



FEMA



Prepared by
Melissa Beat

FEMA Region 6 Weather Threat Briefing

Thursday October 26, 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

- **Heavy rain/flash flooding today over E-Ctrl TX, then over N-Ctrl TX Friday. On Saturday threat moves to E OK, N AR and then expanding into W AR, SE OK, and NE TX on Sunday.**
- **Minor to isolated moderate river flooding possible over portions of TX, OK, AR through the weekend.**
- **Wintry mix is possible over the OK/TX Panhandles Sunday morning with a medium chance (40%) to see a glazing of ice.**
- **No tropical areas of potential.**



FEMA Region 6 Threat Matrix

Oct 26, 2023 - Oct 30, 2023

| DAY / THREAT | Thu | Fri | Sat | Sun | Mon |
|-----------------------------|-----------|-----------|------------|---------------------|-----|
| Severe Storms | | | | | |
| Heavy Rain / Flash Flooding | E-Ctrl TX | N-Ctrl TX | E OK, N AR | NETX, SE OK, W/N AR | |
| Fire Weather | | | | | |
| Tropical Winds / Surge | | | | | |
| Winter Weather | | | | TX/OK Panhandles | |
| River Flooding | TX | TX | TX, OK, AR | TX, OK, 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.



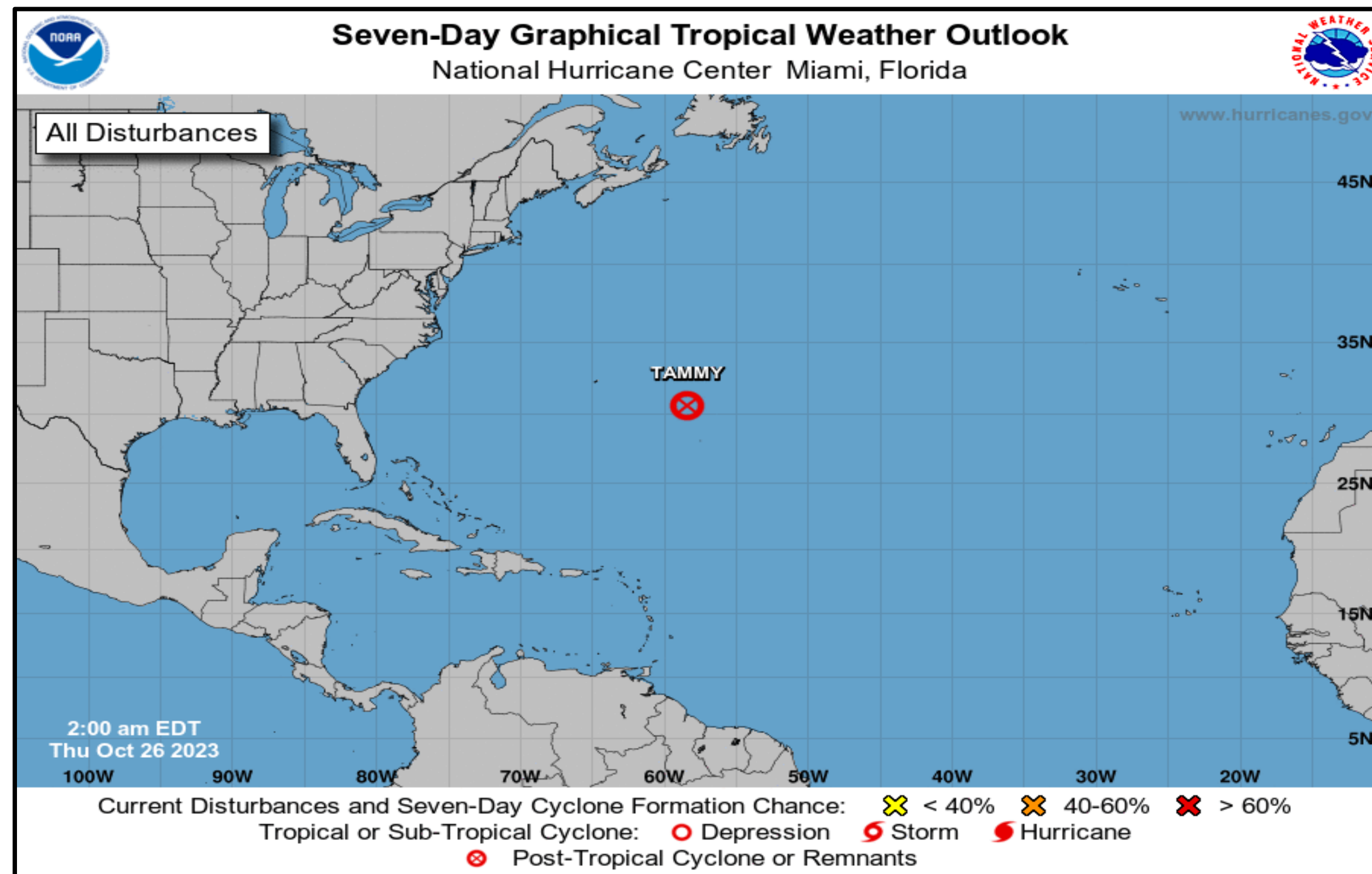
Tropical Weather Outlook – Atlantic/Gulf

Areas of Possible Development

| Area | Chance of Development | Potential Impacts to FEMA 6 |
|------|-----------------------|-----------------------------|
| - | | |

Active Tropical Cyclones

| Storm | Potential Impacts to FEMA 6 |
|-------|-----------------------------|
| - | |

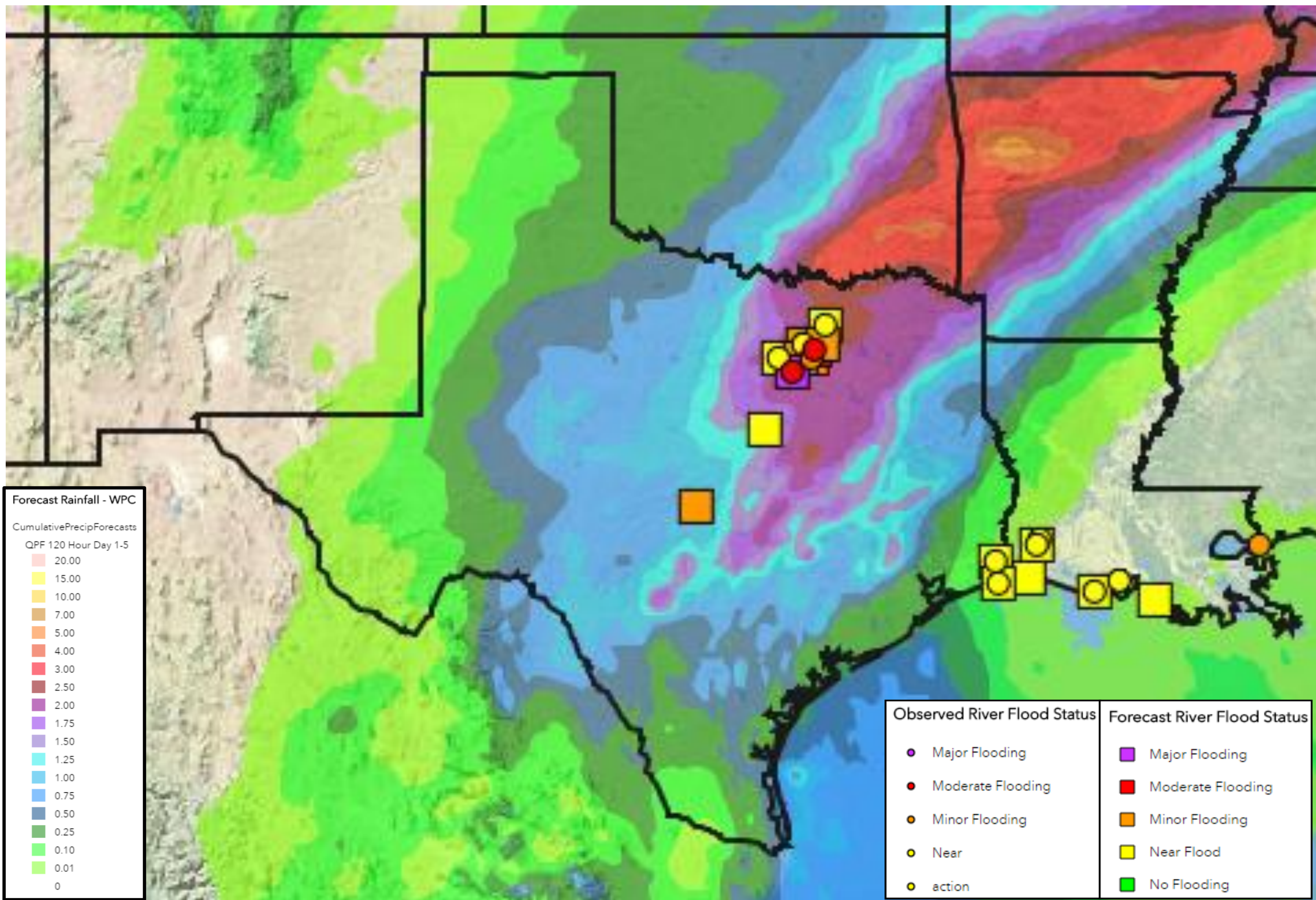


See <http://www.hurricanes.gov> for the latest on the tropics or any active storms



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



Locally heavy rainfall is possible in TX, OK, and AR through the weekend.

Isolated moderate river flooding in DFW metroplex. Some street flooding and the ball fields at Moss Park are flooding.

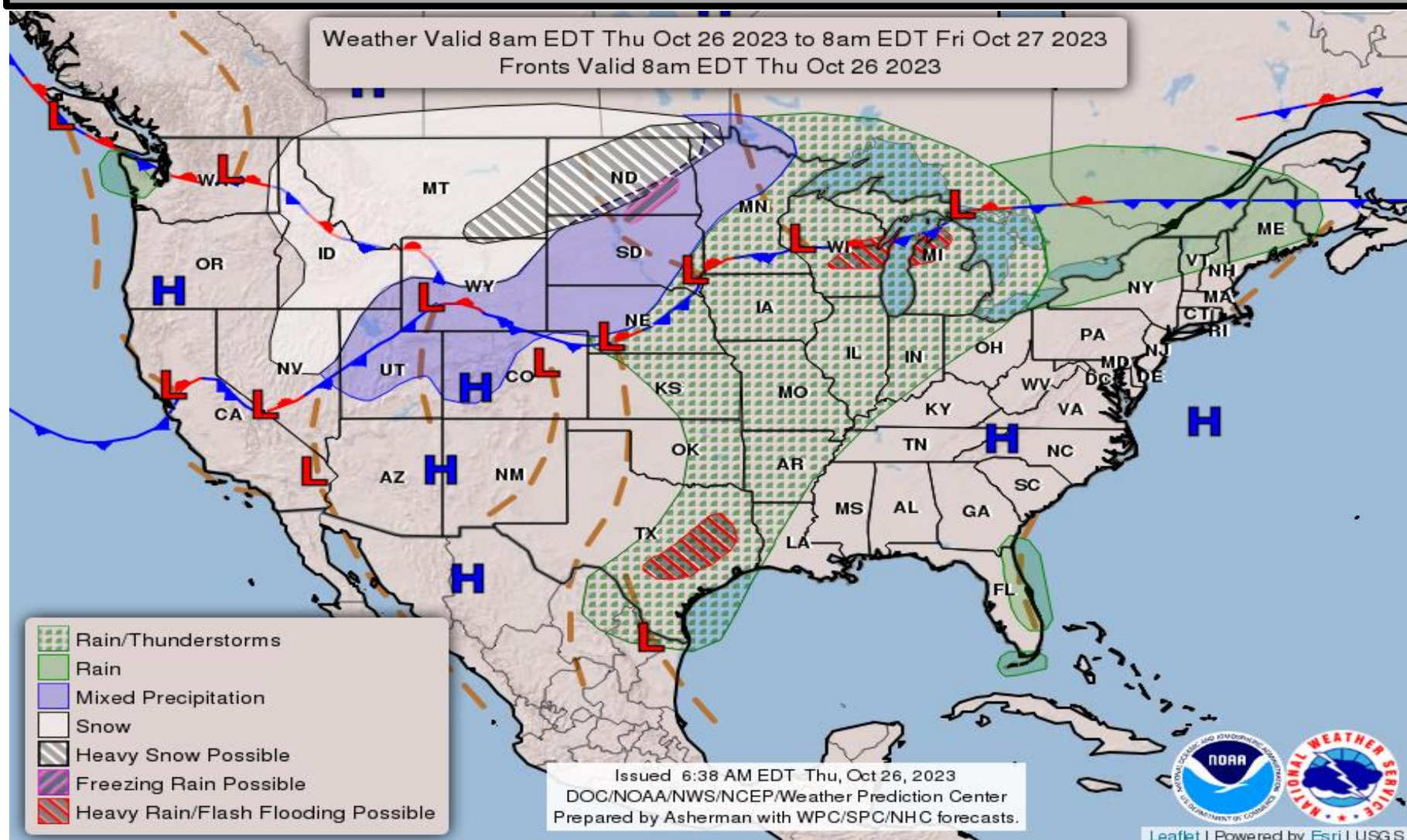
Most flooding is expected to drop back to below flooding stage later today with some isolated minor flooding lingering.

