



# FEMA



Prepared by  
*Melissa Beat*

# FEMA Region 6 Weather Threat Briefing

## Monday, November 04, 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 to enhanced risk for severe storms over OK, W AR, N/E/Cntl TX today. Threats include hail, damaging winds and a few strong tornadoes.**
- **Slight risk of excessive rainfall/flash flooding over E OK, W AR, NW LA, NE TX today. Marginal risk for excessive rainfall Tuesday over E AR, LA and E TX.**
- **Snow in NM, W TX/OK Panhandles today bring minor impacts to travel.**
- **Next storm system will bring chances of snow to the mountains of N NM Wed/Thu and marginal risk for heavy rainfall over OK and N TX on Thursday/Friday.**
  
- **Tropical Weather:**
  - **PTC 18 in the Caribbean is expected to strengthen and move into the Gulf of Mexico by mid-week. Significant impacts are not expected for FEMA 6 but will monitor LA late week.**
  - **A system near the southern Bahamas has a low chance of development (20% in 7 days). No impacts to FEMA 6.**





# FEMA Region 6 Threat Matrix

Next 5 Days

	Monday, Nov 4	Tuesday, Nov 5	Wednesday, Nov 6	Thursday, Nov 7	Friday, Nov 8
Severe Storms	OK, W AR, N/NETX W AR, N/Cntl/E TX	ETX, LA, SE AR			
Heavy Rain / Flash Flooding	E OK, W AR, NETX, NW LA	ETX, LA, E AR		OK, N TX	OK, NW/Panhandle TX
Fire Weather					
Tropical					LA
Winter Weather	N NM, W OK/TX Panhandles		N NM	N NM	
River Flooding	OK				

*\*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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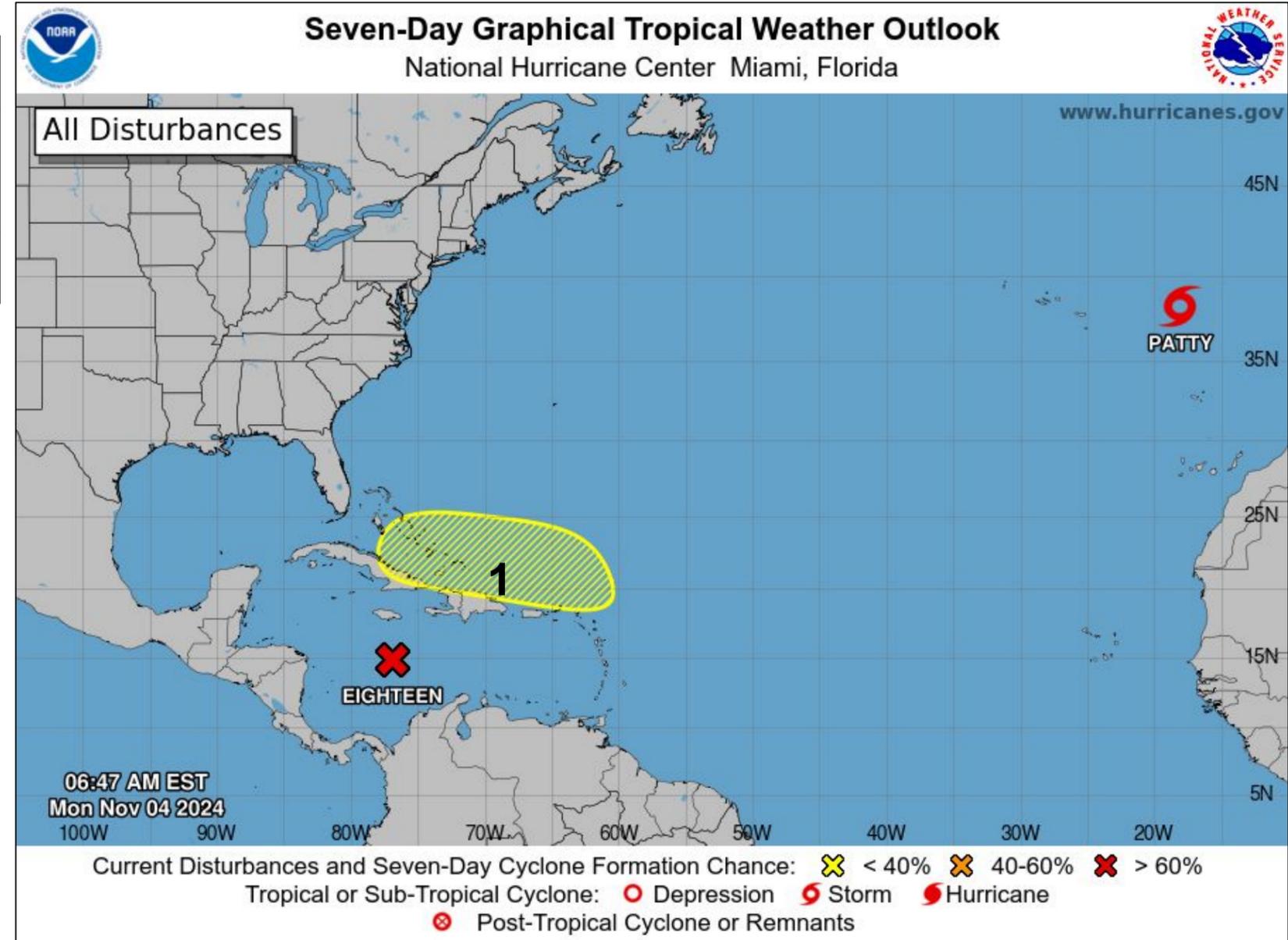
# Tropical Weather Outlook – Atlantic/Gulf

## Areas of Possible Development

Area	Chance of Development	Potential Impacts to FEMA 6
1	Low	None

## Active Tropical Cyclones

Storm	Potential Impacts to FEMA 6
Patty	None
PTC 18	Minor impacts to LA late week possible



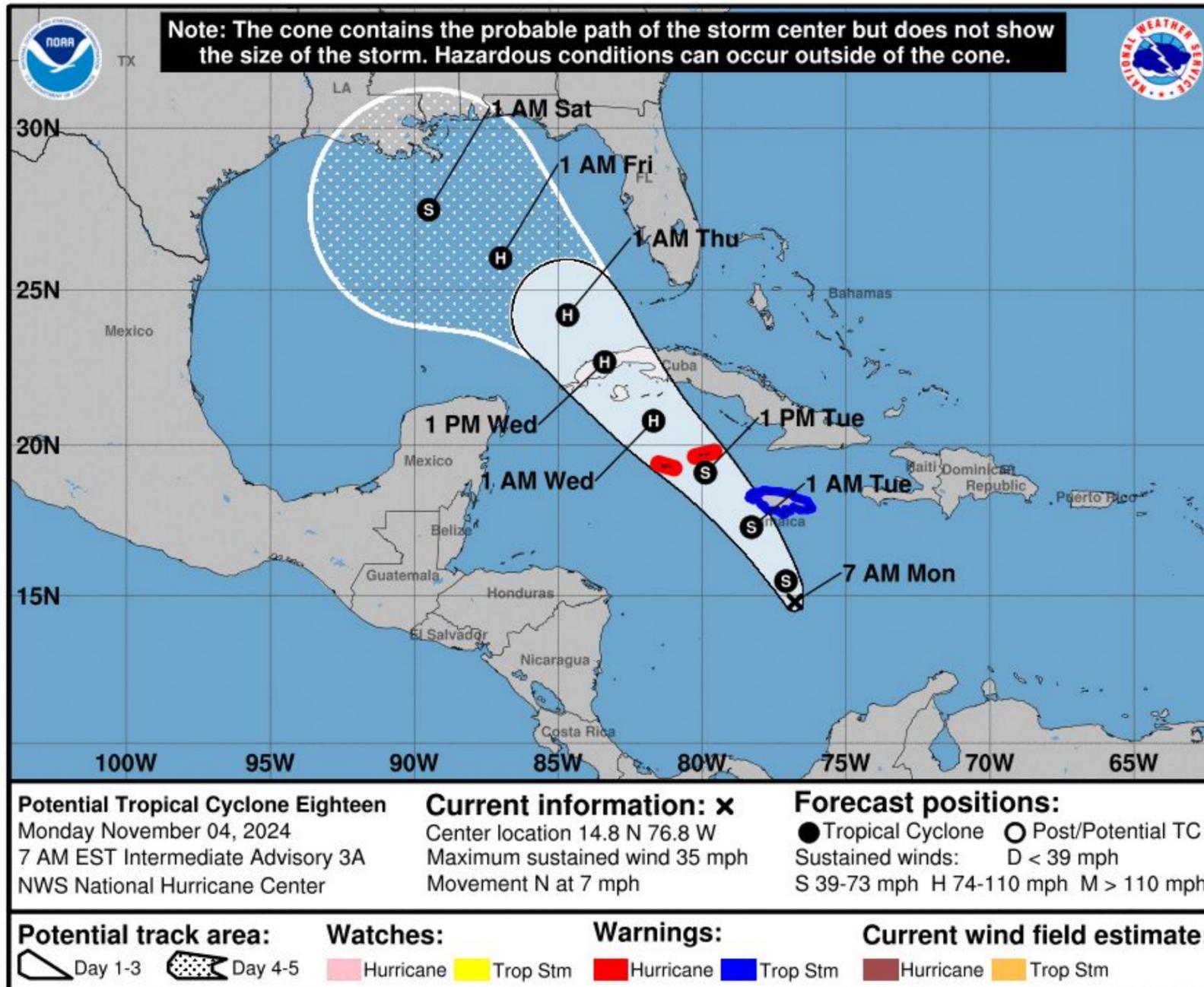
See <http://www.hurricanes.gov> for the latest on the tropics or any active storms





