



FEMA



Prepared by
Mark Wiley

FEMA Region 6 Weather Threat Briefing

Wednesday January 17, 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

- **Very cold temperatures (20-30 degrees below normal) across much of the Region this morning with warming trend into Thursday.**
- **Light freezing drizzle possible over Cntrl/E AR Thursday morning before temperatures rise above freezing in the afternoon**
- **Next front brings another round of cold temps (10-20 degrees below normal) for OK, AR, TX, LA Friday and Saturday.**



FEMA Region 6 Threat Matrix

Jan 17, 2024 - Jan 21, 2024

| DAY / THREAT | Wed | Thu | Fri | Sat | Sun |
|-----------------------------|-------------------------|-------------------|----------------|----------------|-------|
| Severe Storms | | | | | |
| Heavy Rain / Flash Flooding | | | | | |
| Fire Weather | | | | | |
| Cold | Most of the Region (AM) | | OK, AR, TX, LA | OK, AR, TX, LA | |
| Winds | N/E NM | | | | |
| Winter Weather Impacts | | Cntrl/E AR (A.M.) | | | |
| River Flooding | NE AR | 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 |

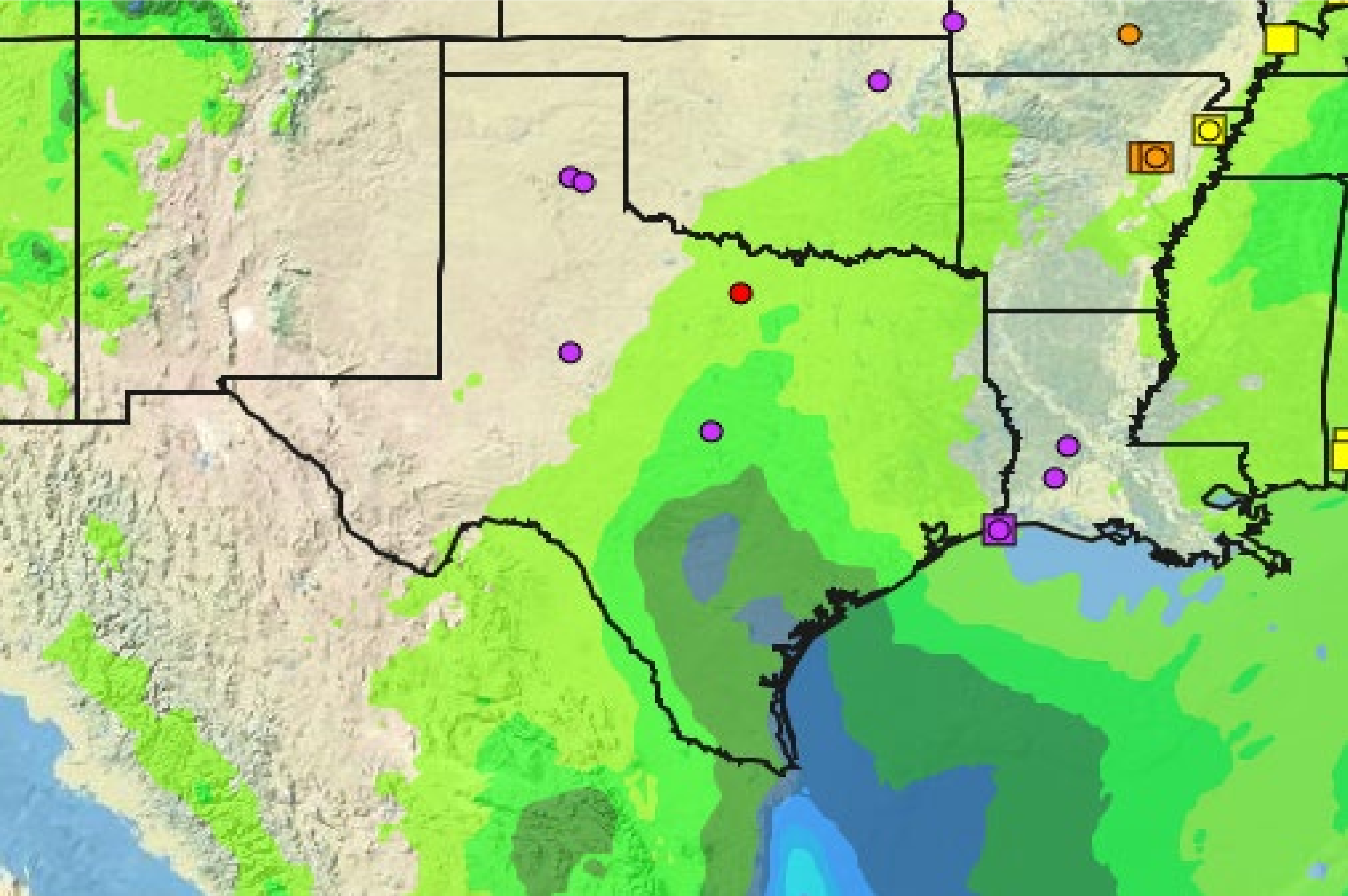
Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

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 in NE AR. Pastures and low swampy timberland along the river flooded.

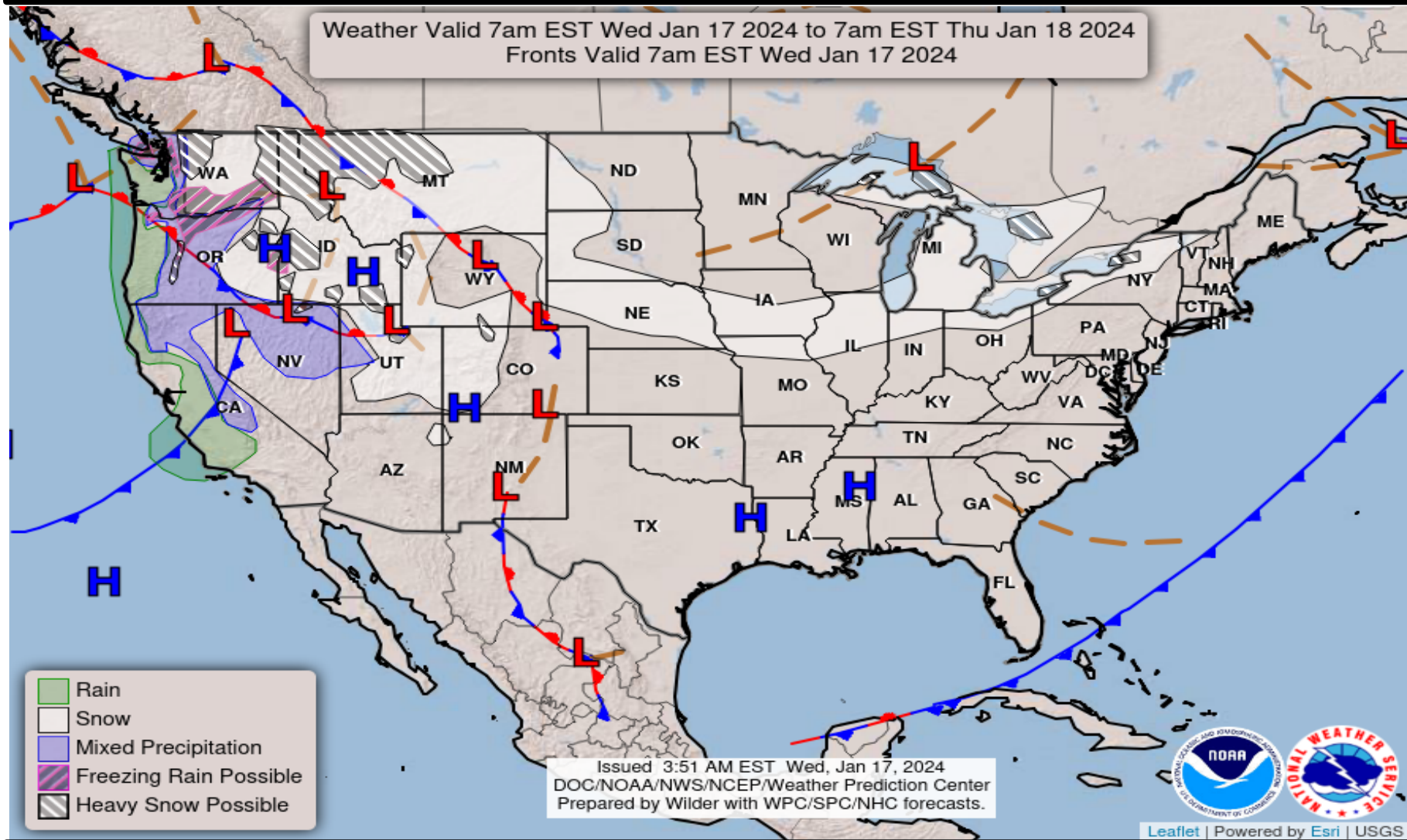
***NOTE*: All points showing moderate or major river flooding is Bad Data.**

