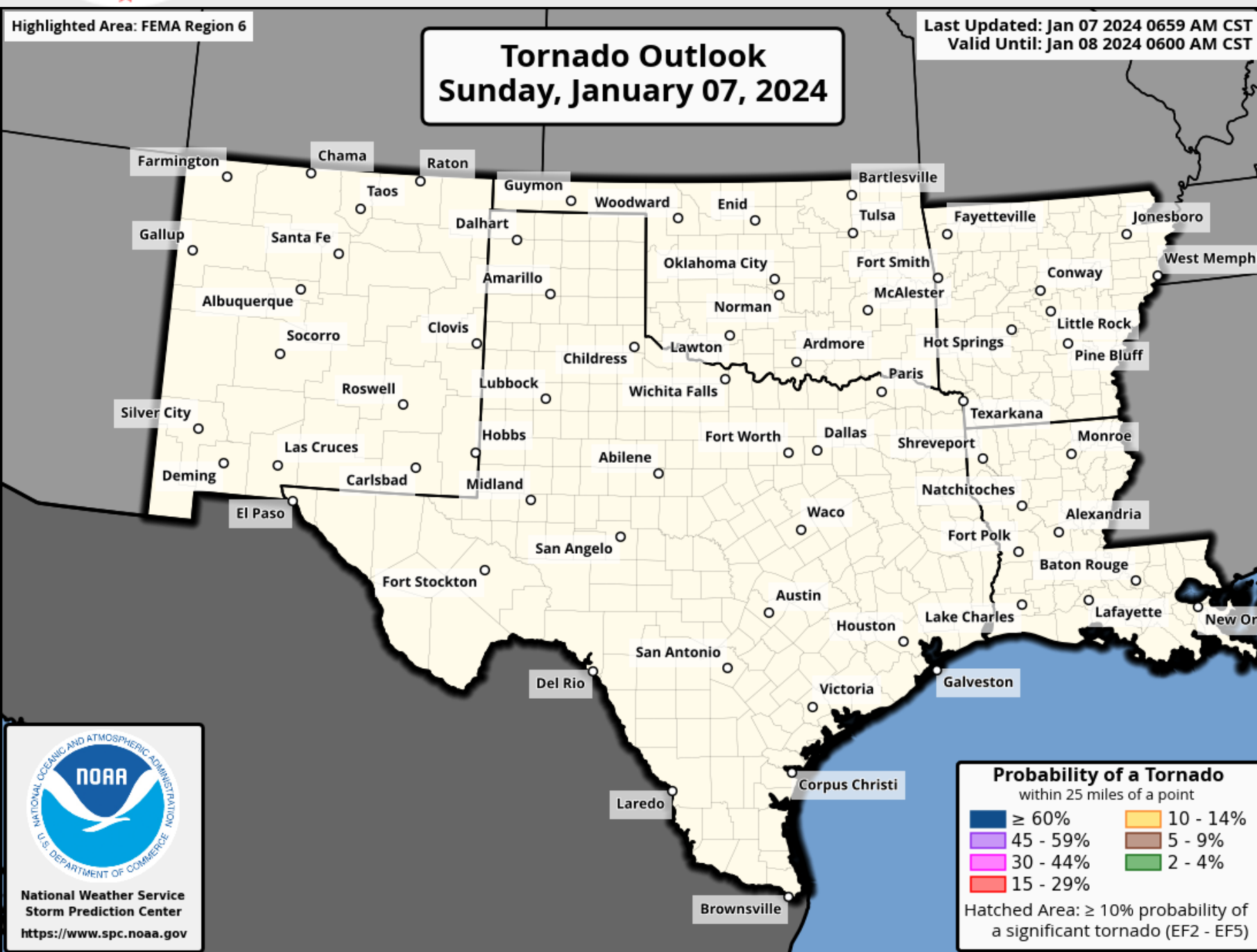


Excessive Rainfall Outlook



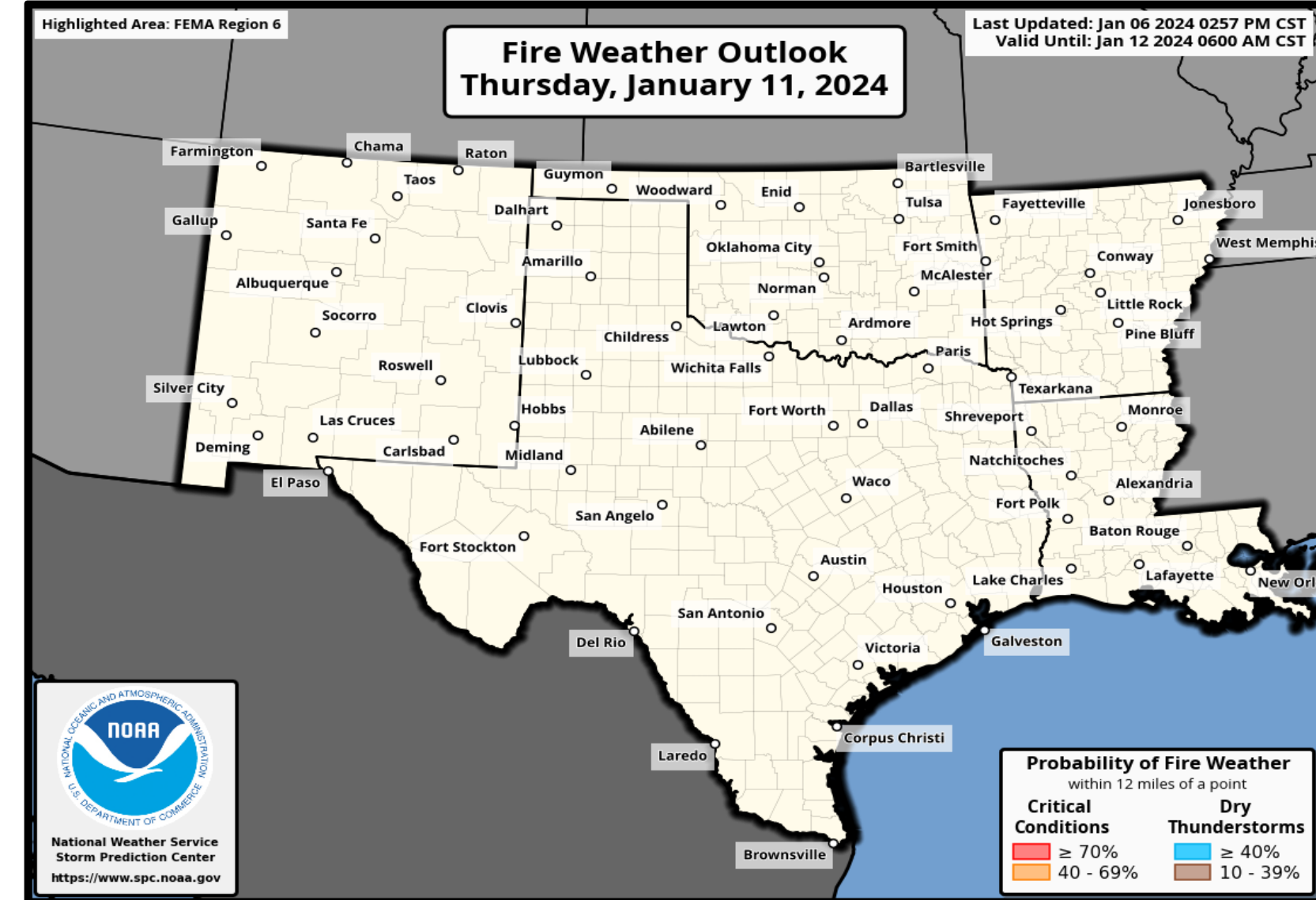
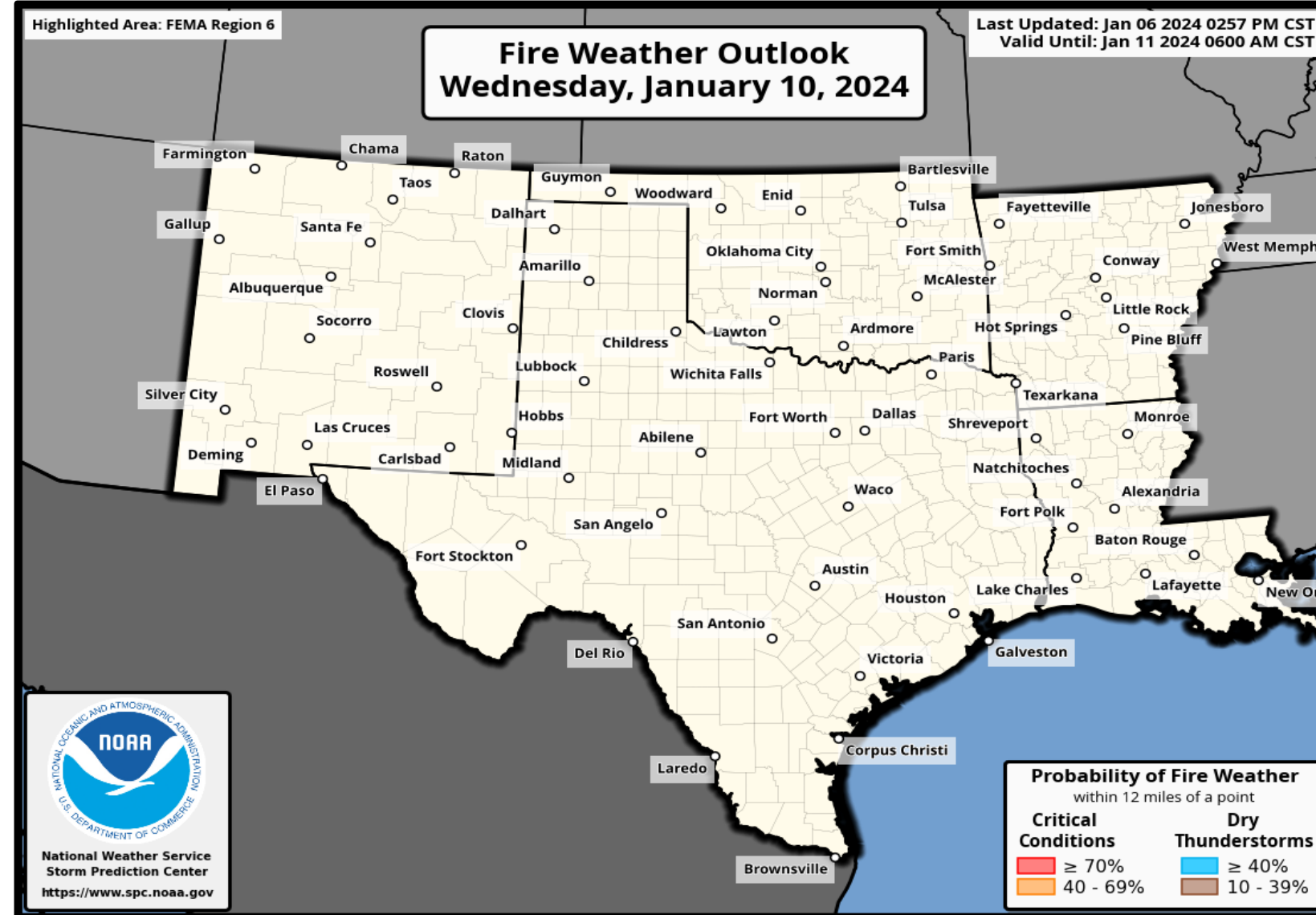