# PTC 18

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

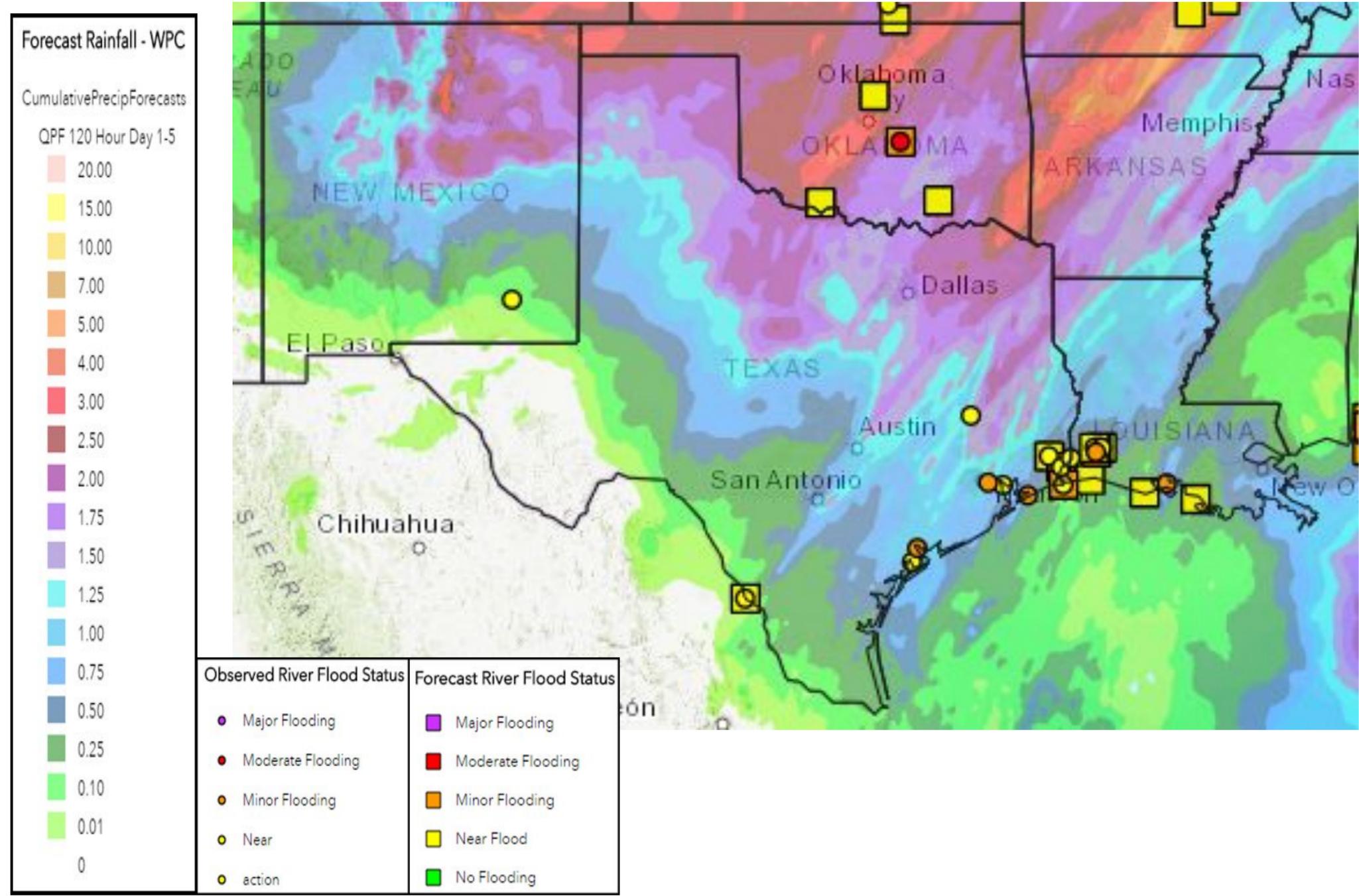


**Monitoring for impacts along the LA coast late week.**



# 5-Day Precipitation Forecast & River Flood Status

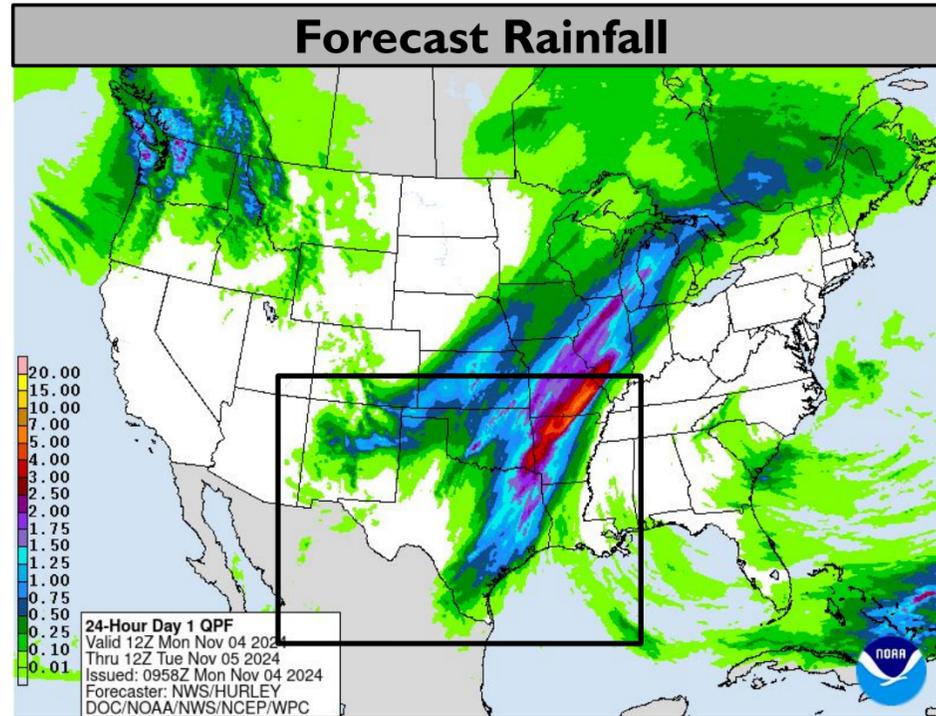
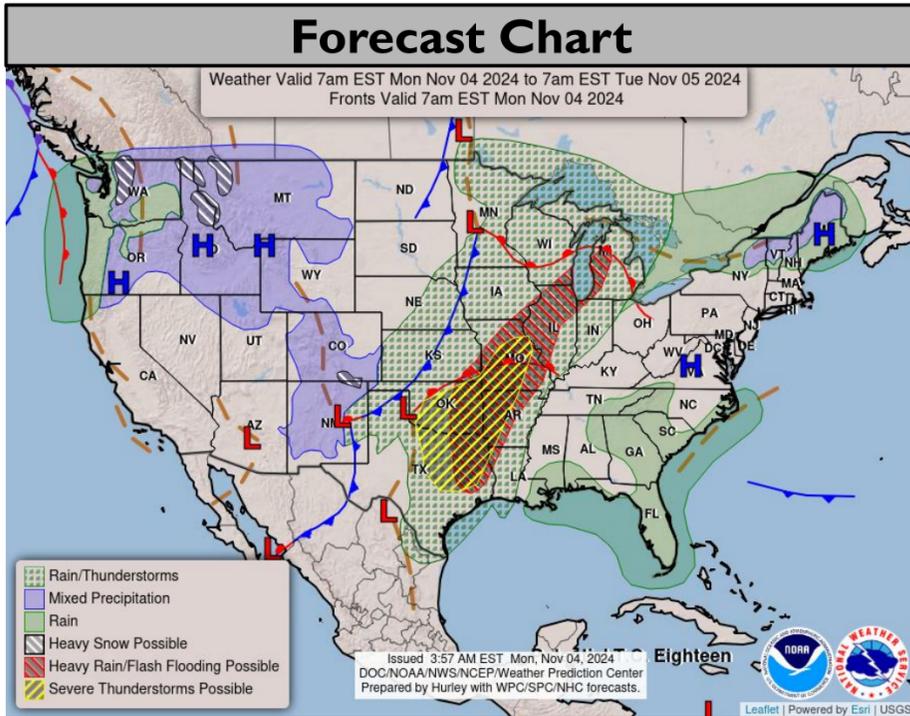
*Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall*



