



# FEMA



Prepared by  
*Paul Kirkwood*

# FEMA Region 6 Weather Threat Briefing

## Monday, November 18, 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](http://www.weather.gov/srh).





# Summary

- **Slight risk (level 2 of 5) of severe storms over N-Cntl TX, S-Cntl OK today. Marginal risk (level 1 of 5) for OK, AR, E TX, LA today and for SE LA on Tuesday.**
- **Slight risk (level 2 of 4) for excessive rainfall leading to flash flooding across SE LA today and Far SE LA Tuesday.**
- **Minor river flooding over LA through the week.**





# FEMA Region 6 Threat Matrix

Next 5 Days

	Monday, Nov 18	Tuesday, Nov 19	Wednesday, Nov 20	Thursday, Nov 21	Friday, Nov 22
Severe Storms	N-Cntl TX, S-Cntl OK OK, AR, ETX, LA	SE LA			
Heavy Rain / Flash Flooding	SE LA	Far SE LA			
Fire Weather					
Tropical					
Winter Weather					
River Flooding	LA	LA	LA	LA	LA

***\*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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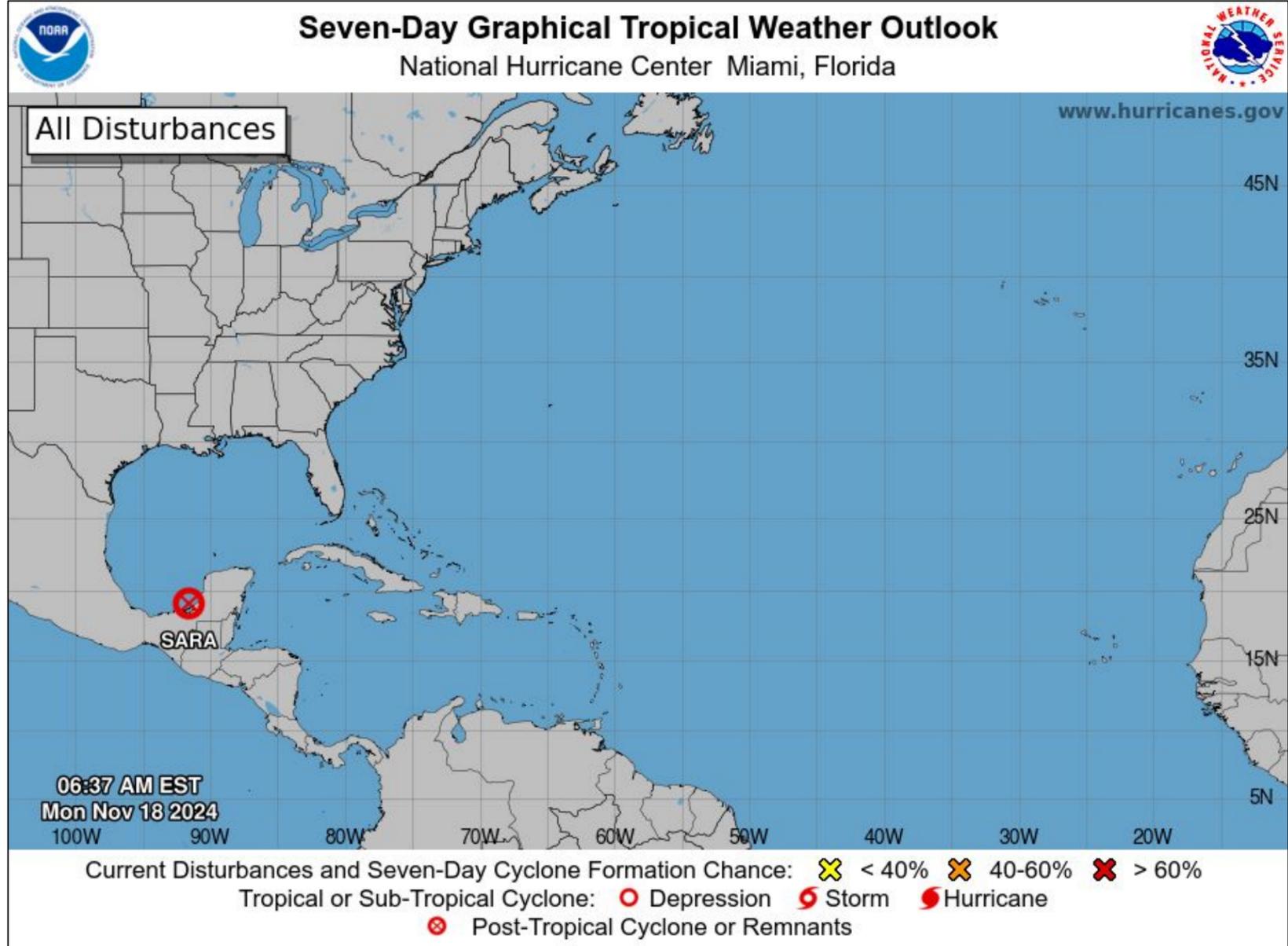
# Tropical Weather Outlook – Atlantic/Gulf

## Areas of Possible Development

Area	Chance of Development	Potential Impacts to FEMA 6

## Active Tropical Cyclones

Storm	Potential Impacts to FEMA 6

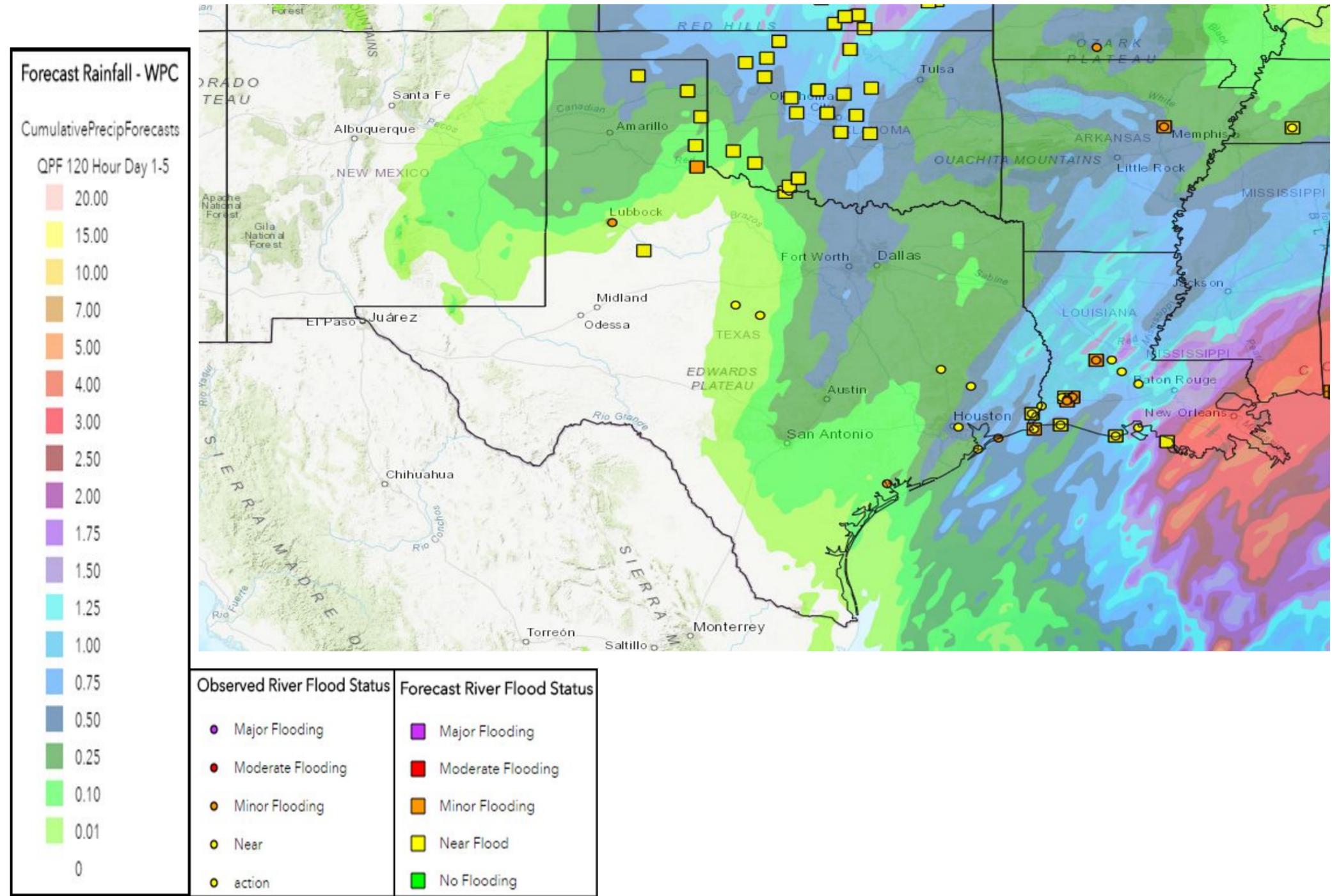


See <http://www.hurricanes.gov> for the latest on the tropics or any active storms



# 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



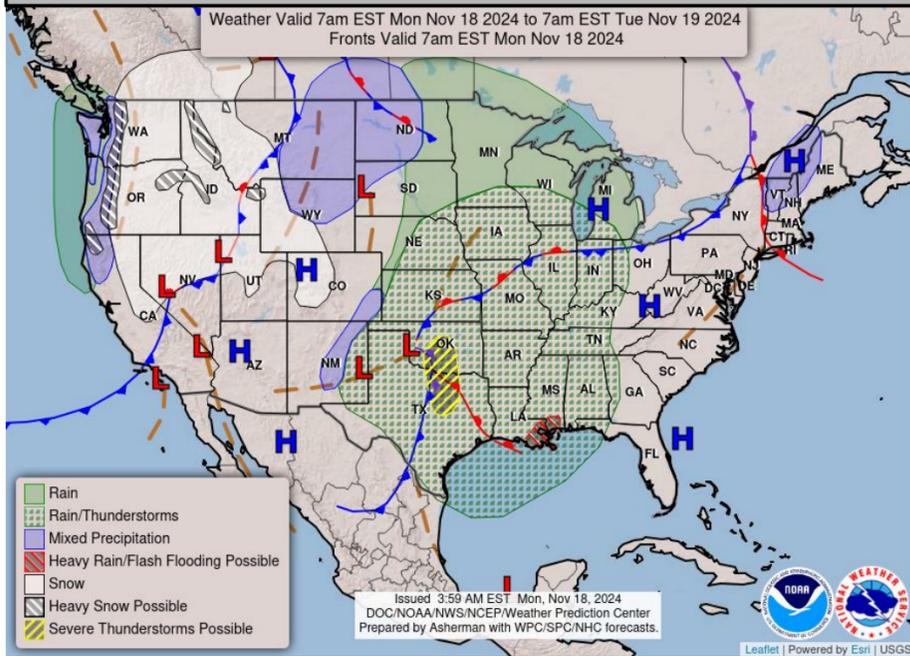
**Minor river flooding in LA, affecting secondary roads near the Calcasieu River.**