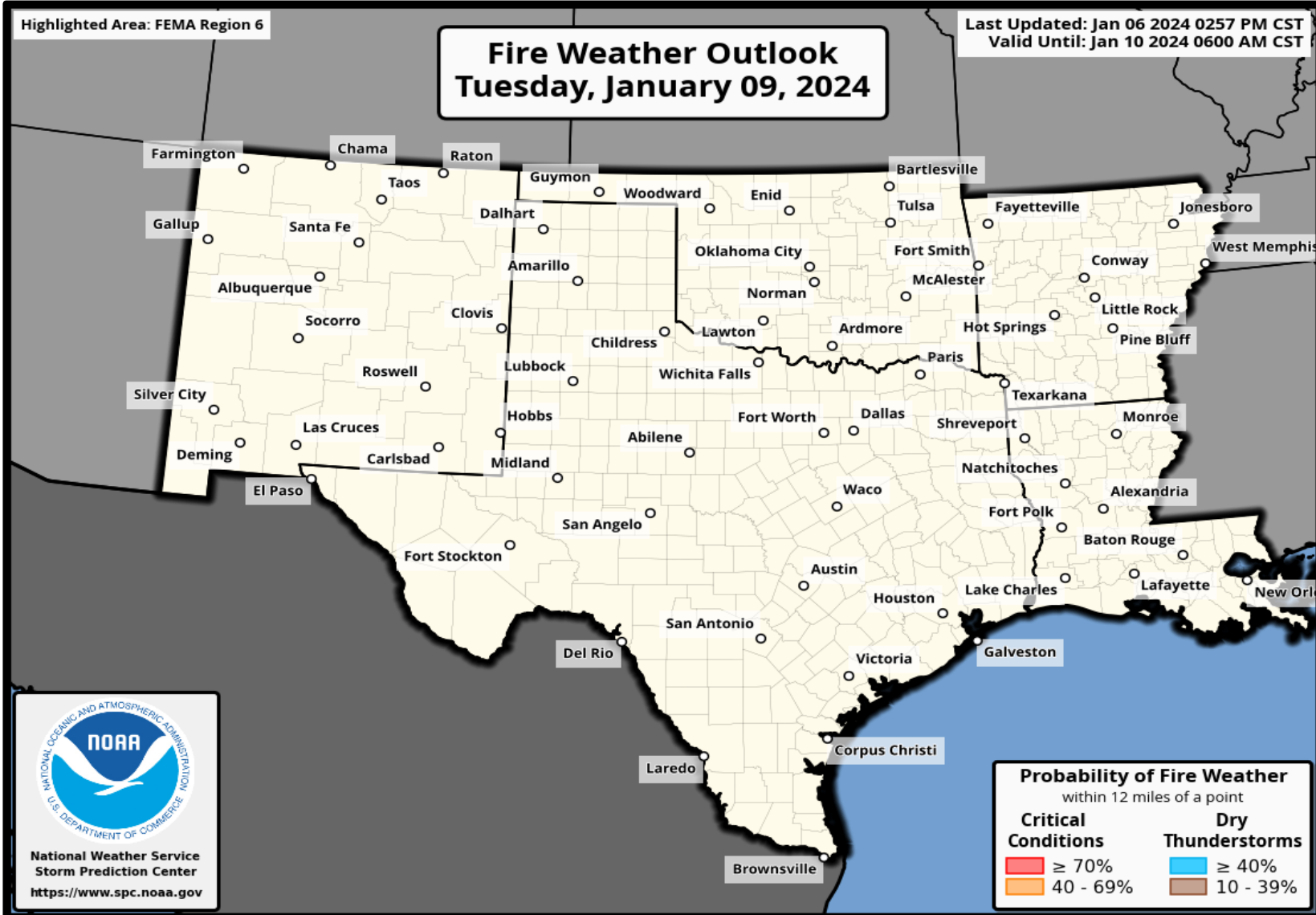
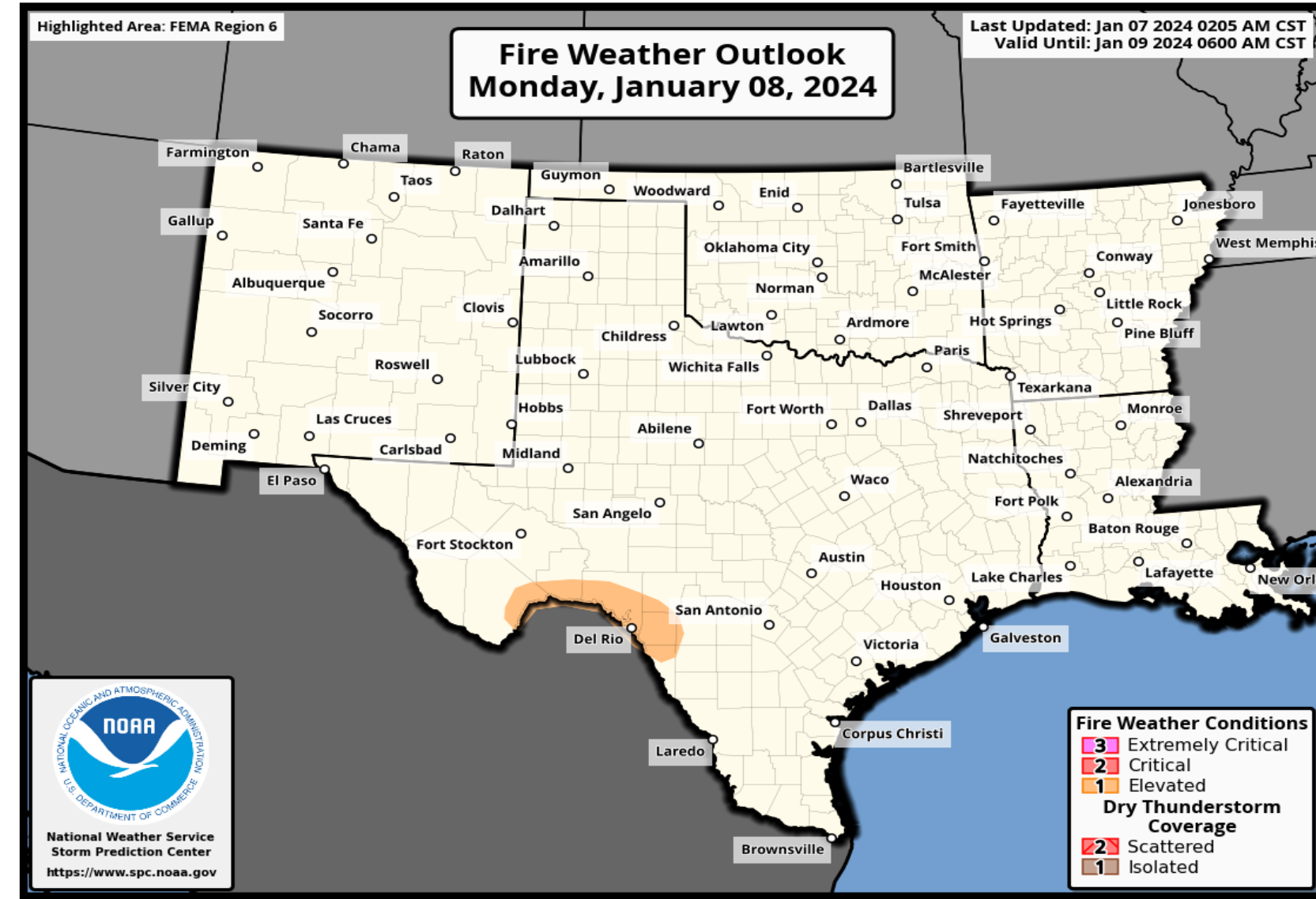
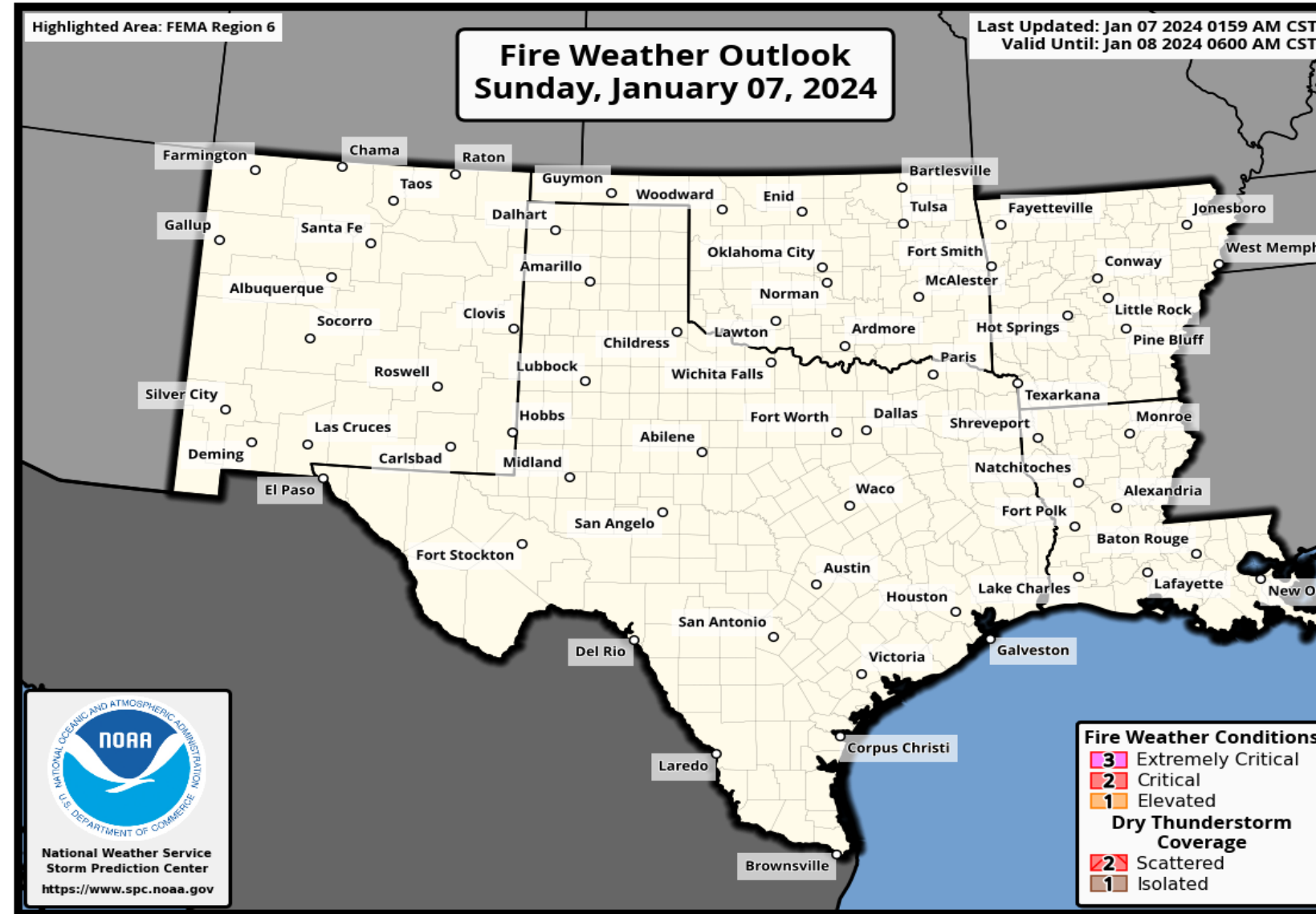
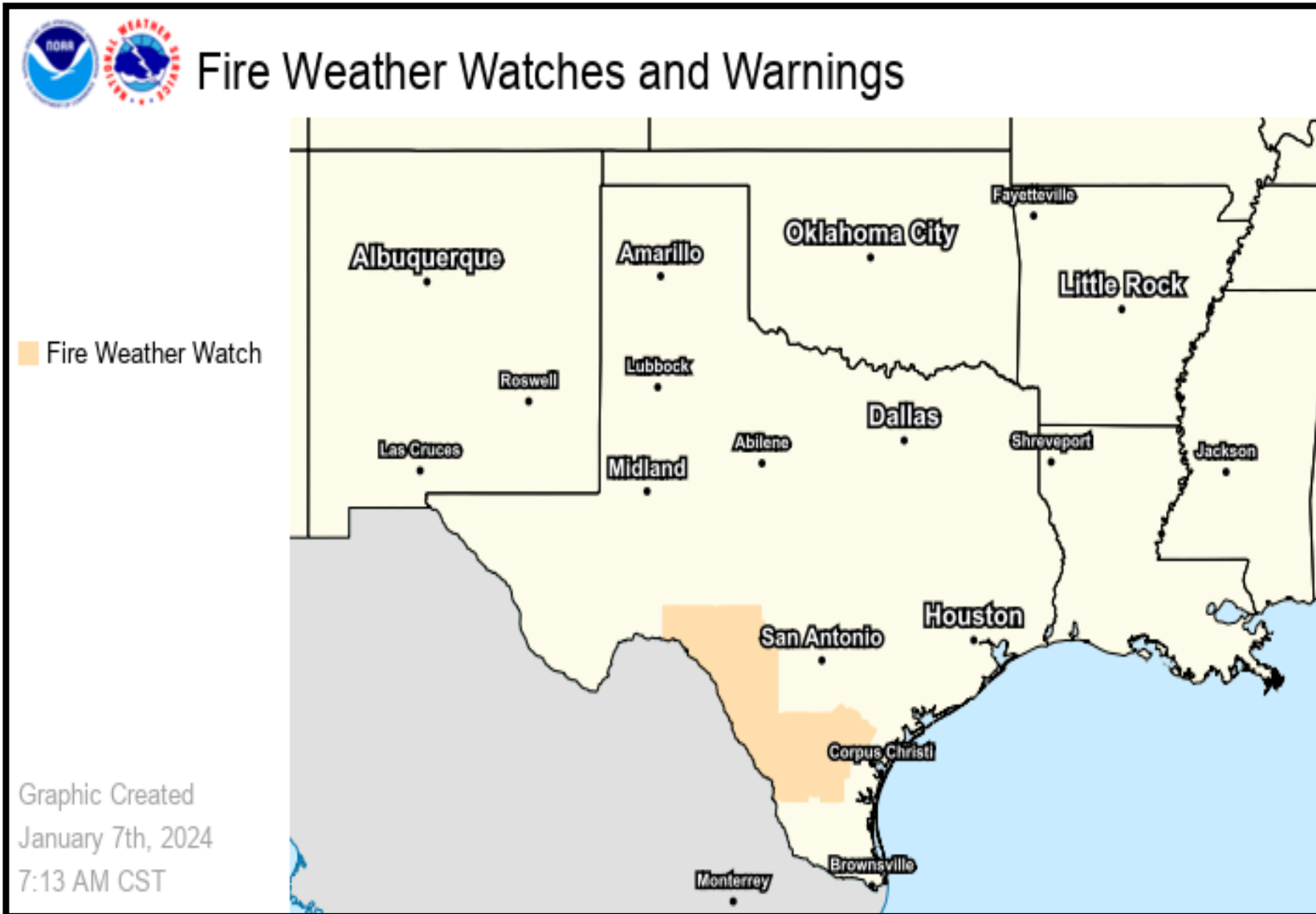