**Moderate river flooding over OK with only rural areas affected.**



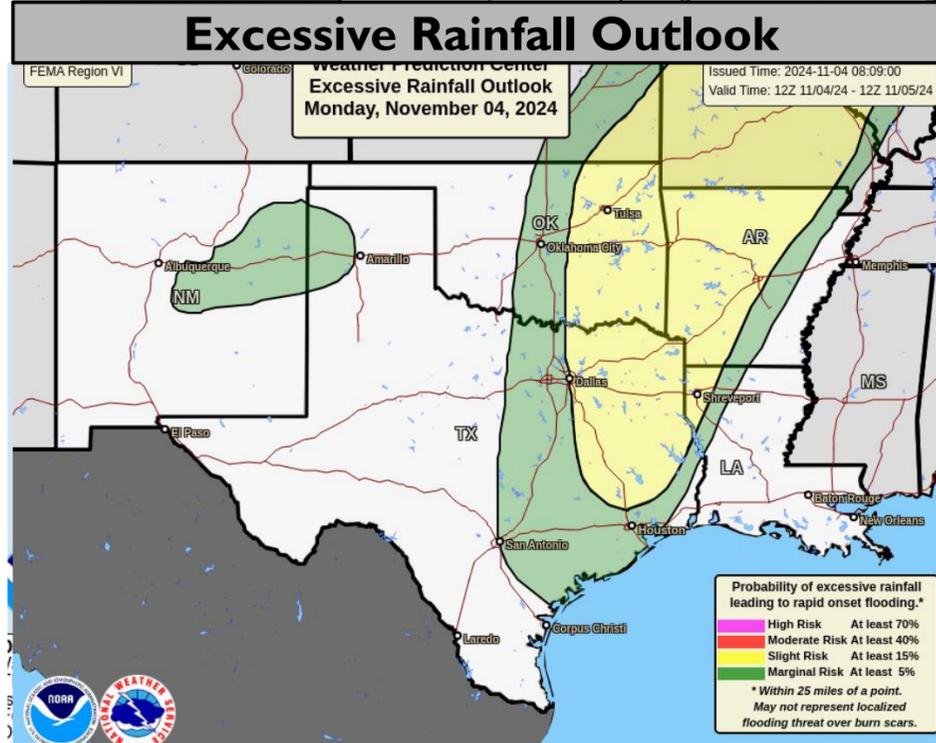
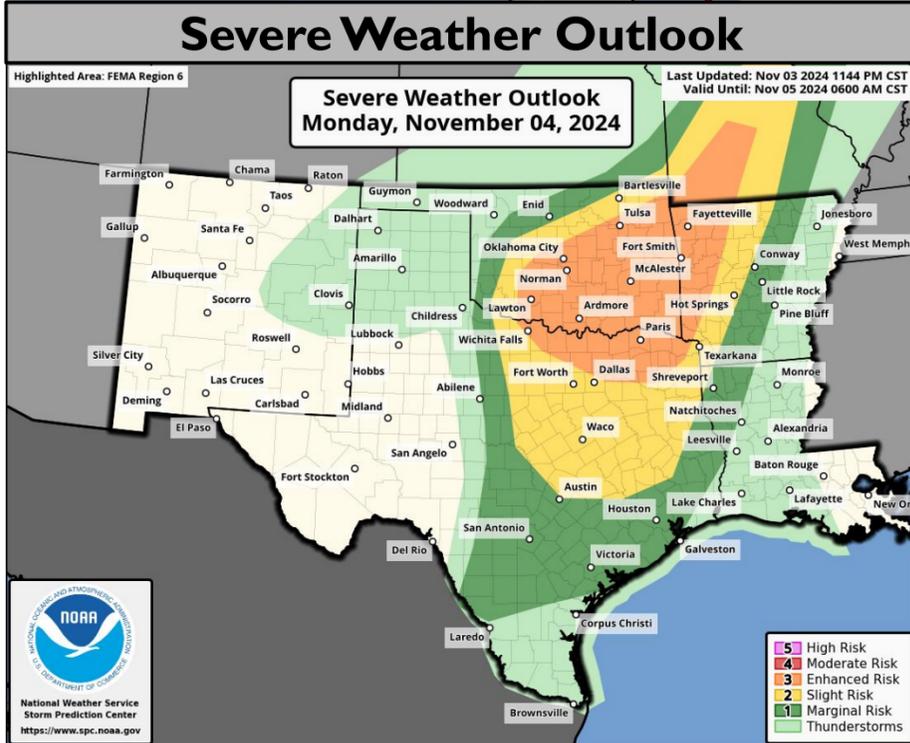
# Today's Weather



**Slight to enhanced risk for severe storms across OK, W AR, eastern half of TX**

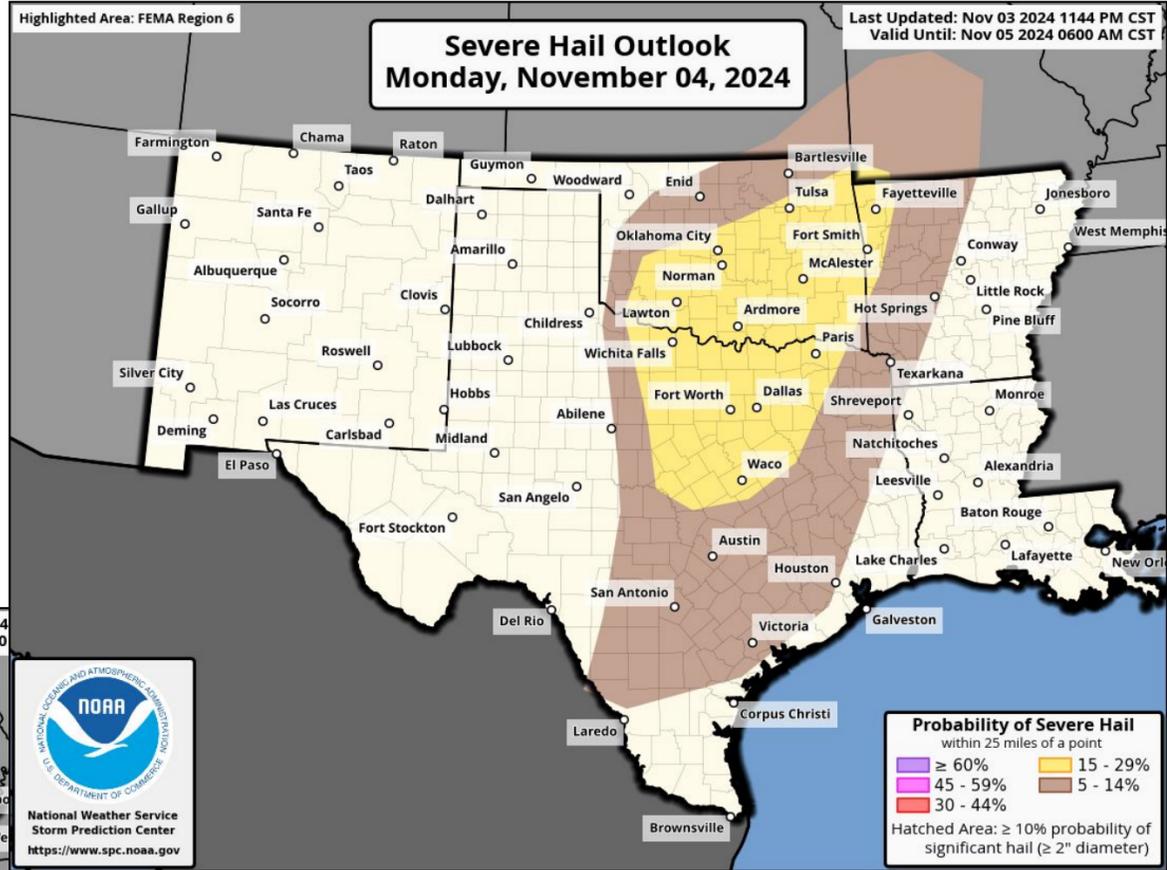
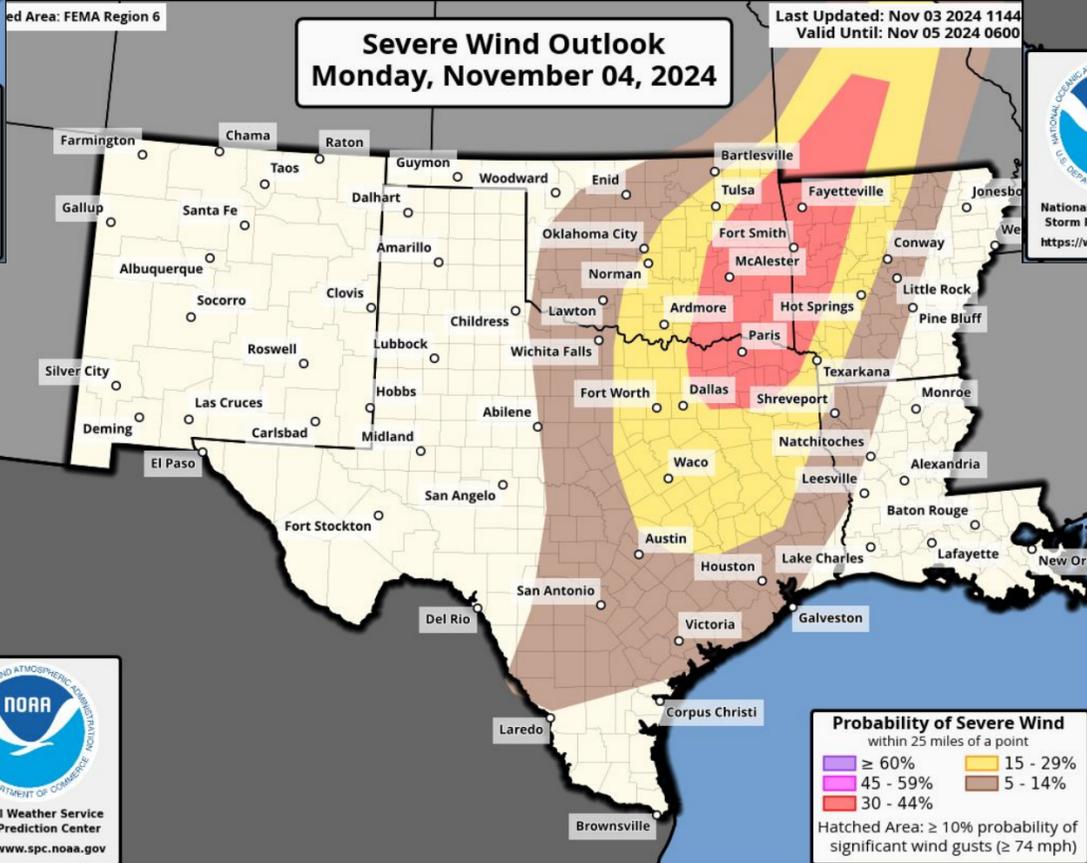
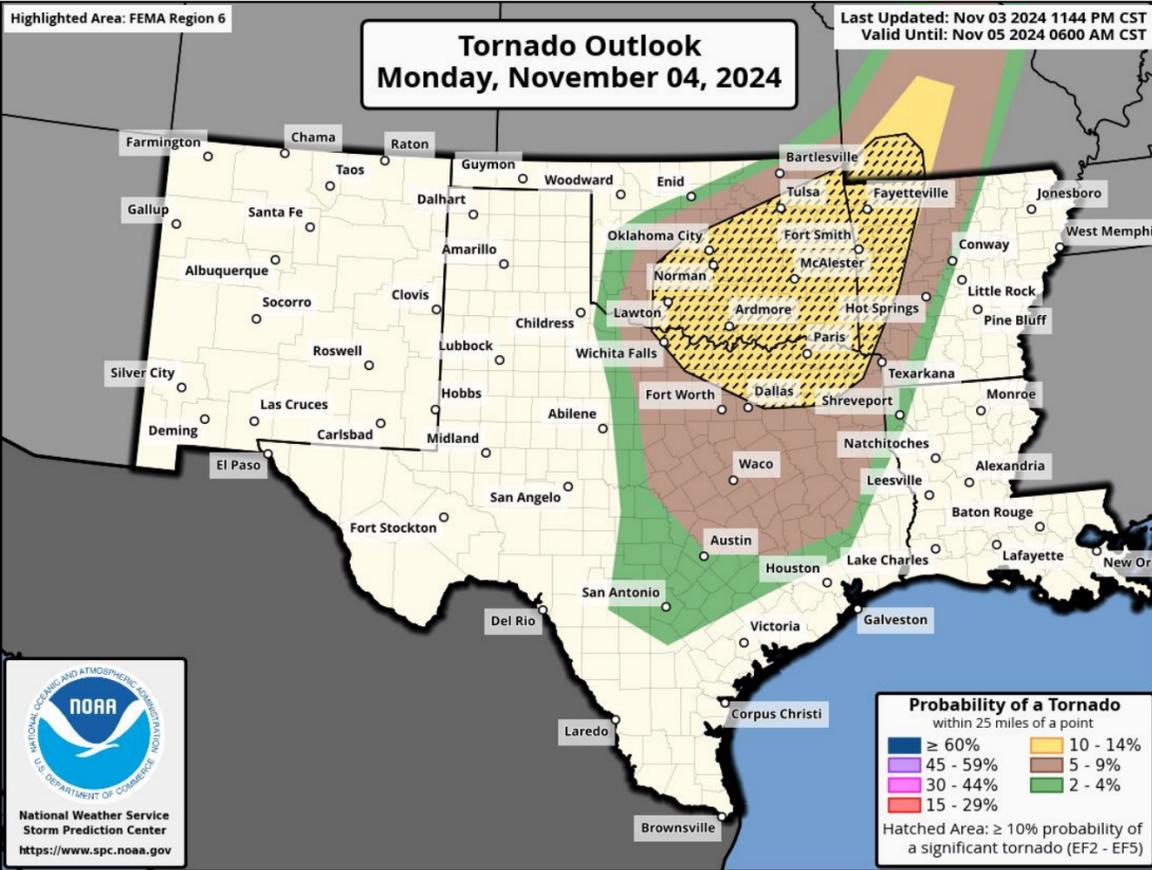
**Slight risk for excessive rainfall/flash flooding over E OK, NETX, NW LA, W AR.**

