



FEMA



Prepared by
Melissa Huffman

FEMA Region 6 Weather Threat Briefing

Friday November 17, 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

- **A storm system will bring a risk for severe thunderstorms and locally heavy rain across OK, N TX on Sunday and E TX, AR, LA on Monday.**
- **PTC 22 has formed in the SW Caribbean and will move NE across E Cuba. No impacts to FEMA 6.**



FEMA Region 6 Threat Matrix

Nov 17, 2023 - Nov 21, 2023

DAY / THREAT	Fri	Sat	Sun	Mon	Tue
Severe Storms			OK, NTX	ETX, SAR, LA	
Heavy Rain / Flash Flooding				ETX, AR, LA	
Fire Weather					
Tropical Winds / Surge					
Winter Weather					
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.



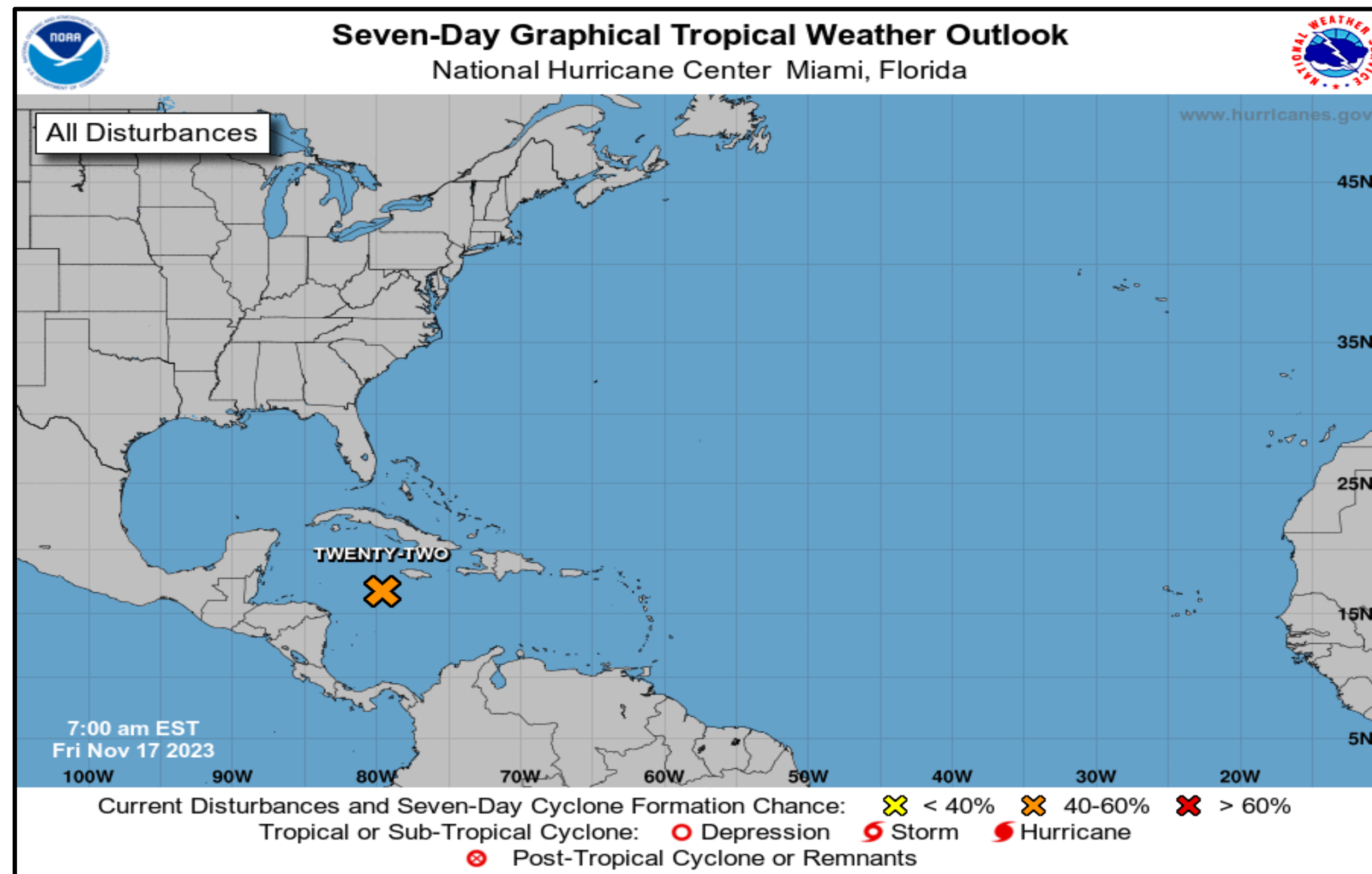
Tropical Weather Outlook – Atlantic/Gulf

Areas of Possible Development

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

Active Tropical Cyclones

Storm	Potential Impacts to FEMA 6
PTC22	None.

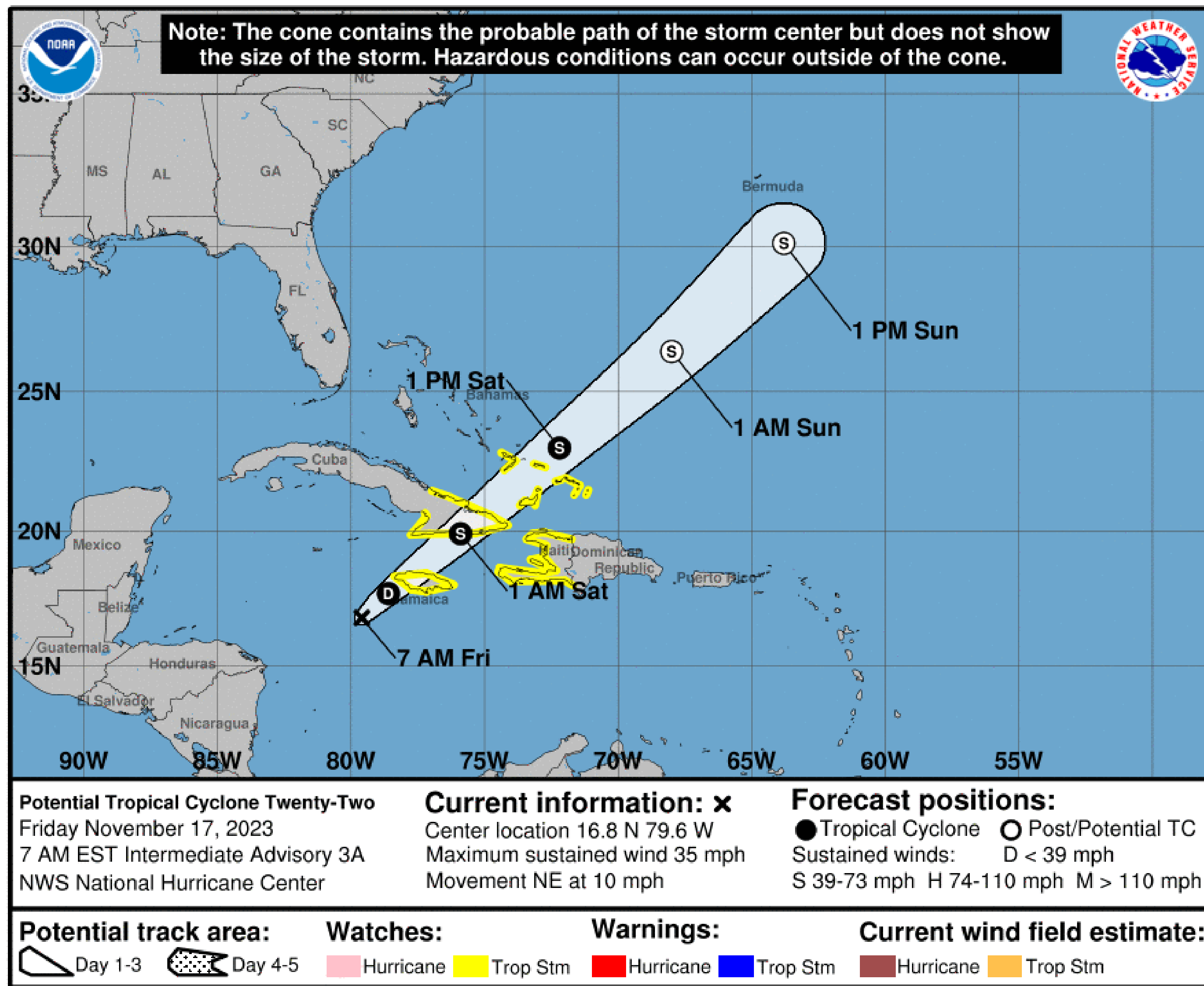


See <http://www.hurricanes.gov> for the latest on the tropics or any active storms



Potential Tropical Cyclone Twenty-Two

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



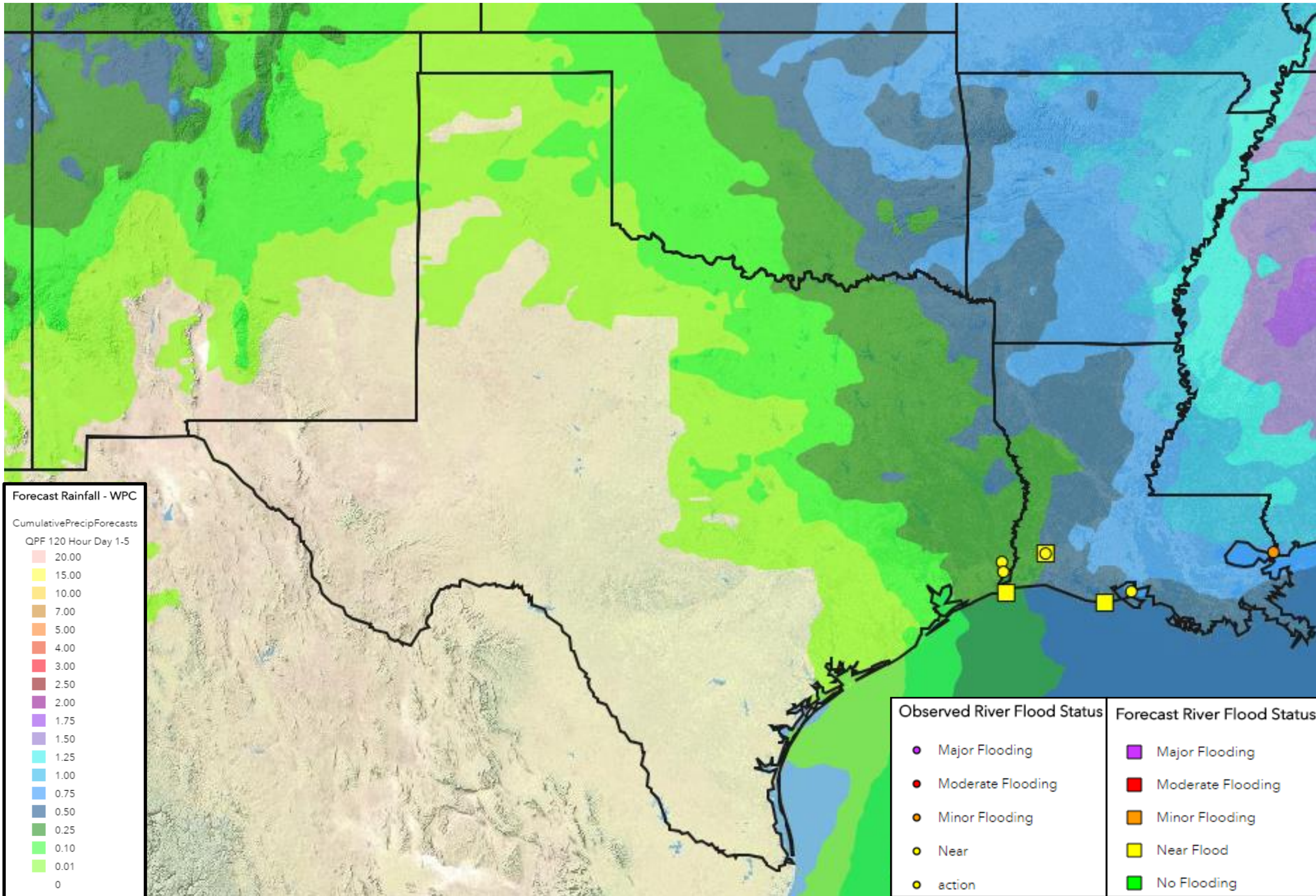
Potential Tropical Cyclone 22 will lift northeast towards Bermuda through the weekend.

No impacts to FEMA 6.



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



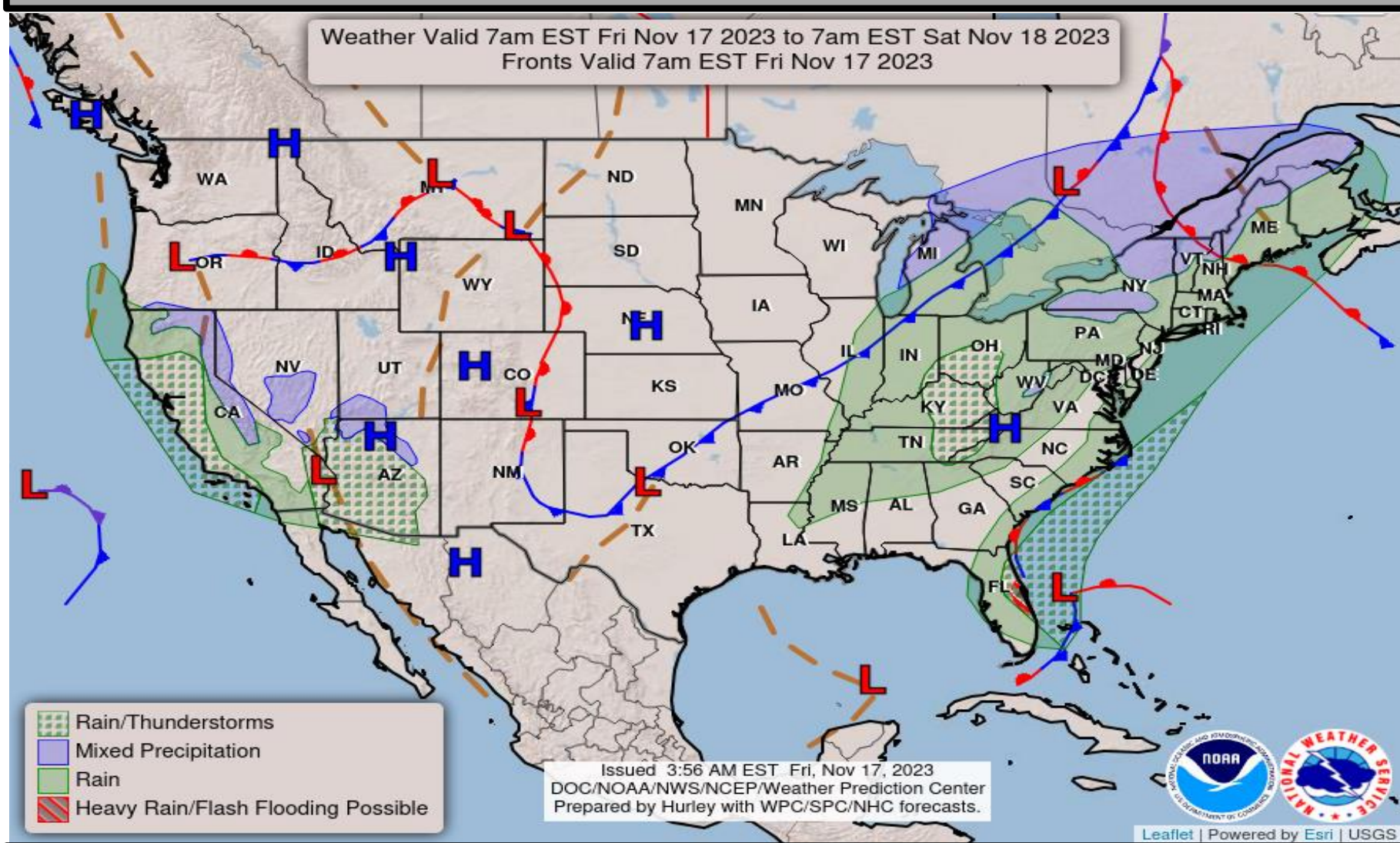
No significant river flooding expected.