Today's Tornado & Severe Wind / Hail Probabilities





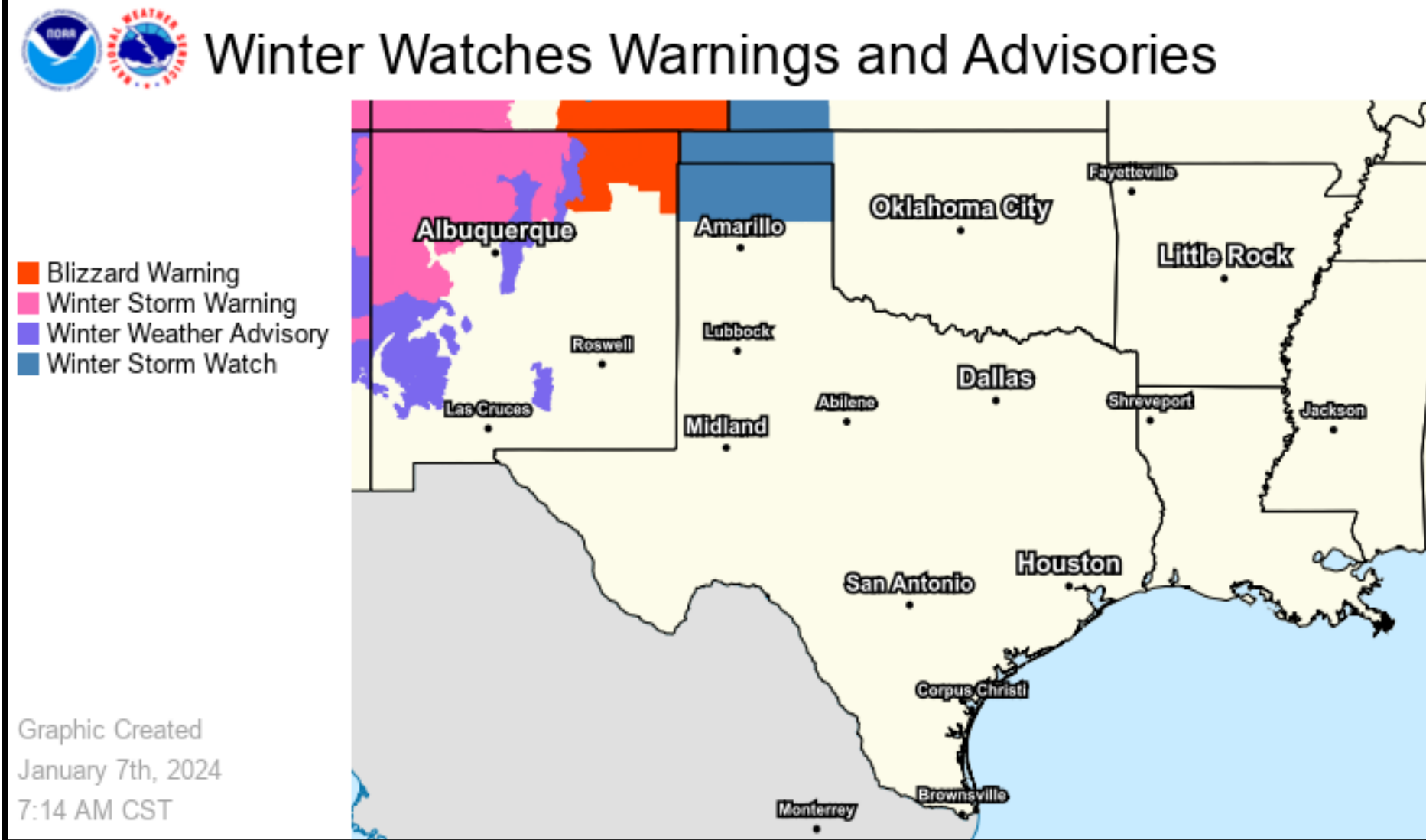
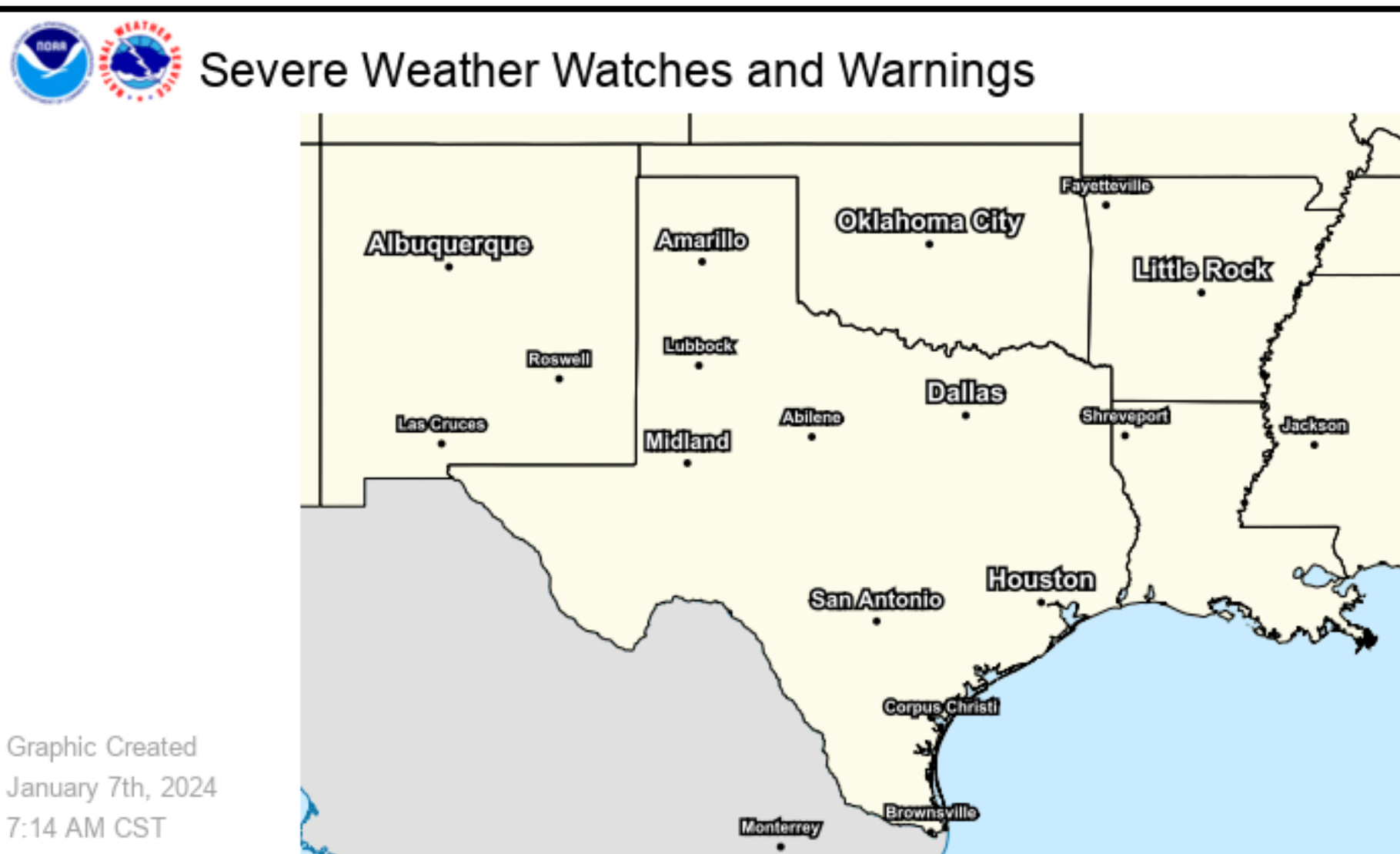
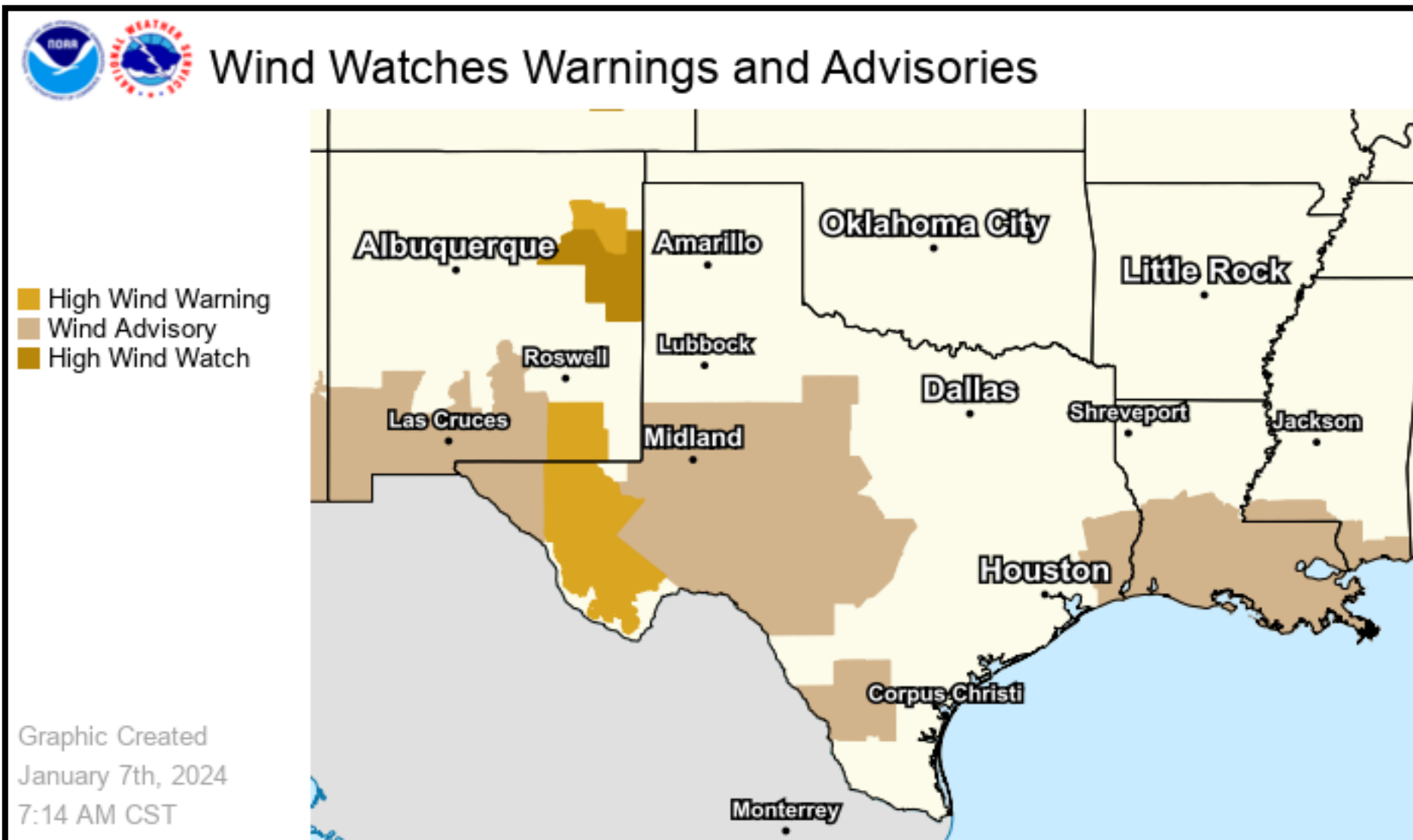
Fire Weather Outlooks





Watches, Warnings, and Advisories

Wind, Severe, Winter, and Flood Hazards



Blizzard Warnings, Winter Storm Warnings, Winter Weather Advisories in effect through Tuesday morning for NM.

Flood Watch in effect for SE LA Monday afternoon through Tuesday morning.

Winter Storm Watch in effect for NM, TX/OK Panhandles Sunday night through Tuesday morning.

High Wind Warning in effect for SE NM/W TX through Tuesday morning and a Wind Advisory for S NM, W TX, S LA on Sunday night and Monday.



Winter Weather

Sunday - Tuesday

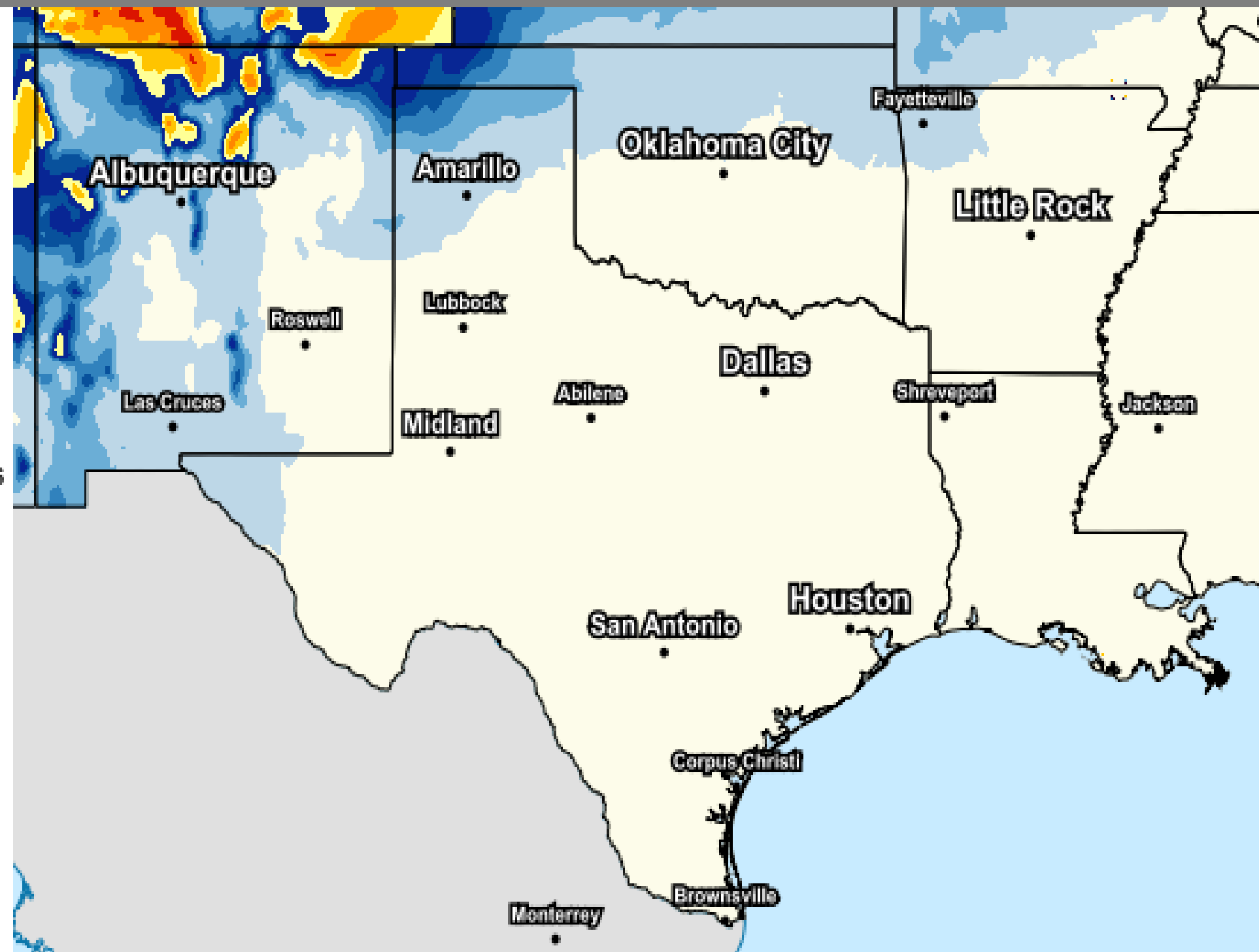
Forecast Snow Amounts



Forecast Snowfall

Valid Ending Wednesday January 10th, 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 7th, 2024
6:21 AM CST

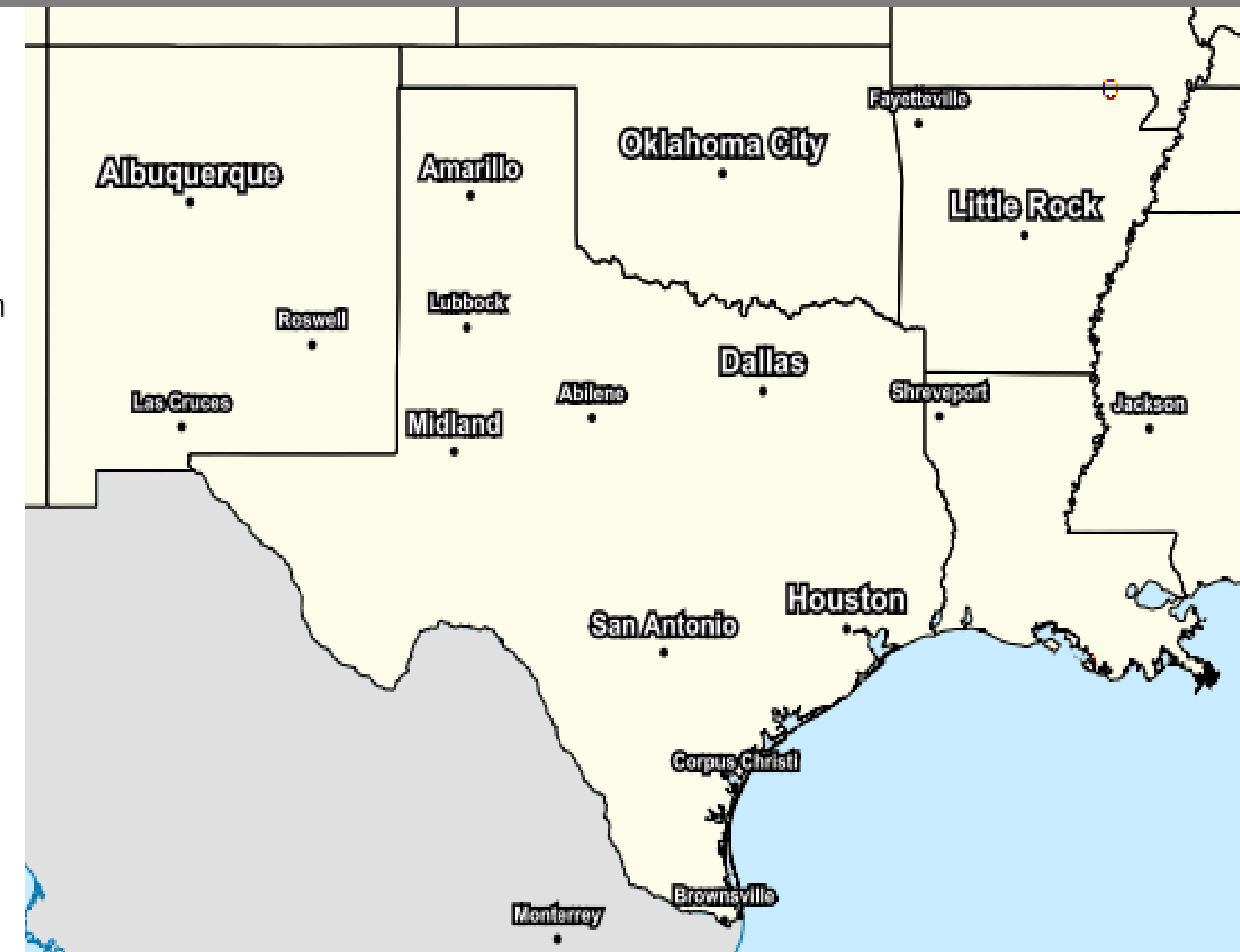
Forecast Ice Amounts



Ice Accumulation Forecast

Valid Ending Wednesday January 10th, 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