**Snow may bring minor impacts to travel in NM and W TX/OK Panhandles.**





# Today's Tornado & Severe Wind / Hail Probabilities

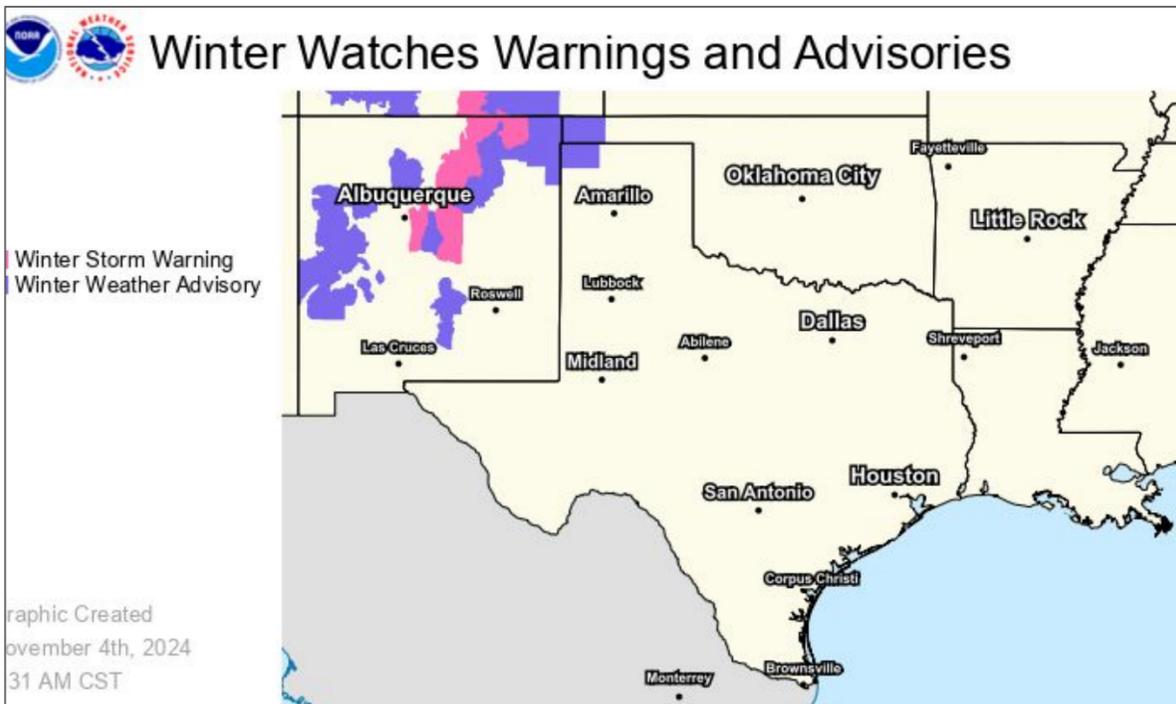
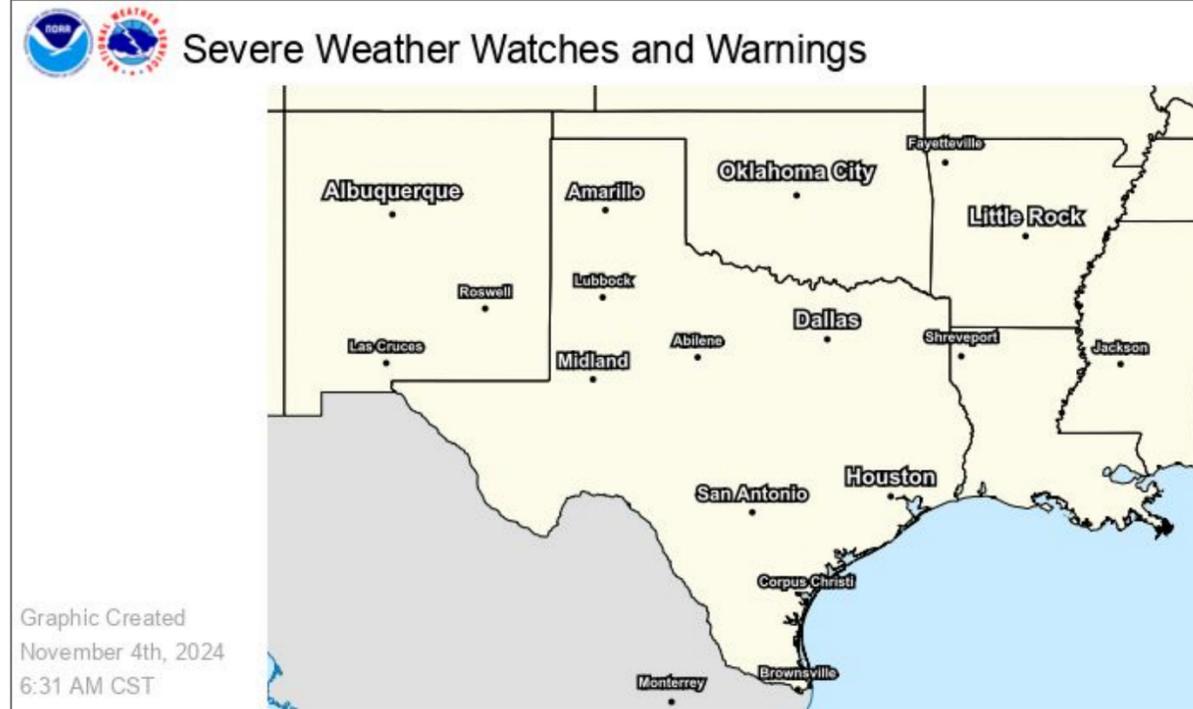