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

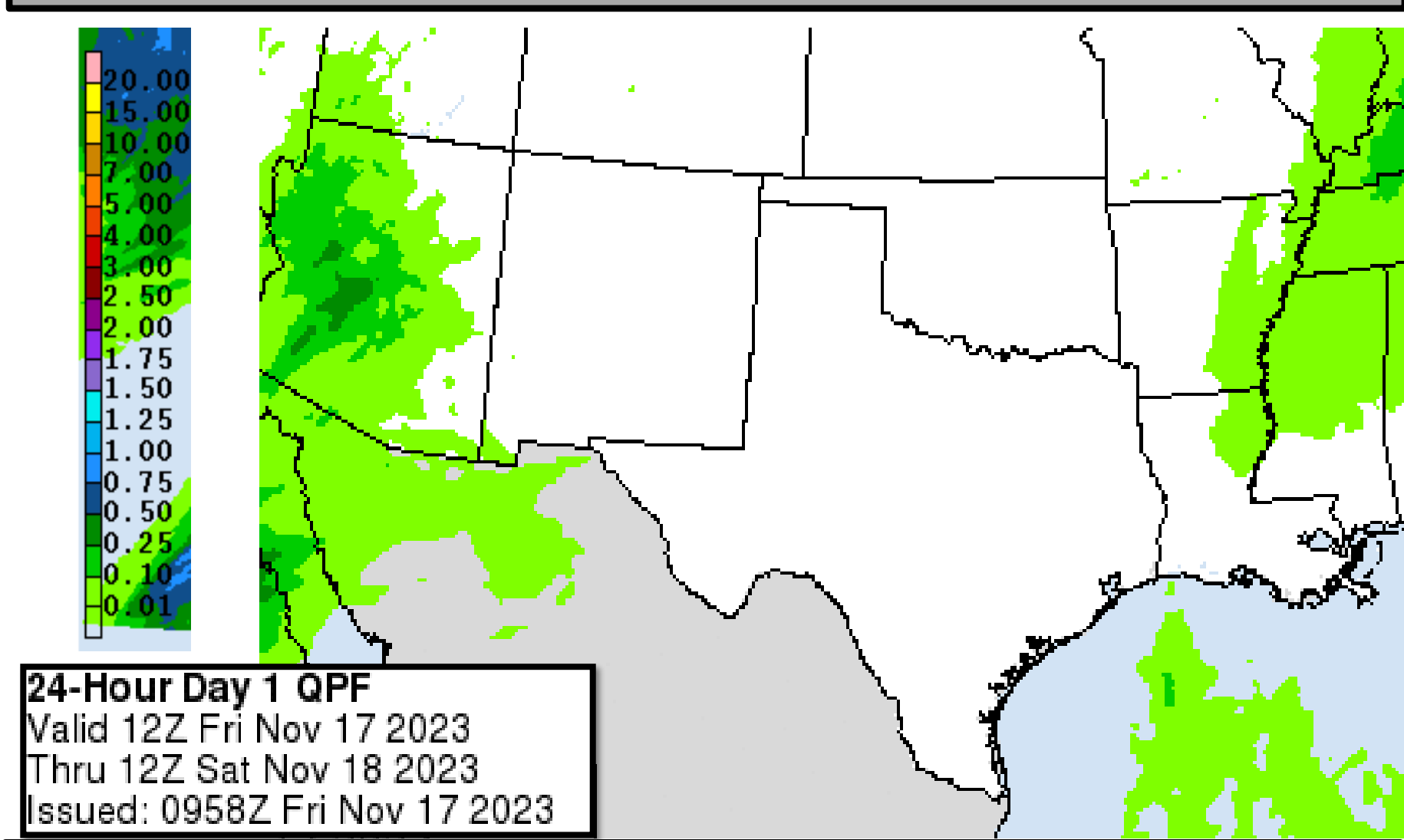


Today's Weather

Forecast Chart

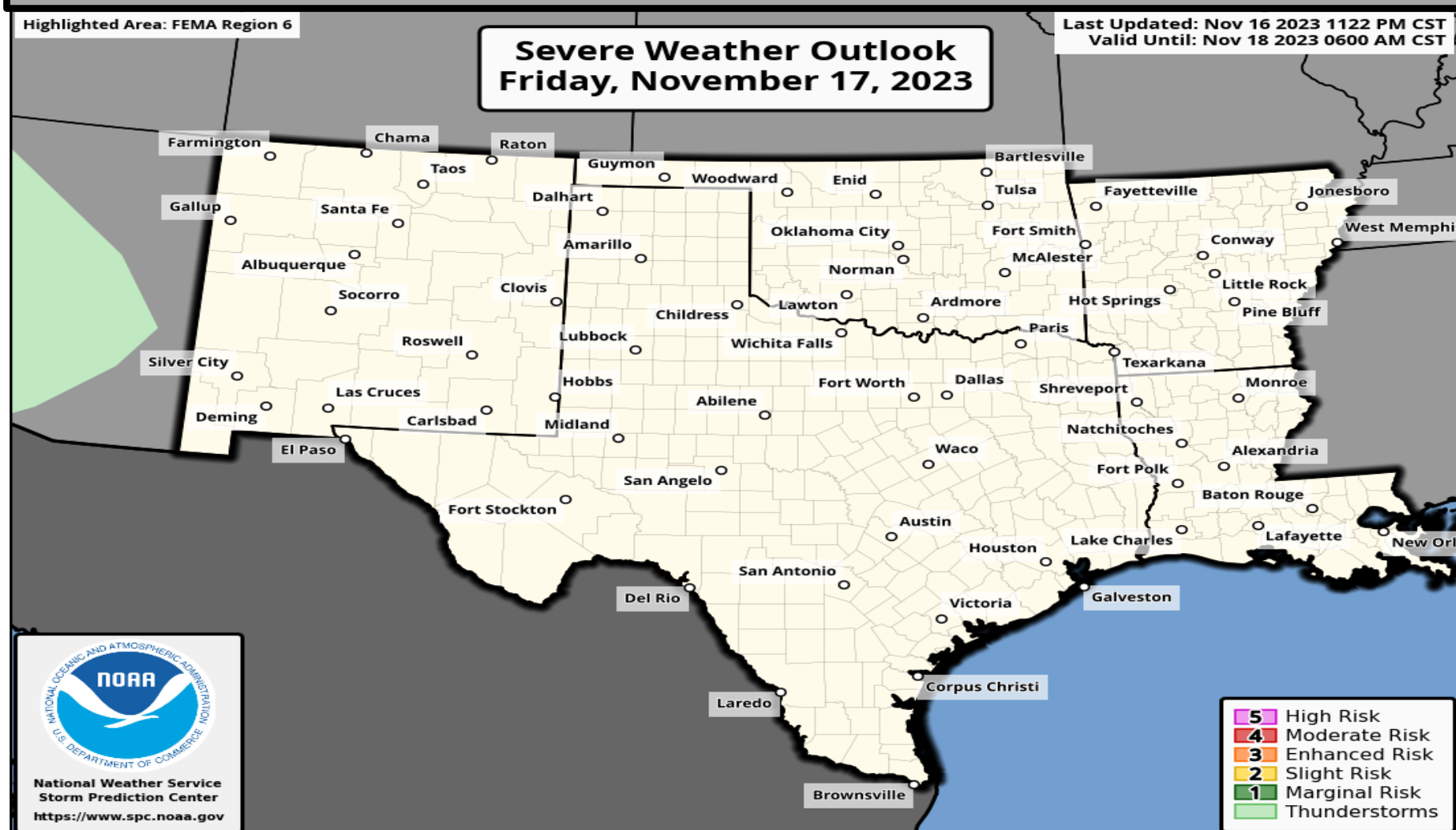


Forecast Rainfall

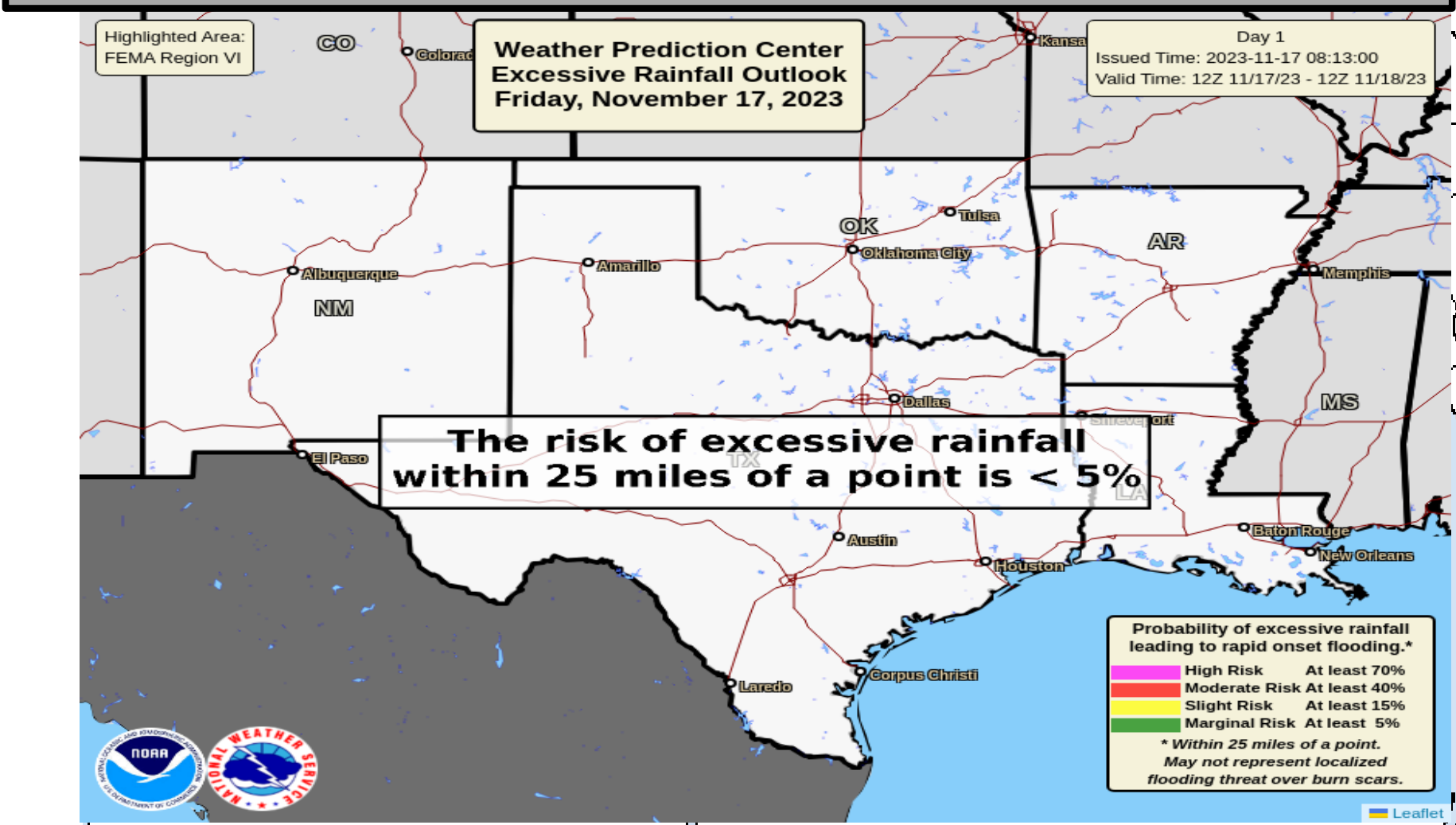


No significant weather expected.

