



FEMA



Prepared by
Mark Wiley

FEMA Region 6 Weather Threat Briefing

Friday December 8, 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.



NWSSouthern

www.weather.gov/srh



Summary of the Upcoming Week

- **Elevated fire weather conditions for SE NM, W/NW TX, W OK and the TX Panhandle/South Plains today and over SW TX on Saturday.**
- **Gusty winds for parts of E/S NM and W TX today with winds up to 50-60mph.**
- **Marginal risk of severe storms over E OK, AR, NE TX tonight. Slight risk over E/SE TX, AR, and LA Saturday. Damaging winds/hail the main threats though a tornado or two is possible over N LA, S/SE AR on Saturday.**
- **Light snow expected tonight into Saturday morning over N/NE NM into the W OK Panhandle and NW TX Panhandle.**



FEMA Region 6 Threat Matrix

Dec 8, 2023 - Dec 12, 2023

| DAY / THREAT | Fri | Sat | Sun | Mon | Tue |
|--------------------------------|---|---|-----|-----|-----|
| Severe Storms | SE OK, AR, NETX, NW LA | E/SE TX, AR, LA | | | |
| Heavy Rain / Flash Flooding | | LA, S/E AR | | | |
| Fire Weather | SE NM, W/NW TX, W OK, TX Panhandle/S Plains | SW TX | | | |
| Winds | E/S NM, W TX | | | | |
| Winter Weather | W OK Panhandle, NW TX Panhandle, N/NE NM (P.M.) | W OK Panhandle, NW TX Panhandle, N/NE NM (A.M.) | | | |
| 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

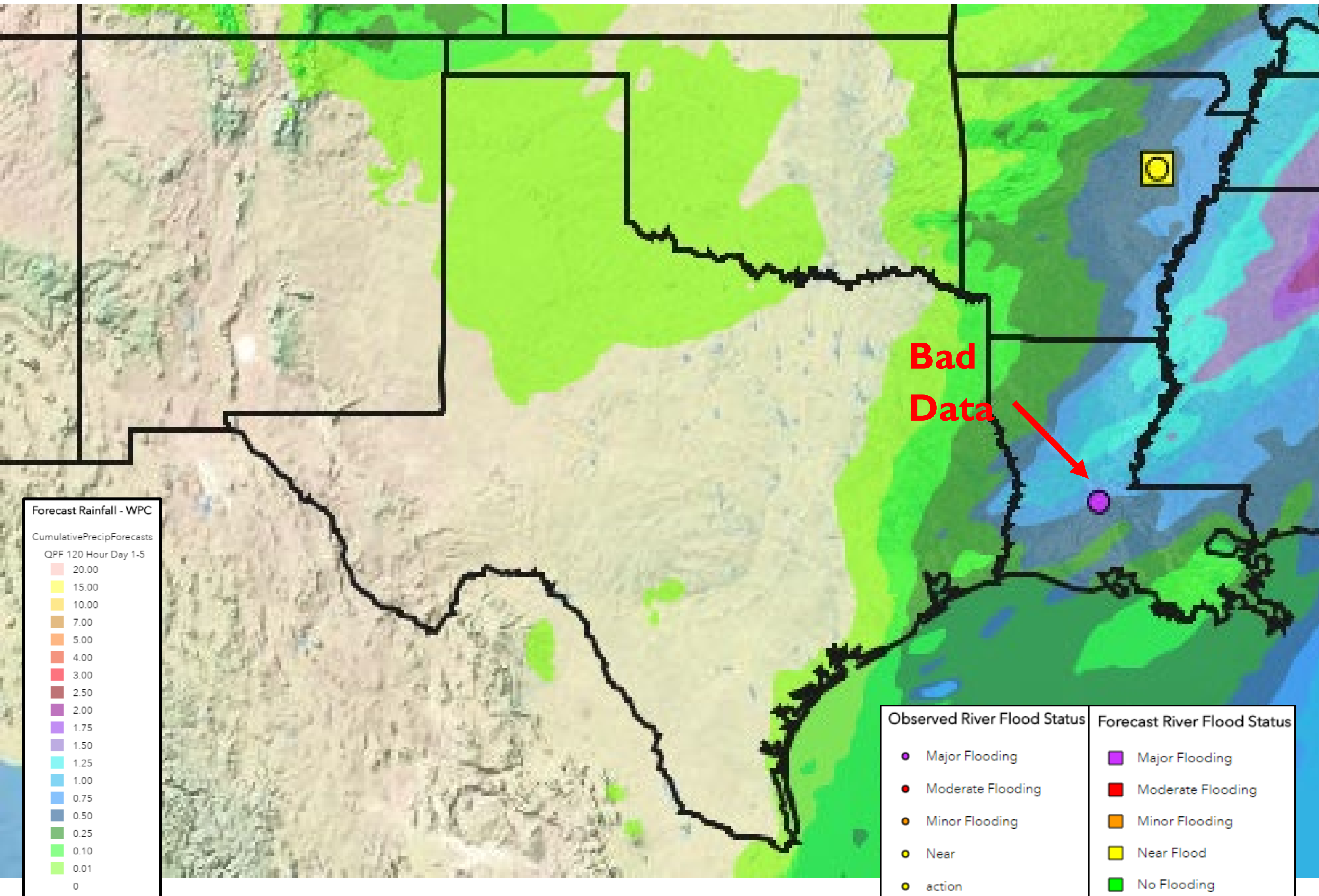
Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

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



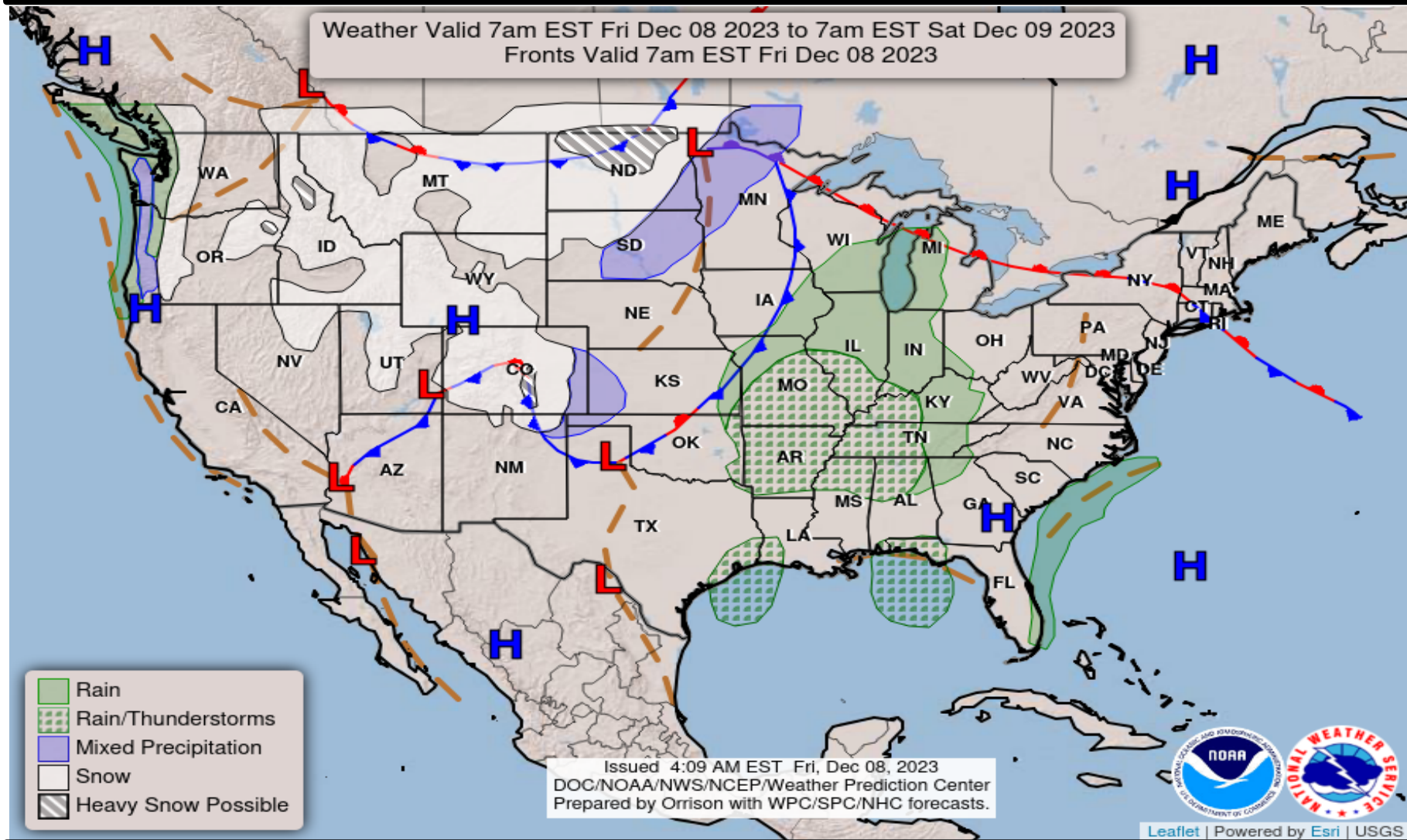
No significant river flooding expected.

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

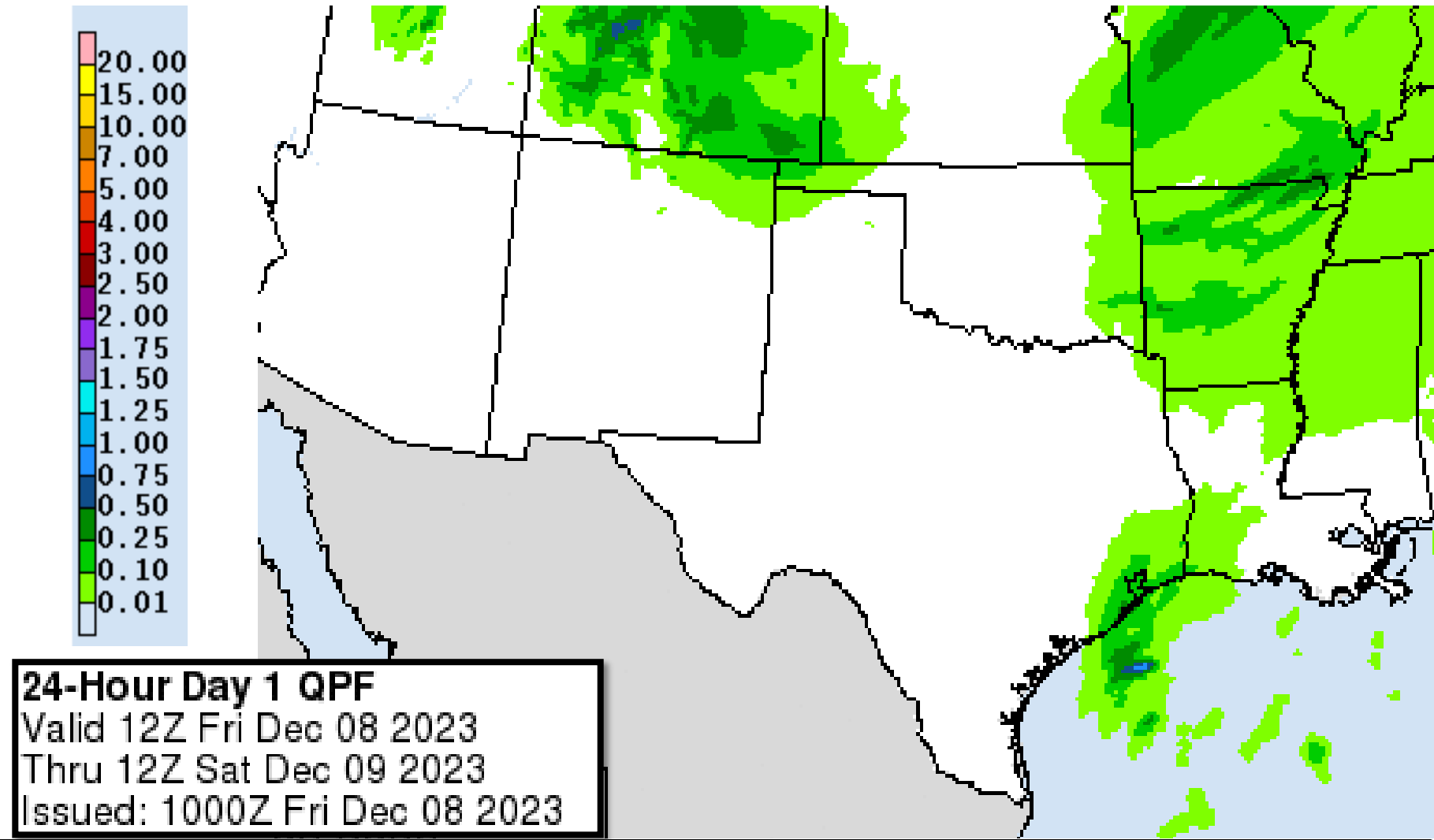


Today's Weather

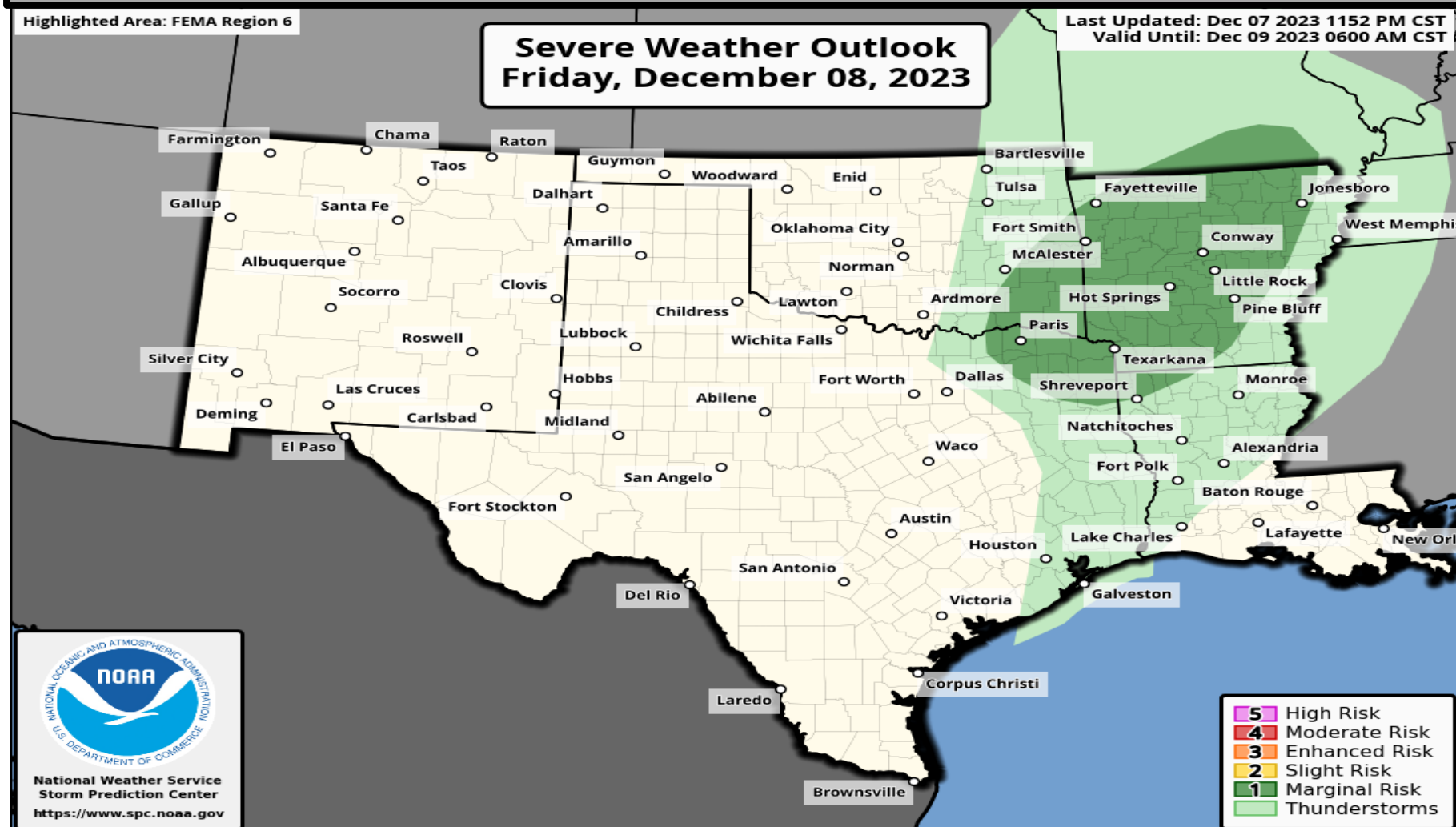
Forecast Chart



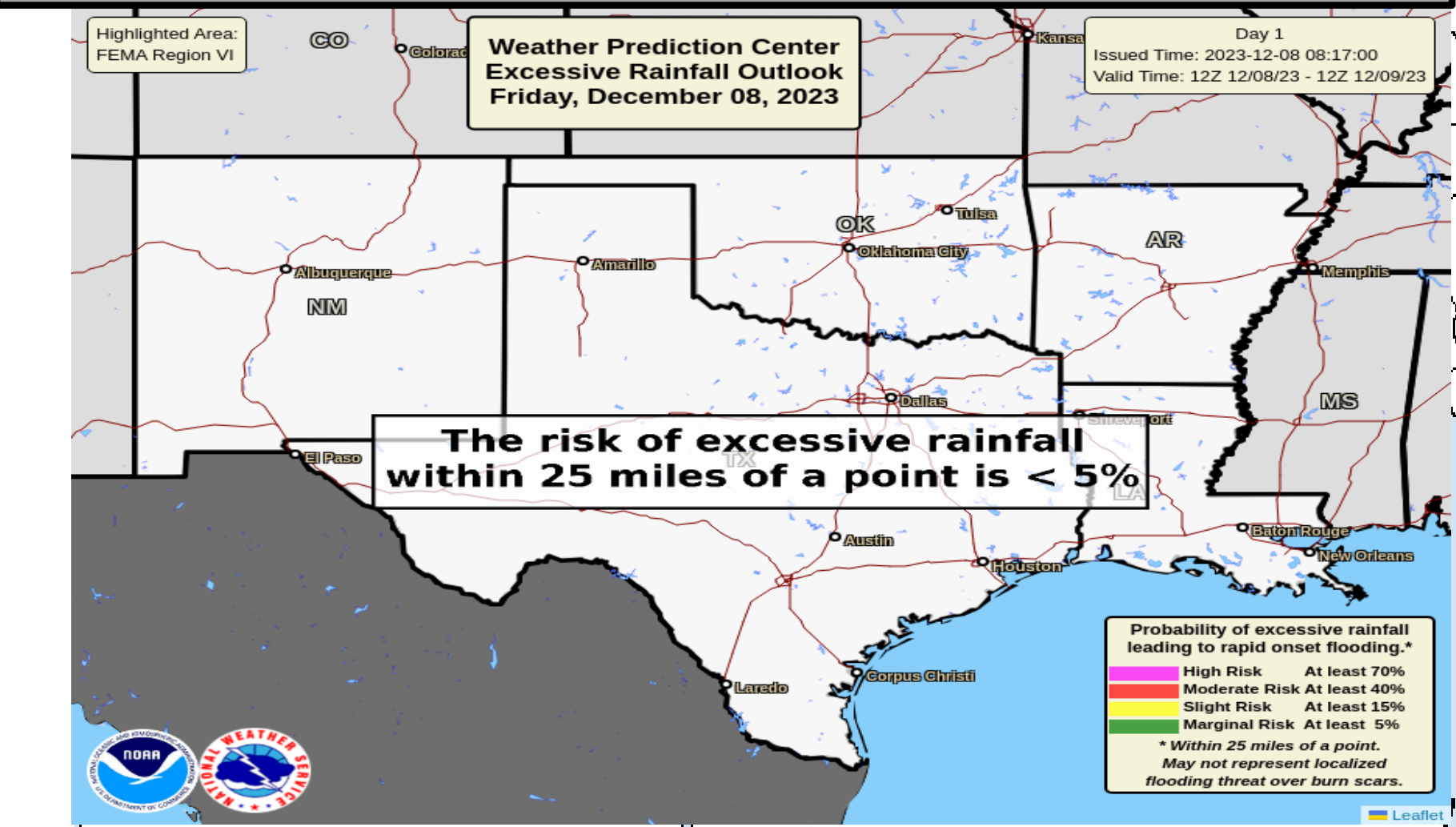
Forecast Rainfall



Severe Weather Outlook



Excessive Rainfall Outlook



Elevated fire weather conditions for SE NM, W OK, W/NW TX, and TX S Plains.