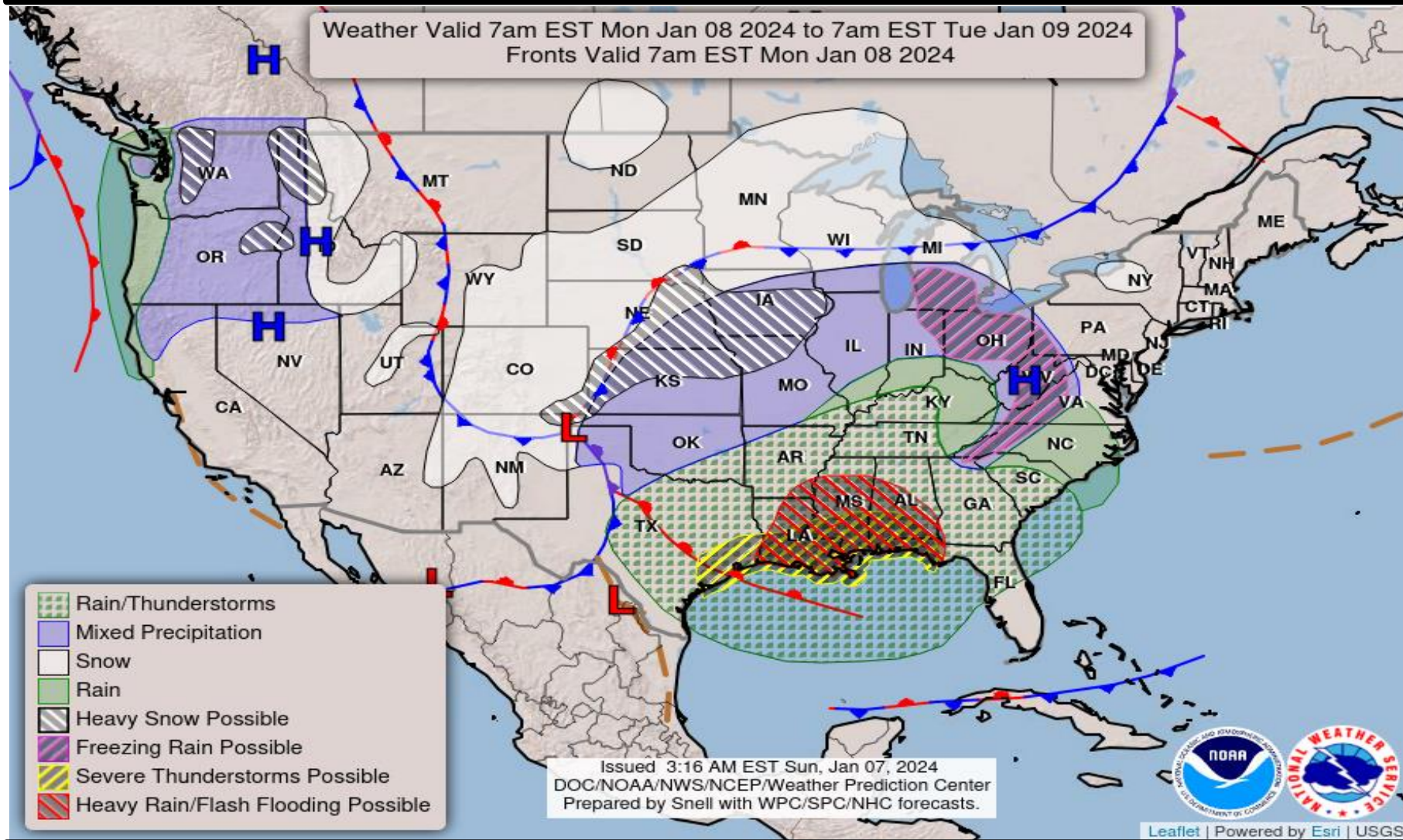


Graphic Created
January 7th, 2024
6:22 AM CST

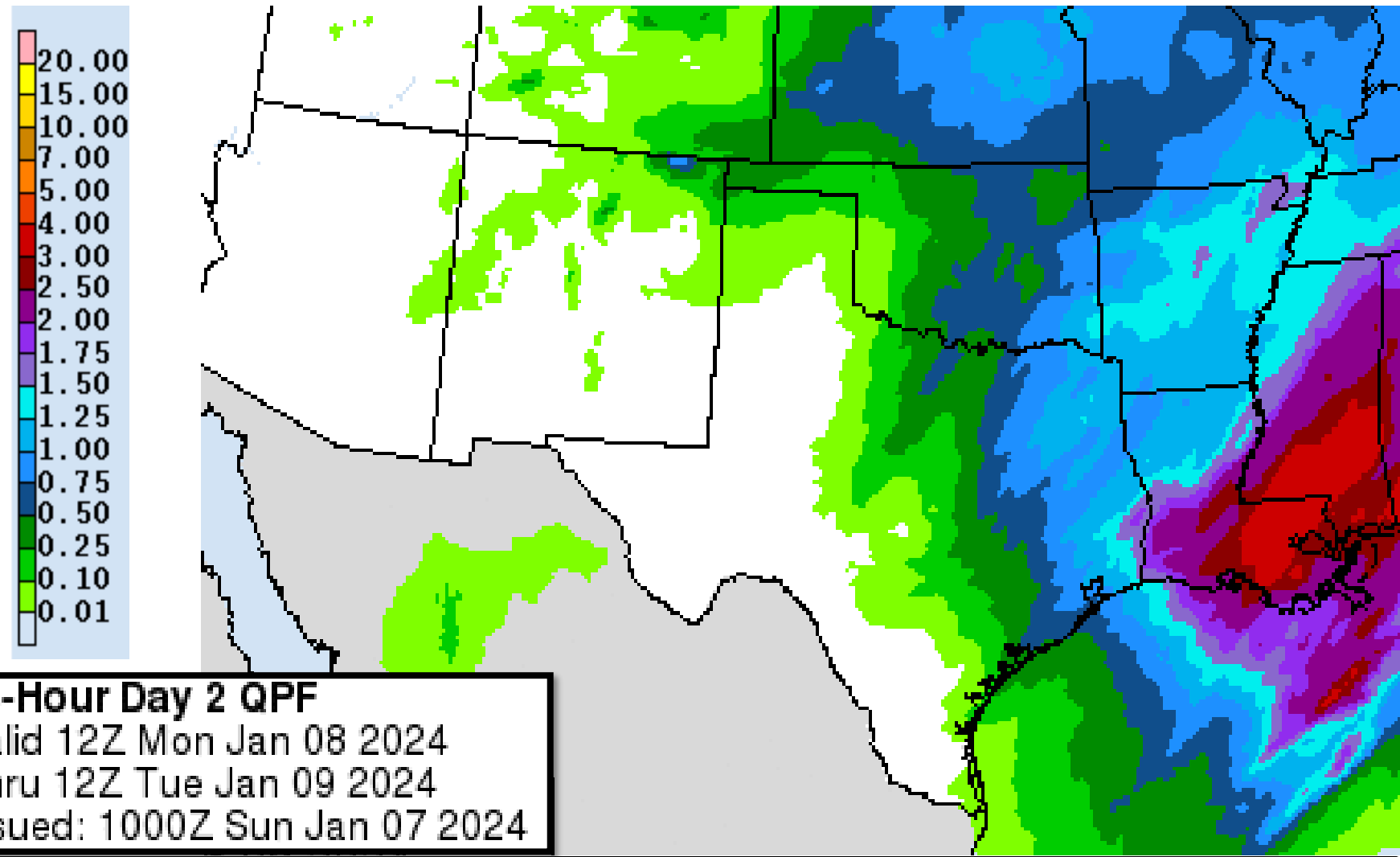


Tomorrow's Weather

Forecast Chart



Forecast Rainfall



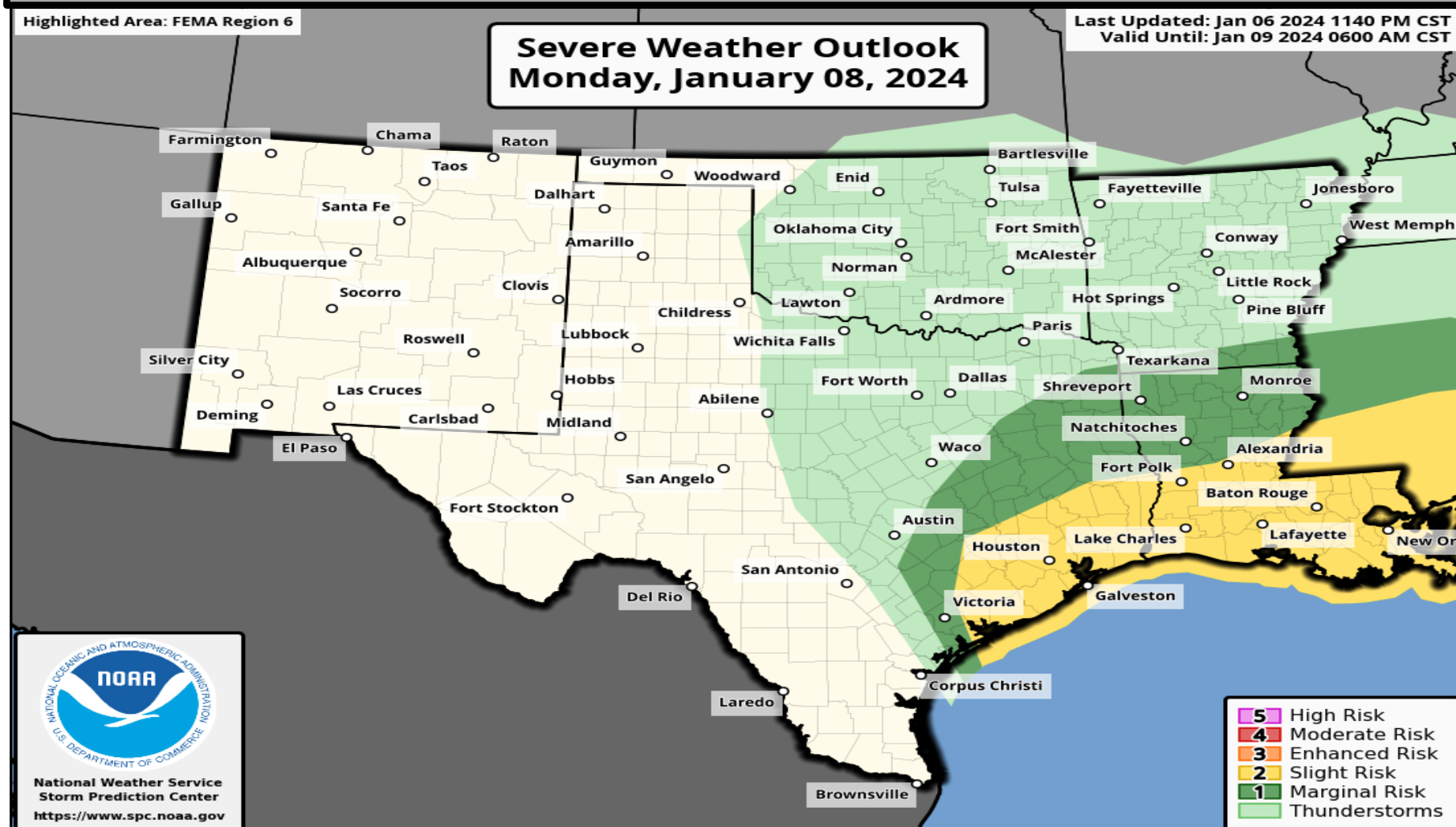
Moderate risk for heavy rainfall/flash flooding over SE LA.

Snow, strong winds, and cold temps in NM and expand into TX Panhandle, and OK.

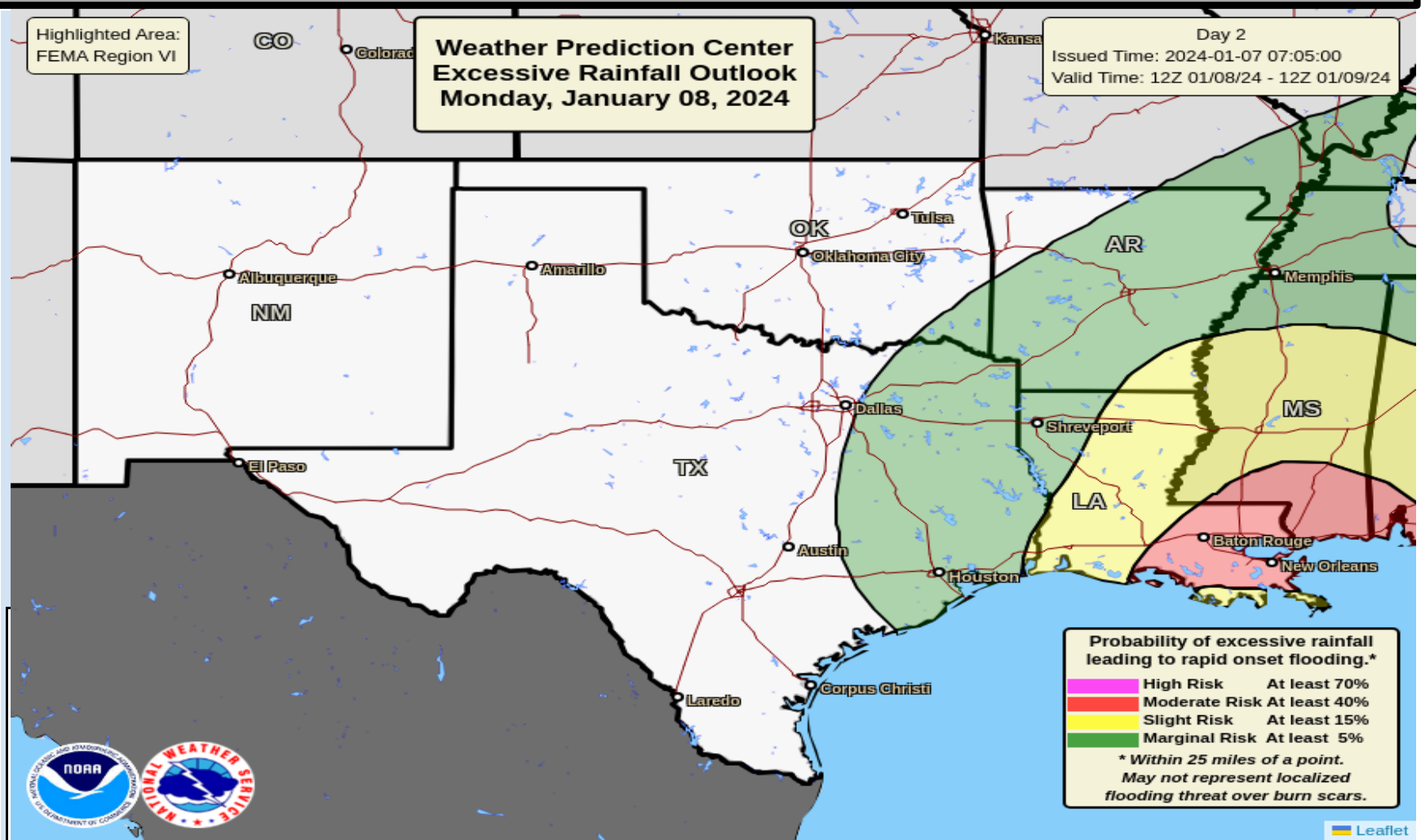
Slight risk for severe storms in SETX and LA. Damaging winds/hail/isolated tornadoes possible.

Elevated to critical wildland fire threat over W, S TX due to gusty winds and low relative humidity.