Severe Weather Outlook

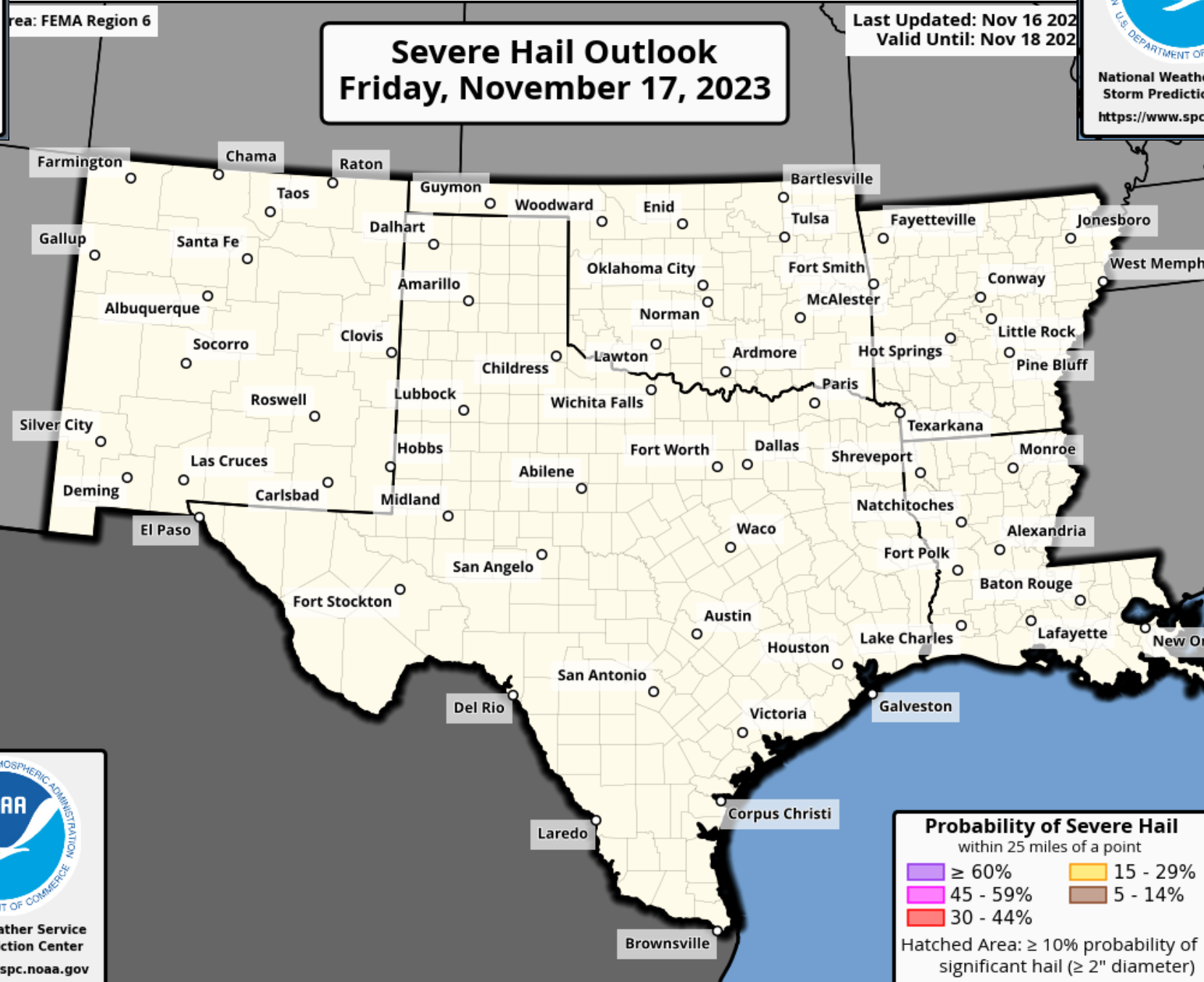
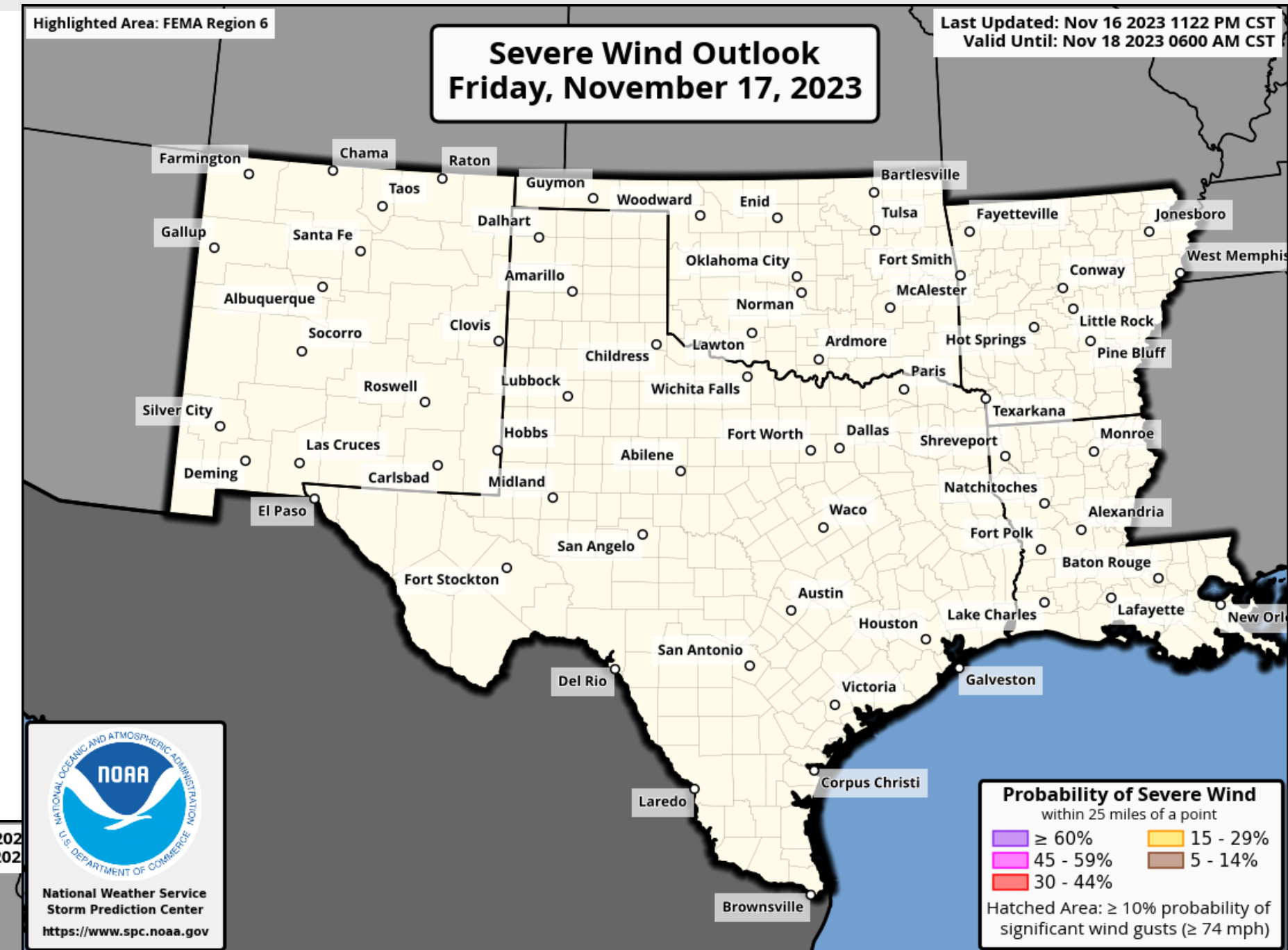
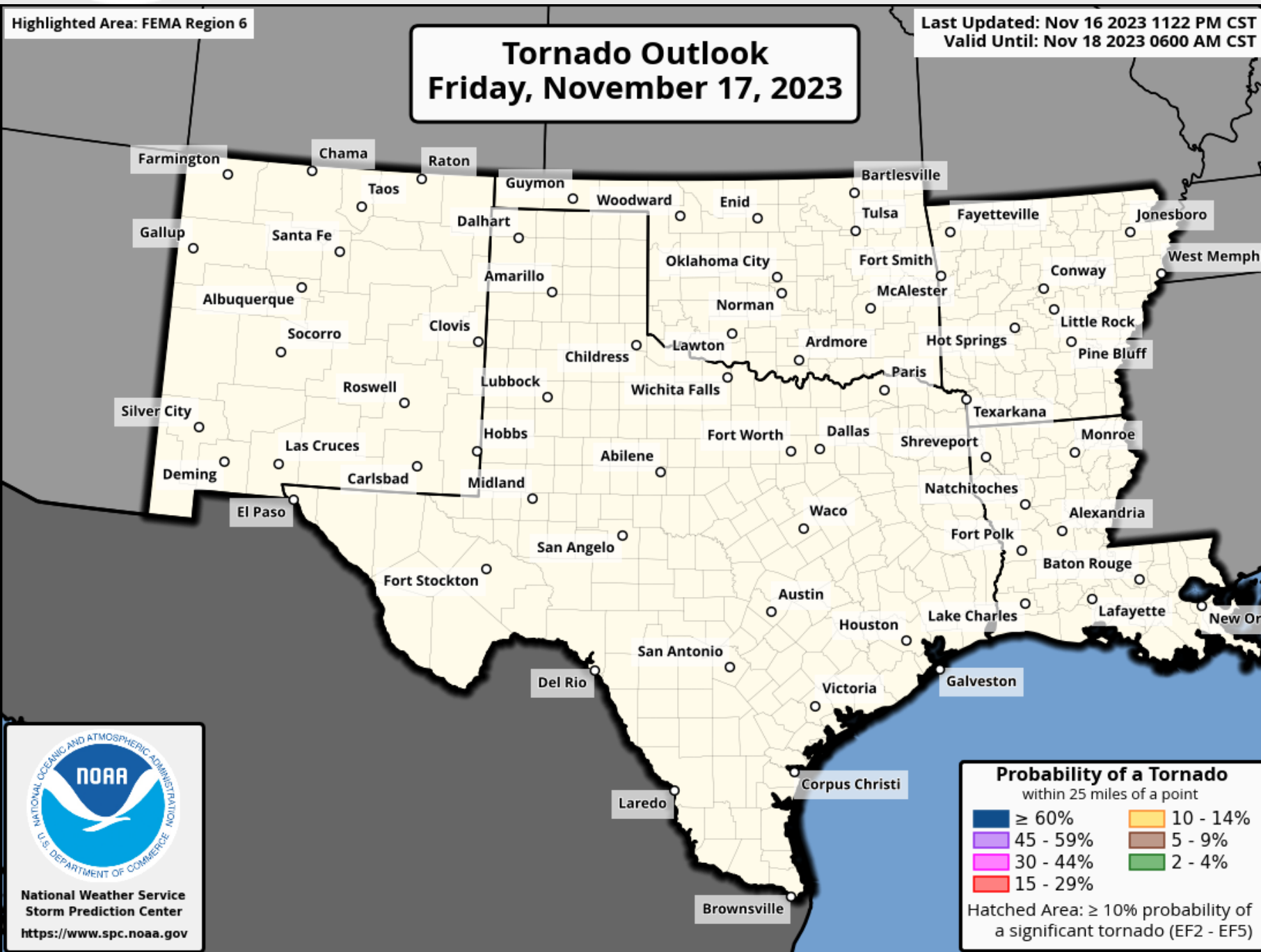


Excessive Rainfall Outlook





Today's Tornado & Severe Wind / Hail Probabilities



Last Updated: 11/17/2023 7:01 AM CT

Weather Service – Southern Region ROC



Winter Weather

Friday - Sunday

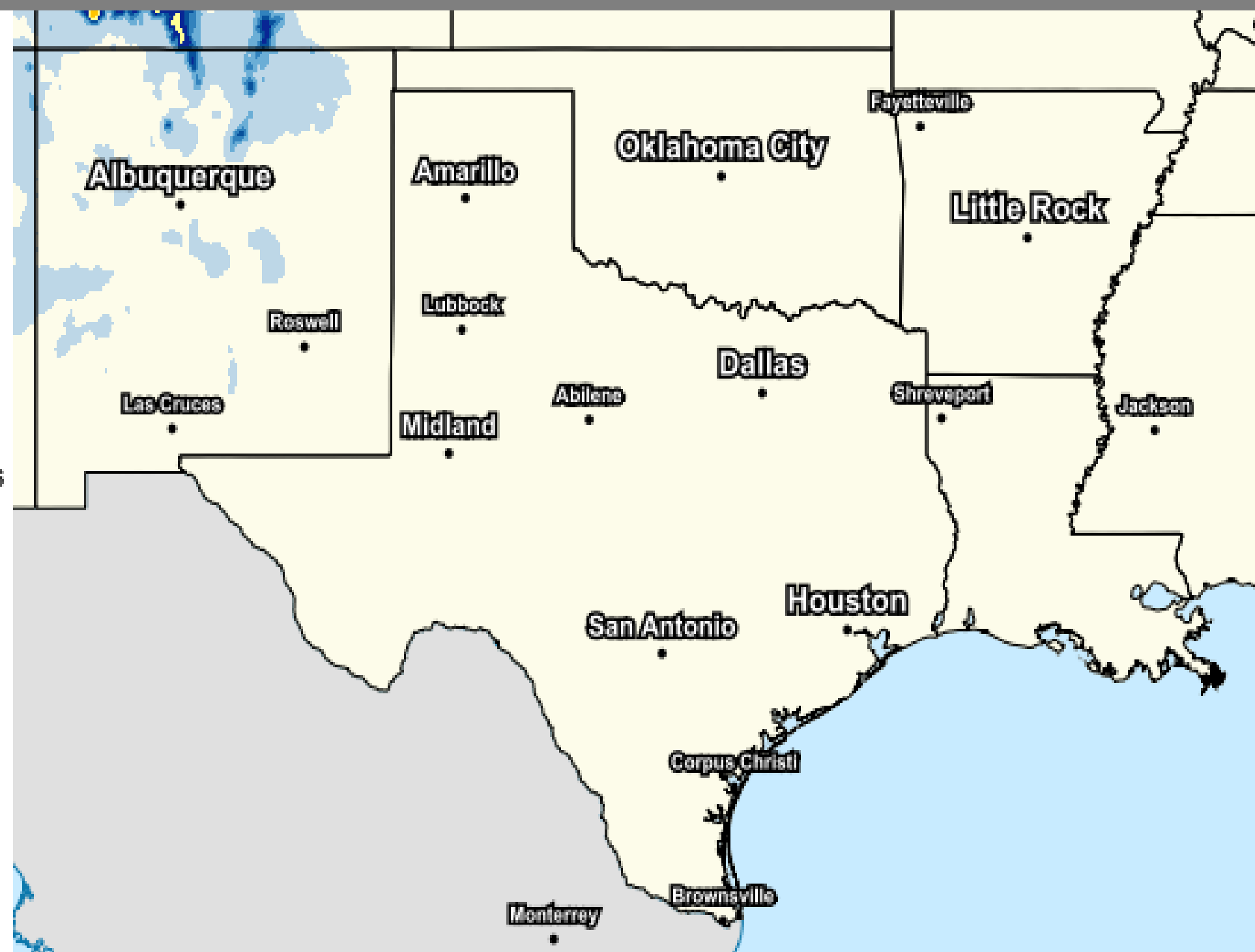
Forecast Snow Amounts



Forecast Snowfall

Valid Ending Monday November 20th, 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
November 17th, 2023
5:21 AM CST

Forecast Ice Amounts



Ice Accumulation Forecast

Valid Ending Monday November 20th, 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