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

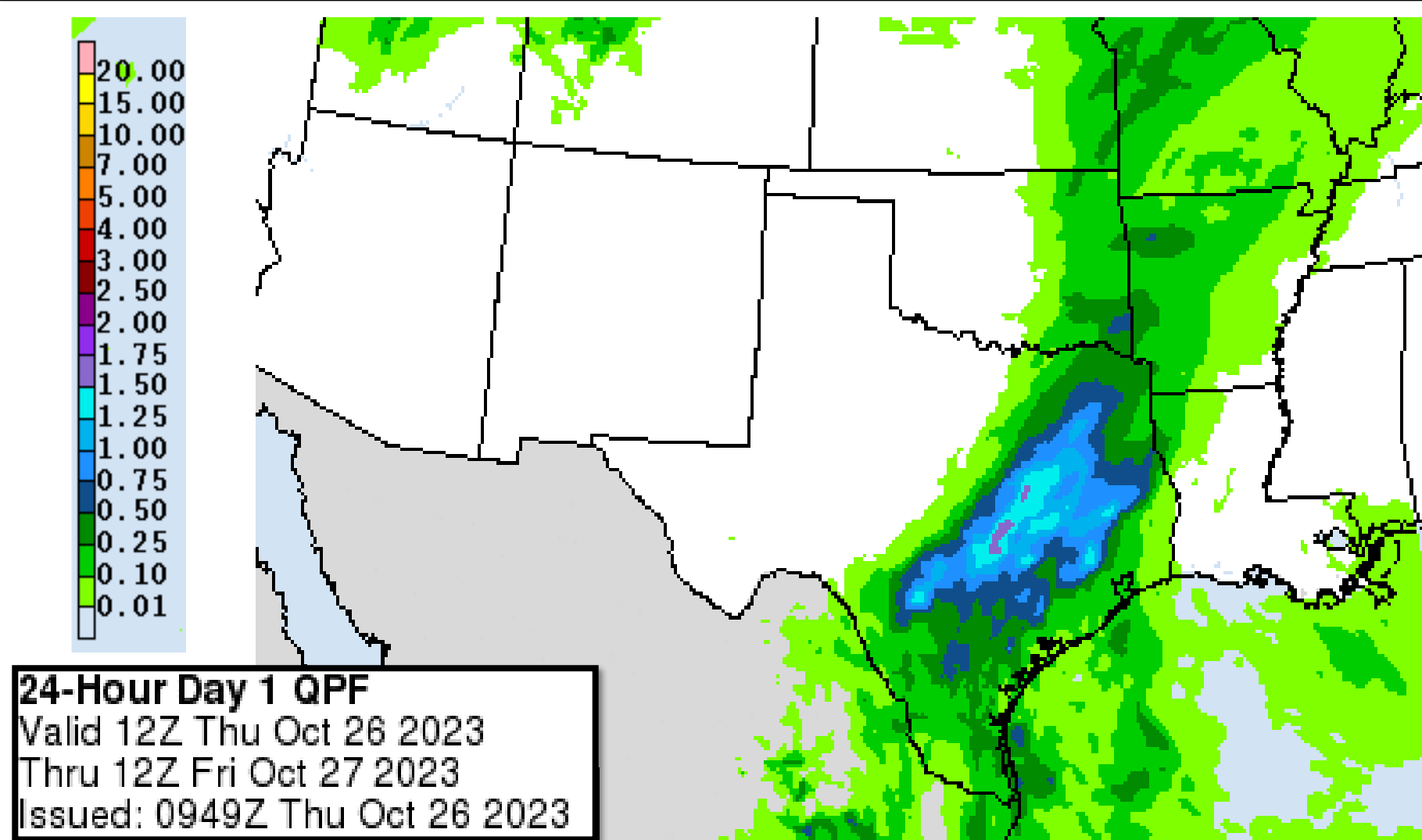


Today's Weather

Forecast Chart

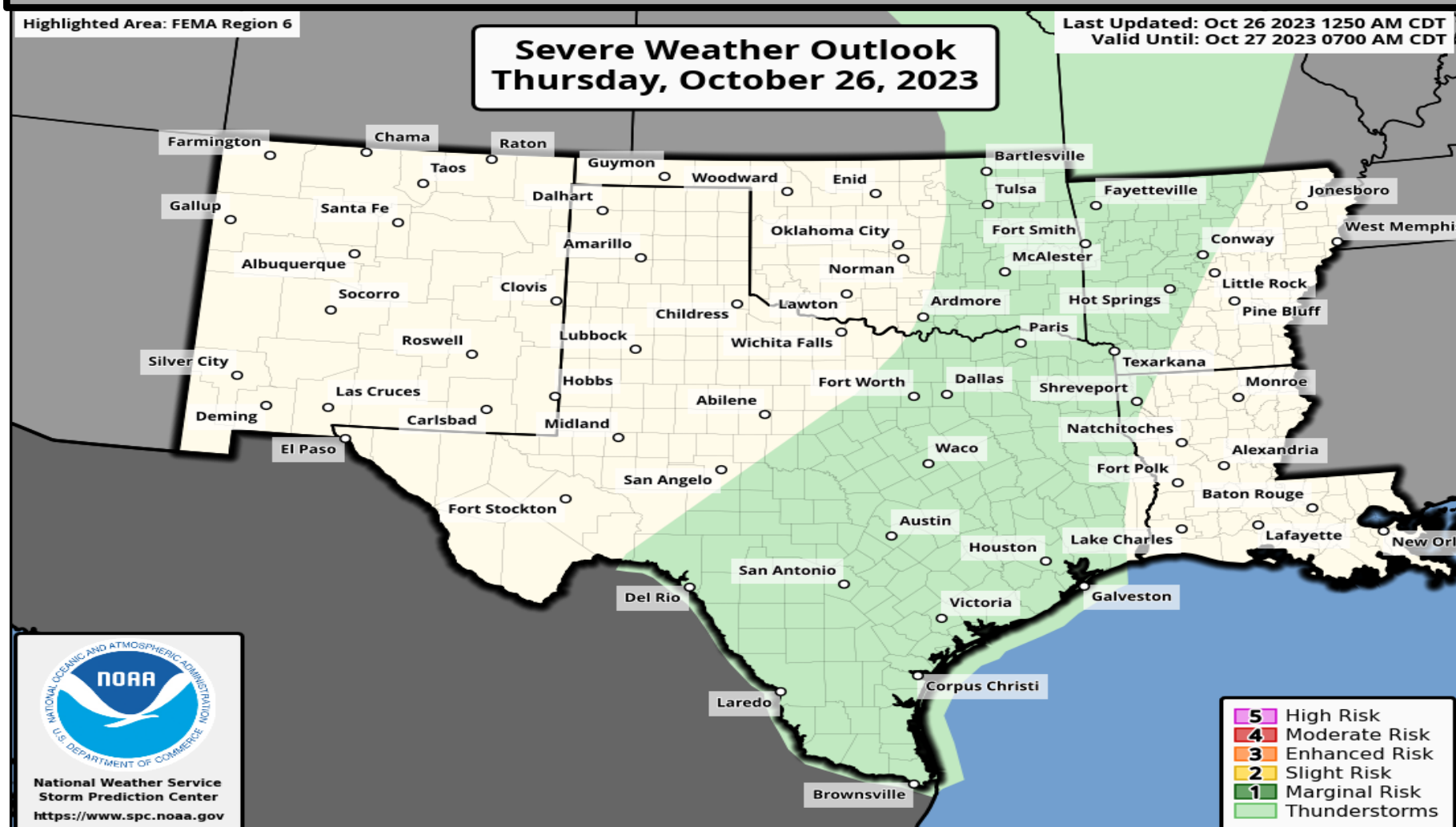


Forecast Rainfall

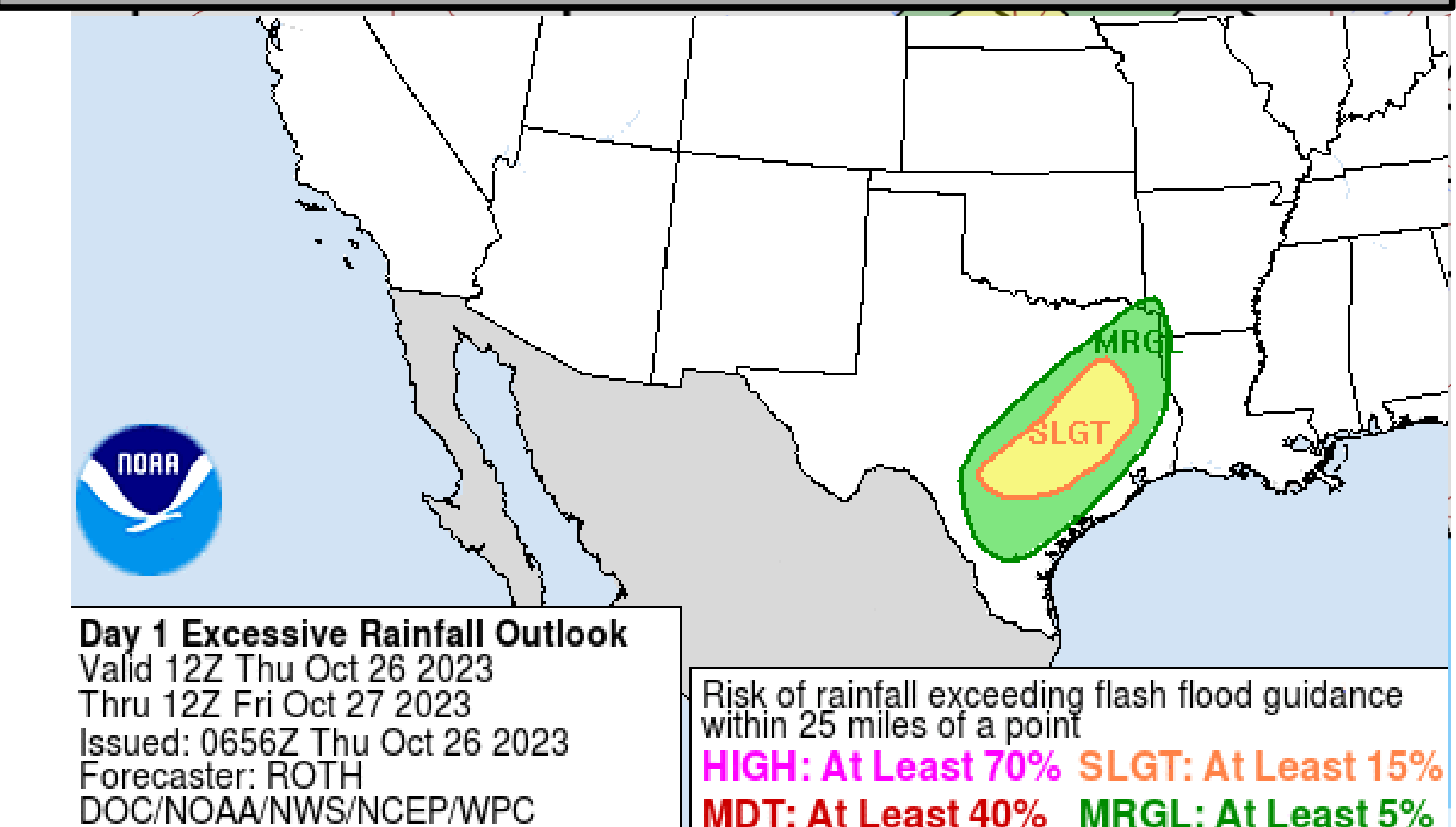


Locally heavy rainfall/flash flooding over east-central TX.

Severe Weather Outlook

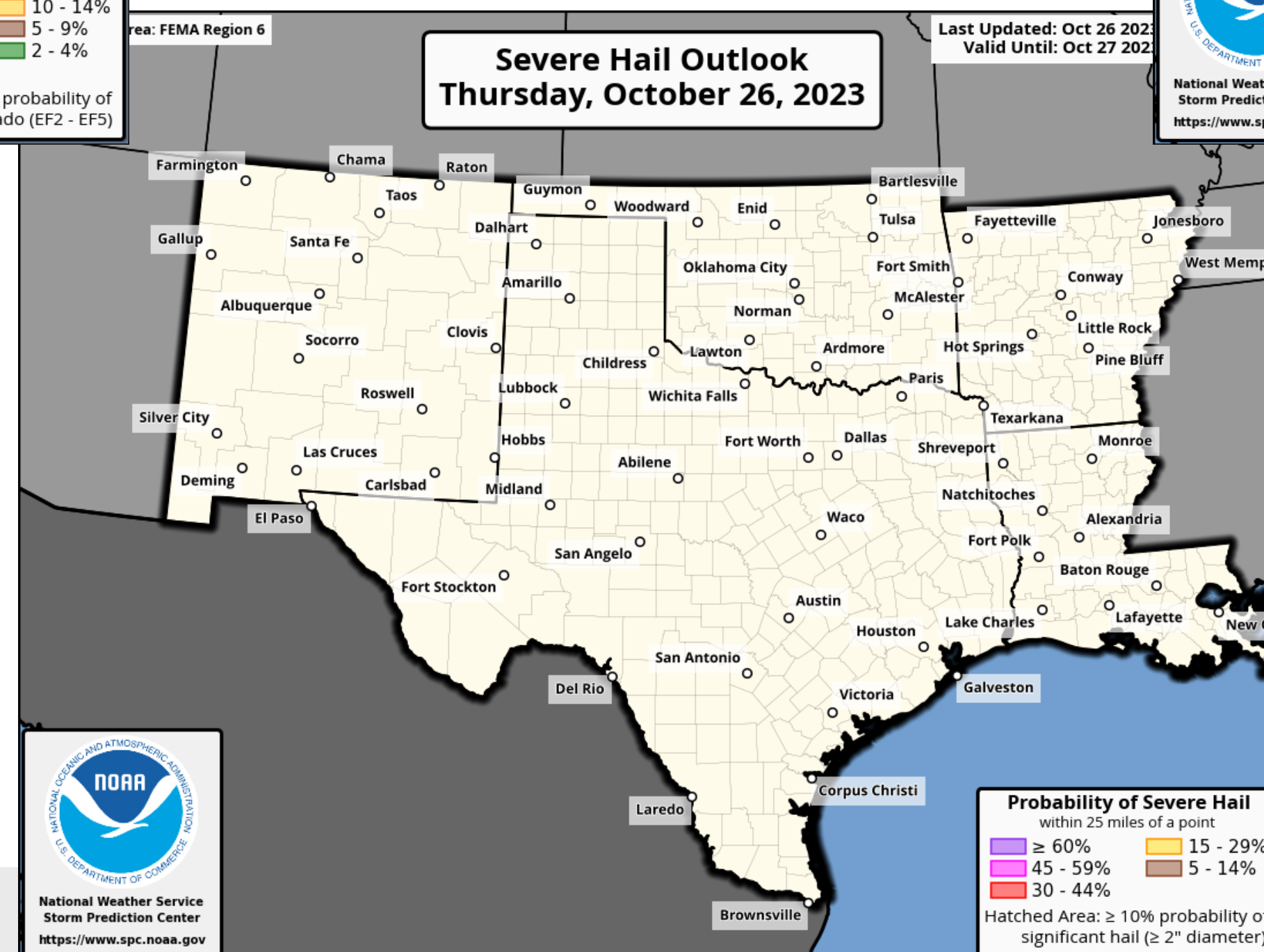
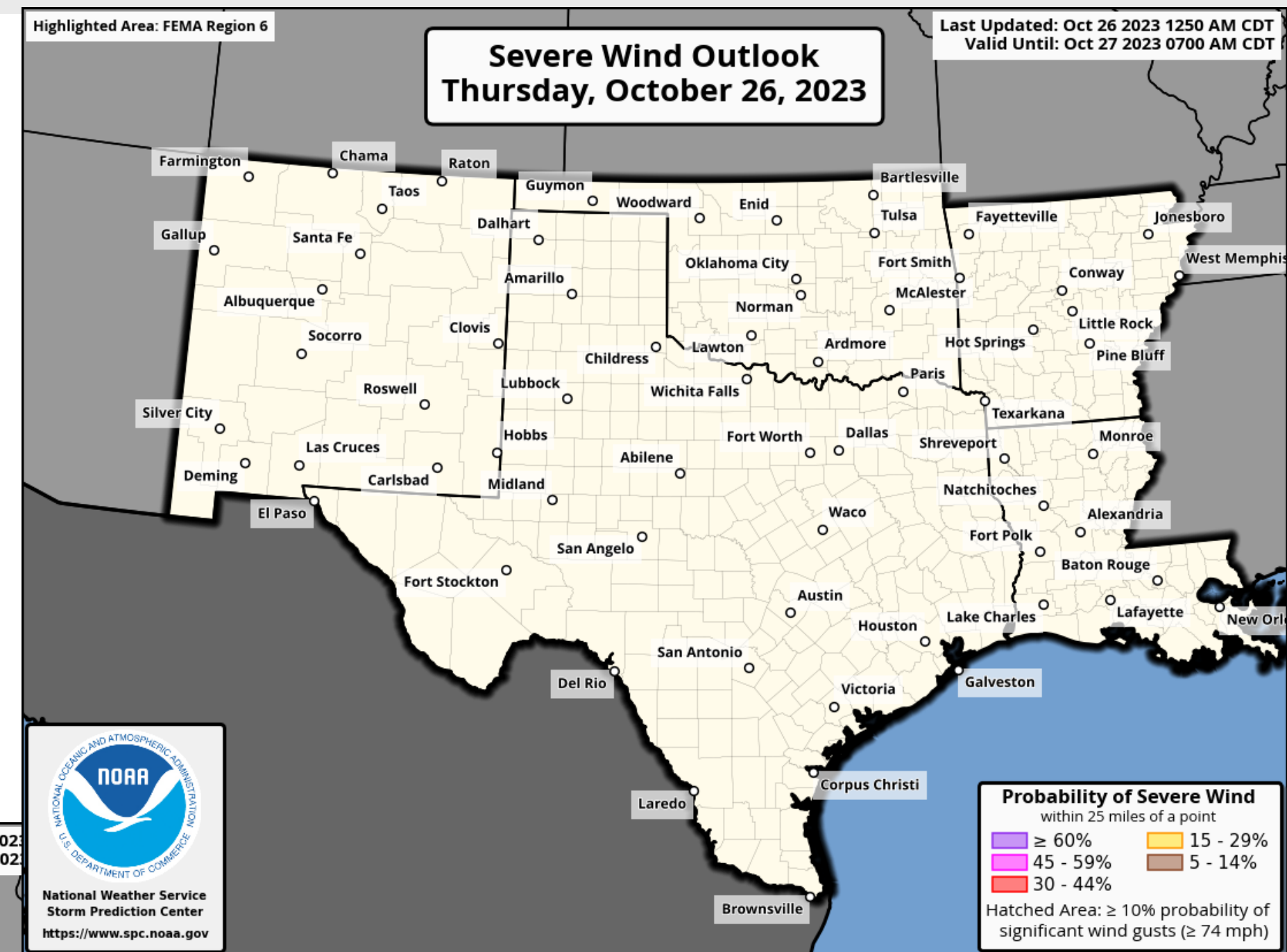
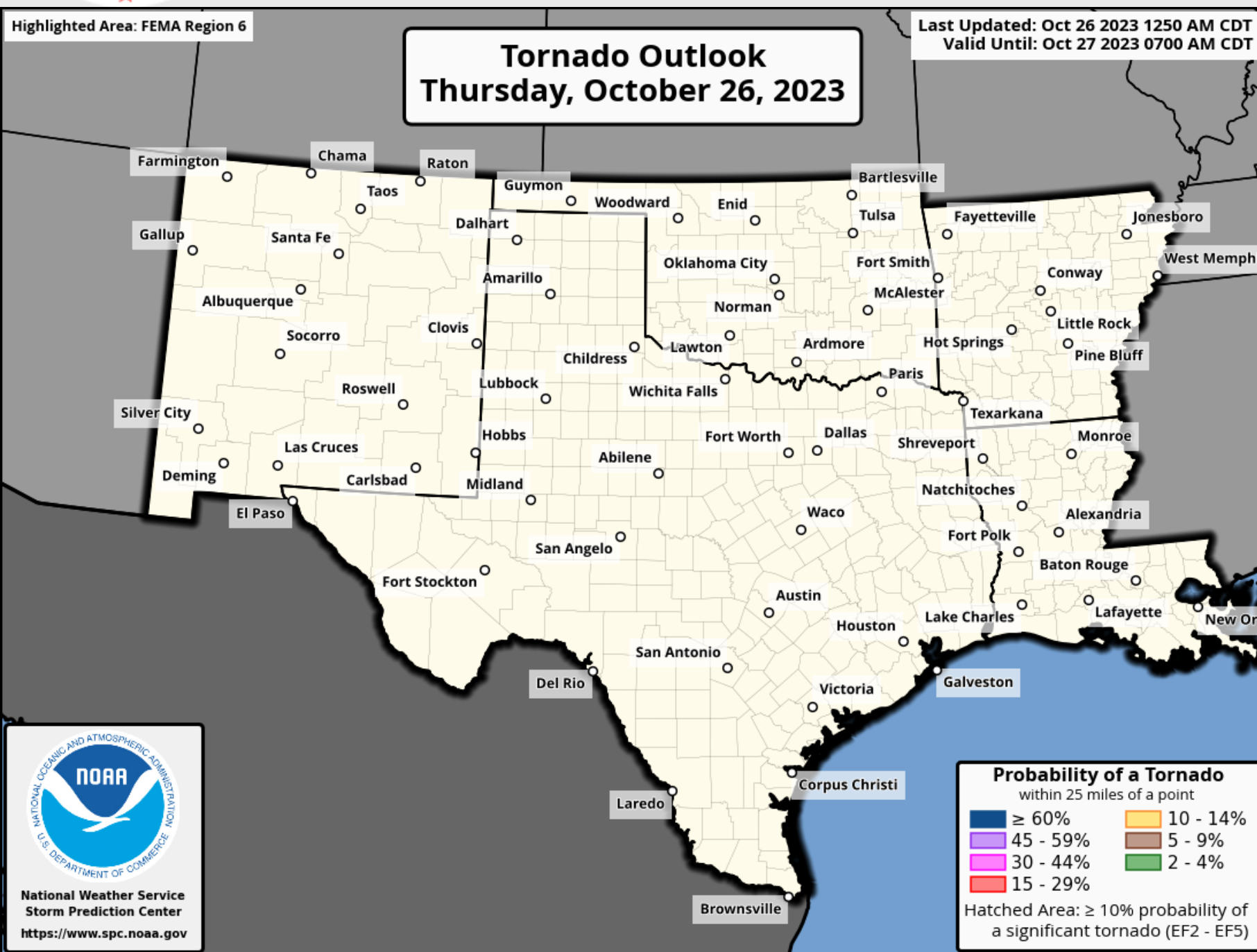