Severe Weather Outlook

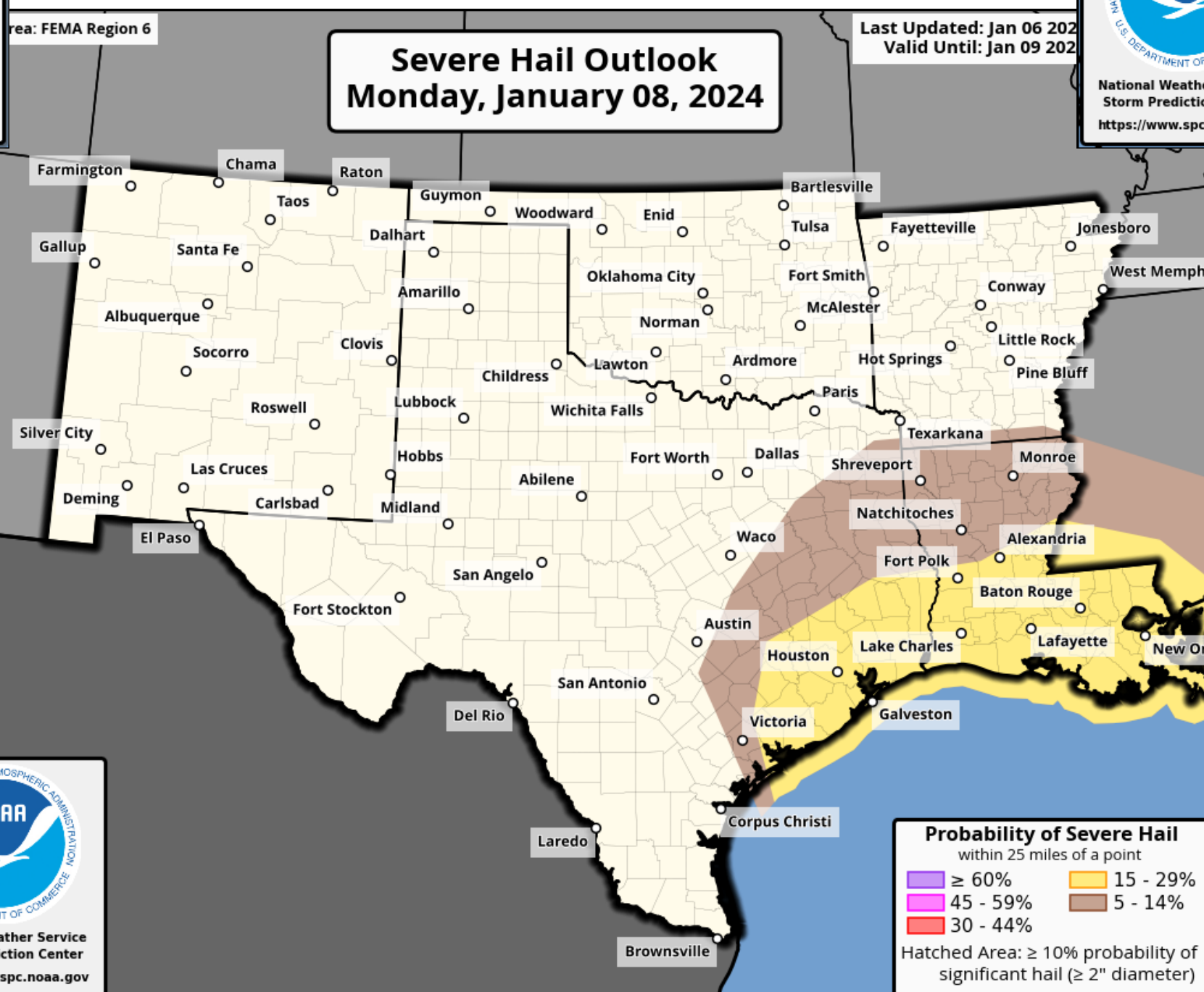
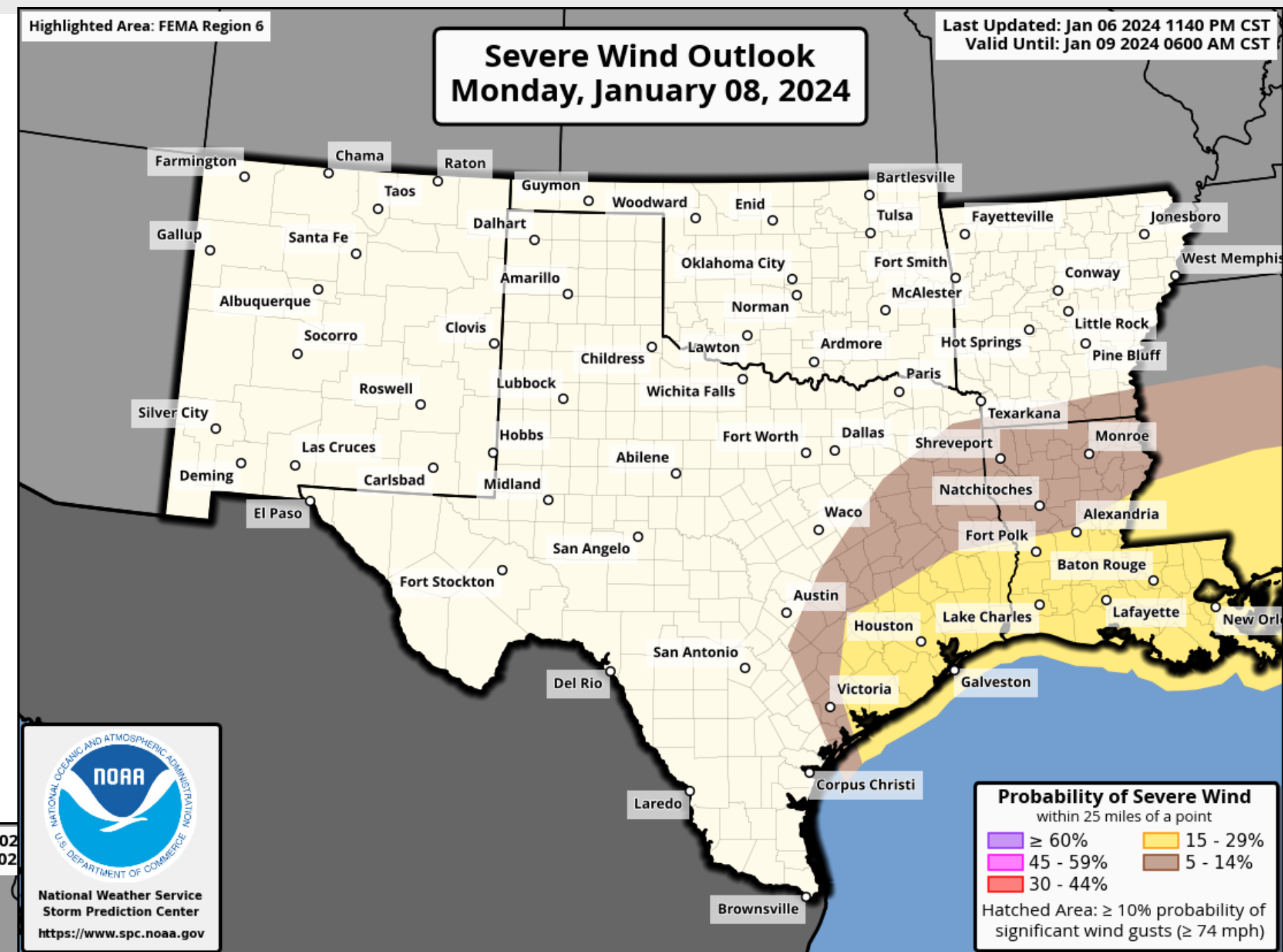
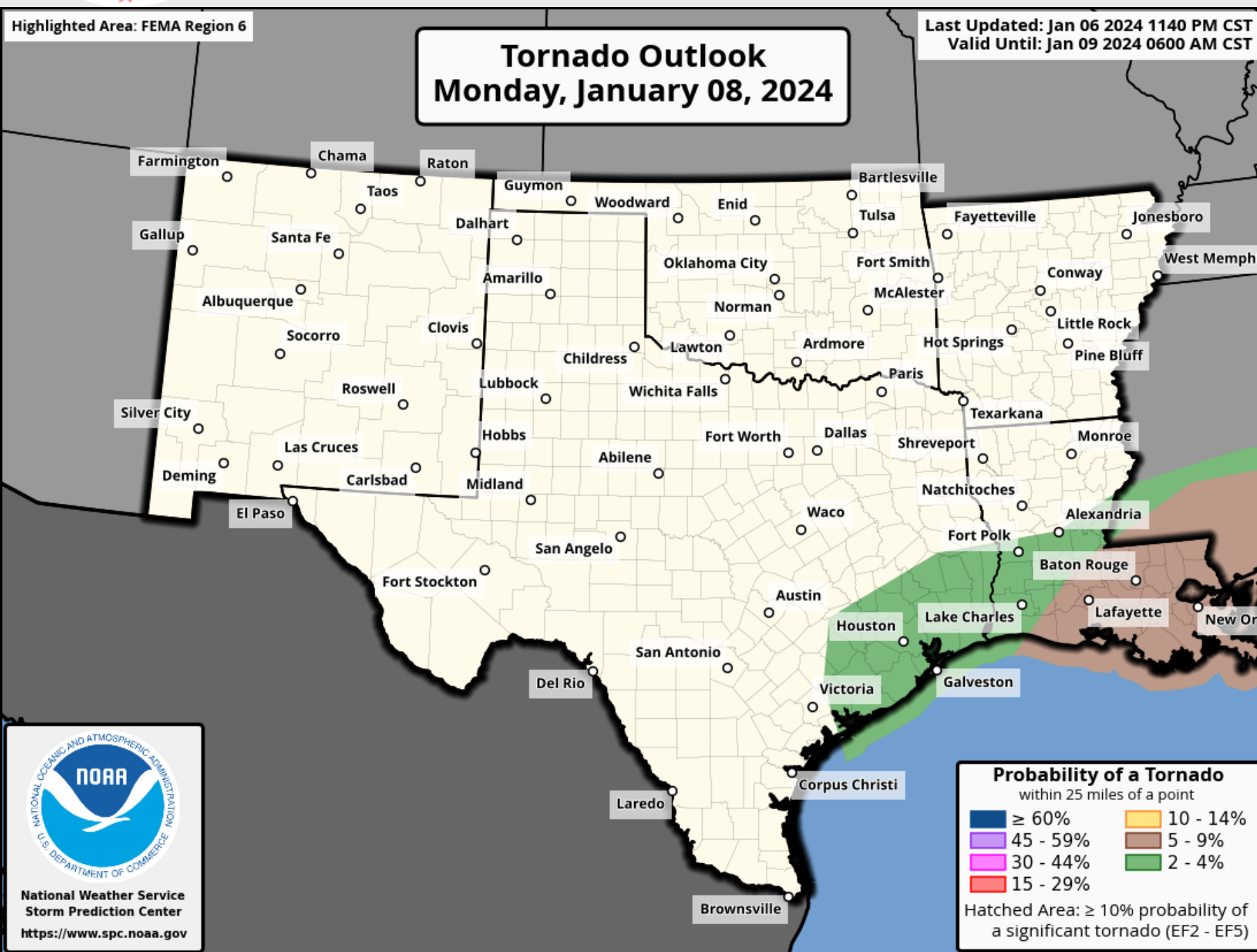


Excessive Rainfall Outlook





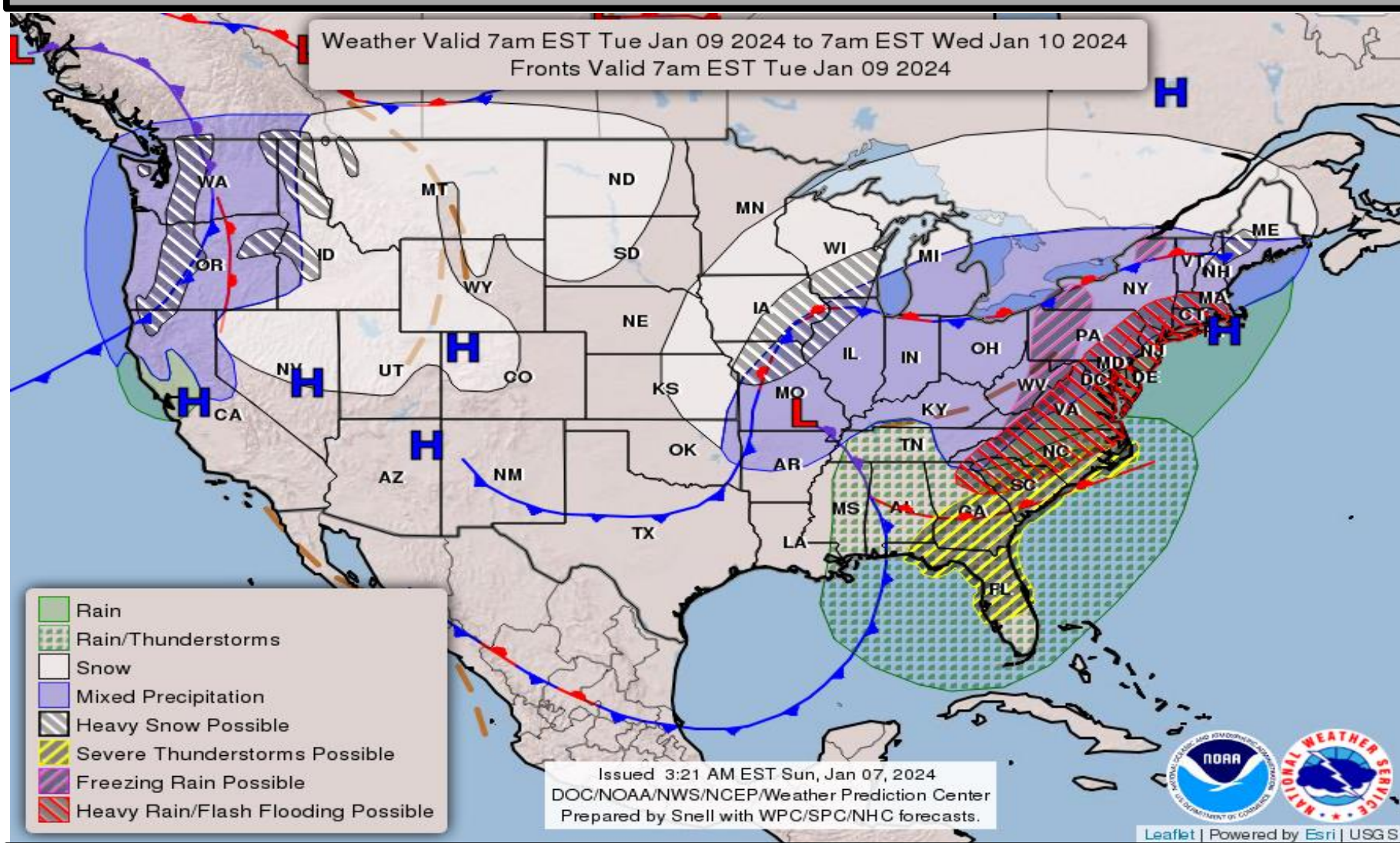
Tomorrow's Tornado & Severe Wind / Hail Probabilities