# Watches, Warnings, and Advisories

## Wind, Severe, Winter, and Flood Hazards

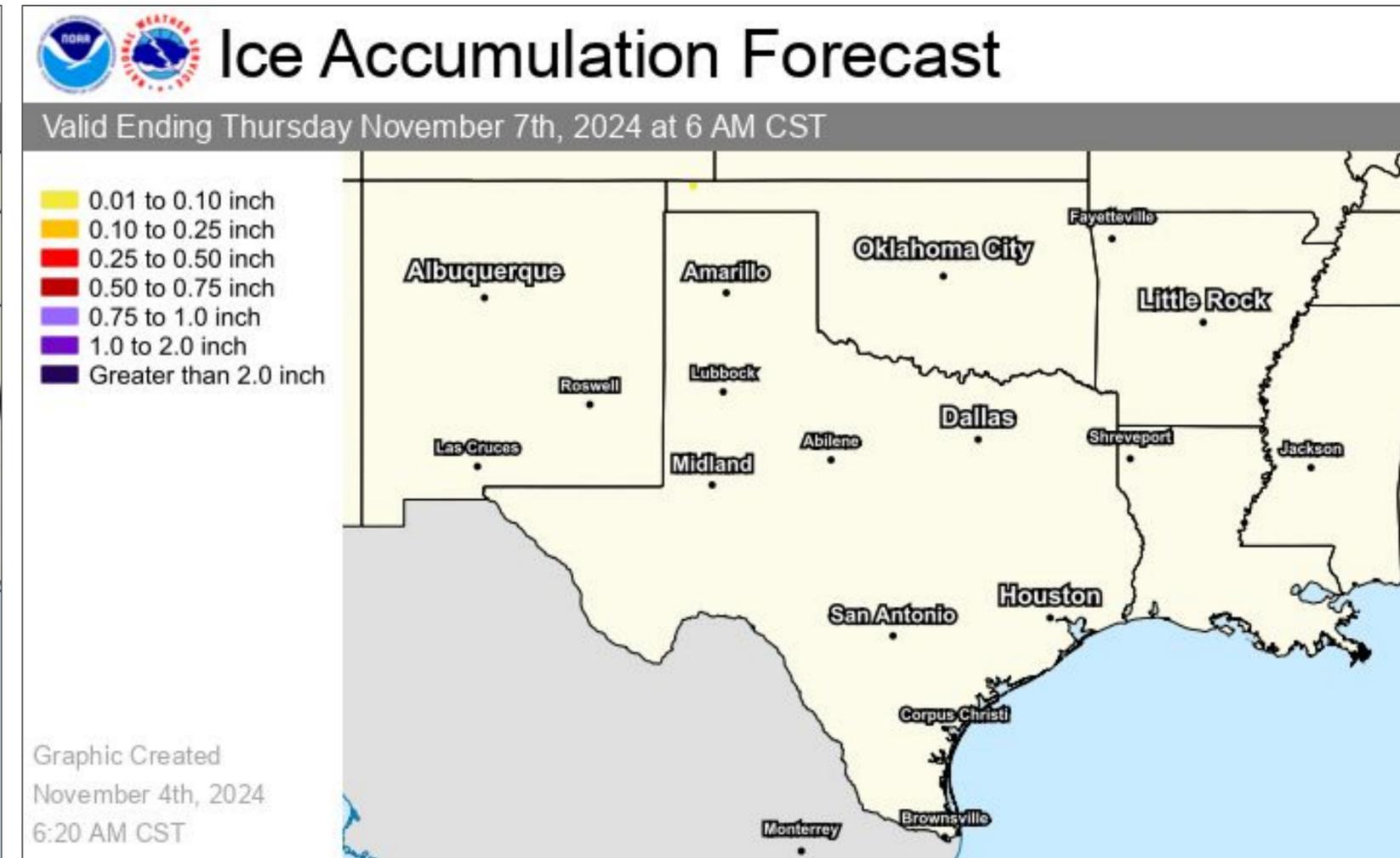
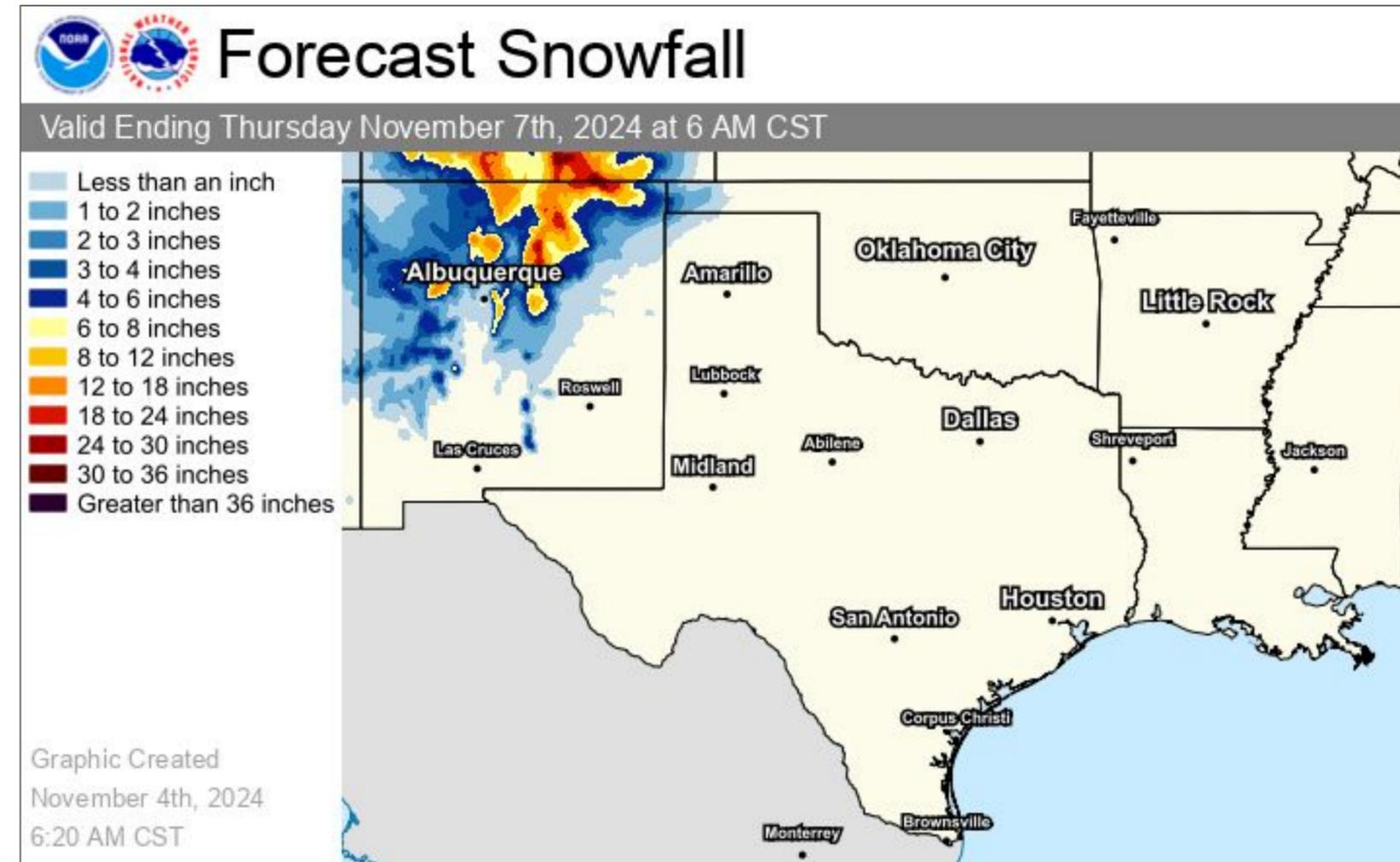
**Flood Watch through this afternoon over OK, NW AR and NW TX. Winter Storm Warning & Winter Weather Advisories for NM, W TX/OK Panhandles.**





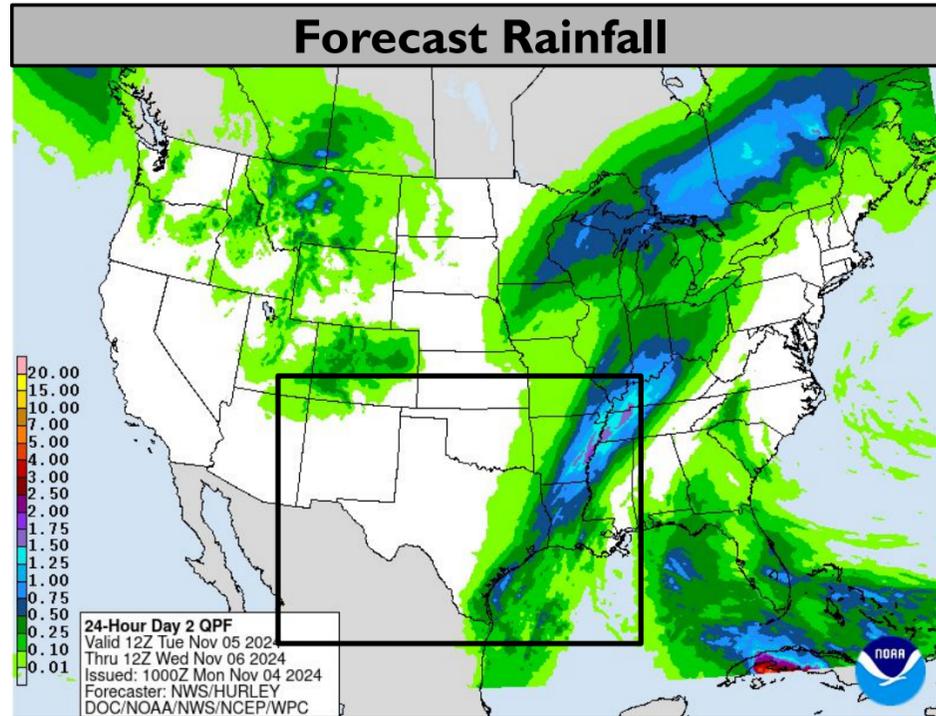
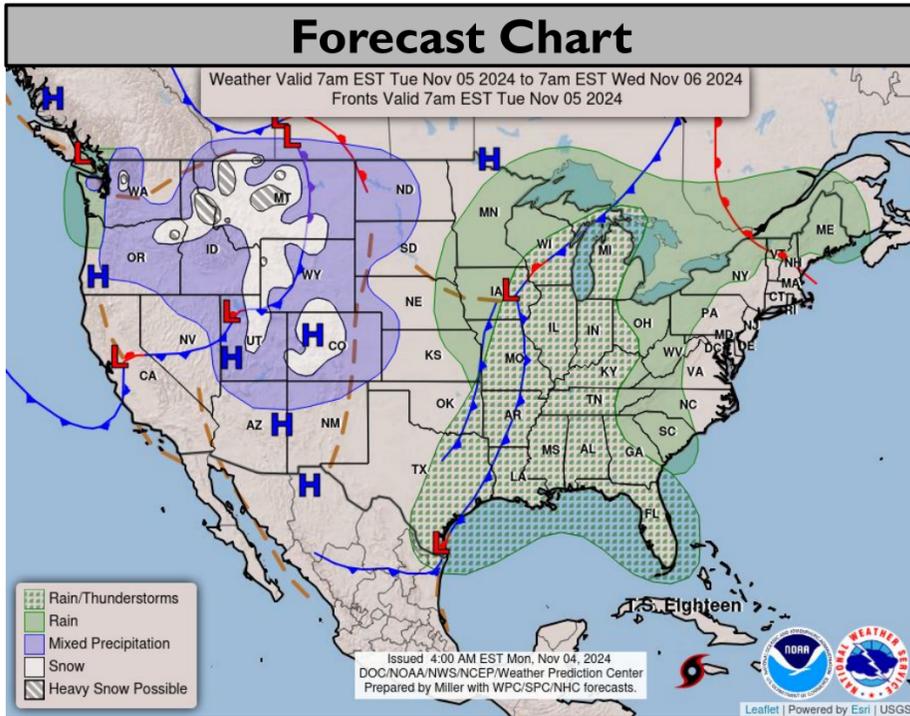
# Winter Weather