Excessive Rainfall Outlook





Today's Tornado & Severe Wind / Hail Probabilities

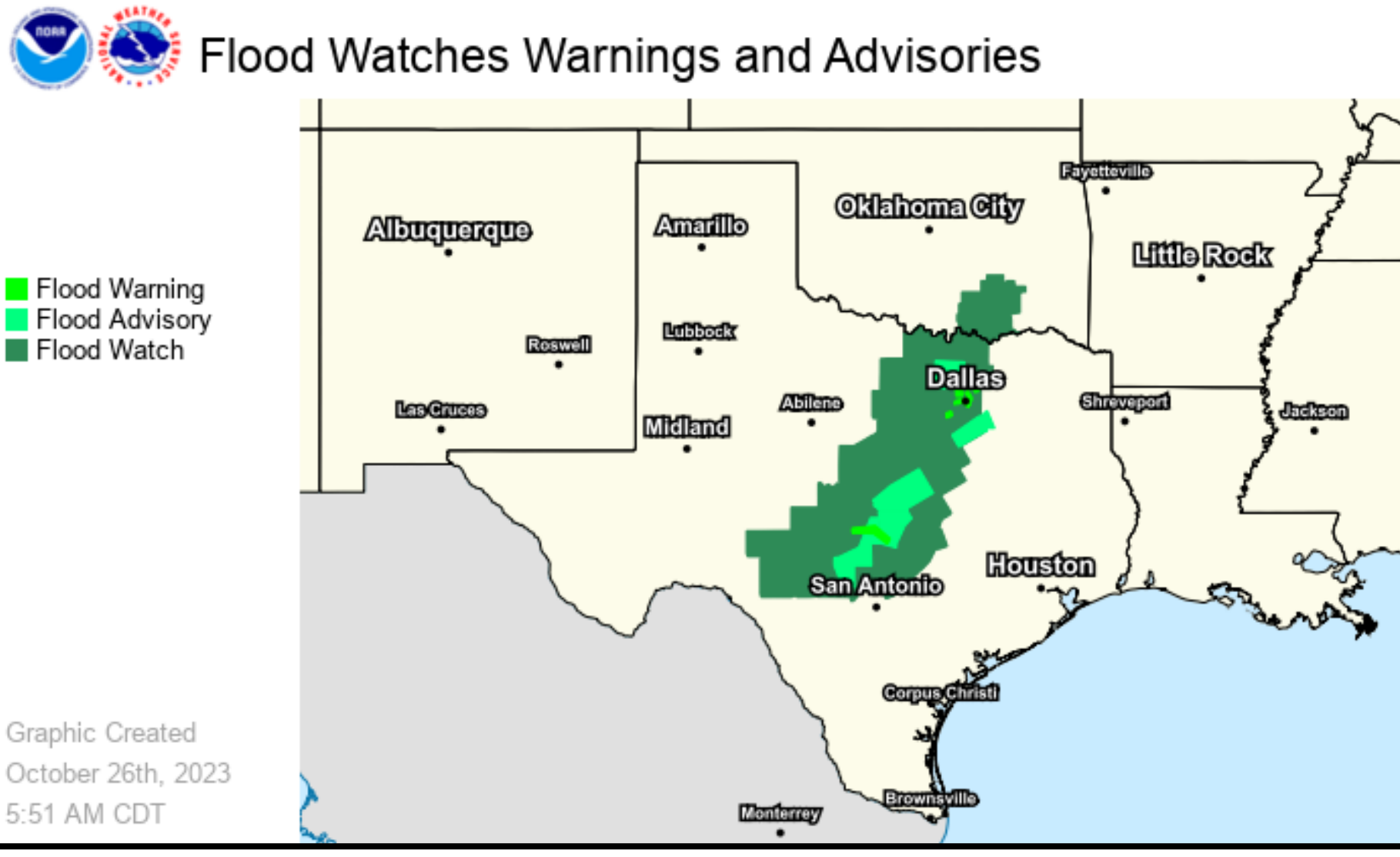
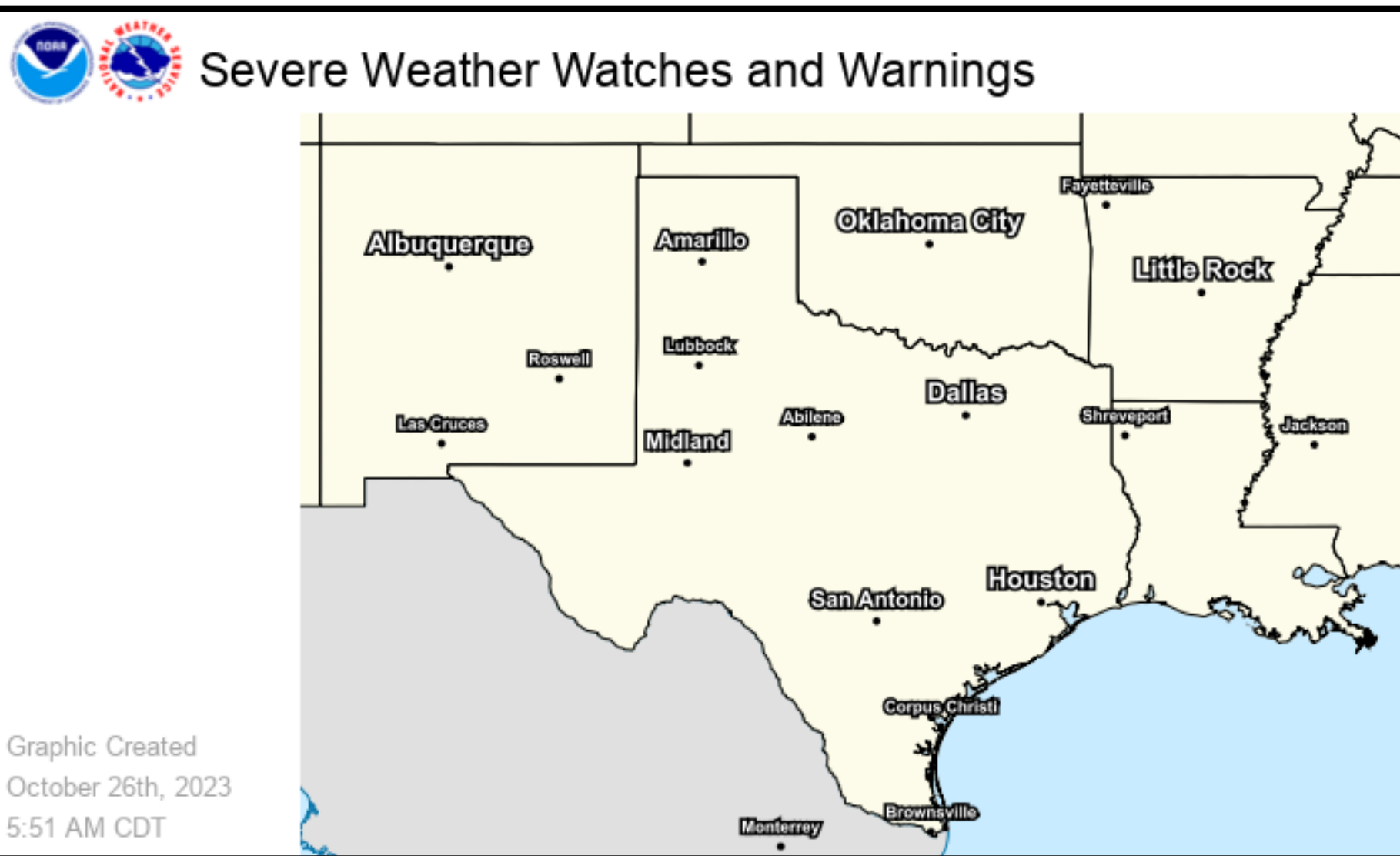




Watches, Warnings, and Advisories

Wind, Severe, Winter, and Flood Hazards

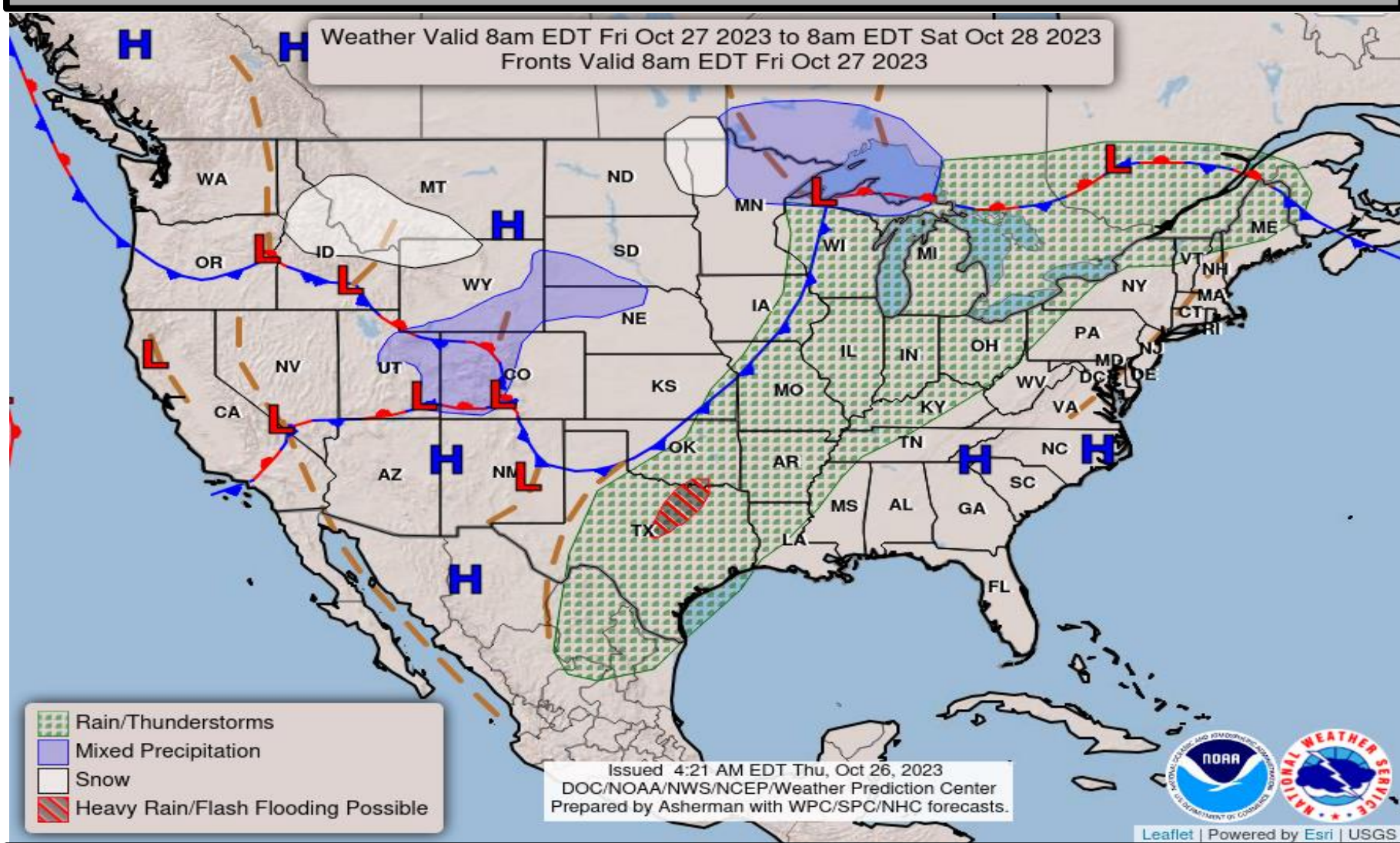
Flood Watch and Warnings for parts of W-Ctrl/NW TX, S/Ctrl OK.