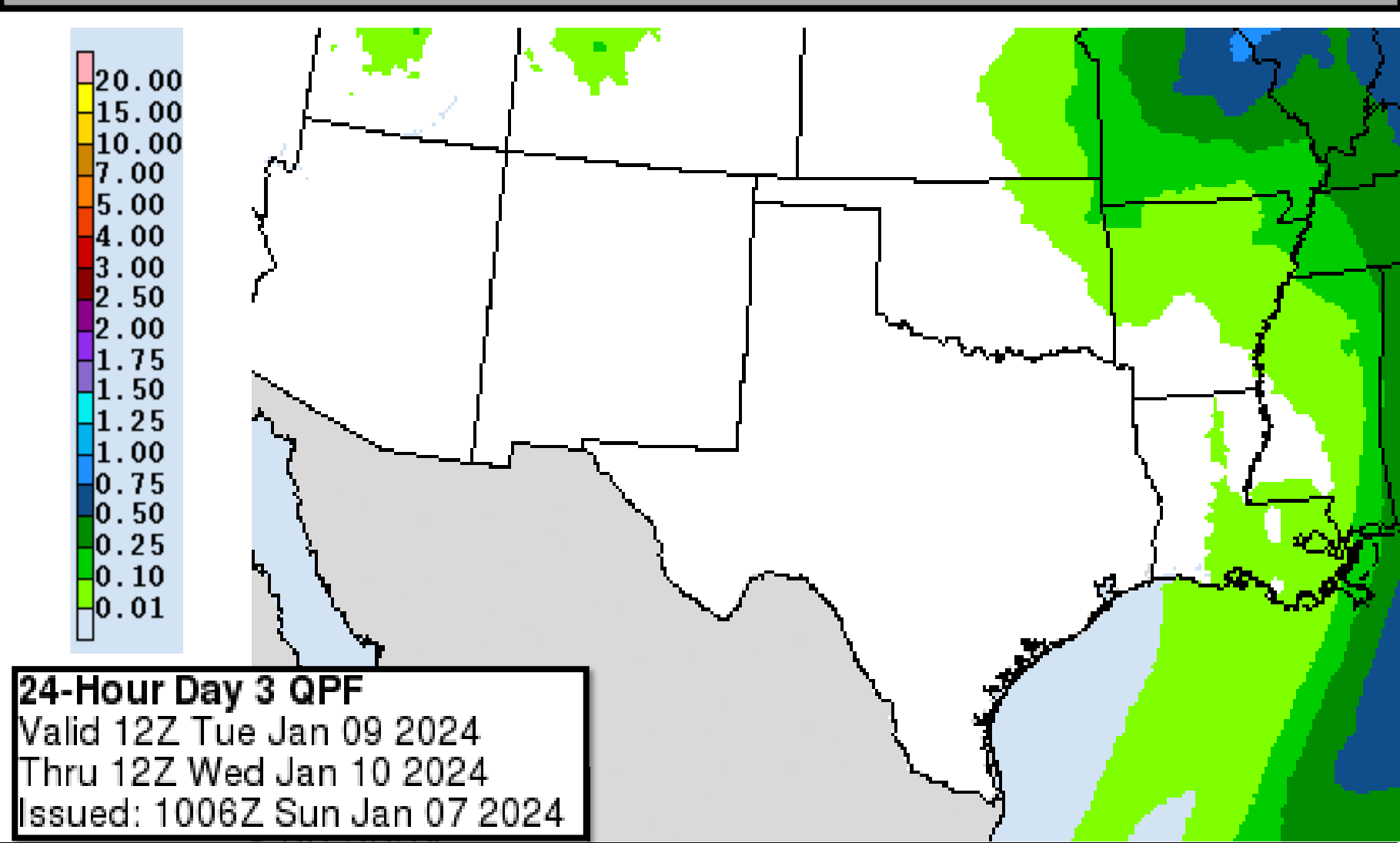


Tuesday's Weather

Forecast Chart



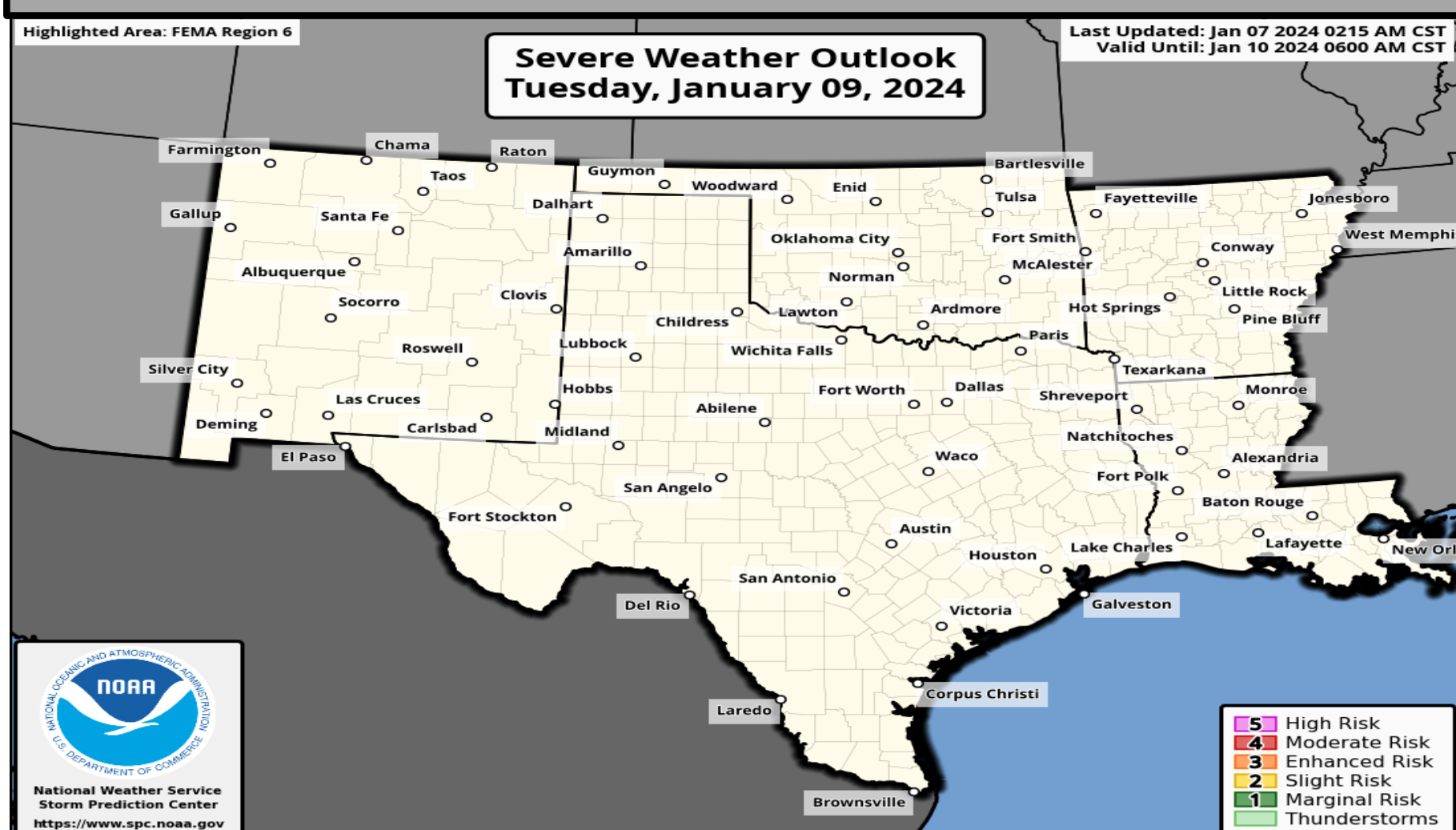
Forecast Rainfall



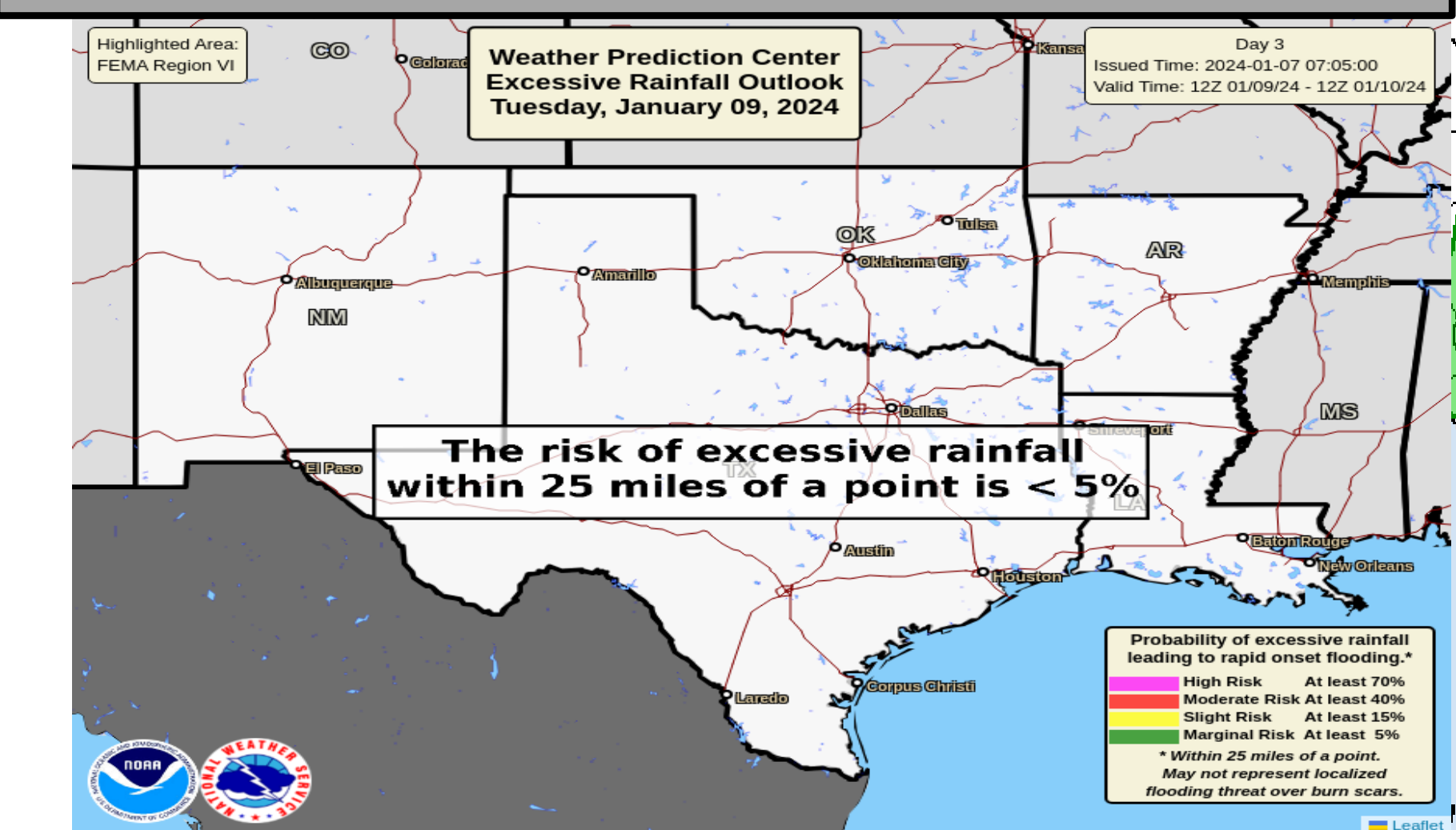
Frigid temperatures, light snow/gusty winds over TX/OK Panhandles, N OK, NW AR on Tuesday morning.

Elevated to critical wildland fire threat over STX due to gusty winds and low relative humidity.