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

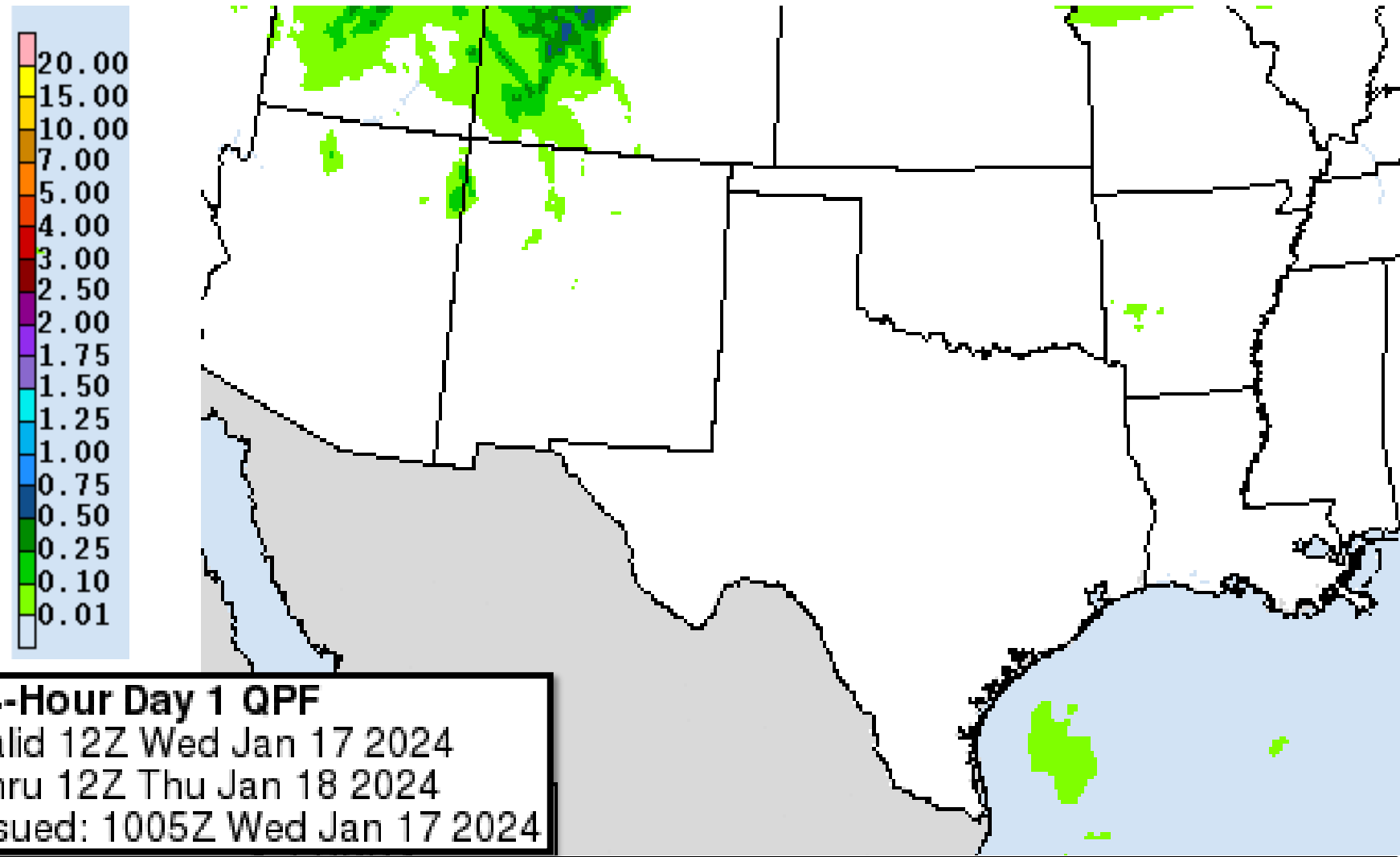


Today's Weather

Forecast Chart

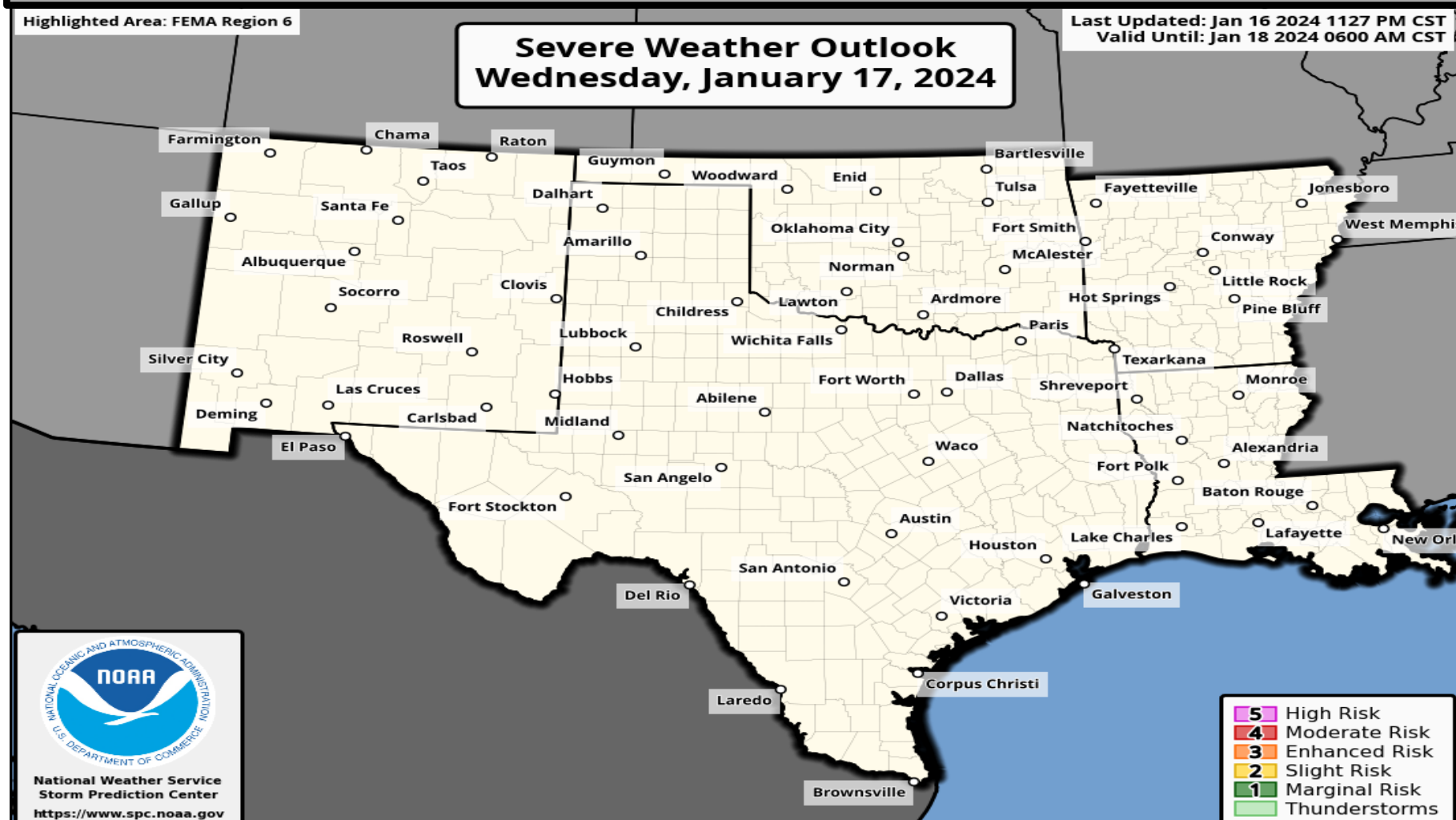


Forecast Rainfall

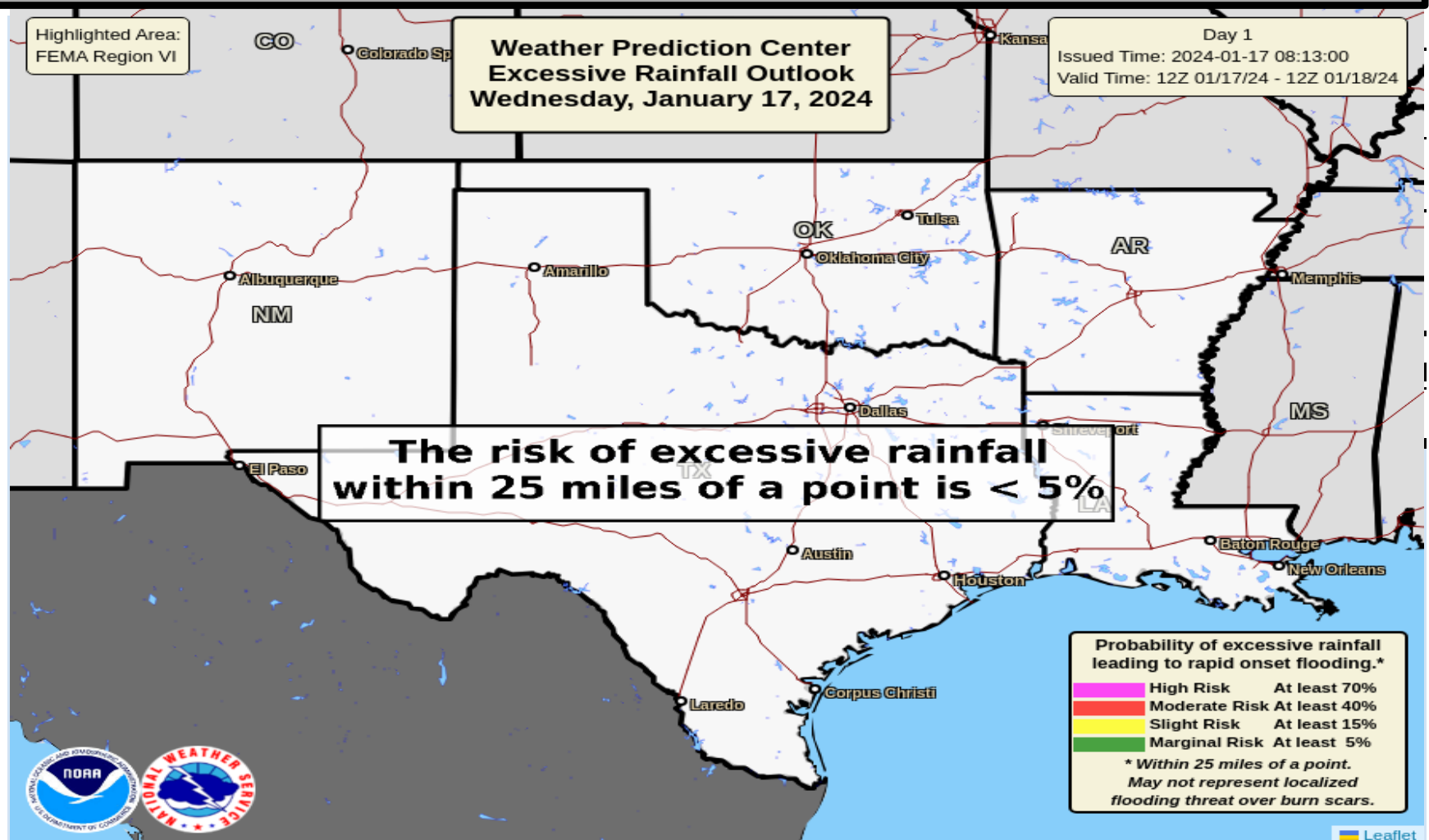


Very cold temperatures (20-35 degrees below normal during the morning).

Severe Weather Outlook

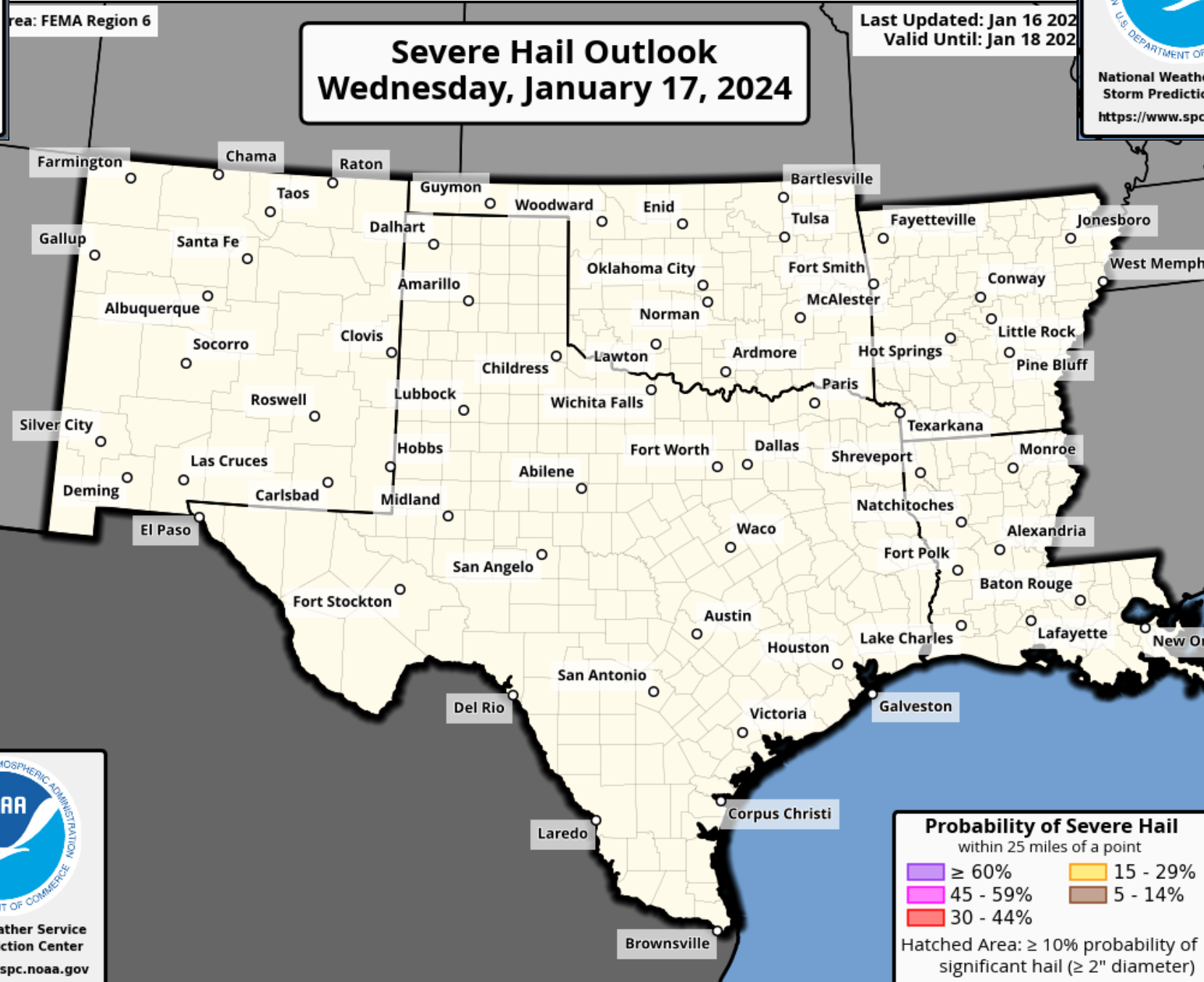
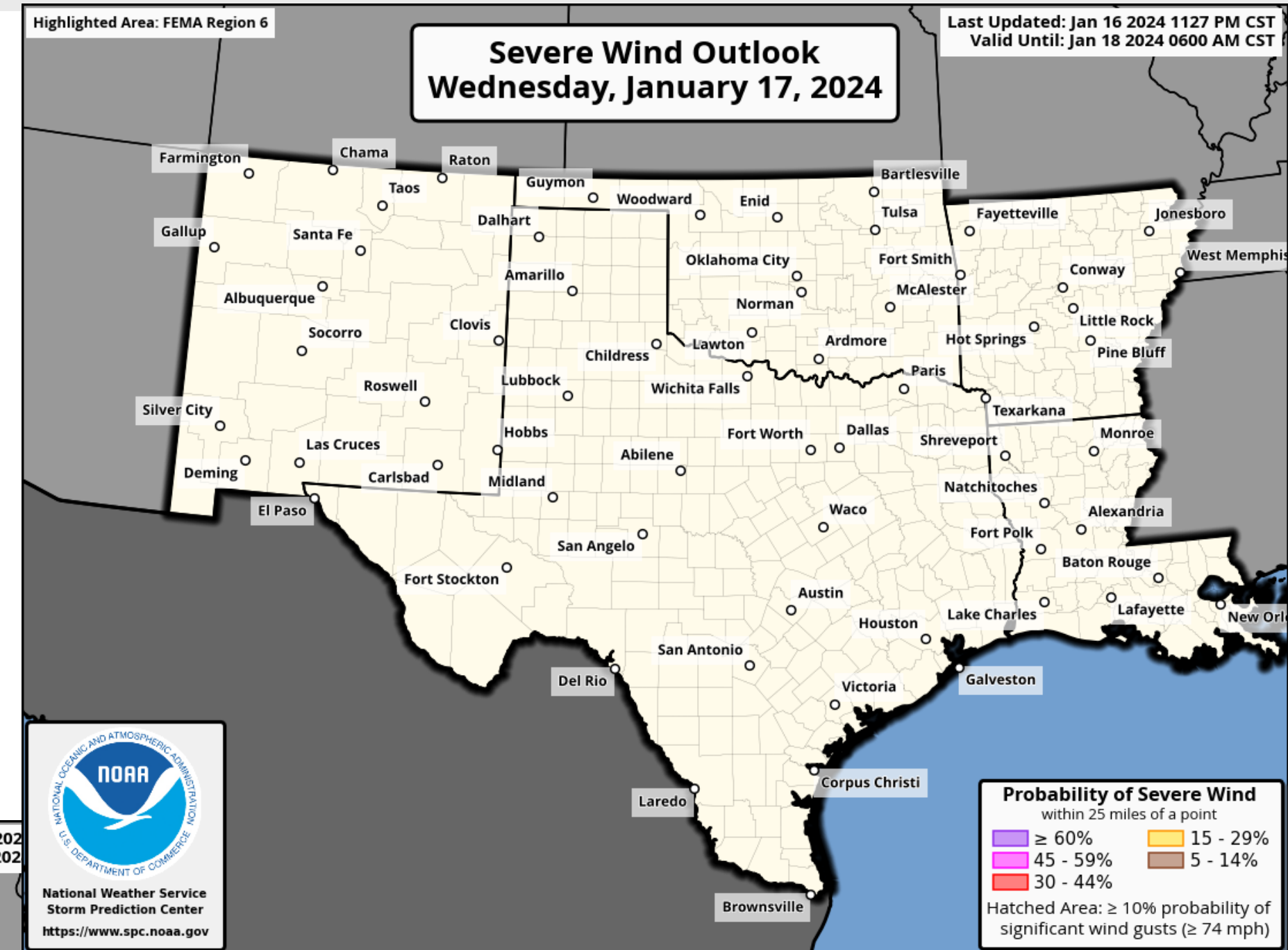
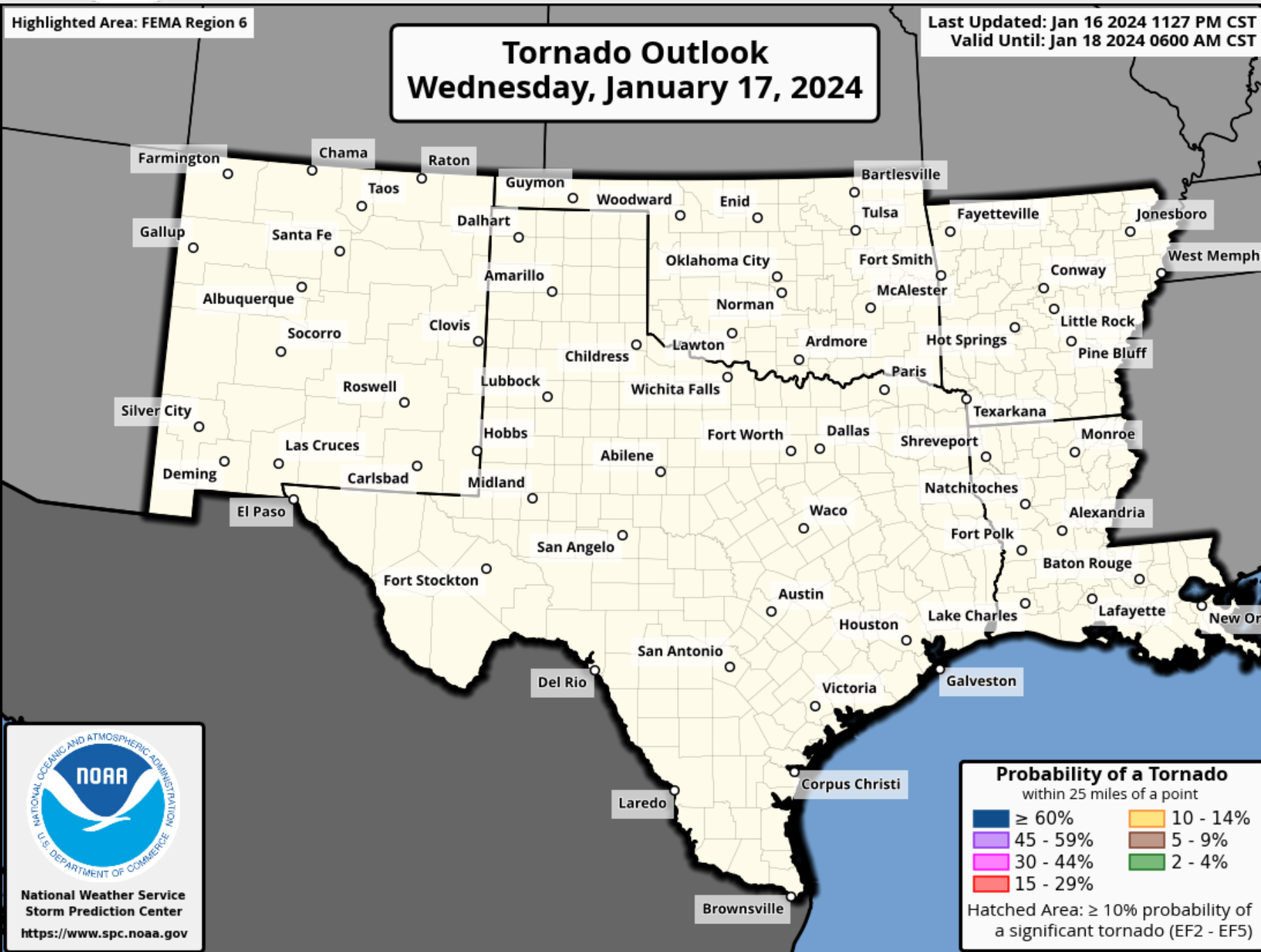


