



FEMA



Prepared by
Melissa Huffman

FEMA Region 6 Weather Threat Briefing

Wednesday, November 13, 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.





Summary

- **Slight risk for excessive rainfall leading to flash flooding across E LA today.**
- **Marginal risk for severe storms today across E/SE LA today.**
- **Minor to isolated moderate river flooding over AR and LA through the week.**
- **A broad area of low pressure over the central Caribbean Sea has a high (90%) chance of tropical cyclone development as the system moves slowly westward. A tropical depression is likely to form in the next few days. No impacts in the next 7 days.**





FEMA Region 6 Threat Matrix

Next 5 Days

	Wednesday, Nov 13	Thursday, Nov 14	Friday, Nov 15	Saturday, Nov 16	Sunday, Nov 17
Severe Storms	E/SE LA				
Heavy Rain / Flash Flooding	E LA				W/NW TX, OK
Fire Weather					
Tropical					
Winter Weather					
River Flooding	LA	LA	LA,AR	LA,AR	LA
	AR	AR			

**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.*

Risk Levels	Little to None	Minor	Moderate	Major	Extreme
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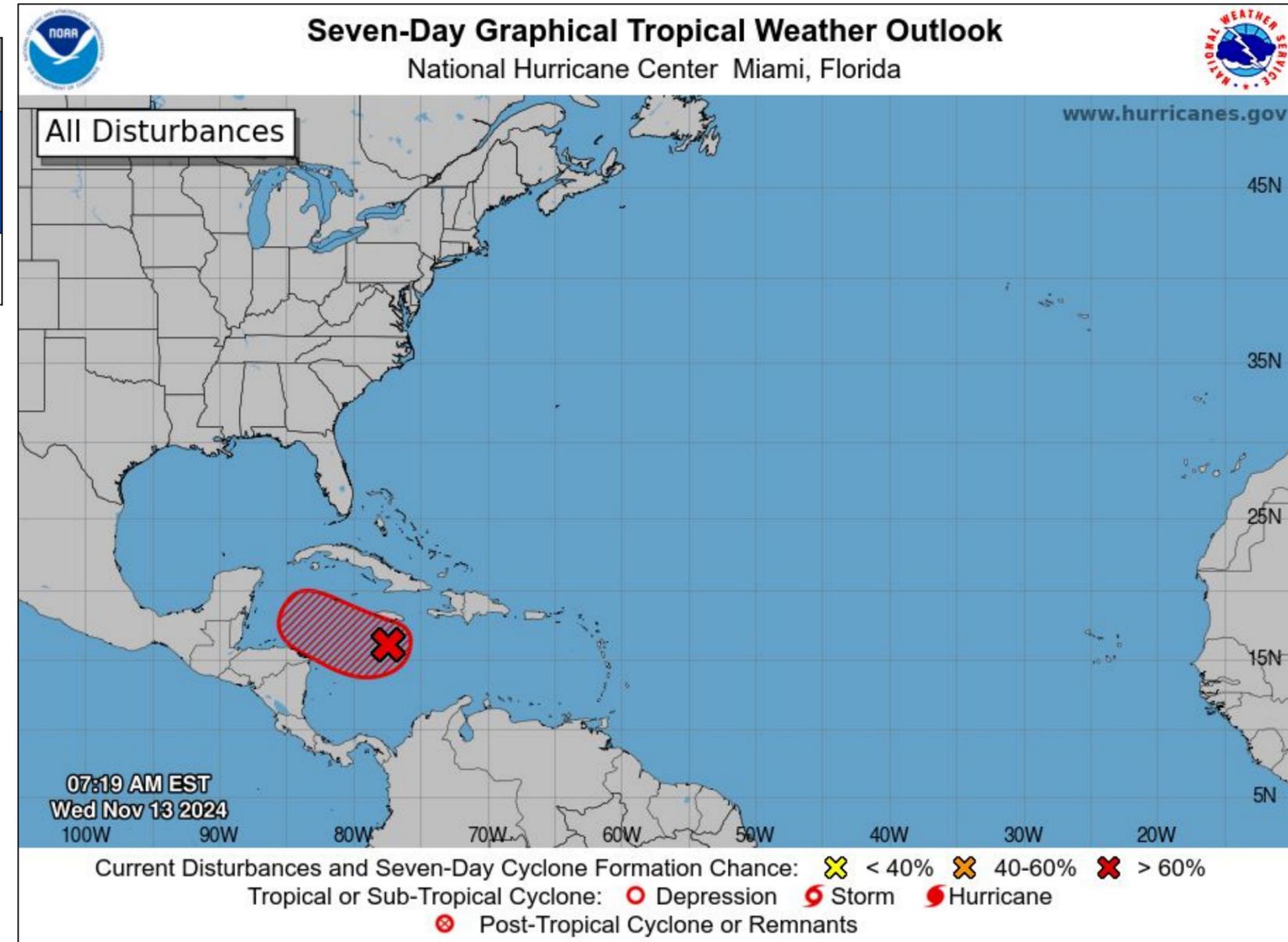
Tropical Weather Outlook – Atlantic/Gulf

Areas of Possible Development

Area	Chance of Development	Potential Impacts to FEMA 6
1	High	None in the next 7 days

Active Tropical Cyclones

Storm	Potential Impacts to FEMA 6

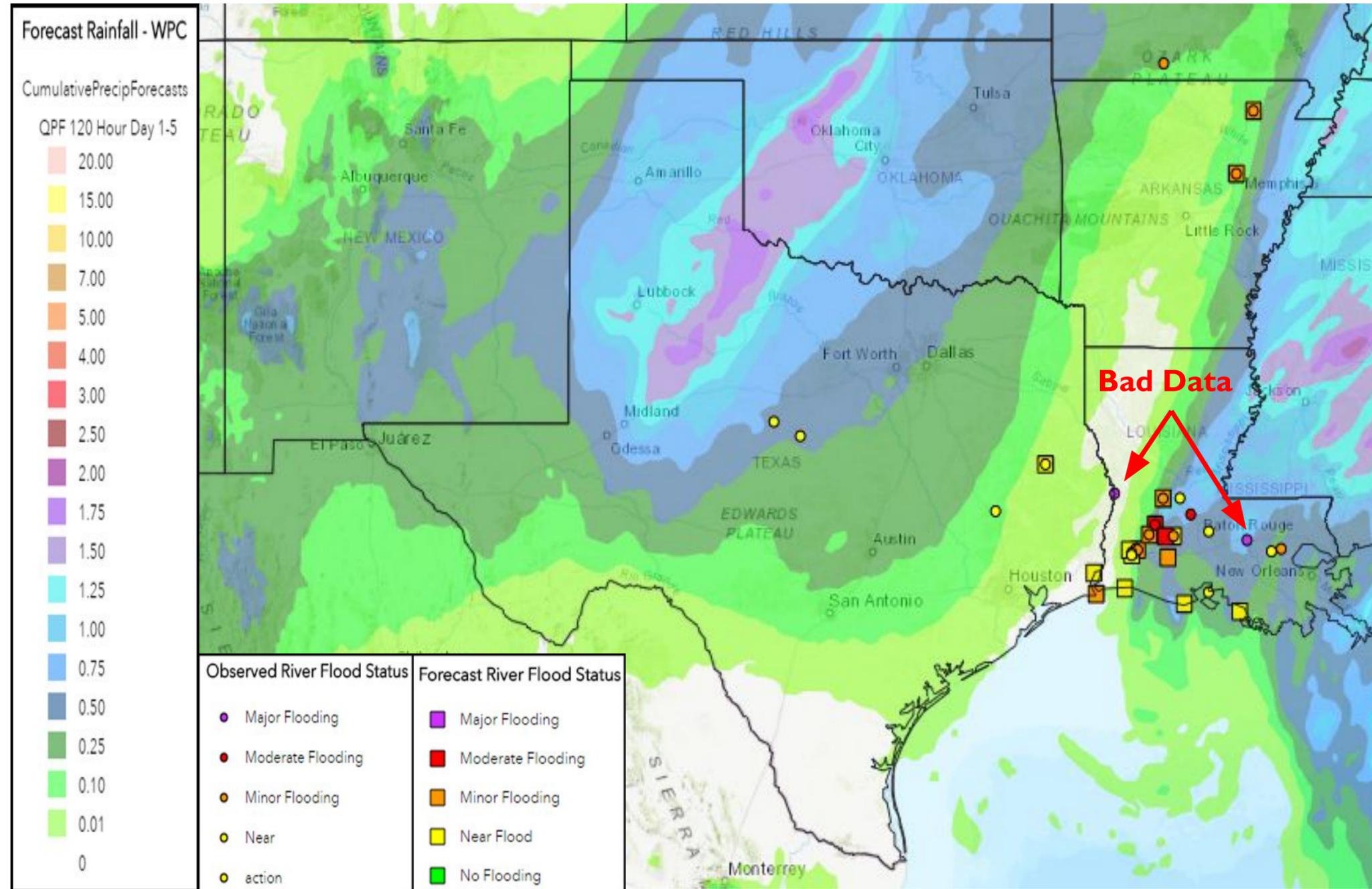


See <http://www.hurricanes.gov> for the latest on the tropics or any active storms



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



Isolated moderate river flooding in LA, affecting secondary roads near the Calcasieu River, Bayou Nezpique, and Bayou Cocodrie.

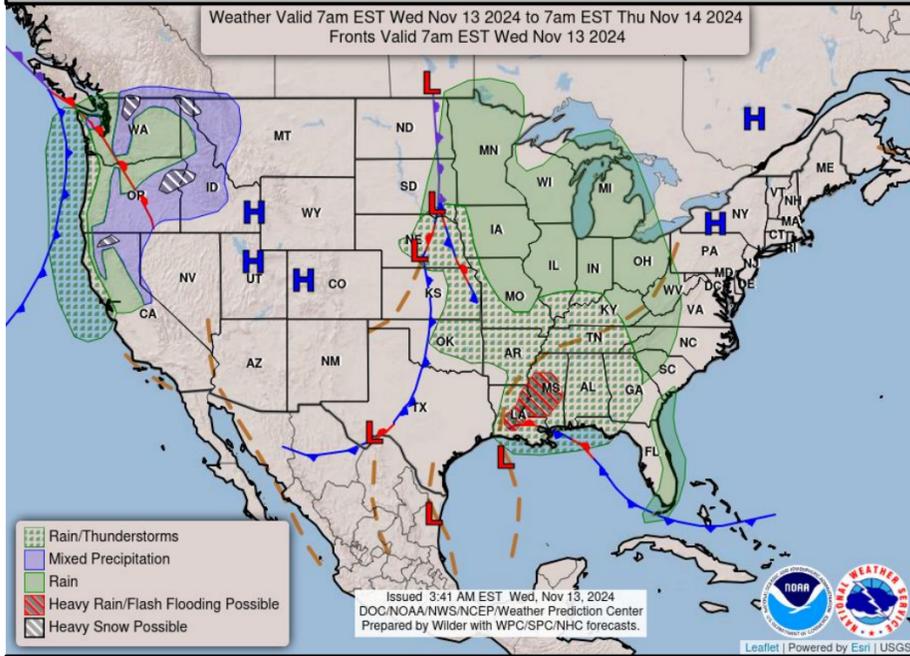
Minor river flooding over AR. Mainly agricultural impacts.