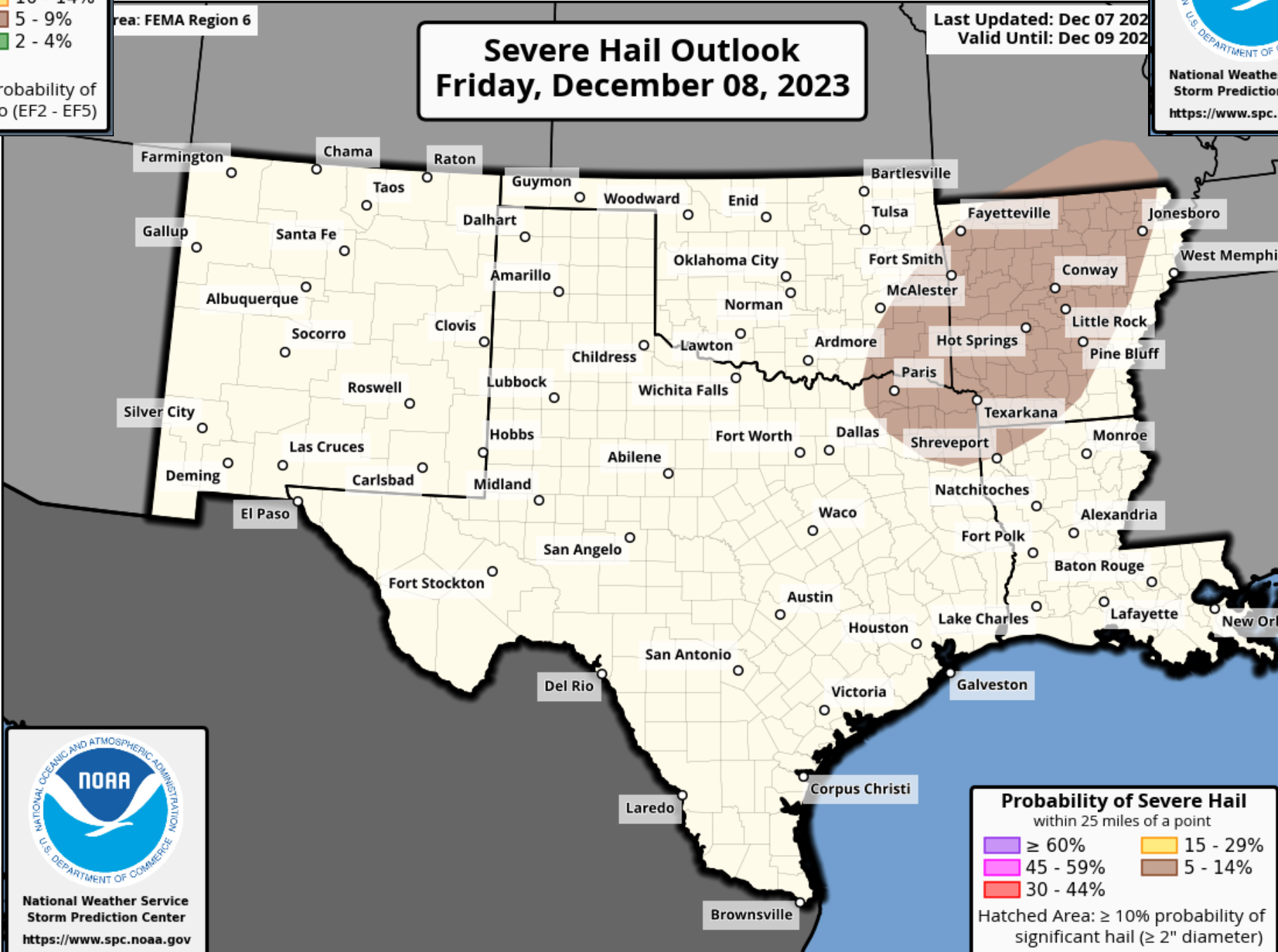
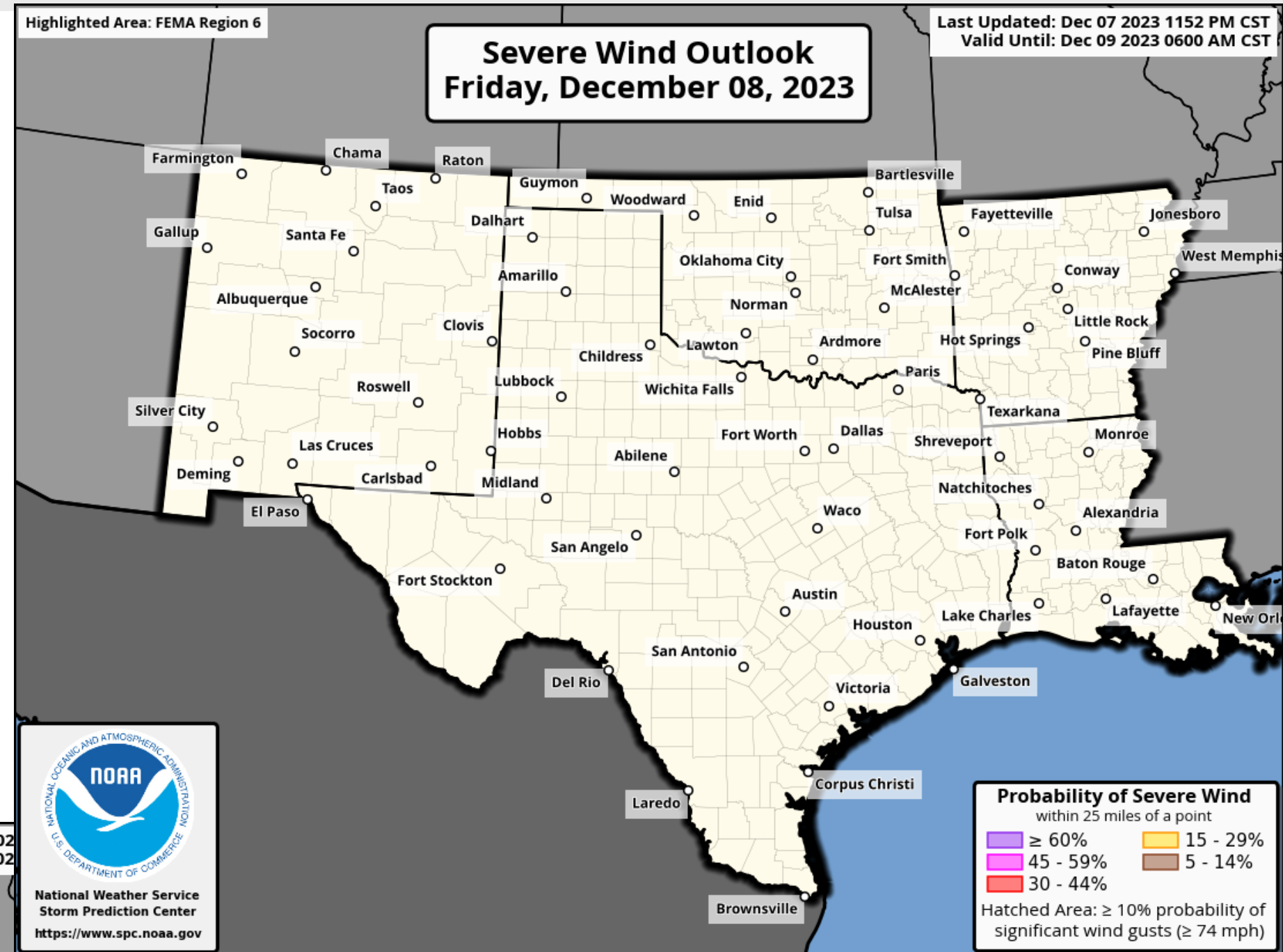
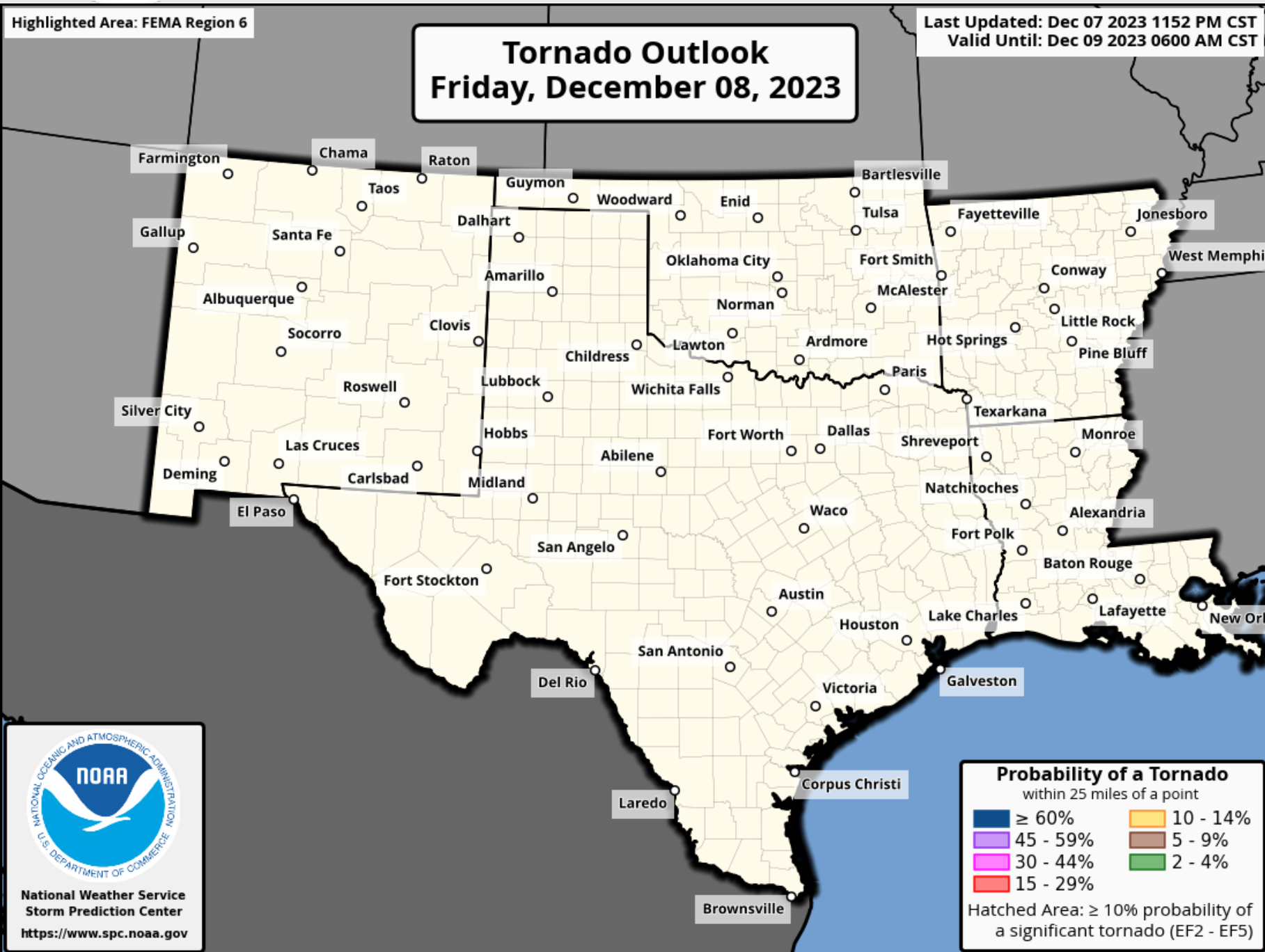
Marginal risk of severe storms in E OK, AR, and NE TX. A few storms tonight into early Saturday morning may contain 1+ inch hail which may result in damage to property.

Windy conditions in parts of E/S NM and W TX may blow around unsecured objects. Expect strong crosswinds on area roadways. A few power outages are possible.

Light snow tonight over N/NE NM, W OK Panhandle and NW TX Panhandle may result in slick roads.

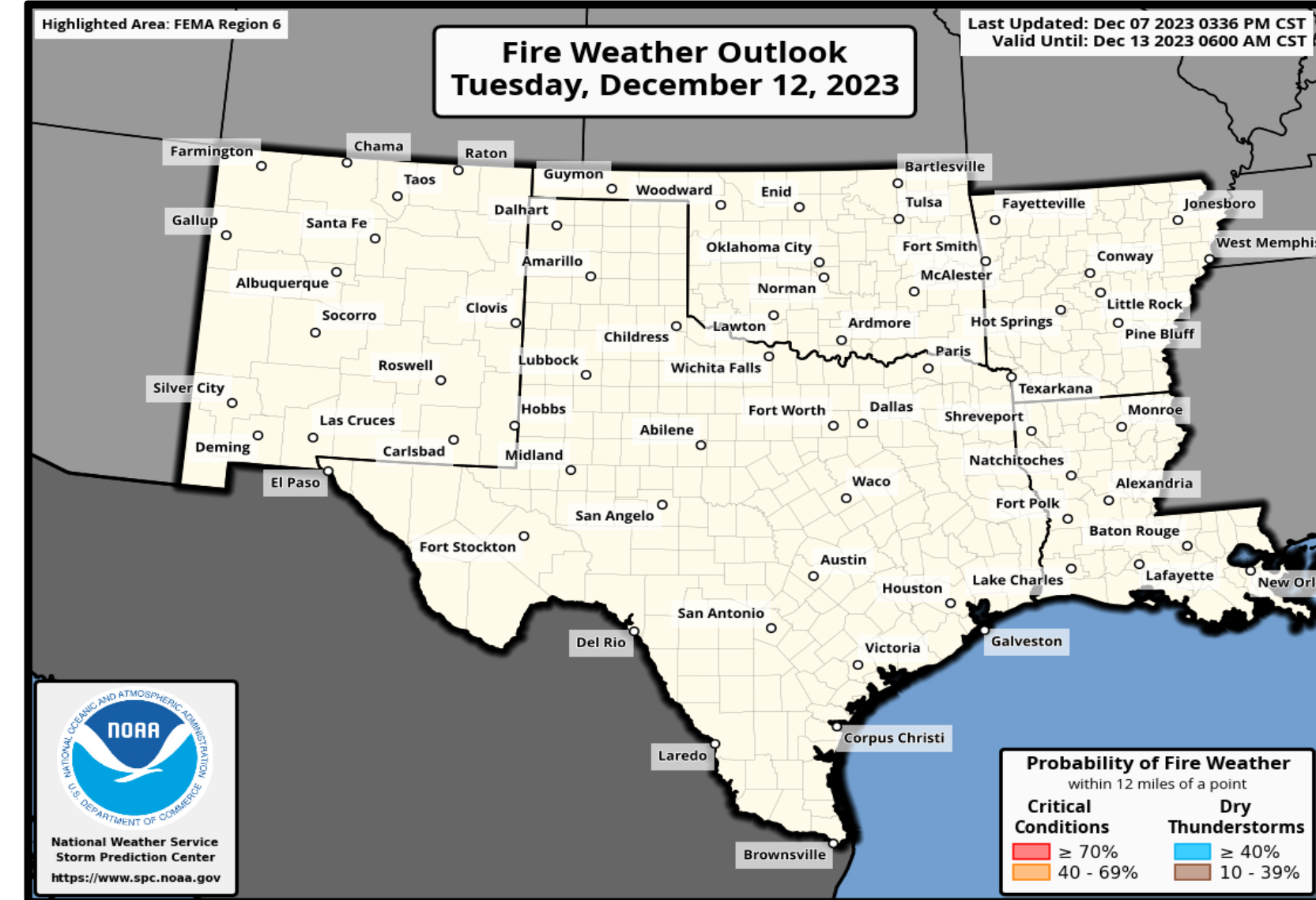
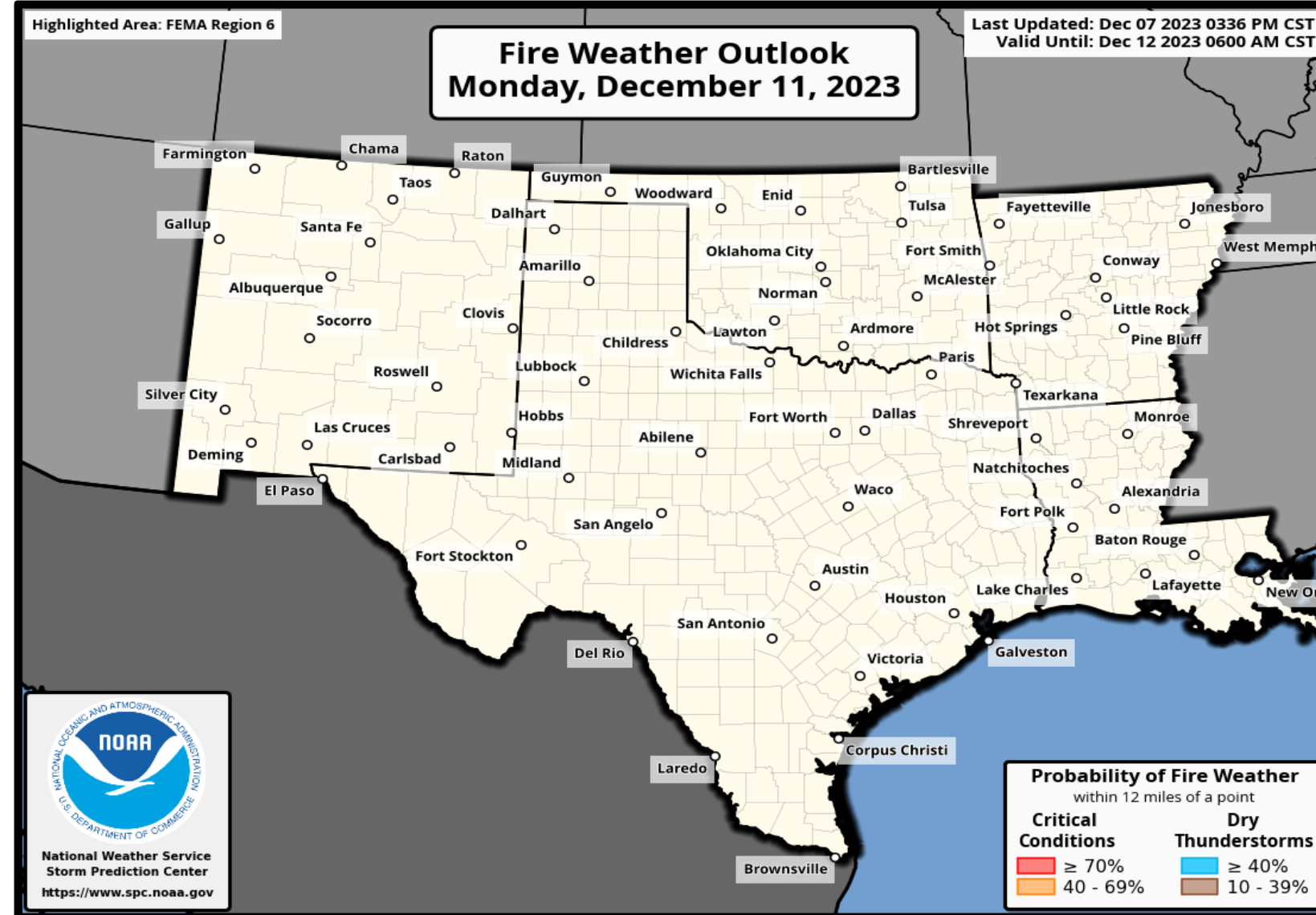
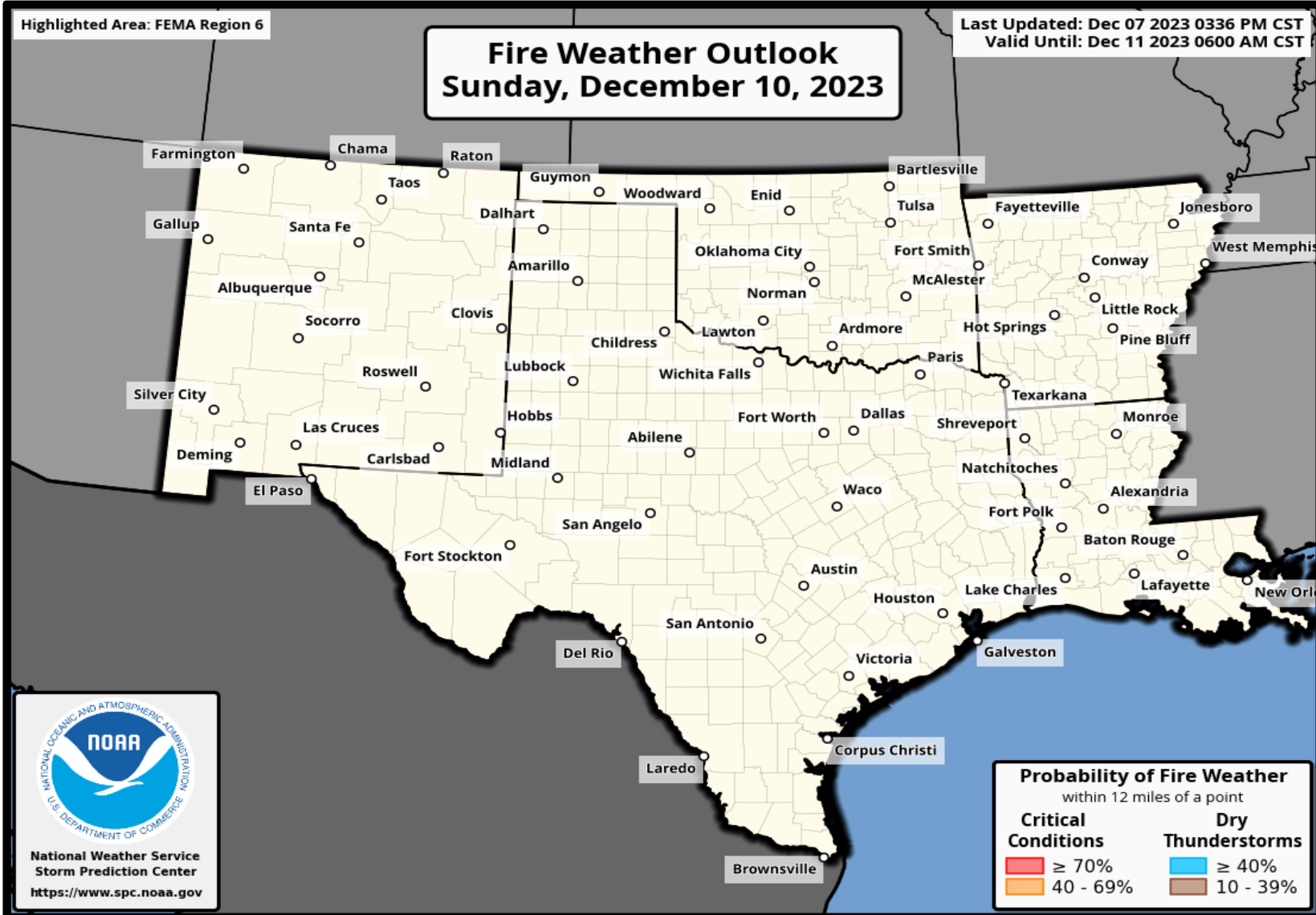
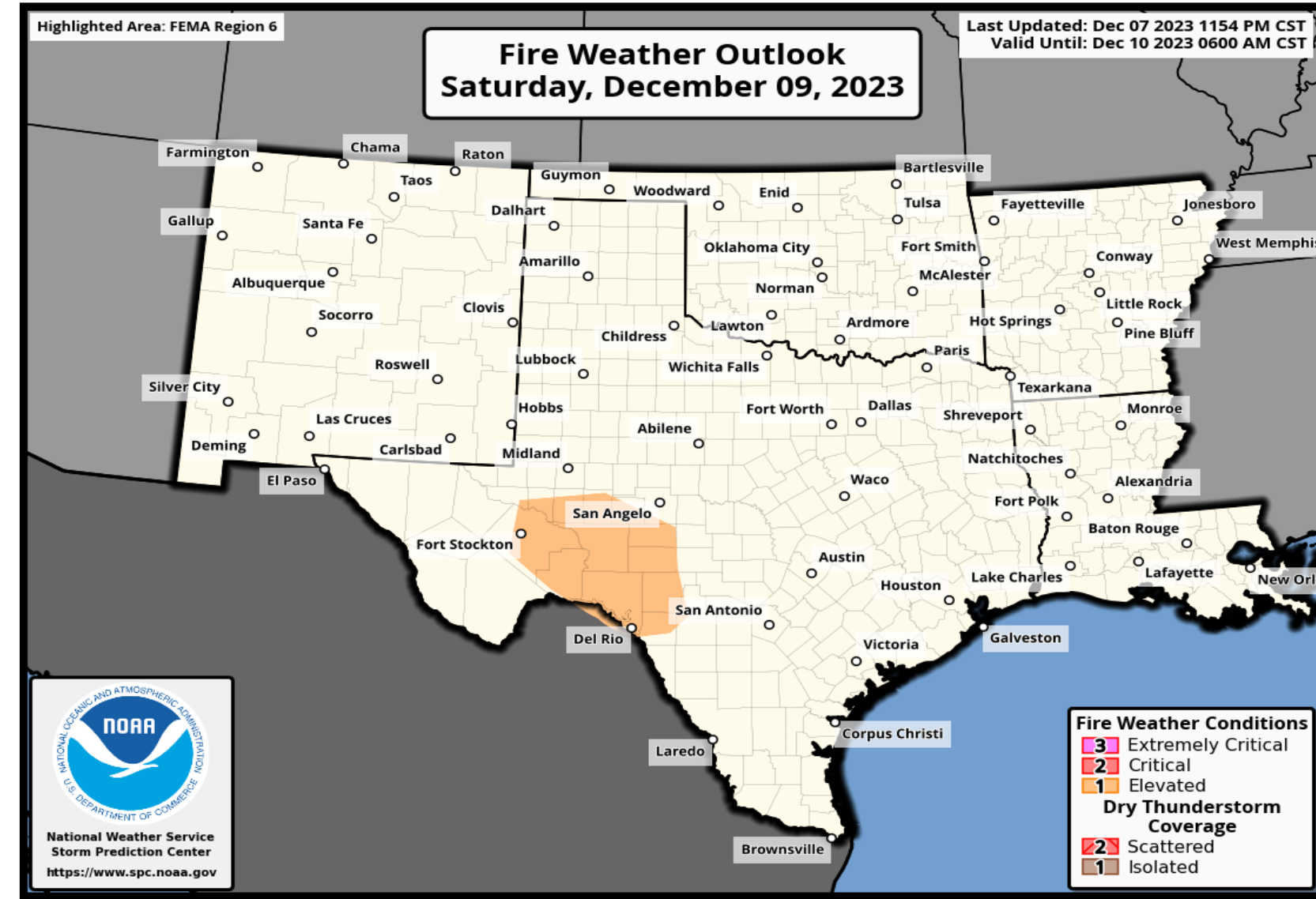
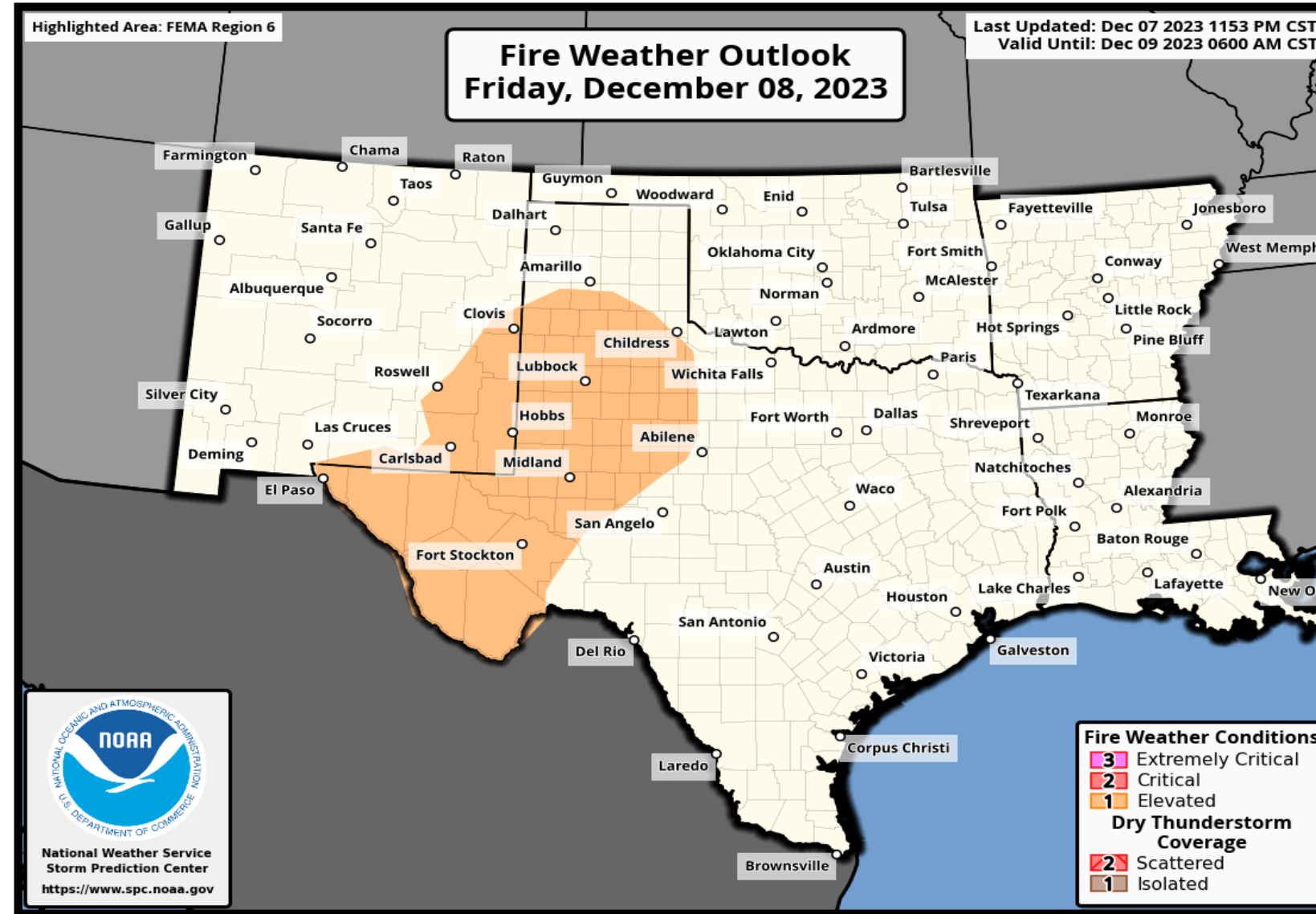
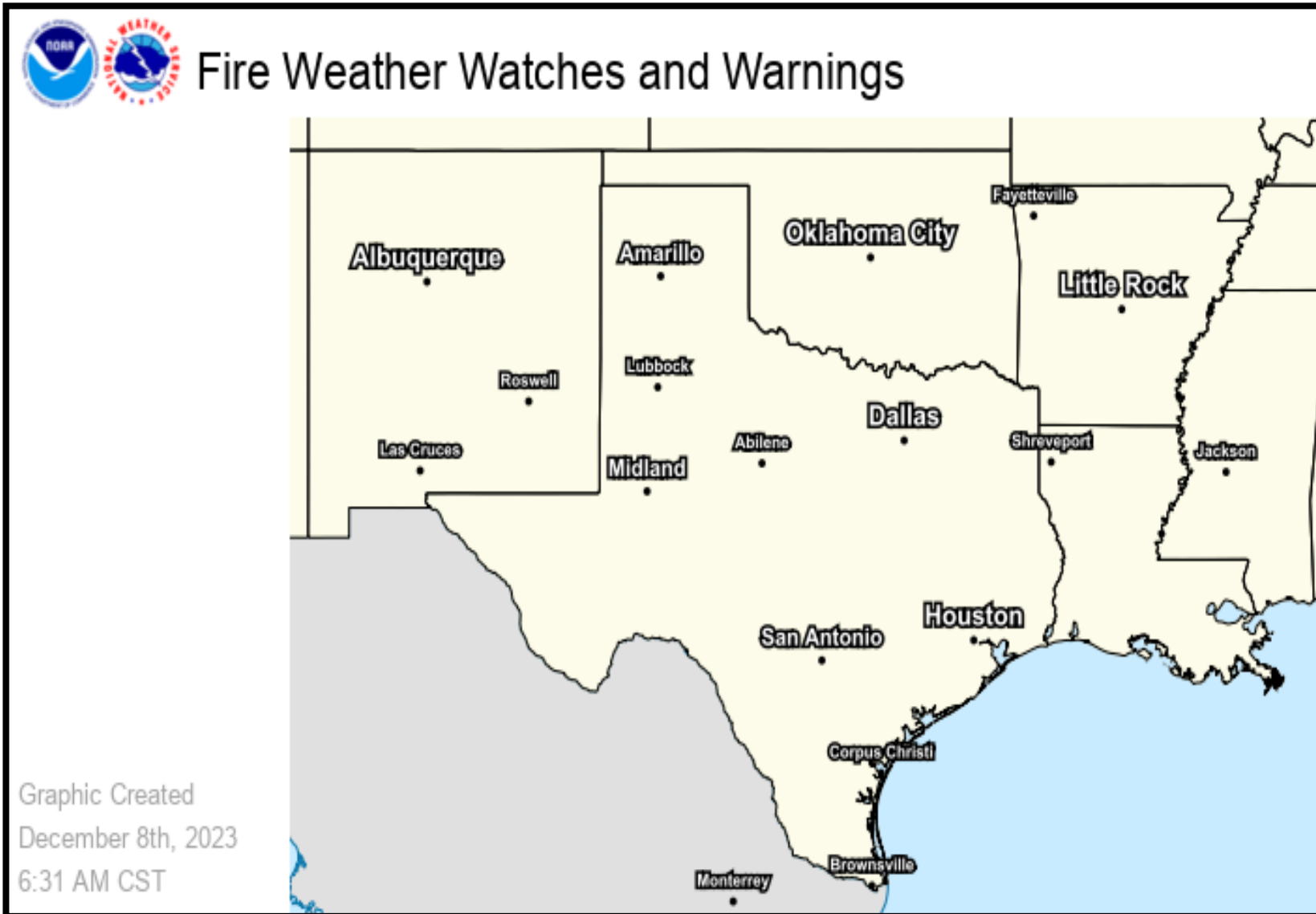