Severe Weather Outlook



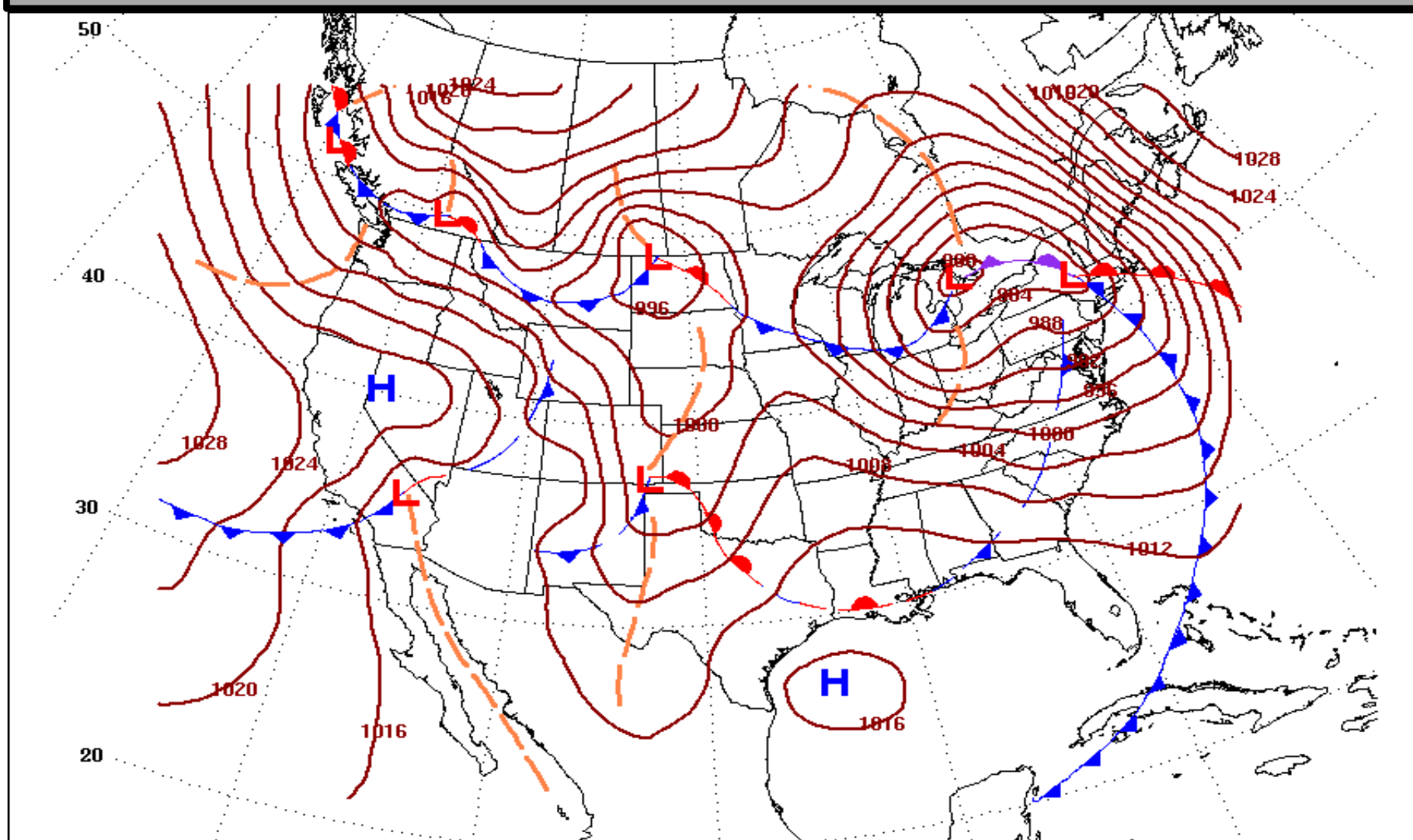
Excessive Rainfall Outlook



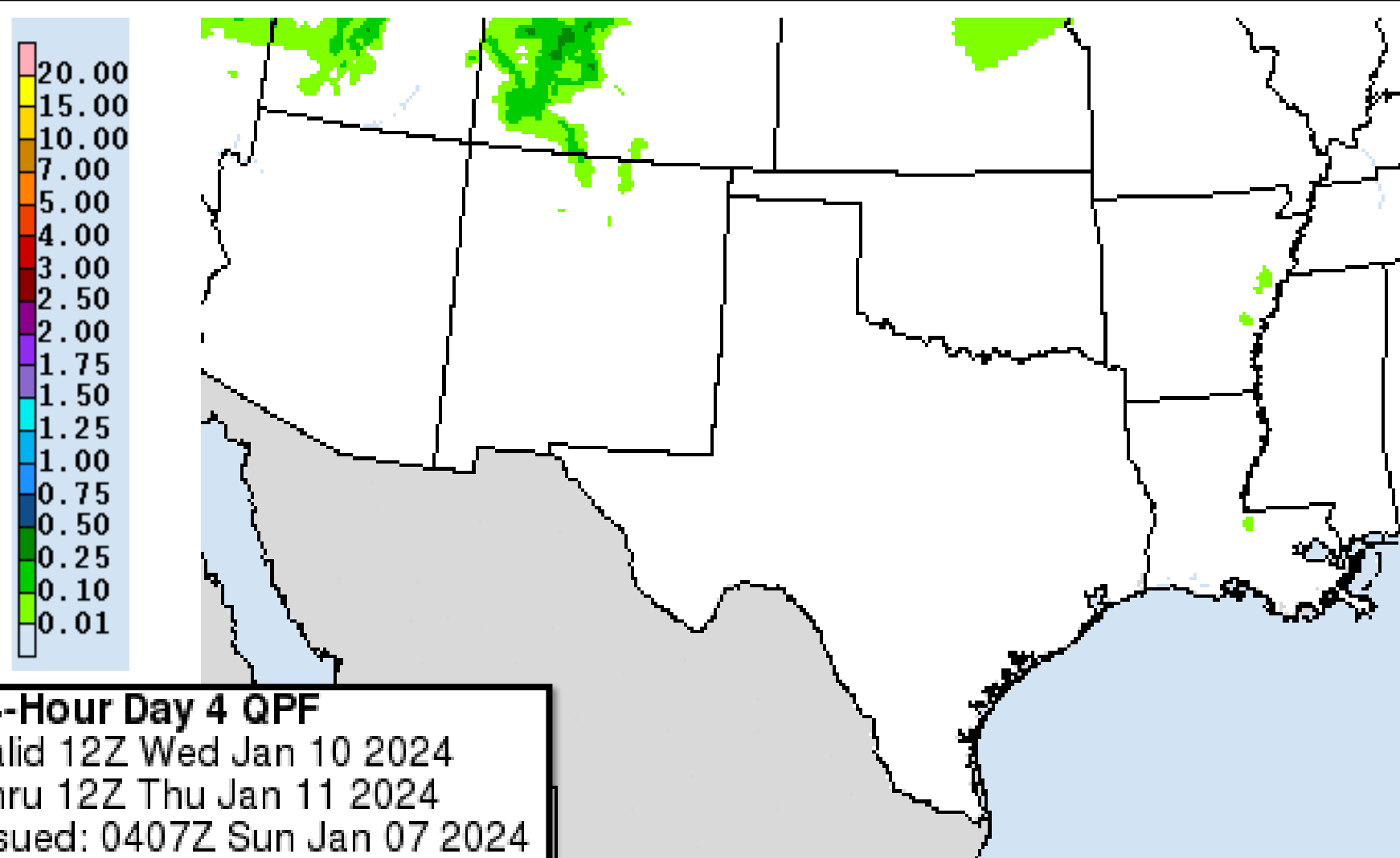


Wednesday's Weather

Forecast Chart



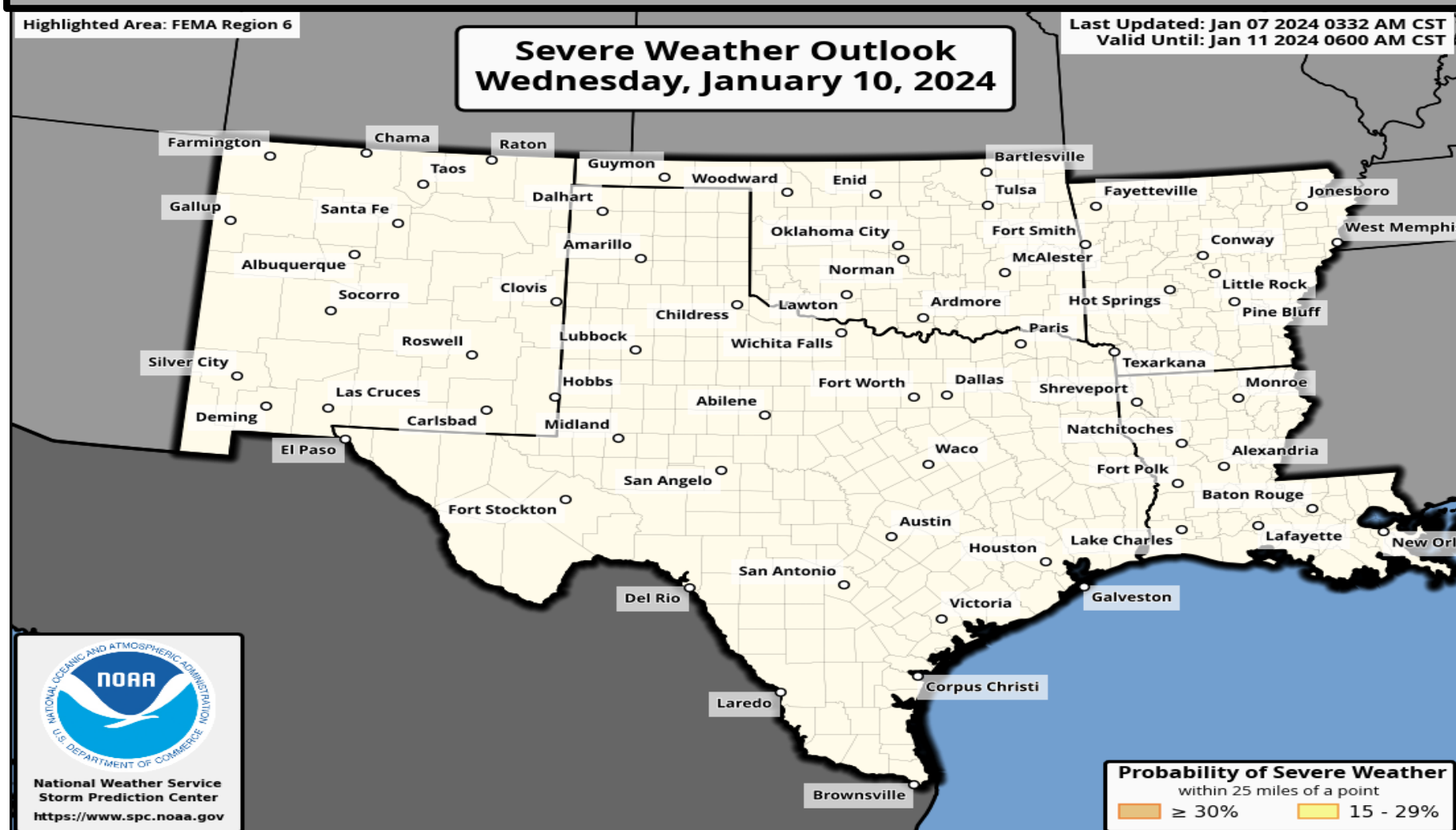
Forecast Rainfall



No significant weather expected.

24-Hour Day 4 QPF
Valid 12Z Wed Jan 10 2024
Thru 12Z Thu Jan 11 2024
Issued: 0407Z Sun Jan 07 2024

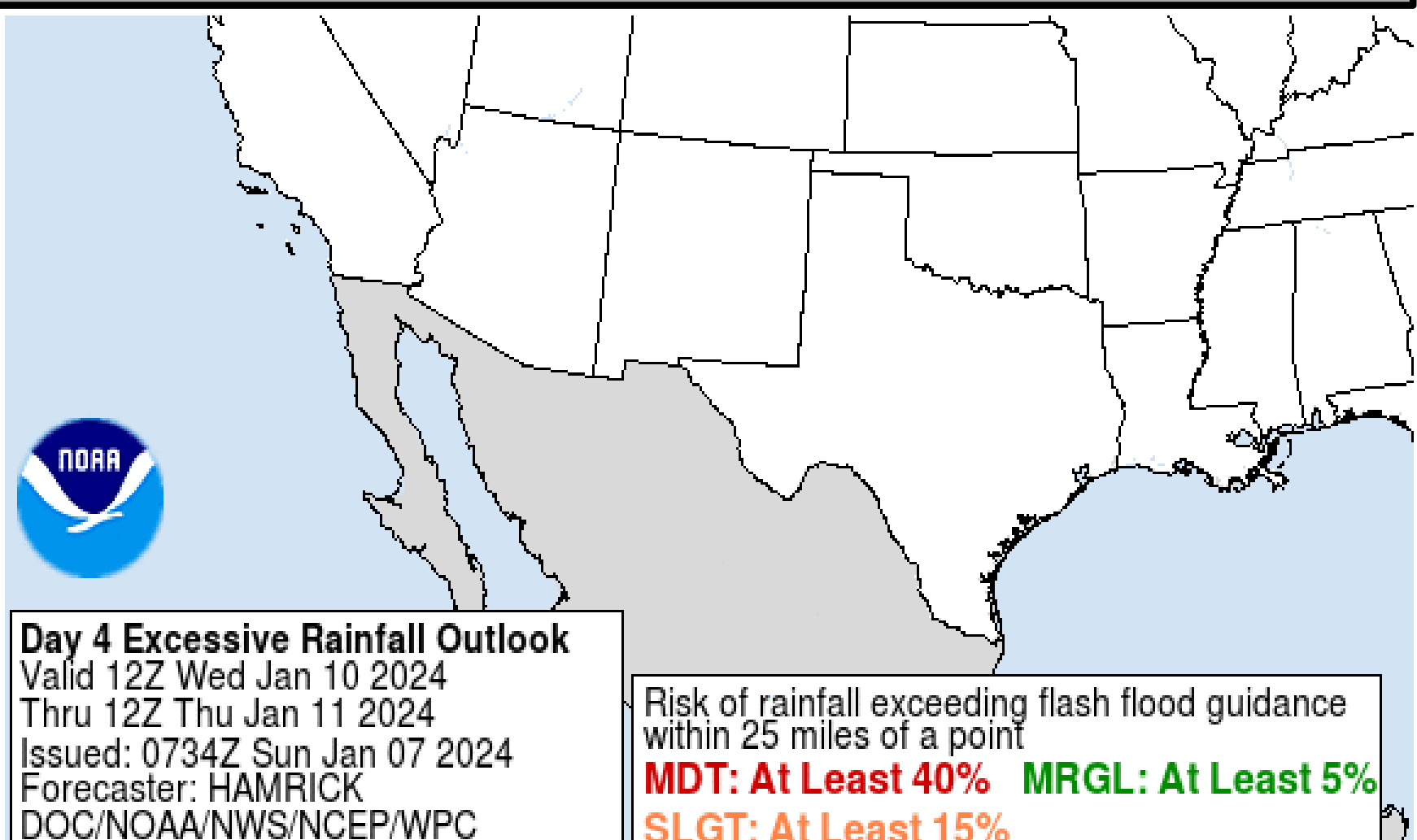
Severe Weather Outlook



Highlighted Area: FEMA Region 6
Last Updated: Jan 07 2024 0332 AM CST
Valid Until: Jan 11 2024 0600 AM CST



Excessive Rainfall Outlook



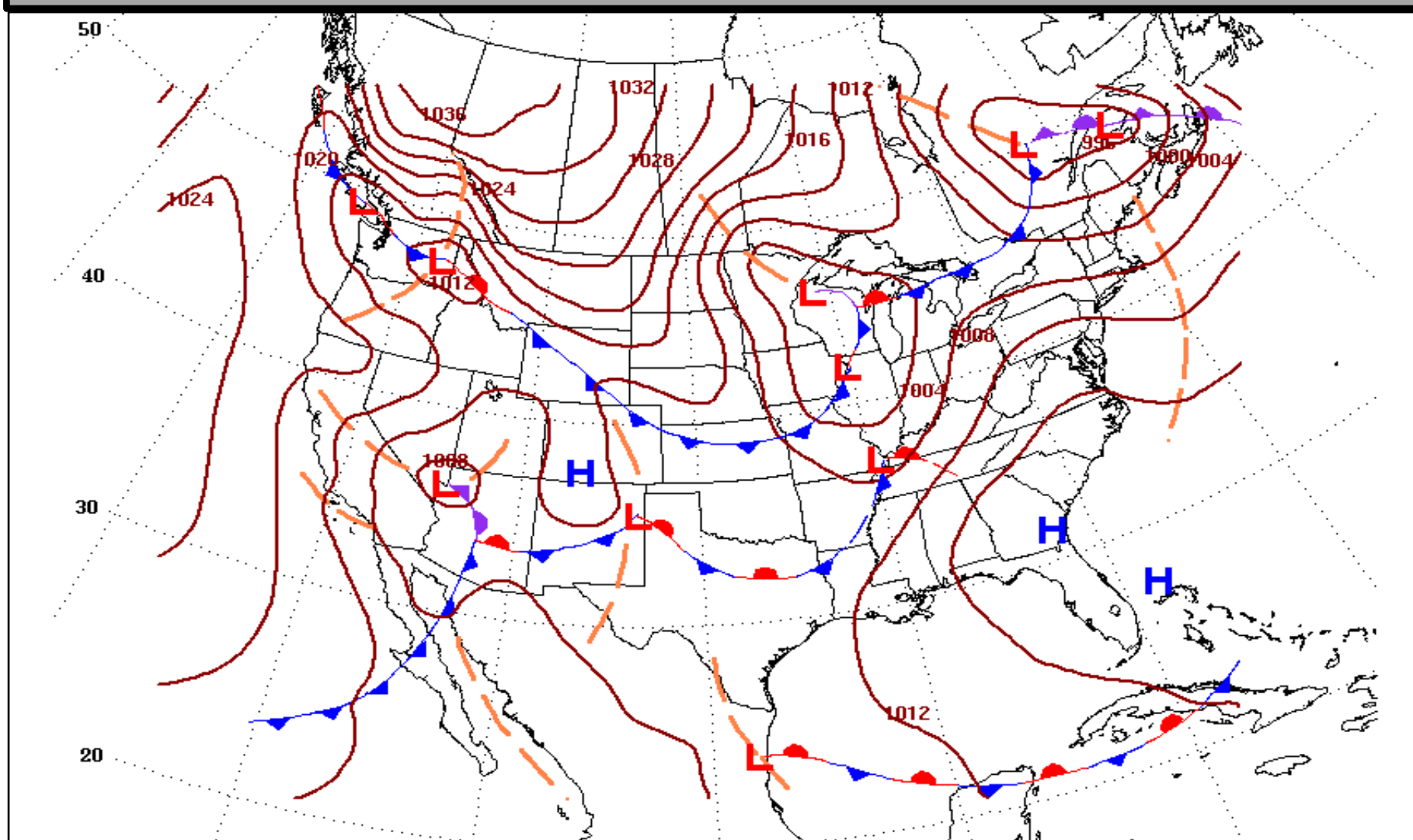
Day 4 Excessive Rainfall Outlook
Valid 12Z Wed Jan 10 2024
Thru 12Z Thu Jan 11 2024
Issued: 0734Z Sun Jan 07 2024
Forecaster: HAMRICK
DOC/NOAA/NWS/NCEP/WPC