Today's Weather

Forecast Chart

Weather Valid 7am EST Wed Nov 13 2024 to 7am EST Thu Nov 14 2024
Fronts Valid 7am EST Wed Nov 13 2024

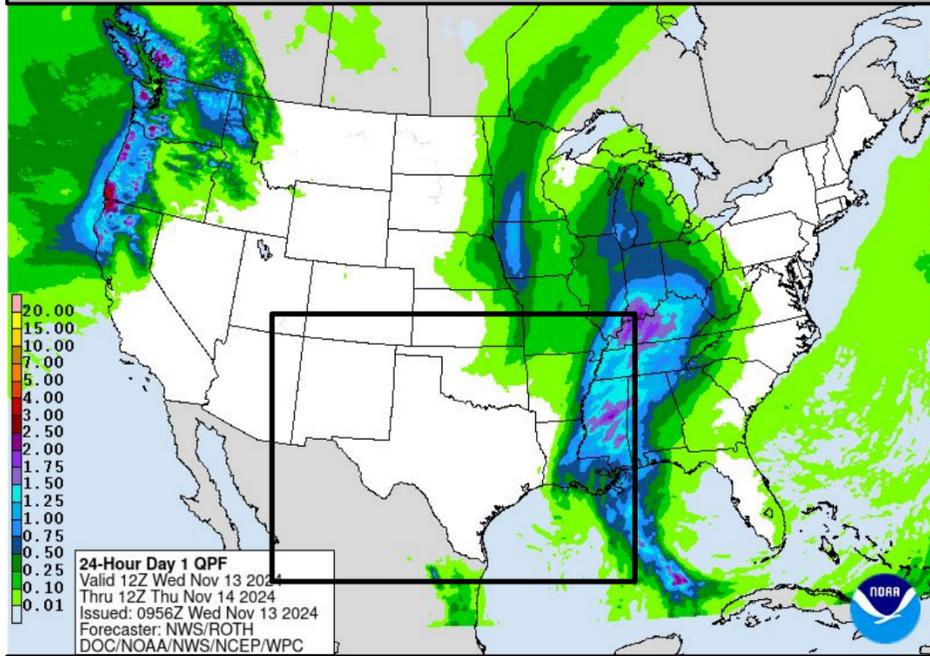


- Rain/Thunderstorms
- Mixed Precipitation
- Rain
- Heavy Rain/Flash Flooding Possible
- Heavy Snow Possible

Issued 3:41 AM EST Wed, Nov 13, 2024
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by WPC/SPC/NHC forecasts.



Forecast Rainfall



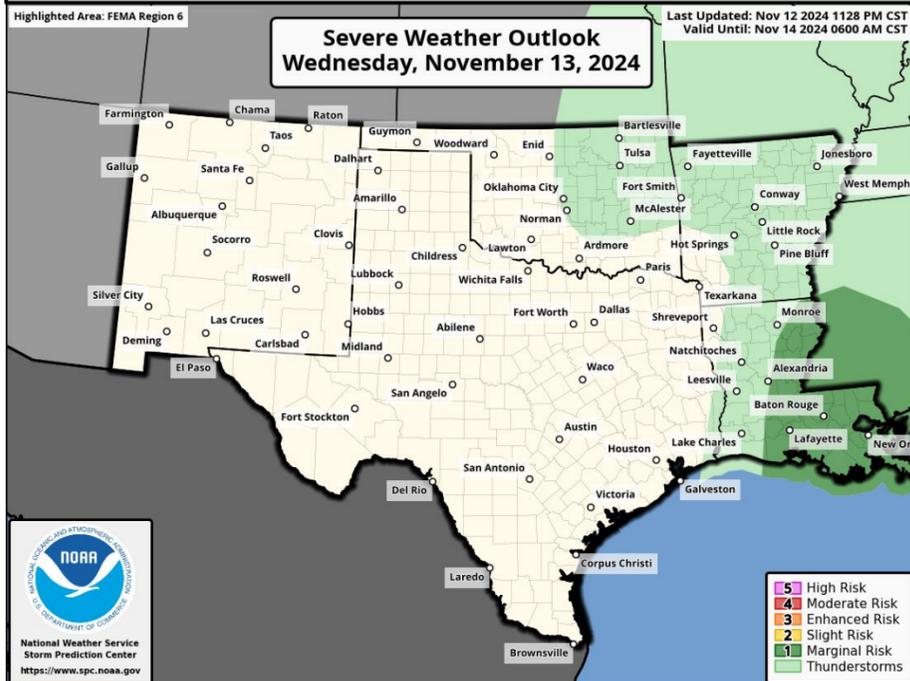
24-Hour Day 1 QPF
Valid 12Z Wed Nov 13 2024
Thru 12Z Thu Nov 14 2024
Issued: 0956Z Wed Nov 13 2024
Forecaster: NWS/ROTH
DOC/NOAA/NWS/NCEP/WPC



Slight risk for excessive rainfall/flash flooding over E LA.

Marginal risk for severe storms across E/SE LA.

Severe Weather Outlook



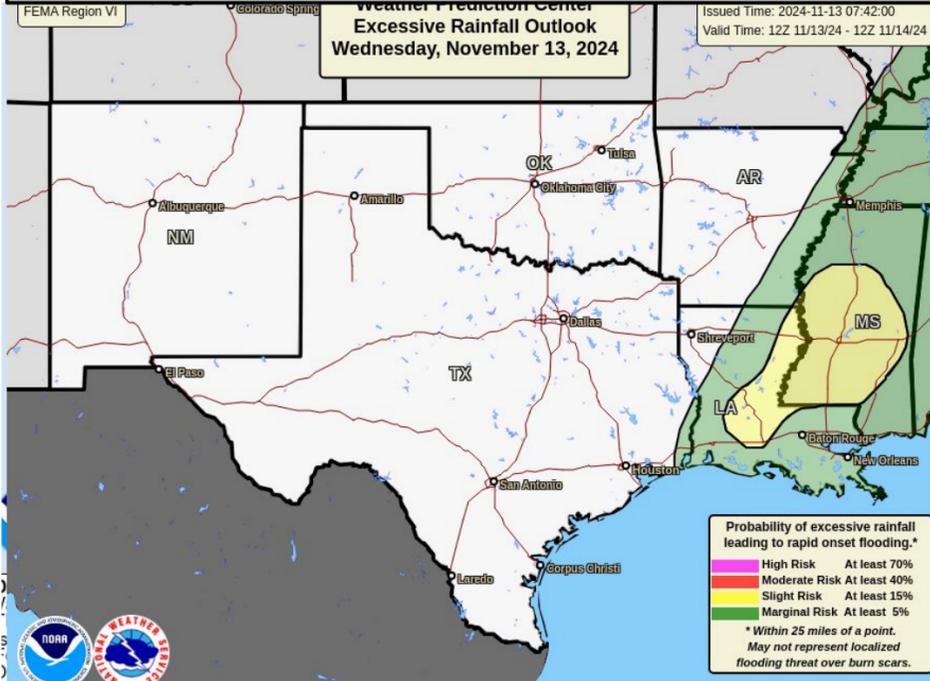
Severe Weather Outlook
Wednesday, November 13, 2024

Last Updated: Nov 12 2024 11:28 PM CST
Valid Until: Nov 14 2024 06:00 AM CST



- High Risk
- Moderate Risk
- Enhanced Risk
- Slight Risk
- Marginal Risk
- Thunderstorms

Excessive Rainfall Outlook



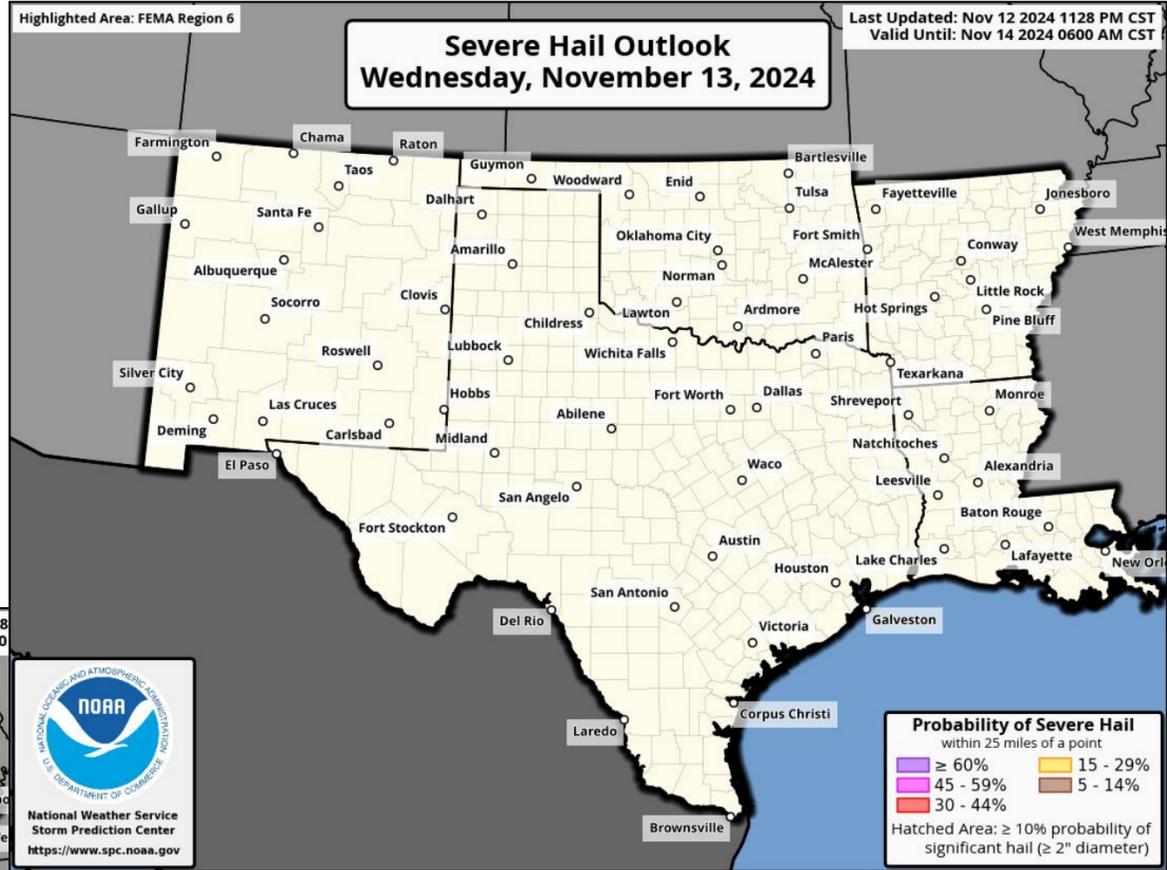
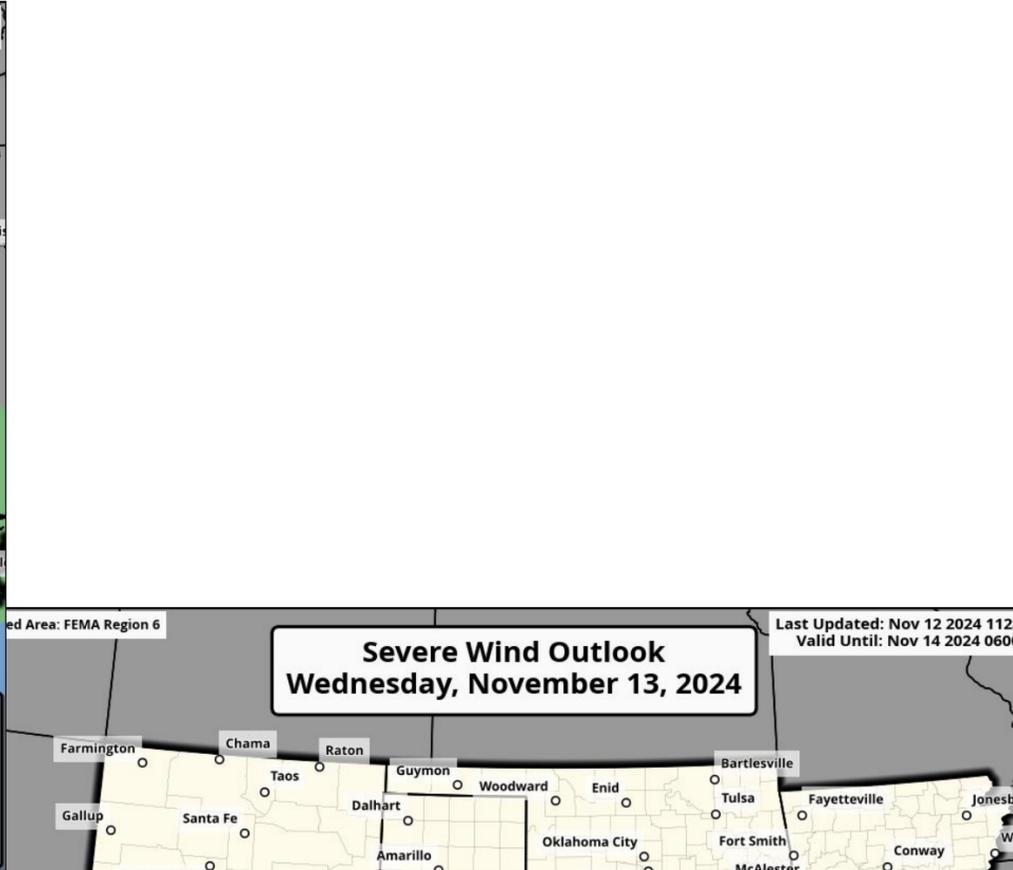
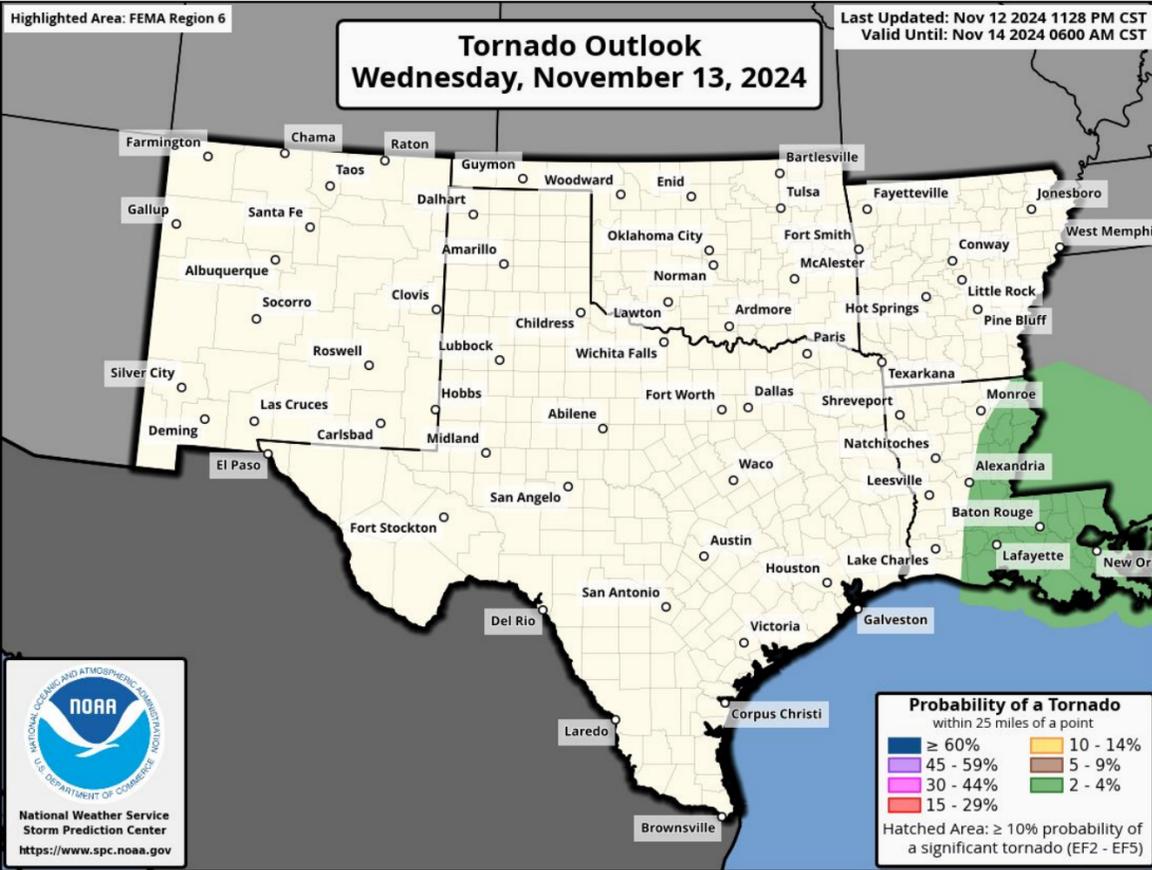
Excessive Rainfall Outlook
Wednesday, November 13, 2024