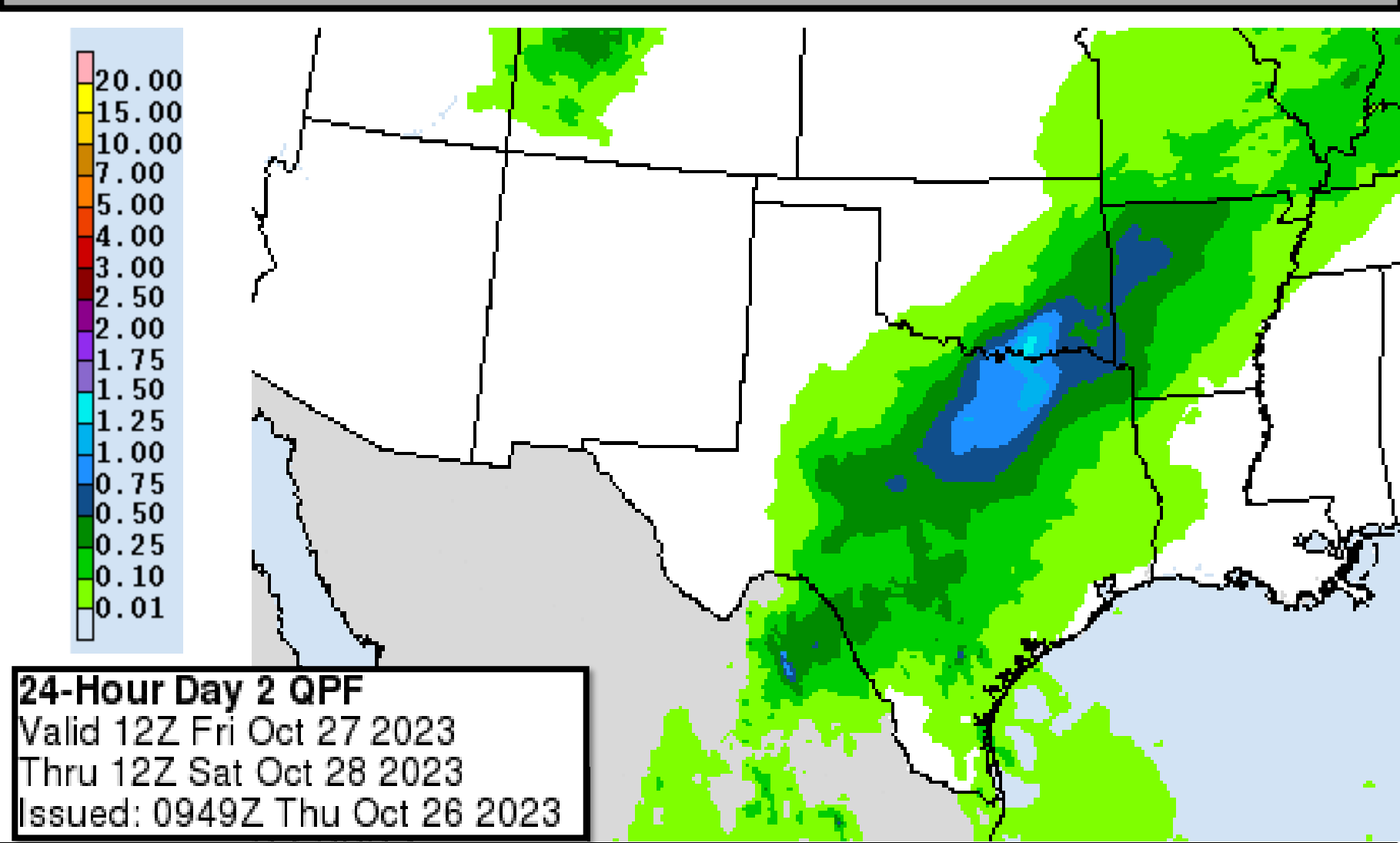


Tomorrow's Weather

Forecast Chart

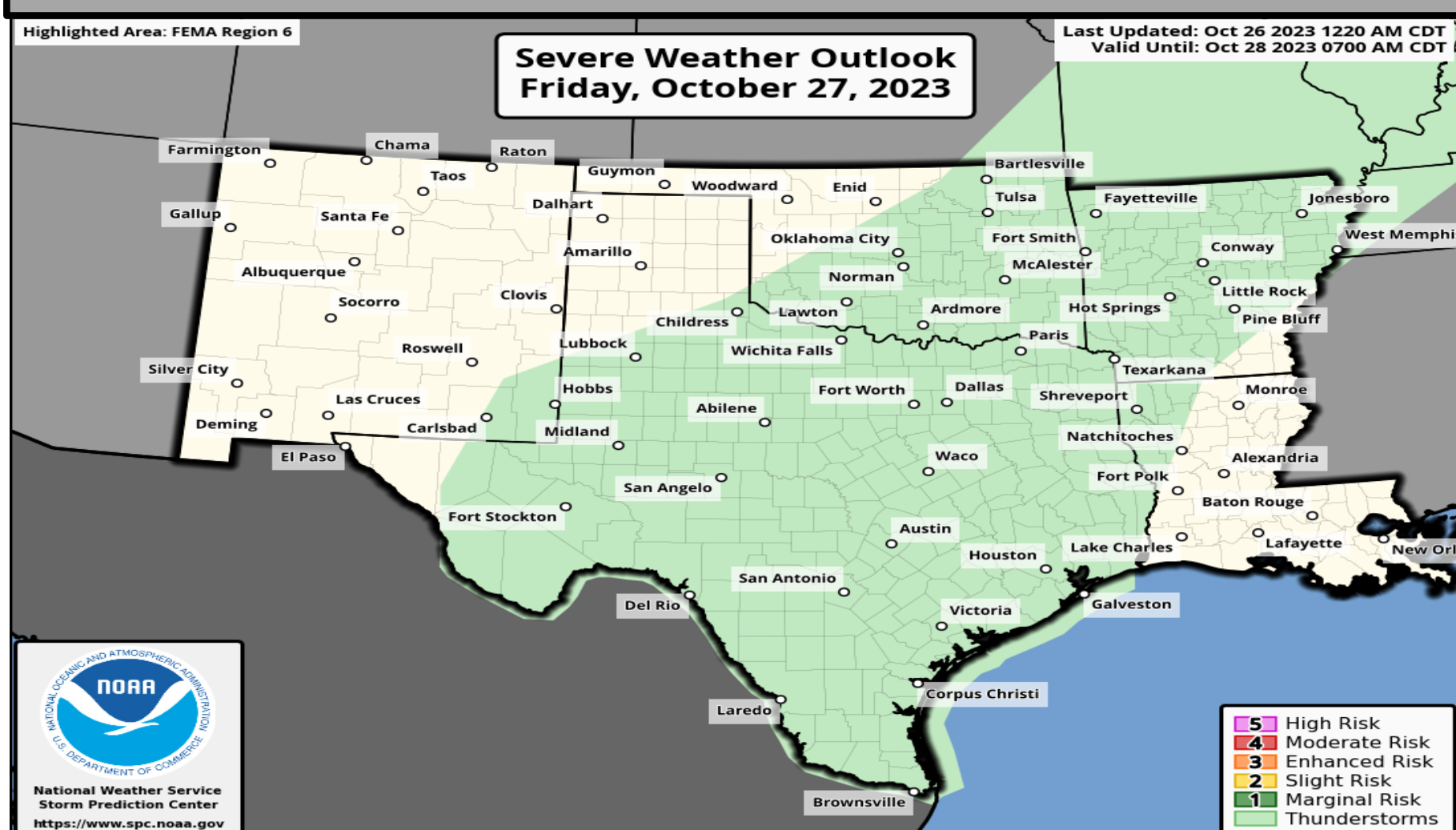


Forecast Rainfall

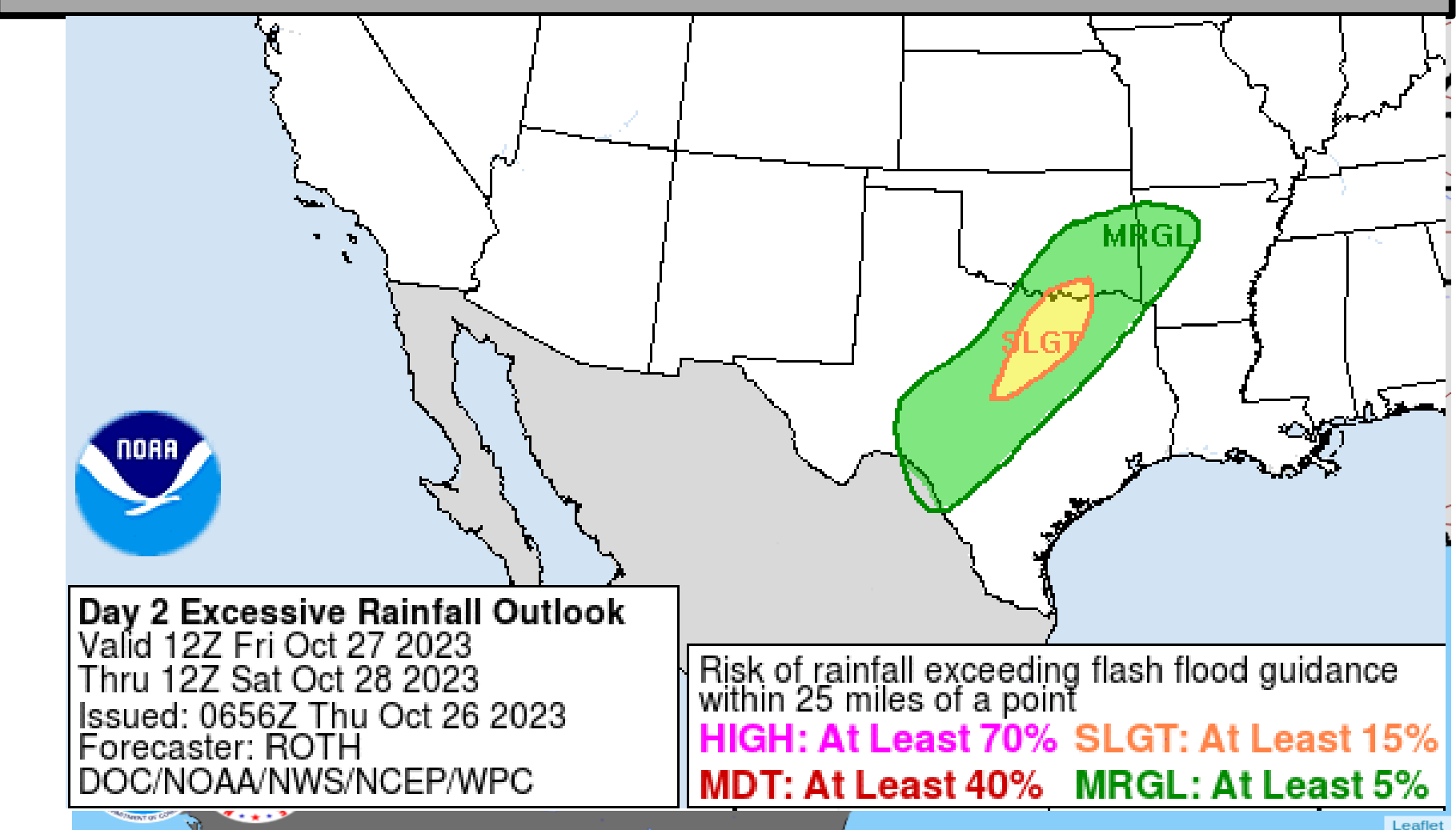


Locally heavy rainfall/flash flooding over north-central TX

Severe Weather Outlook