Through the next 3 days



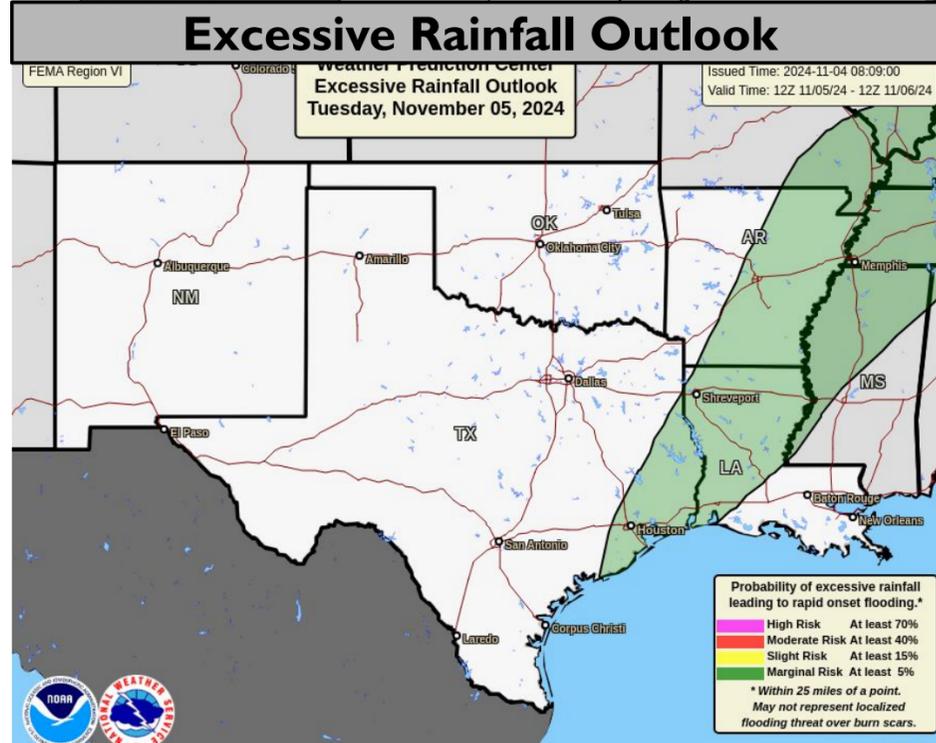
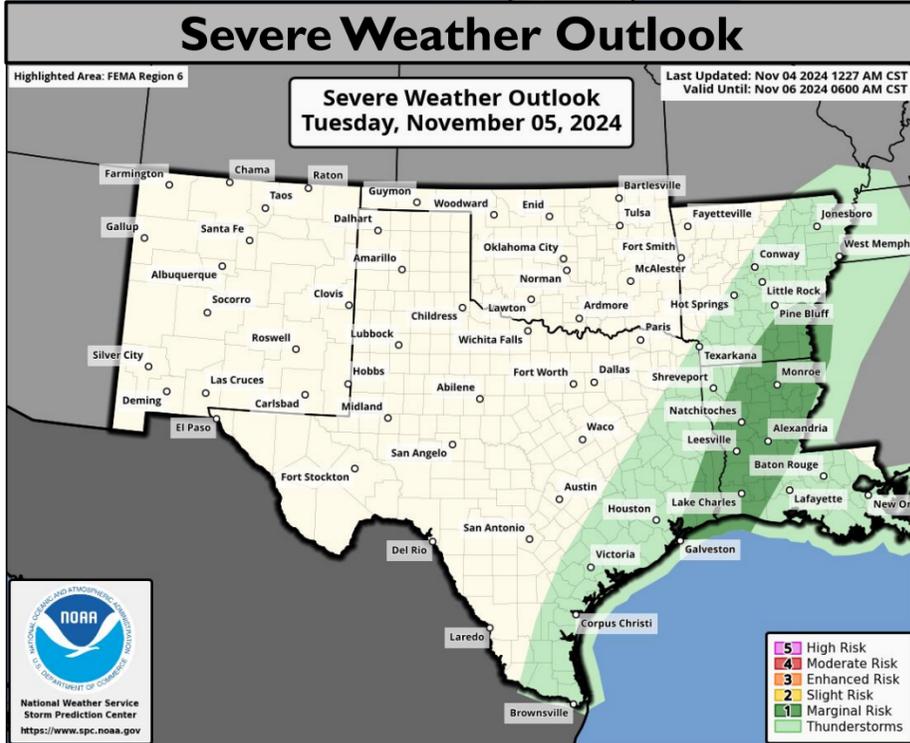