Issued Time: 2024-11-13 07:42:00
Valid Time: 12Z 11/13/24 - 12Z 11/14/24

- Probability of excessive rainfall leading to rapid onset flooding.*
- High Risk At least 70%
 - Moderate Risk At least 40%
 - Slight Risk At least 15%
 - Marginal Risk At least 5%
- * Within 25 miles of a point.
May not represent localized flooding threat over burn scars.

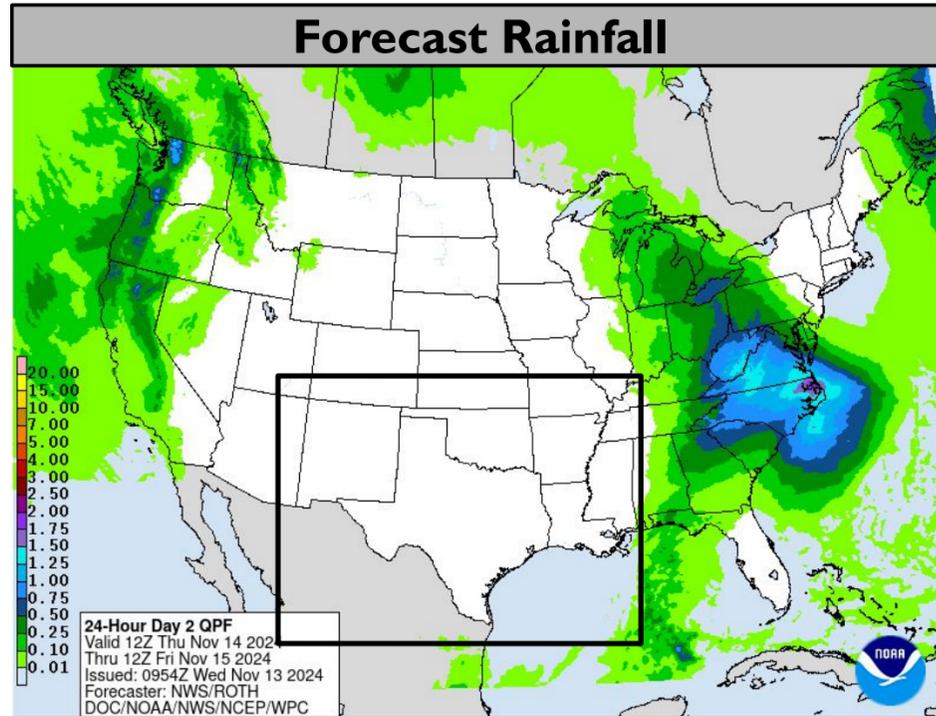
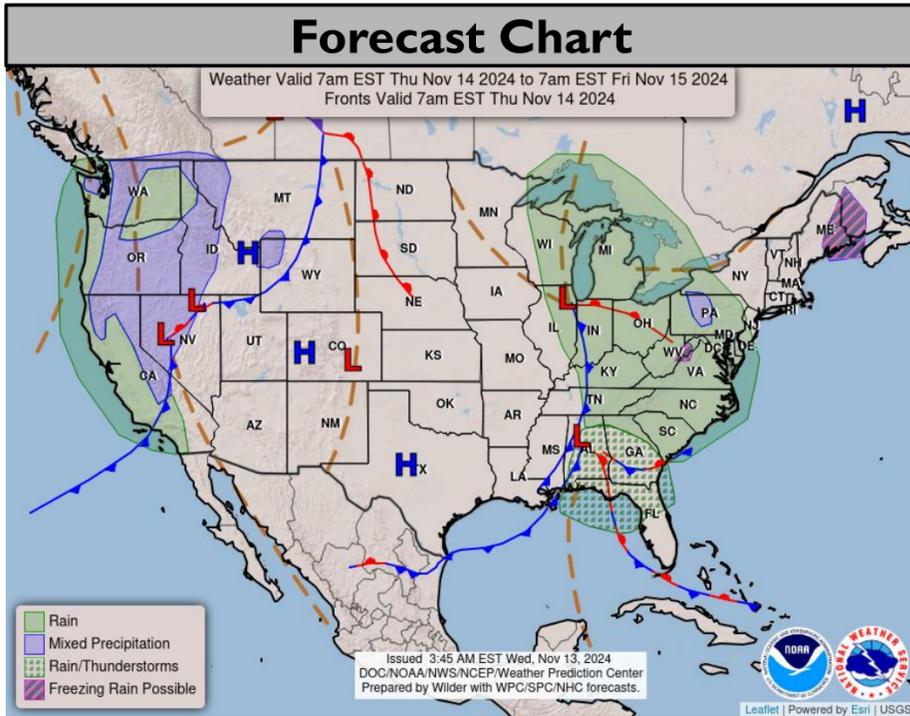


Today's Tornado & Severe Wind / Hail Probabilities

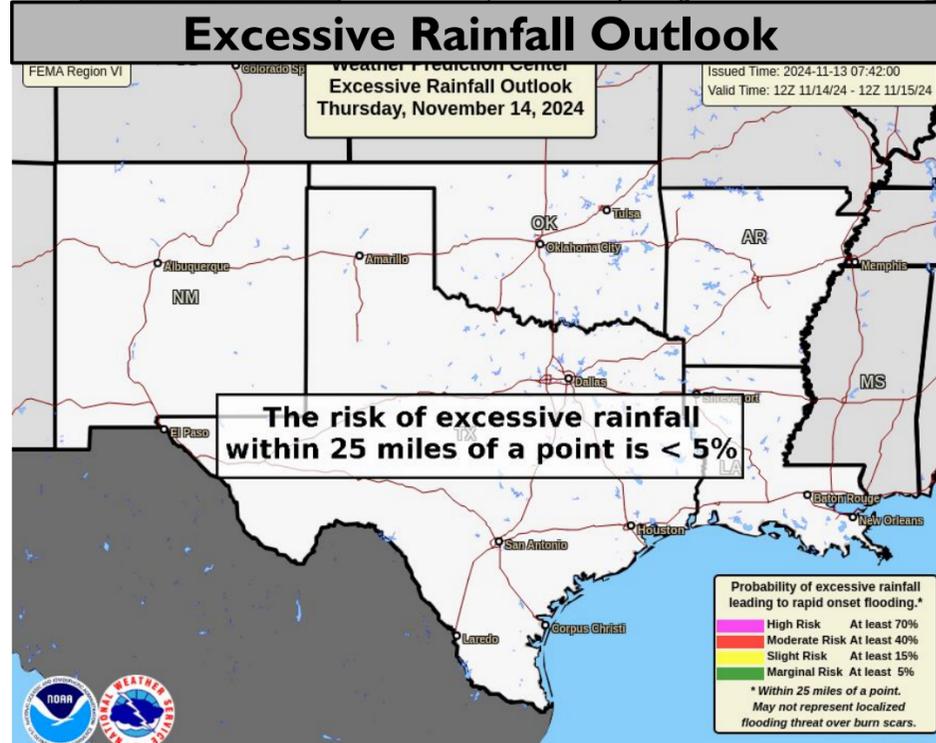
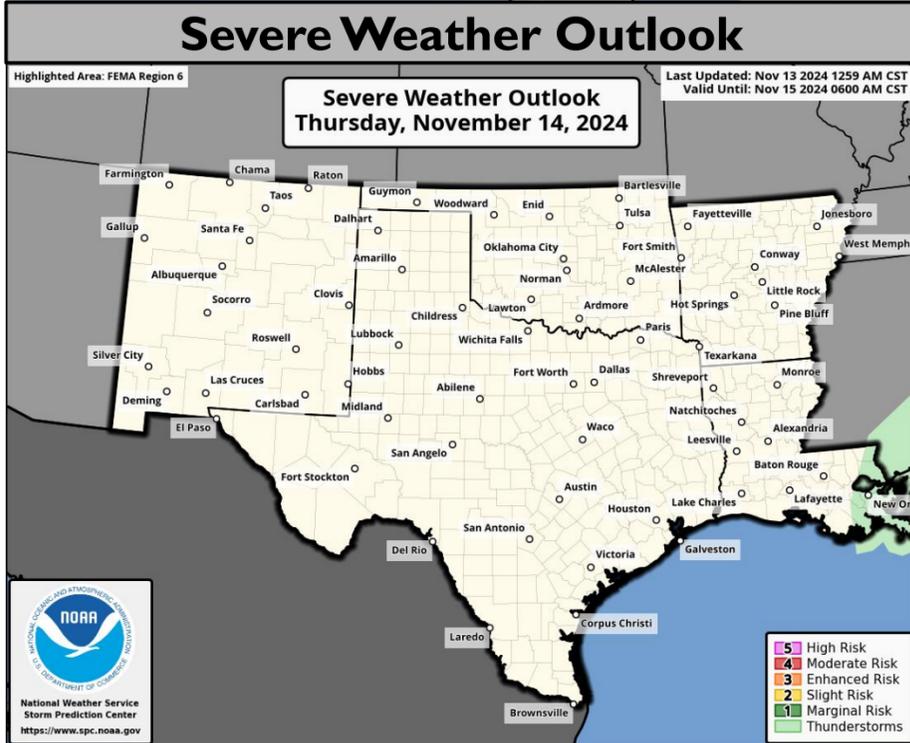