**Minor river flooding over AR ends Wednesday. Mainly agricultural impacts.**

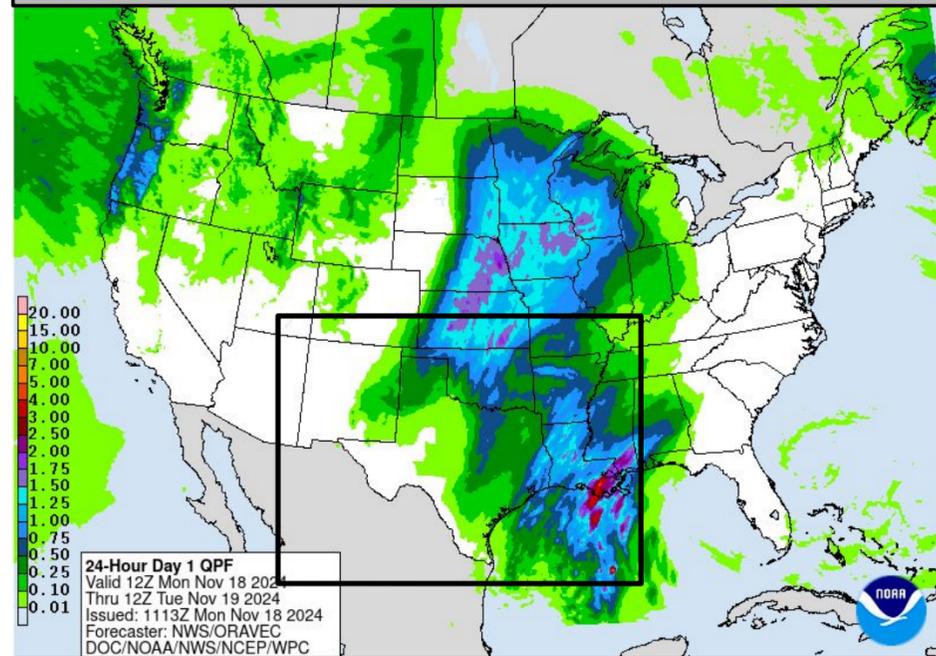


# Today's Weather

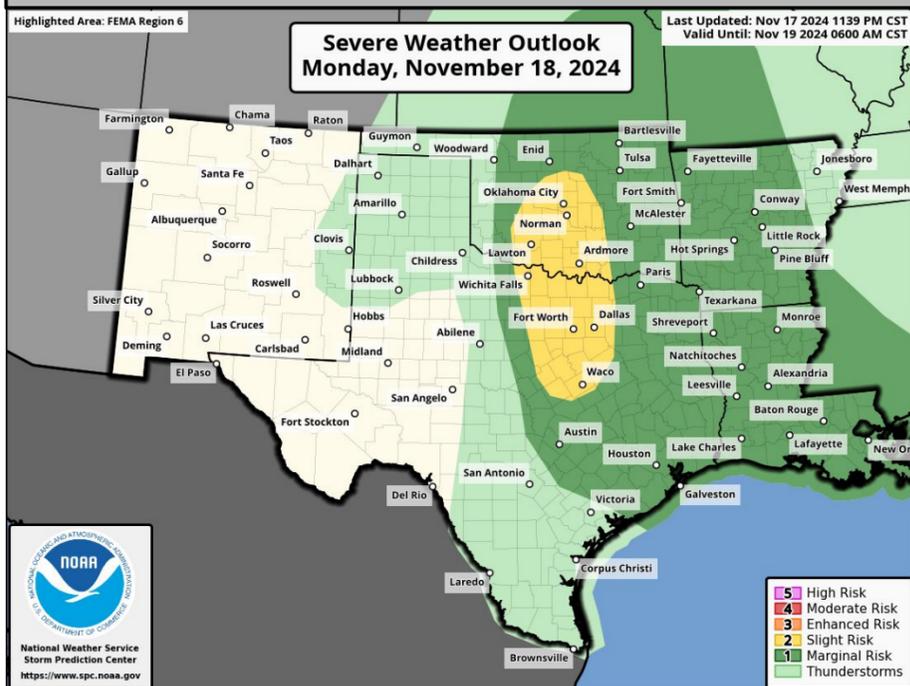
## Forecast Chart



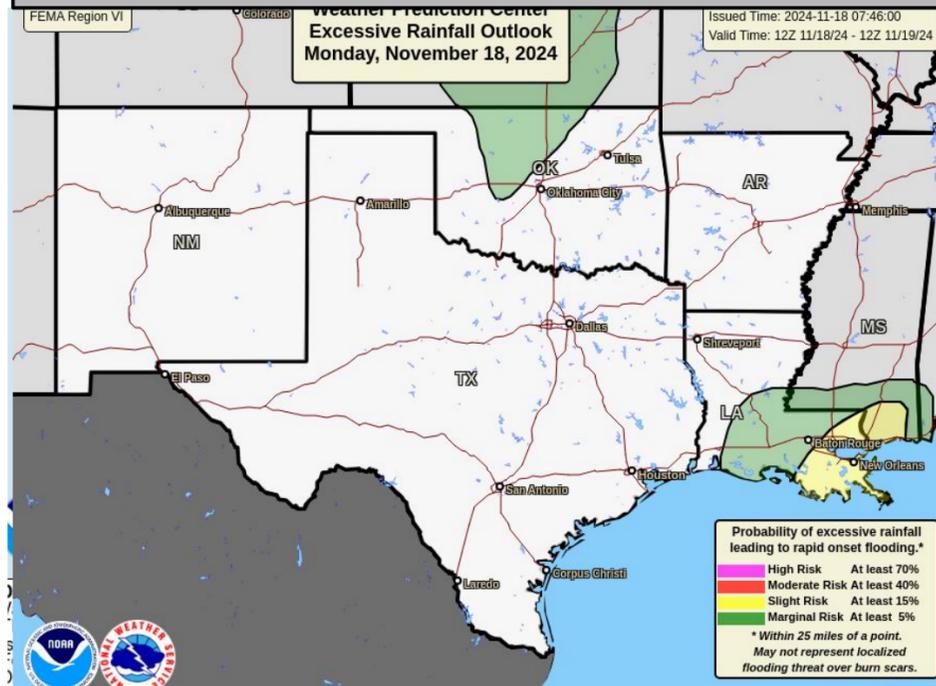
## Forecast Rainfall



## Severe Weather Outlook



## Excessive Rainfall Outlook



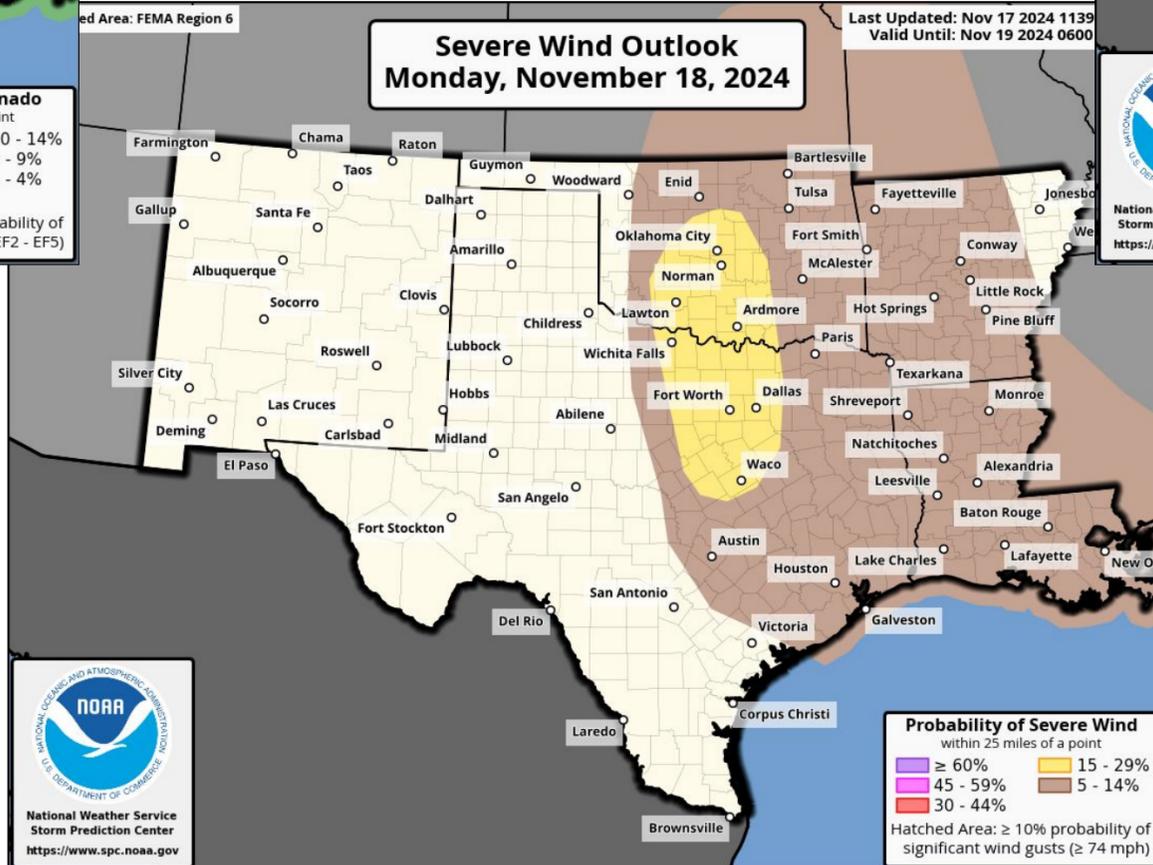
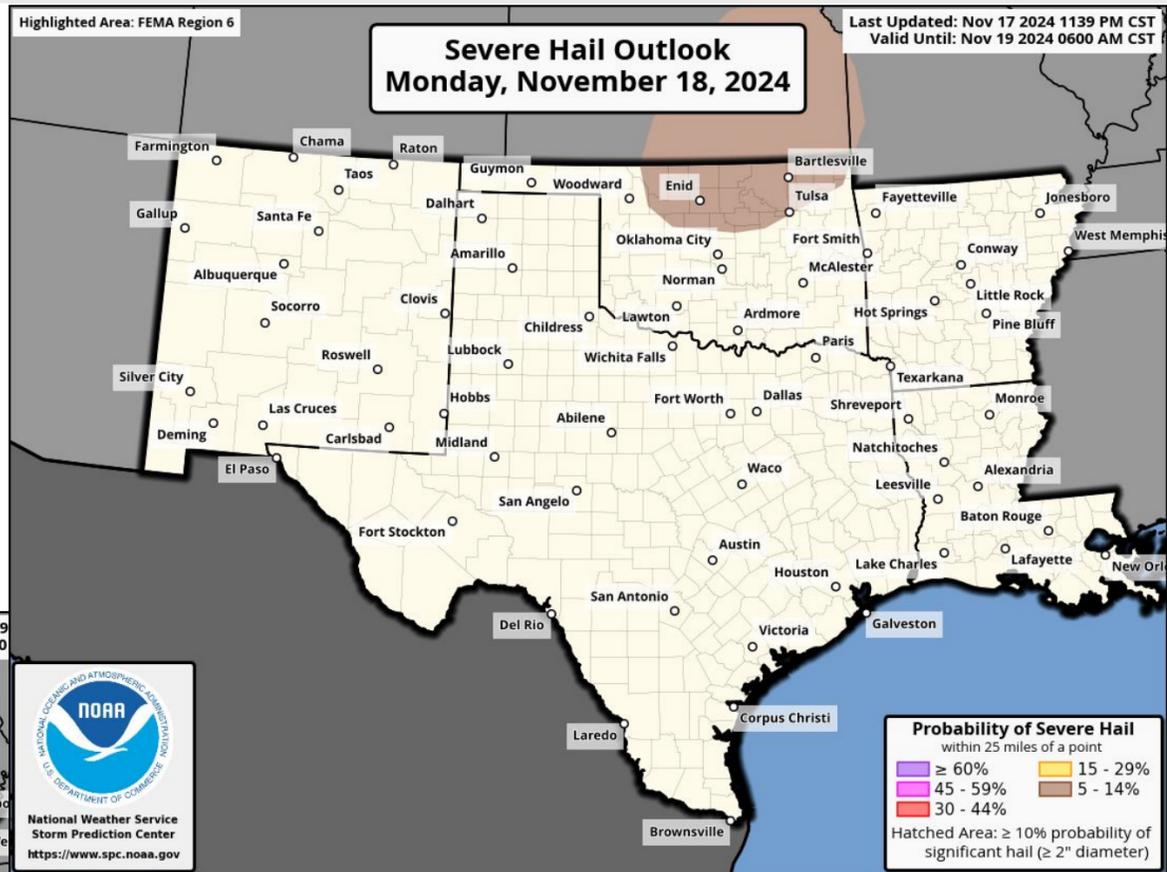
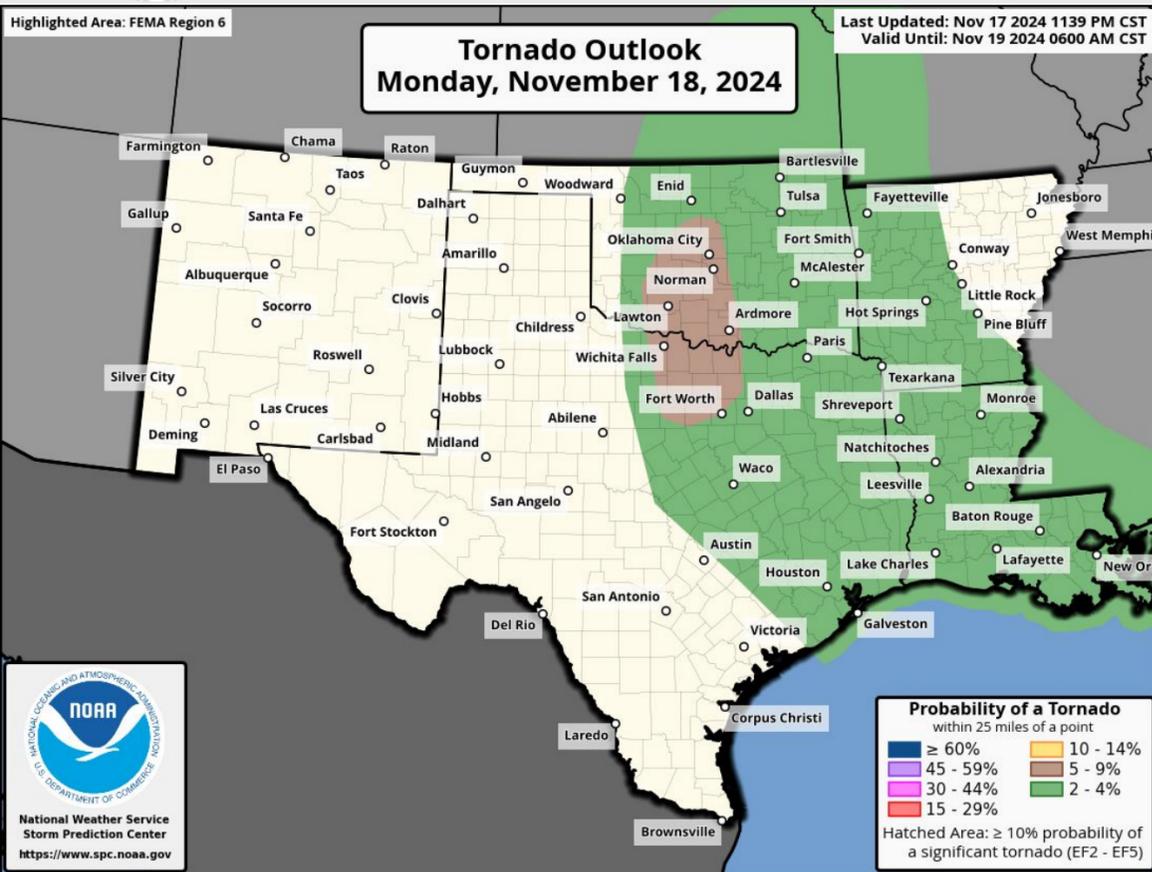
**Slight risk for severe storms over N-Cntl TX, S-Cntl OK. Timing: continuing from overnight through the day and into tonight.**