Excessive Rainfall Outlook





Today's Tornado & Severe Wind / Hail Probabilities

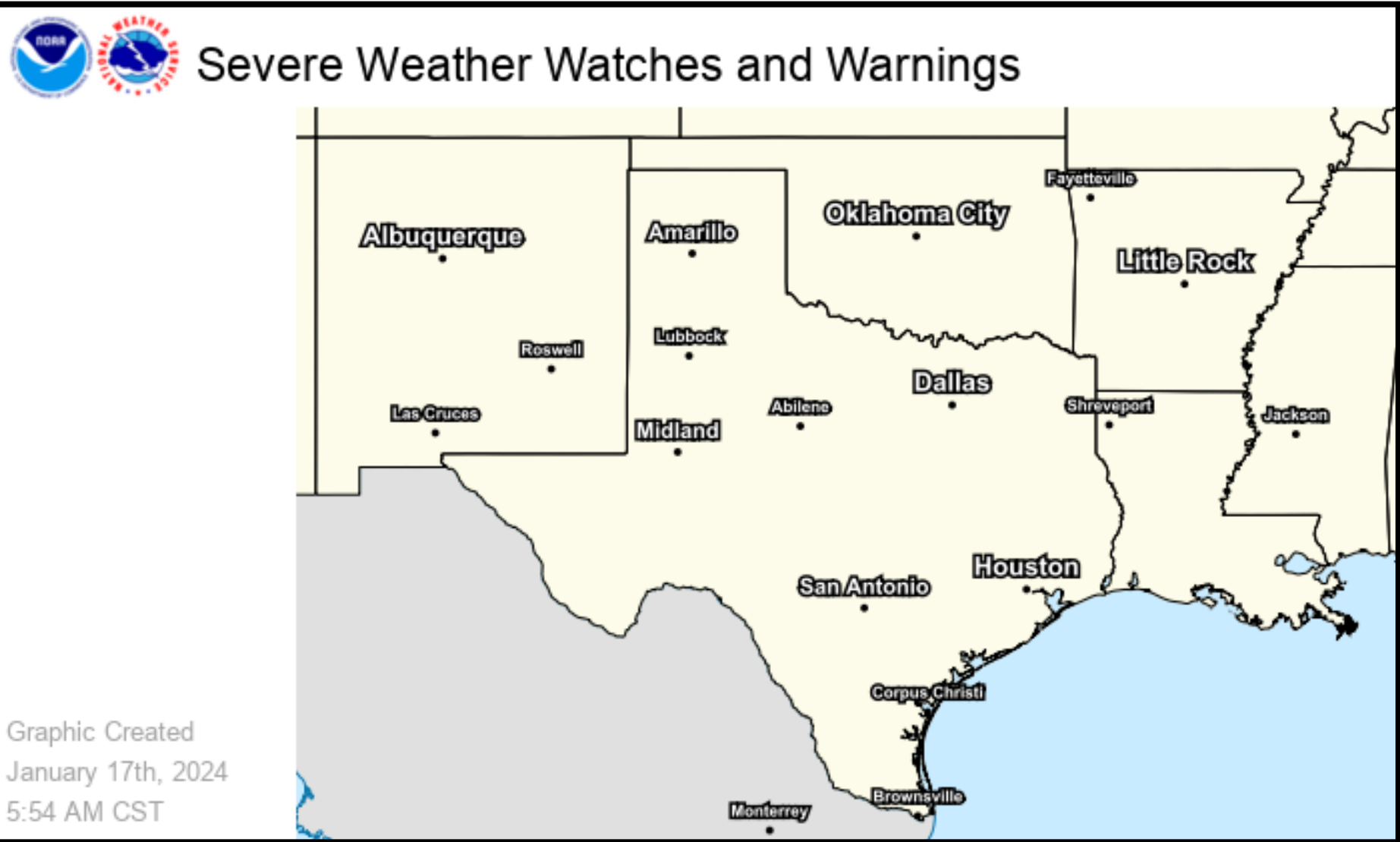
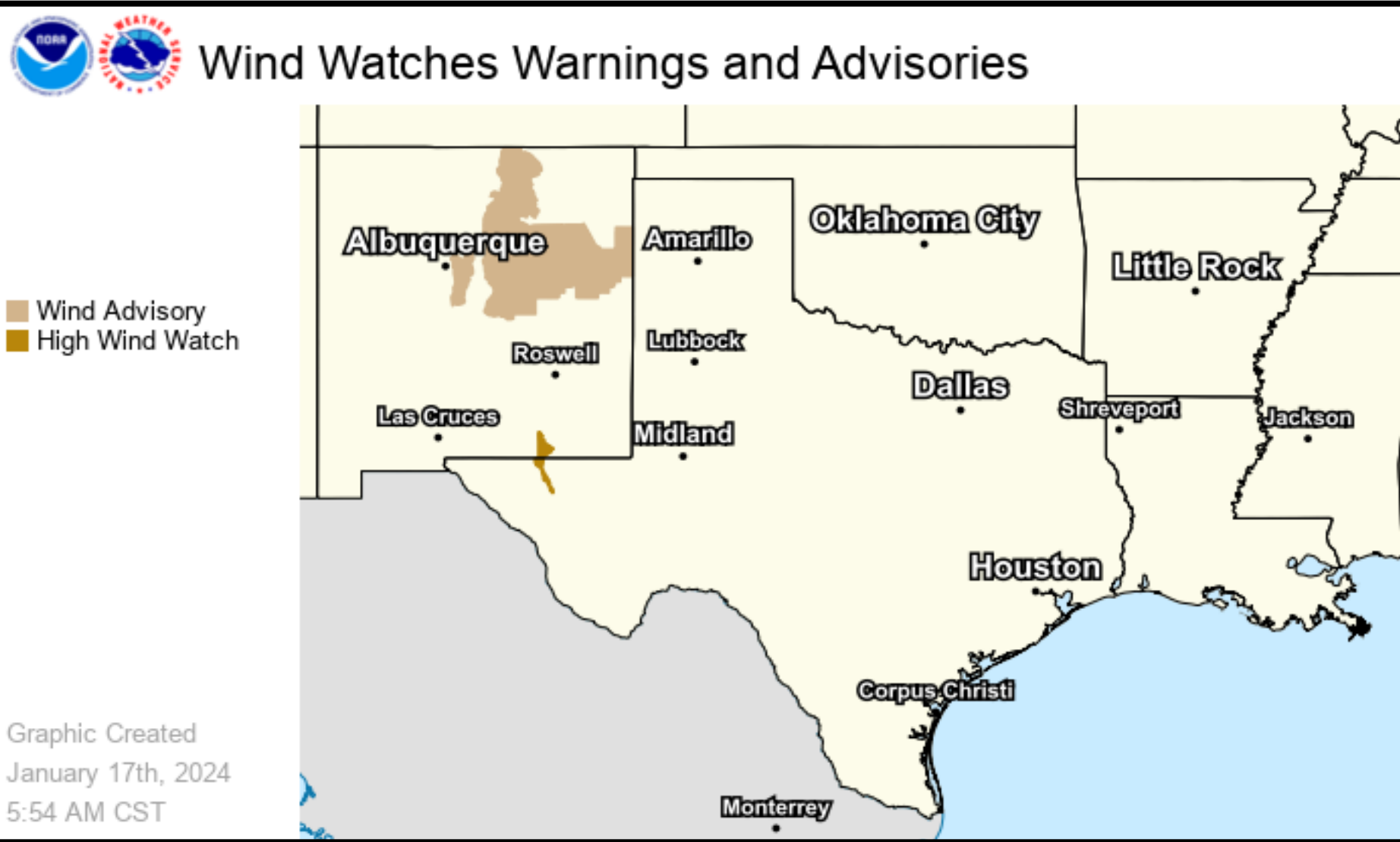




Watches, Warnings, and Advisories

Wind, Severe, Winter, and Flood Hazards

Wind Advisory for N/E NM for west winds gusting to 55 mph.





Winter Weather

Wednesday - Friday

Forecast Snow Amounts



Forecast Snowfall

Valid Ending Friday January 19th, 2024 at 6 PM 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 17th, 2024
4:21 AM CST

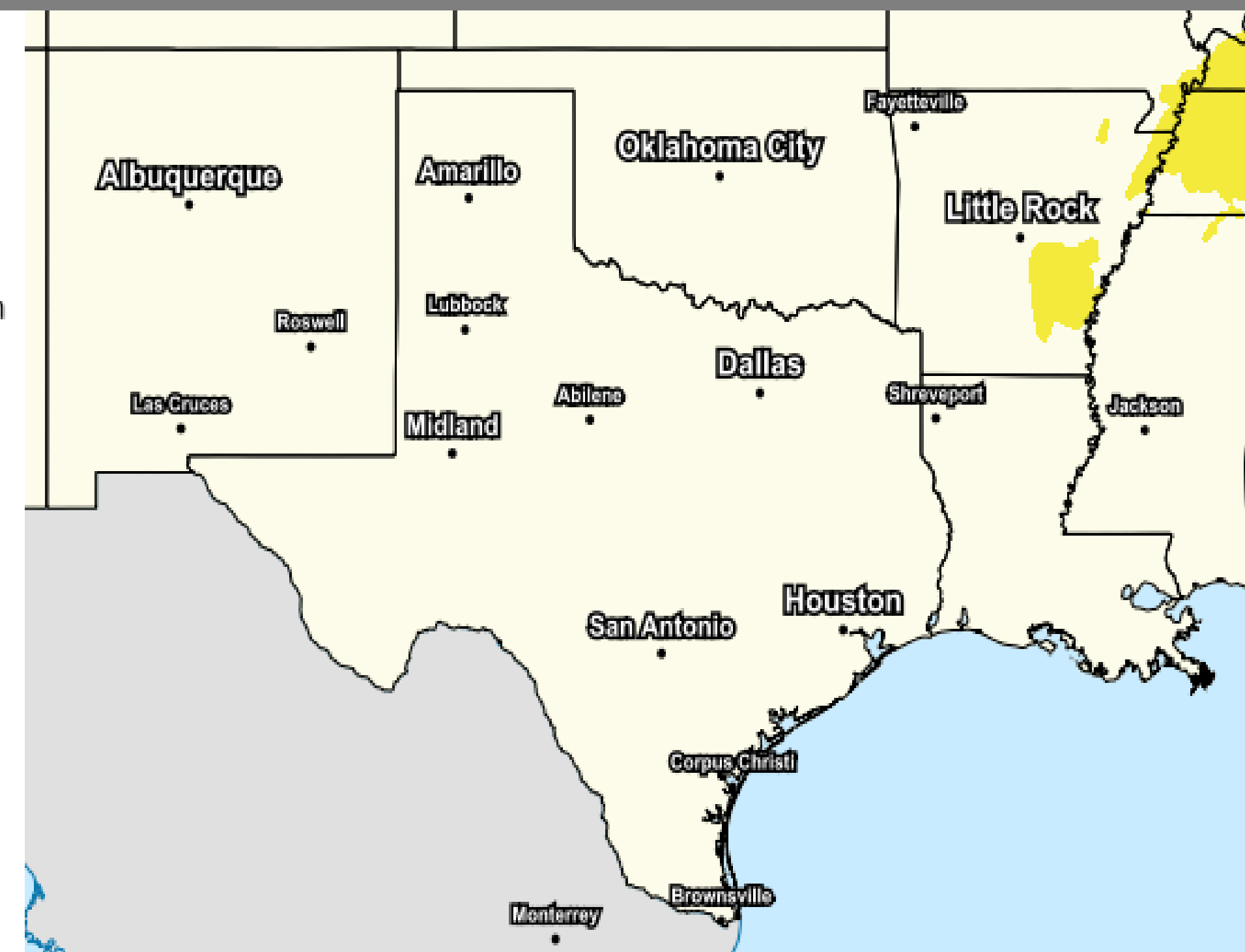
Forecast Ice Amounts



Ice Accumulation Forecast

Valid Ending Saturday January 20th, 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