Today's Tornado & Severe Wind / Hail Probabilities





Fire Weather Outlooks

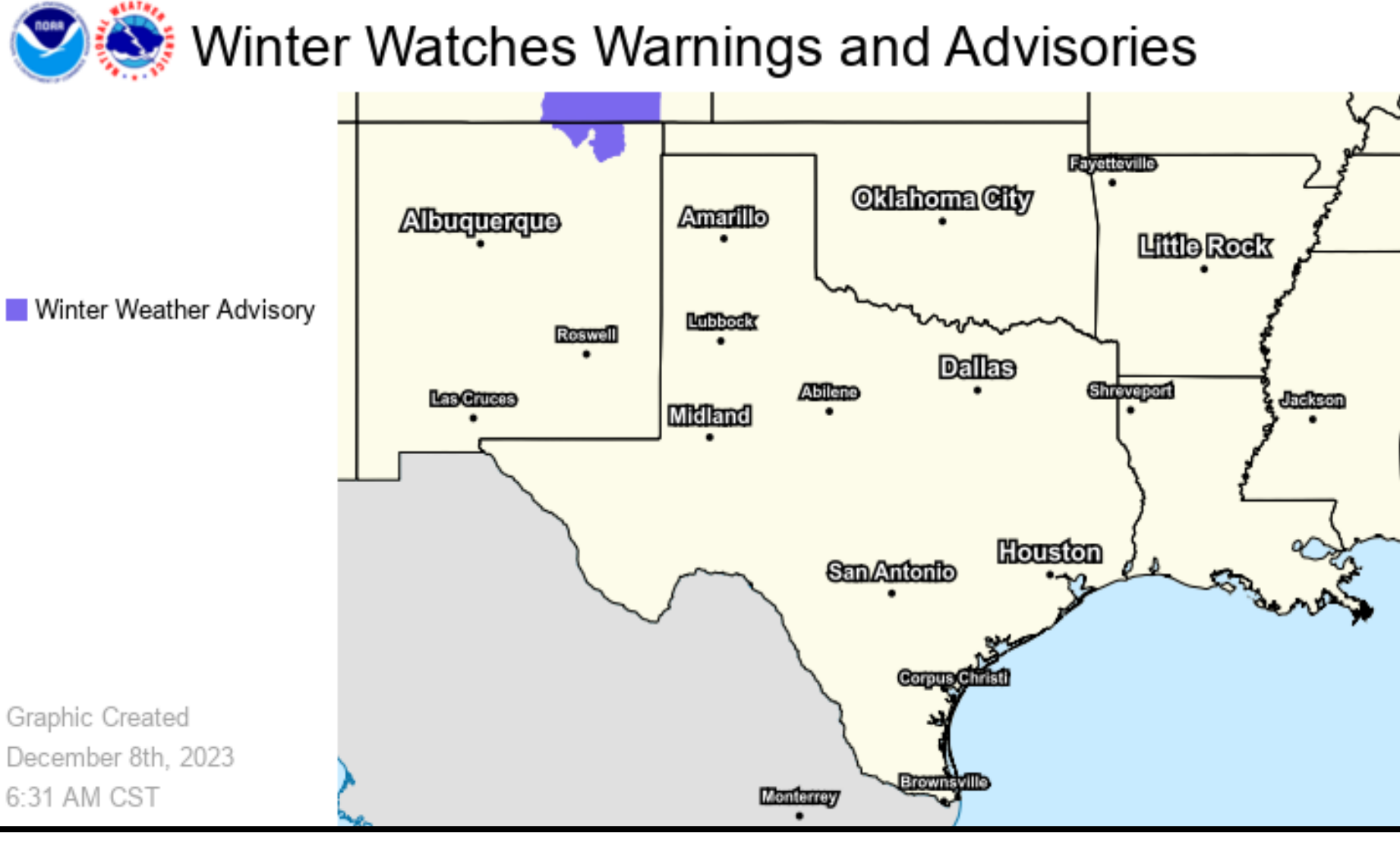
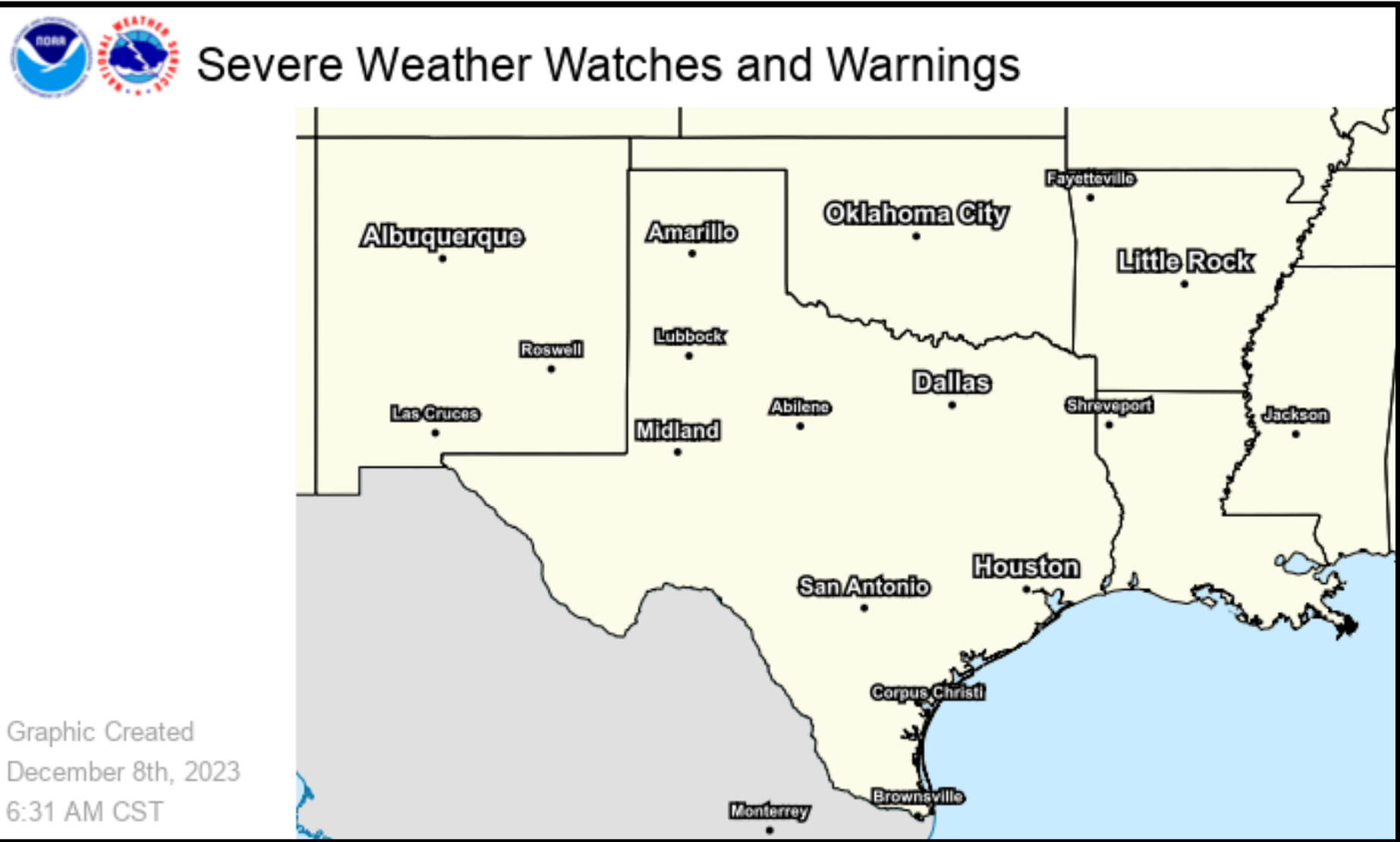
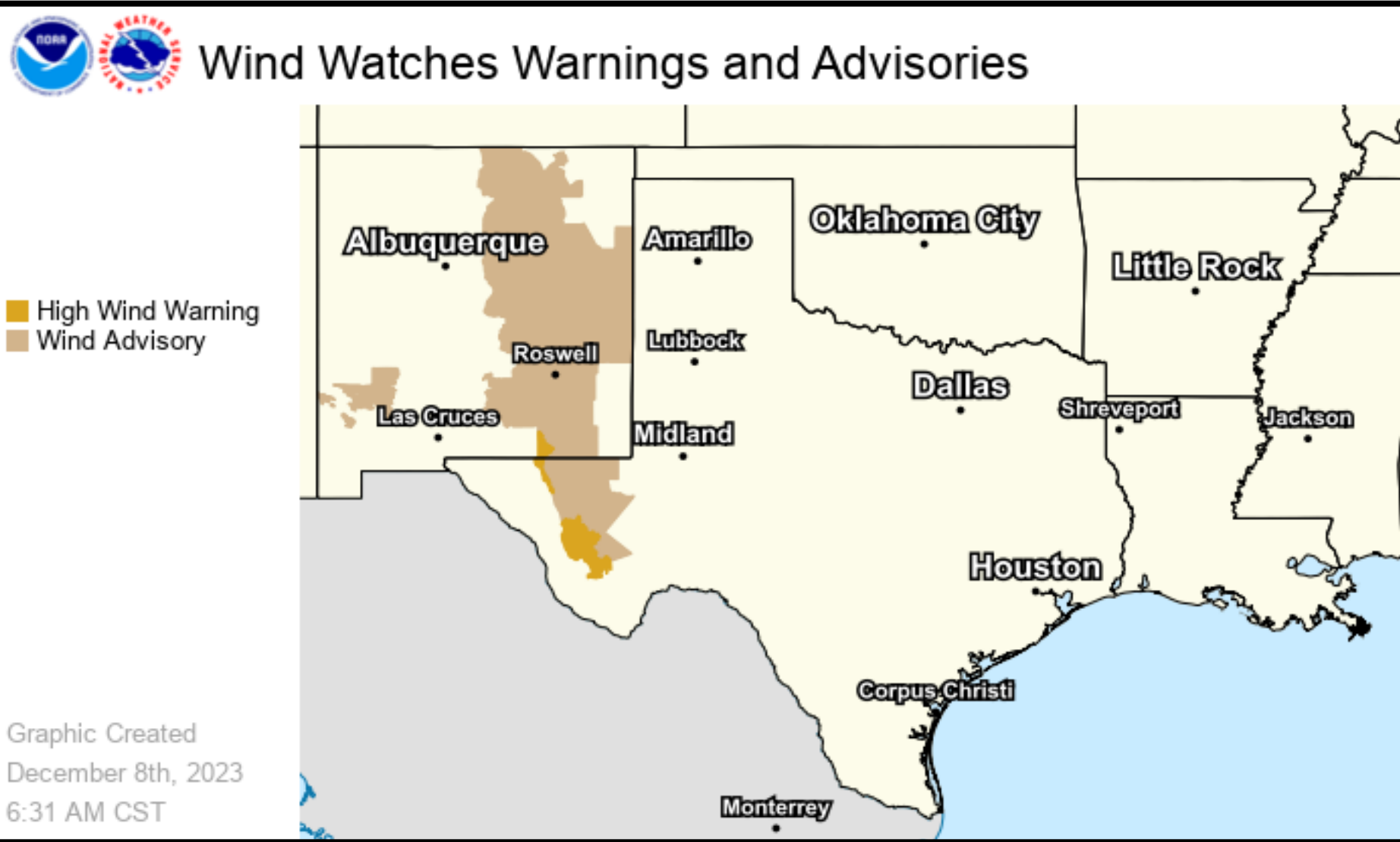




Watches, Warnings, and Advisories

Wind, Severe, Winter, and Flood Hazards

Wind Advisories, High wind warnings across E/S NM and portions of west Texas. Windy conditions may blow around unsecured objects. Tree limbs may be blown down. Expect strong crosswinds on area roadways. A few power outages are possible.