**Slight risk for excessive rainfall across SE LA.**

**Marginal risk for severe storms over OK, AR, E TX, LA.**



# Today's Tornado & Severe Wind / Hail Probabilities

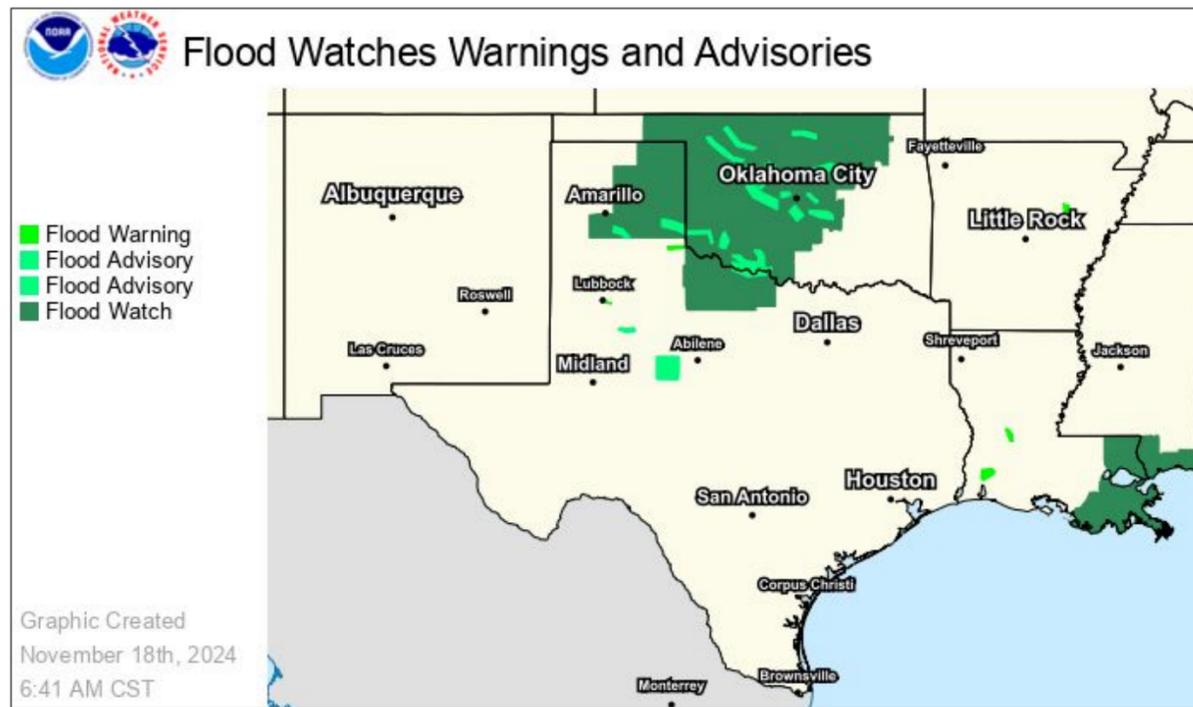
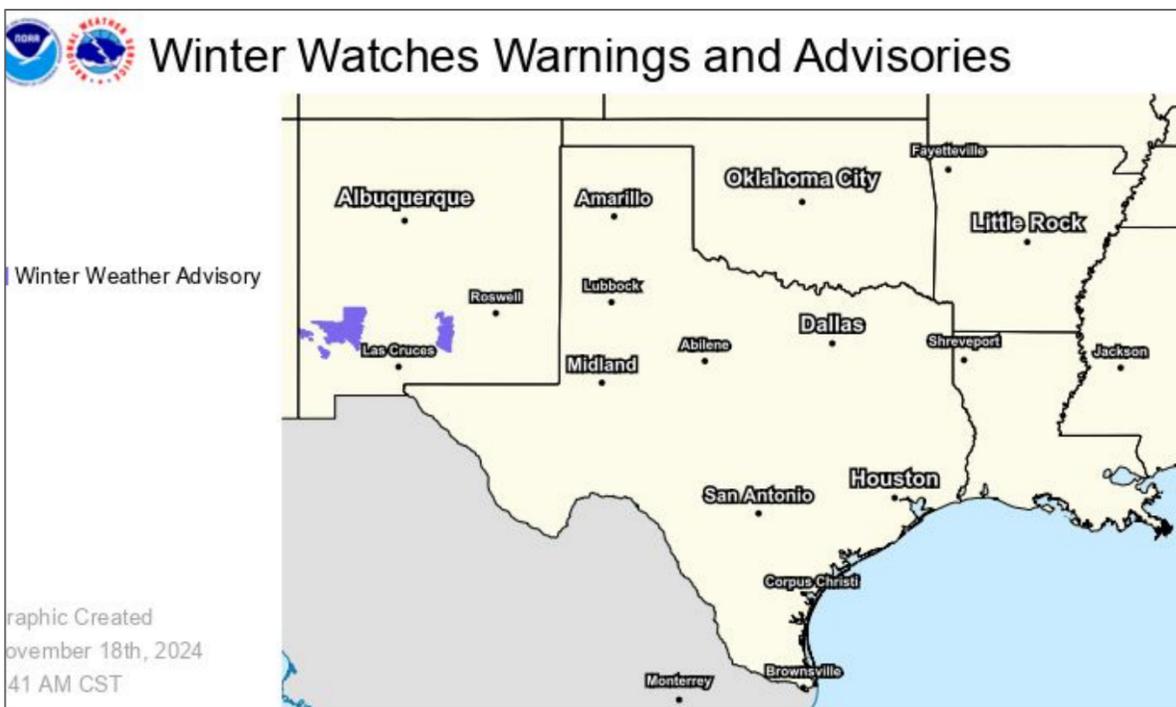
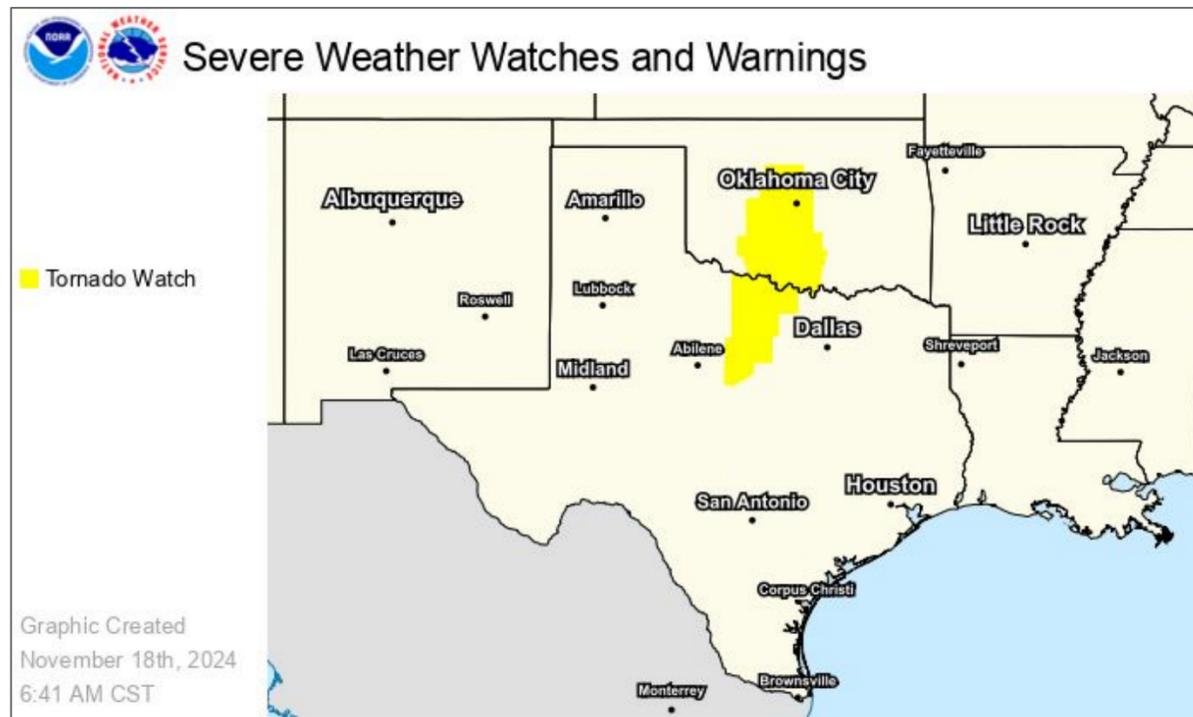