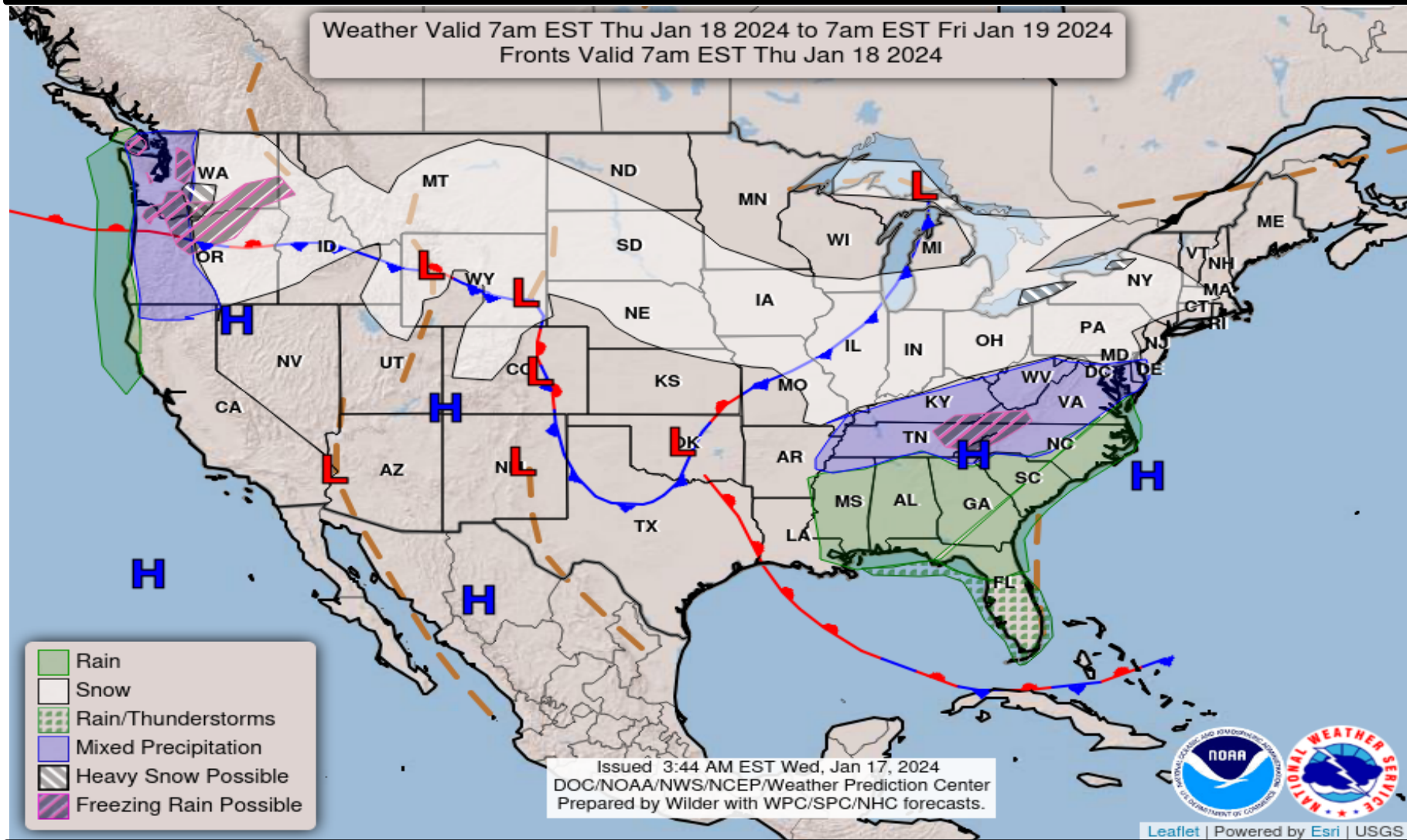


Graphic Created
January 17th, 2024
5:22 AM CST

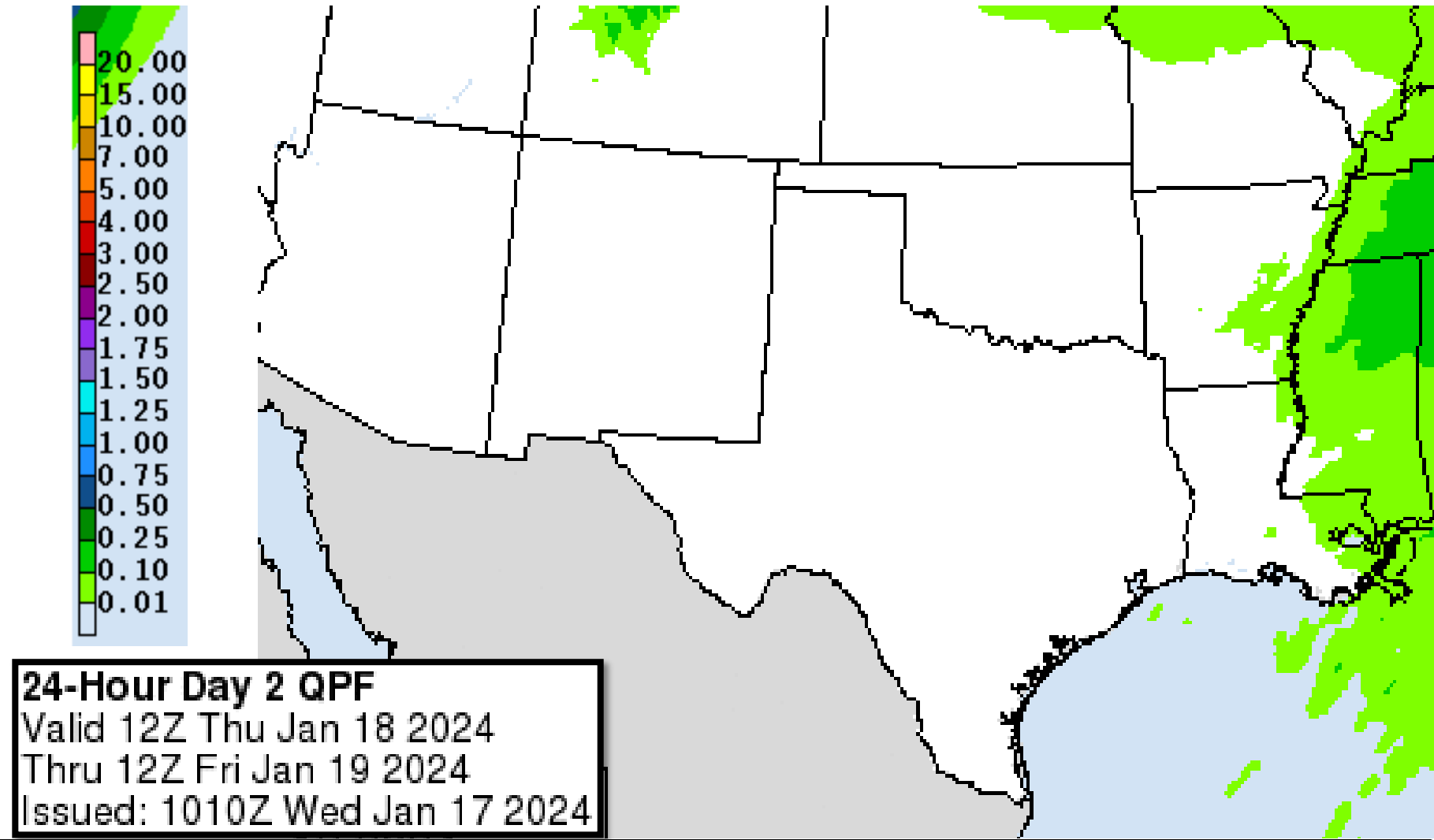


Tomorrow's Weather

Forecast Chart

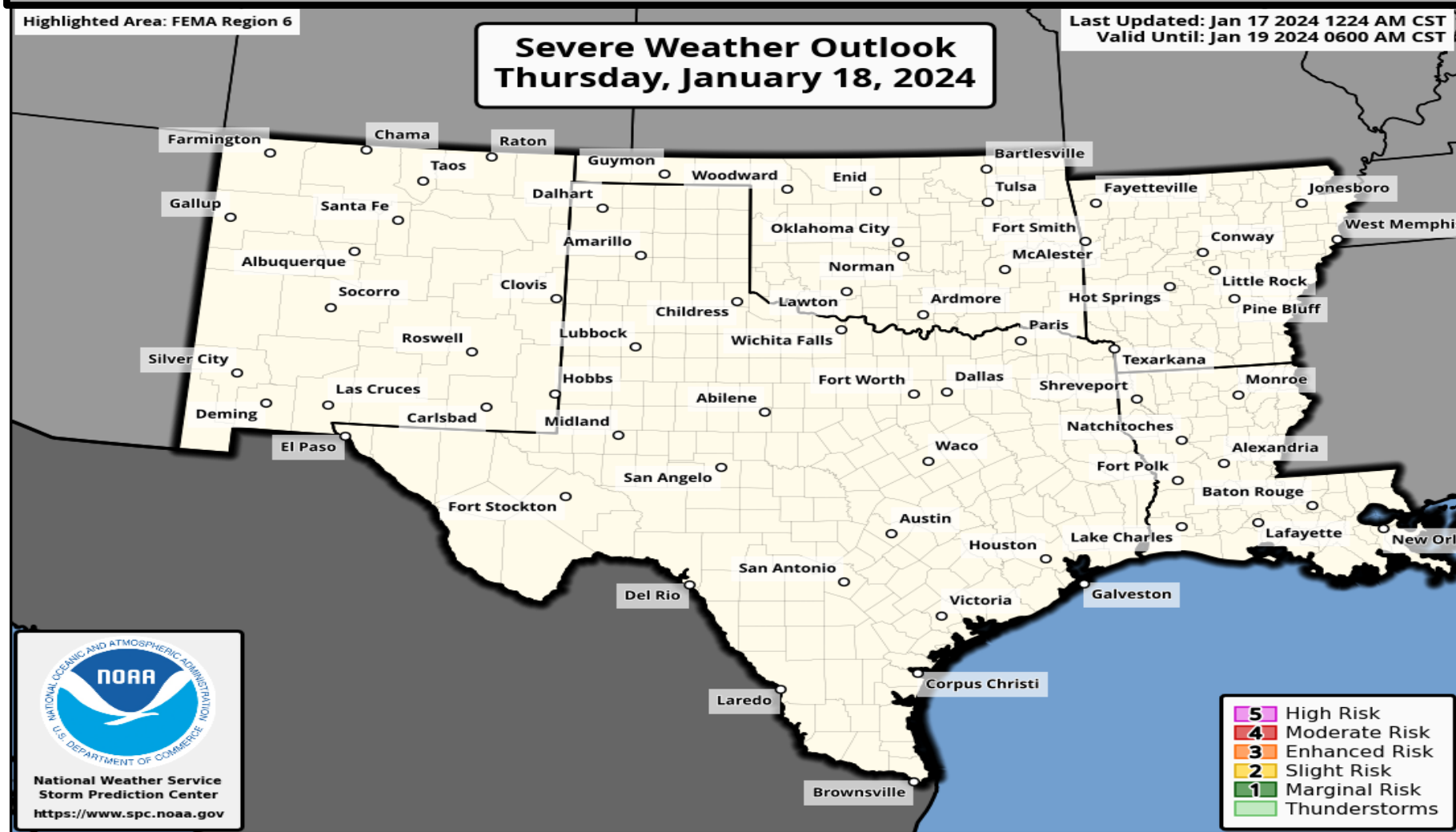


Forecast Rainfall

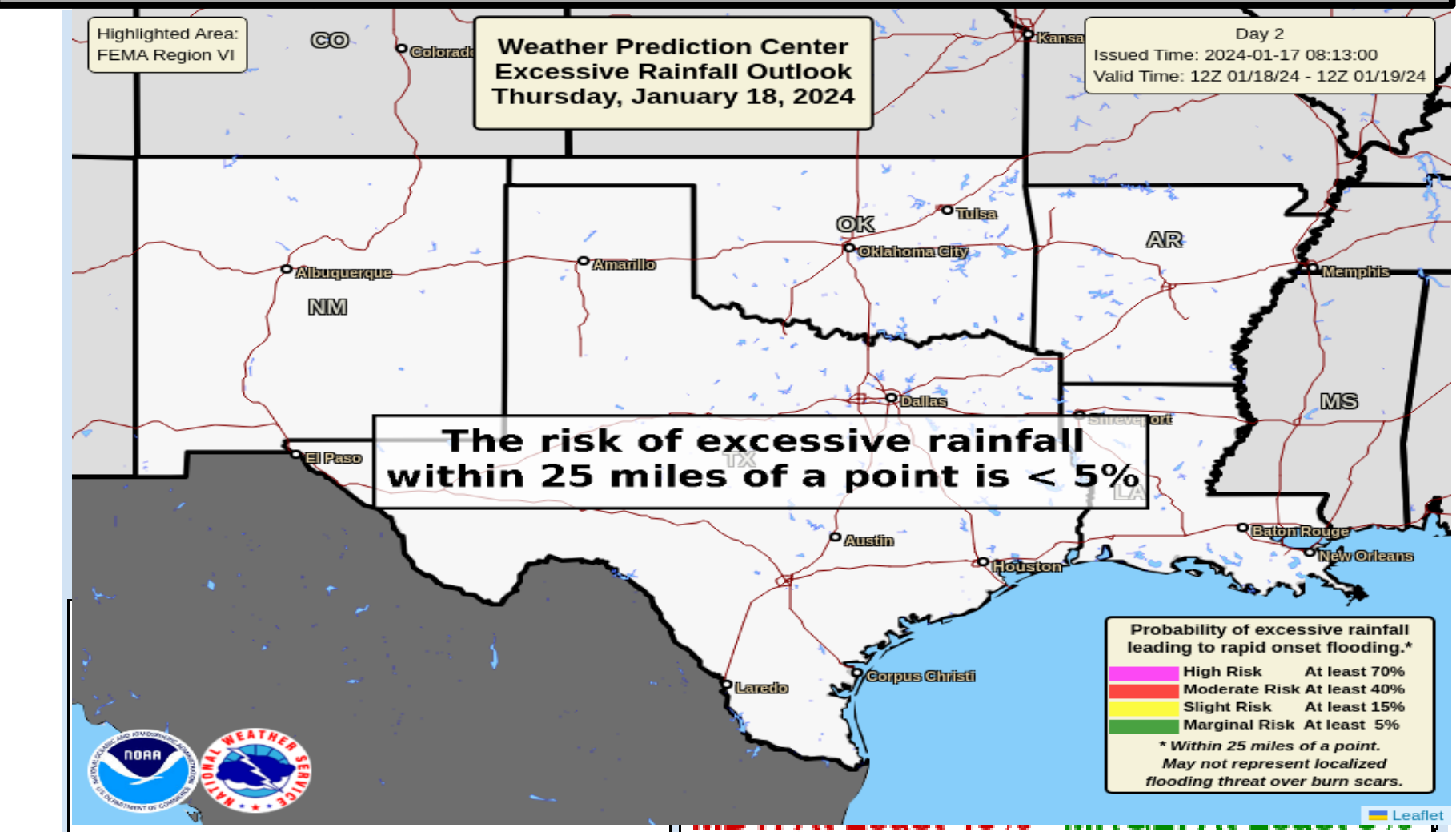


No significant weather impacts expected.