# Tomorrow's Weather



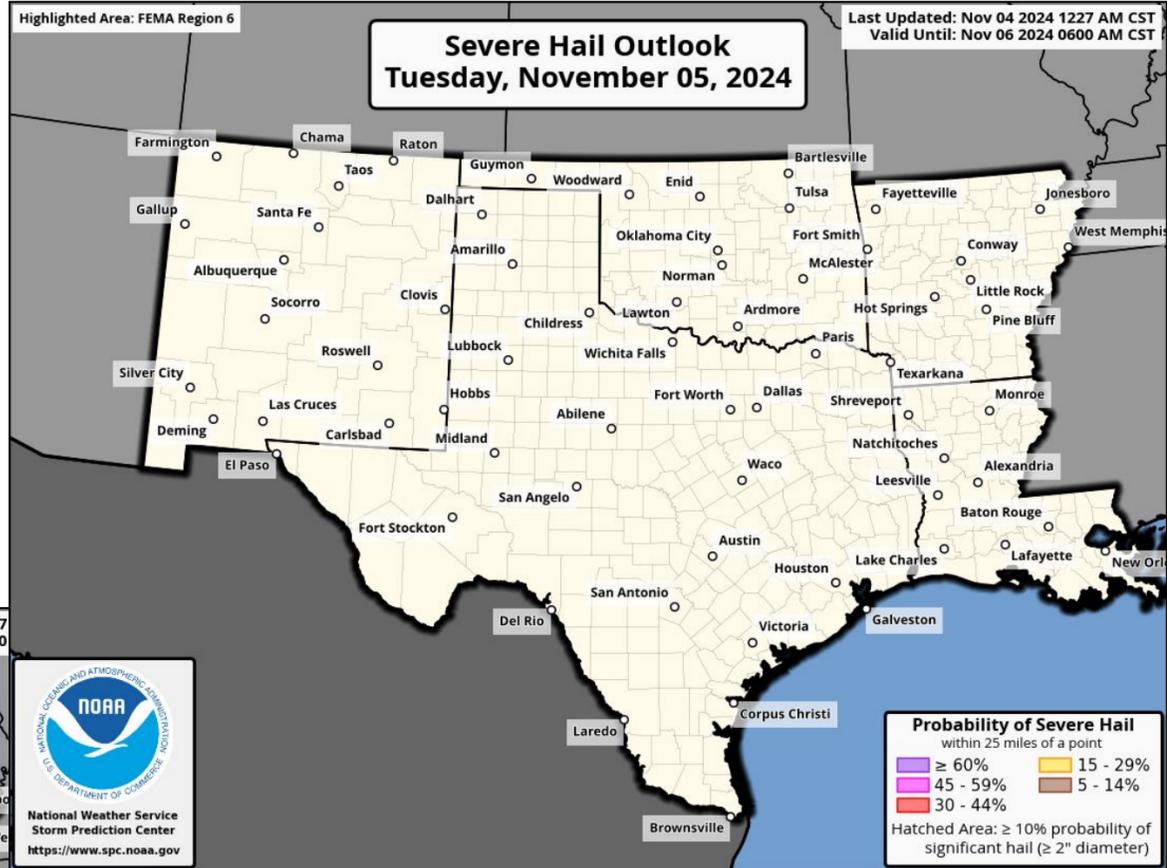
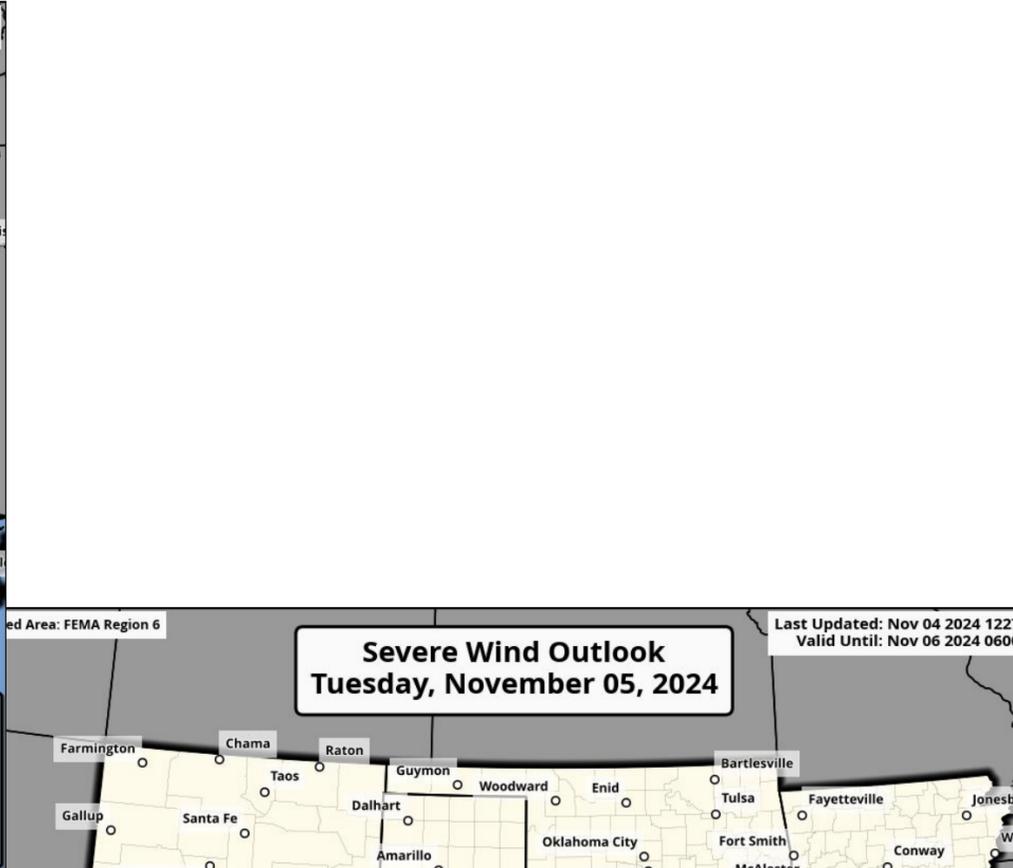
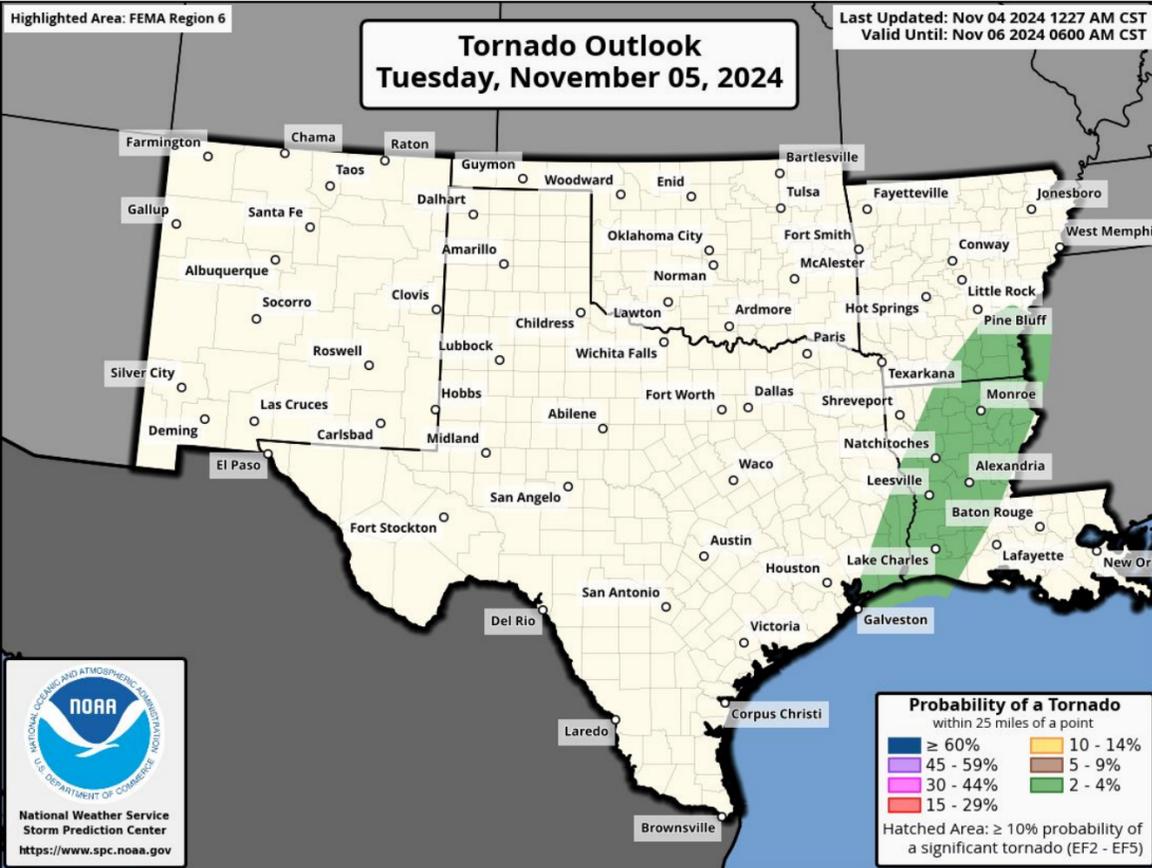
**Marginal risk for excessive rainfall/flash flooding over E AR, E TX, LA.**

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



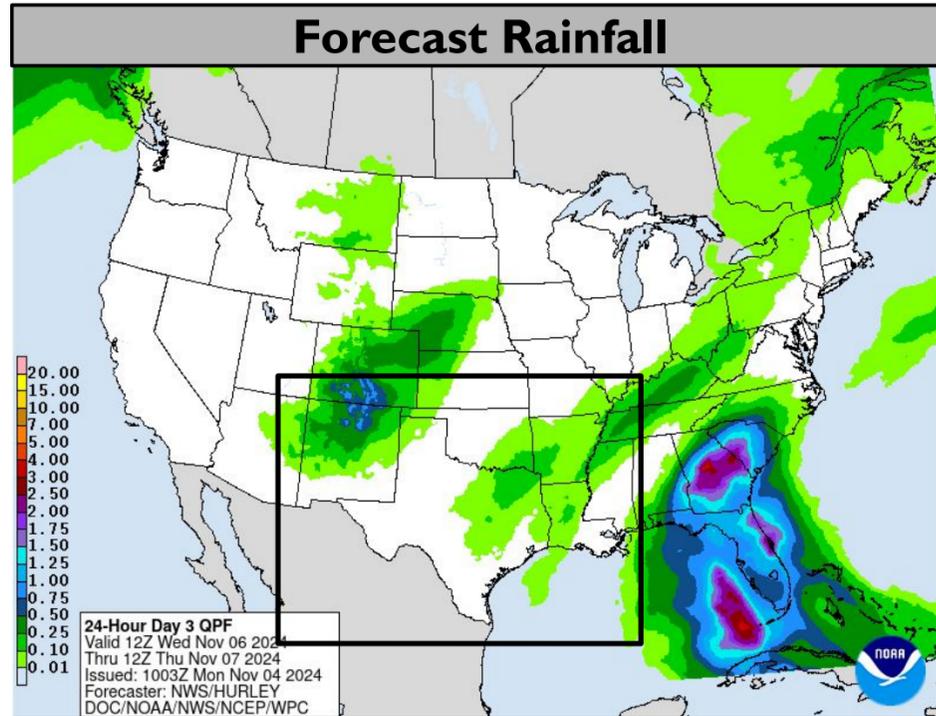
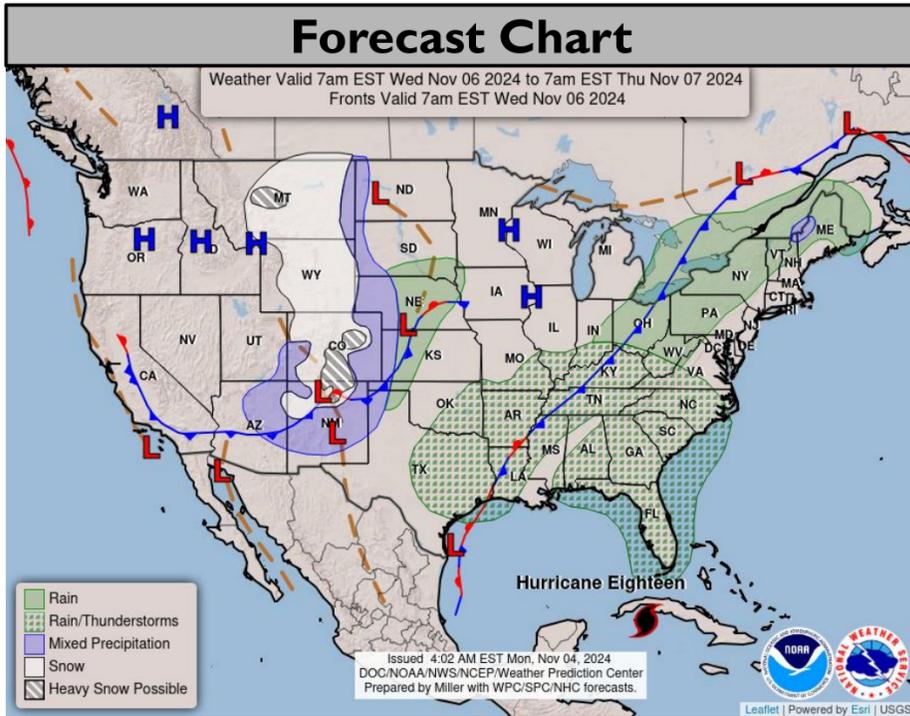