# Watches, Warnings, and Advisories

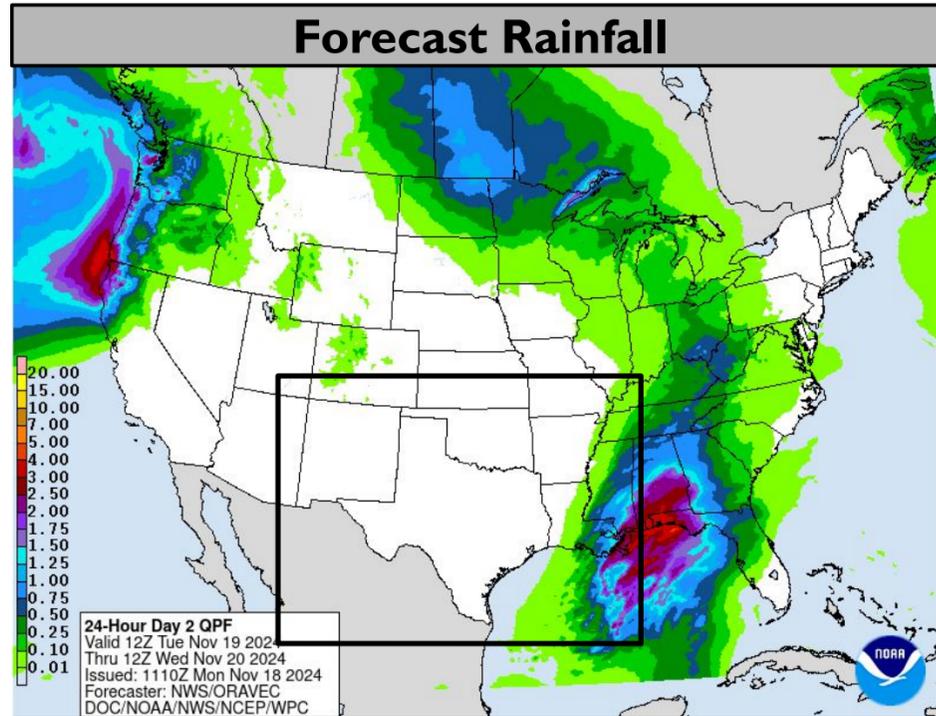
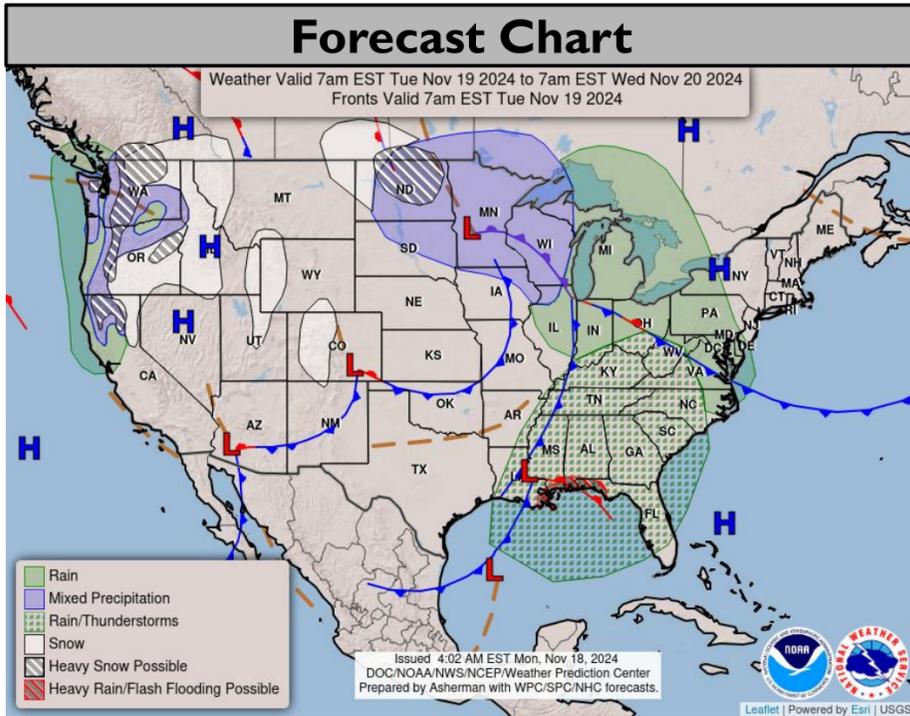
## Wind, Severe, Winter, and Flood Hazards

**Flood watch through this afternoon for NW/Panhandle TX, OK.**



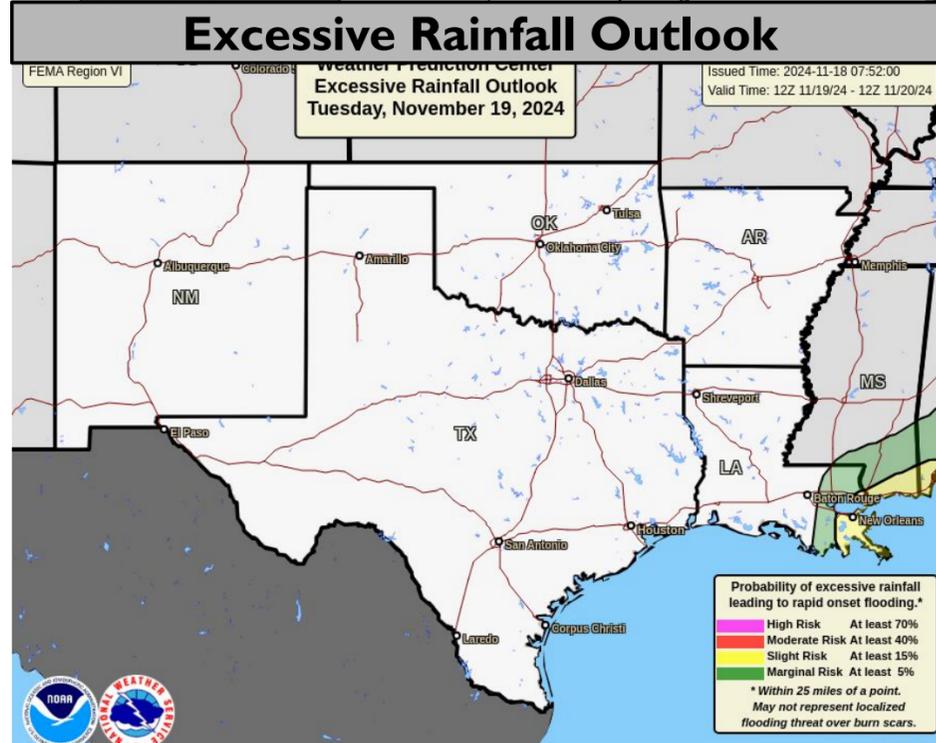
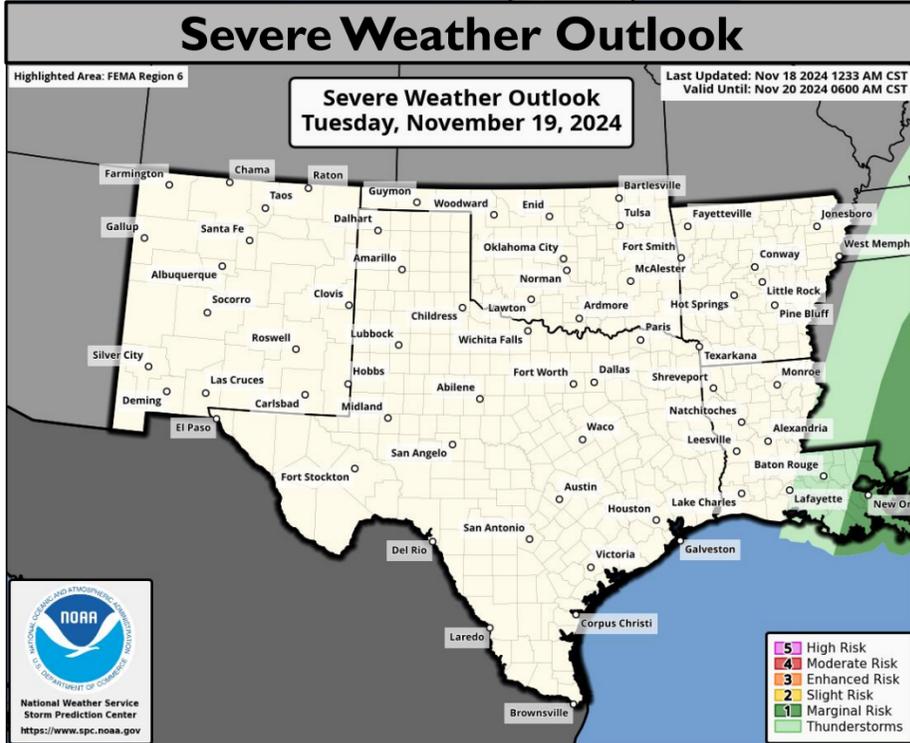