Severe Weather Outlook

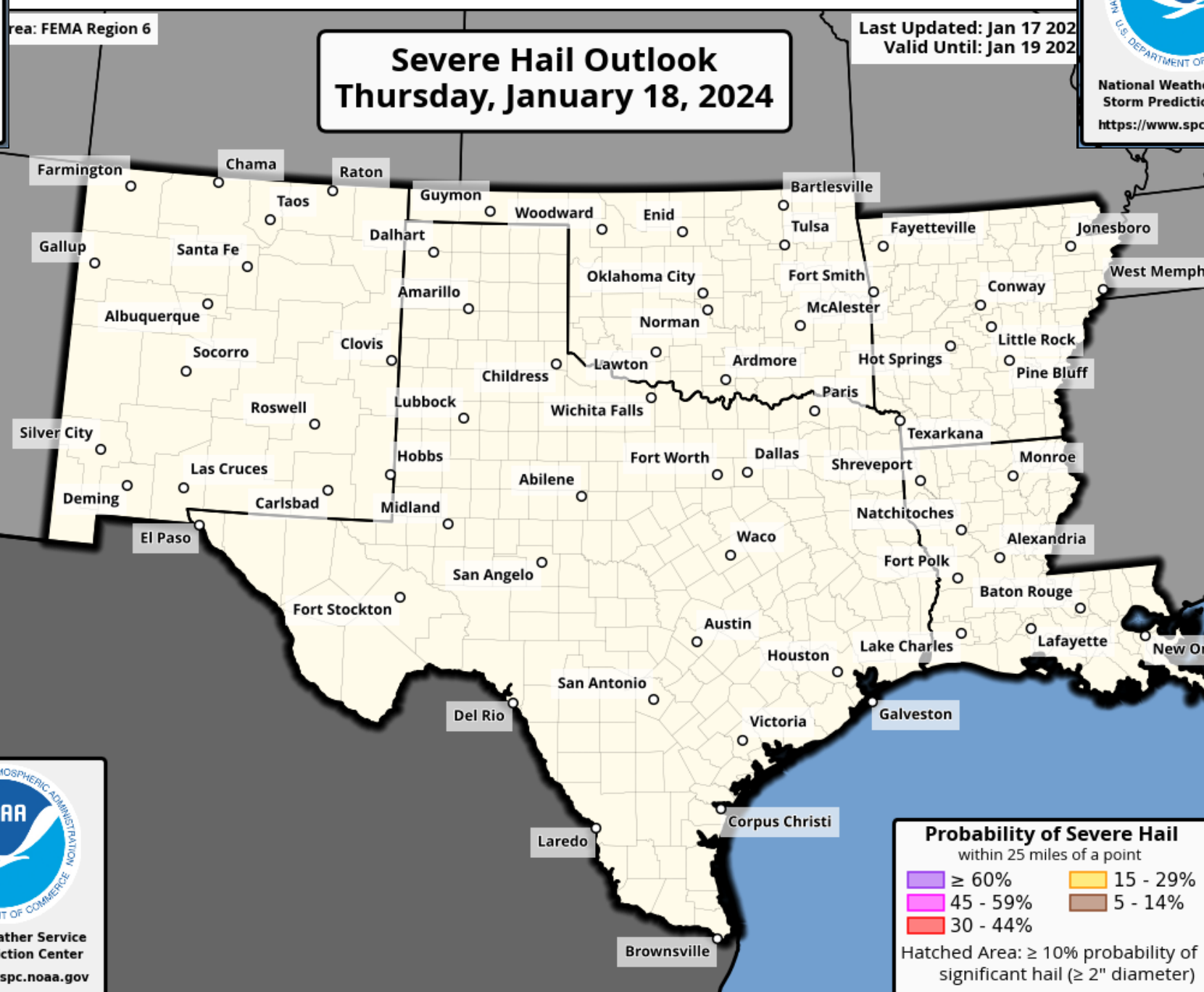
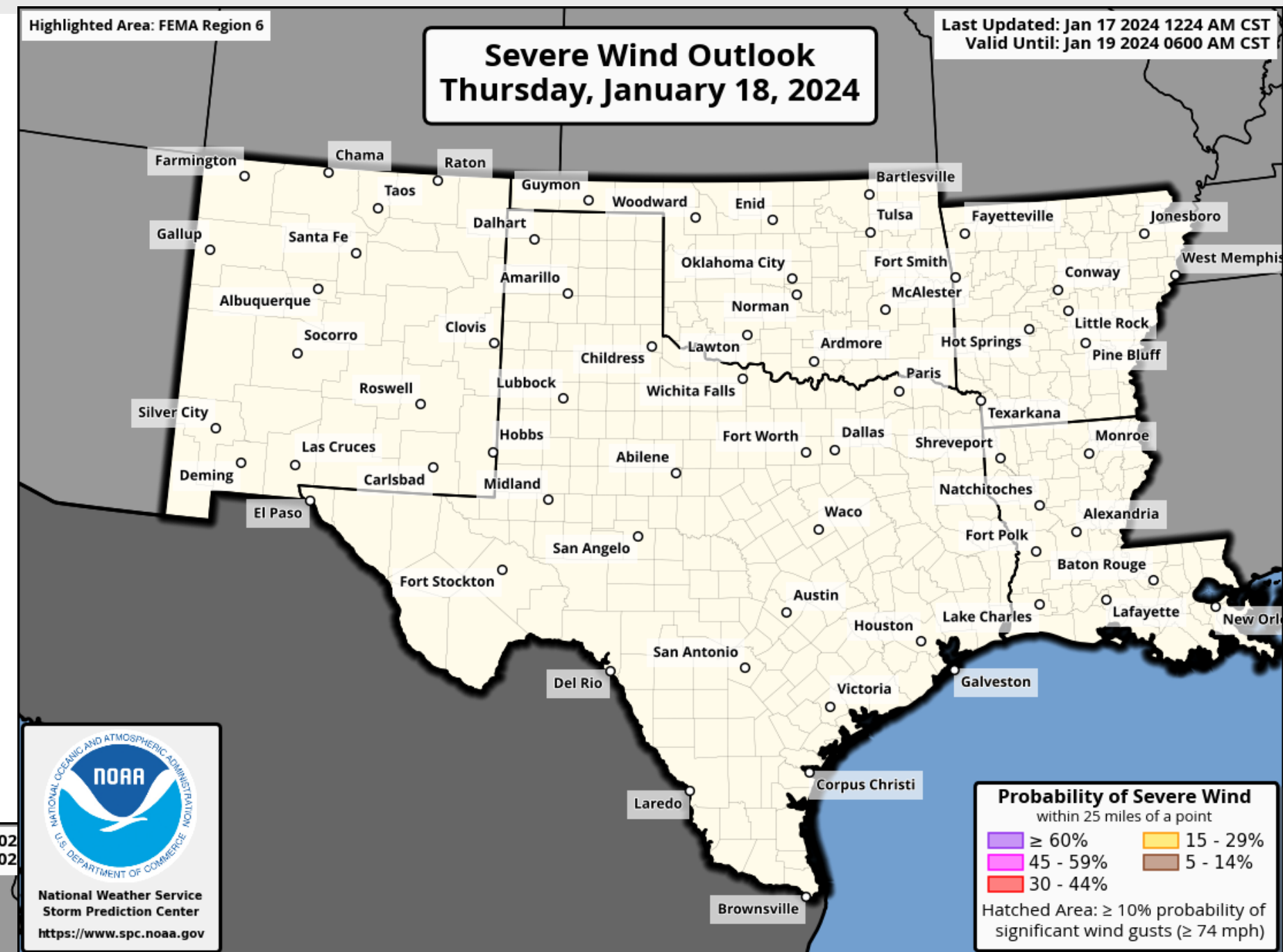
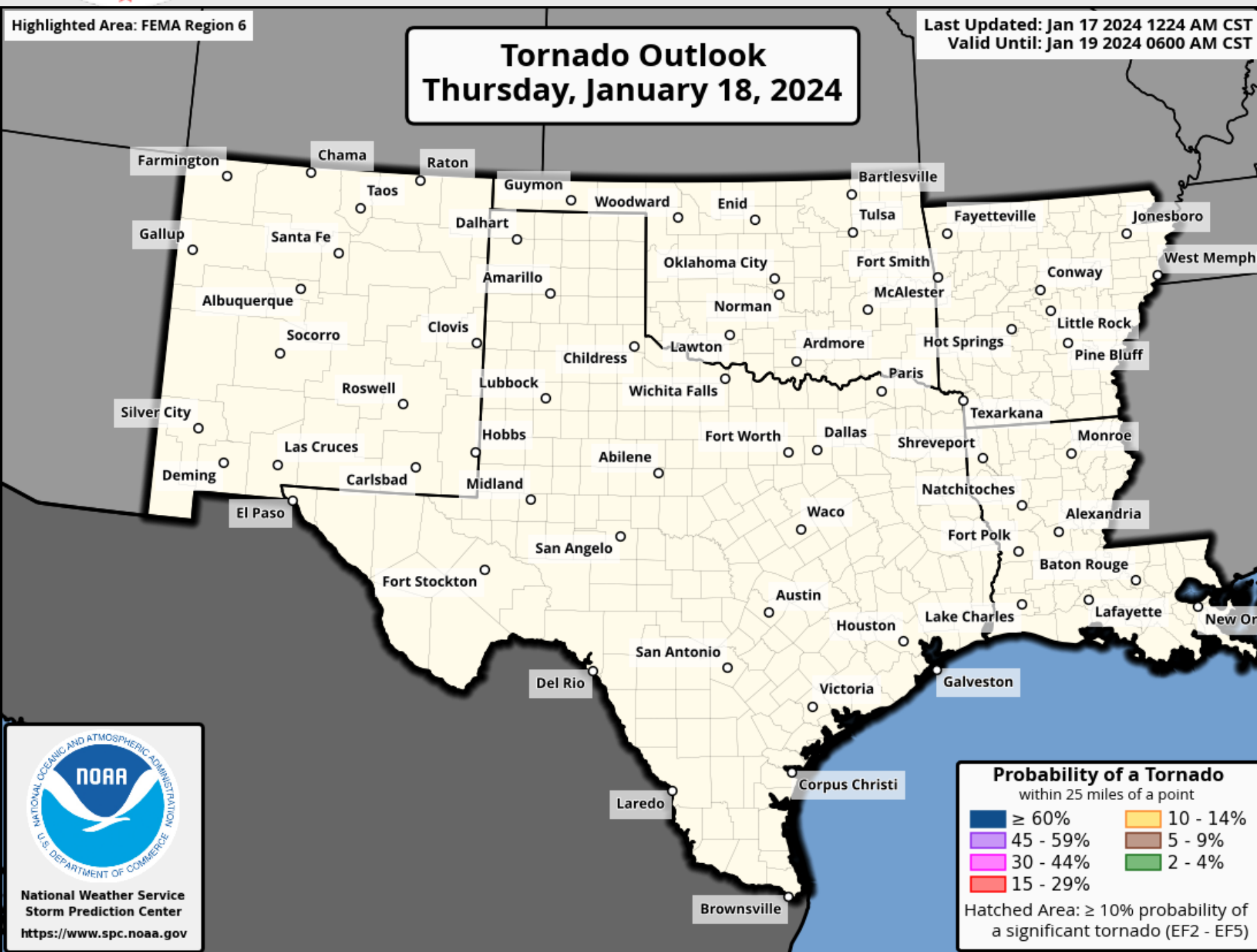


Excessive Rainfall Outlook





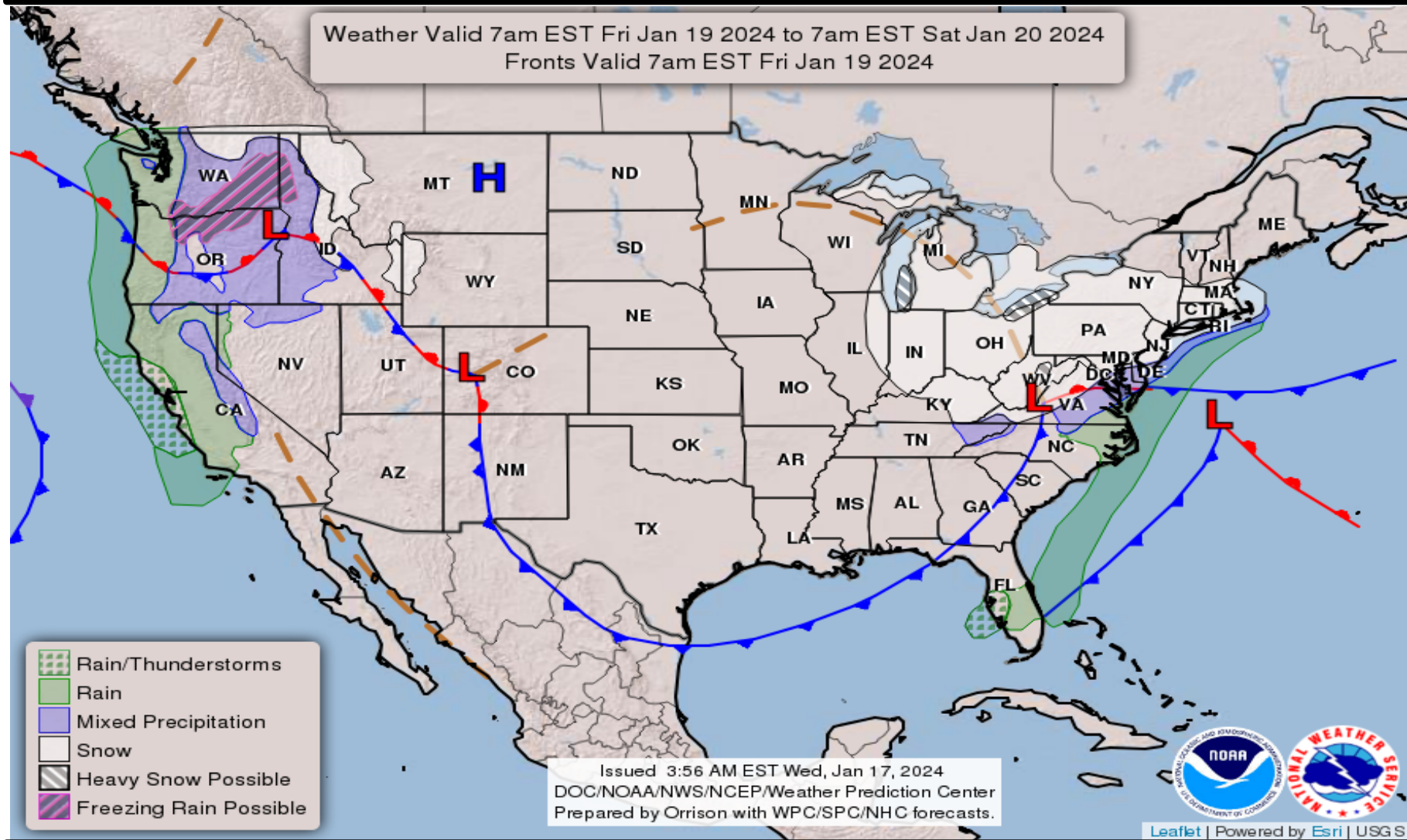
Tomorrow's Tornado & Severe Wind / Hail Probabilities