Tomorrow's Weather

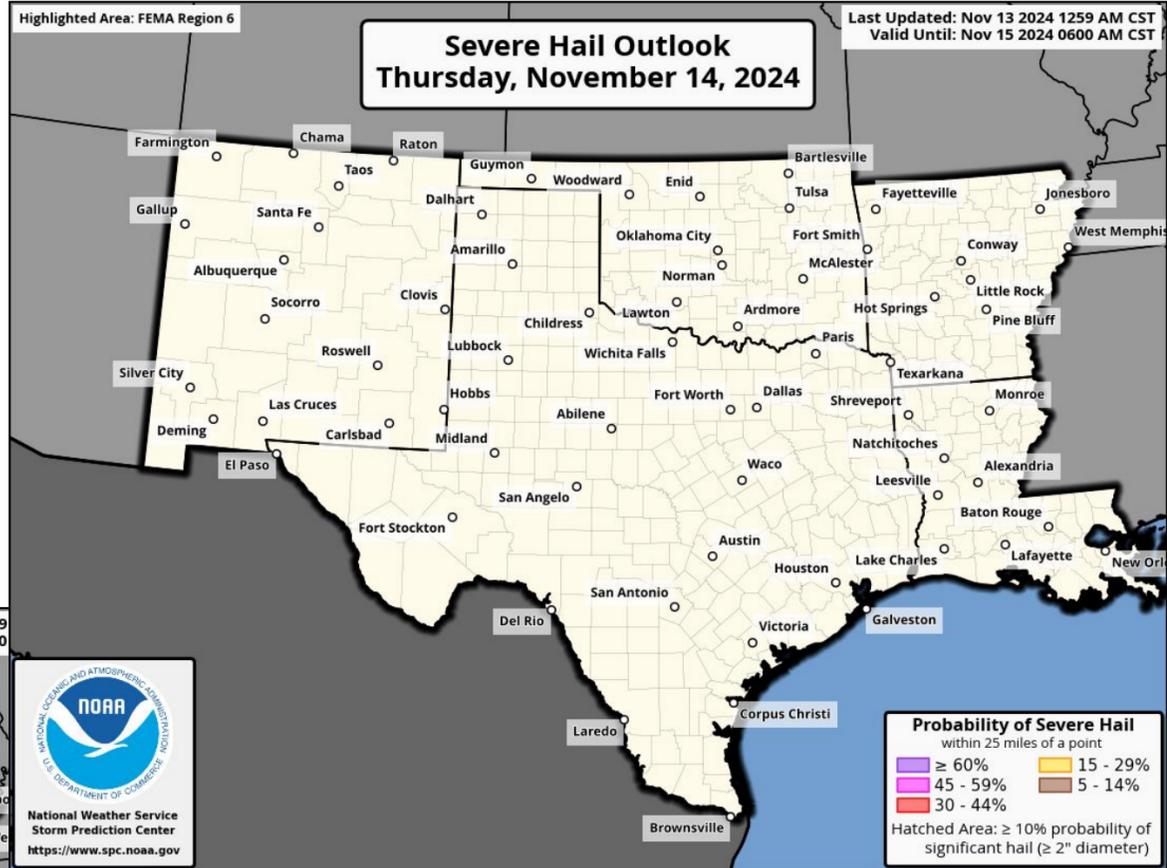
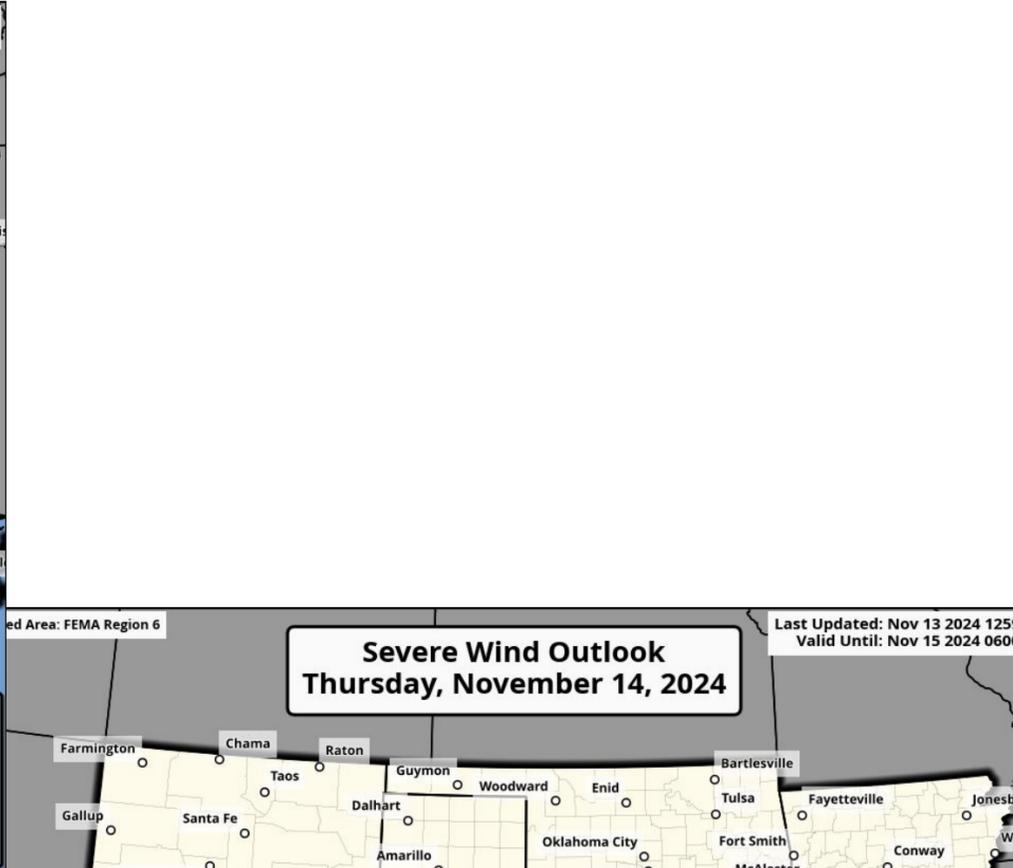
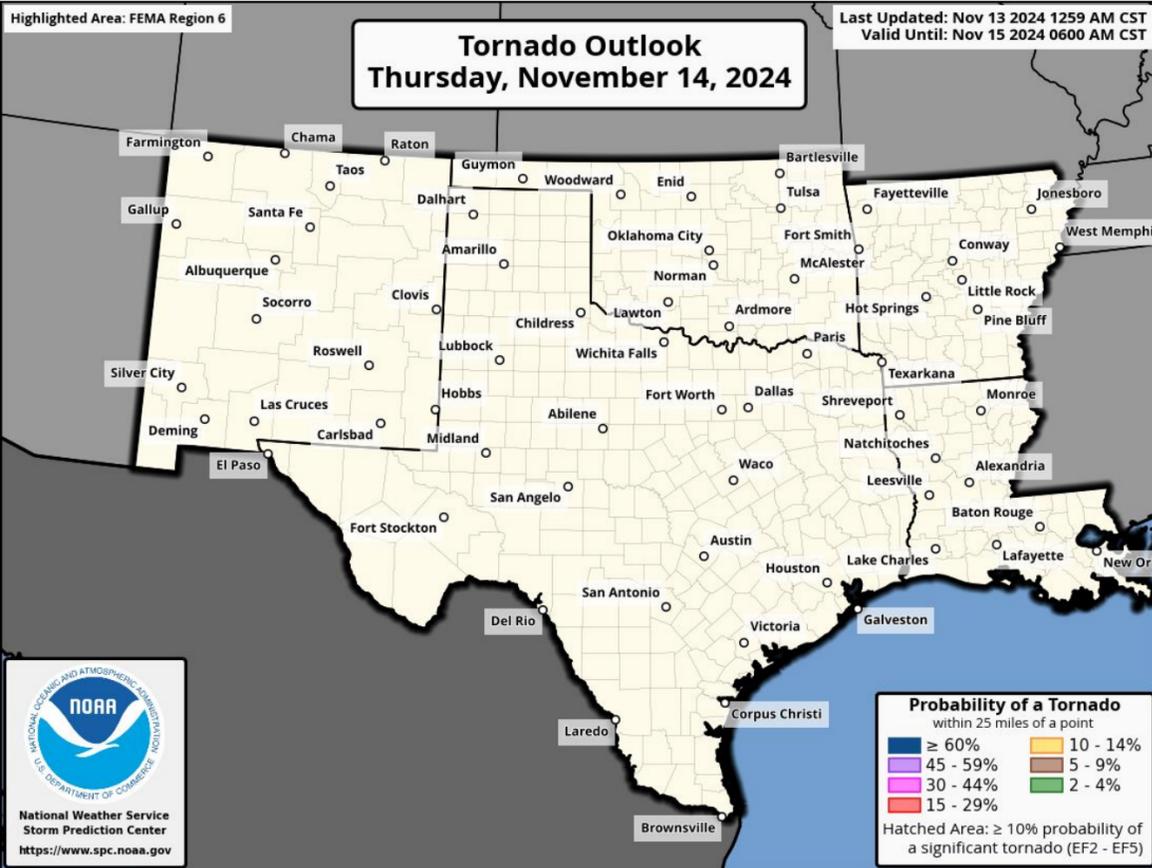


No significant weather expected.