# Tomorrow's Weather



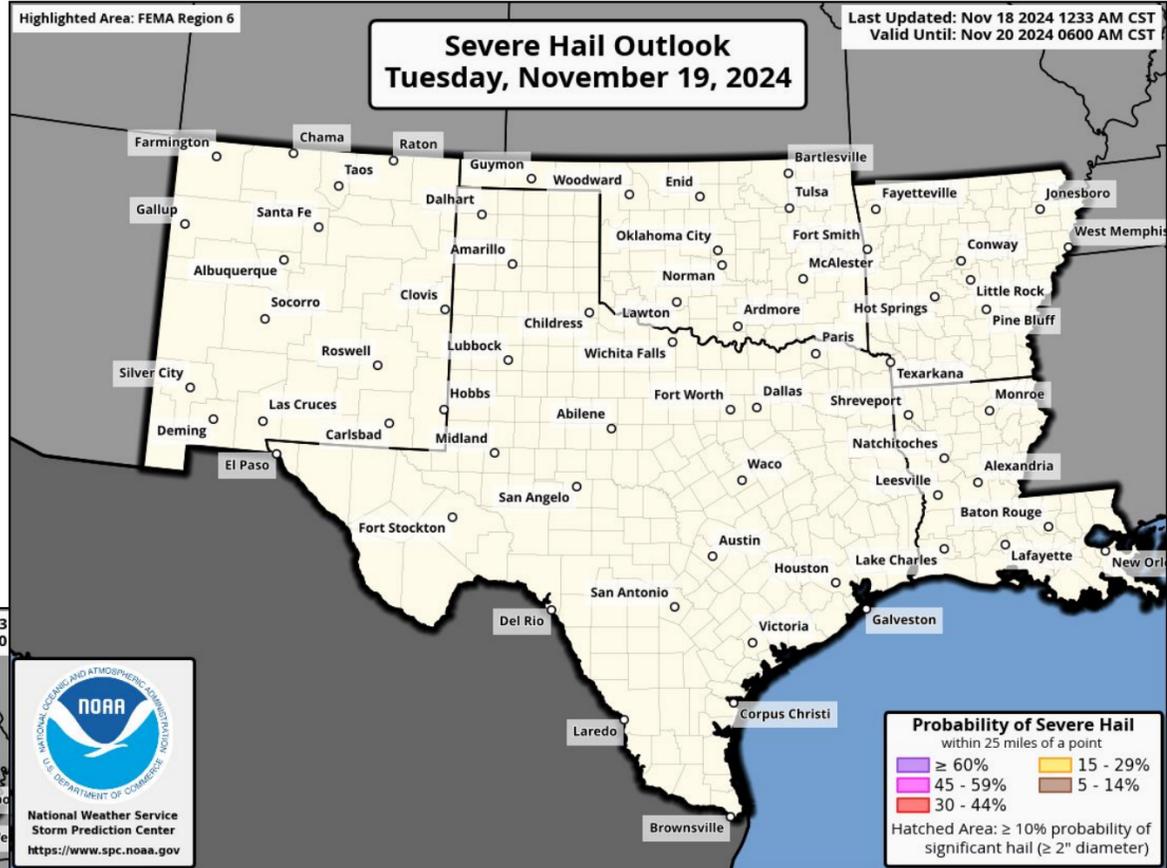
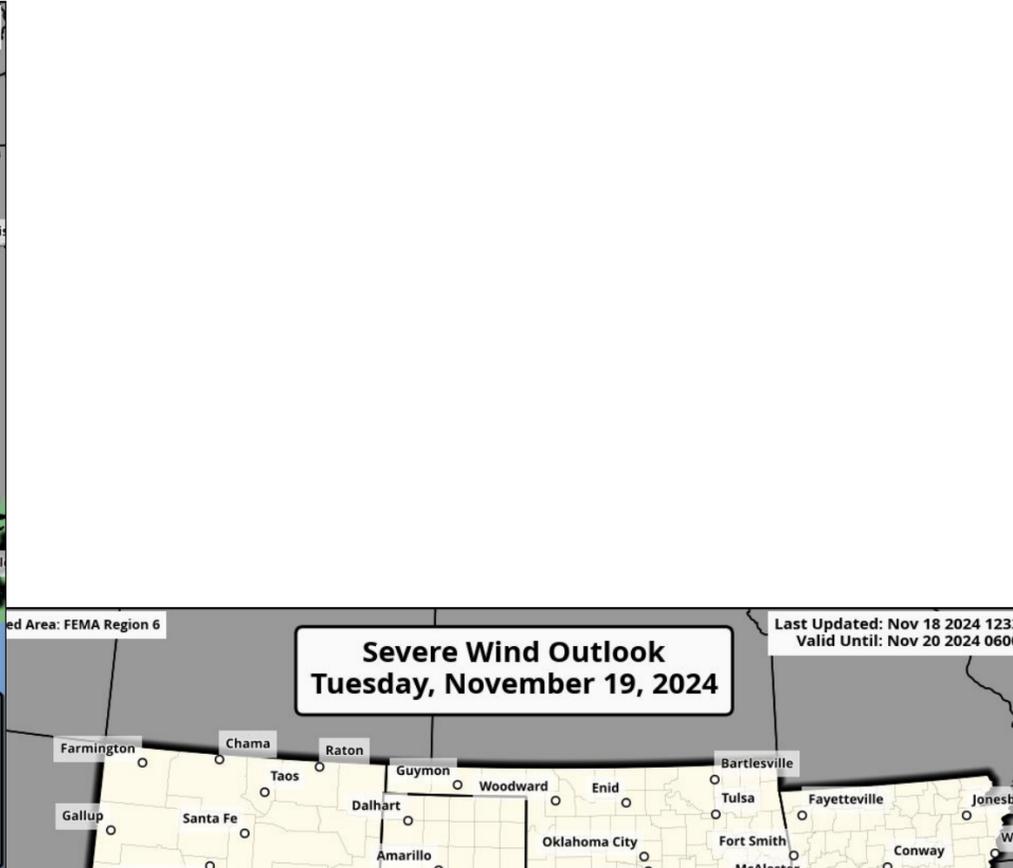
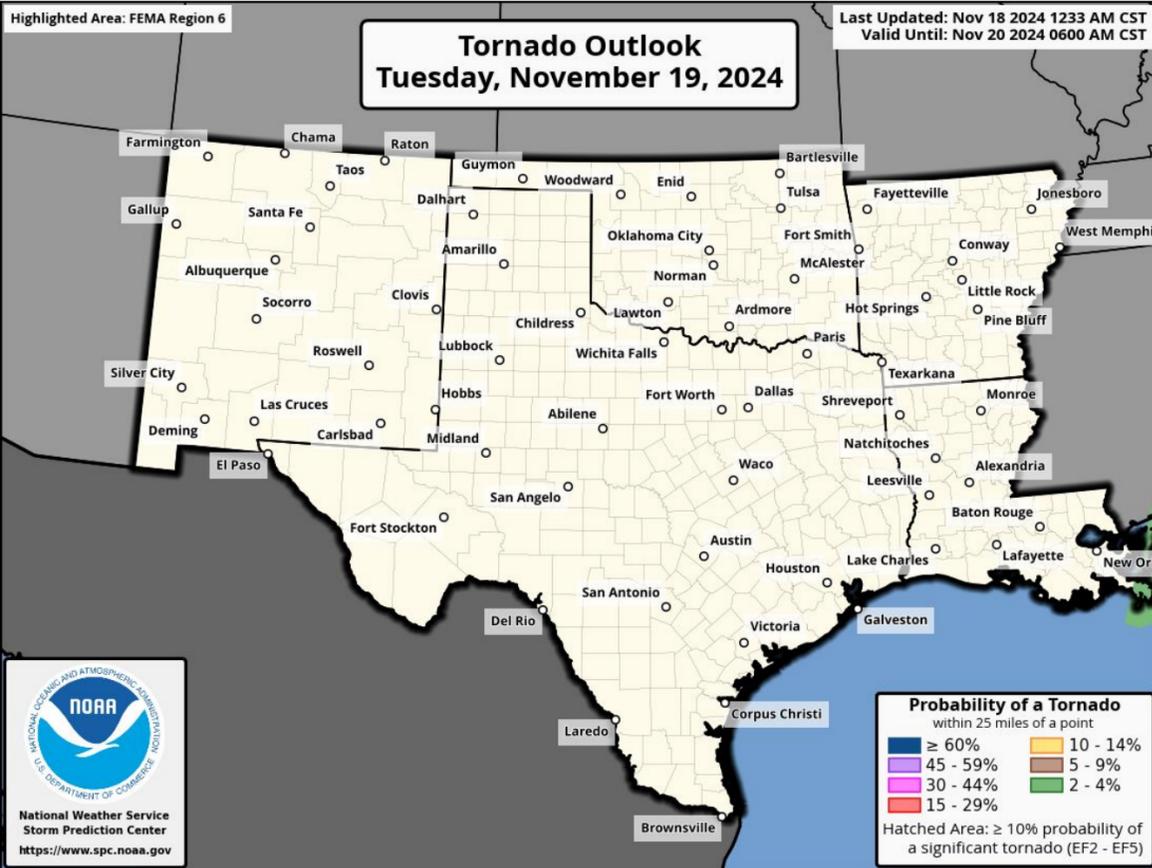
**Marginal to slight risk for heavy rainfall in Far SE LA.**

**Marginal risk for severe storms in SE LA.**



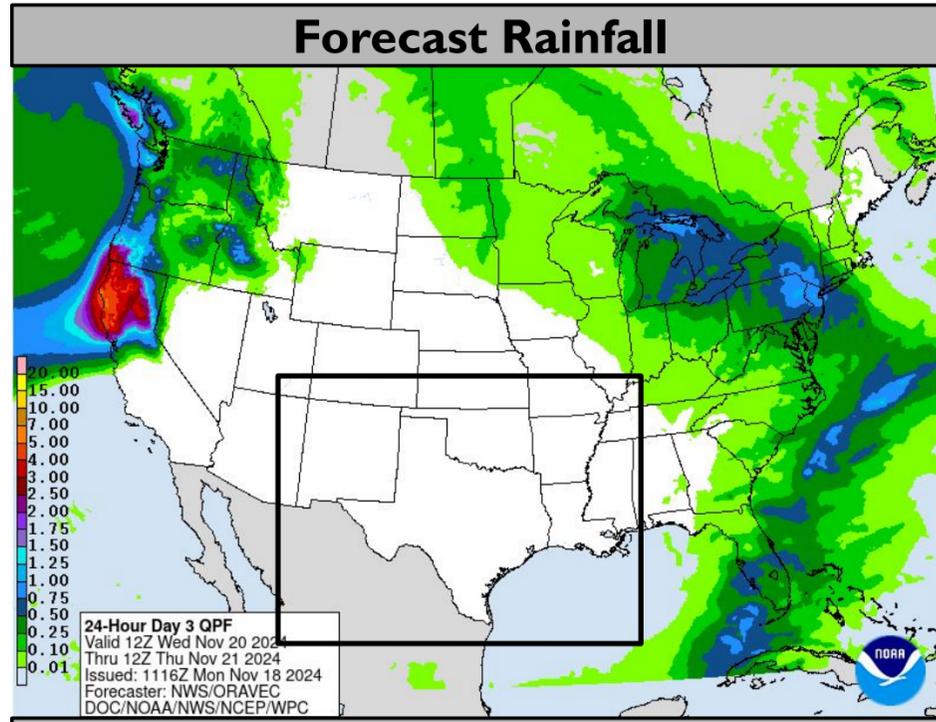
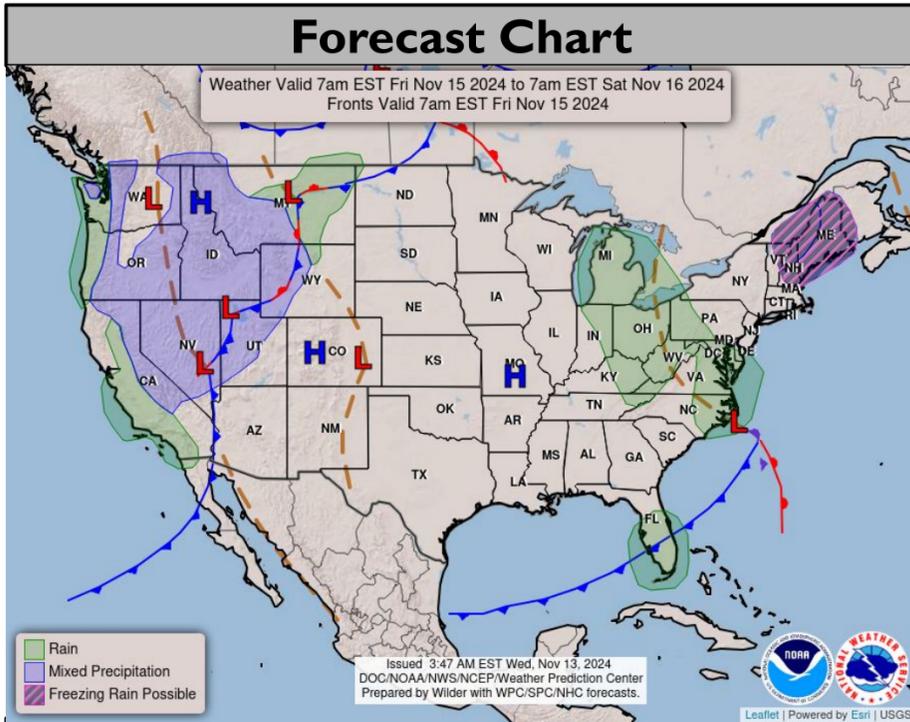