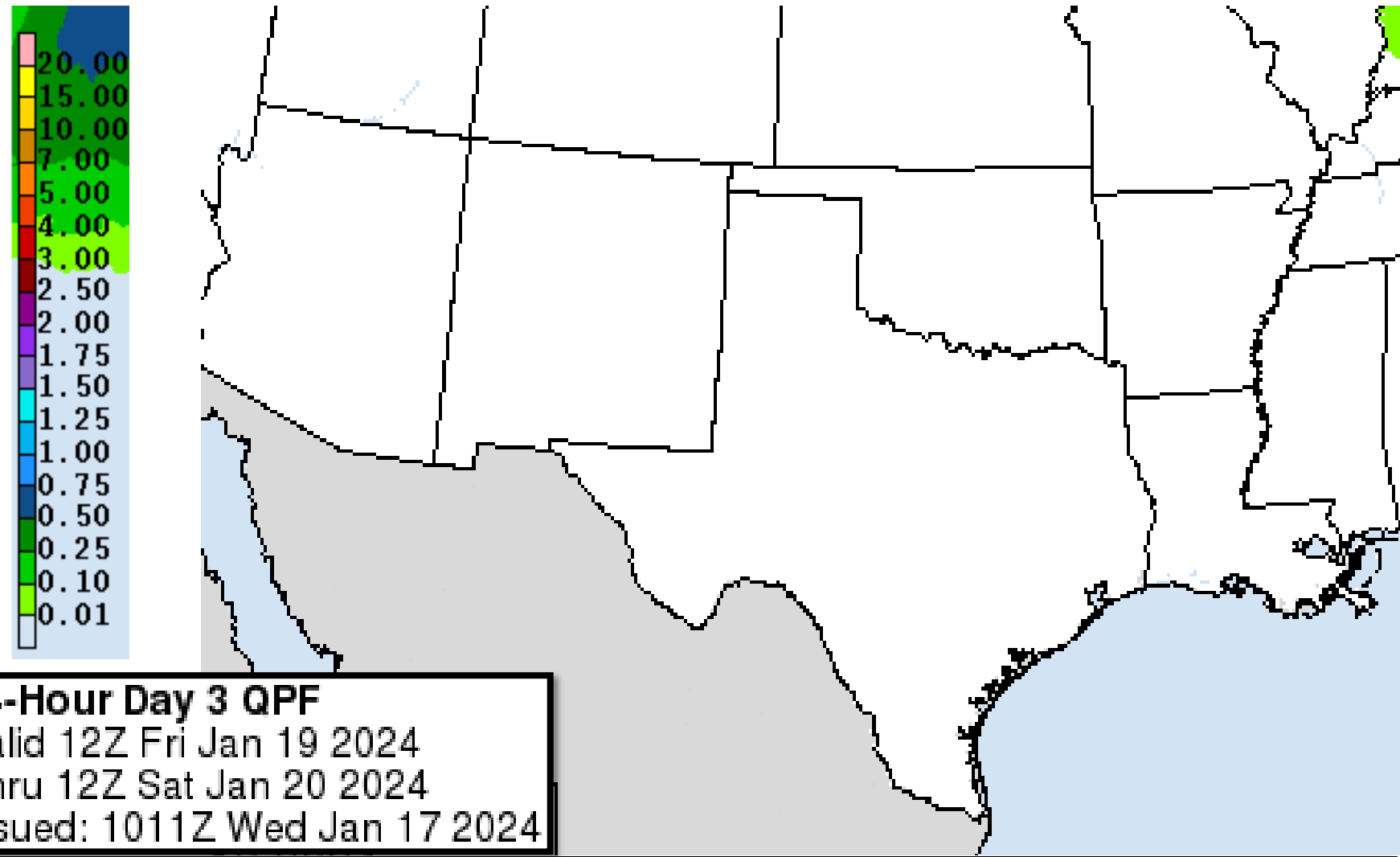


Friday's Weather

Forecast Chart

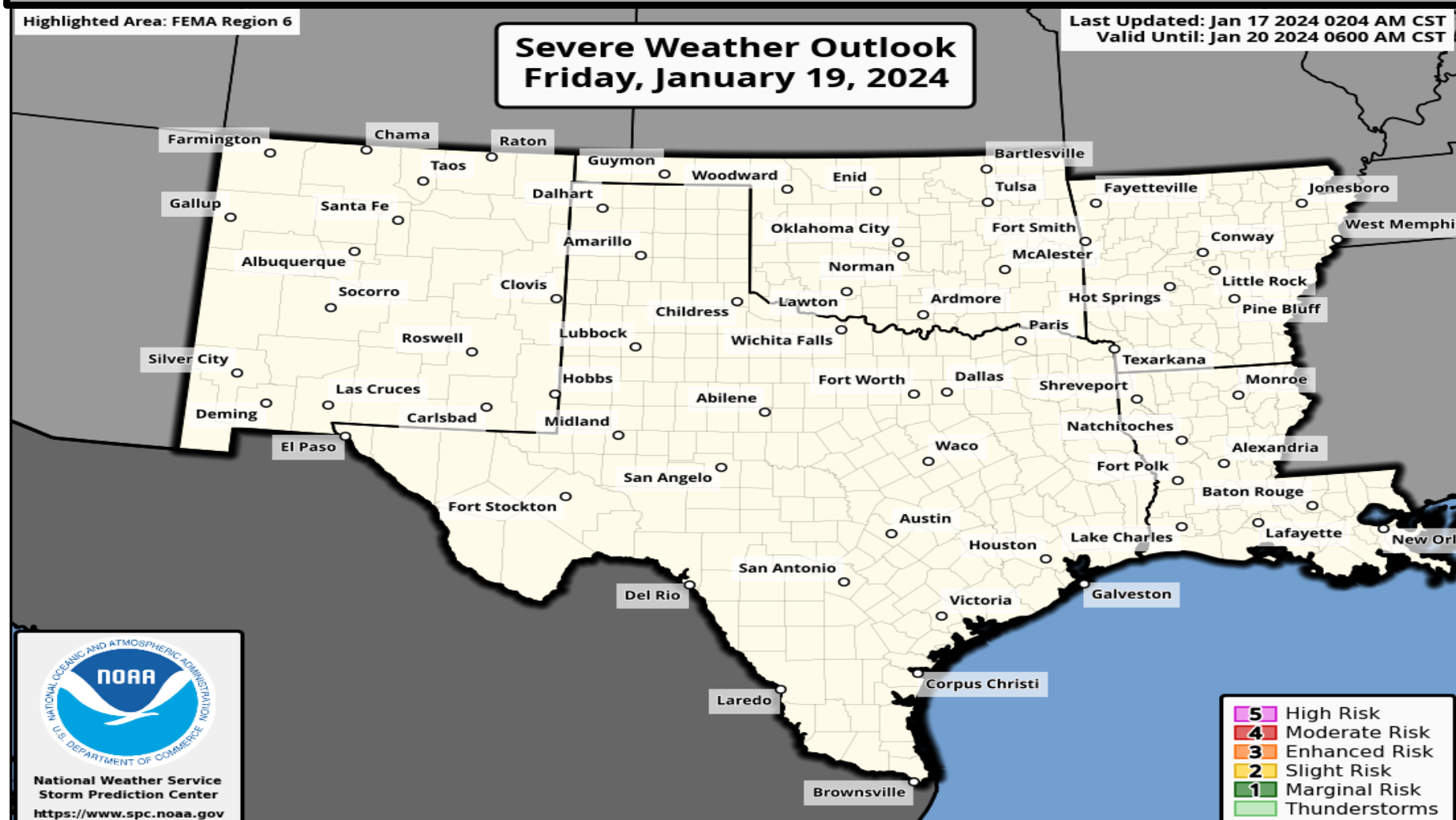


Forecast Rainfall

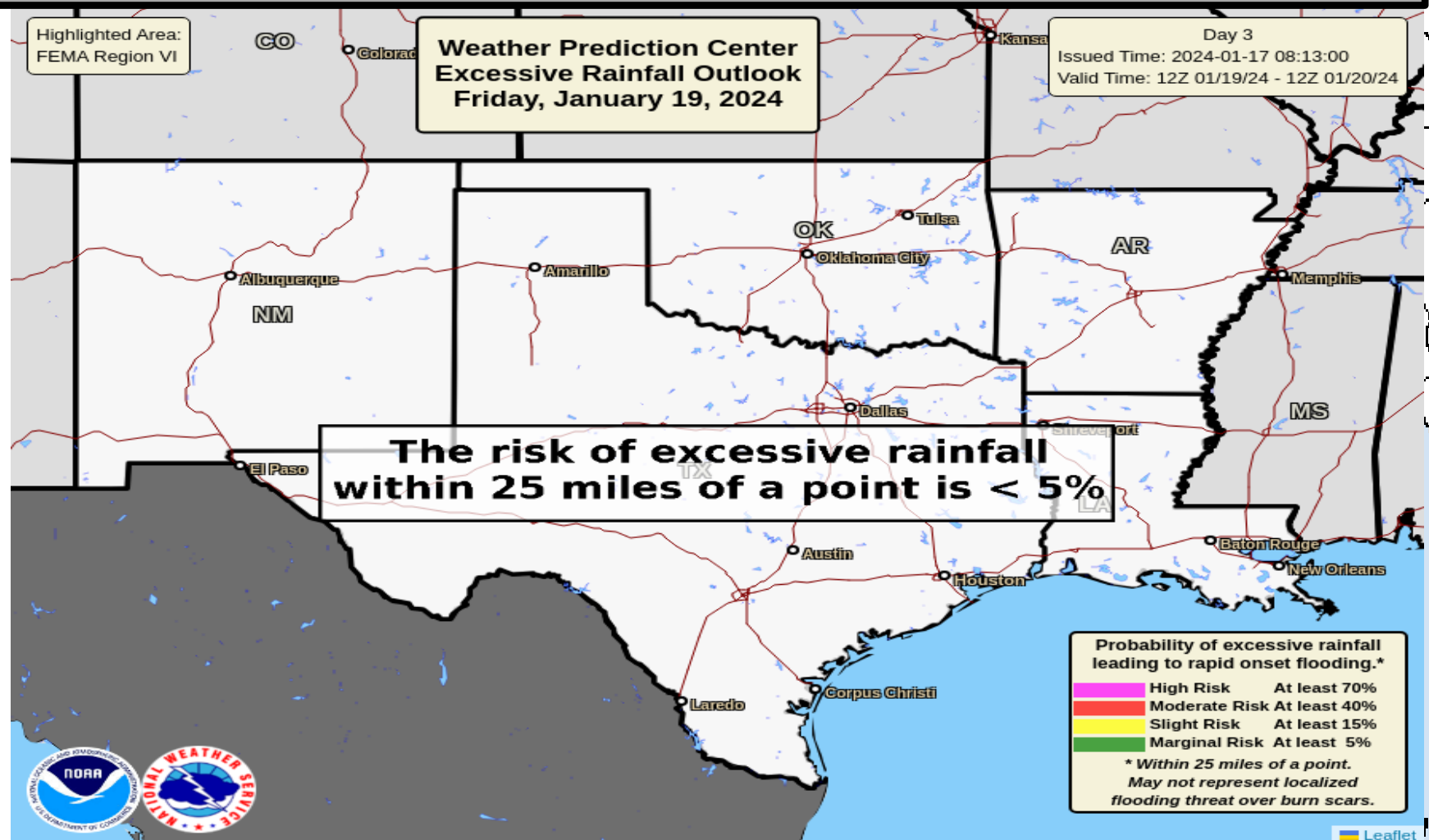


Cold temperatures (10-20 degrees below normal) for OK, AR, TX, LA.