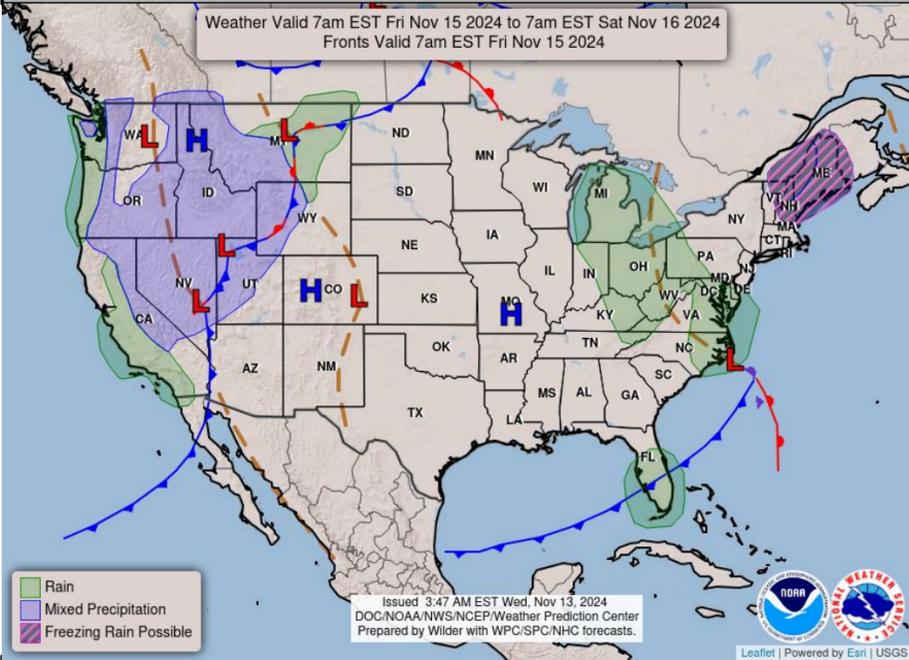
Tomorrow's Tornado & Severe Wind / Hail Probabilities



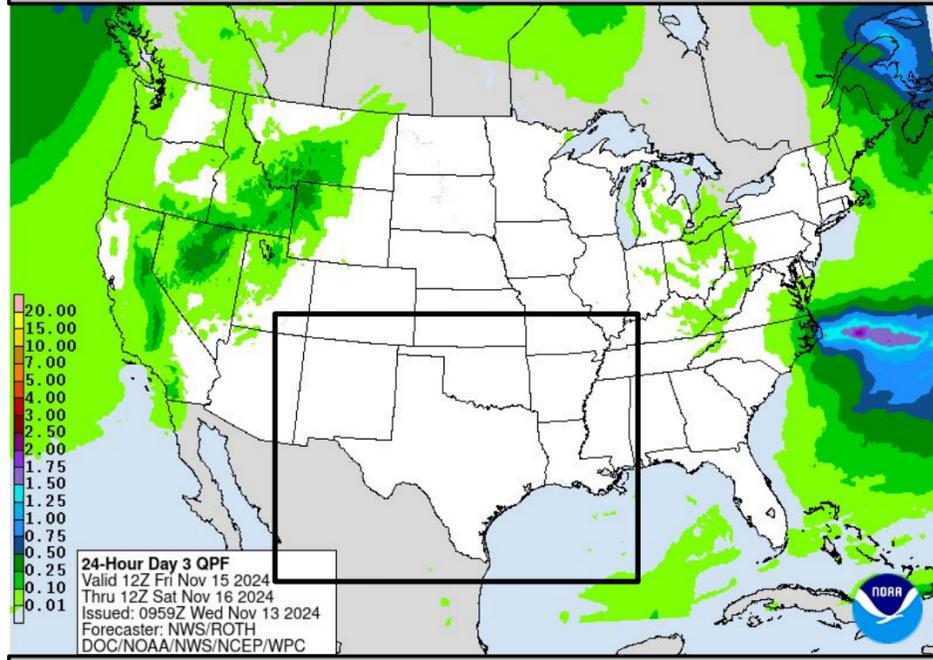


Friday's Weather

Forecast Chart

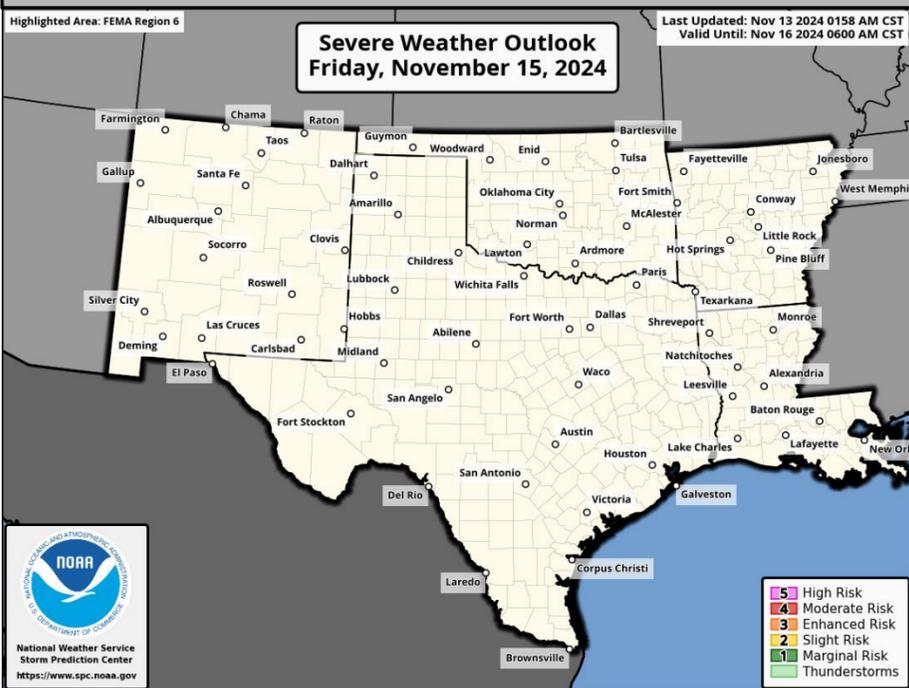


Forecast Rainfall

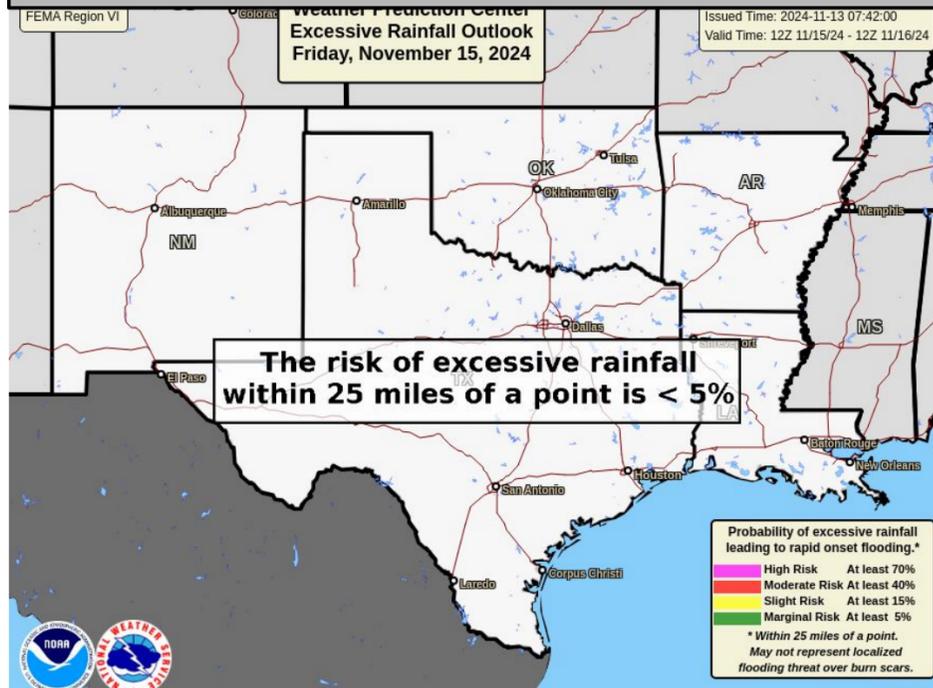


No significant weather expected.