# Tomorrow's Tornado & Severe Wind / Hail Probabilities

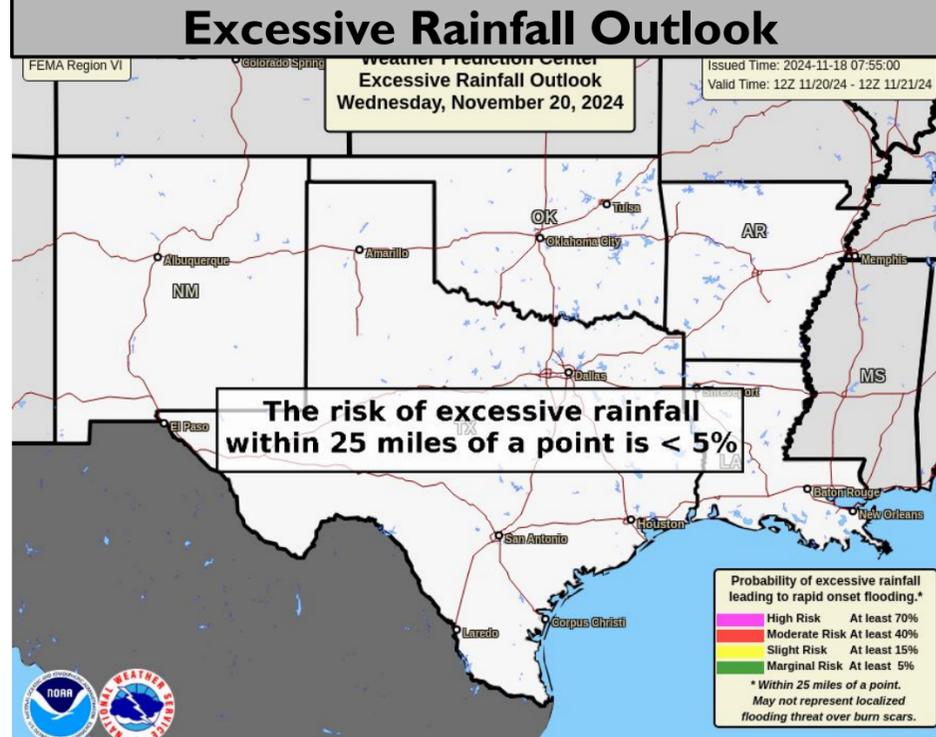
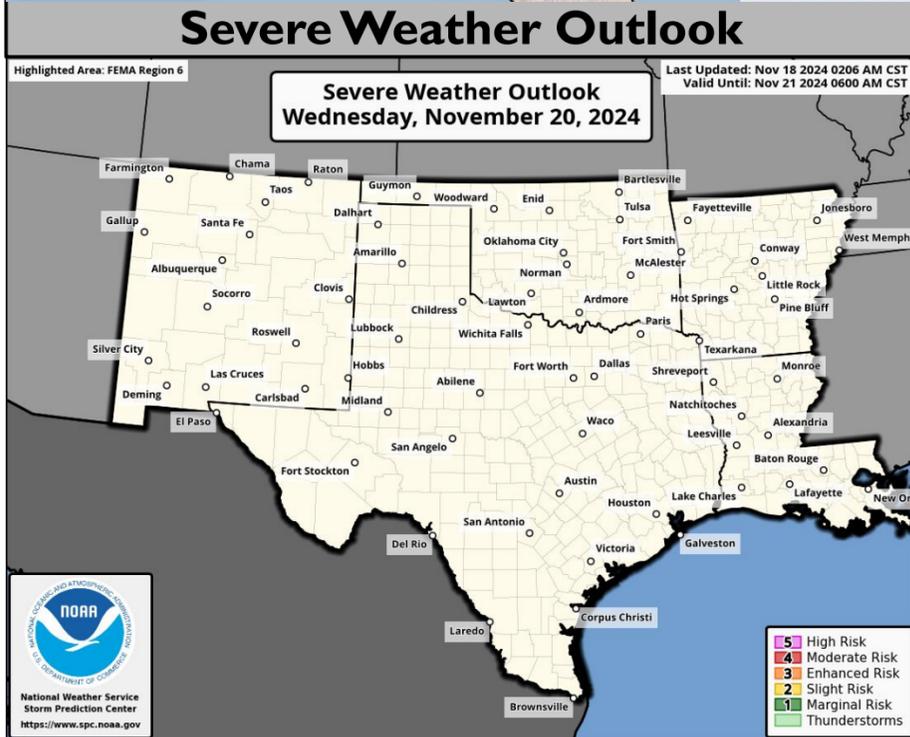




# Wednesday's Weather



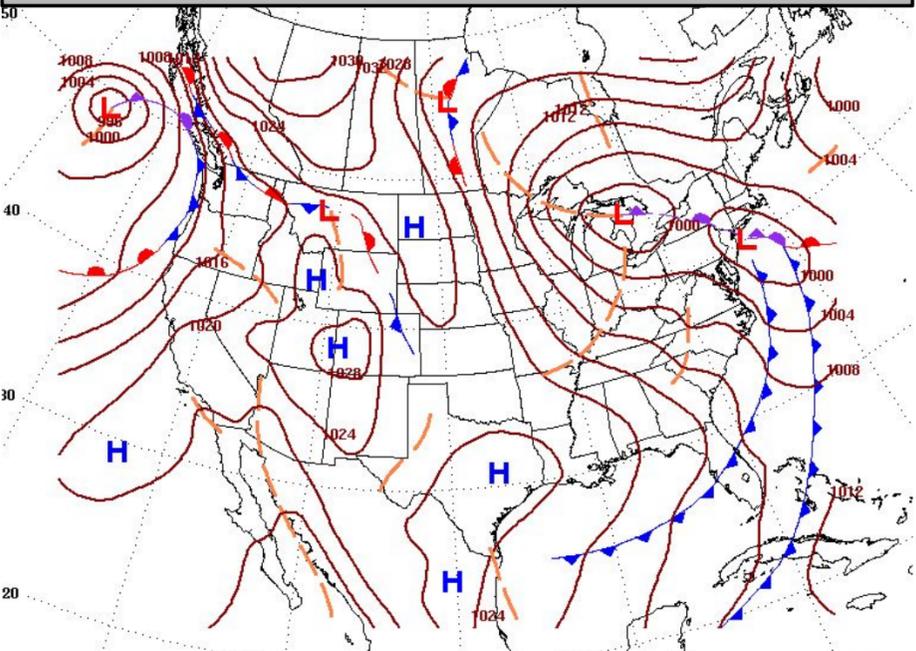
No significant weather expected.