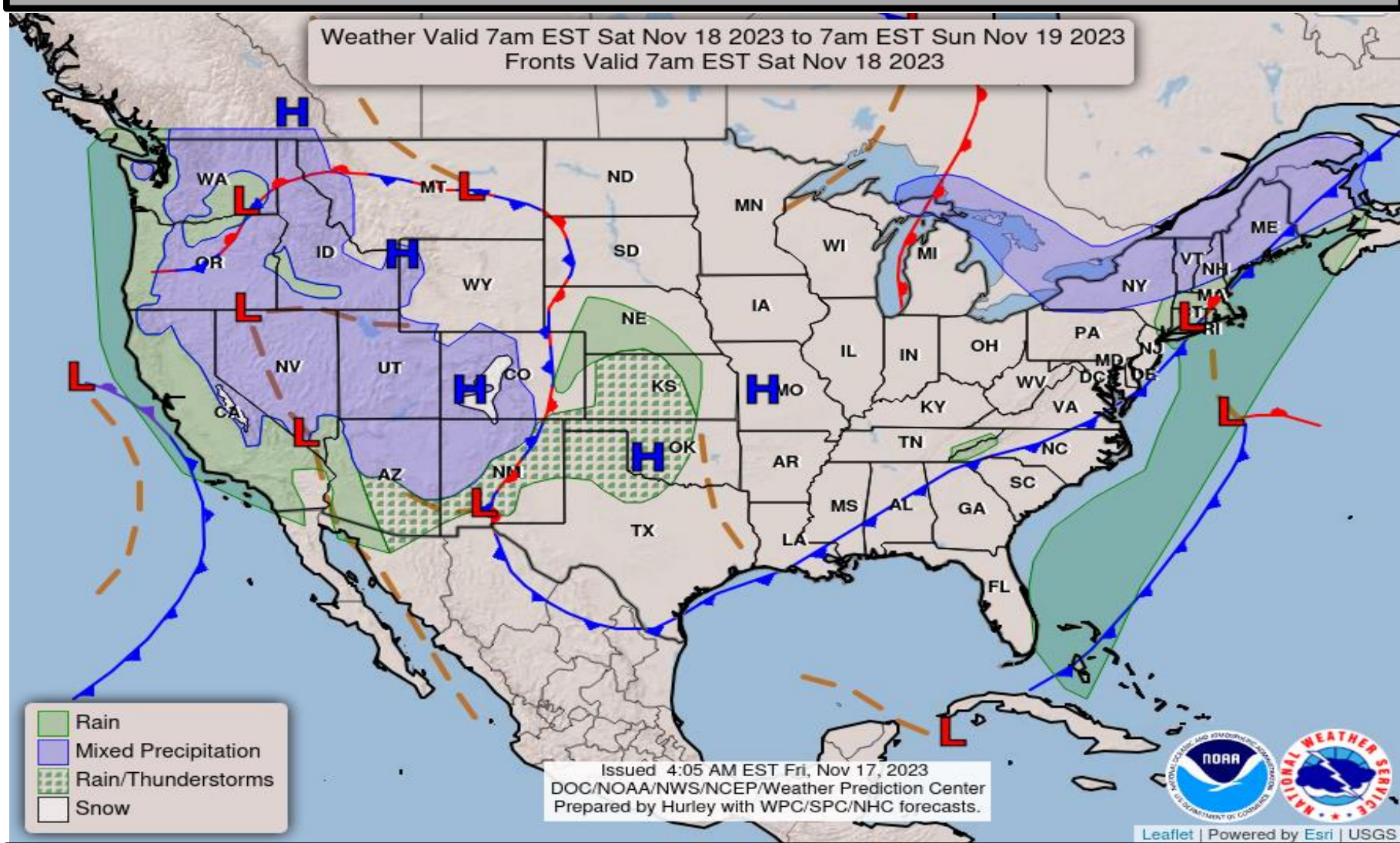


Graphic Created
November 17th, 2023
5:21 AM CST

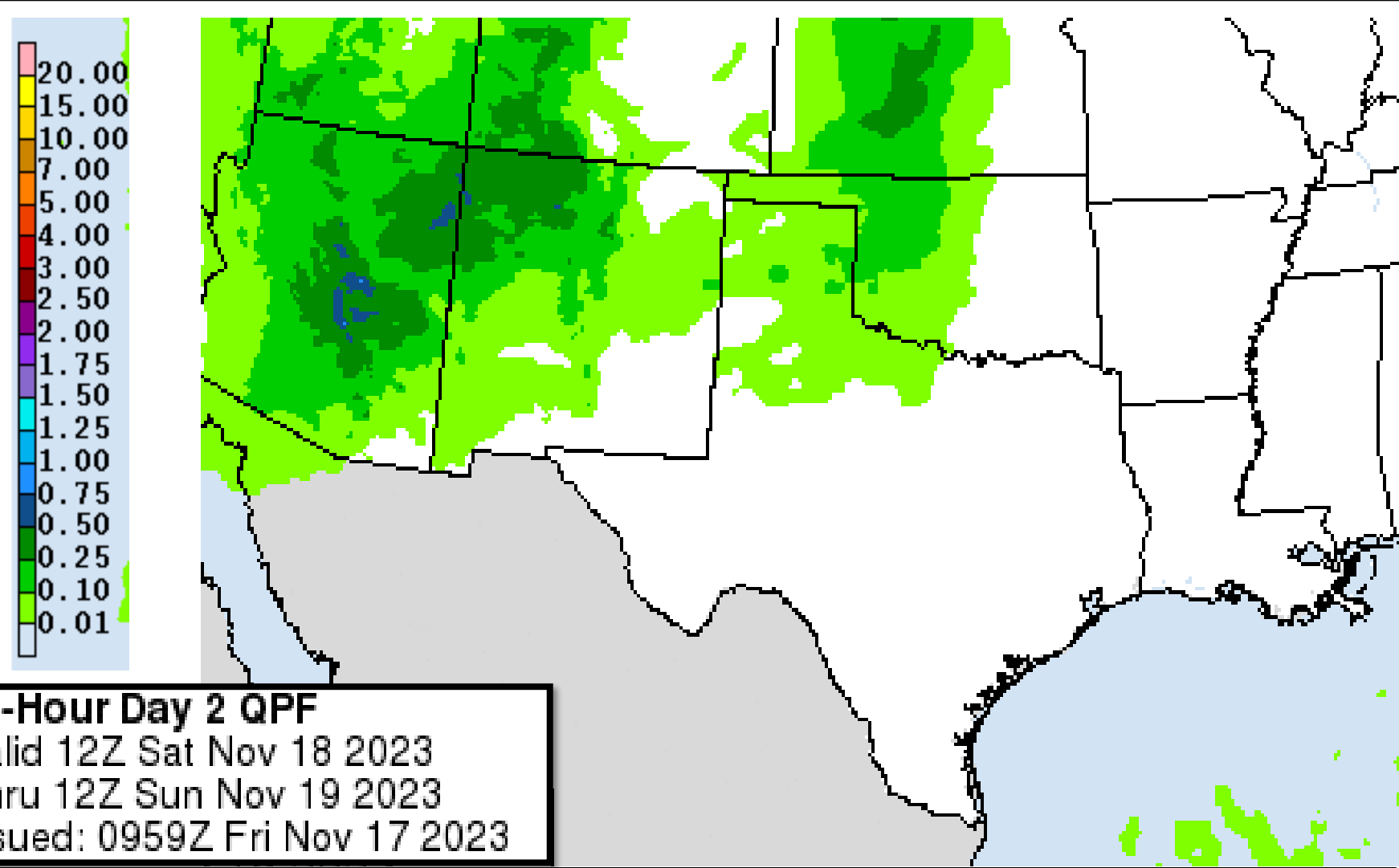


Tomorrow's Weather

Forecast Chart

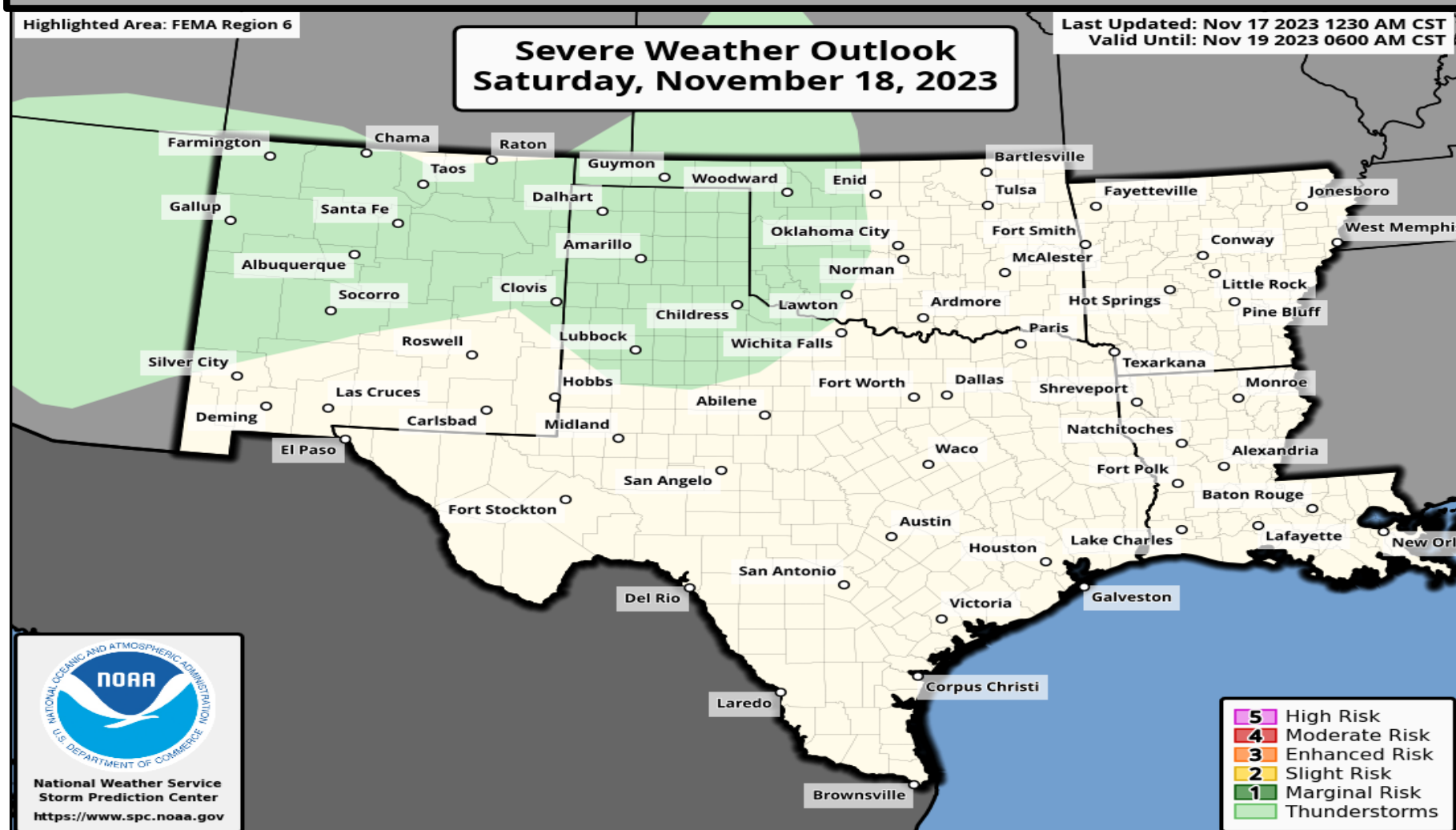


Forecast Rainfall

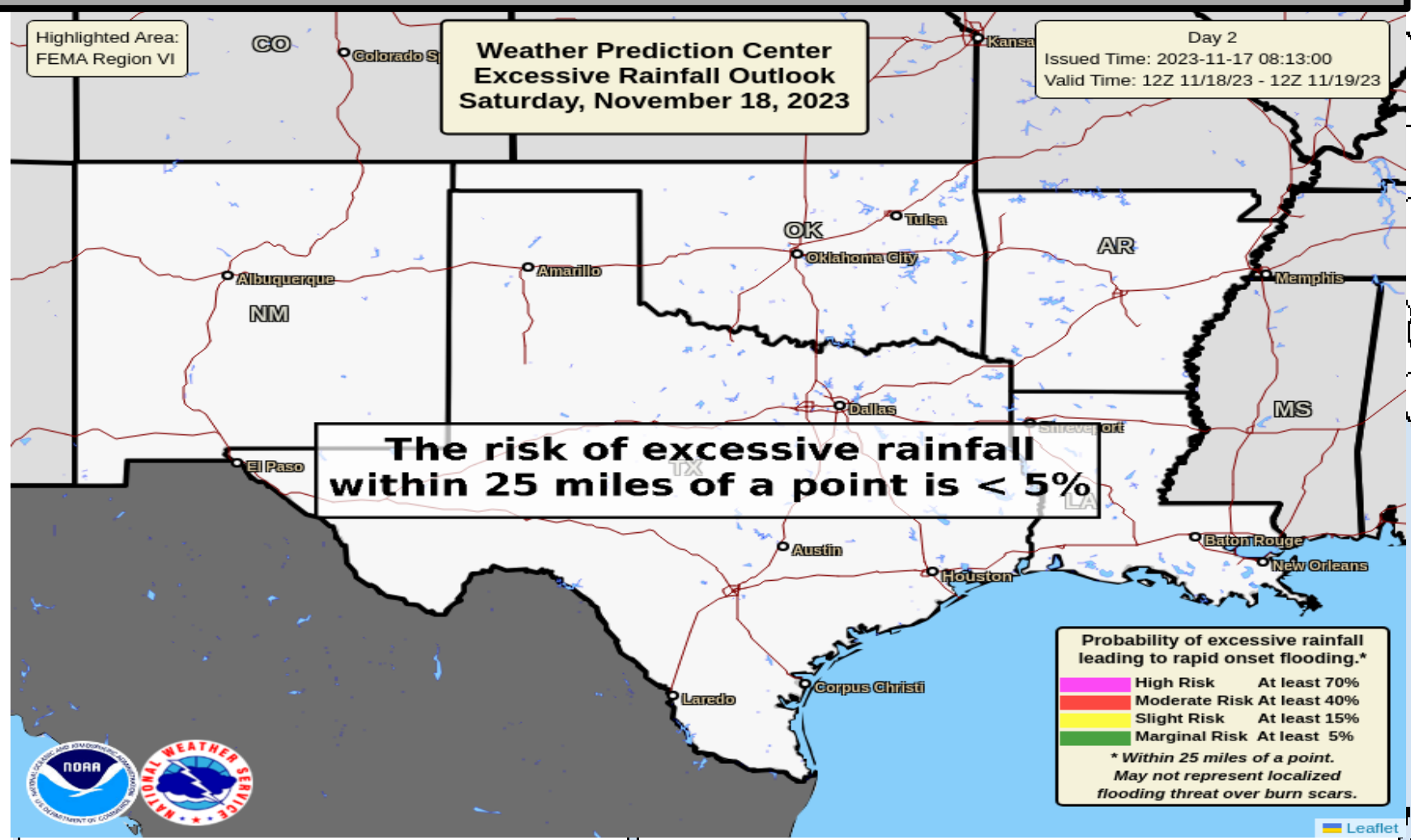


No significant weather expected.