Severe Weather Outlook



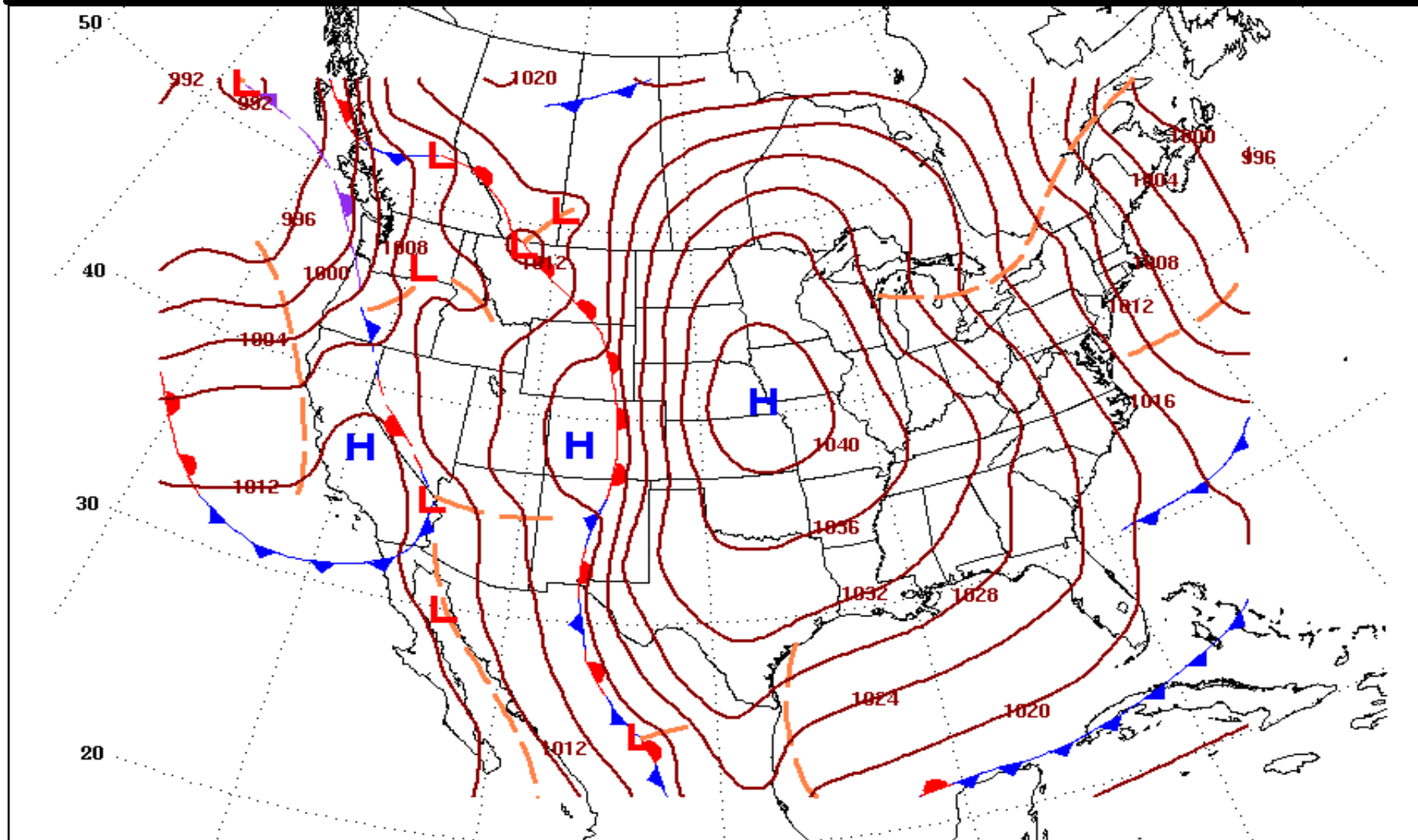
Excessive Rainfall Outlook



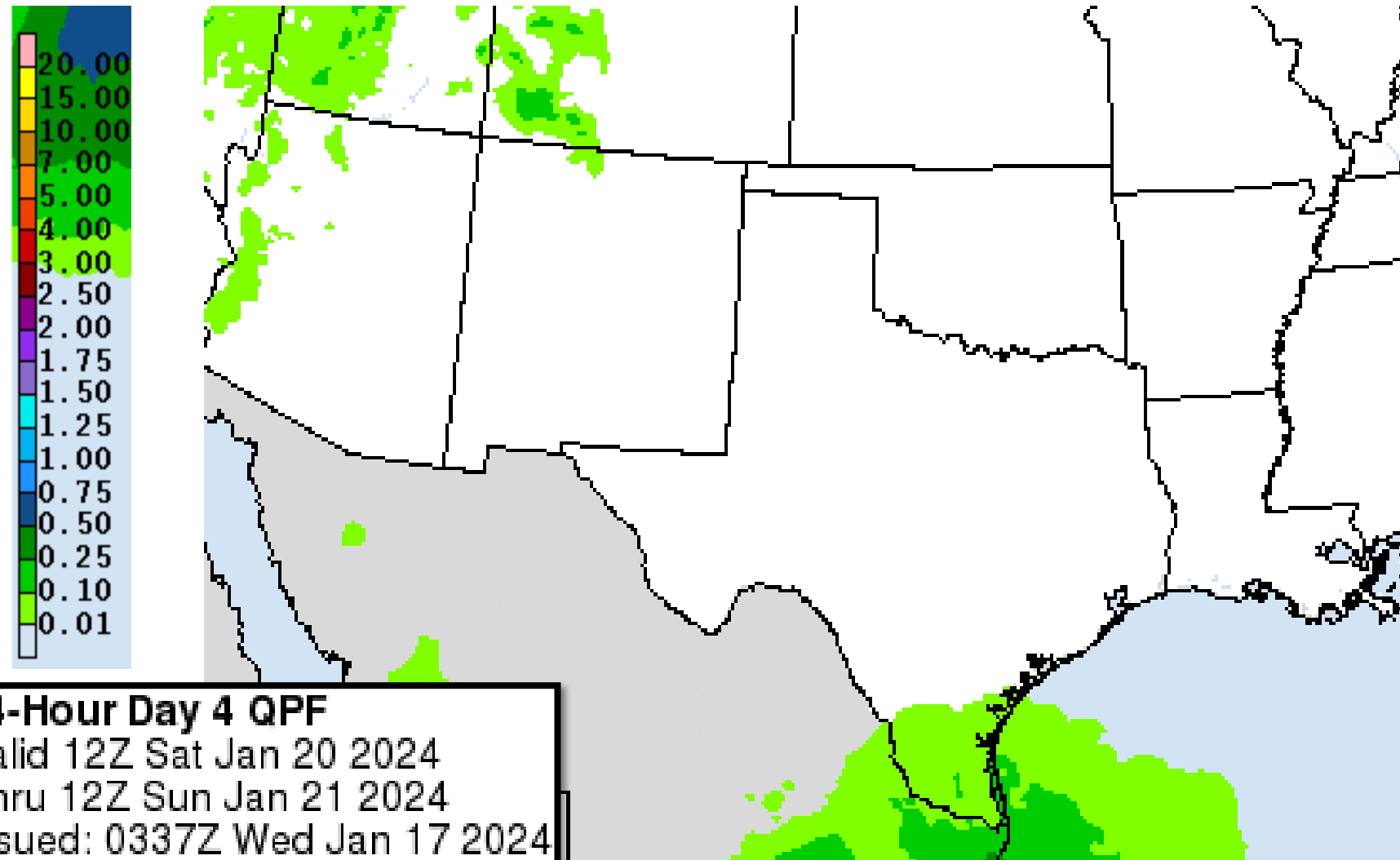


Saturday's Weather

Forecast Chart

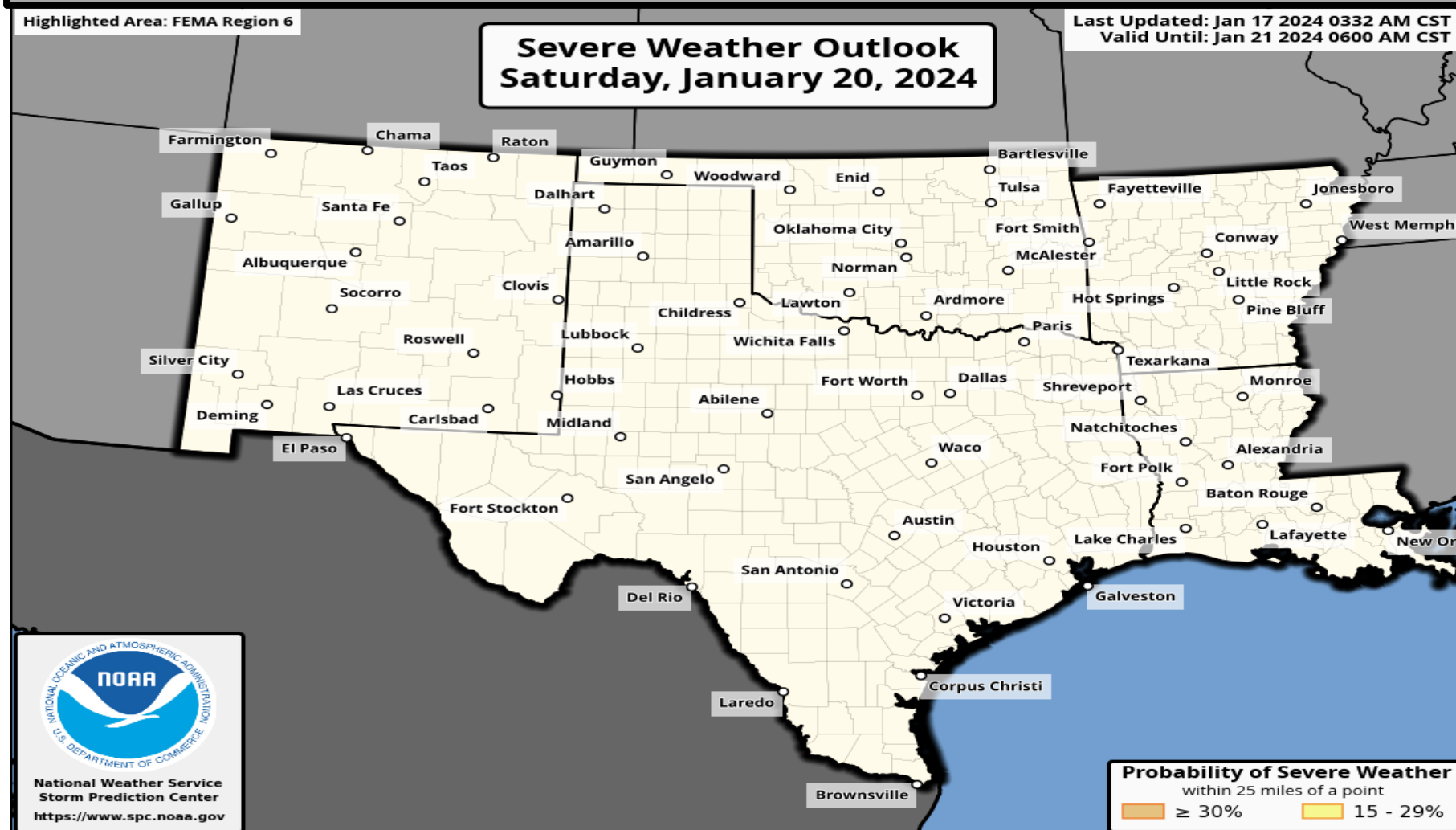


Forecast Rainfall

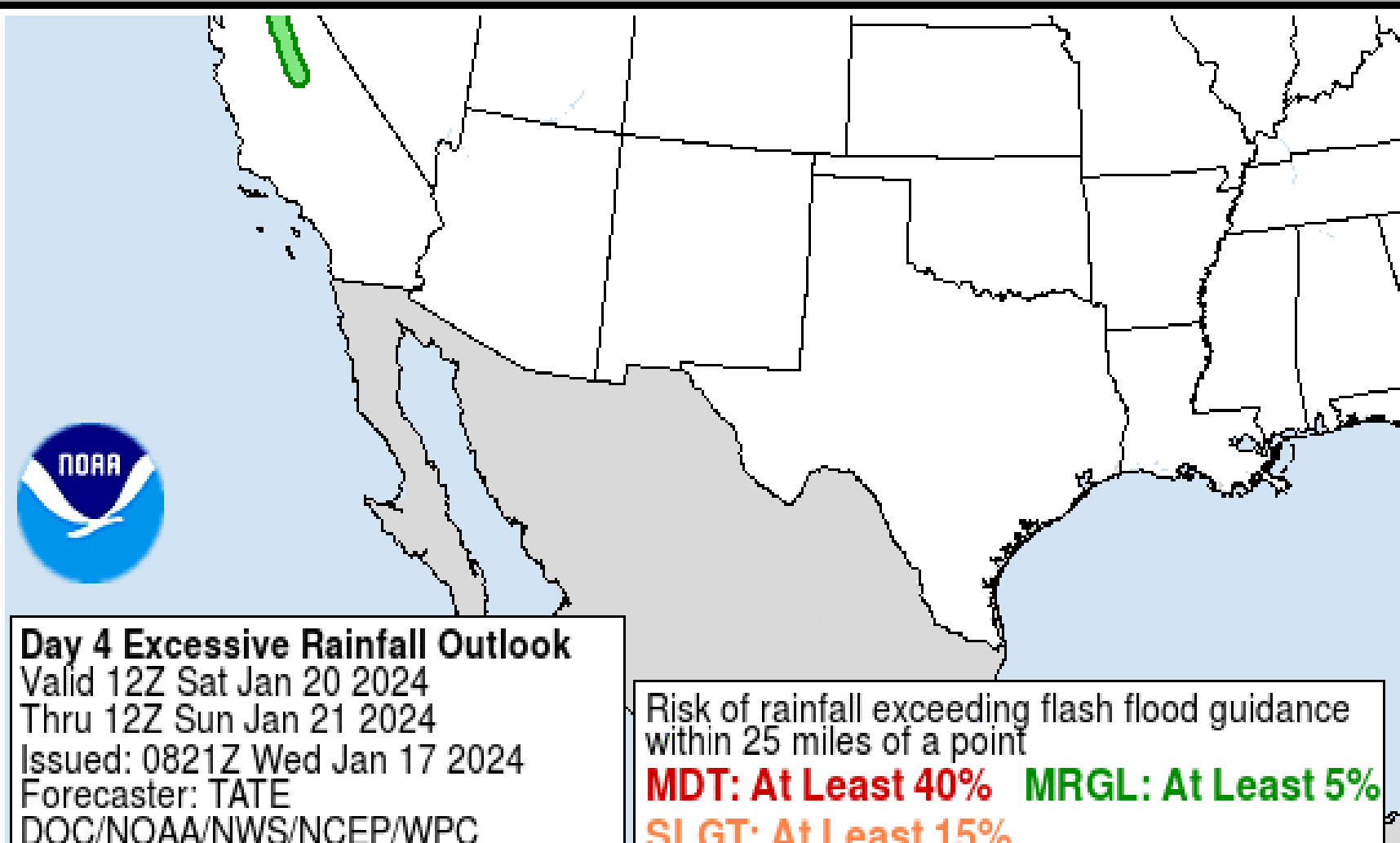


Cold temperatures (10-20 degrees below normal) for OK, AR, TX, LA.