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%

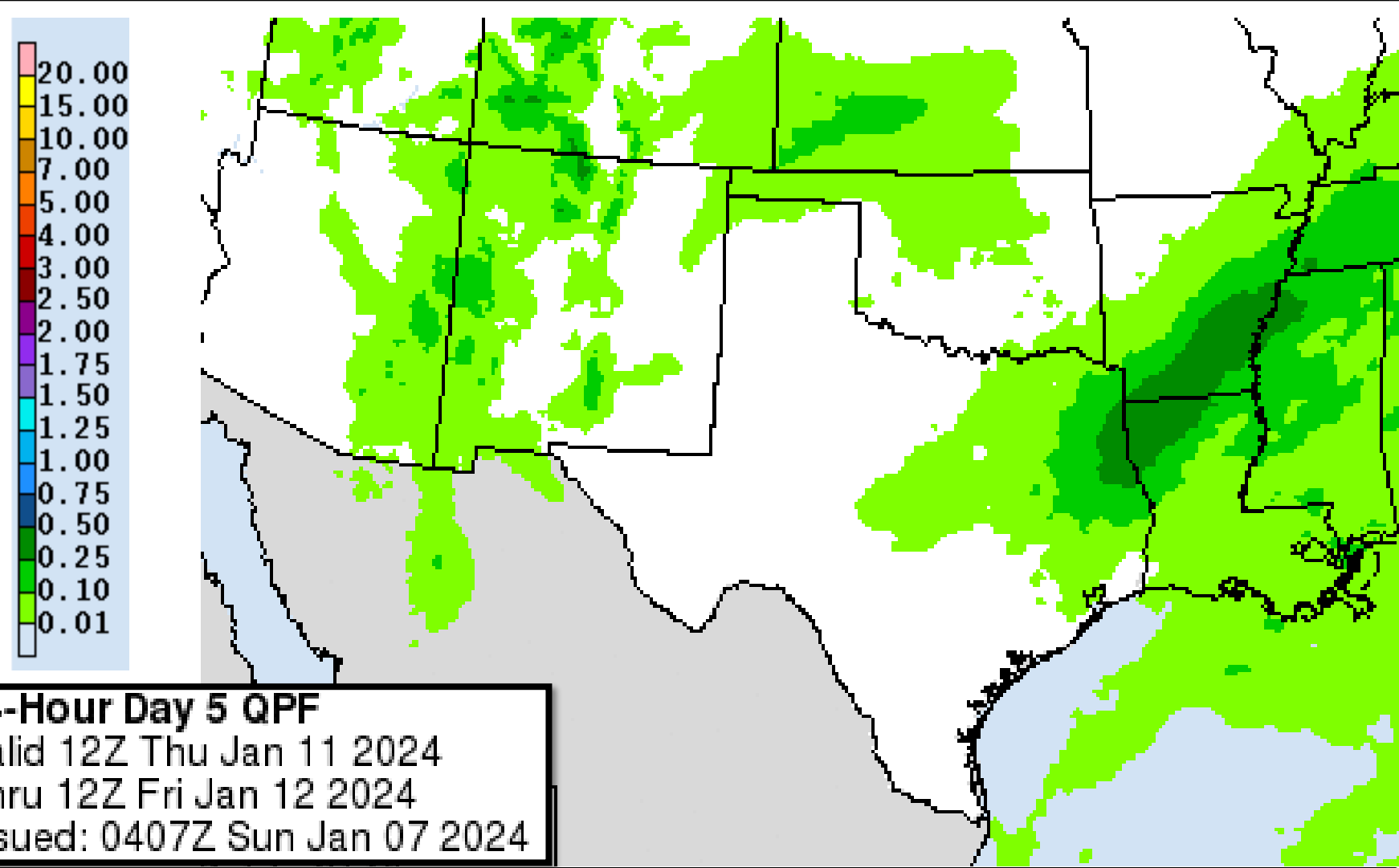


Thursday's Weather

Forecast Chart



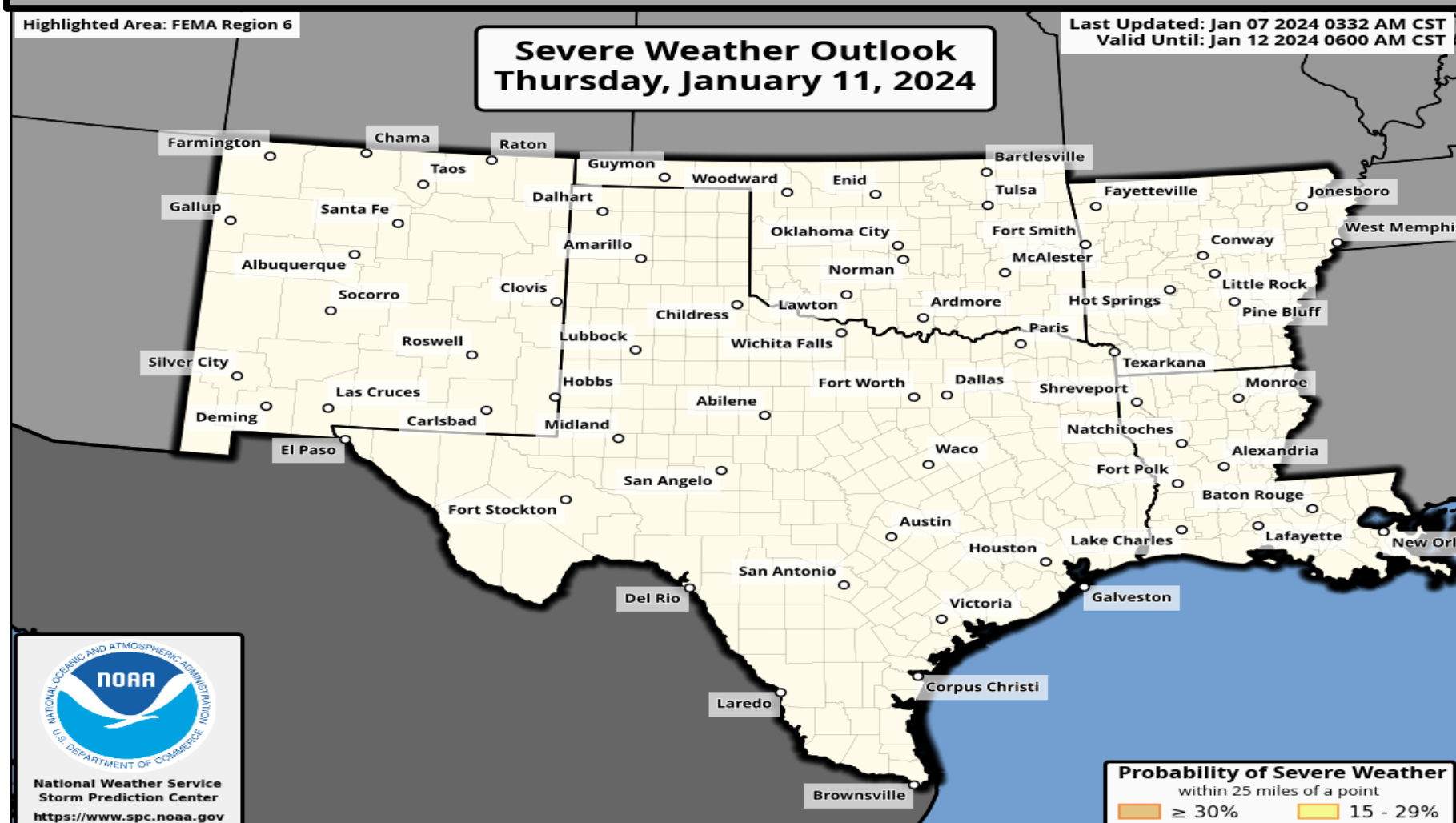
Forecast Rainfall



No significant weather expected.

24-Hour Day 5 QPF
Valid 12Z Thu Jan 11 2024
Thru 12Z Fri Jan 12 2024
Issued: 0407Z Sun Jan 07 2024

Severe Weather Outlook



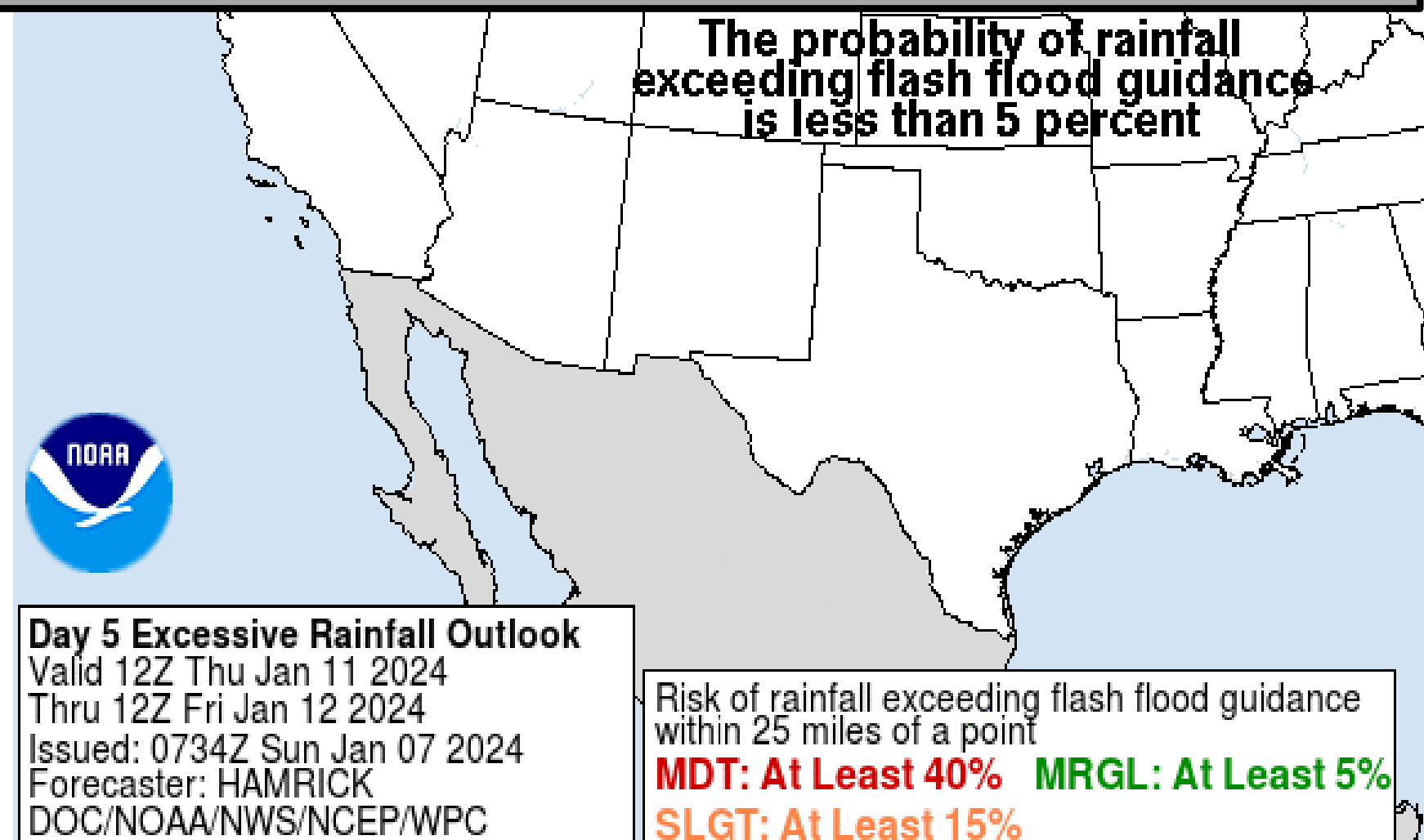
Severe Weather Outlook
Thursday, January 11, 2024

Last Updated: Jan 07 2024 0332 AM CST
Valid Until: Jan 12 2024 0600 AM CST



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

Excessive Rainfall Outlook



The probability of rainfall
exceeding flash flood guidance
is less than 5 percent

Day 5 Excessive Rainfall Outlook
Valid 12Z Thu Jan 11 2024
Thru 12Z Fri Jan 12 2024
Issued: 0734Z Sun Jan 07 2024
Forecaster: HAMRICK
DOC/NOAA/NWS/NCEP/WPC

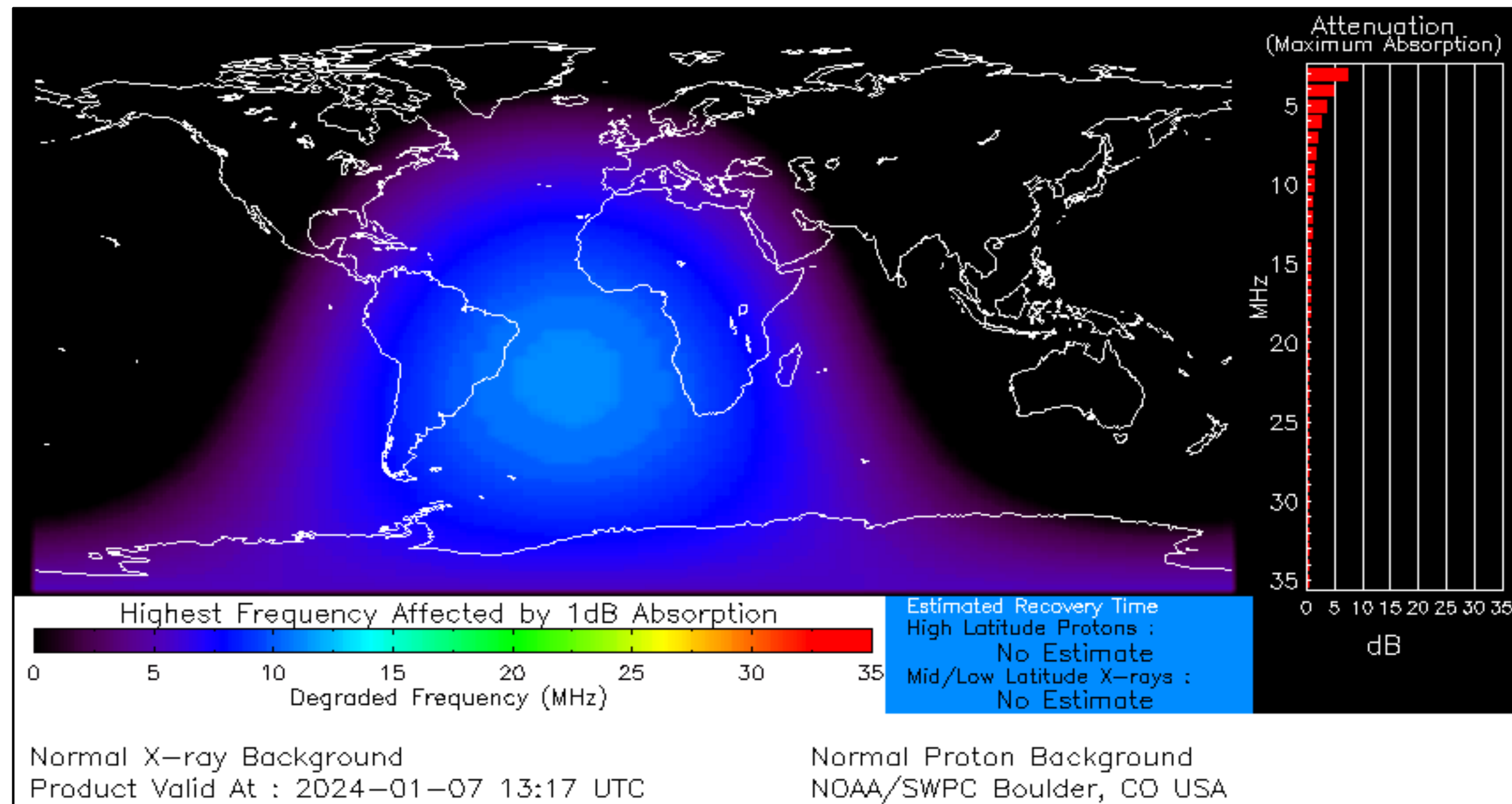
Risk of rainfall exceeding flash flood guidance
within 25 miles of a point
MDT: At Least 40% **MRGL: At Least 5%**
SLGT: At Least 15%





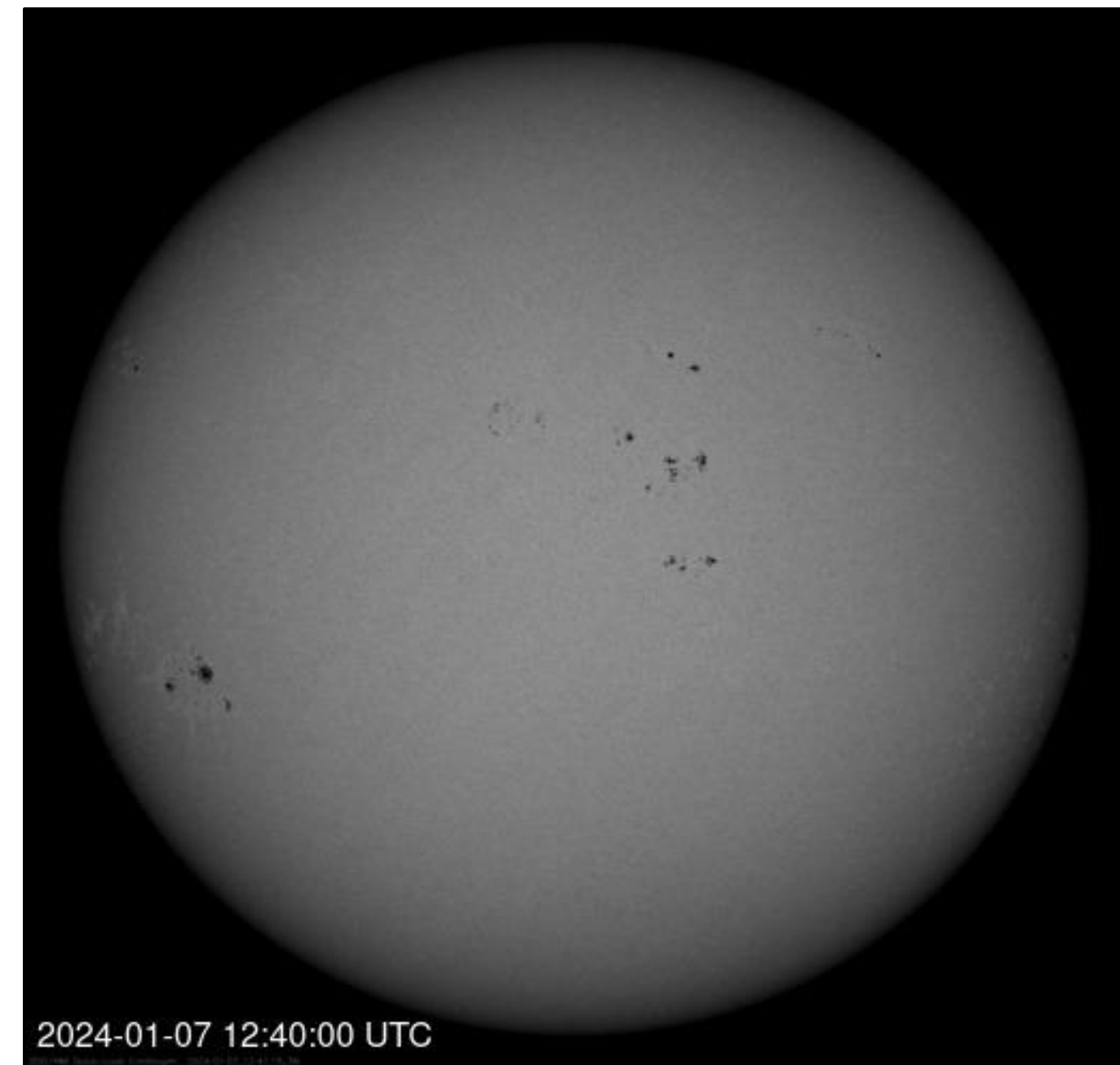
Space Weather 3-Day Forecast

	Sunday	Monday	Tuesday
Geomagnetic Storms	Unsettled (Max Kp = 3)	Unsettled (Max Kp = 3)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	10%	10%	10%
Radio Blackout (R1-R2)	45%	45%	45%
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