Severe Weather Outlook

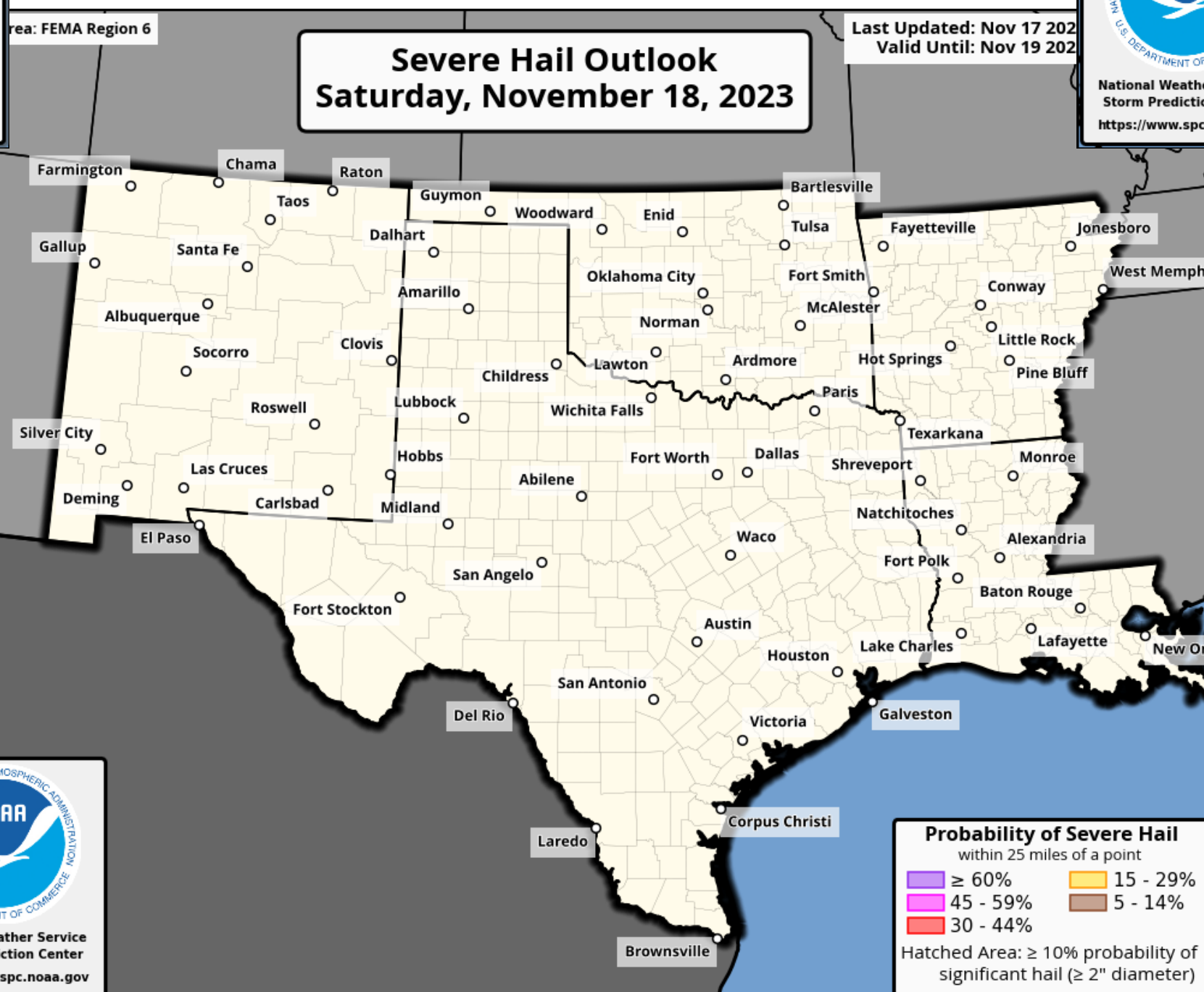
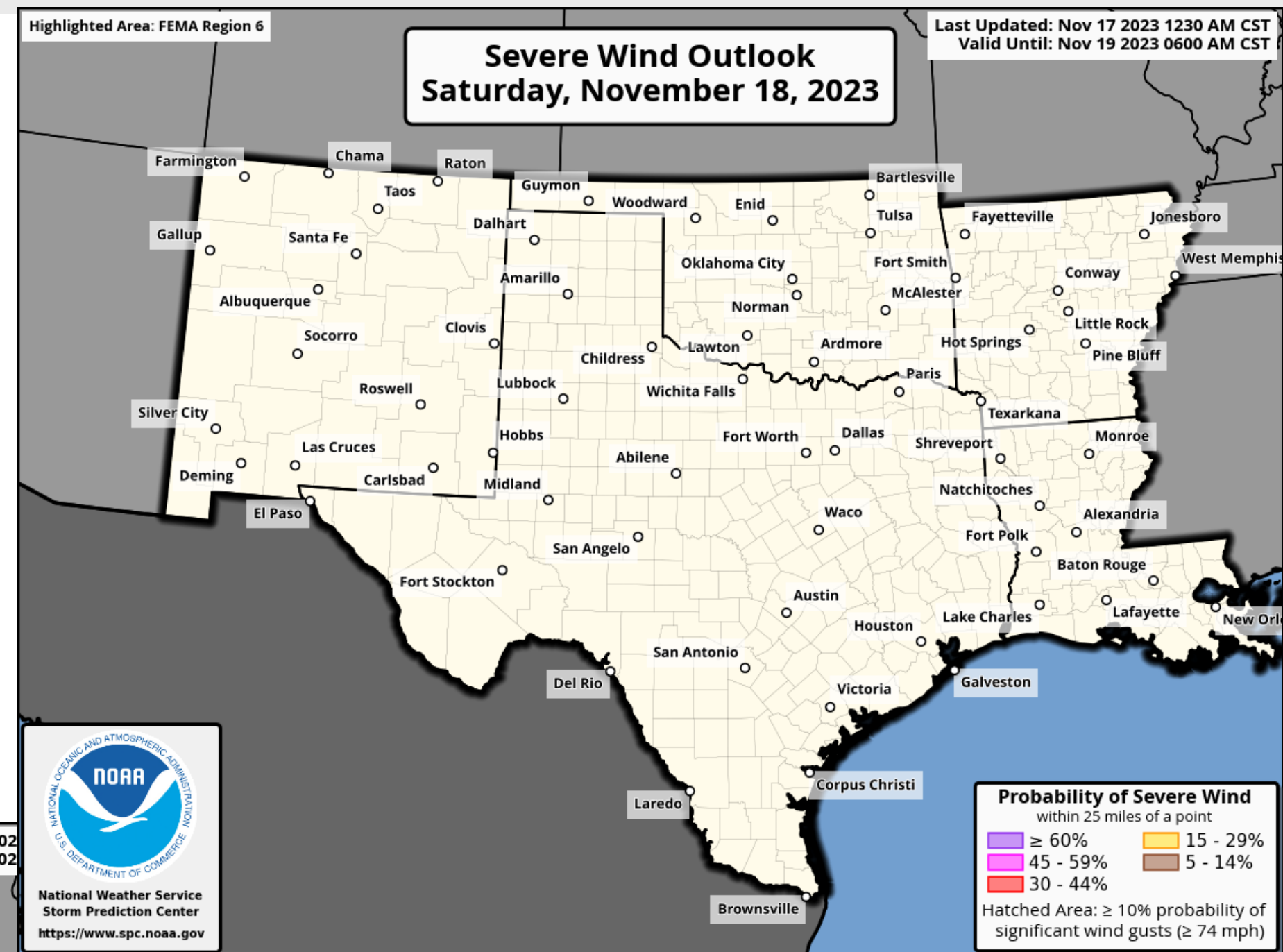
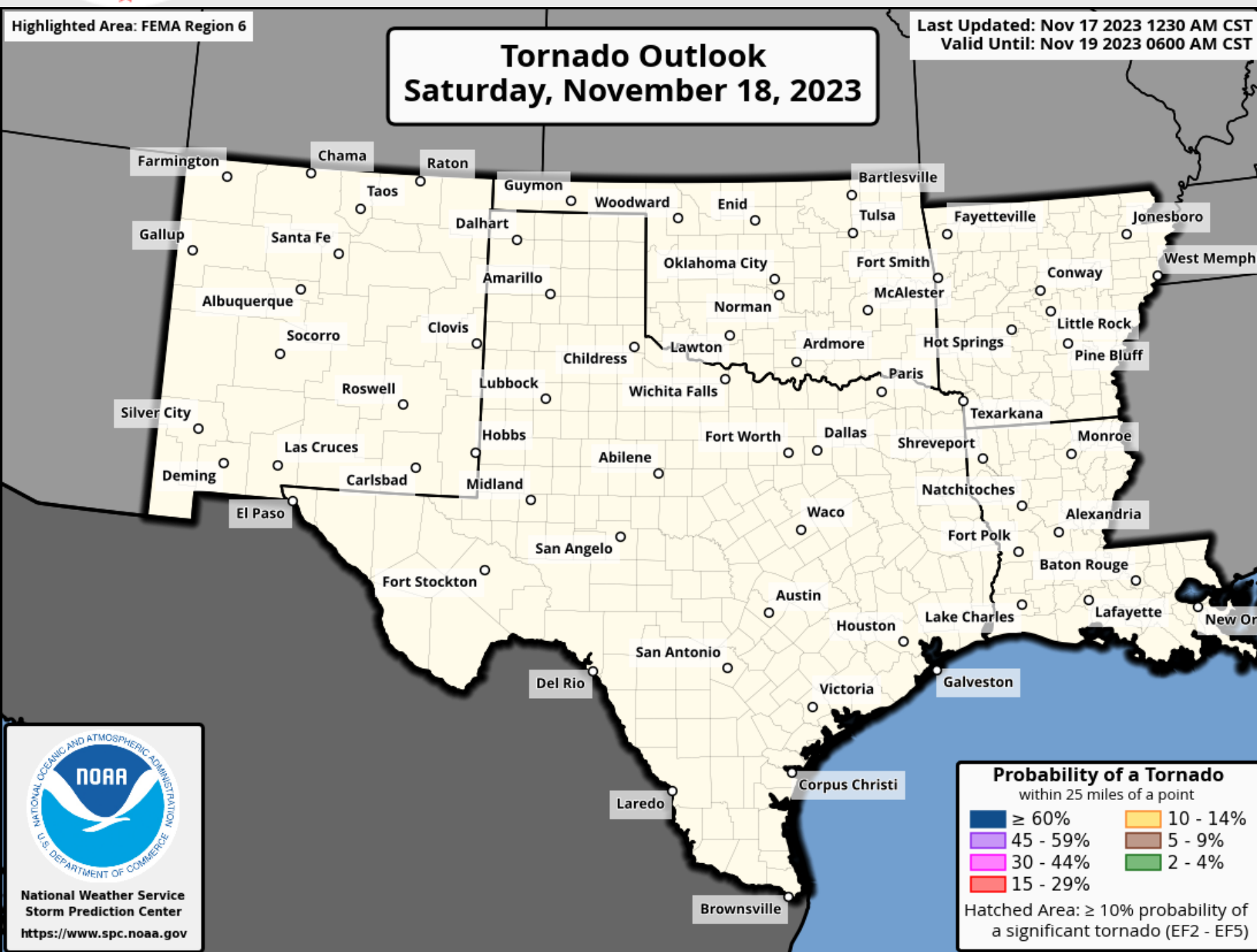


Excessive Rainfall Outlook





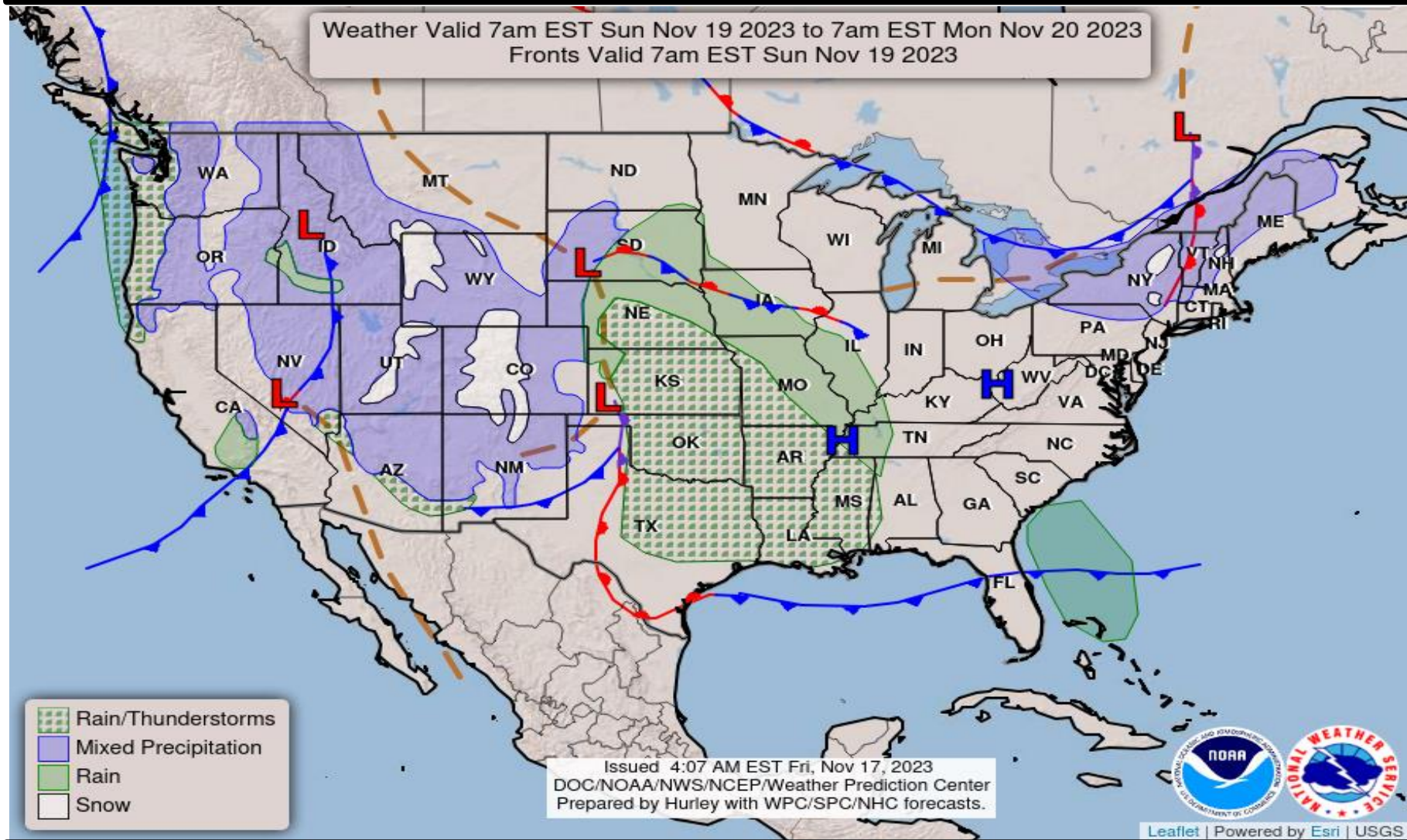
Tomorrow's Tornado & Severe Wind / Hail Probabilities