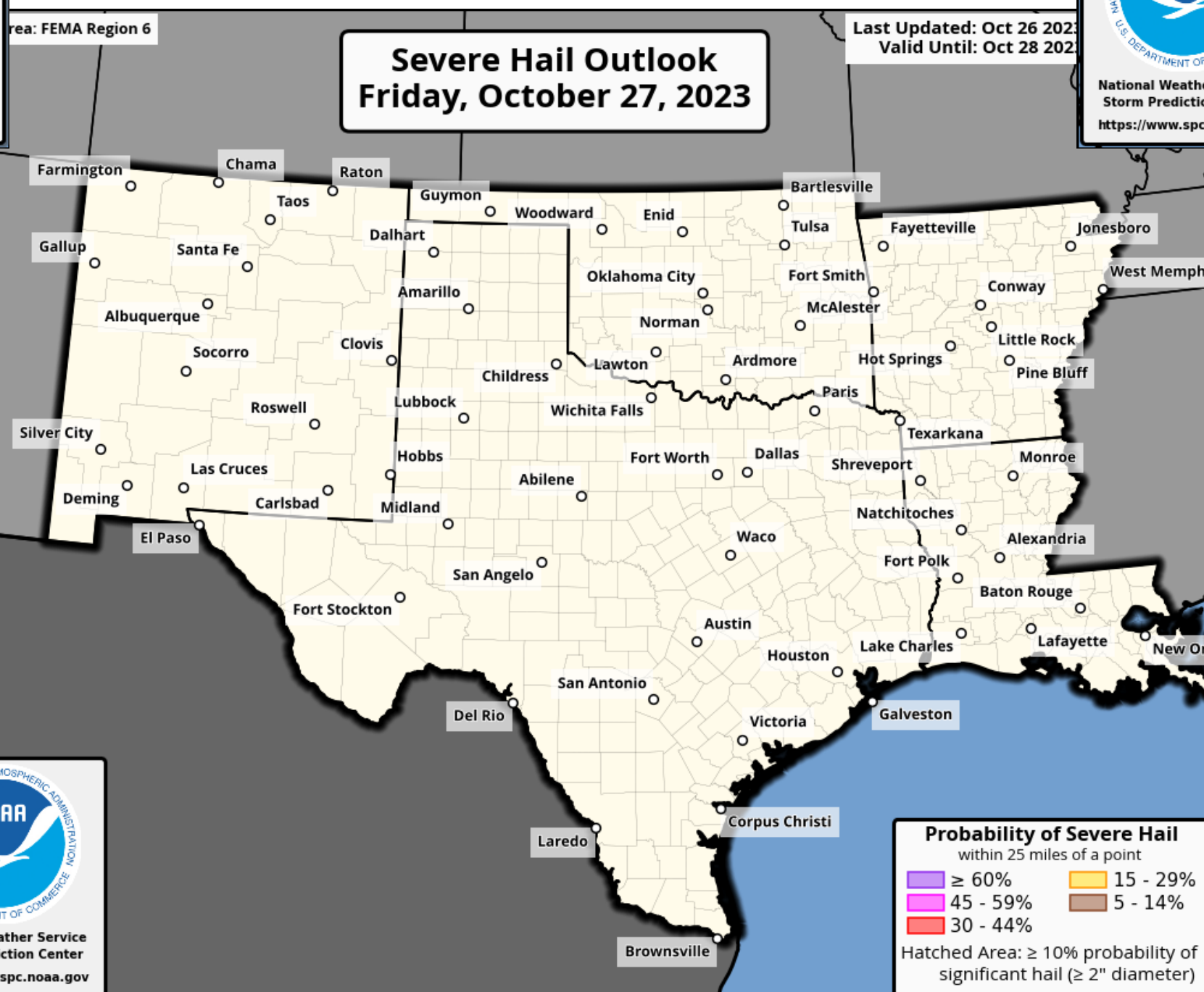
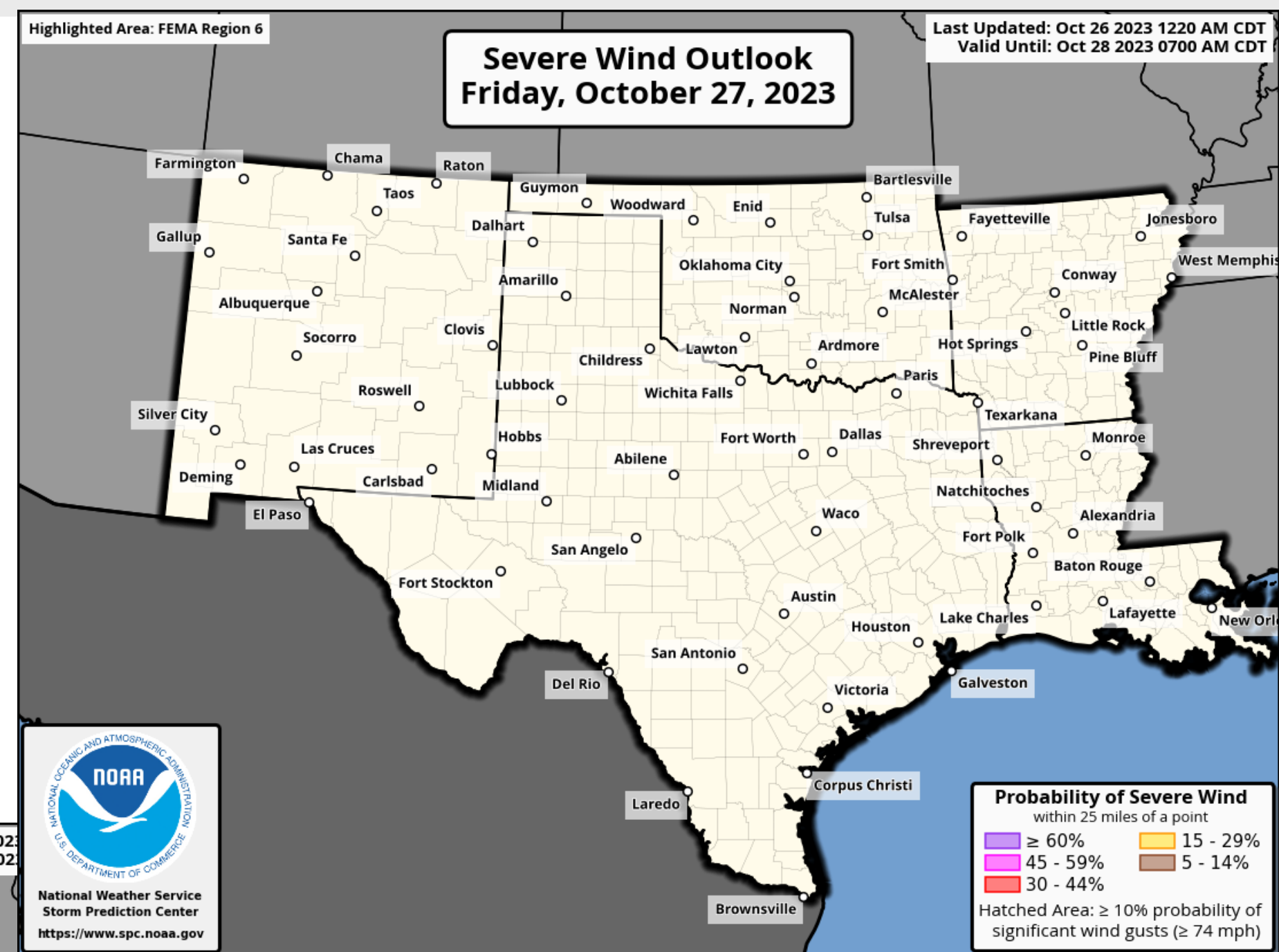
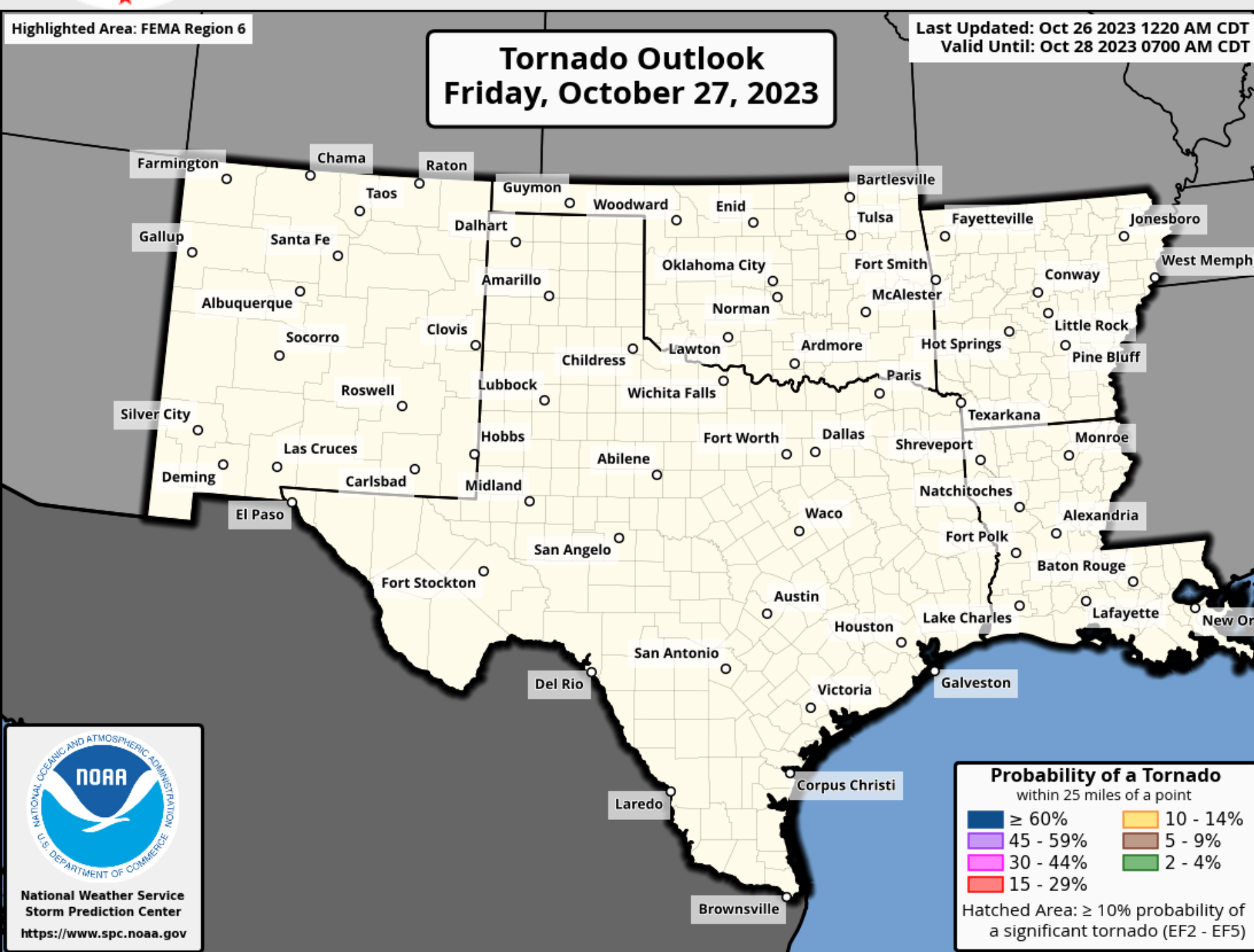


Excessive Rainfall Outlook





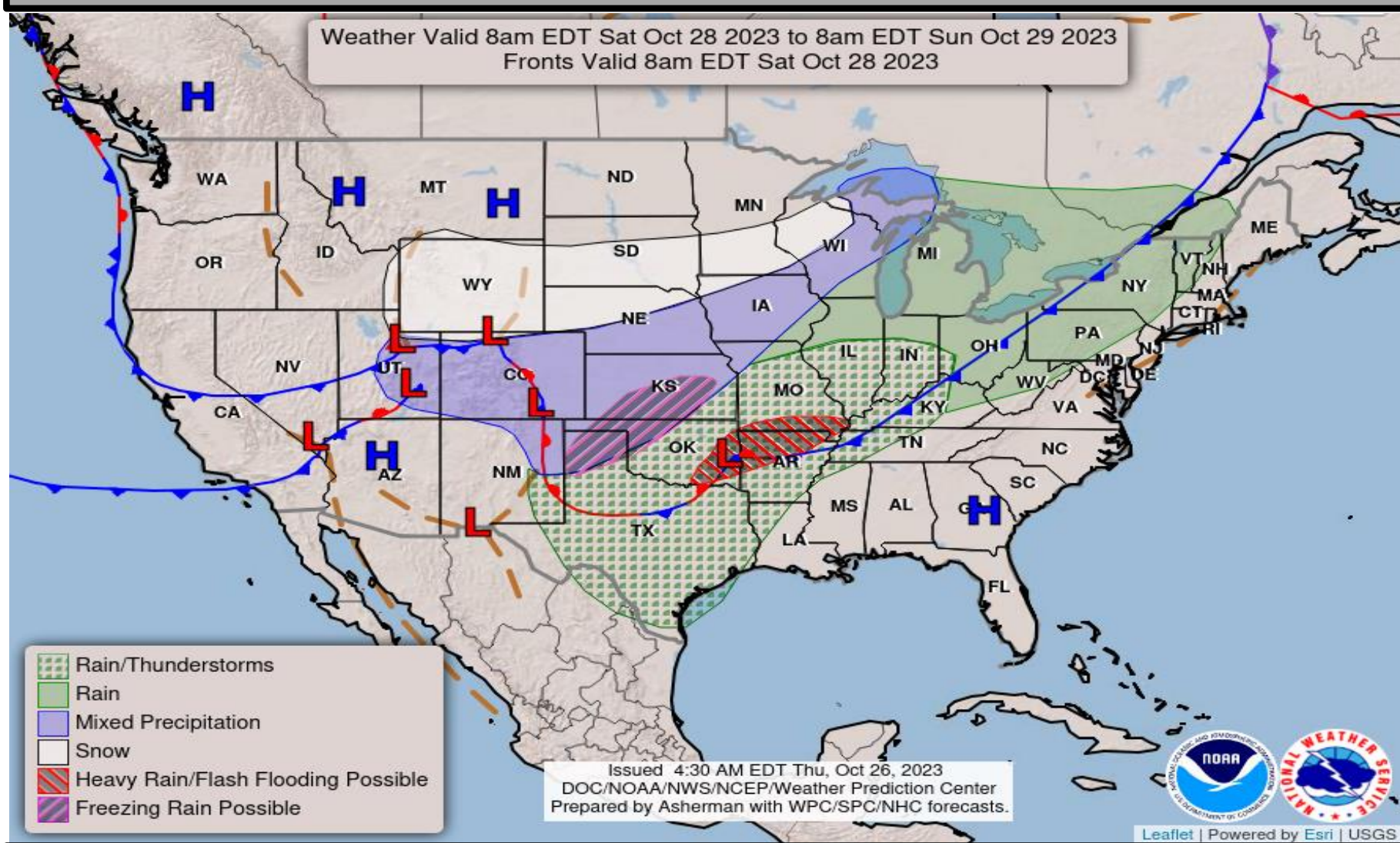
Tomorrow's Tornado & Severe Wind / Hail Probabilities