Winter Weather

Friday - Sunday

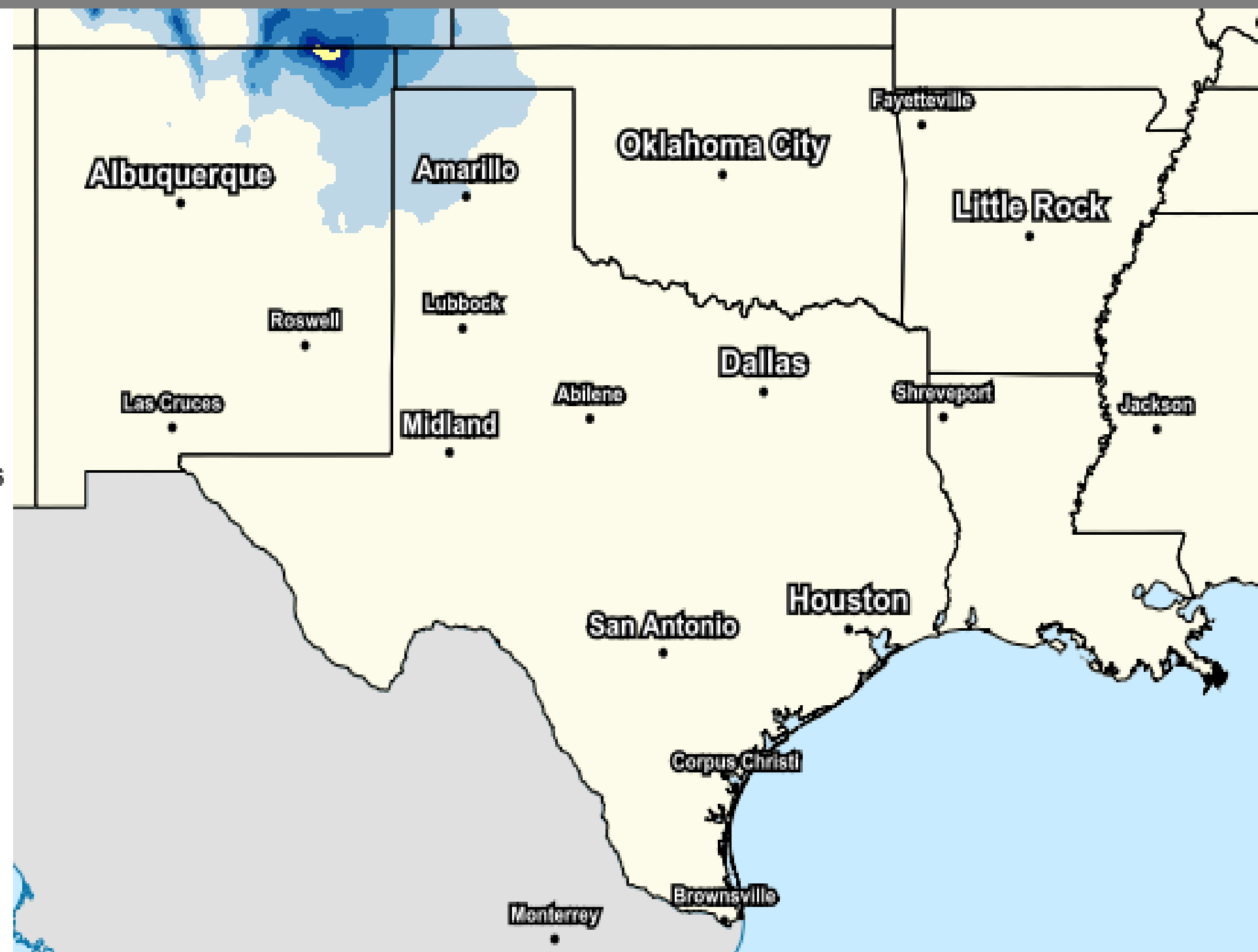
Forecast Snow Amounts



Forecast Snowfall

Valid Ending Monday December 11th, 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
December 8th, 2023
6:21 AM CST

Forecast Ice Amounts



Ice Accumulation Forecast

Valid Ending Monday December 11th, 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

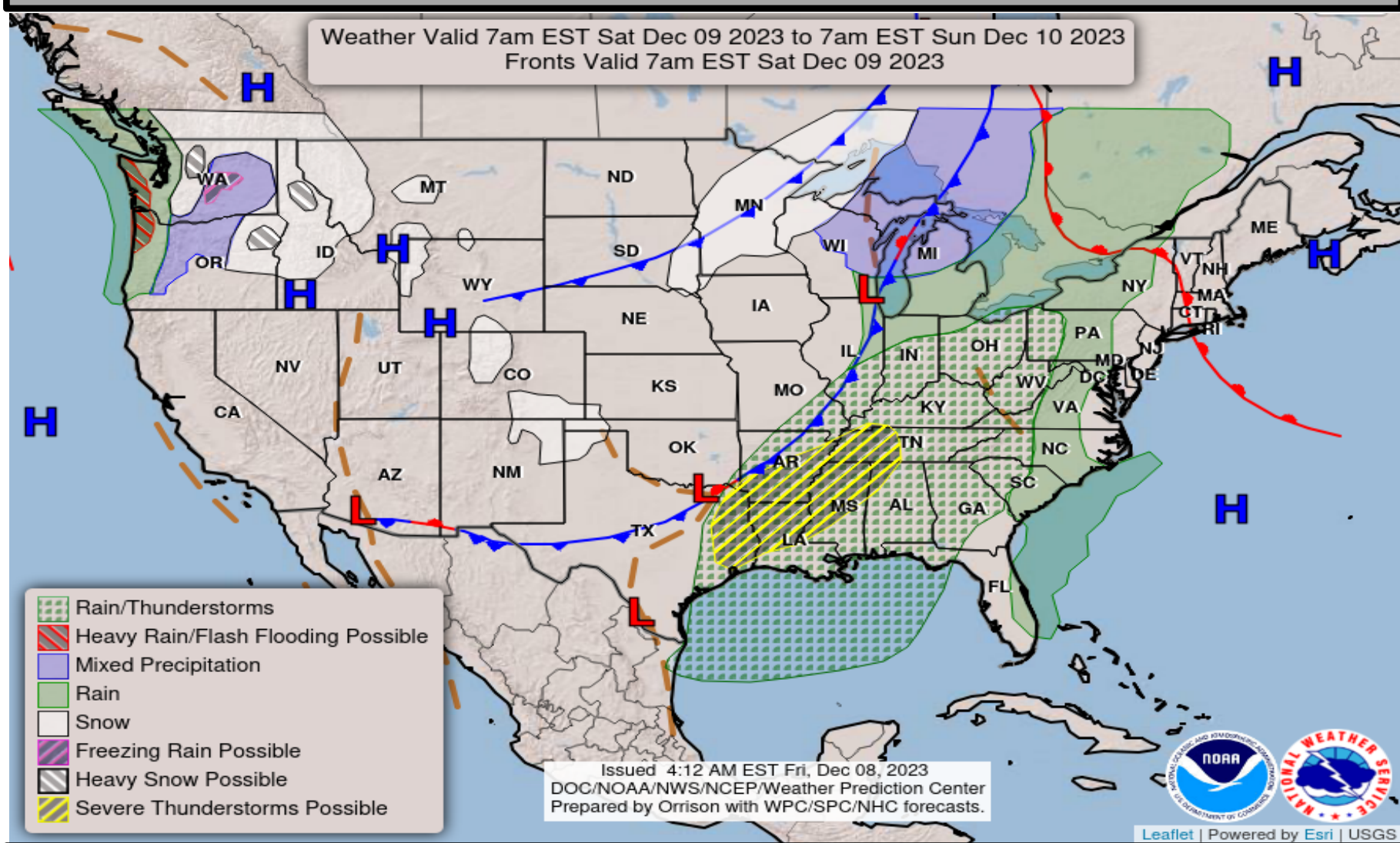


Graphic Created
December 8th, 2023
6:21 AM CST

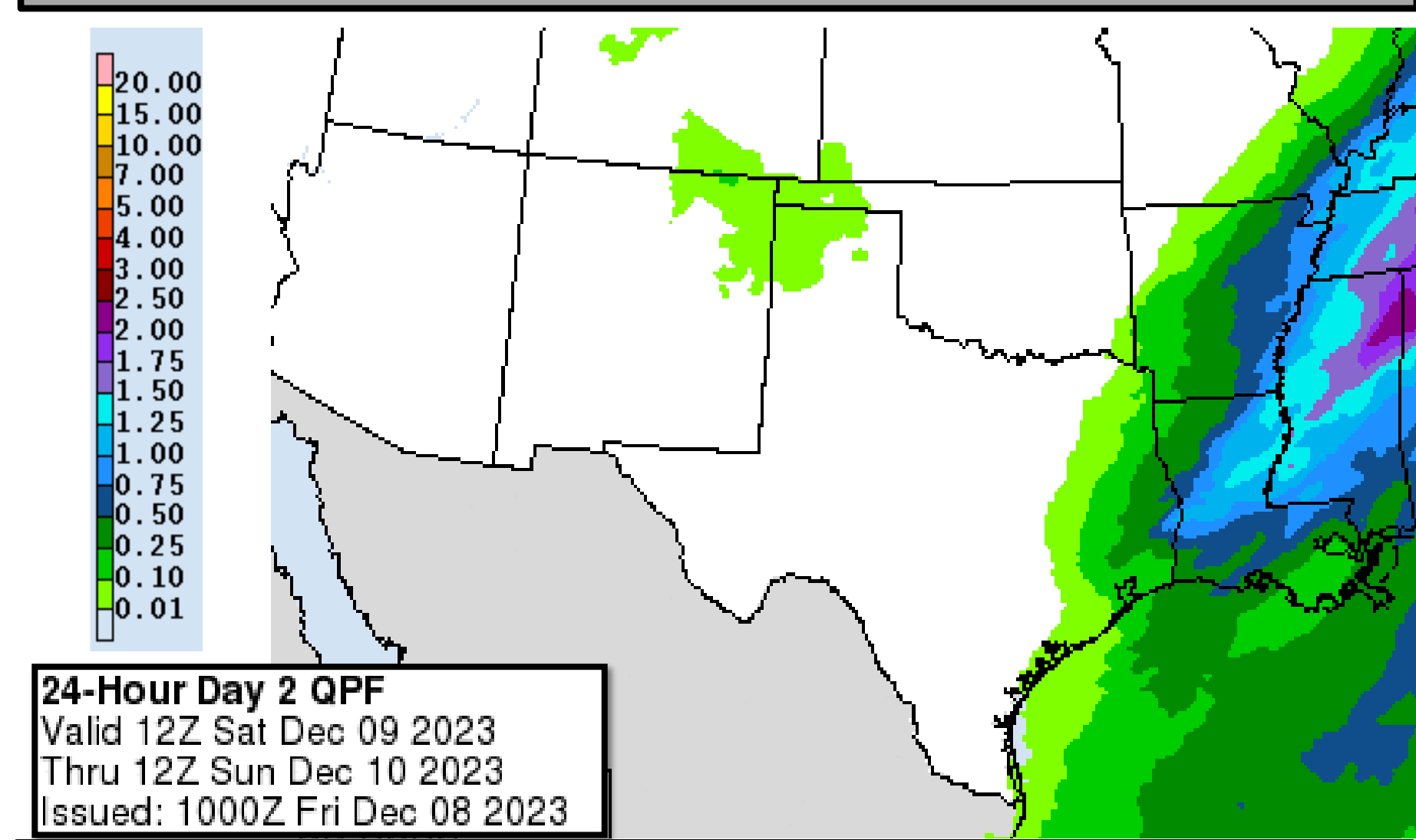


Tomorrow's Weather

Forecast Chart

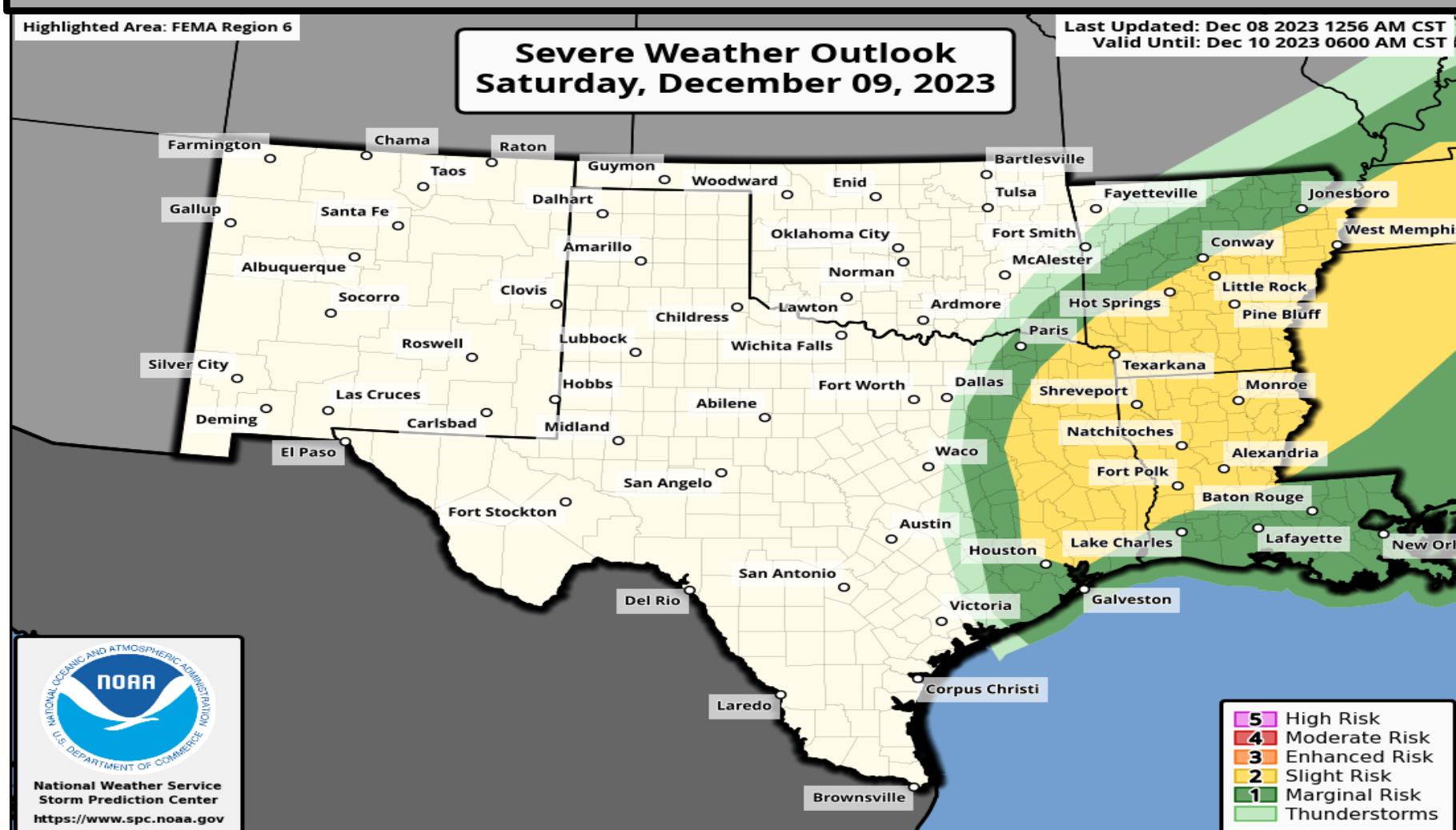


Forecast Rainfall

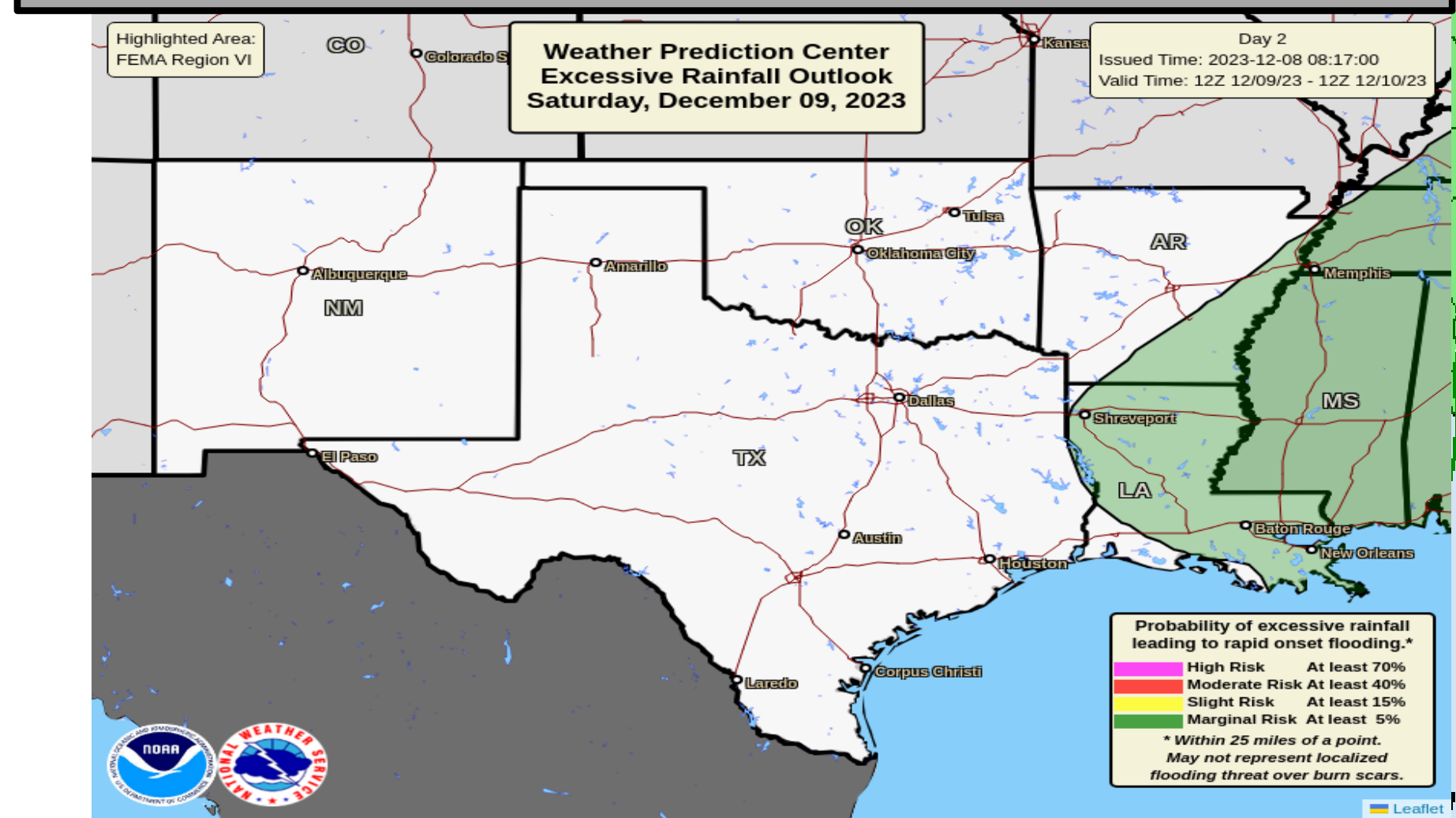


Slight risk of severe storms for E/SE TX, AR, and LA. Scattered severe storms possible mainly on Saturday afternoon into the early evening. 1+ inch hail and/or wind gusts 75+ mph which may result in property damage. Isolated tornadoes possible over S/E AR and N LA.