Severe Weather Outlook



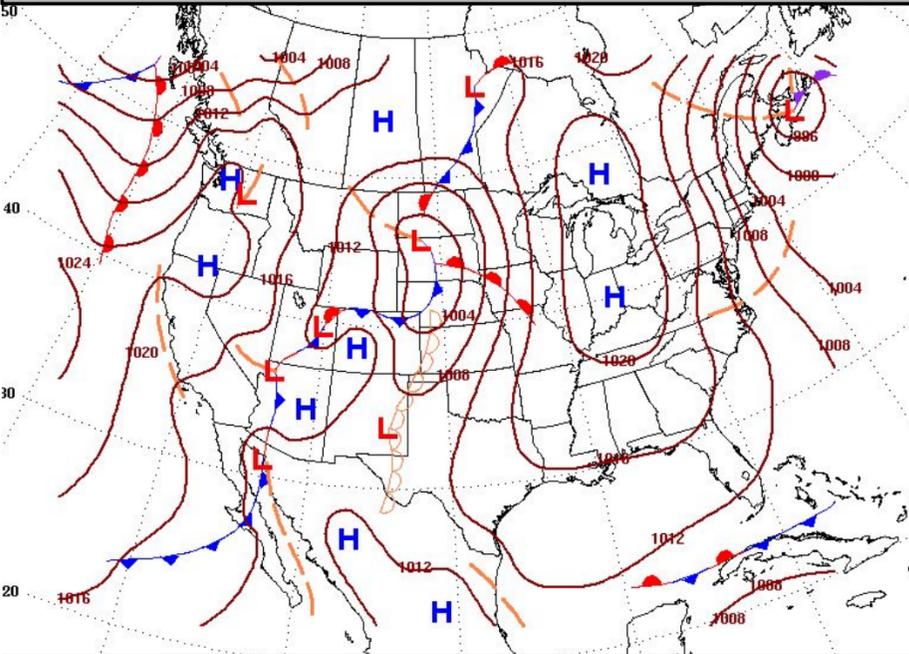
Excessive Rainfall Outlook



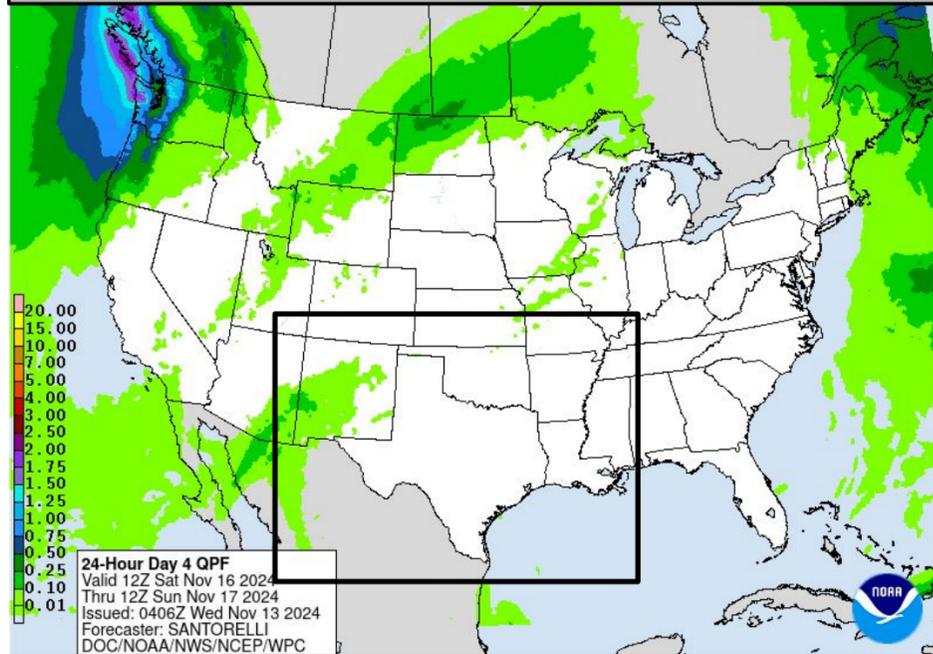


Saturday's Weather

Forecast Chart

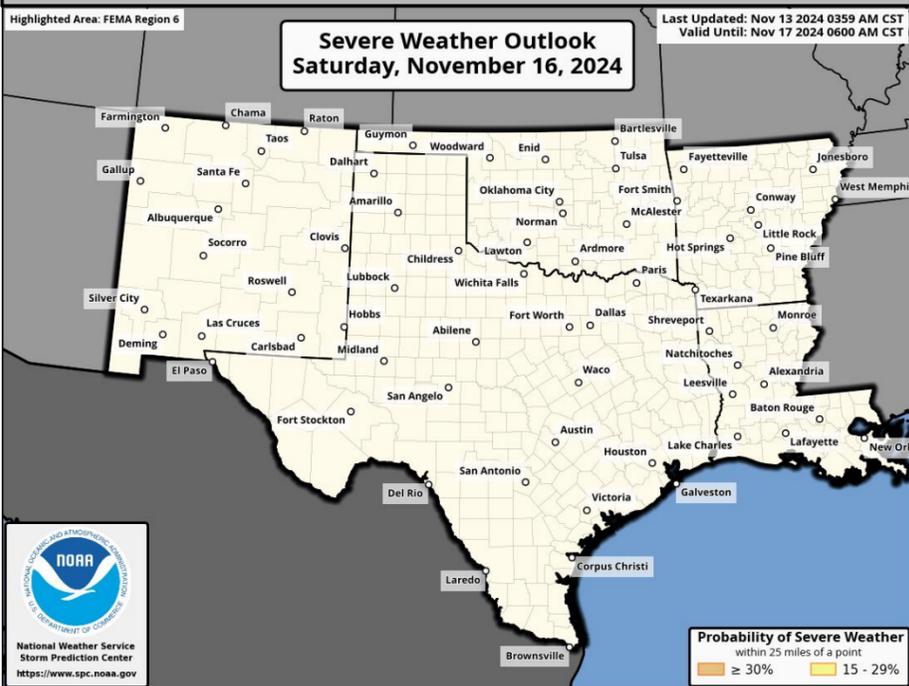


Forecast Rainfall

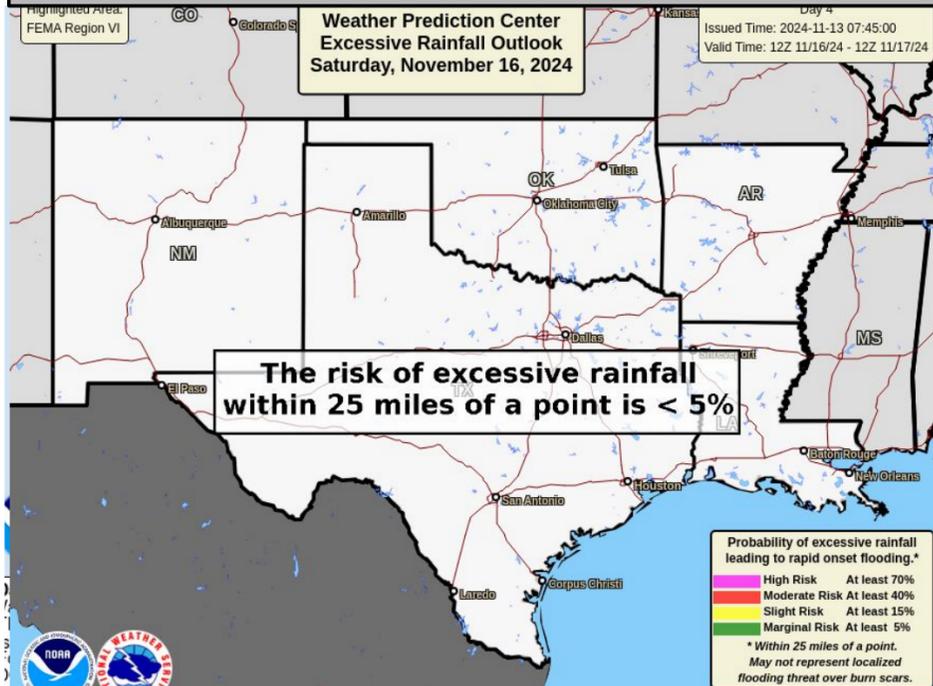


No significant weather expected.

Severe Weather Outlook



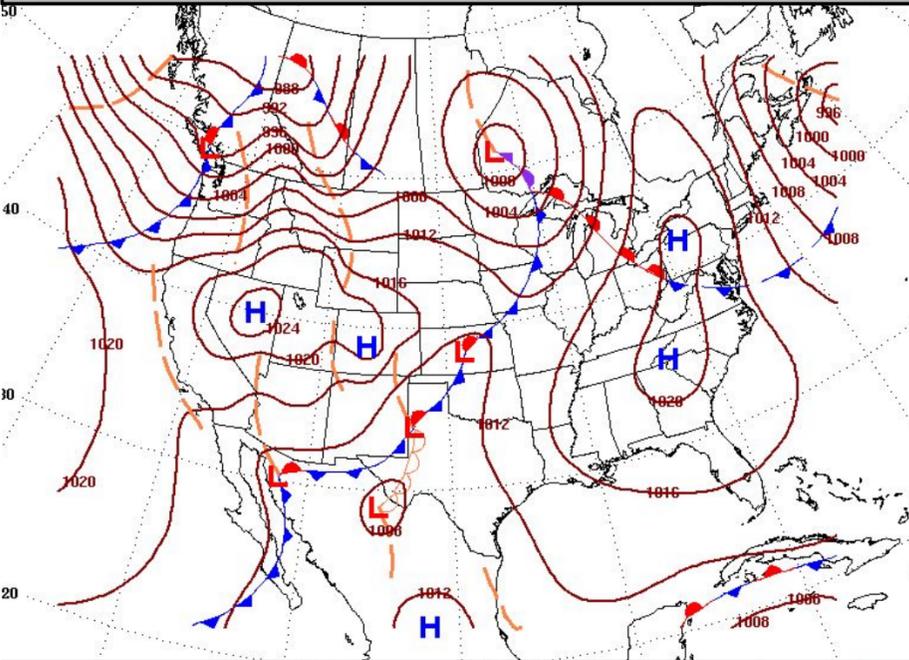
Excessive Rainfall Outlook



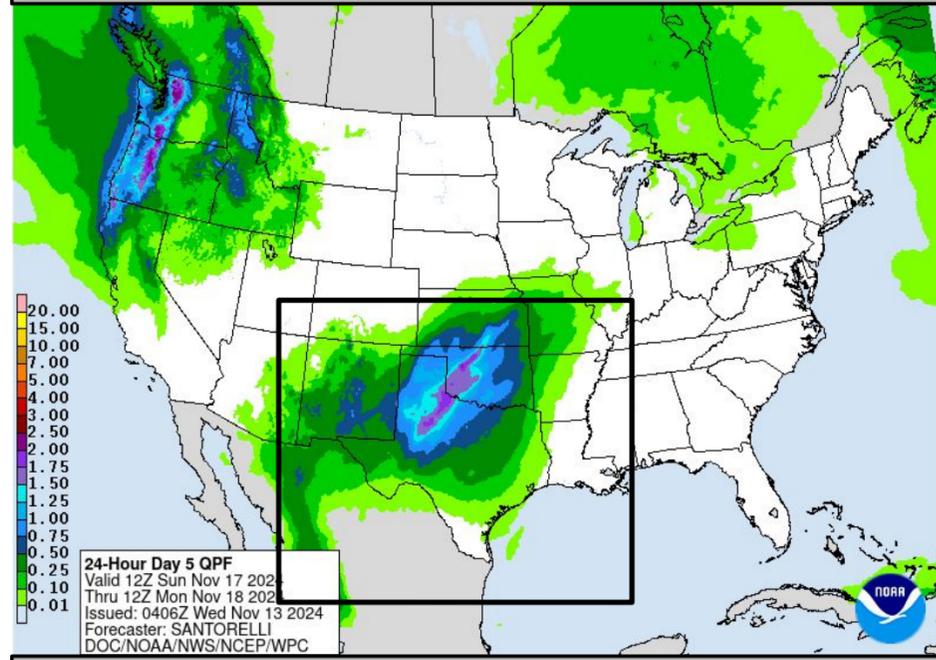


Sunday's Weather

Forecast Chart

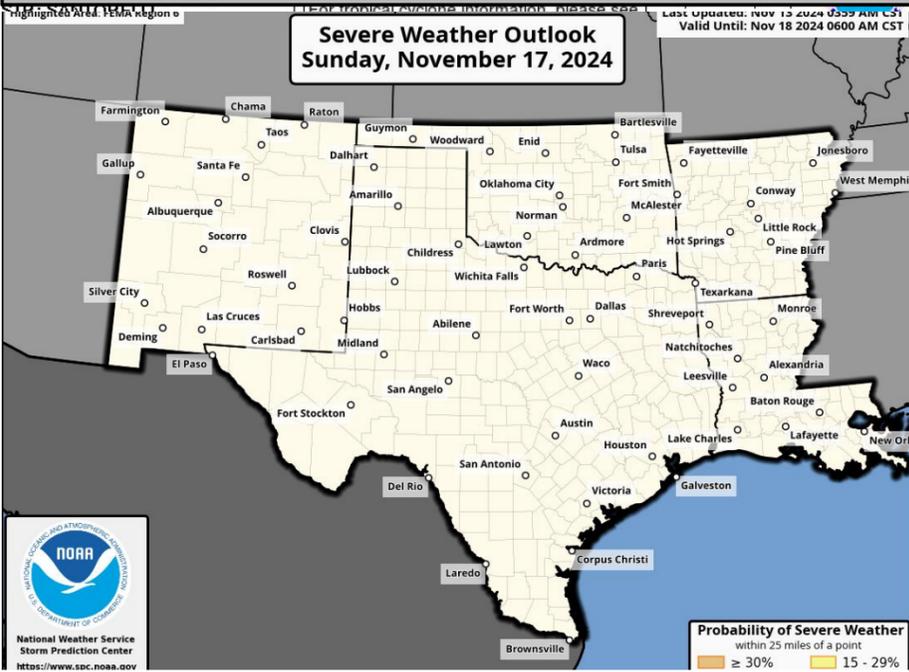


Forecast Rainfall

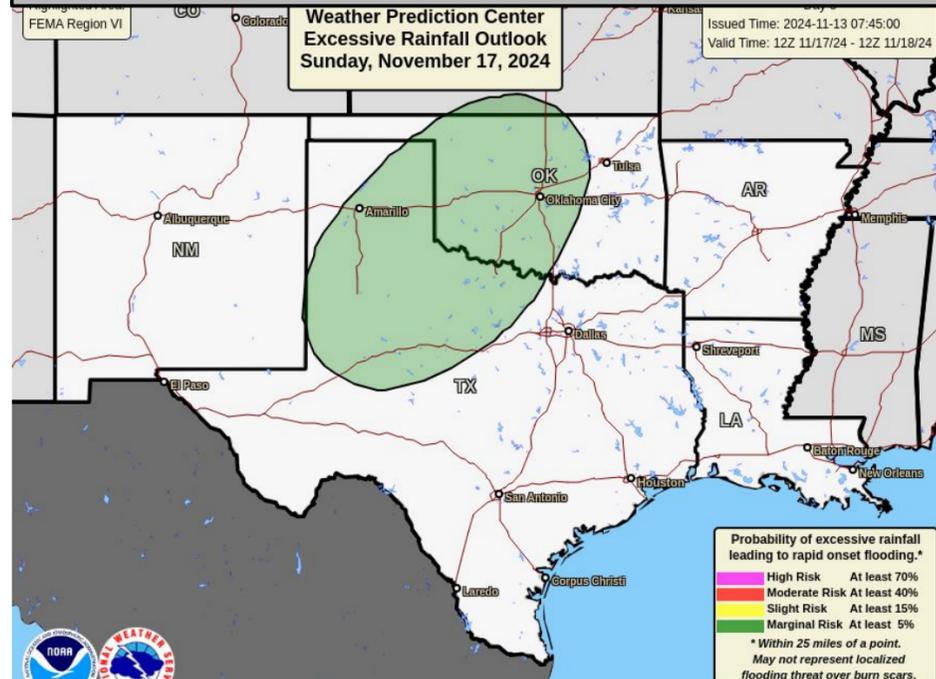


Marginal risk for excessive rainfall across W/NW TX, OK.