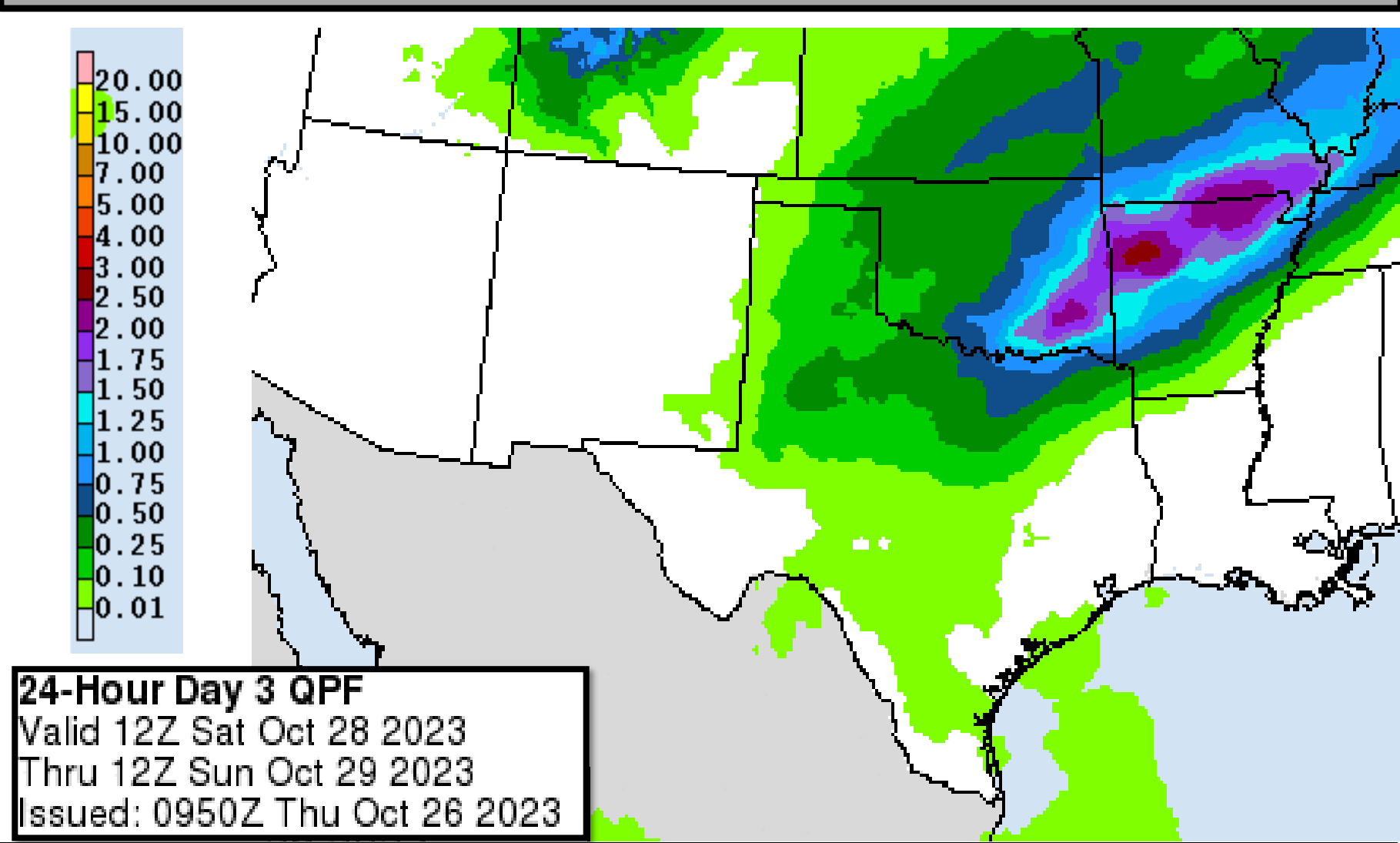


Saturday's Weather

Forecast Chart

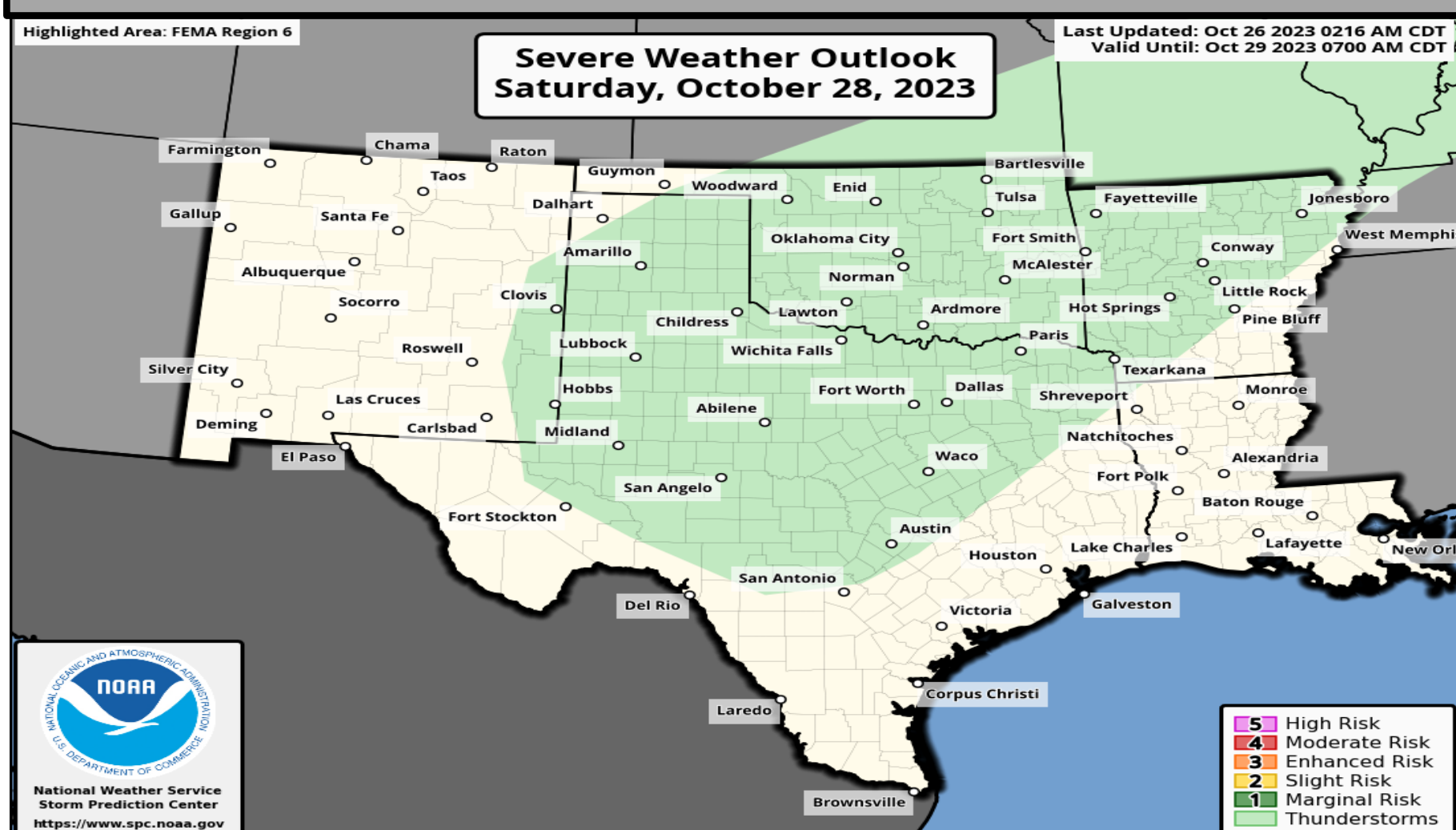


Forecast Rainfall

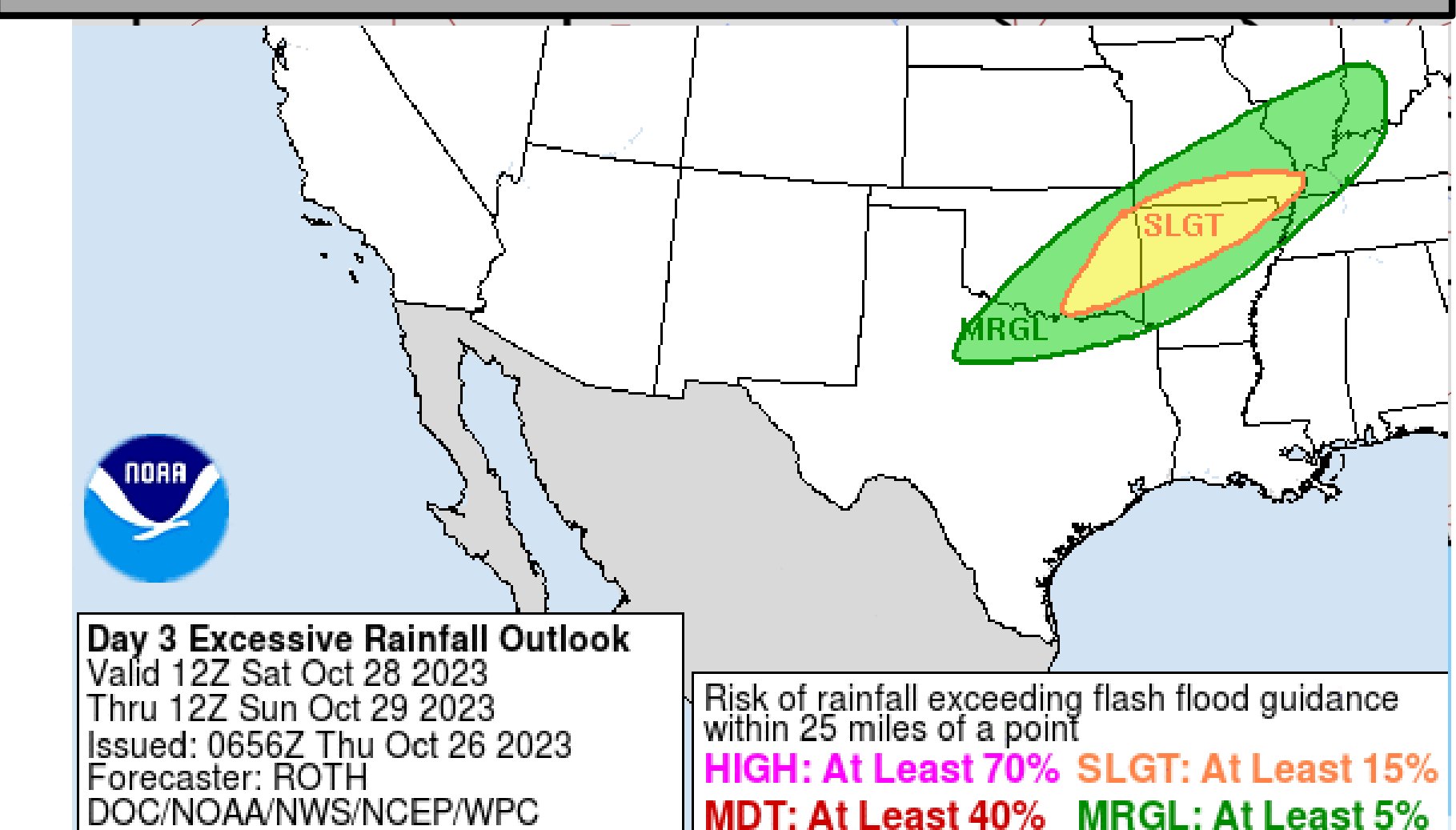


Slight risk of excessive rainfall/flash flooding for E OK, N AR.