Severe Weather Outlook



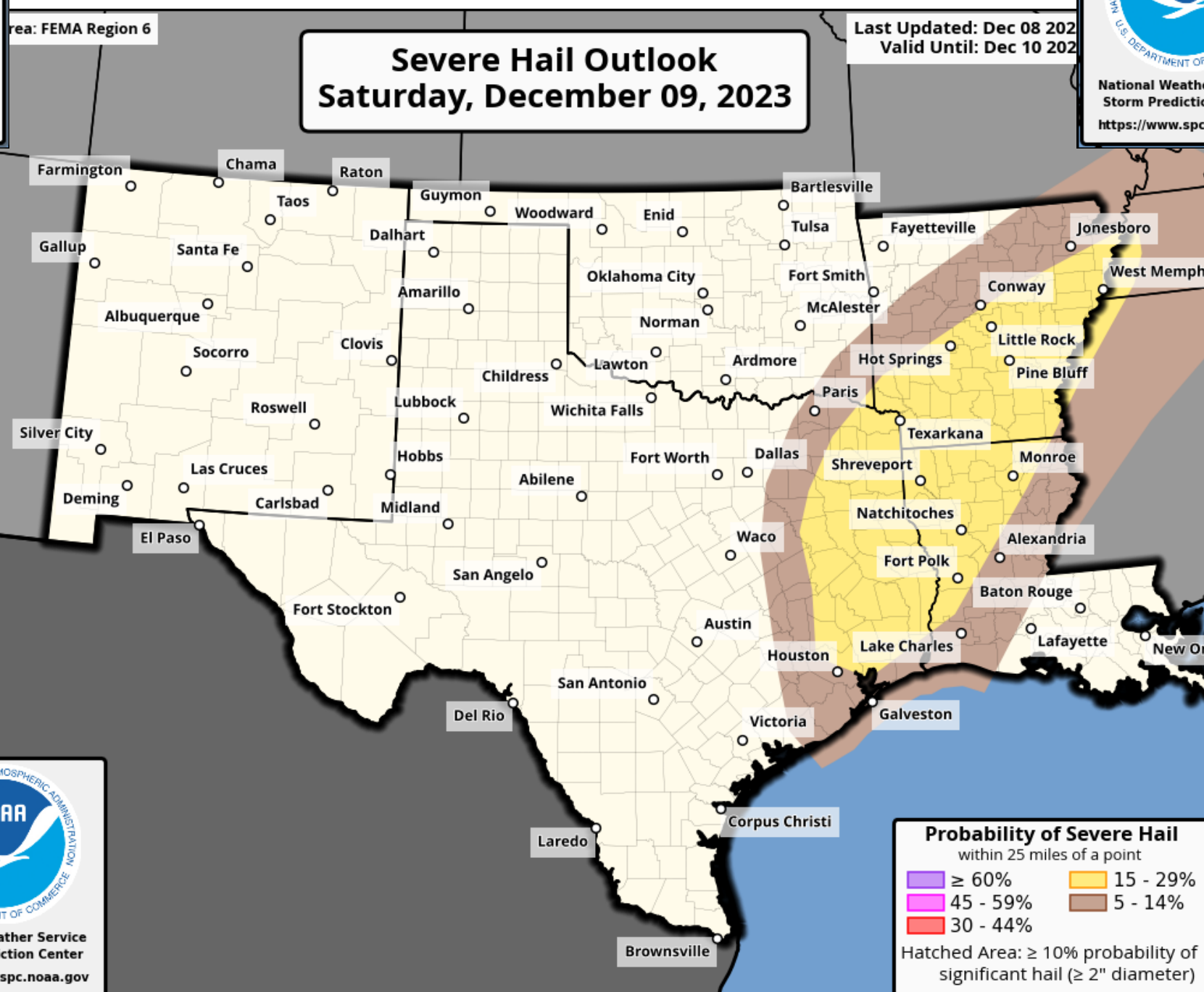
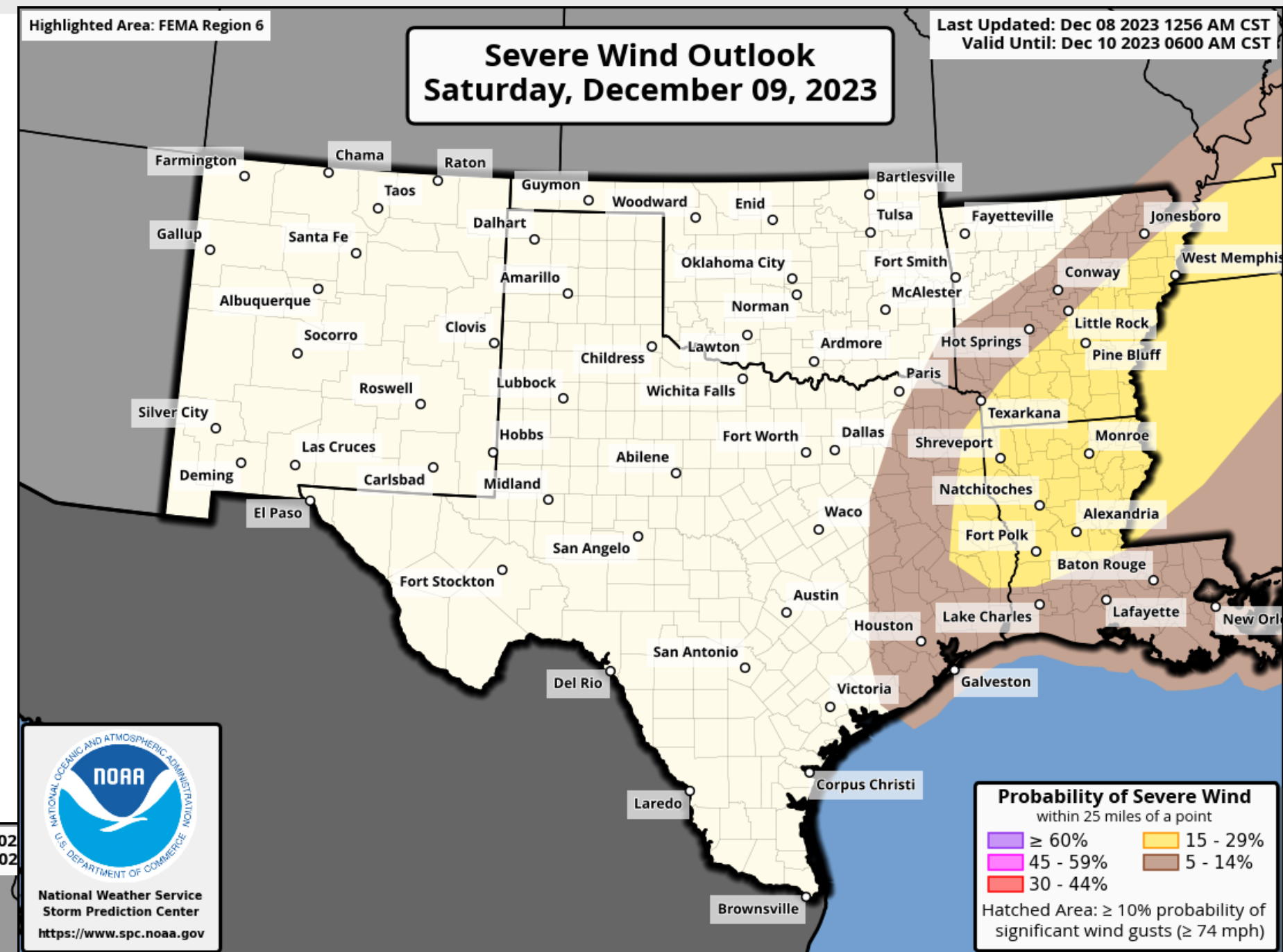
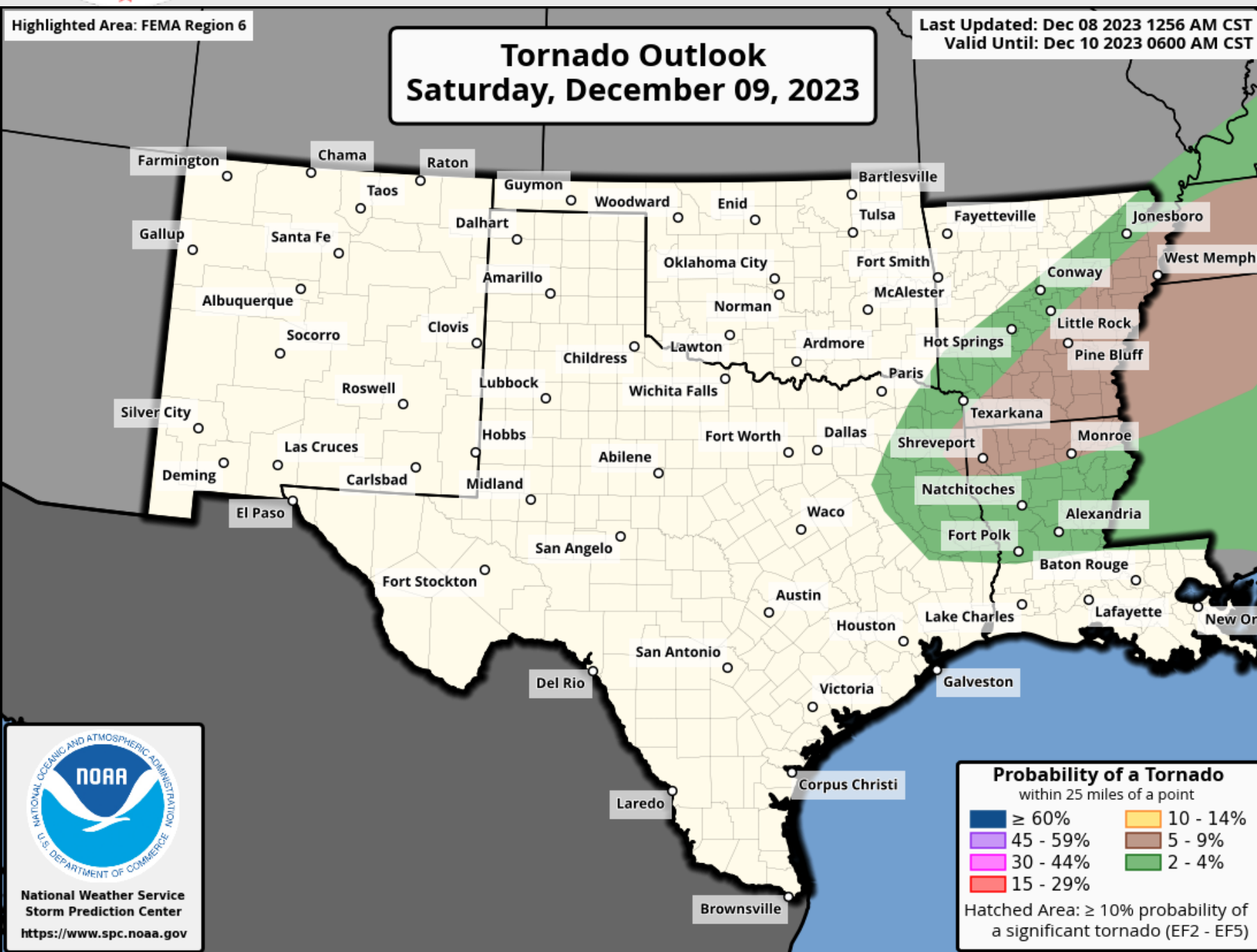
Excessive Rainfall Outlook



Marginal risk for excessive rainfall/flash flooding for LA and S/E AR. Isolated heavy rain may lead to short duration flooding or roadways and/or poor drainage areas.



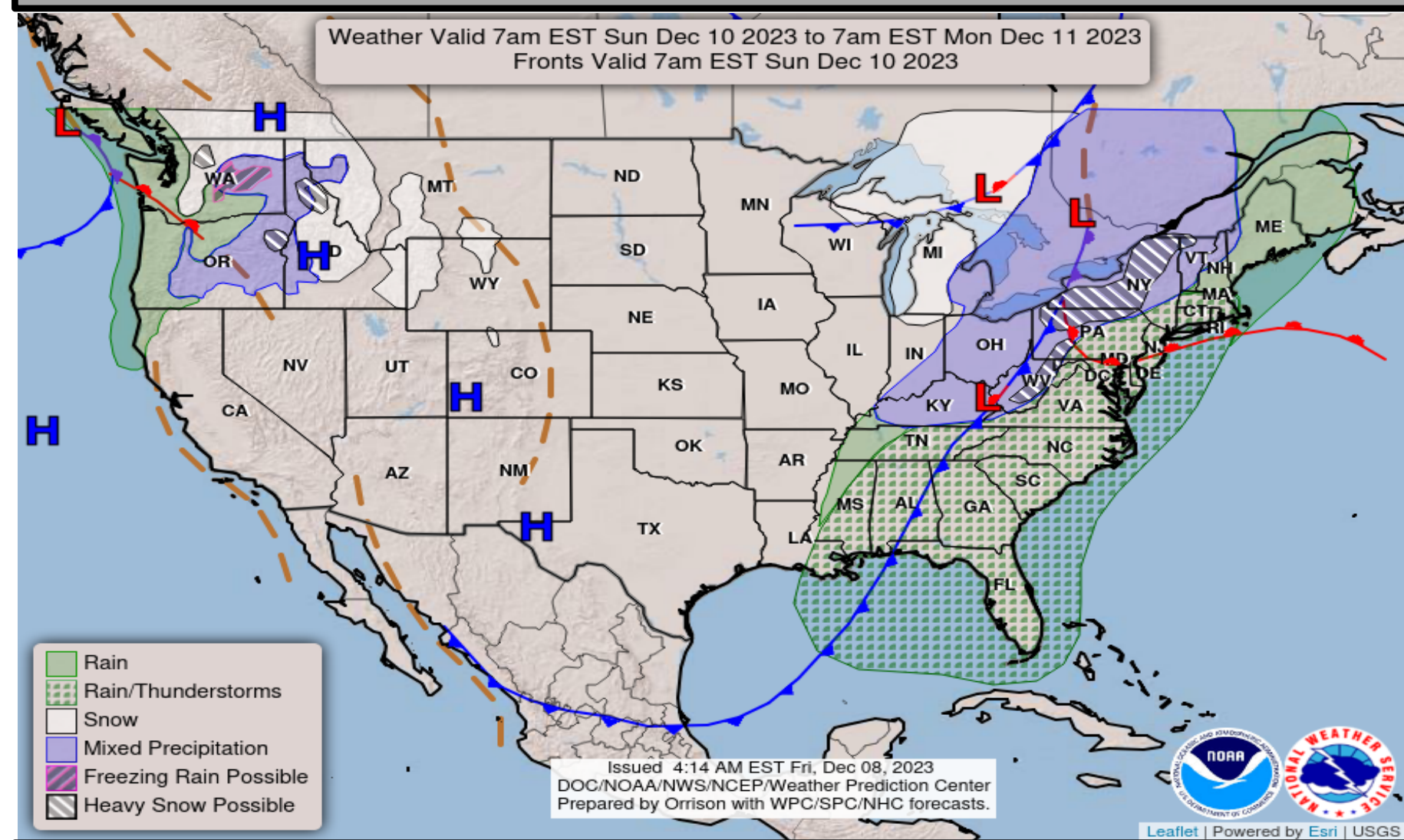
Tomorrow's Tornado & Severe Wind / Hail Probabilities



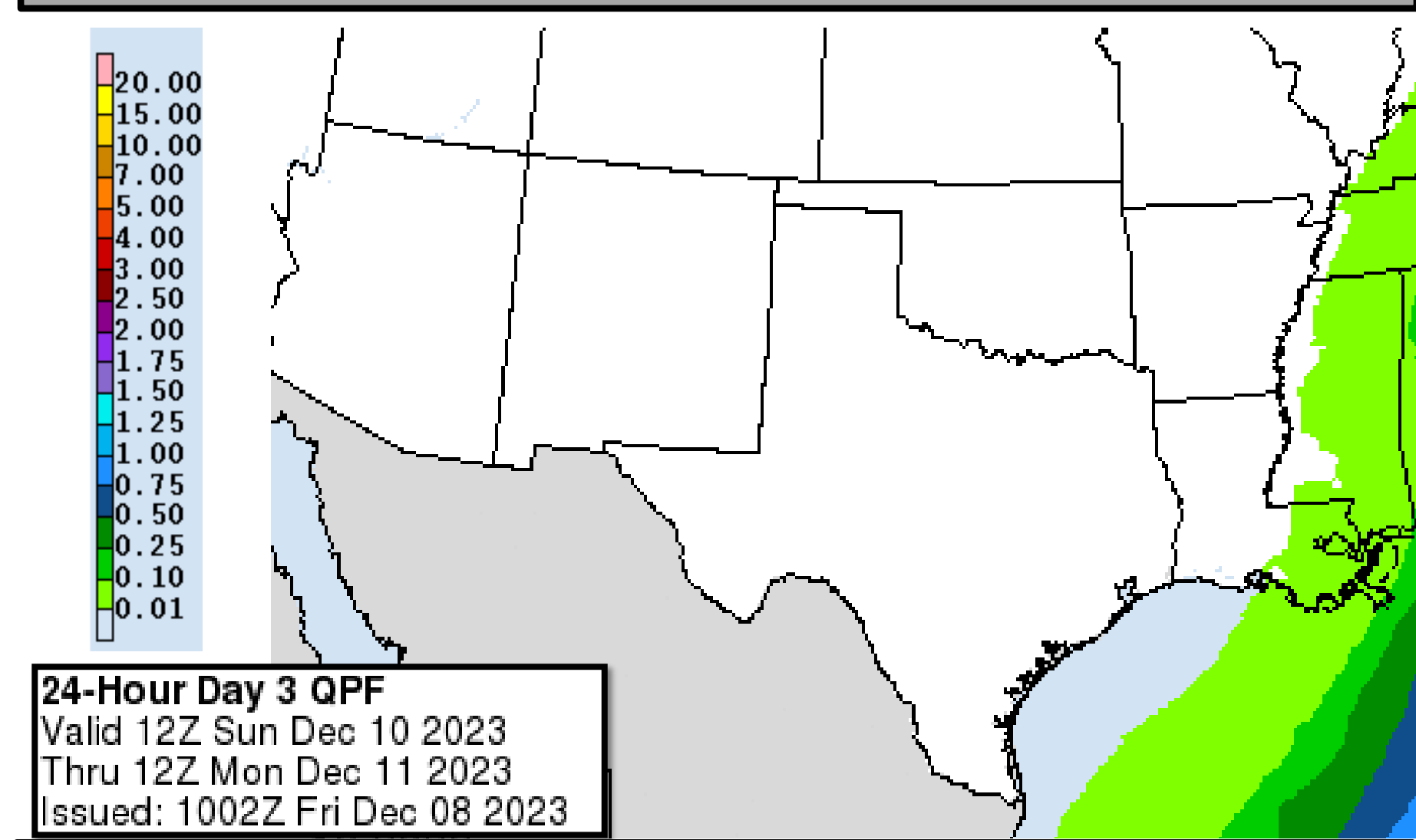


Sunday's Weather

Forecast Chart

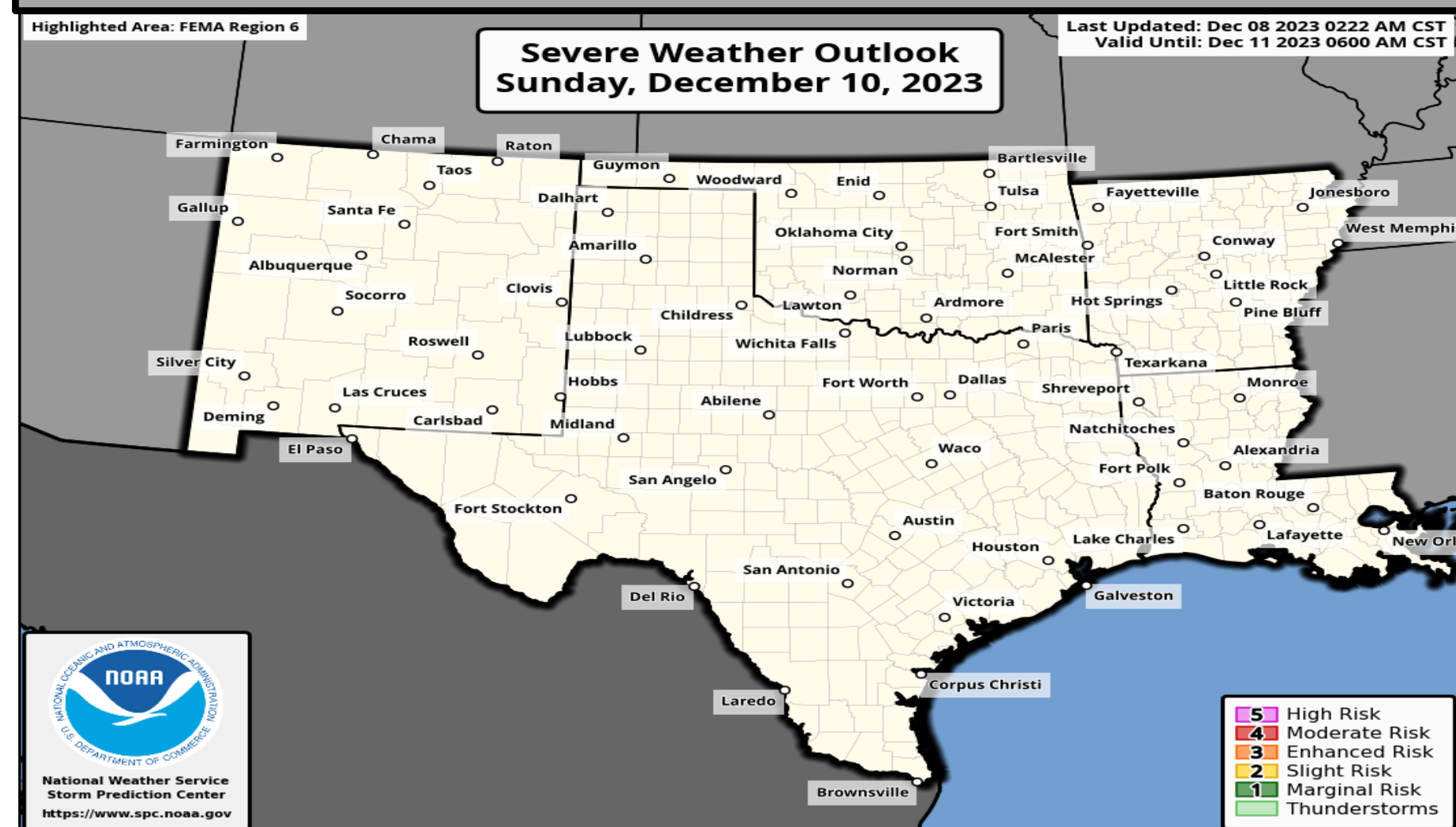


Forecast Rainfall

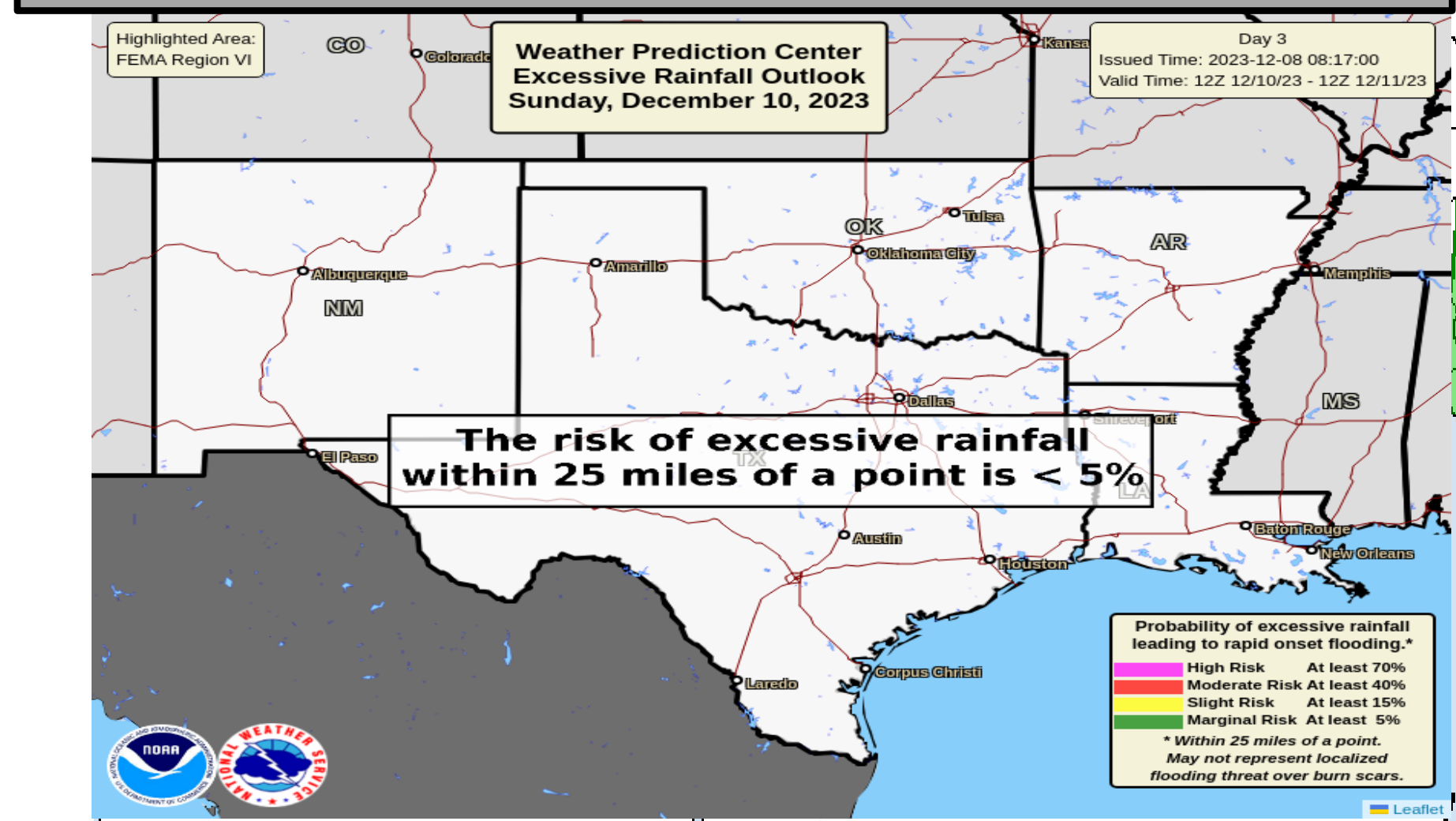


No significant weather expected.