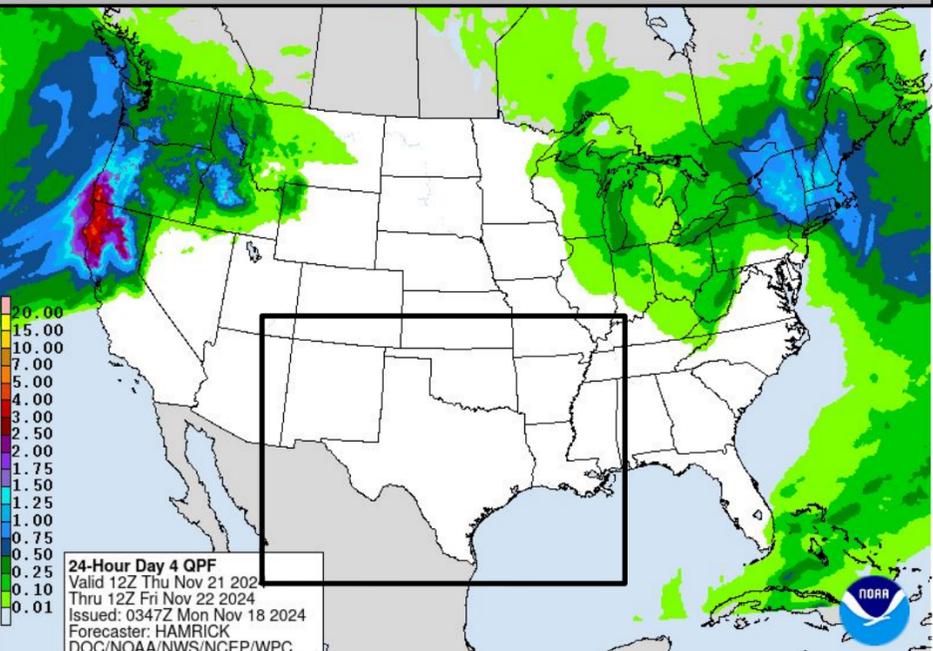


# Thursday's Weather

### Forecast Chart

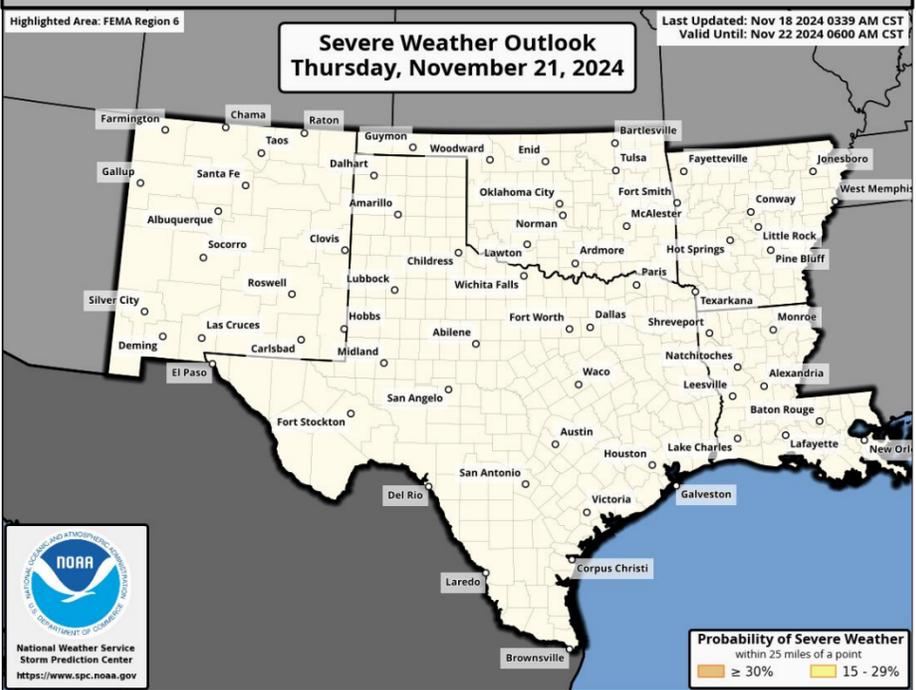


### Forecast Rainfall

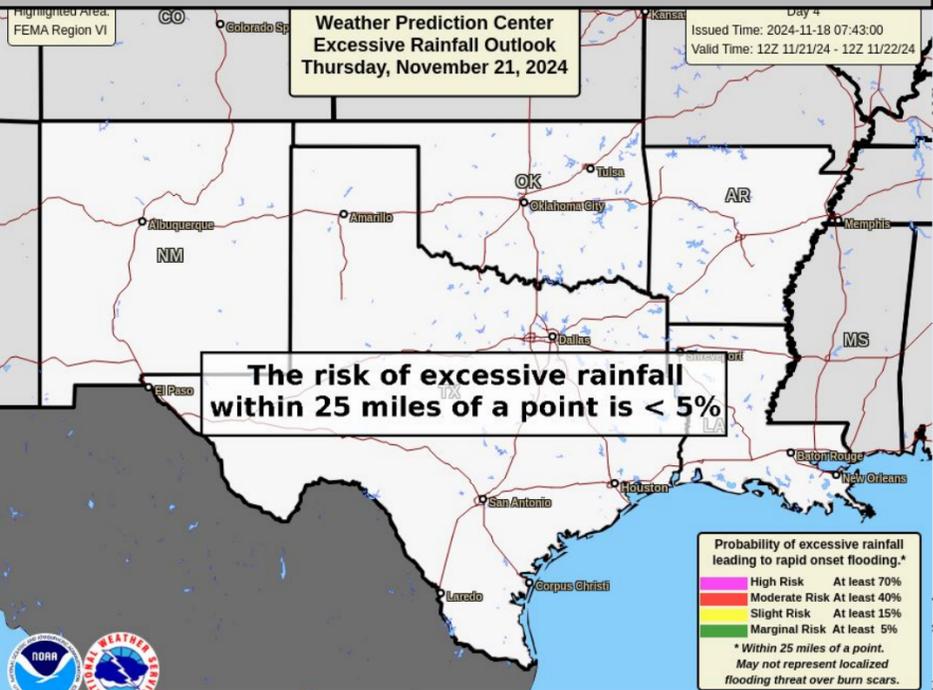


**No significant weather expected.**

### Severe Weather Outlook



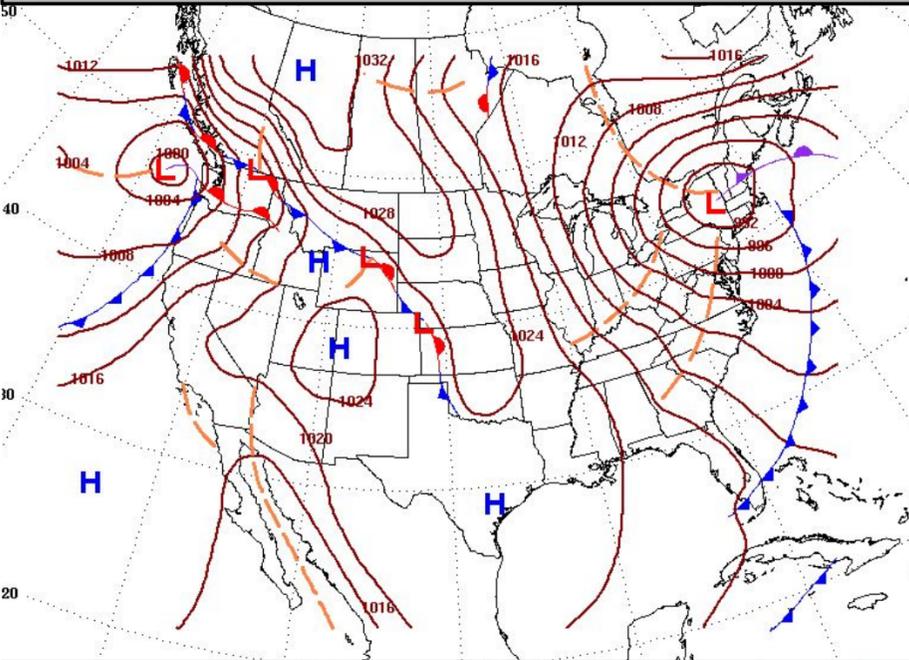
### Excessive Rainfall Outlook



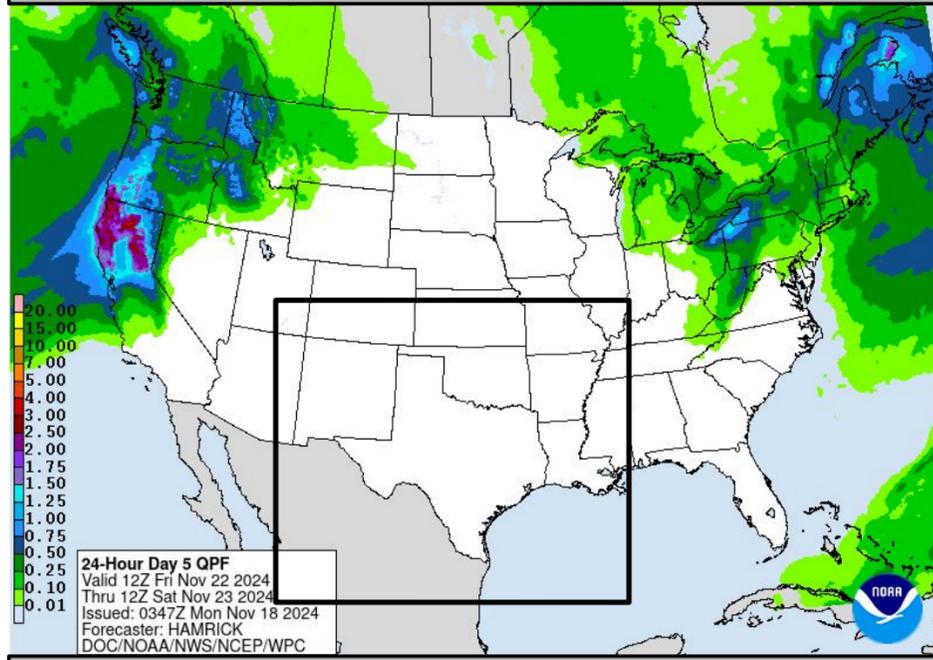


# Friday's Weather

### Forecast Chart

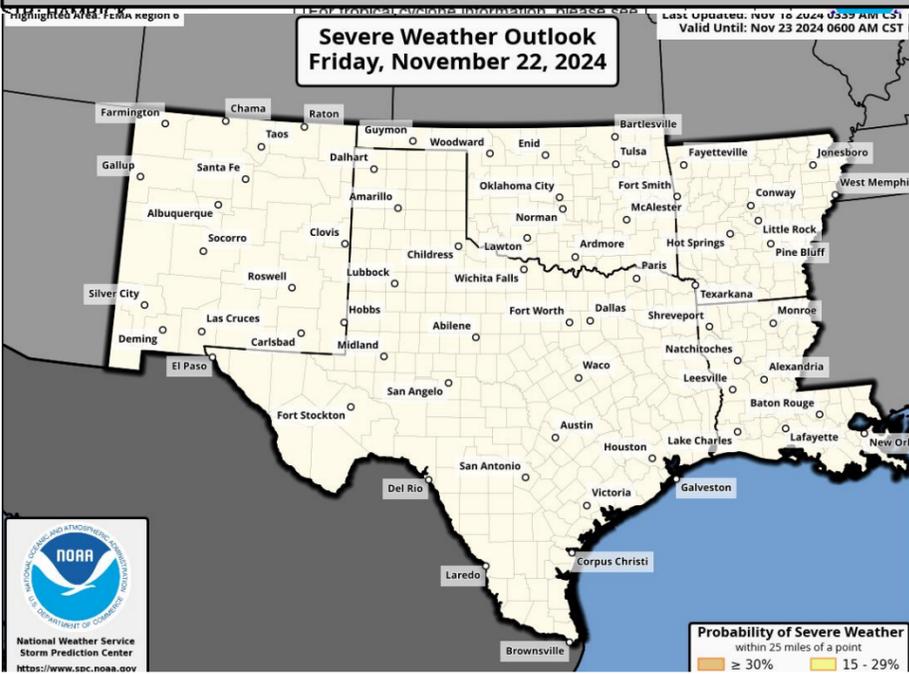


### Forecast Rainfall

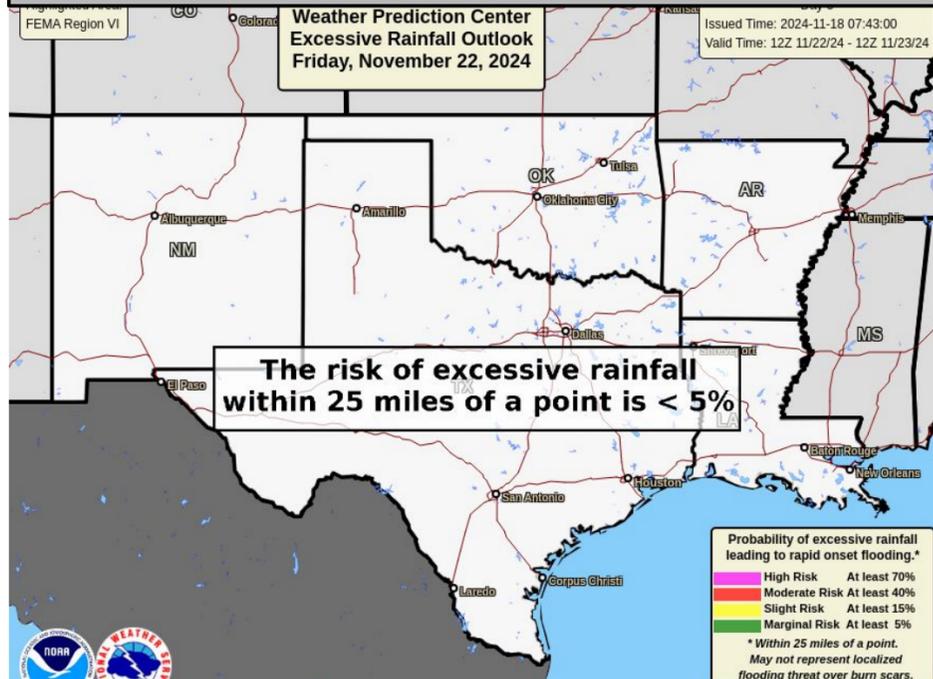


**No significant weather expected.**

### Severe Weather Outlook



### Excessive Rainfall Outlook

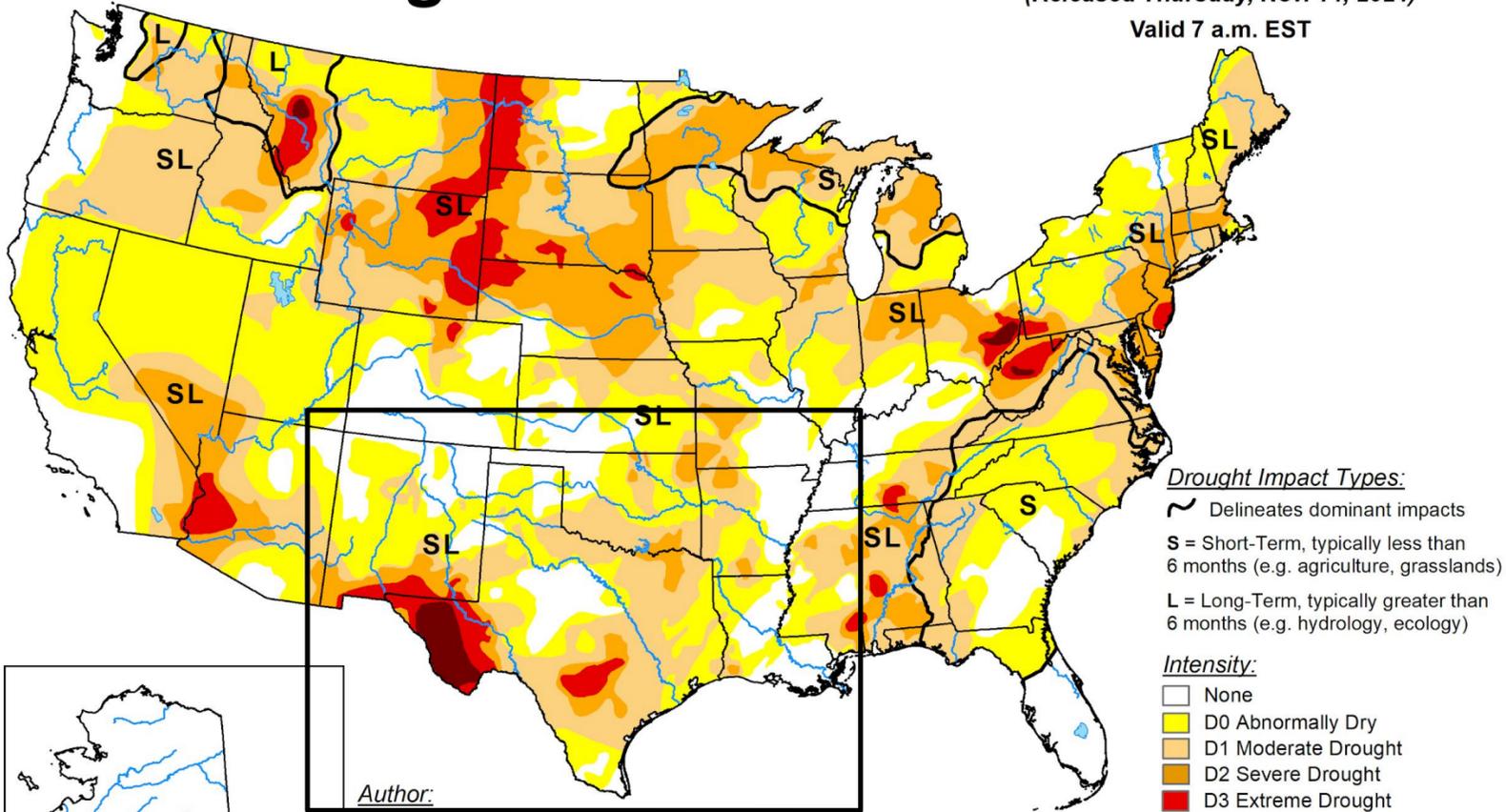




# Drought Monitor

## U.S. Drought Monitor

November 12, 2024  
(Released Thursday, Nov. 14, 2024)  
Valid 7 a.m. EST



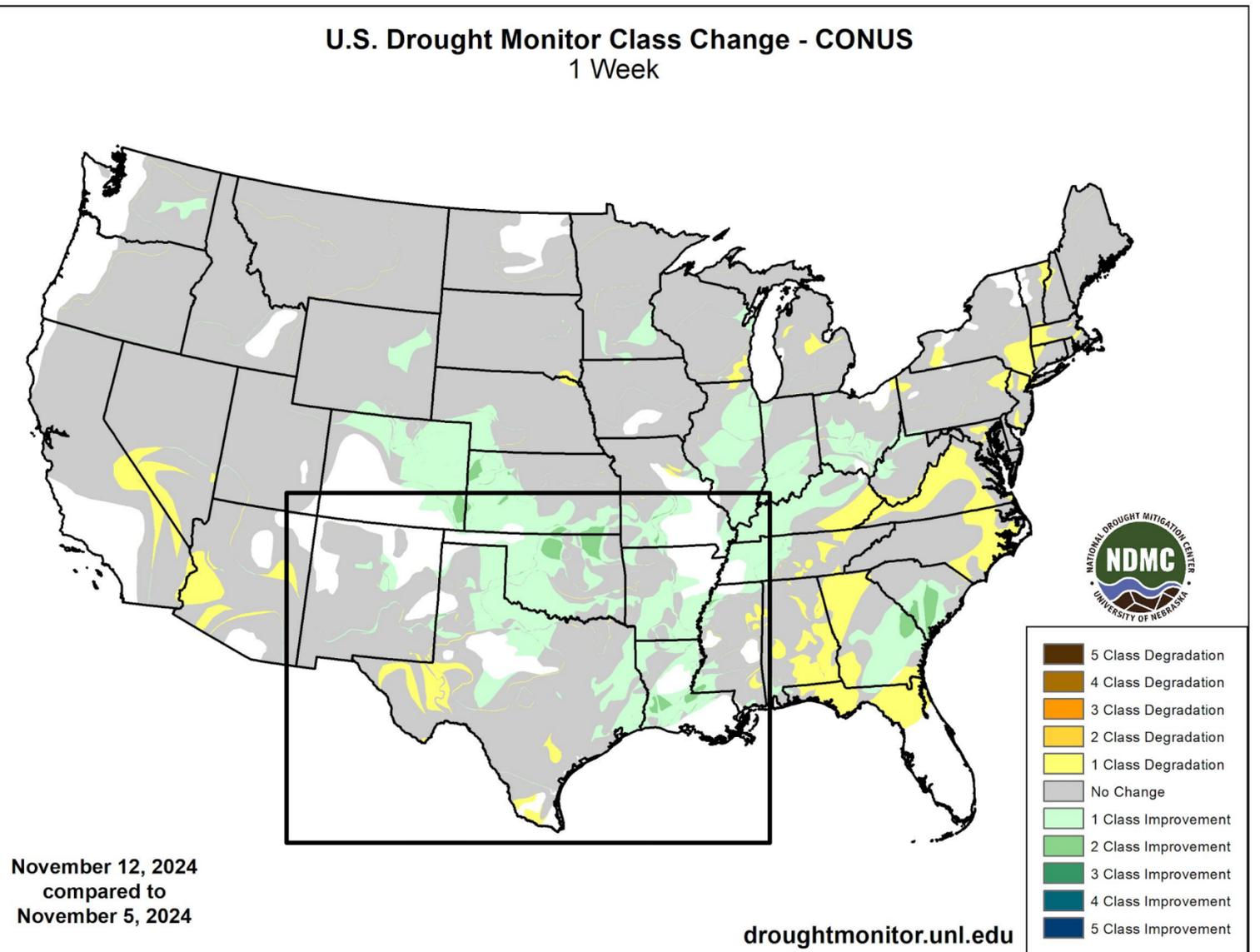
Author:  
Richard Tinker  
CPC/NOAA/NWS/NCEP

The Drought Monitor focuses on broad-scale conditions.  
Local conditions may vary. For more information on the  
Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>



[droughtmonitor.unl.edu](https://droughtmonitor.unl.edu)

## U.S. Drought Monitor Class Change - CONUS 1 Week



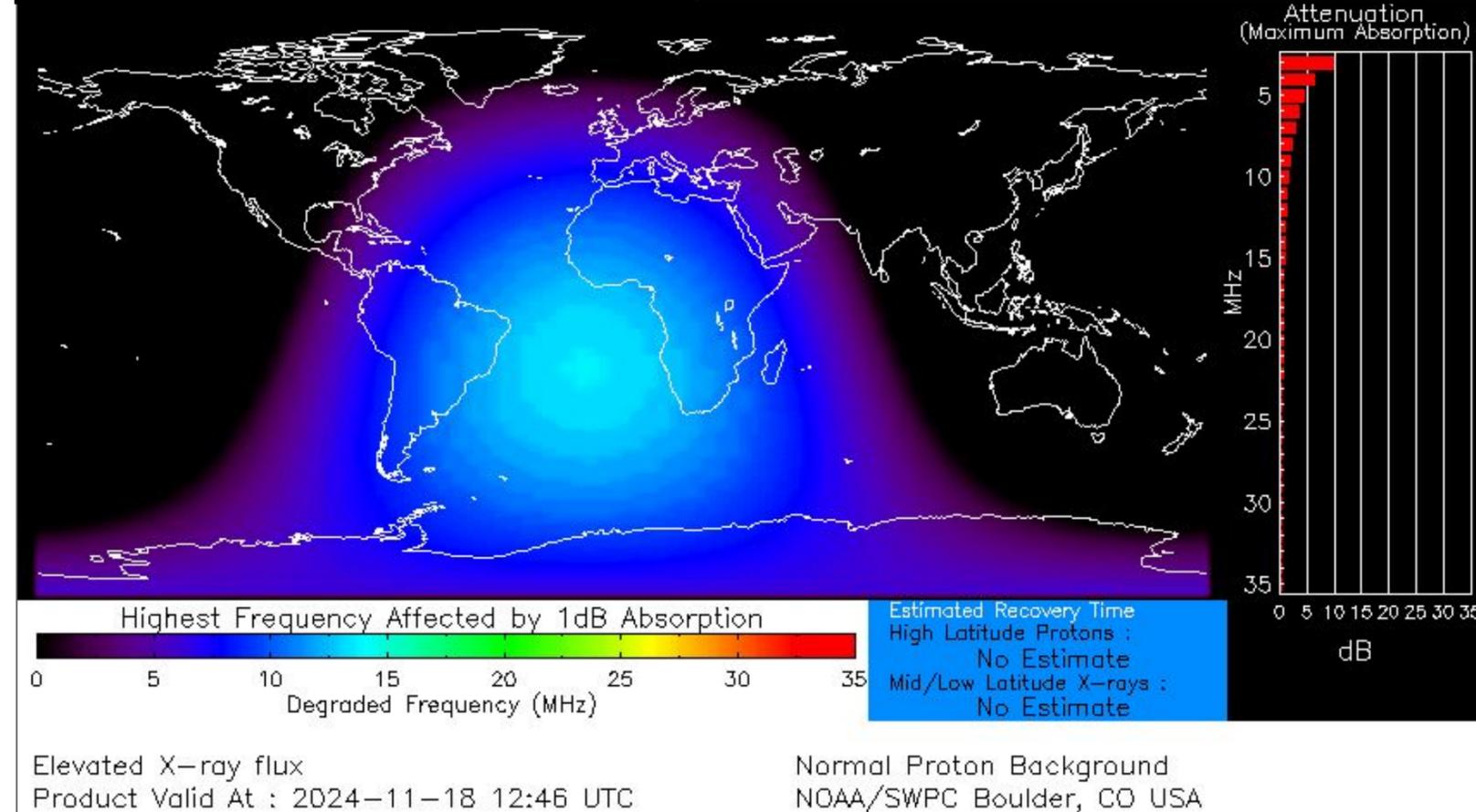
November 12, 2024  
compared to  
November 5, 2024

[droughtmonitor.unl.edu](https://droughtmonitor.unl.edu)



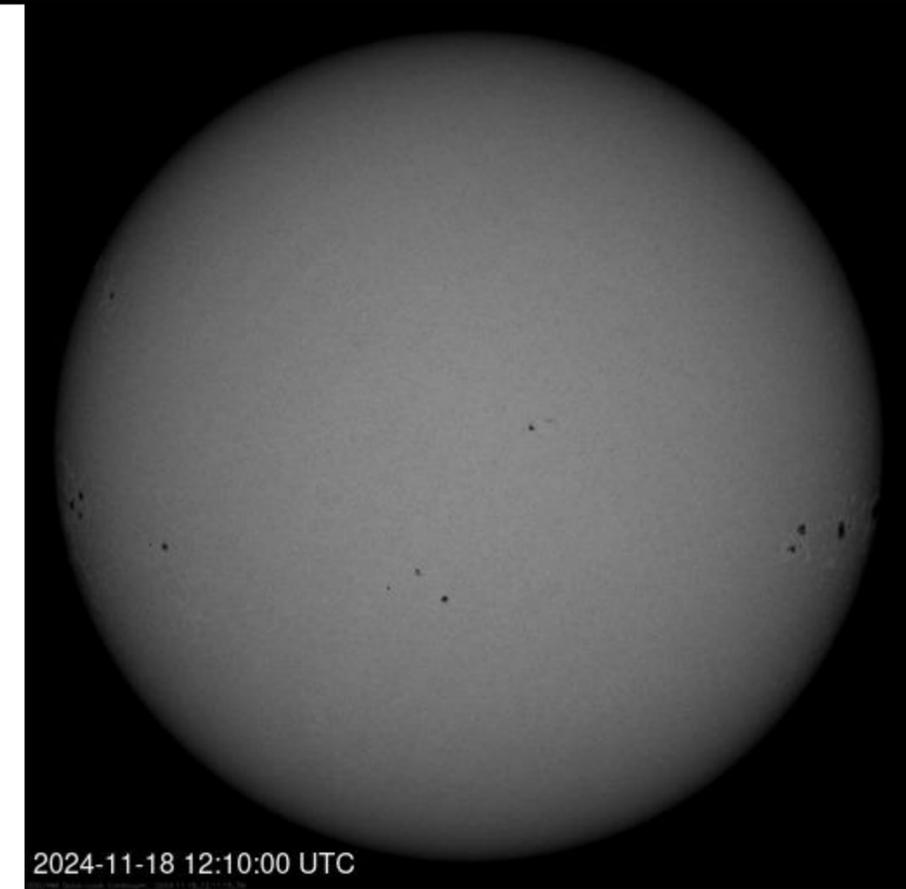
# Space Weather 3-Day Forecast

	Monday, Nov 18	Tuesday, Nov 19	Wednesday, Nov 20
<b>Geomagnetic Storms</b>	<b>Active (Max Kp = 4)</b>	<b>Unsettled (Max Kp = 3)</b>	<b>Unsettled (Max Kp = 3)</b>
<b>Solar Radiation Storm (S1-S5)</b>	<b>10%</b>	<b>10%</b>	<b>10%</b>
<b>Radio Blackout (R1-R2)</b>	<b>45%</b>	<b>45%</b>	<b>45%</b>
<b>Radio Blackout (R3-R5)</b>	<b>10%</b>	<b>10%</b>	<b>10%</b>