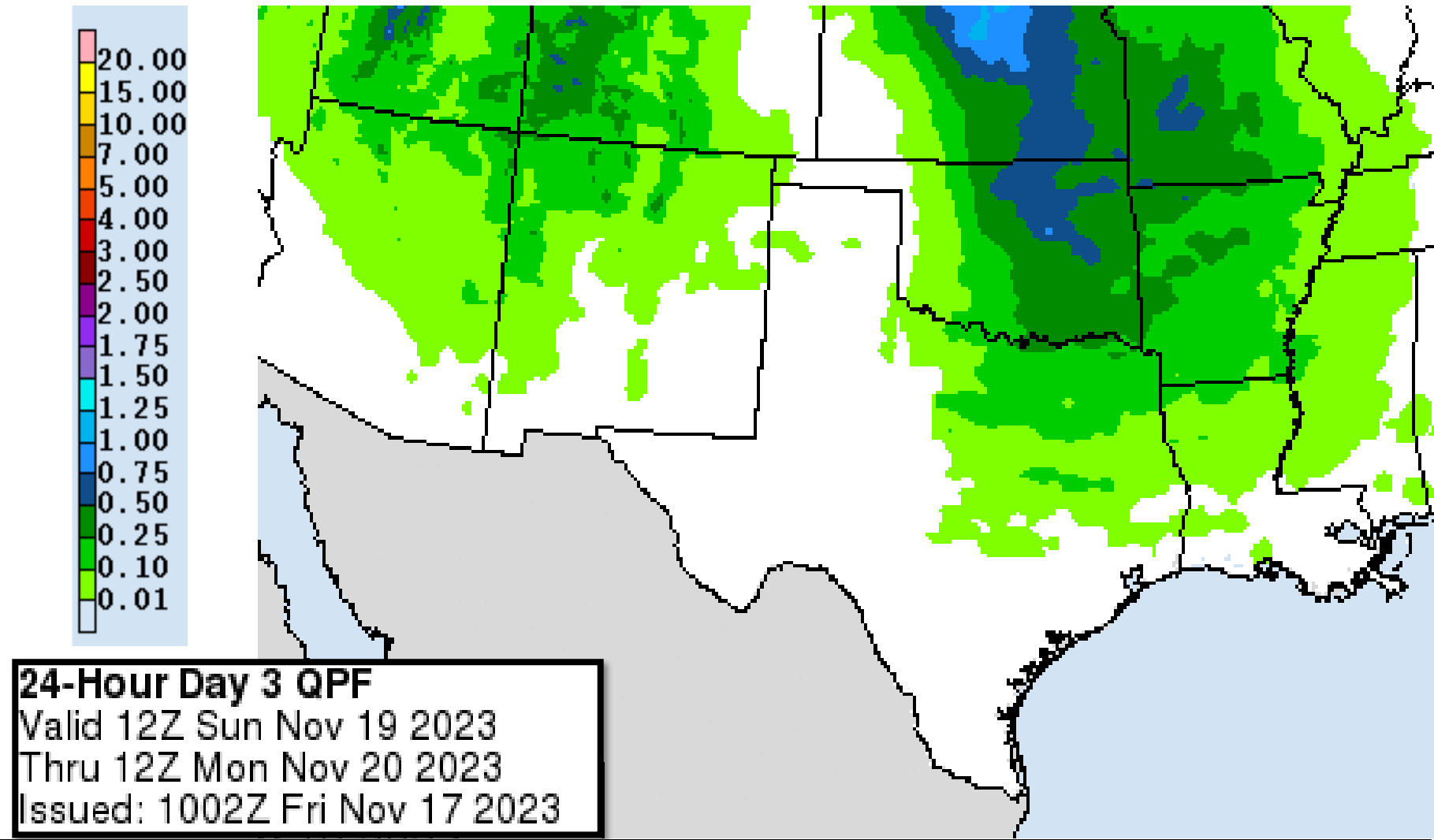


Sunday's Weather

Forecast Chart

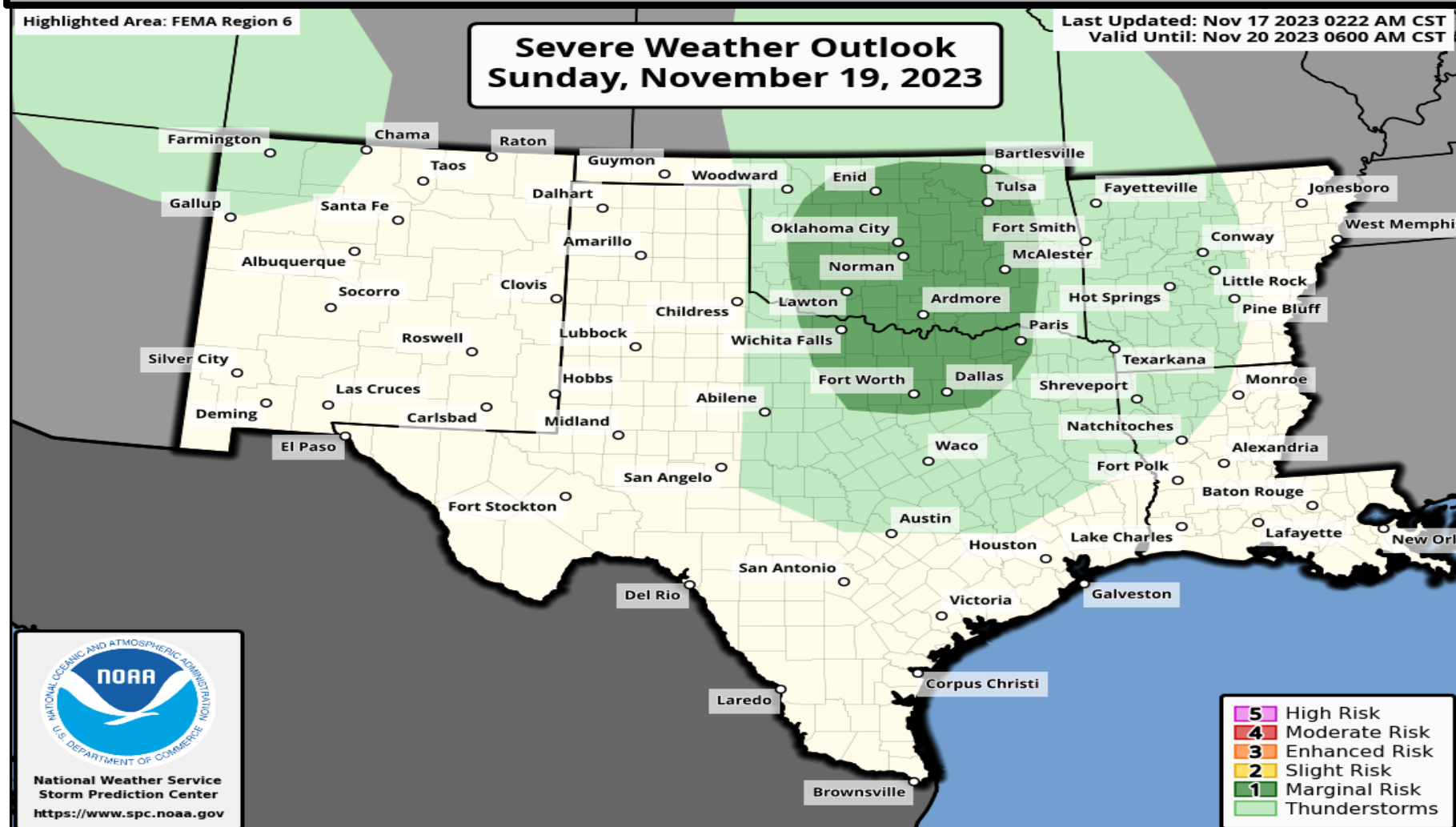


Forecast Rainfall

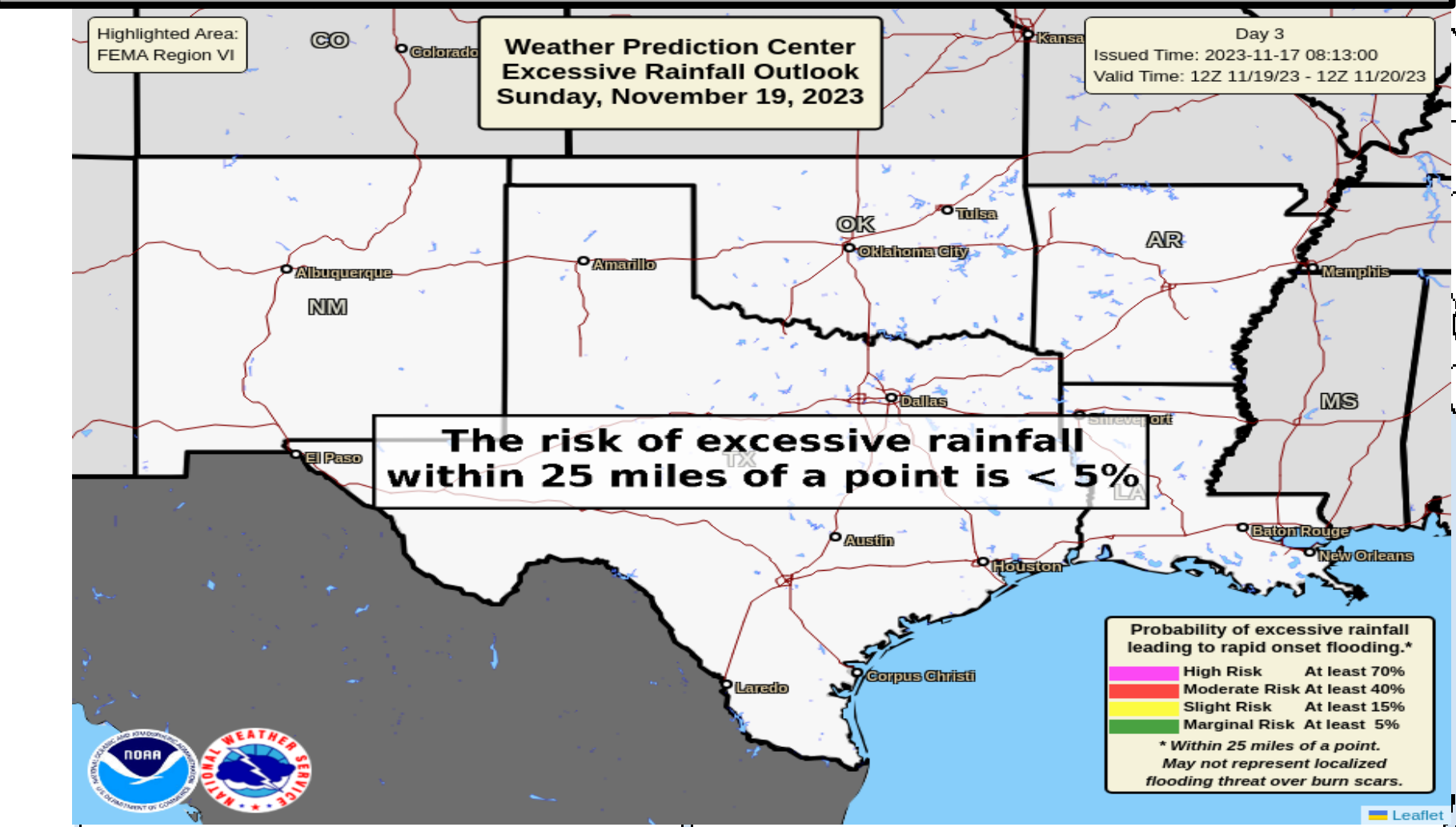


**Severe thunderstorms across
Ctrl OK, NTX.**

Severe Weather Outlook



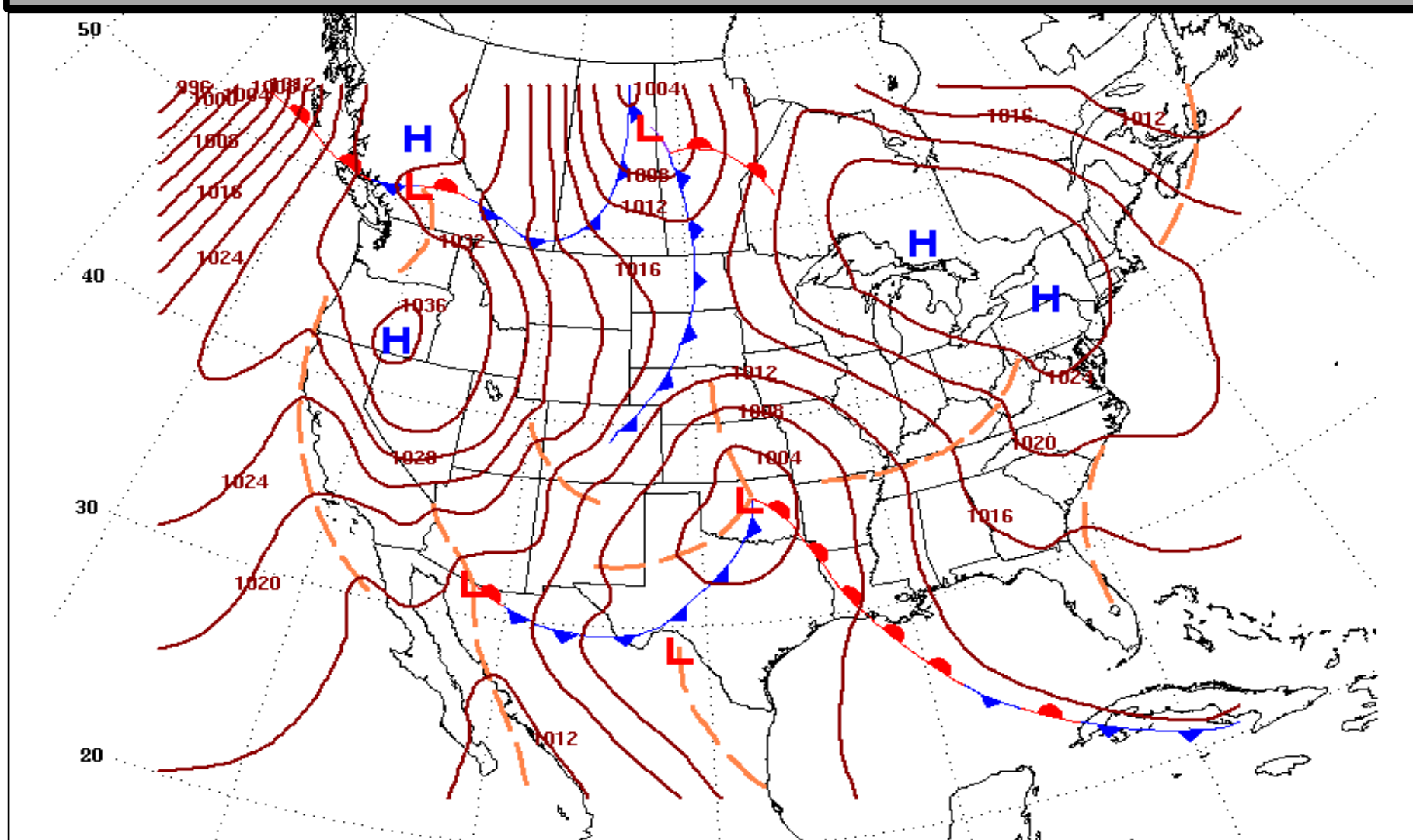
Excessive Rainfall Outlook



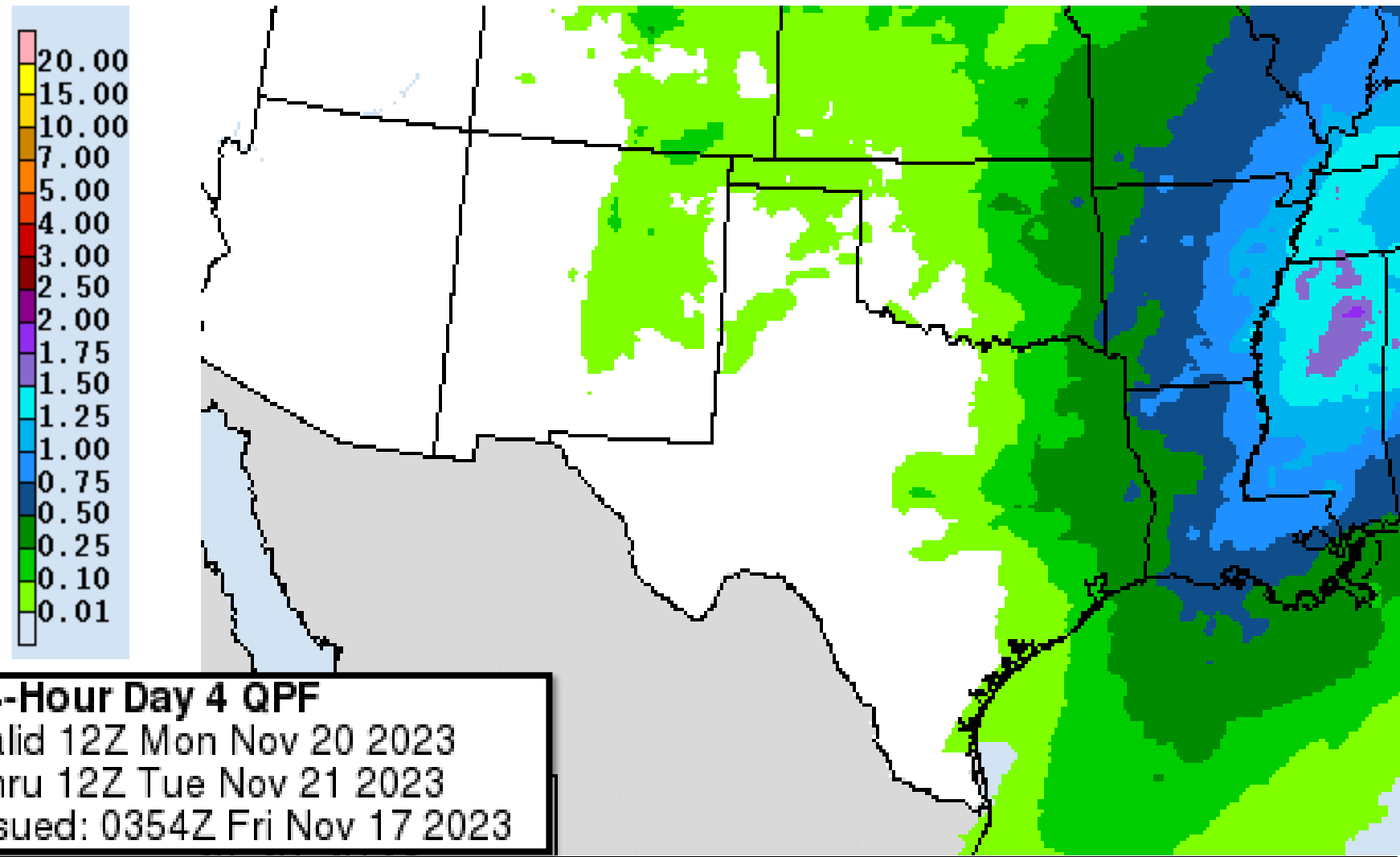


Monday's Weather

Forecast Chart



Forecast Rainfall

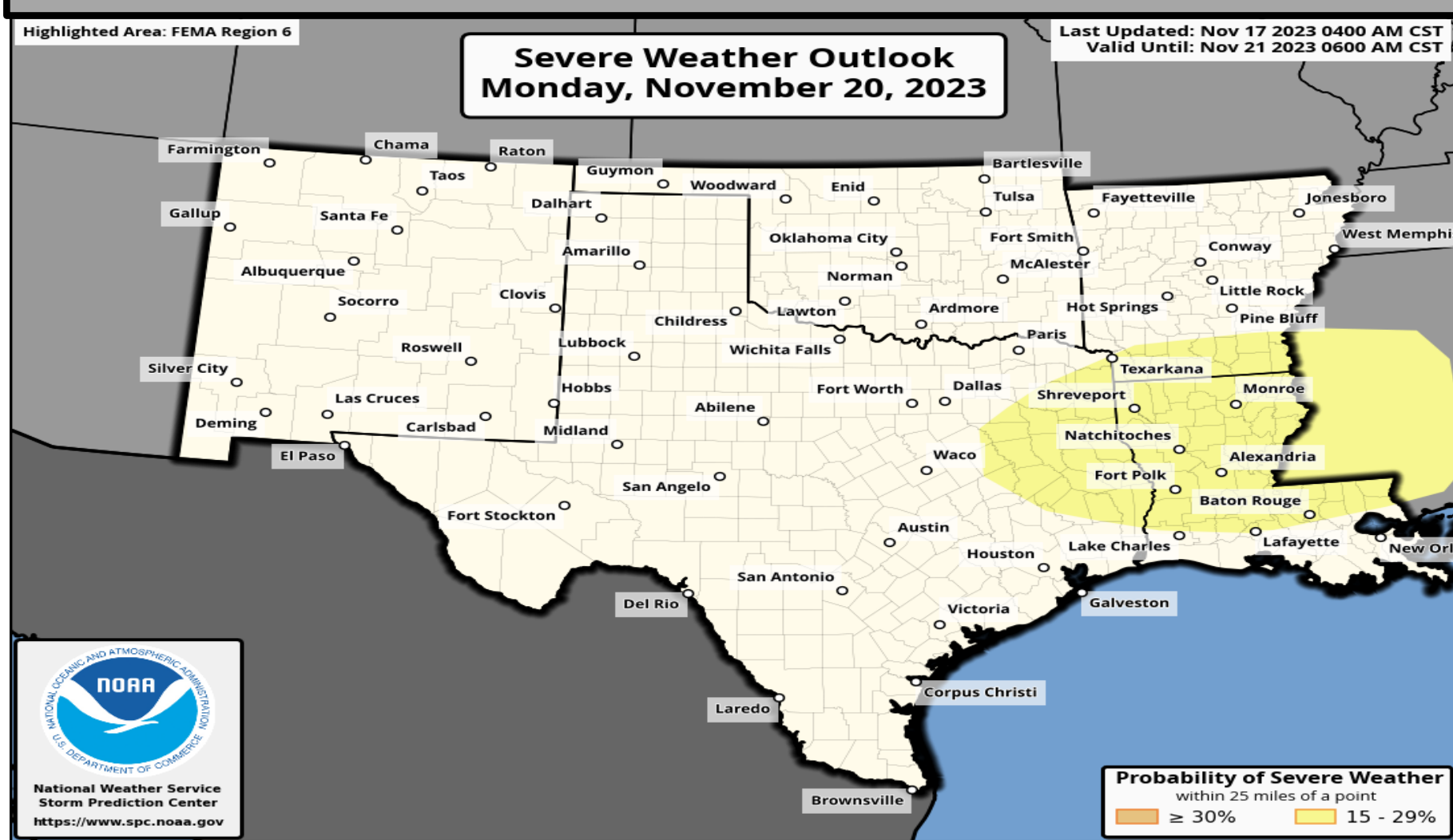


Severe thunderstorms across ETX, SAR, LA.

Locally heavy rainfall could lead to isolated flash flooding across ETX, AR, LA.