Severe Weather Outlook



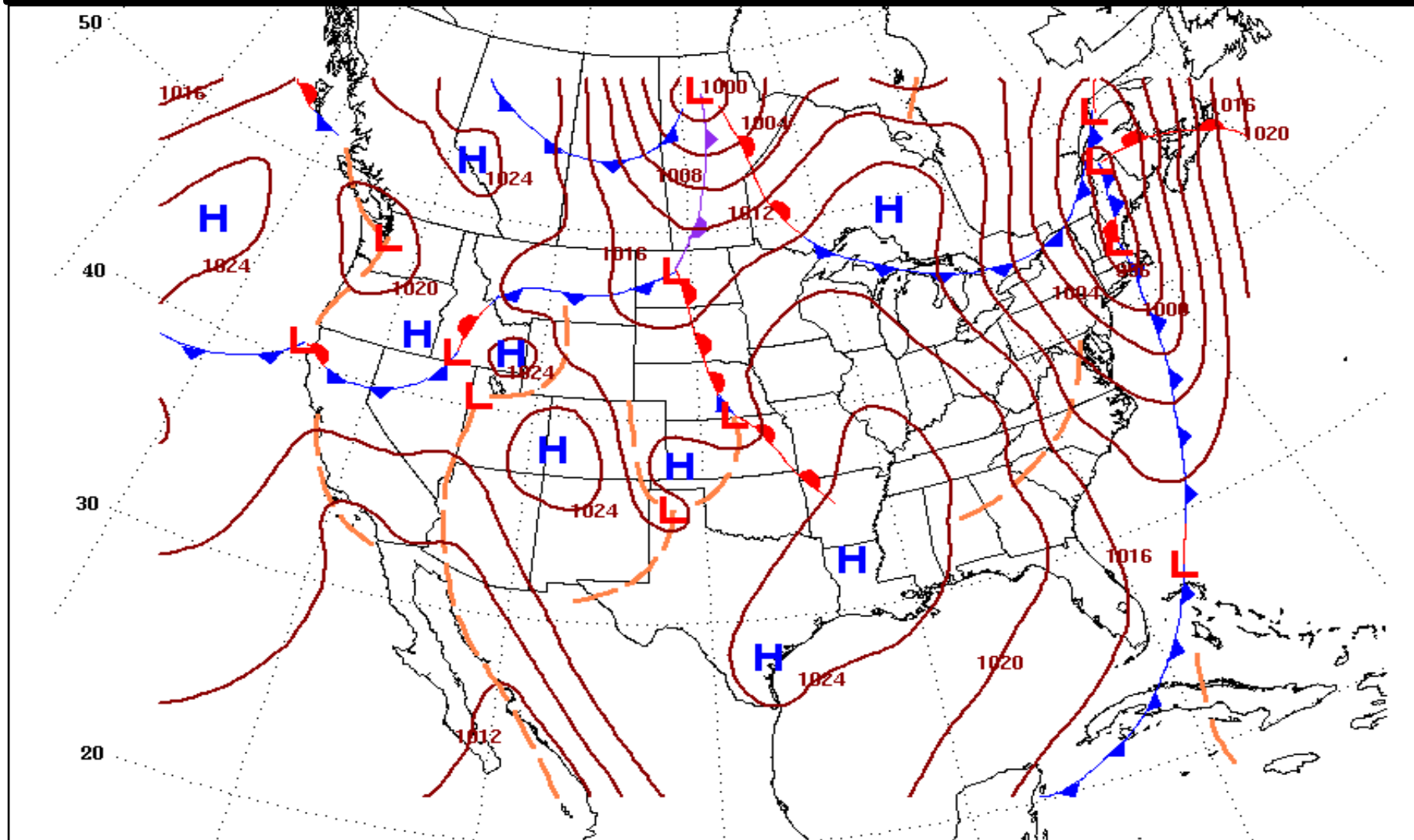
Excessive Rainfall Outlook



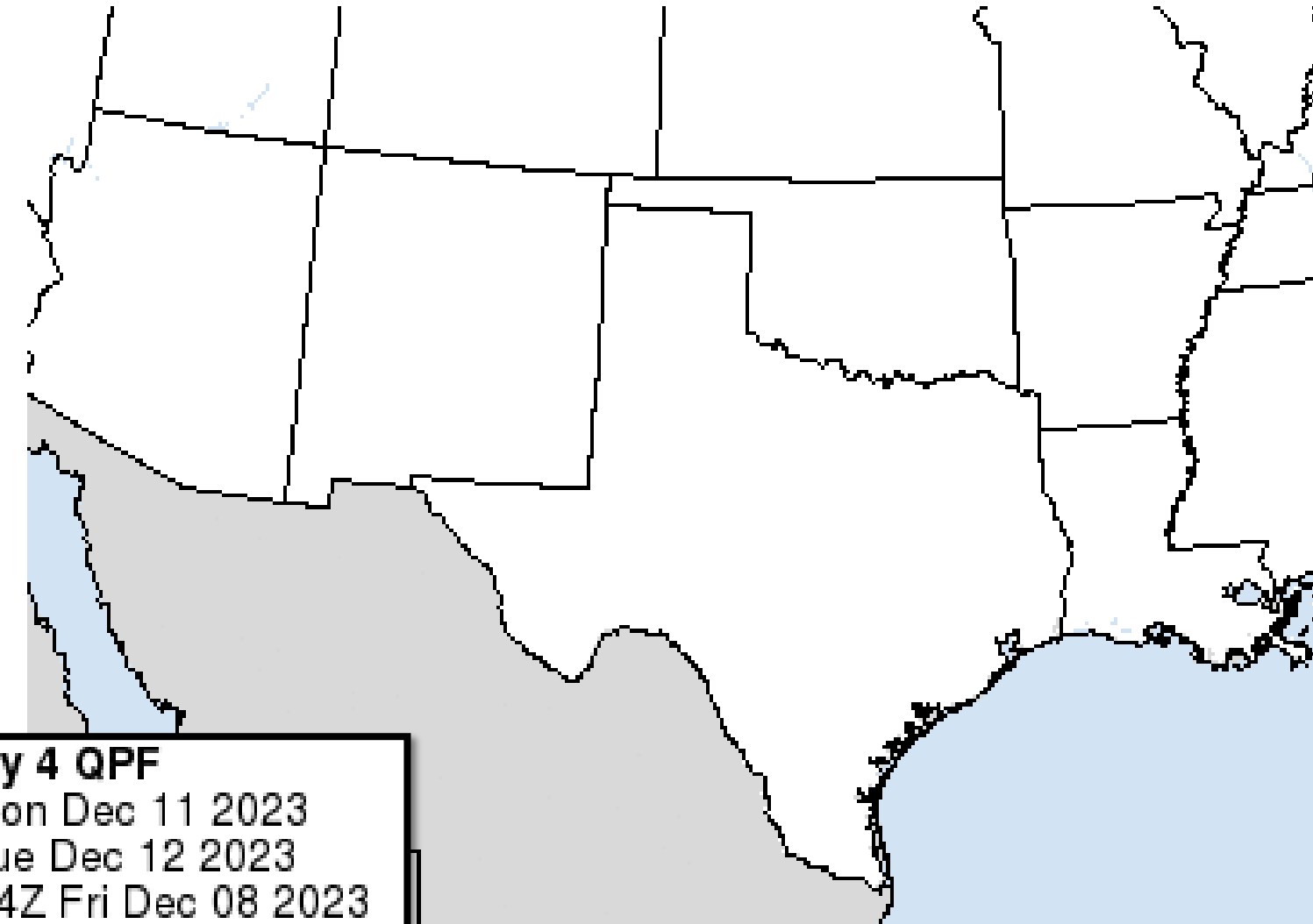
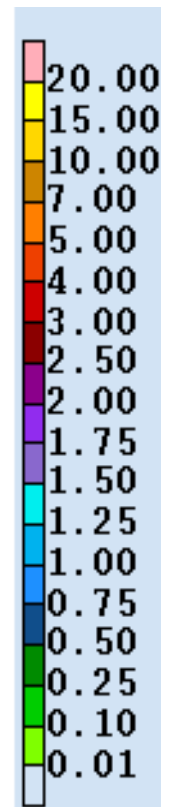


Monday's Weather

Forecast Chart



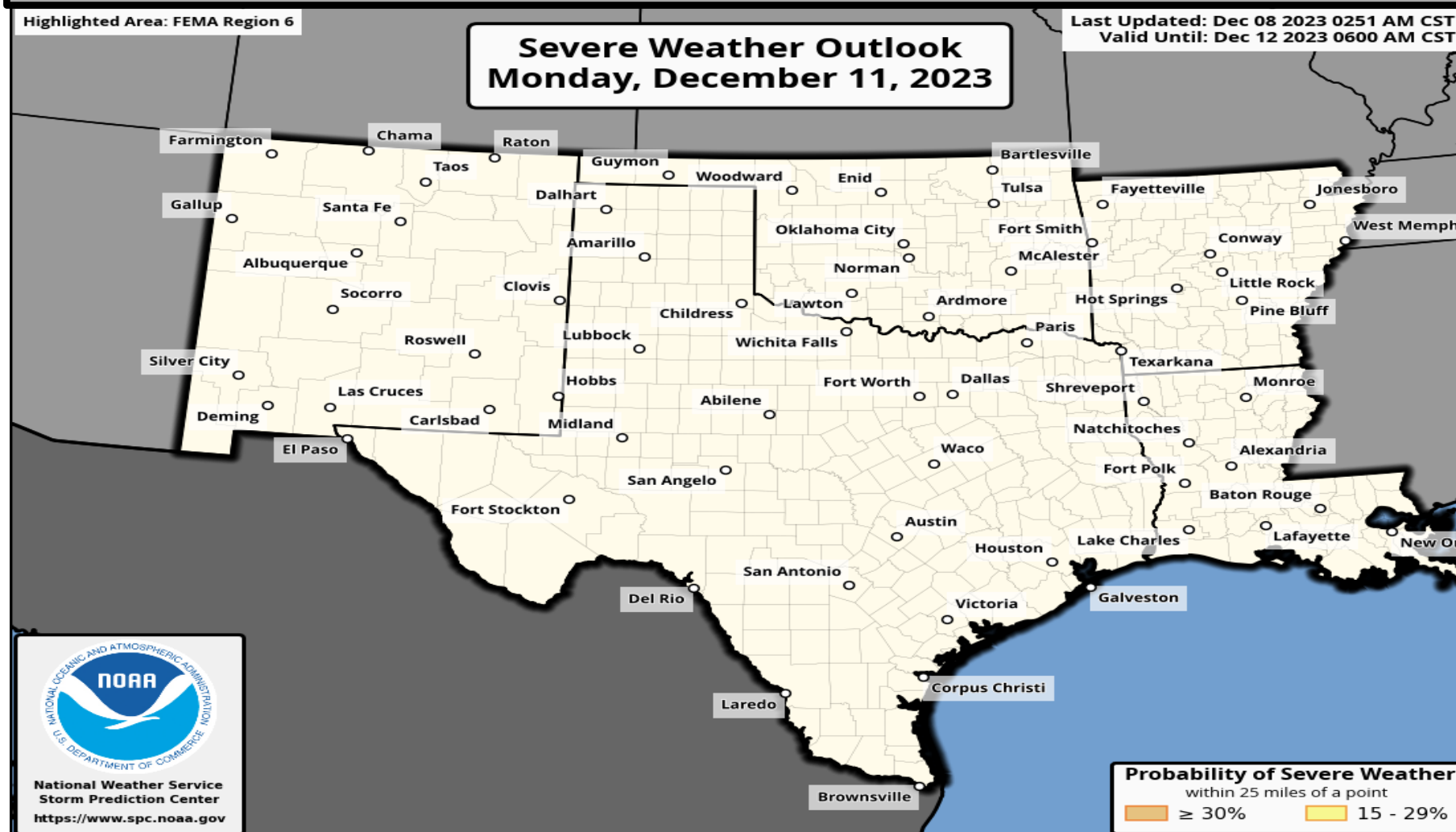
Forecast Rainfall



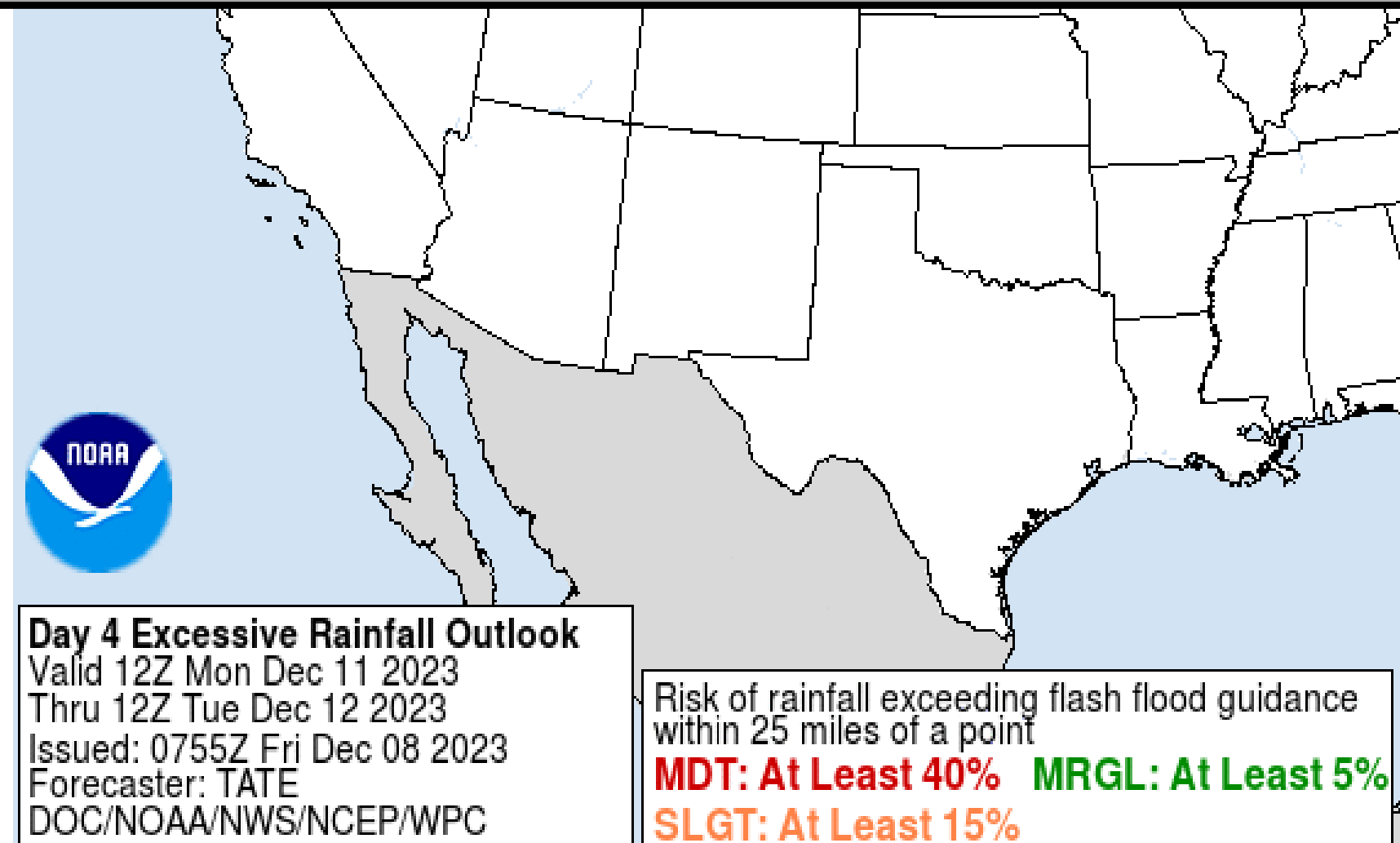
No significant weather expected.