[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;"><b>Little to None</b></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"> <li>Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees</li> <li>Something that happens almost every day in a particular season such as seabreeze storms in coastal TX</li> </ul>
Yellow	<p style="text-align: center;"><b>Minor</b></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"> <li>2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible</li> <li>Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail</li> </ul>
Orange	<p style="text-align: center;"><b>Moderate</b></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"> <li>A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely</li> <li>Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail</li> <li>Some large fires reported, burn bans advertised, critical conditions expected</li> </ul>
Red	<p style="text-align: center;"><b>Major</b></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"> <li>A Category 1 hurricane will be moving towards the NW Gulf in the next few days</li> <li>Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail</li> <li>Large fires ongoing throughout the area with critical fire weather conditions expected to continue</li> </ul>
Purple	<p style="text-align: center;"><b>Extreme</b></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"> <li>A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow</li> <li>Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms</li> </ul>

**Criteria for the color codes in this briefing is to the left, please provide any feedback to [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)**



# National Weather Service

Southern Region Headquarters

Regional Operations Center

Fort Worth, TX



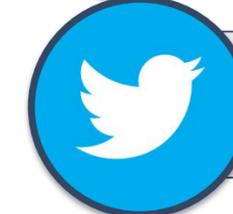
**Phone:** (682) 703-3747



**Facebook:** NWSSouthern



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