Severe Weather Outlook



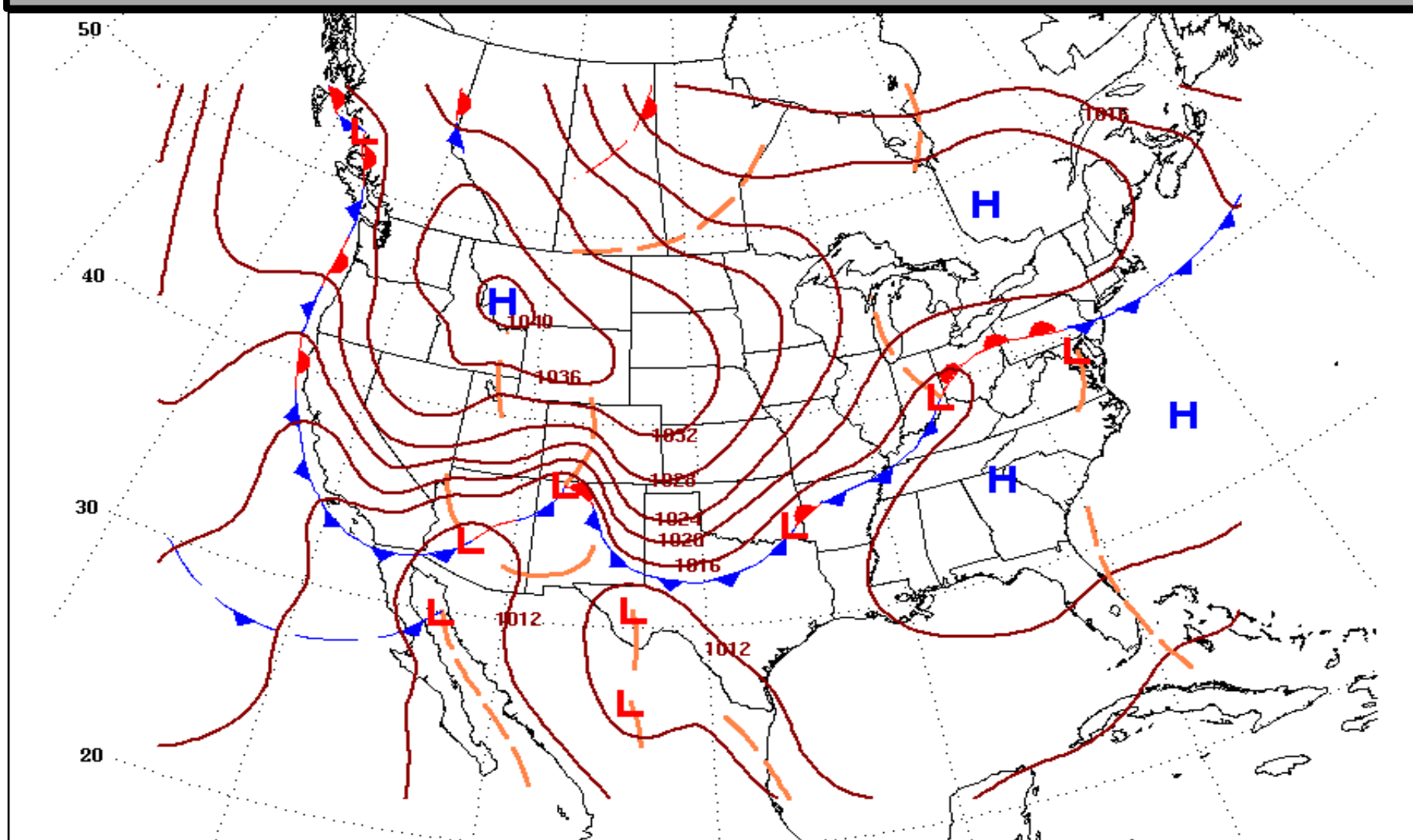
Excessive Rainfall Outlook



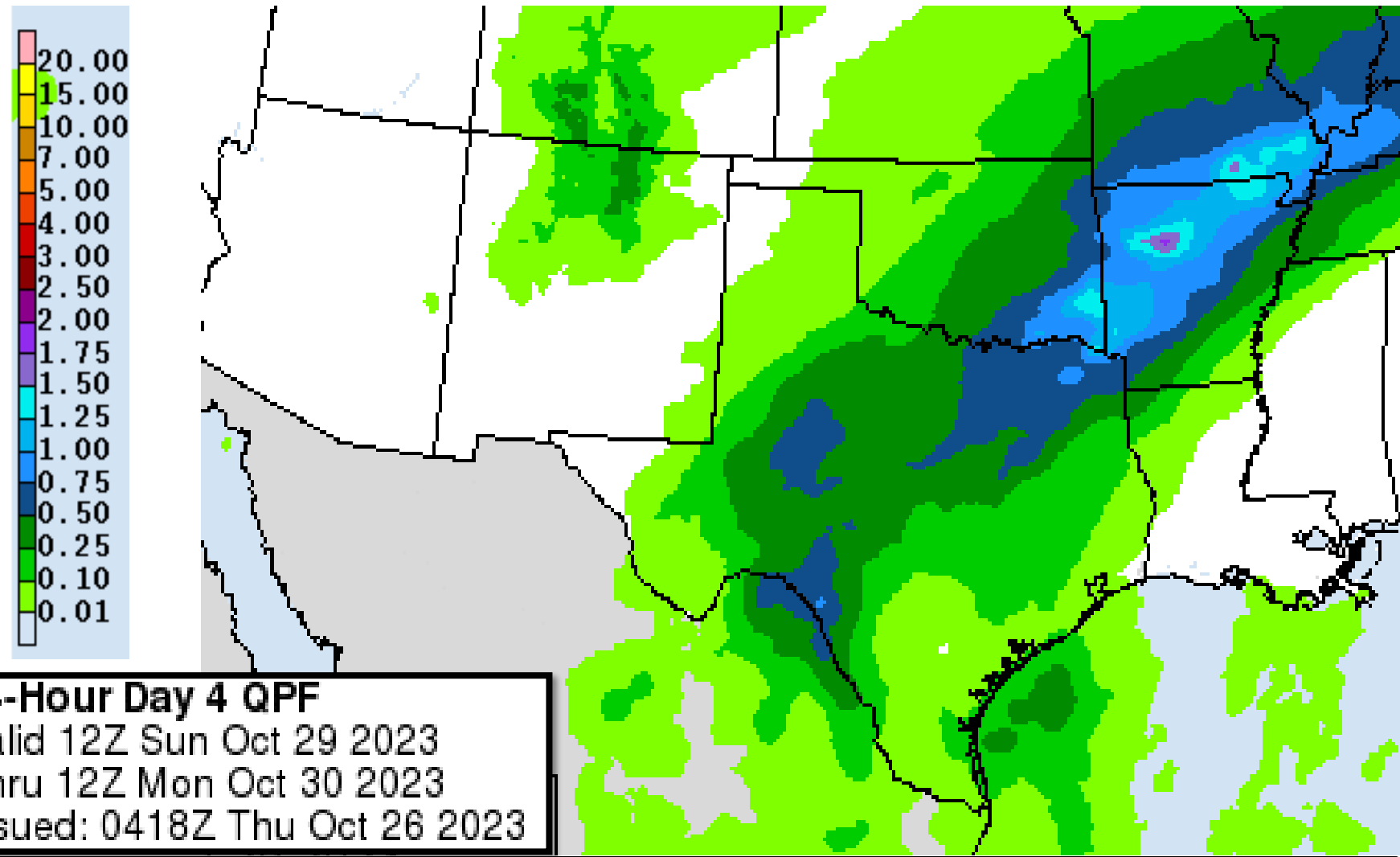


Sunday's Weather

Forecast Chart



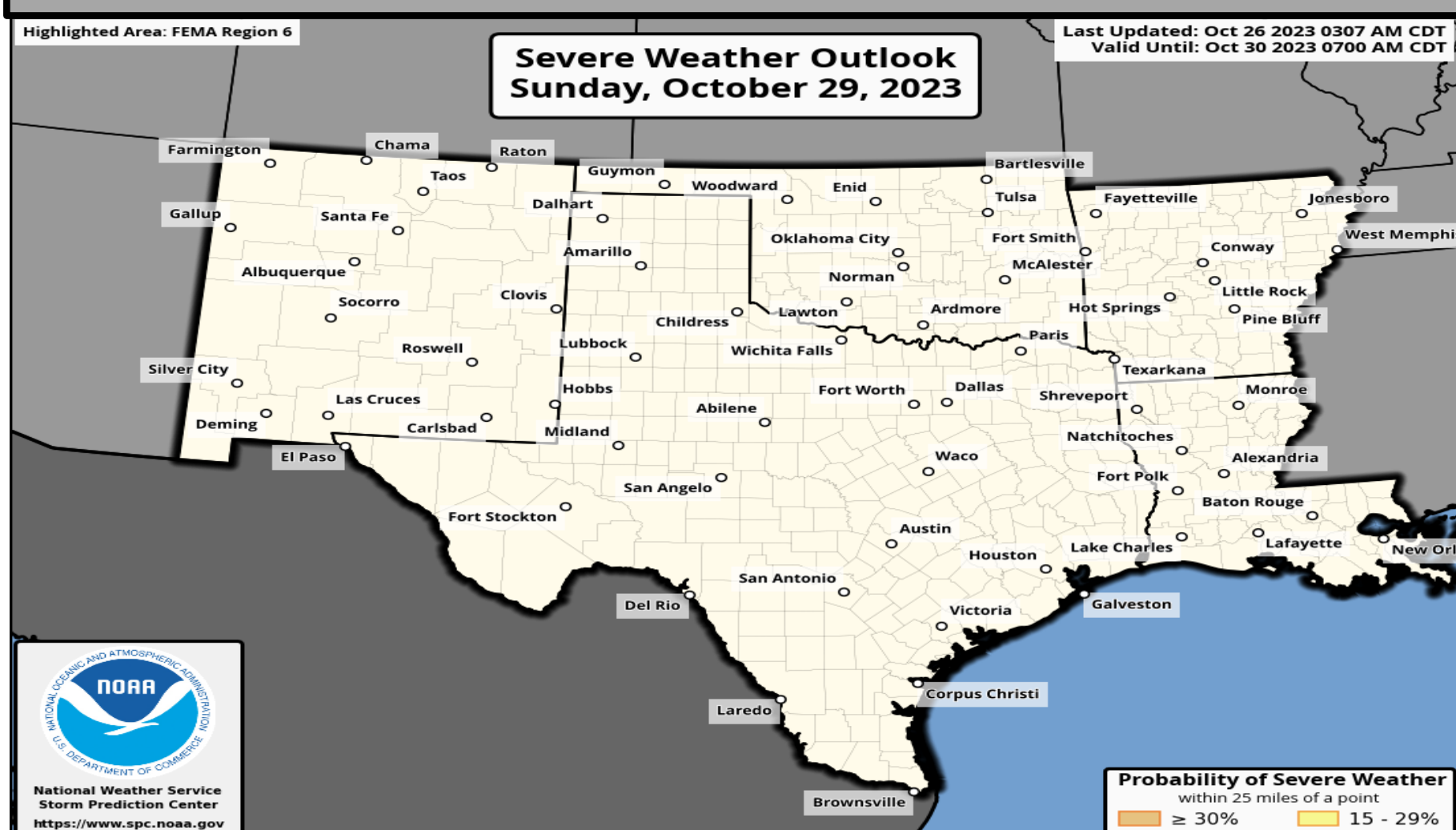
Forecast Rainfall



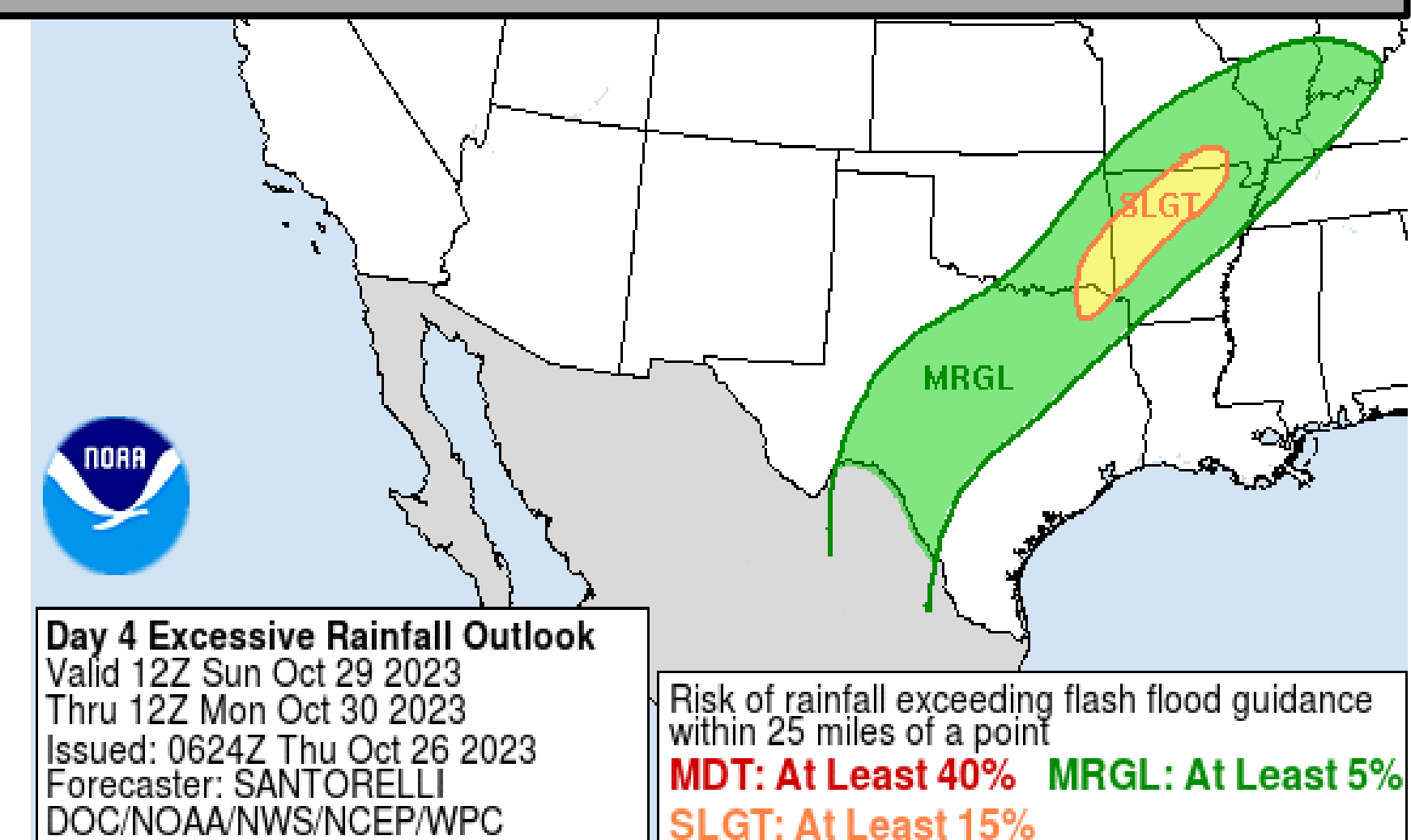
Slight risk of excessive rainfall/flash flooding for NETX, SE OK, W/N AR.

24-Hour Day 4 QPF
Valid 12Z Sun Oct 29 2023
Thru 12Z Mon Oct 30 2023
Issued: 0418Z Thu Oct 26 2023

Severe Weather Outlook



Excessive Rainfall Outlook



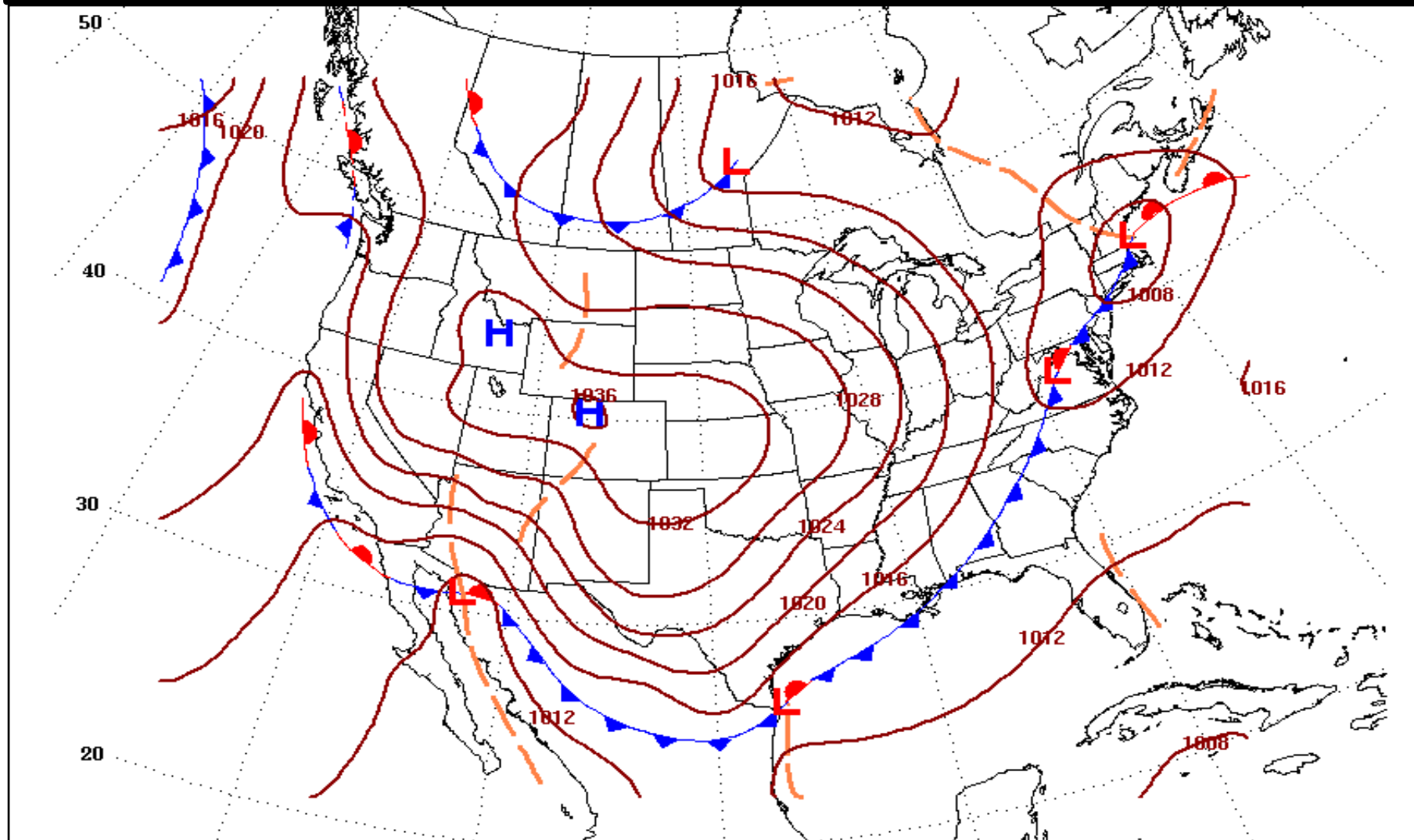
Day 4 Excessive Rainfall Outlook
Valid 12Z Sun Oct 29 2023
Thru 12Z Mon Oct 30 2023
Issued: 0624Z Thu Oct 26 2023
Forecaster: SANTORELLI
DOC/NOAA/NWS/NCEP/WPC