24-Hour Day 4 QPF
Valid 12Z Mon Dec 11 2023
Thru 12Z Tue Dec 12 2023
Issued: 0344Z Fri Dec 08 2023

Severe Weather Outlook



Excessive Rainfall Outlook



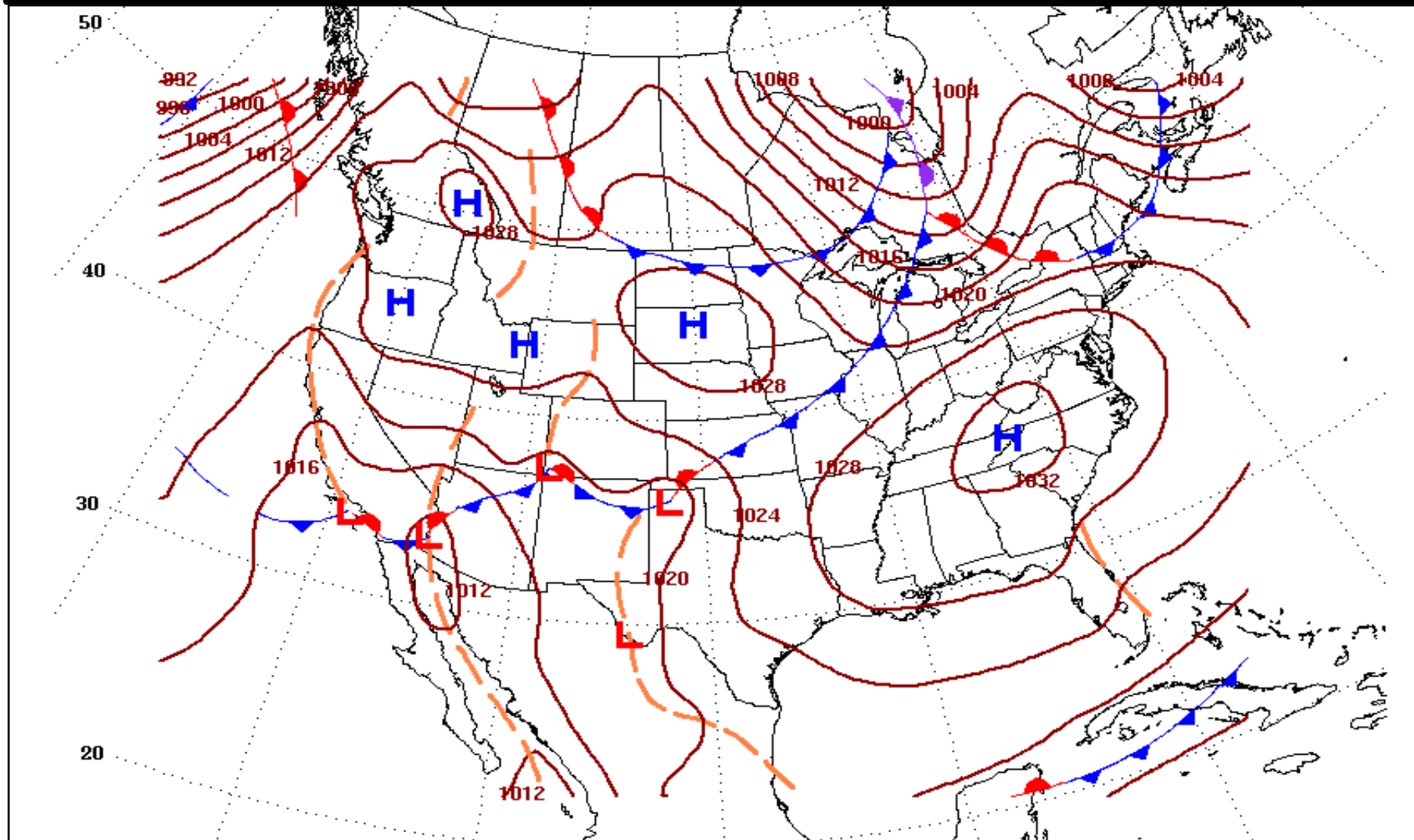
Day 4 Excessive Rainfall Outlook
Valid 12Z Mon Dec 11 2023
Thru 12Z Tue Dec 12 2023
Issued: 0755Z Fri Dec 08 2023
Forecaster: TATE
DOC/NOAA/NWS/NCEP/WPC

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%

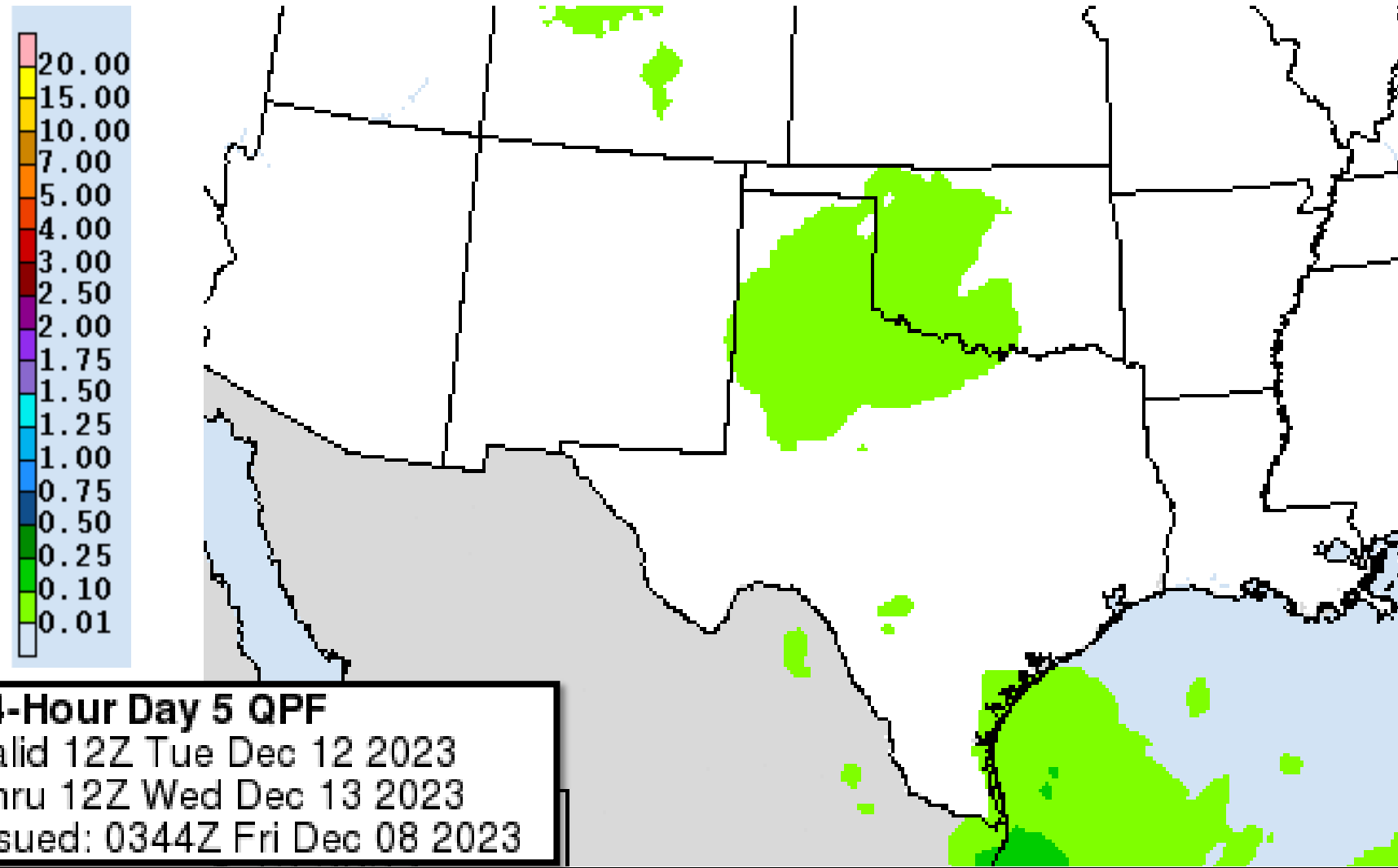


Tuesday's Weather

Forecast Chart

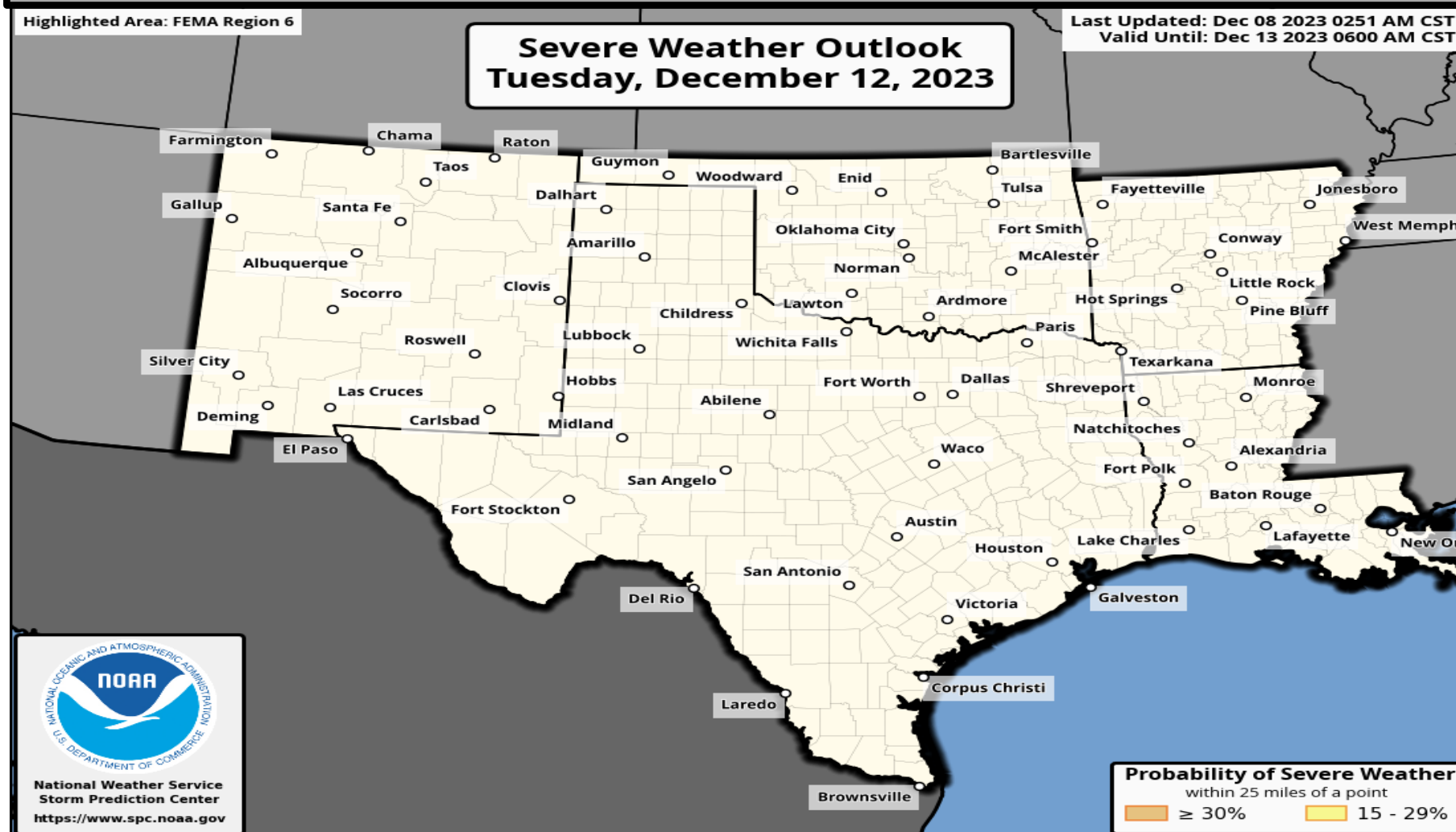


Forecast Rainfall

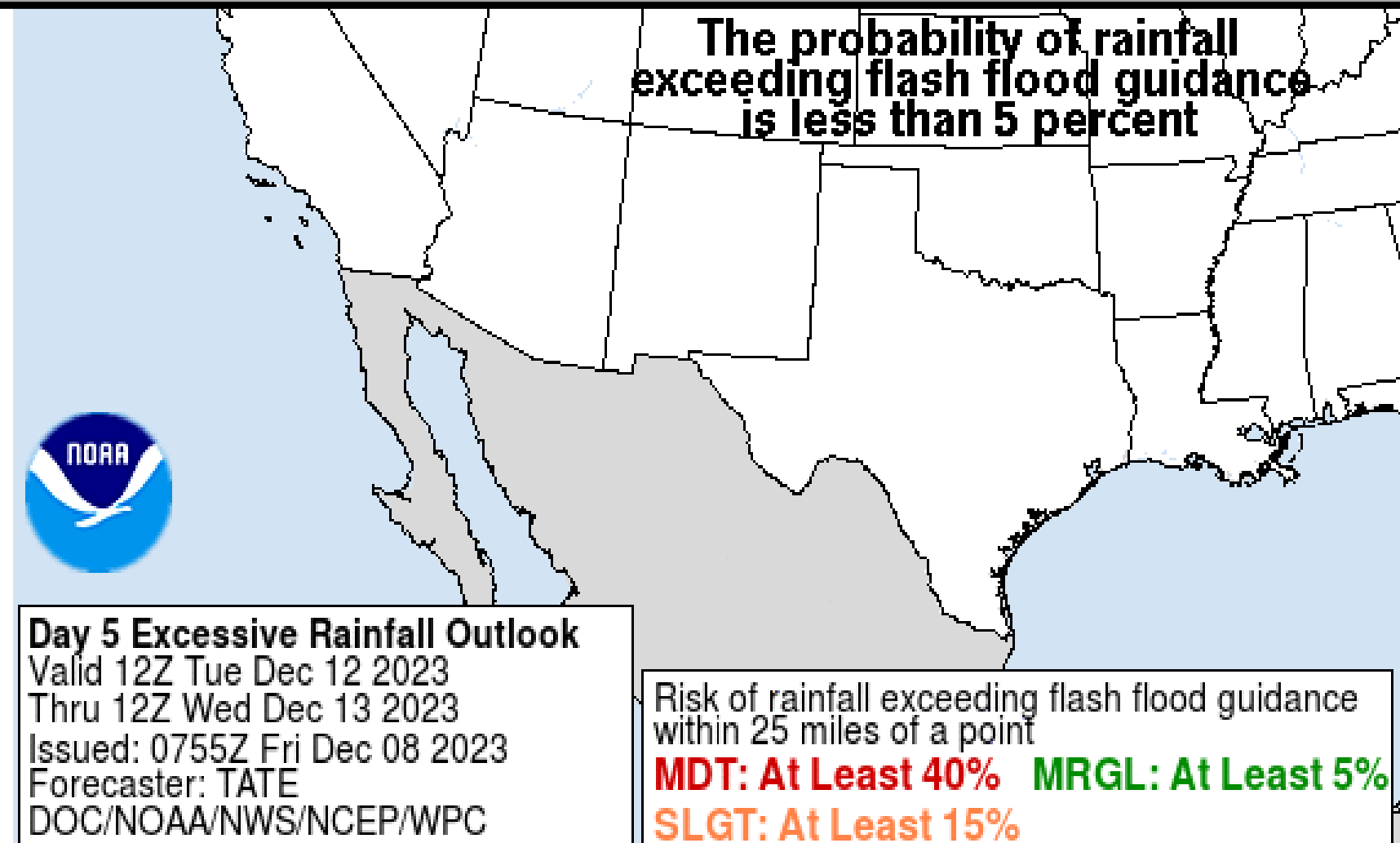


No significant weather expected.