24-Hour Day 4 QPF
Valid 12Z Mon Nov 20 2023
Thru 12Z Tue Nov 21 2023
Issued: 0354Z Fri Nov 17 2023

Severe Weather Outlook



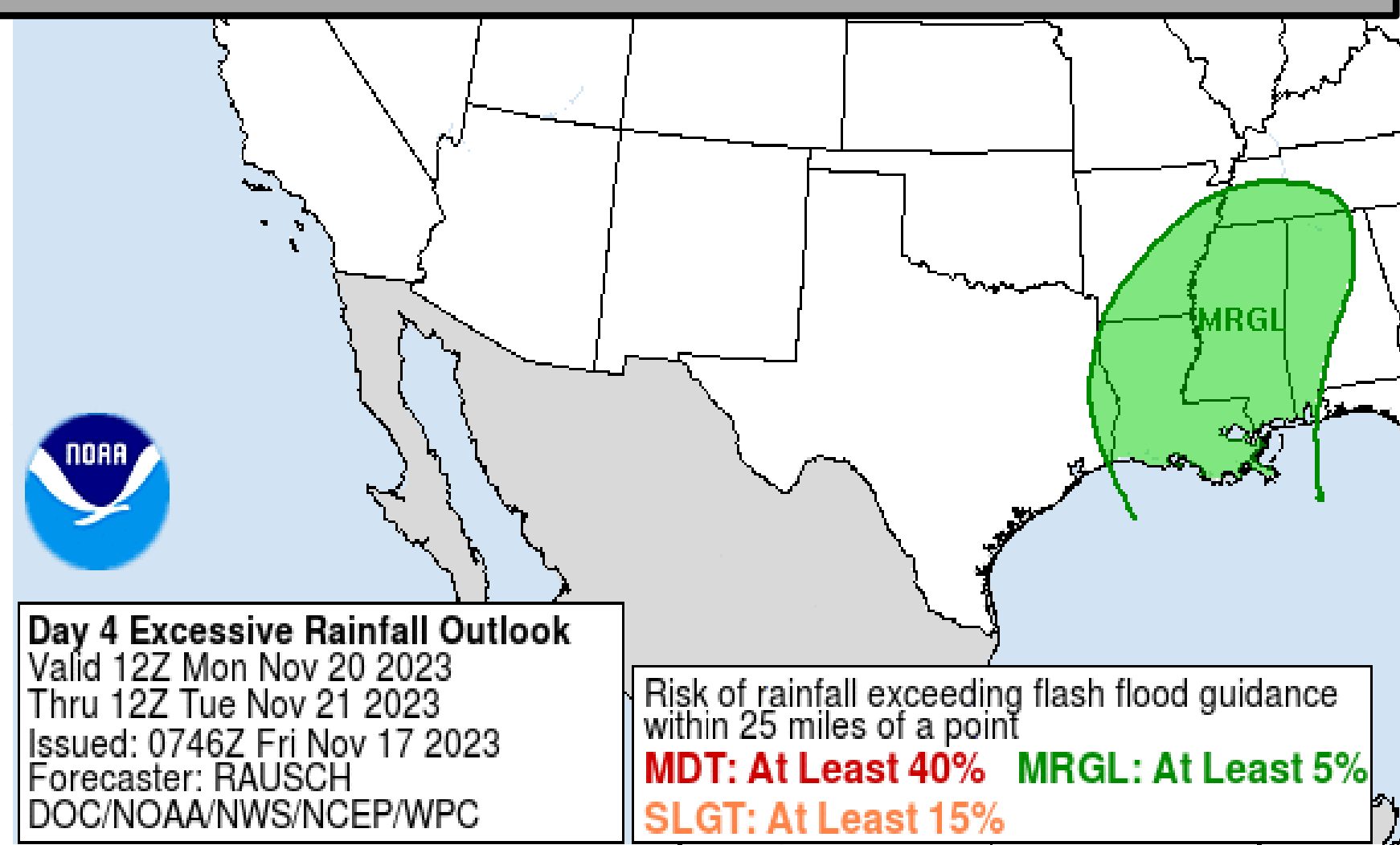
Severe Weather Outlook
Monday, November 20, 2023

Last Updated: Nov 17 2023 0400 AM CST
Valid Until: Nov 21 2023 0600 AM CST

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



Excessive Rainfall Outlook



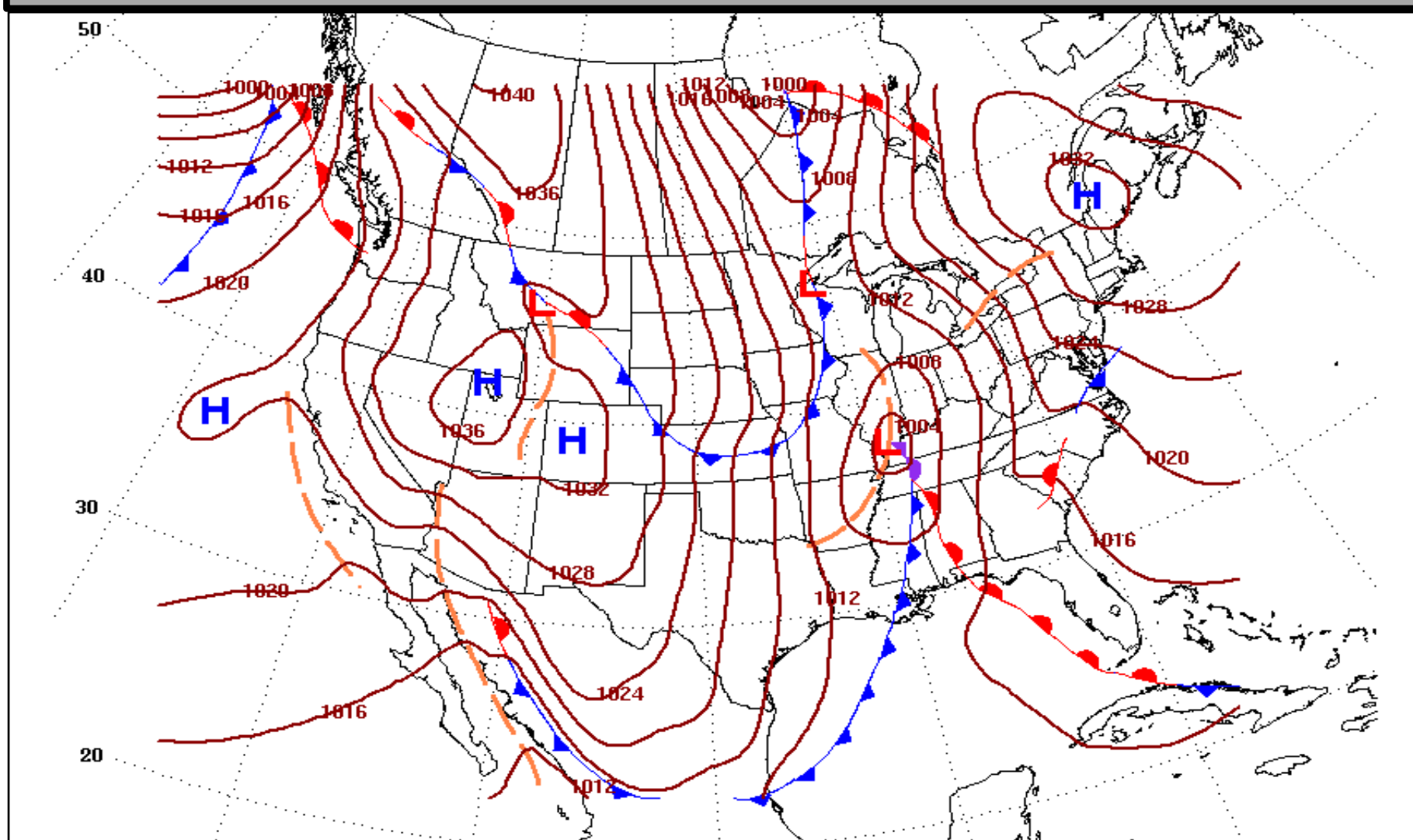
Day 4 Excessive Rainfall Outlook
Valid 12Z Mon Nov 20 2023
Thru 12Z Tue Nov 21 2023
Issued: 0746Z Fri Nov 17 2023
Forecaster: RAUSCH
DOC/NOAA/NWS/NCEP/WPC