Severe Weather Outlook



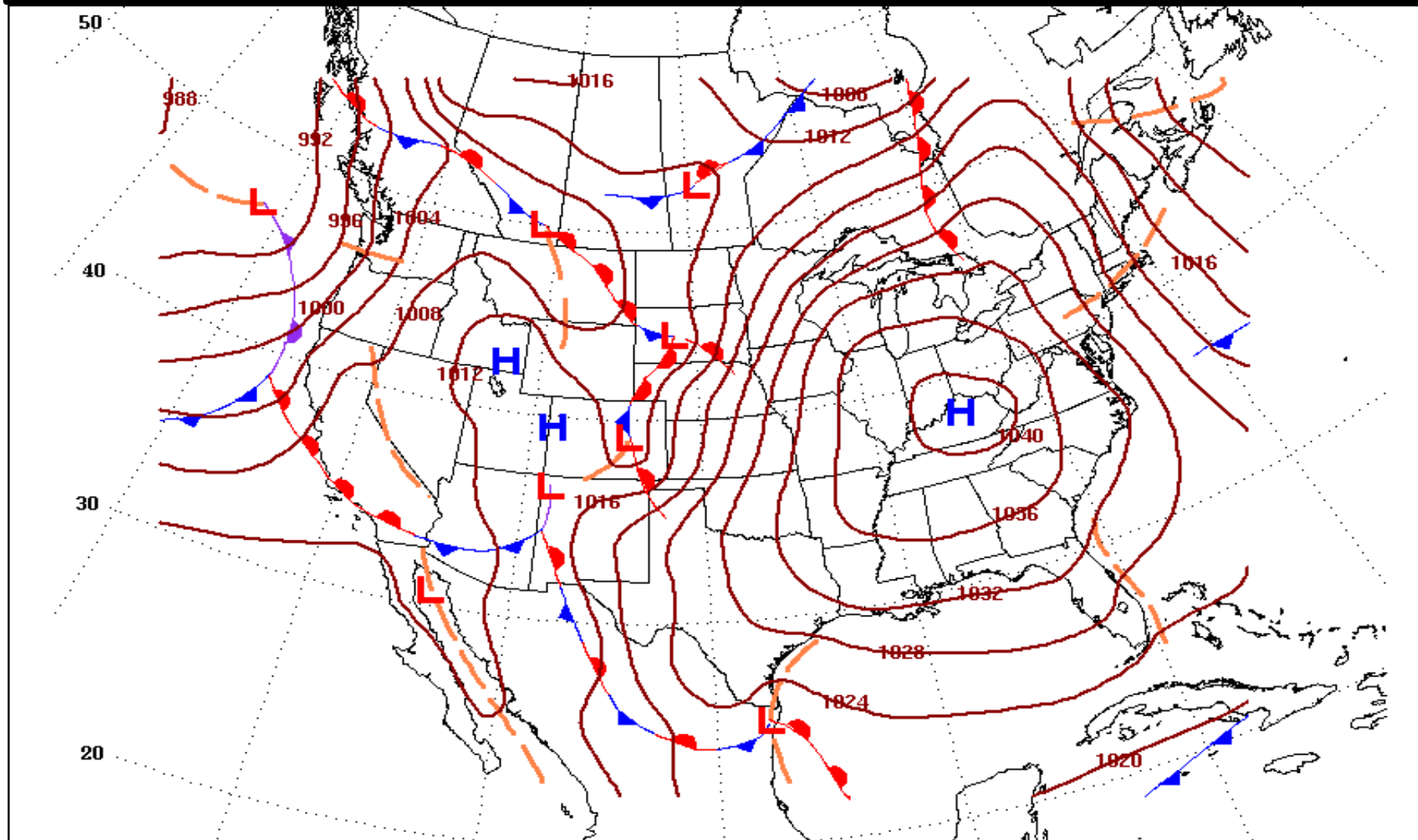
Excessive Rainfall Outlook



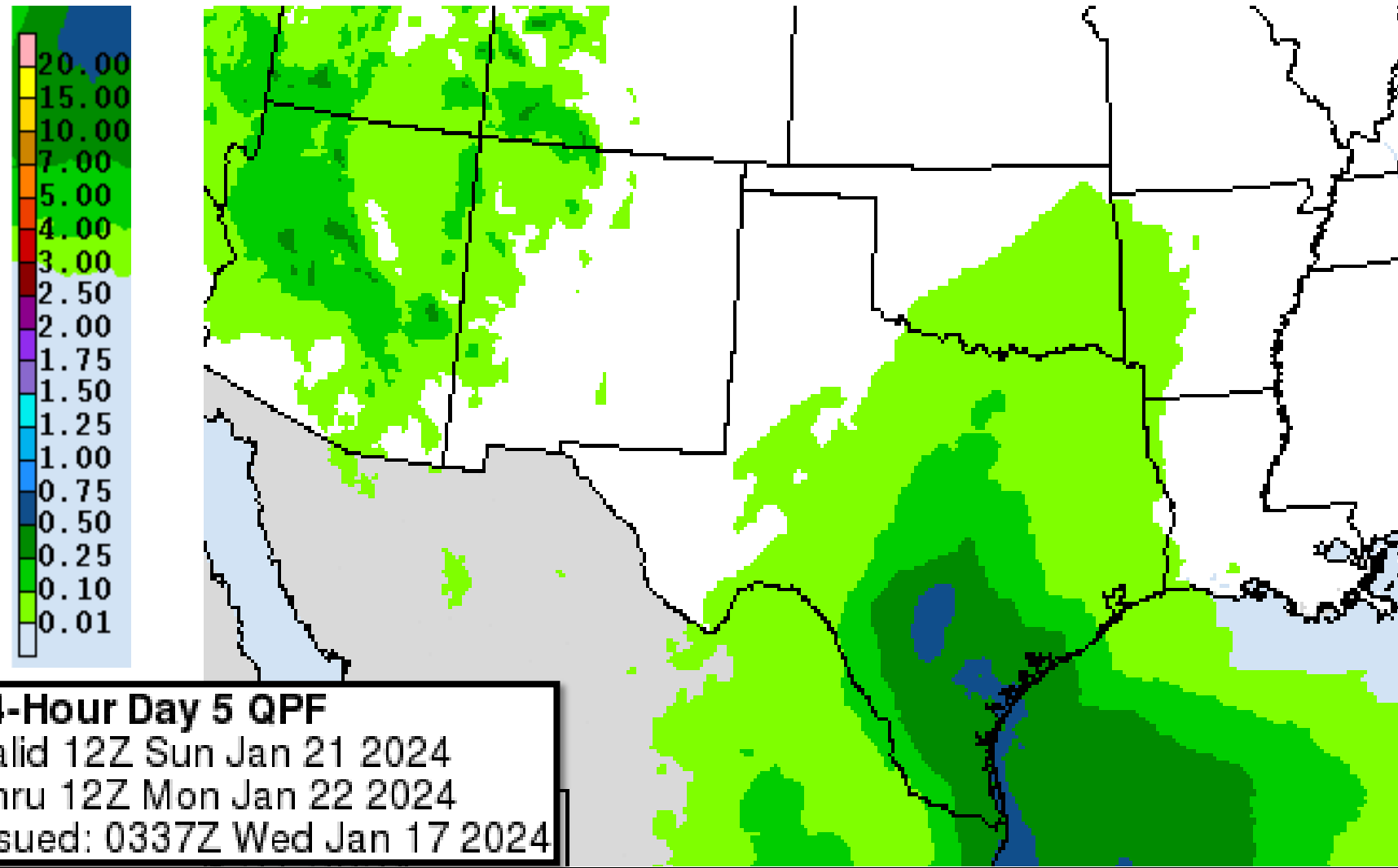


Sunday's Weather

Forecast Chart



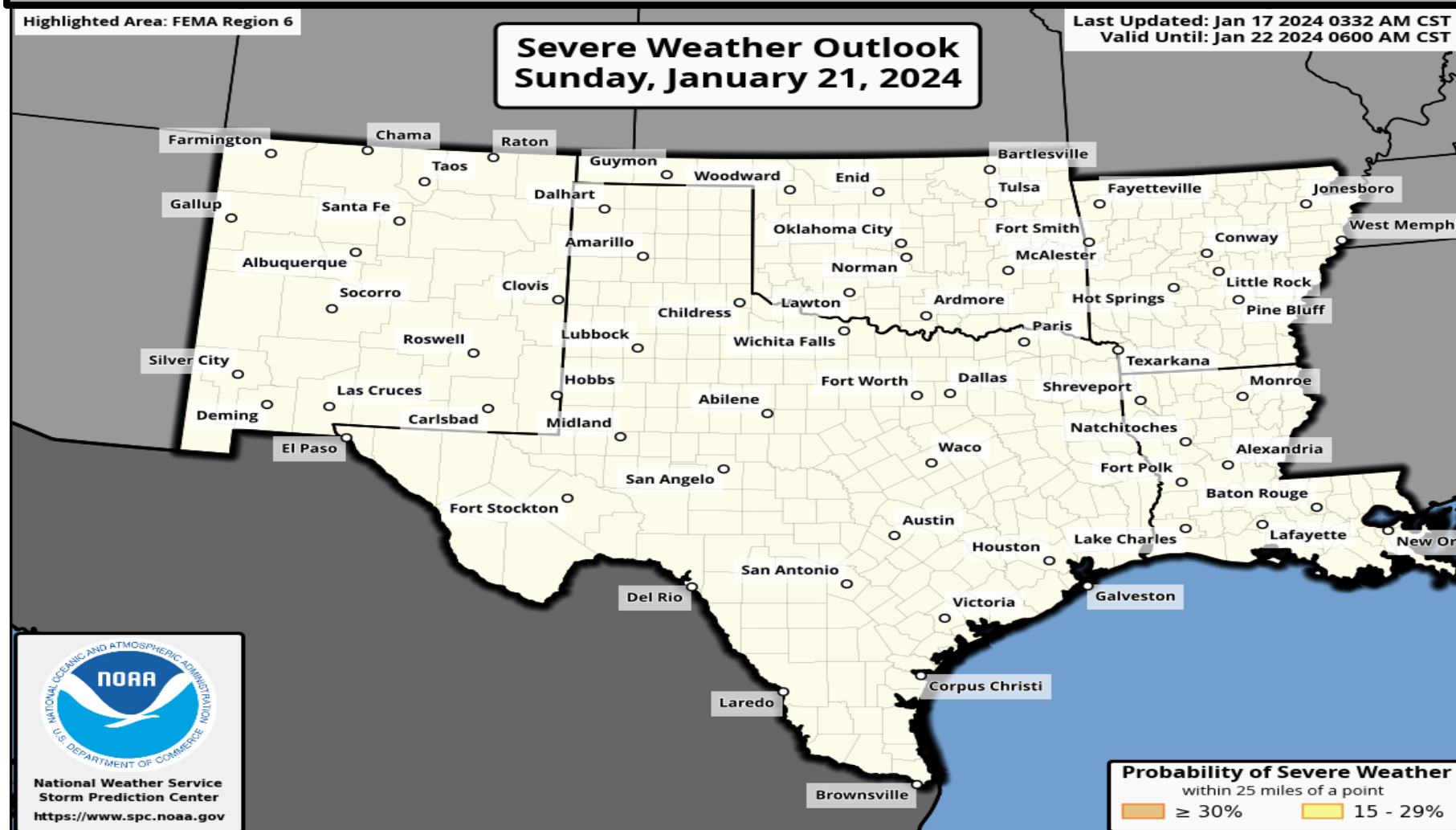
Forecast Rainfall



No significant weather expected.

24-Hour Day 5 QPF
Valid 12Z Sun Jan 21 2024
Thru 12Z Mon Jan 22 2024
Issued: 0337Z Wed Jan 17 2024

Severe Weather Outlook

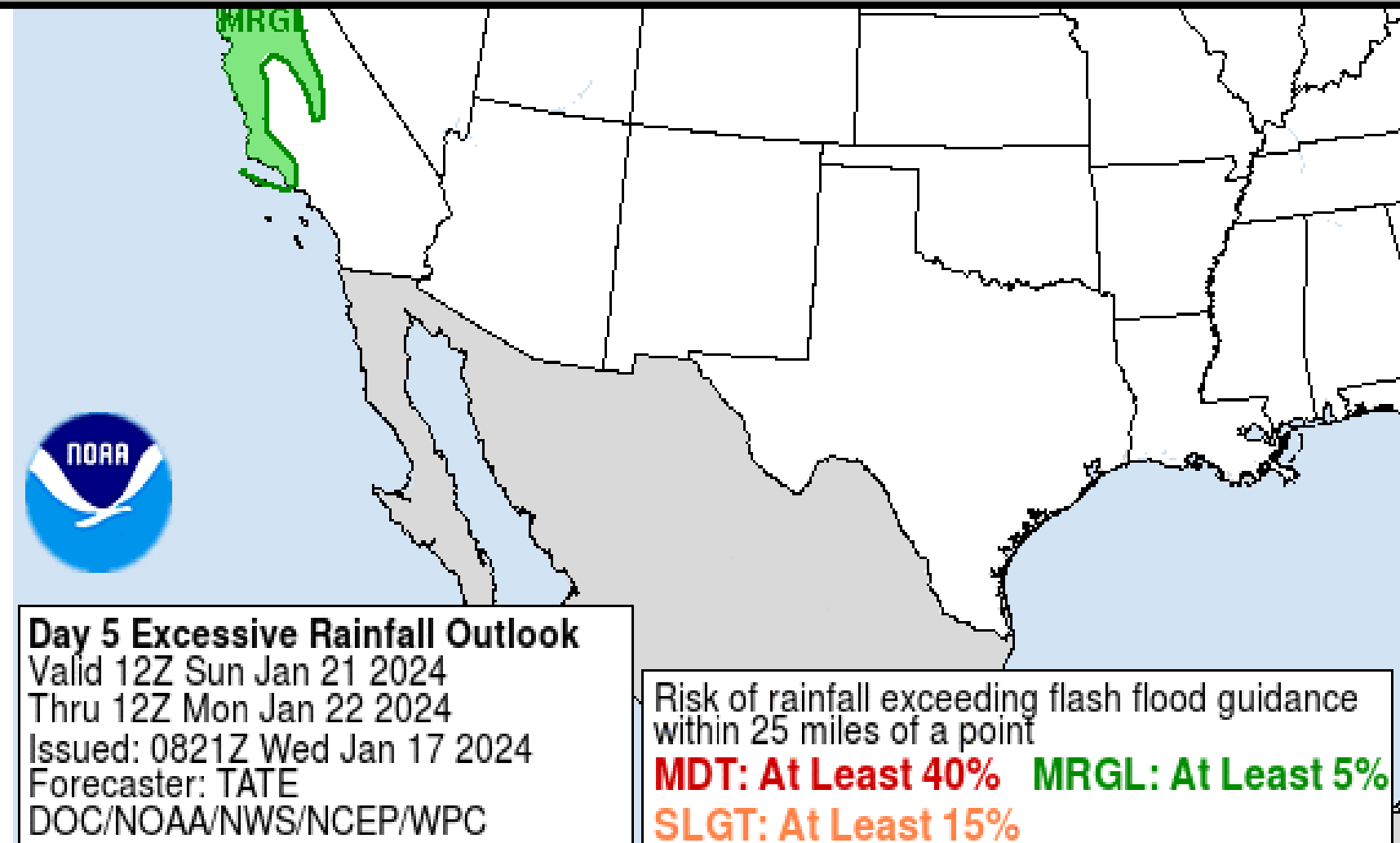


Severe Weather Outlook
Sunday, January 21, 2024

Last Updated: Jan 17 2024 0332 AM CST
Valid Until: Jan 22 2024 0600 AM CST

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

Excessive Rainfall Outlook



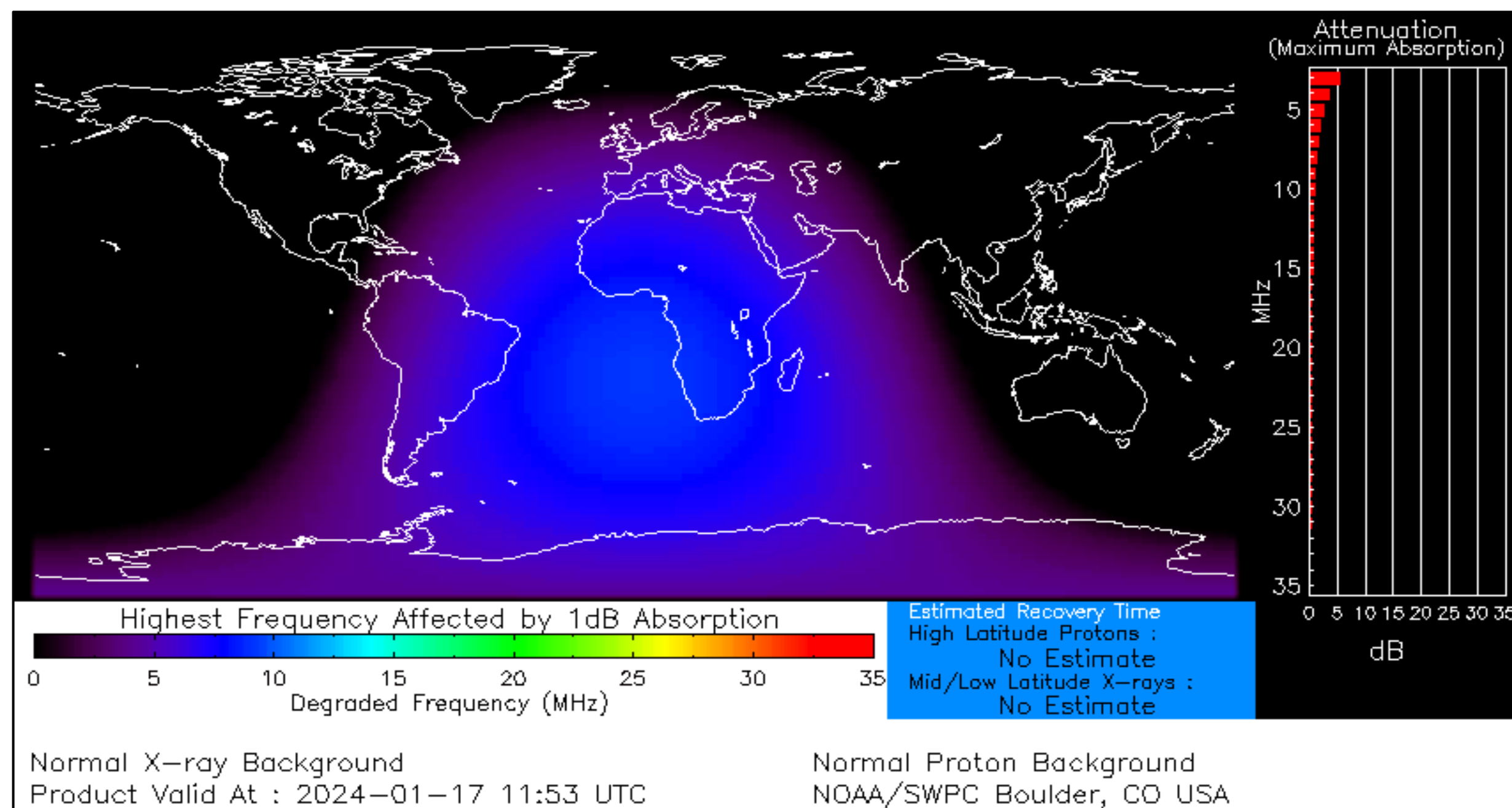
Day 5 Excessive Rainfall Outlook
Valid 12Z Sun Jan 21 2024
Thru 12Z Mon Jan 22 2024
Issued: 0821Z Wed Jan 17 2024
Forecaster: TATE
DOC/NOAA/NWS/NCEP/WPC

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%



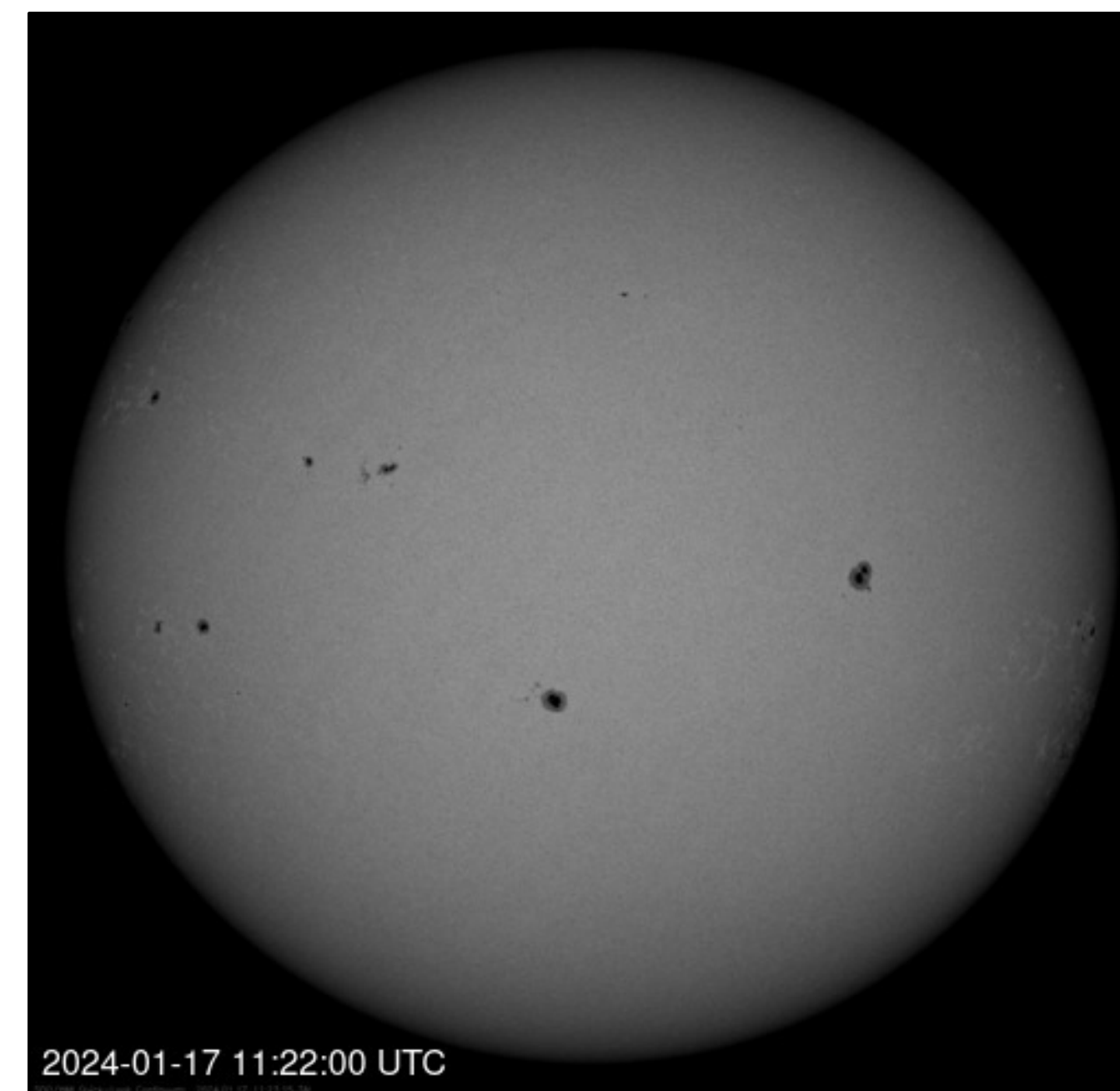
Space Weather 3-Day Forecast

| | Wednesday | Thursday | Friday |
|--------------------------------------|-----------------------------------|-------------------------------|-------------------------------|
| Geomagnetic Storms | Unsettled (Max Kp = 3) | Quiet (Max Kp = 2) | Quiet (Max Kp = 2) |
| Solar Radiation Storm (S1-S5) | 5% | 5% | 5% |
| Radio Blackout (R1-R2) | 30% | 30% | 30% |
| Radio Blackout (R3-R5) | 5% | 5% | 5% |



[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