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%

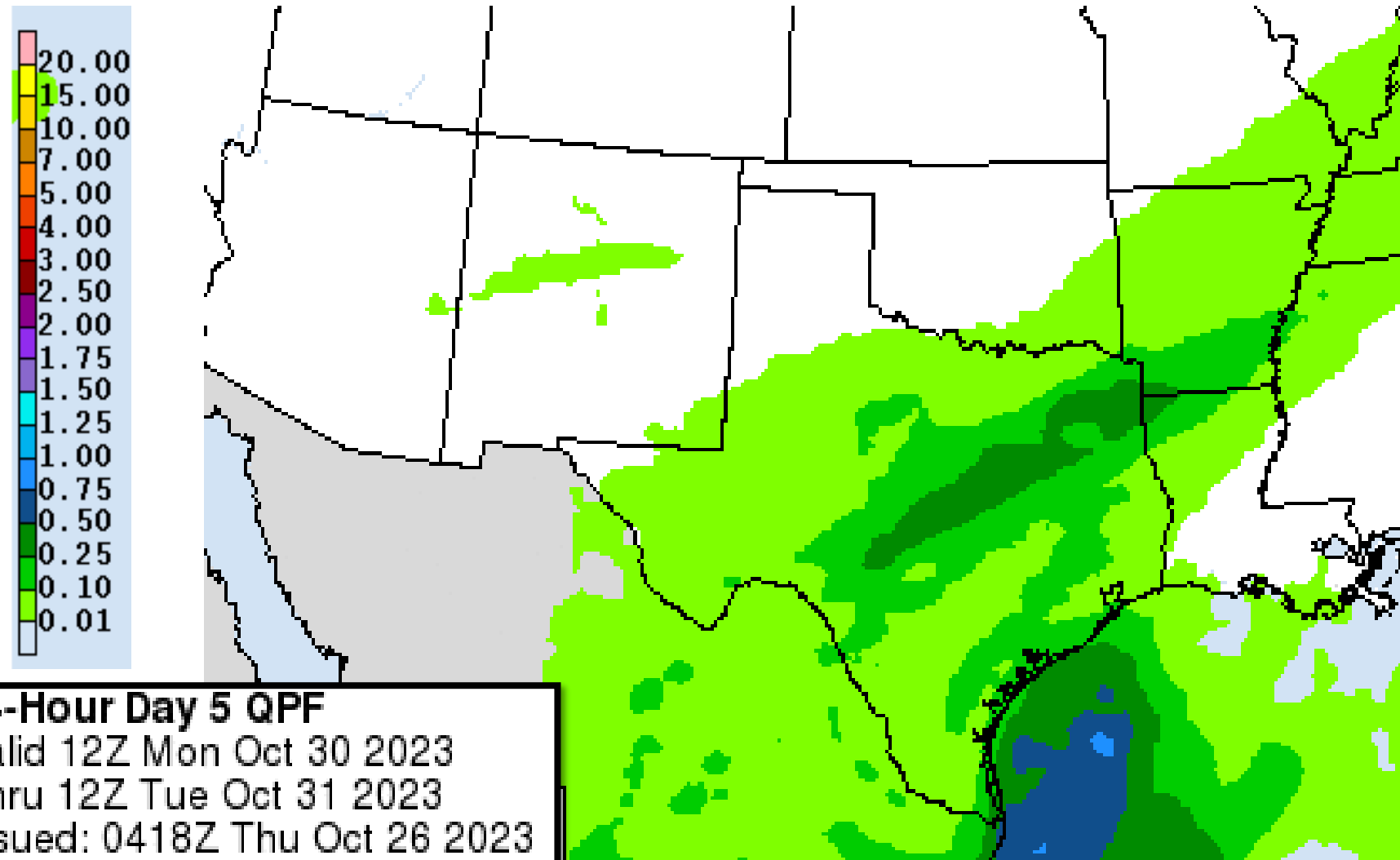


Monday's Weather

Forecast Chart



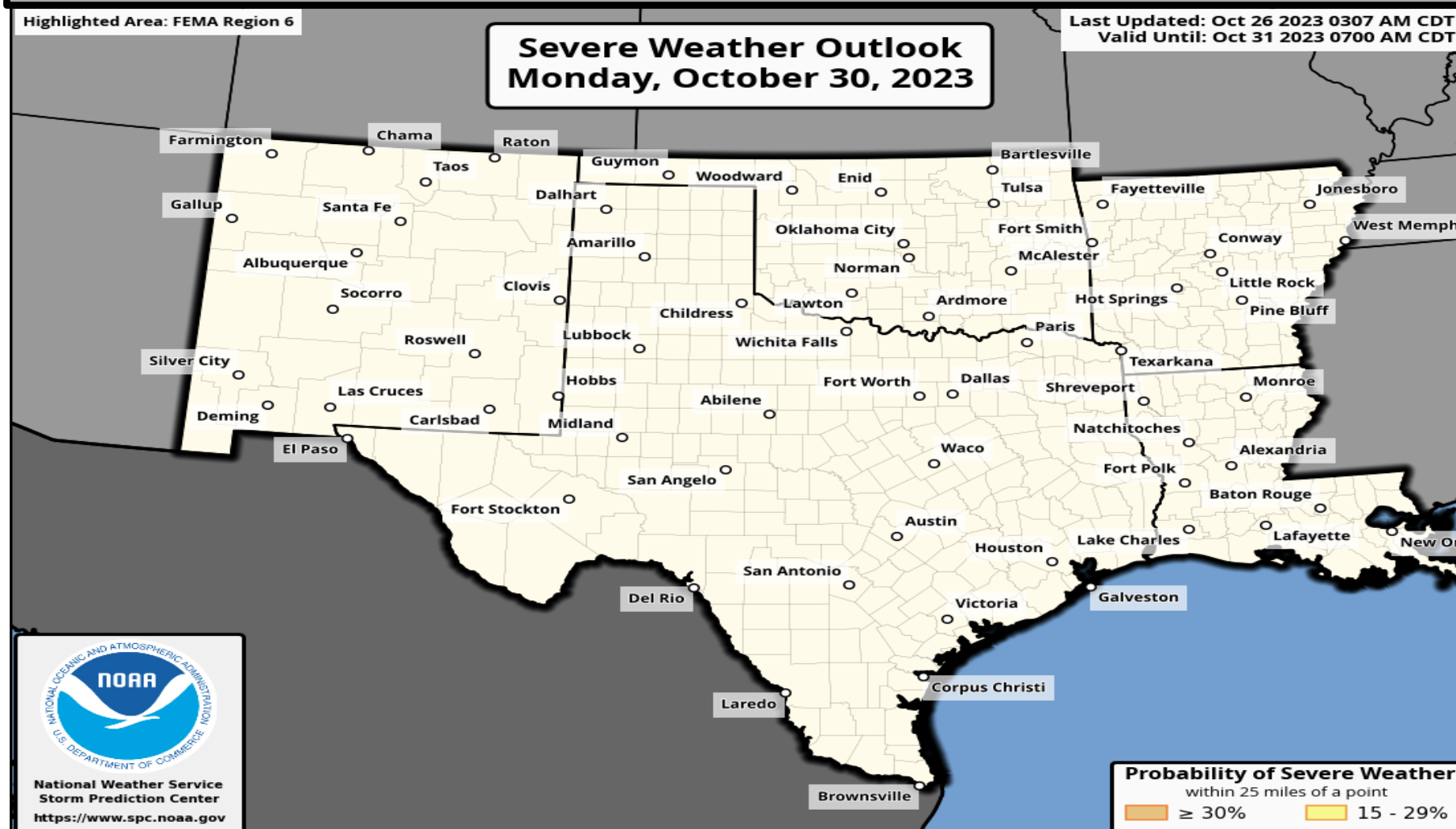
Forecast Rainfall



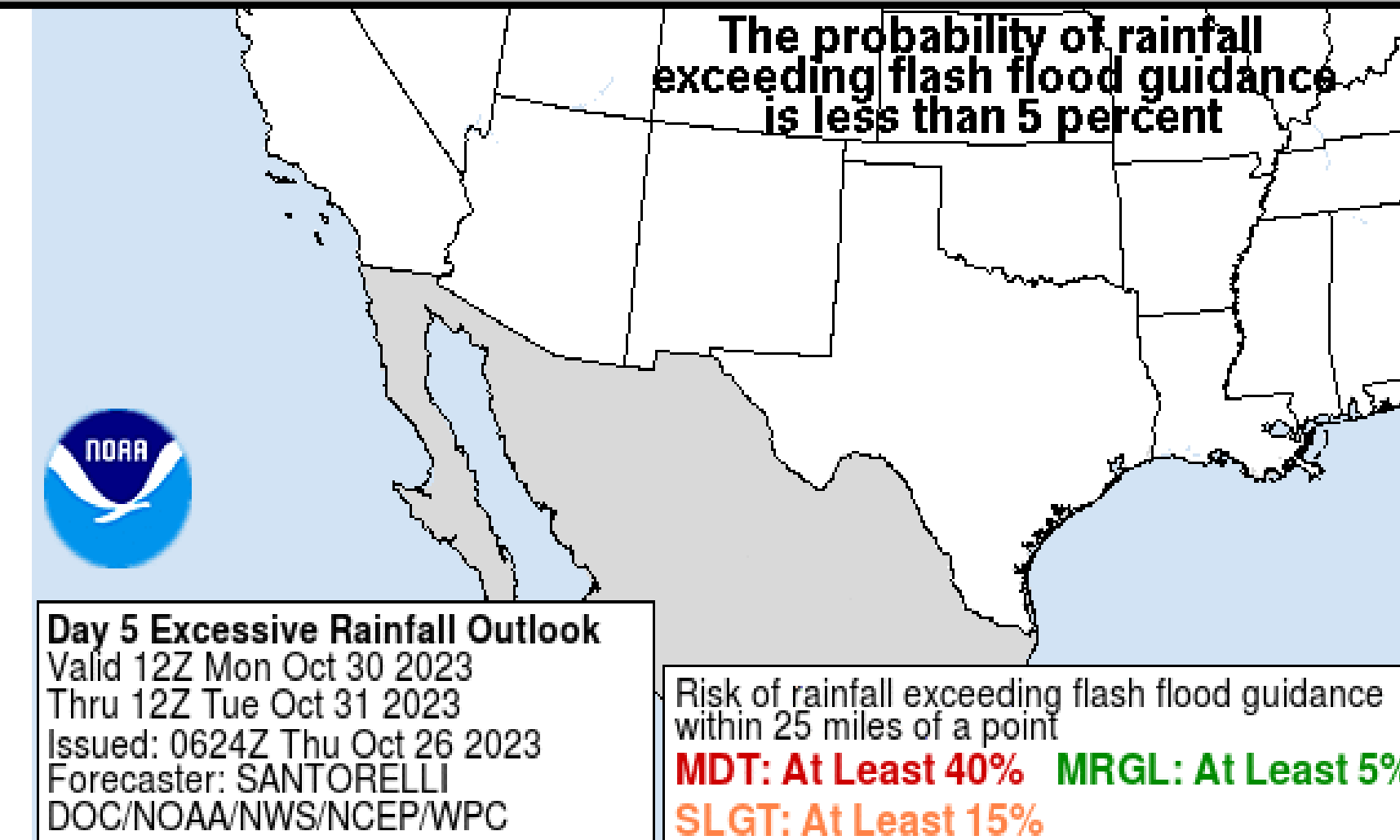
No significant weather expected.

24-Hour Day 5 QPF
Valid 12Z Mon Oct 30 2023
Thru 12Z Tue Oct 31 2023
Issued: 0418Z Thu Oct 26 2023

Severe Weather Outlook



Excessive Rainfall Outlook



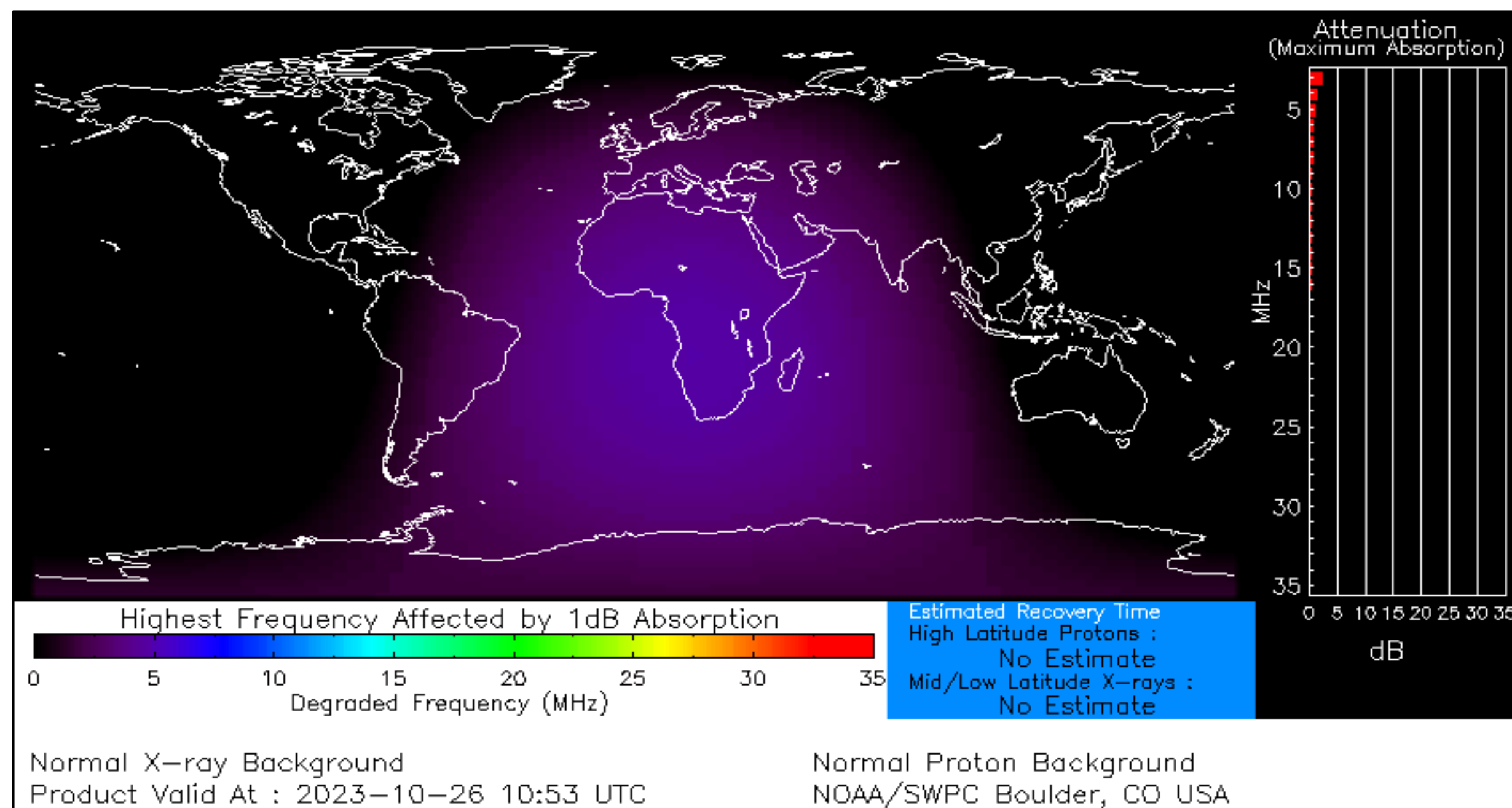
Day 5 Excessive Rainfall Outlook
Valid 12Z Mon Oct 30 2023
Thru 12Z Tue Oct 31 2023
Issued: 0624Z Thu Oct 26 2023
Forecaster: SANTORELLI
DOC/NOAA/NWS/NCEP/WPC

Risk of rainfall exceeding flash flood guidance within 25 miles of a point
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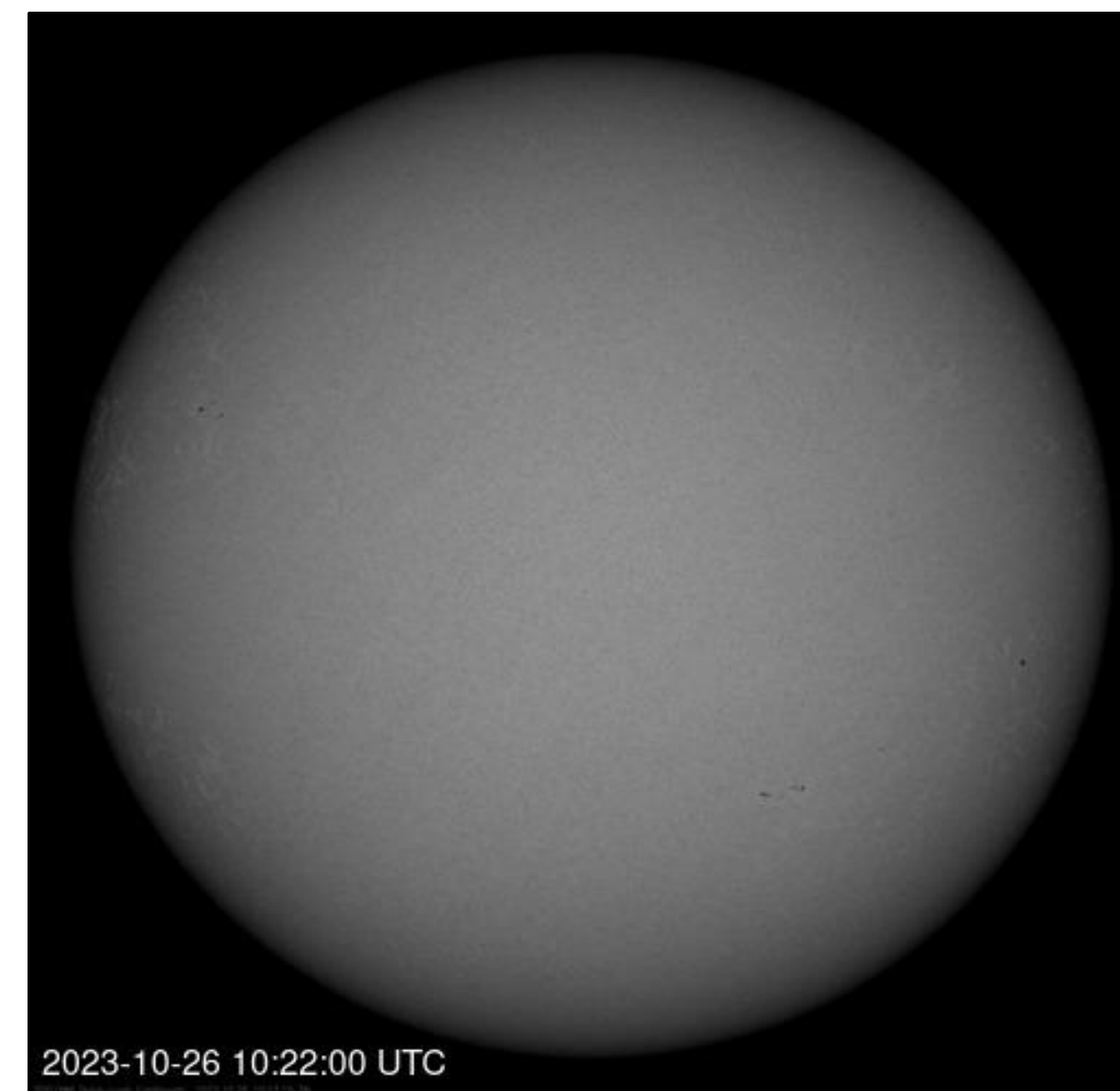
Space Weather 3-Day Forecast

| | Thursday | Friday | Saturday |
|--------------------------------------|-----------------------------------|-----------------------------------|-------------------------------|
| Geomagnetic Storms | Unsettled (Max Kp = 3) | Unsettled (Max Kp = 3) | Quiet (Max Kp = 2) |
| Solar Radiation Storm (S1-S5) | 1% | 1% | 1% |
| Radio Blackout (R1-R2) | 1% | 1% | 1% |
| Radio Blackout (R3-R5) | 1% | 1% | 1% |



[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