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%

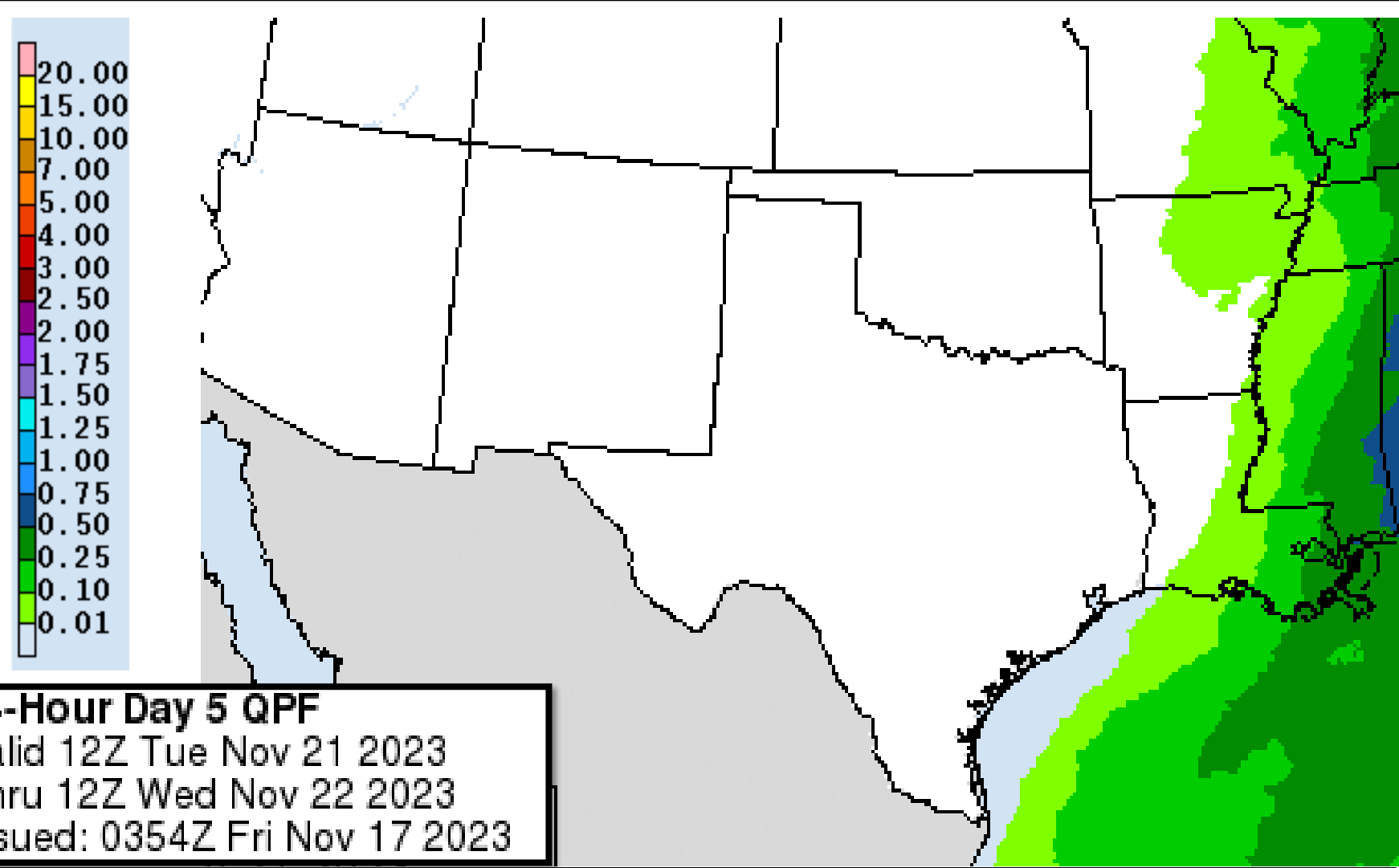


Tuesday's Weather

Forecast Chart



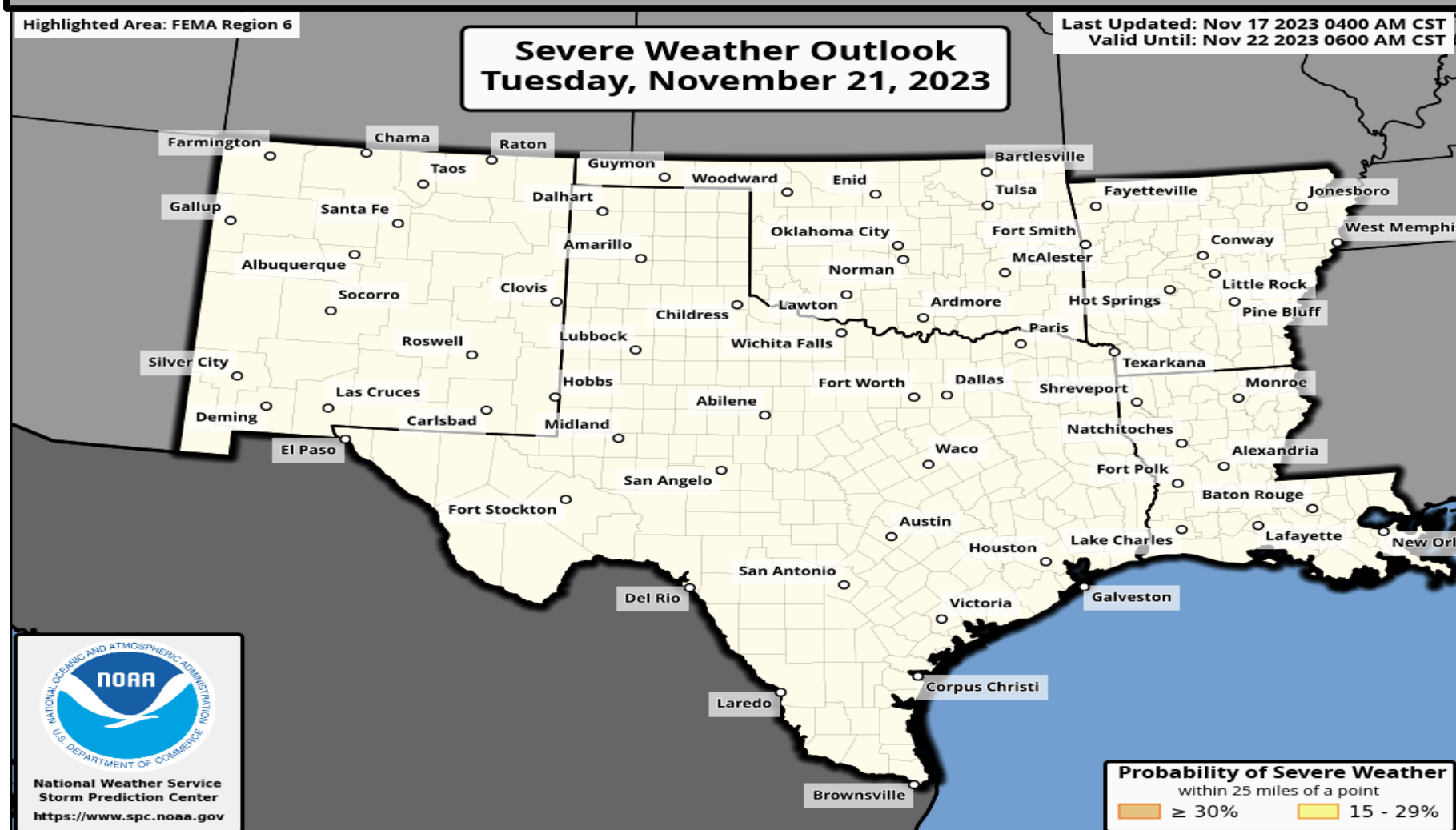
Forecast Rainfall



No significant weather expected.

24-Hour Day 5 QPF
Valid 12Z Tue Nov 21 2023
Thru 12Z Wed Nov 22 2023
Issued: 0354Z Fri Nov 17 2023

Severe Weather Outlook



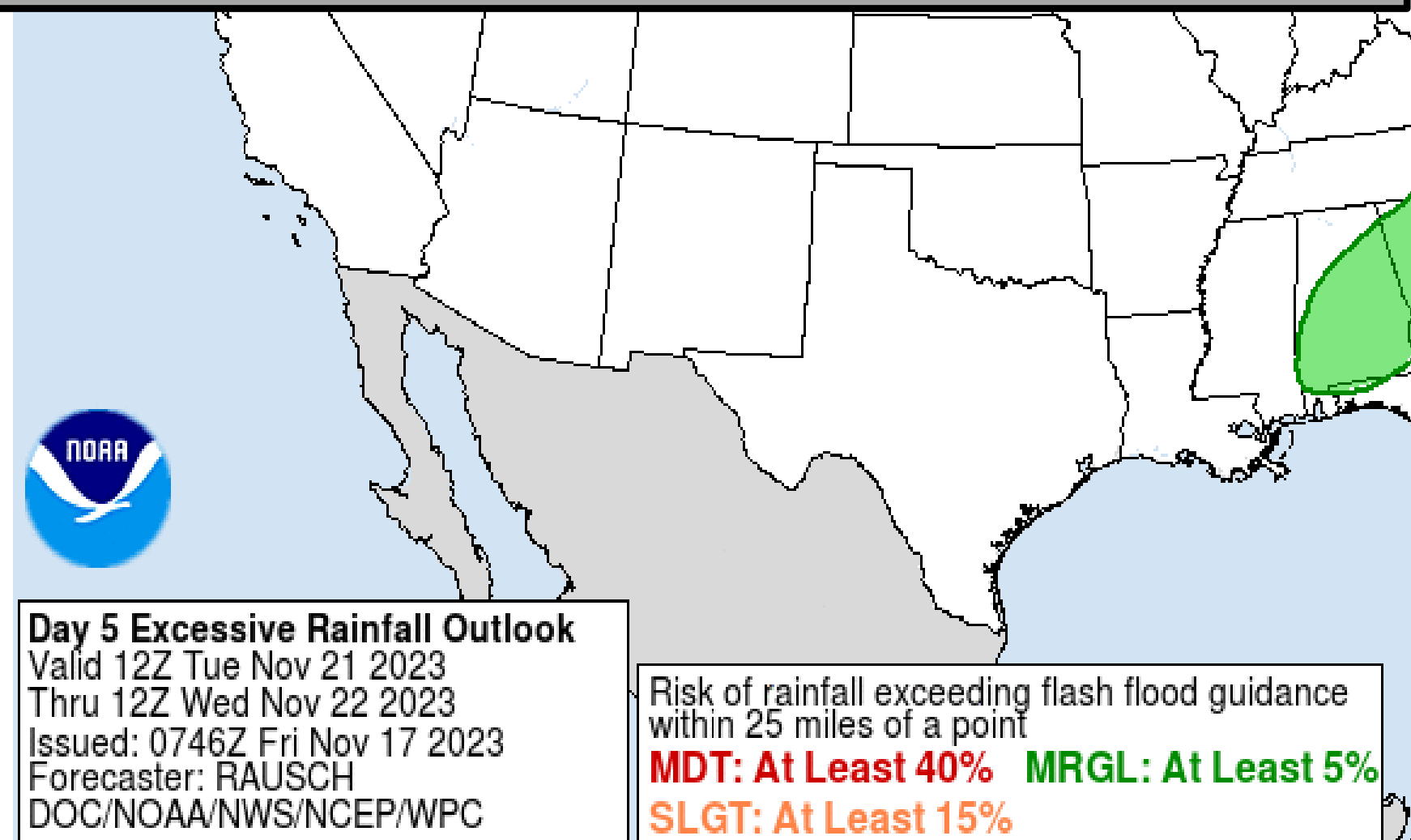
Severe Weather Outlook
Tuesday, November 21, 2023

Last Updated: Nov 17 2023 0400 AM CST
Valid Until: Nov 22 2023 0600 AM CST



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

Excessive Rainfall Outlook



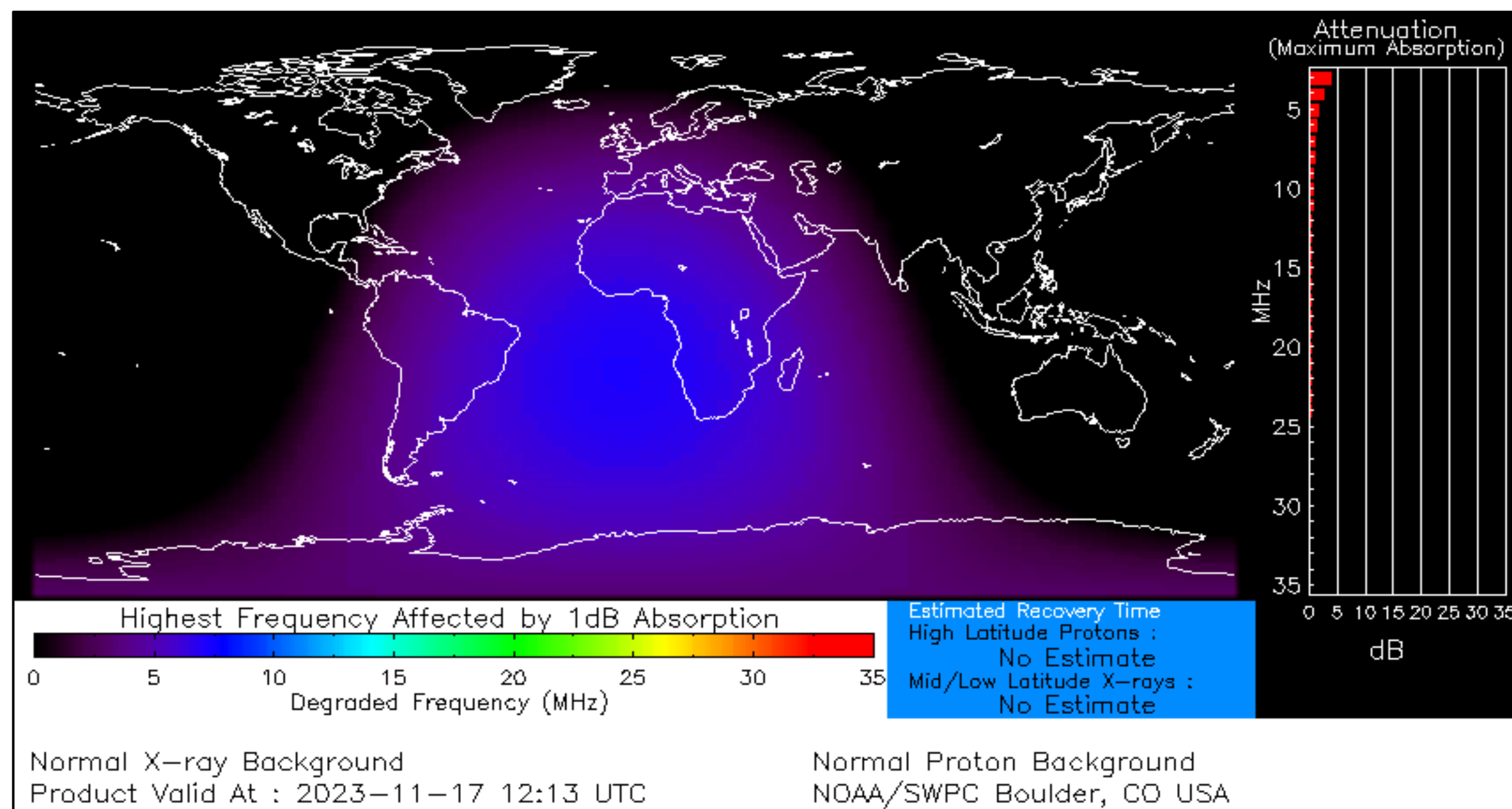
Day 5 Excessive Rainfall Outlook
Valid 12Z Tue Nov 21 2023
Thru 12Z Wed Nov 22 2023
Issued: 0746Z Fri Nov 17 2023
Forecaster: RAUSCH
DOC/NOAA/NWS/NCEP/WPC

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%



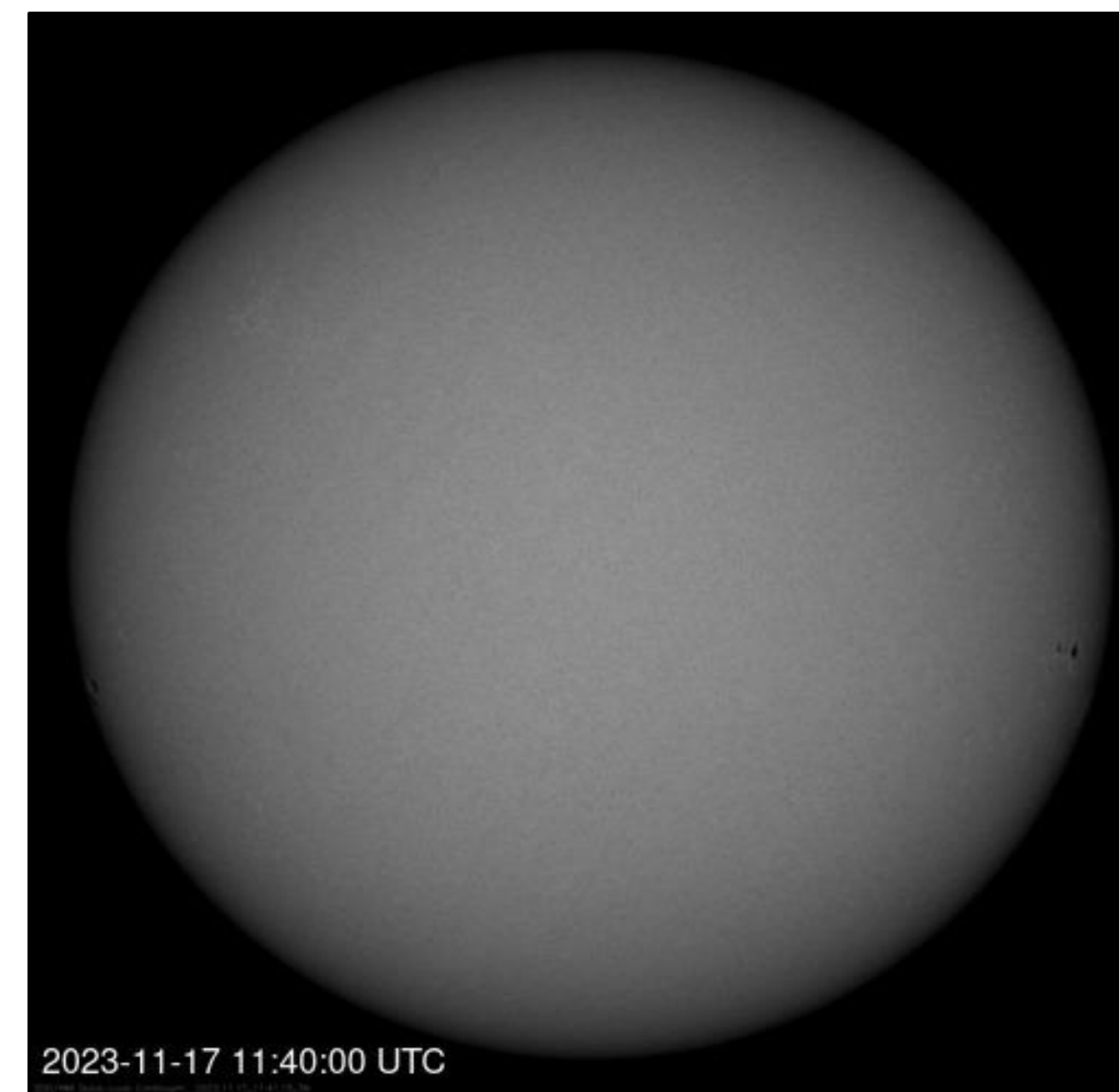
Space Weather 3-Day Forecast

	Friday	Saturday	Sunday
Geomagnetic Storms	Unsettled (Max Kp = 2)	Quiet (Max Kp = 2)	Minor GI Storm (Max Kp = 5)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	15%	20%	20%
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