Severe Weather Outlook

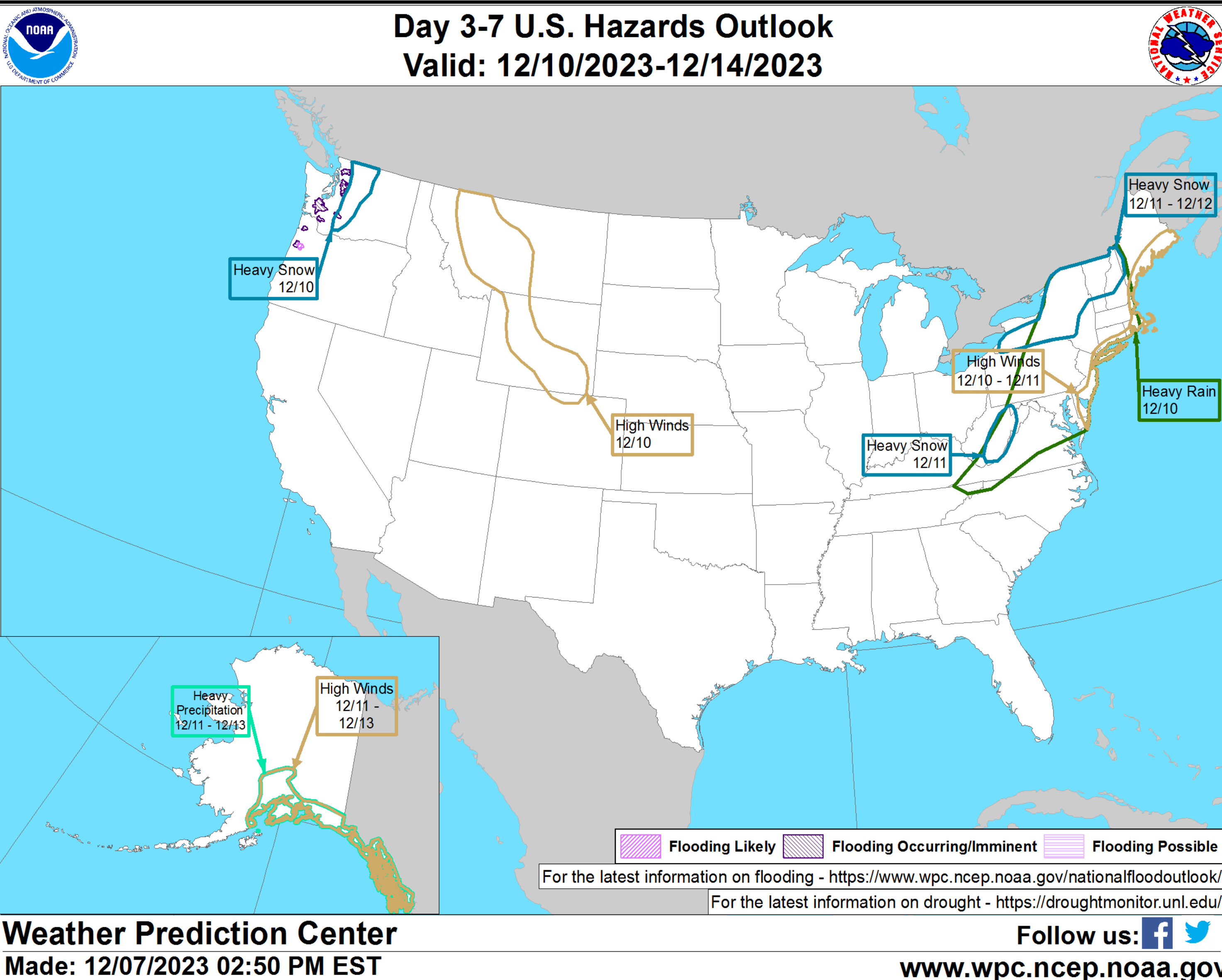


Excessive Rainfall Outlook





“Day 3-7” Hazards Outlook



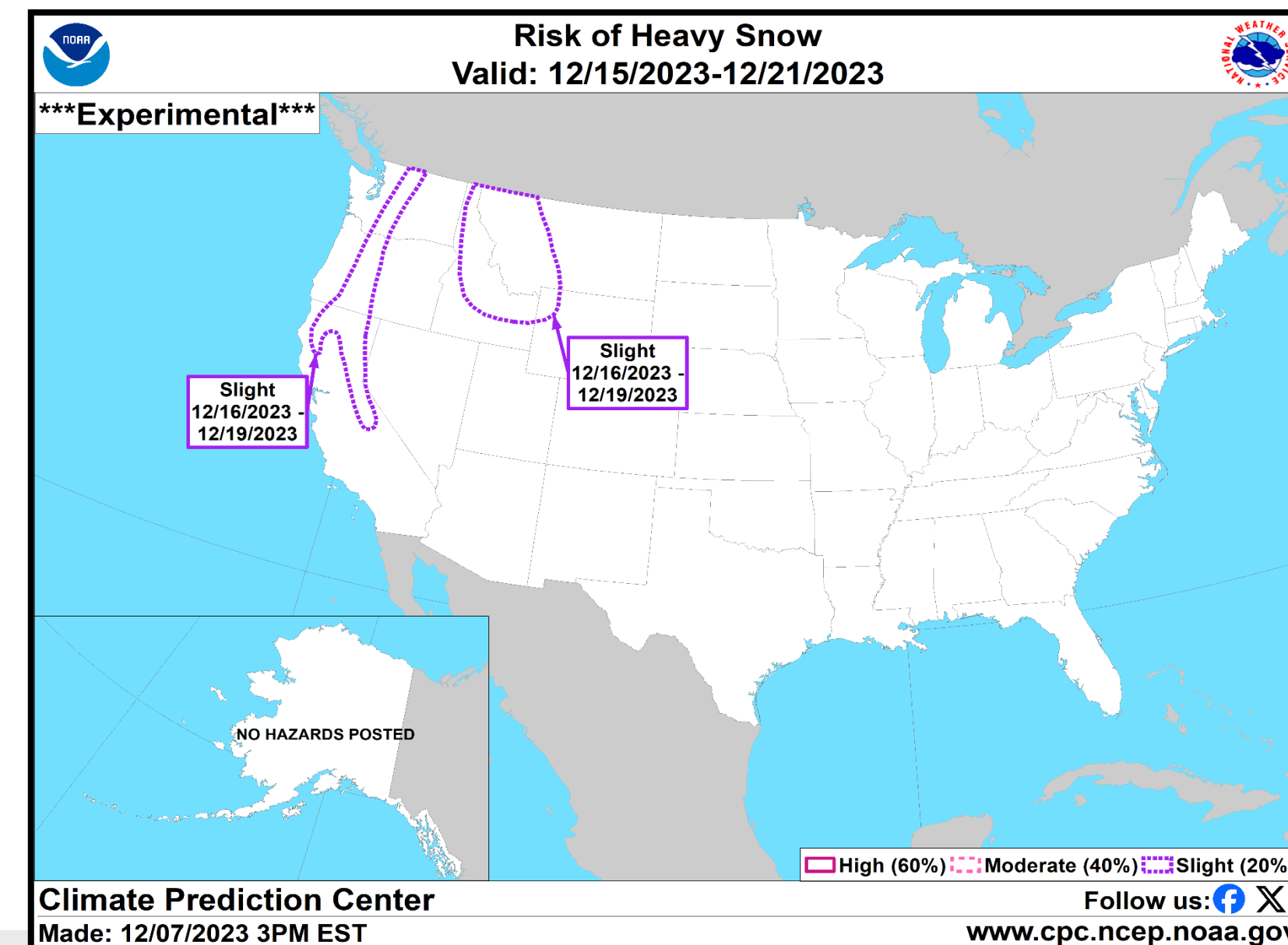
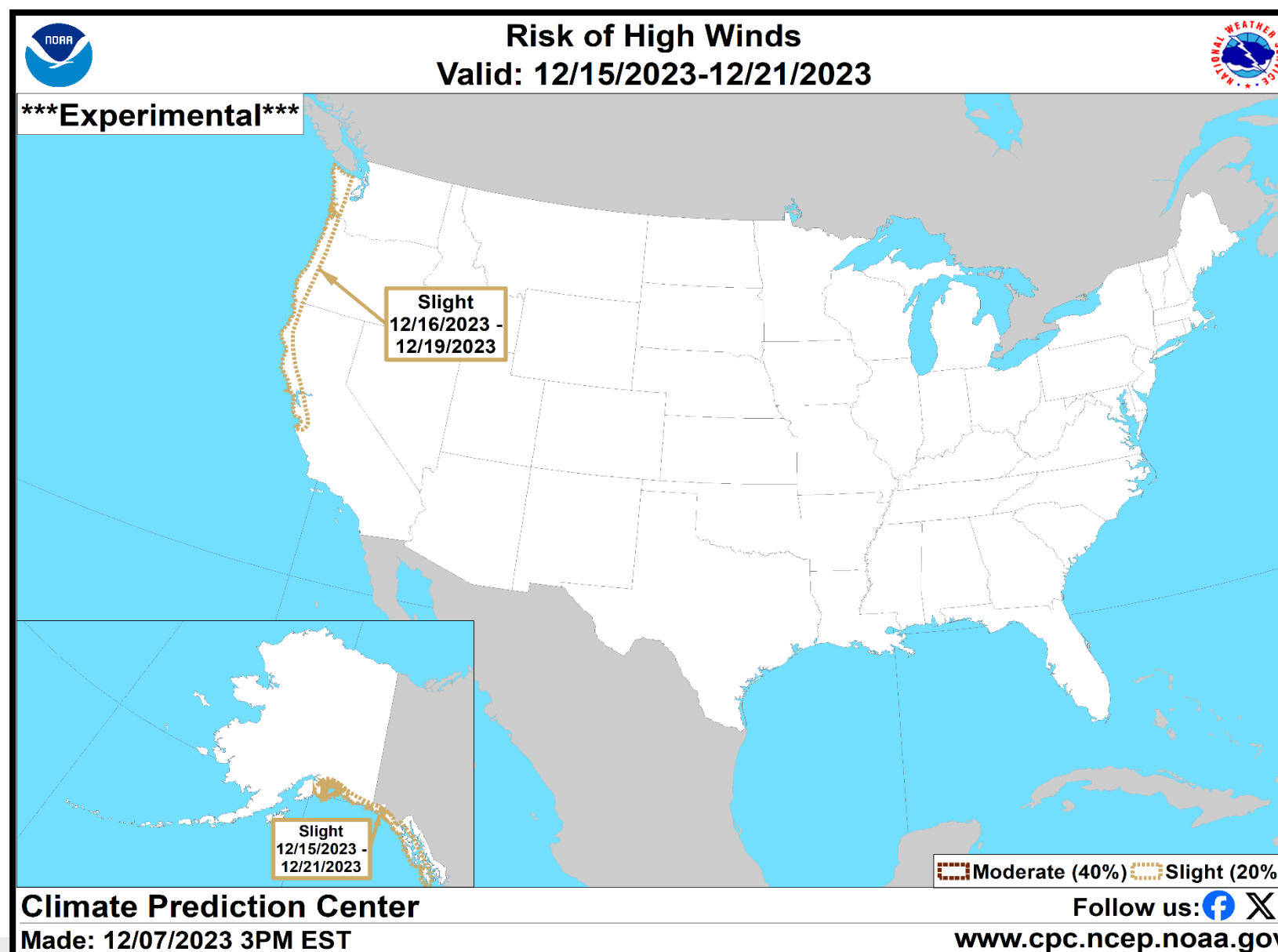
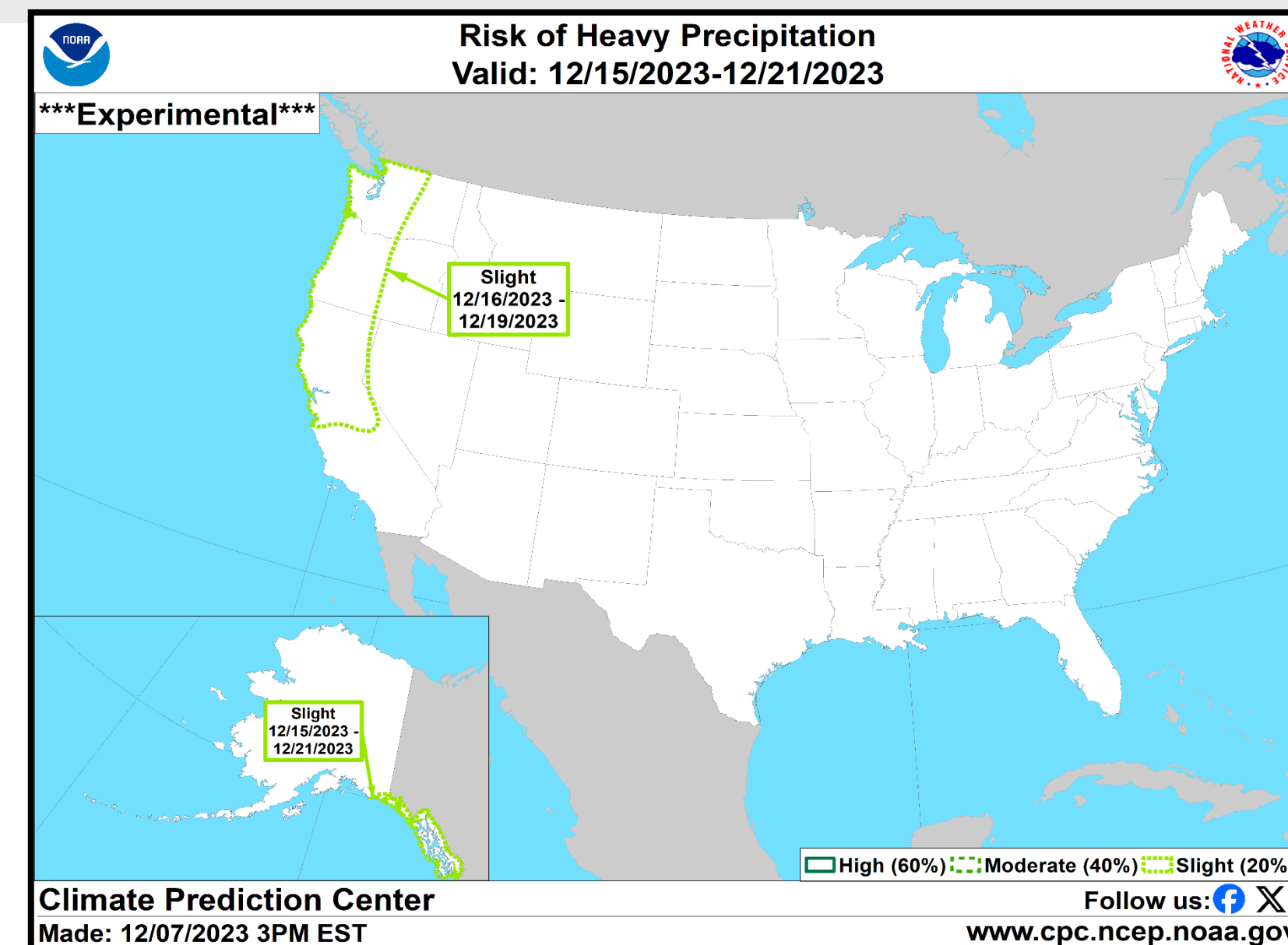
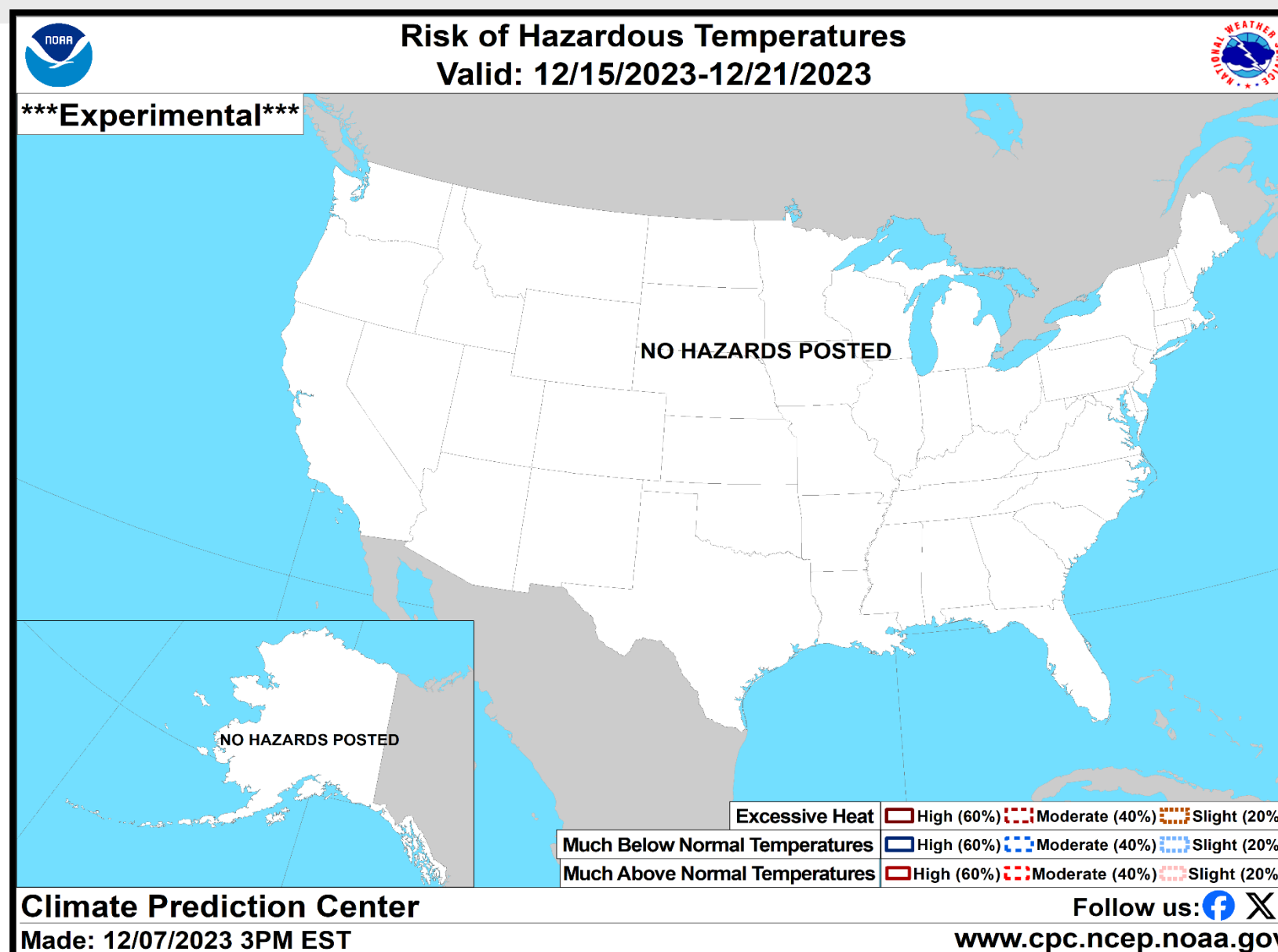
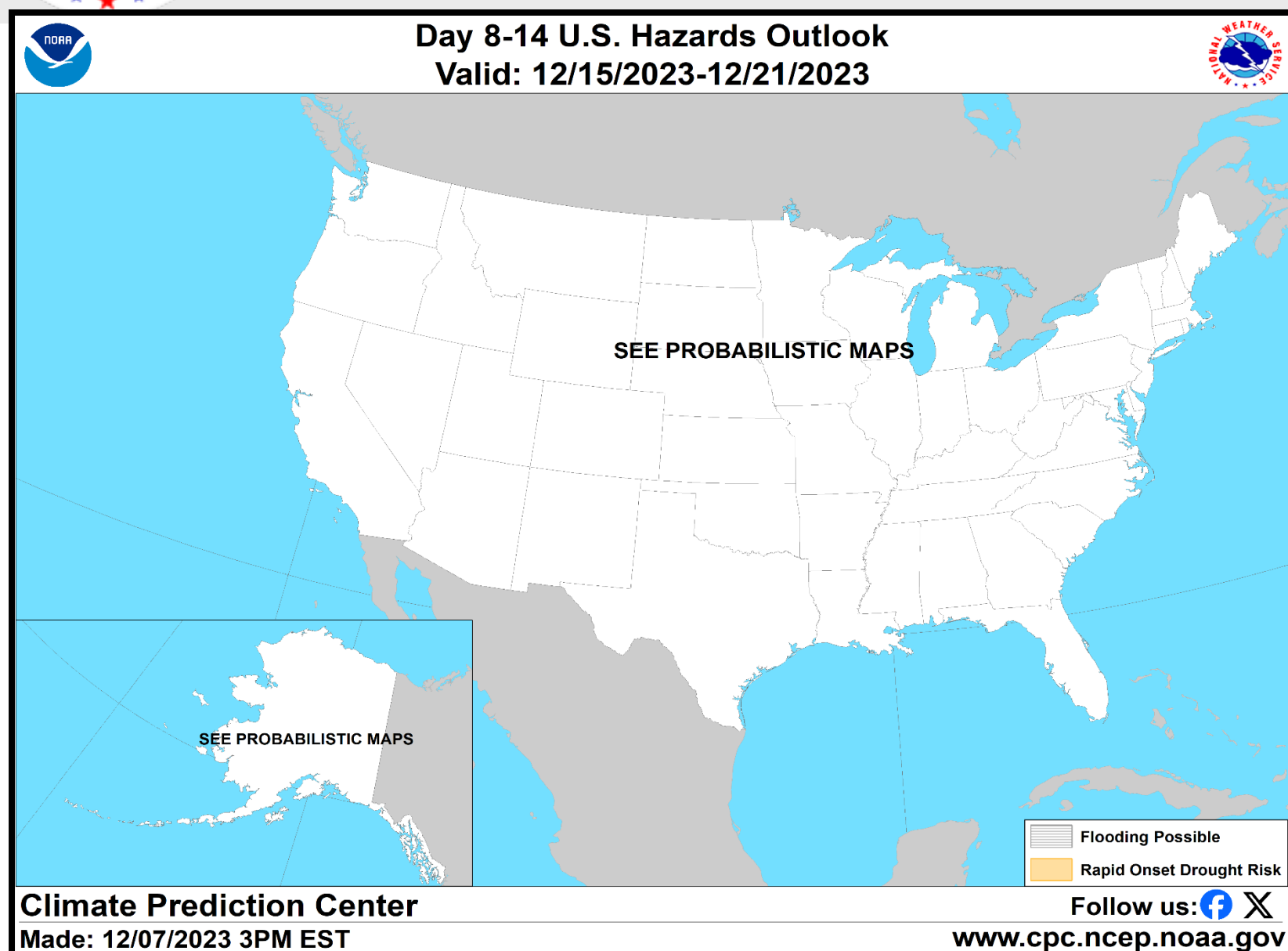
NOTE: These outlooks are issued in the afternoon and only issued on weekdays. Because of that and the fact that these slides are issued in the mornings:

- 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:

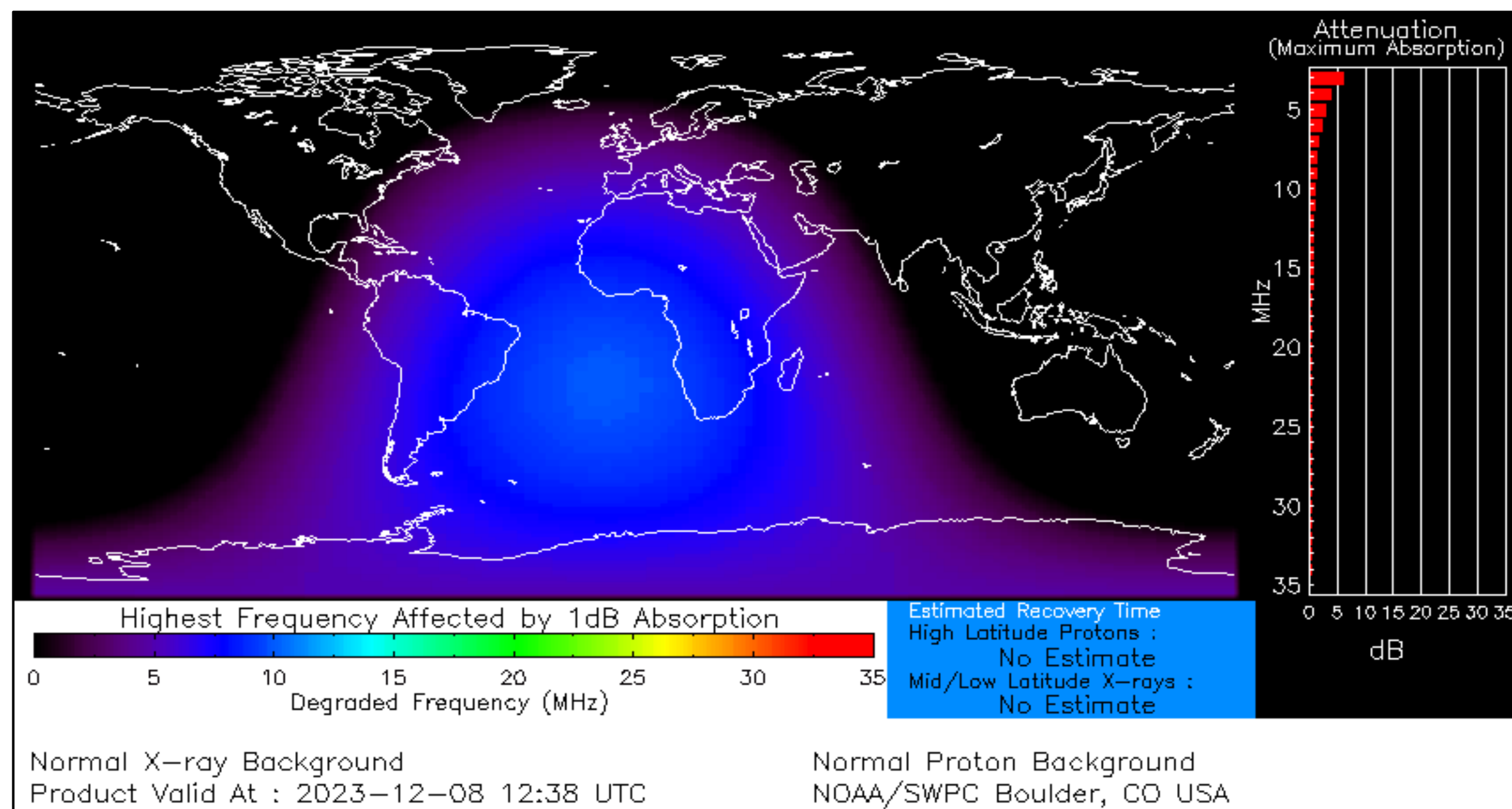
- 1) The "day 8-14" will really be days 7-13
- 2) This slide will be hidden on Mondays and Sundays so the data/information is not too old

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



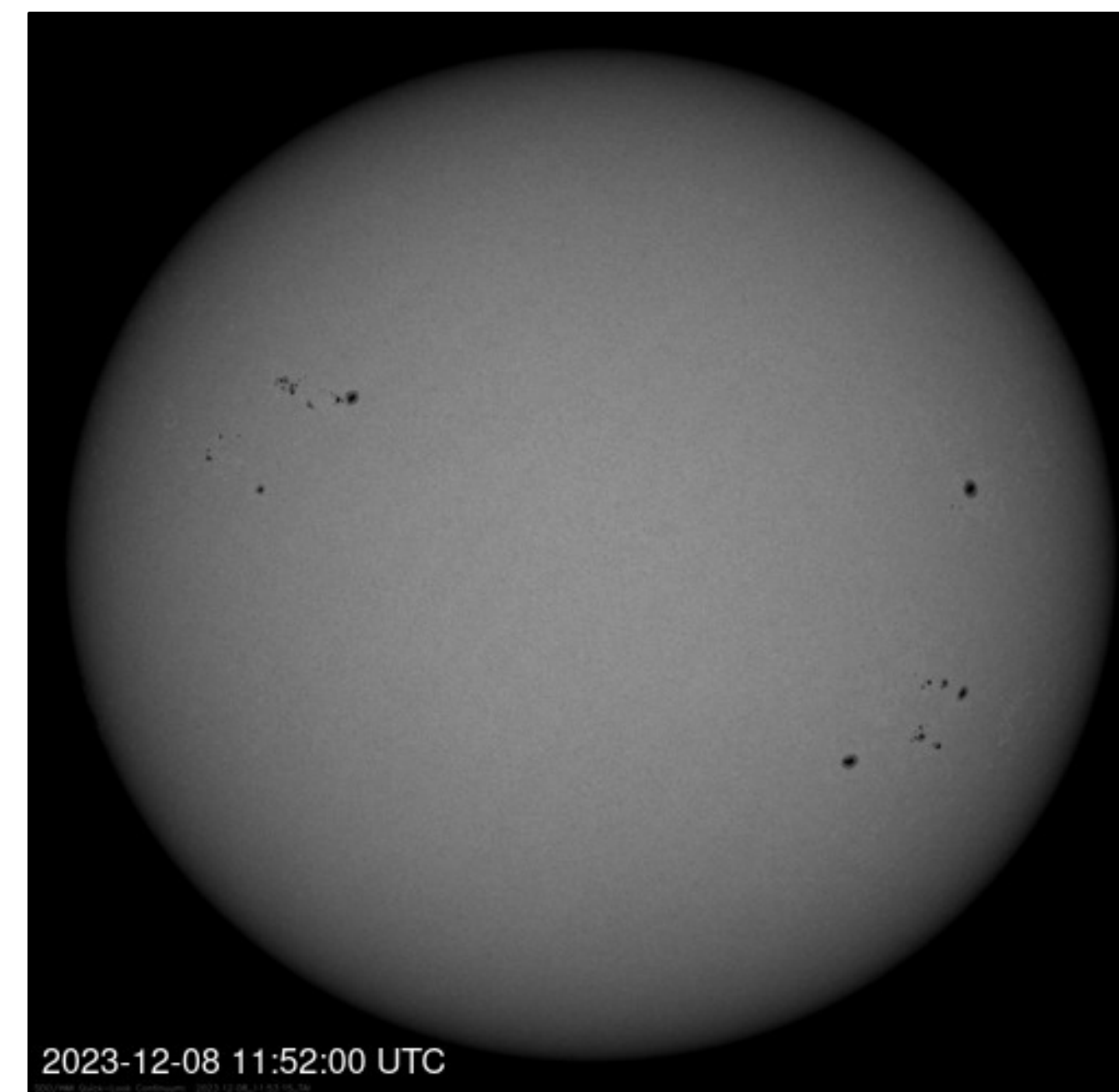
Space Weather 3-Day Forecast

| | Friday | Saturday | Sunday |
|--------------------------------------|-------------------------------|-------------------------------|-------------------------------|
| Geomagnetic Storms | Quiet (Max Kp = 2) | Quiet (Max Kp = 2) | Quiet (Max Kp = 2) |
| Solar Radiation Storm (S1-S5) | 5% | 5% | 5% |
| Radio Blackout (R1-R2) | 40% | 40% | 40% |
| 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