Severe Weather Outlook

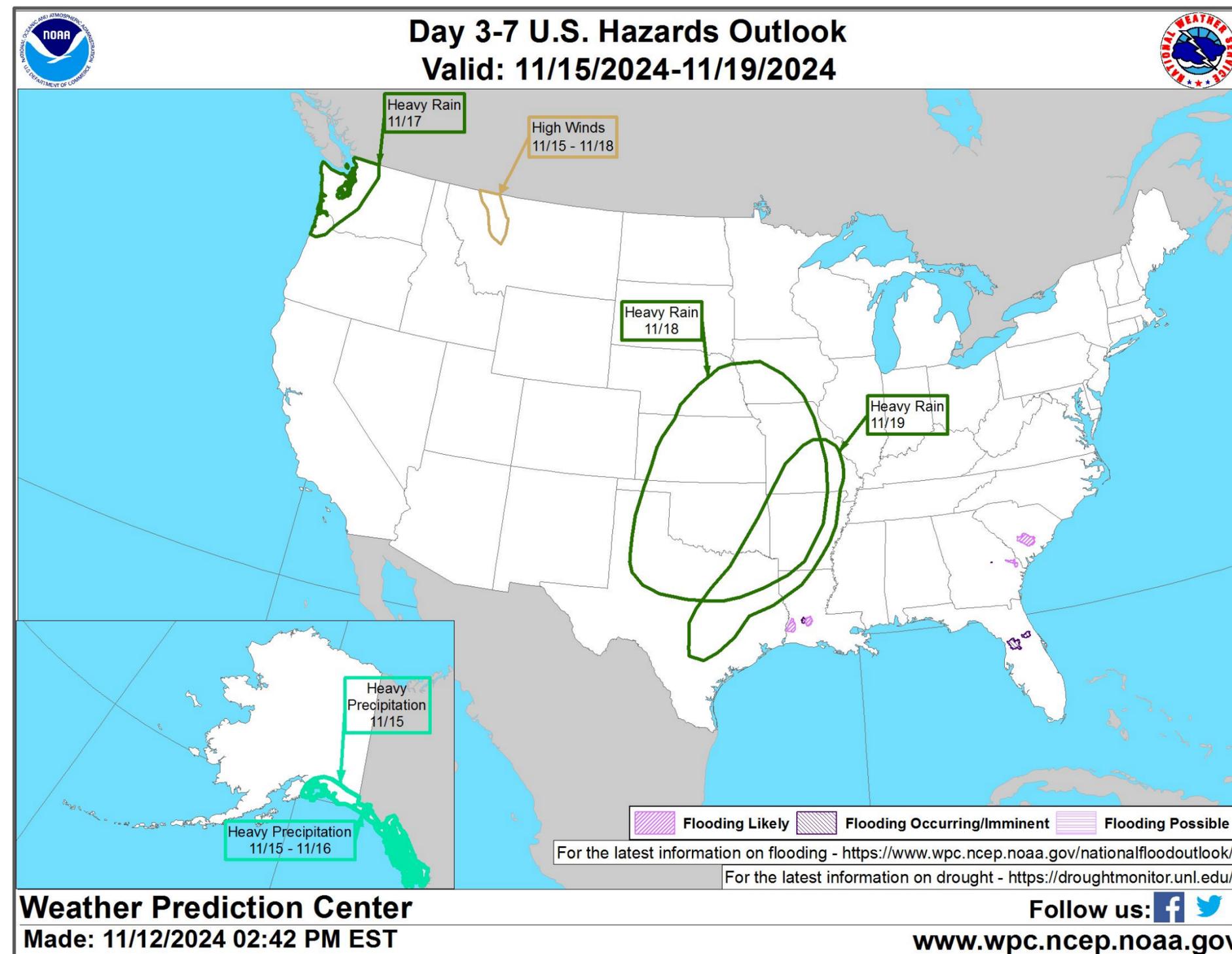


Excessive Rainfall Outlook





“Day 3-7” Hazards Outlook



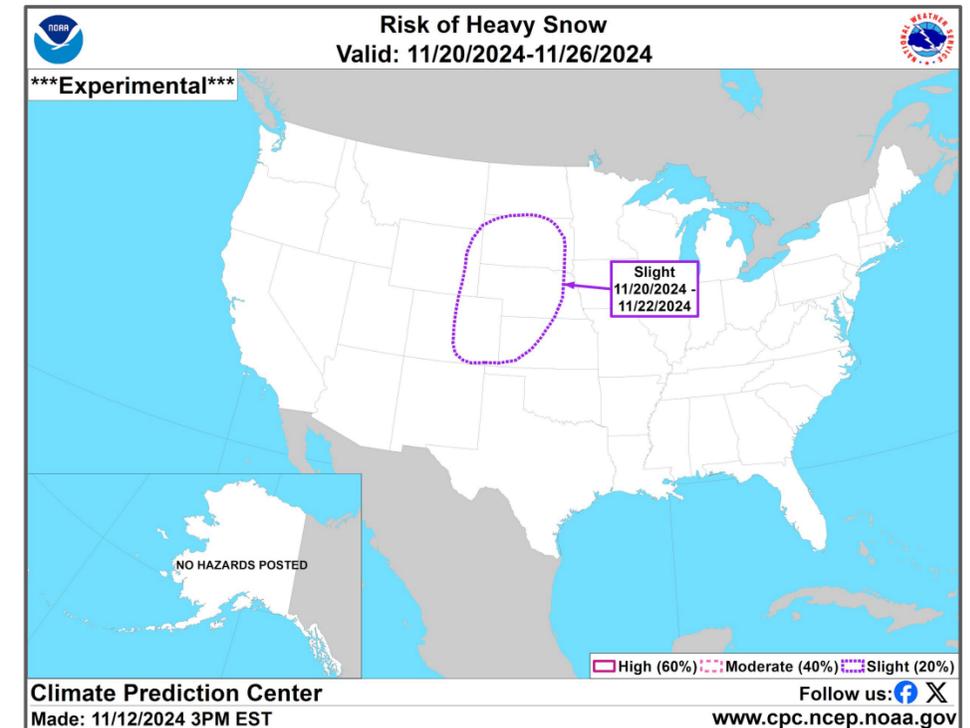
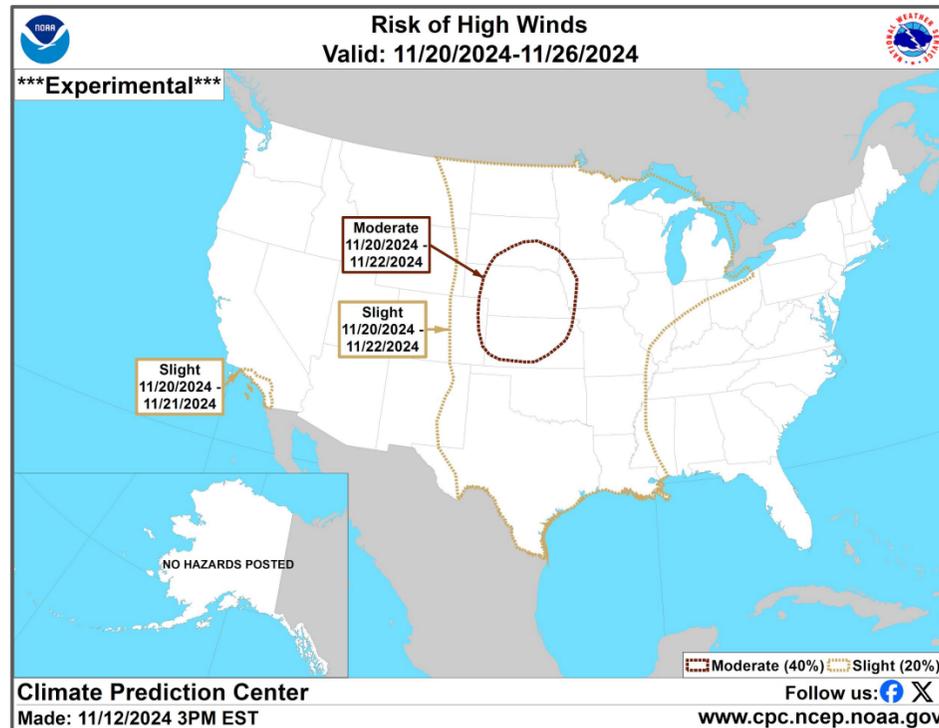
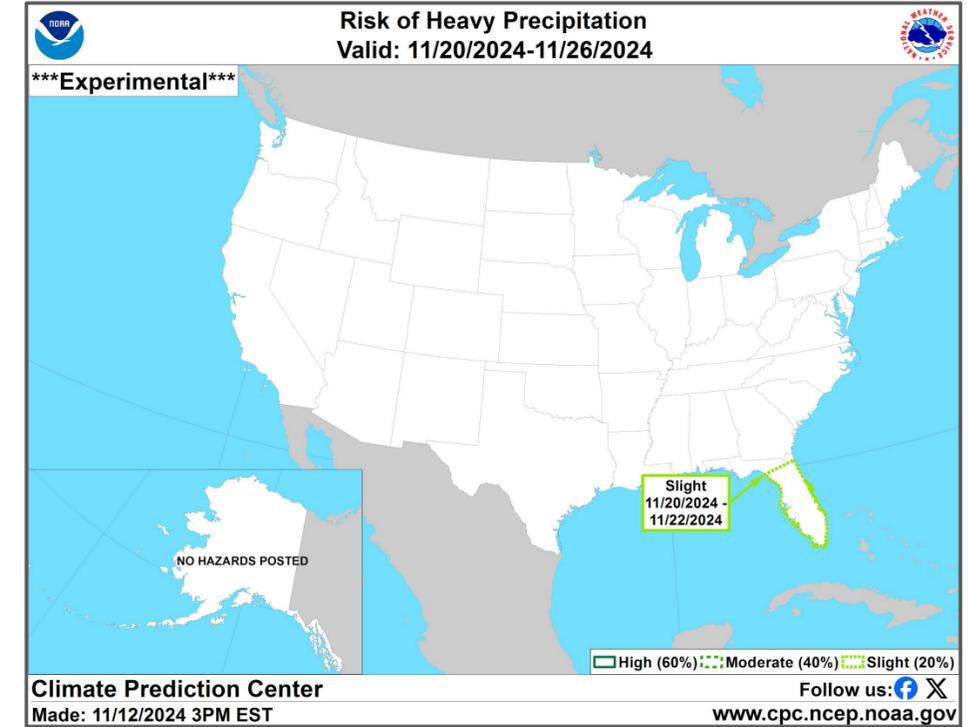
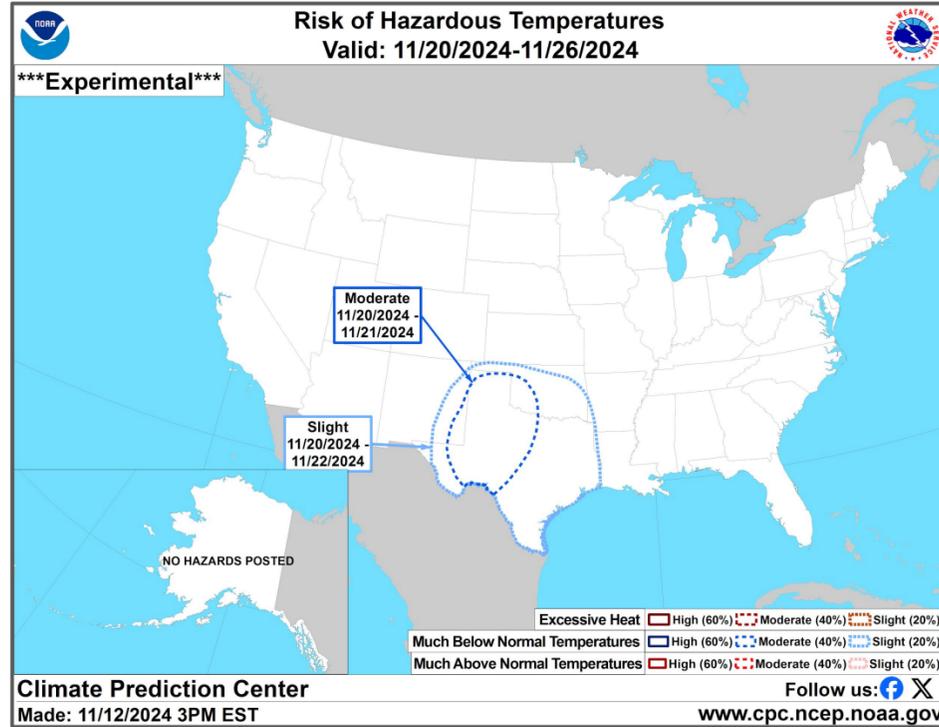
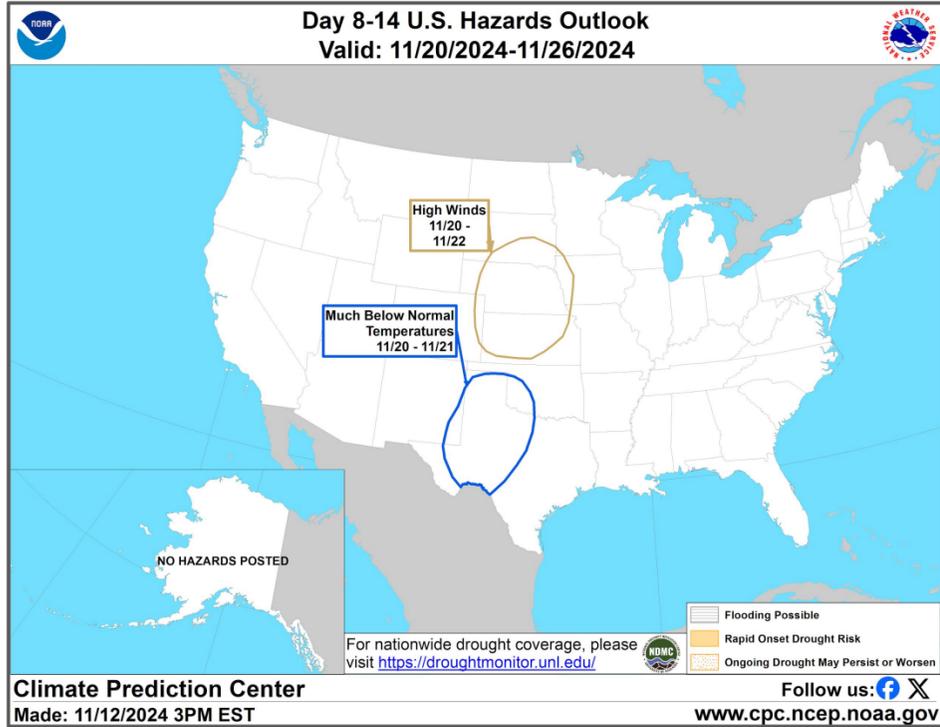
NOTE: These outlooks are issued in the afternoon and only issued on weekdays. Because of that and the fact that these slides are issued in the mornings:

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:

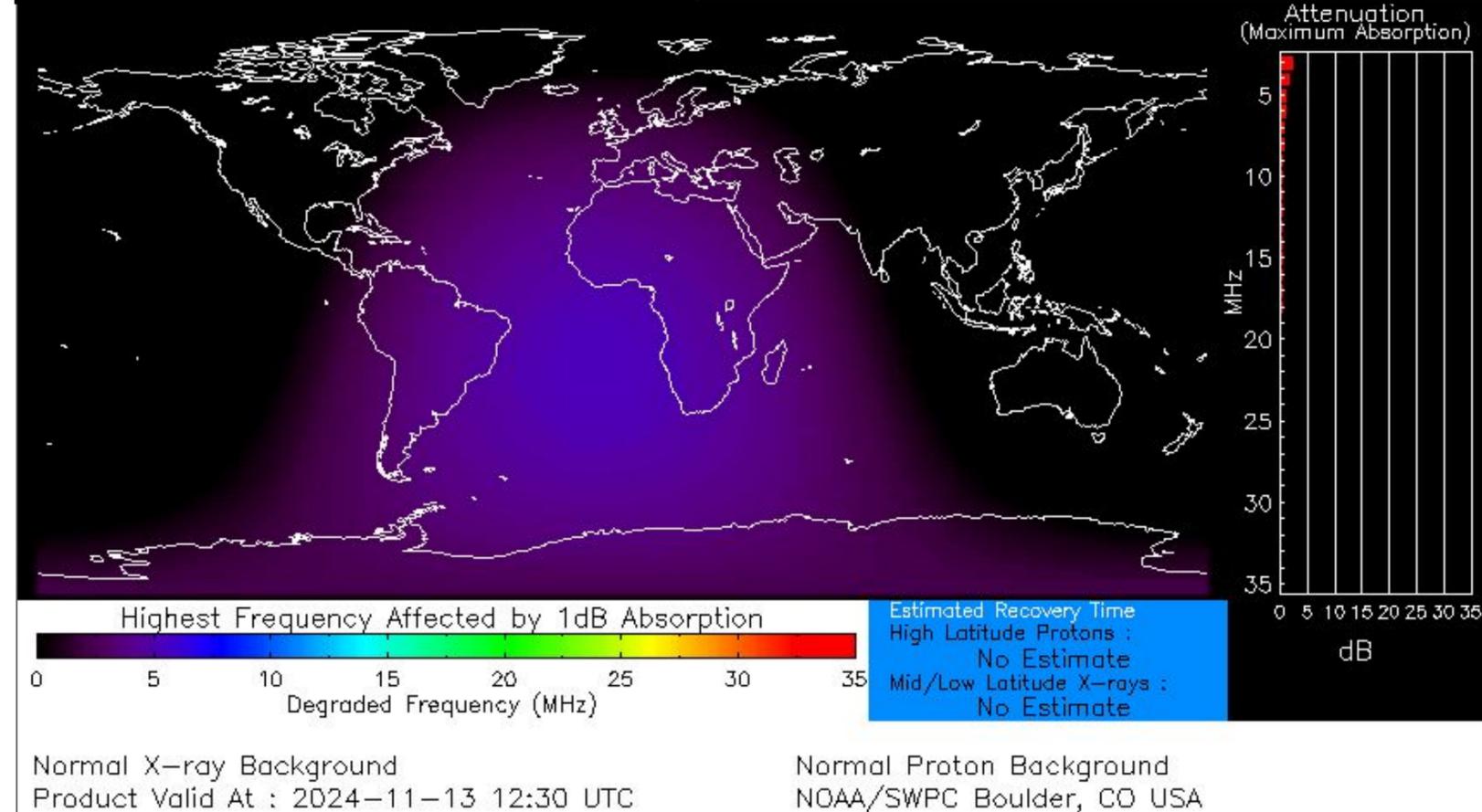
1. The “day 8-14” will really be days 7-13
2. This slide will be hidden on Mondays and Sundays so the data/information is not too old

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



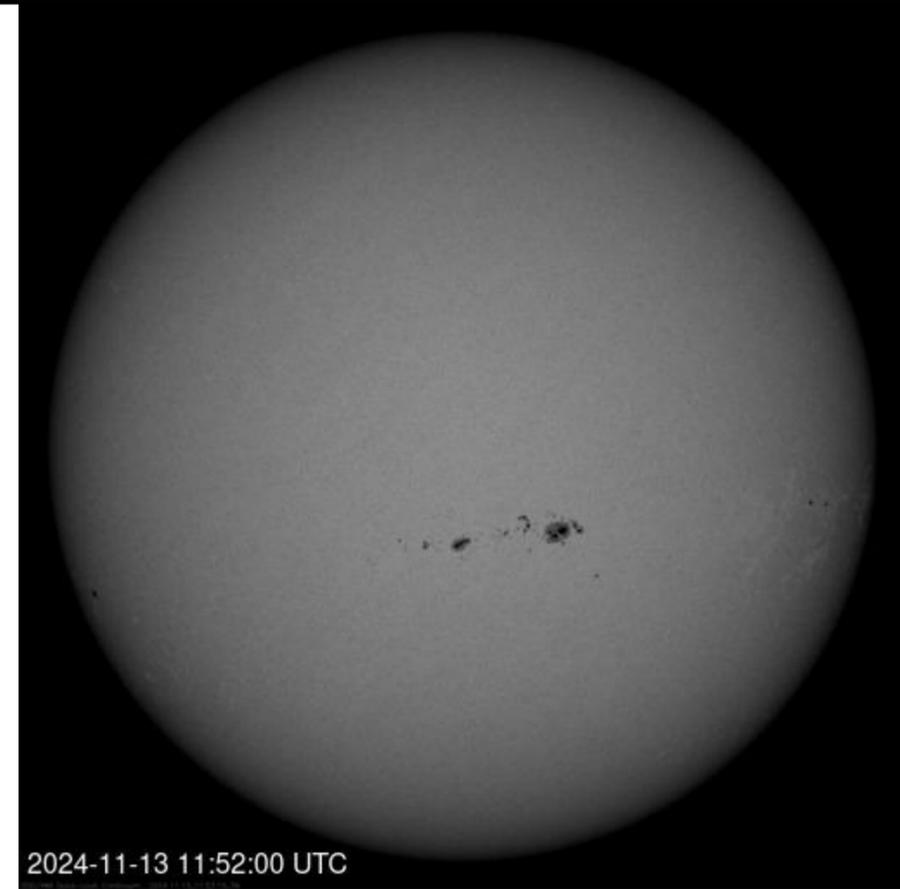
Space Weather 3-Day Forecast

	Wednesday, Nov 13	Thursday, Nov 14	Friday, Nov 15
Geomagnetic Storms	Active (Max Kp = 4)	Active (Max Kp = 4)	Unsettled (Max Kp = 3)
Solar Radiation Storm (S1-S5)	15%	15%	15%
Radio Blackout (R1-R2)	65%	65%	65%
Radio Blackout (R3-R5)	25%	25%	25%



[Description of the Space Weather Storm Scales](#)

[Latest 3-Day Space Weather Forecast](#)



Weather "Threat" Matrix for FEMA Region VI

Color	Definition	Criteria	Example(s)
Green	<p style="text-align: center;">Little to None</p> <p>Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines</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	<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 seabreeze storms in coastal TX
Yellow	<p style="text-align: center;">Minor</p> <p>Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life</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	<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;">Moderate</p> <p>Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life</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	<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;">Major</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>	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	<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;">Extreme</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>	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	<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.roc@noaa.gov



National Weather Service

Southern Region Headquarters

Regional Operations Center

Fort Worth, TX



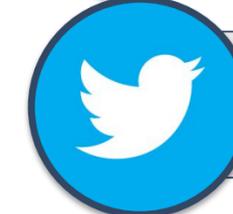
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