# Tomorrow's Tornado & Severe Wind / Hail Probabilities

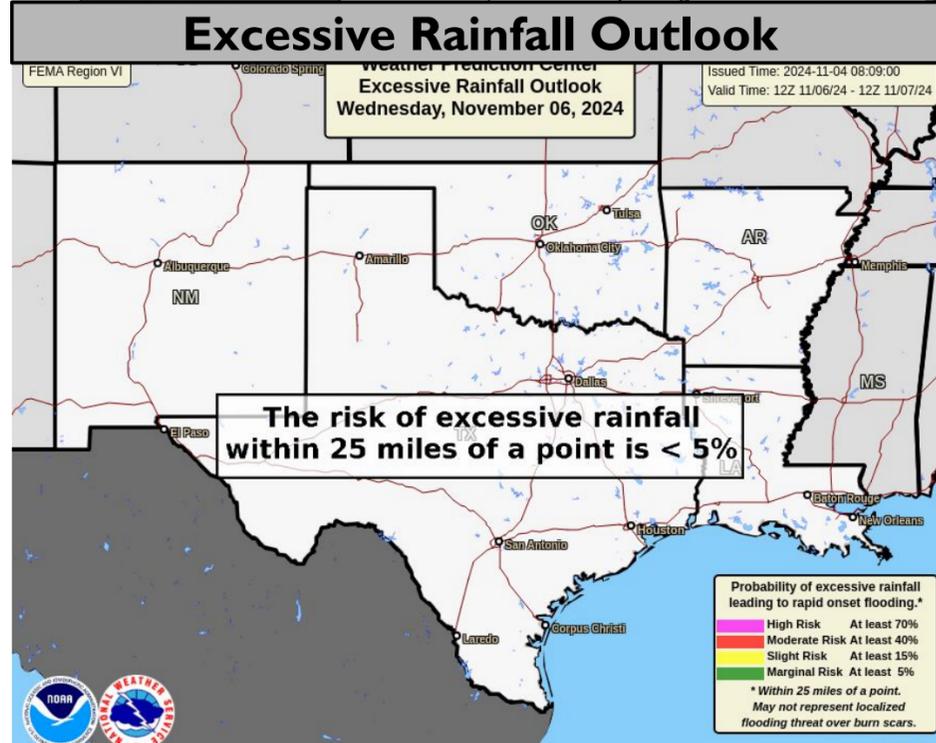
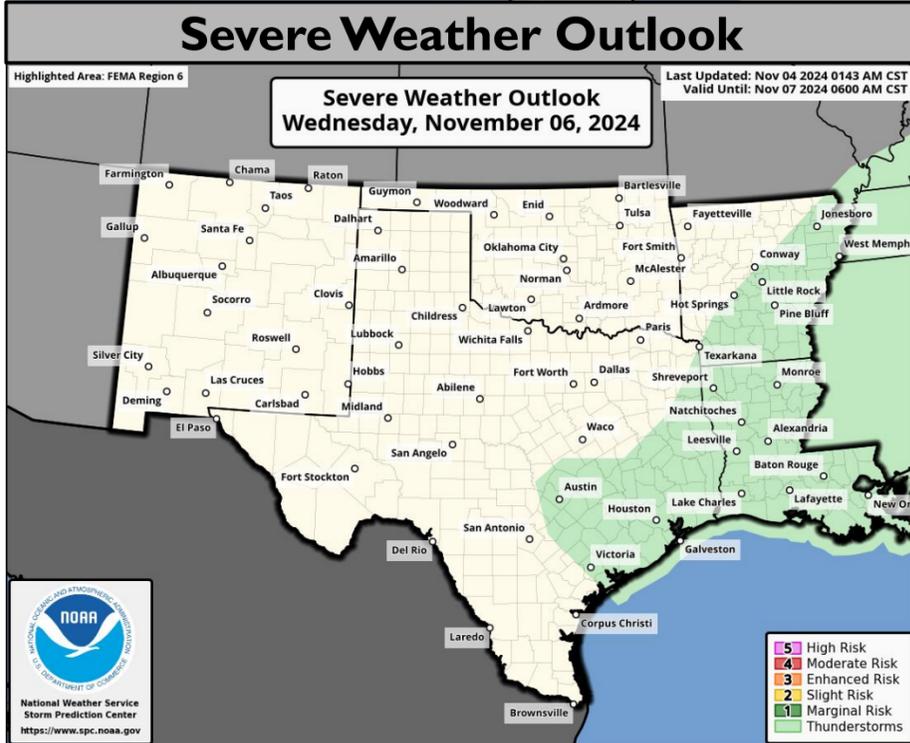




# Wednesday's Weather



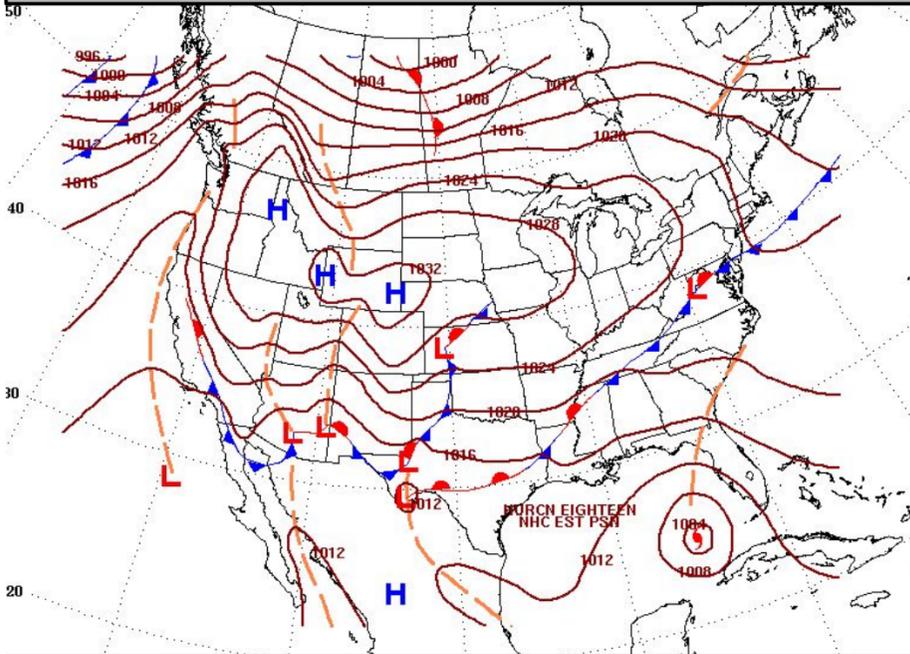
**Snow in the N NM mountains.**



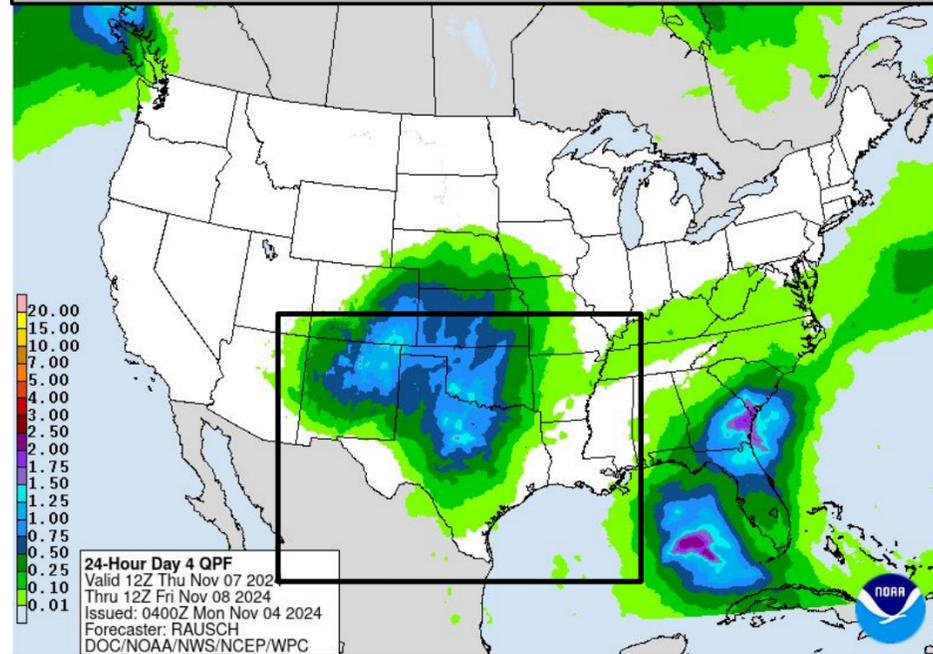


# Thursday's Weather

### Forecast Chart



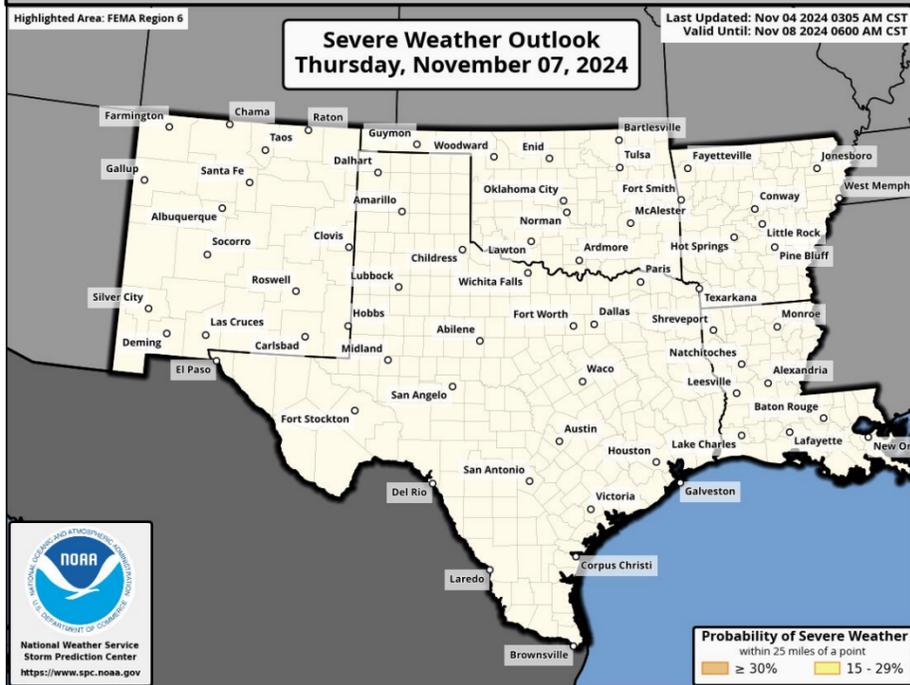
### Forecast Rainfall



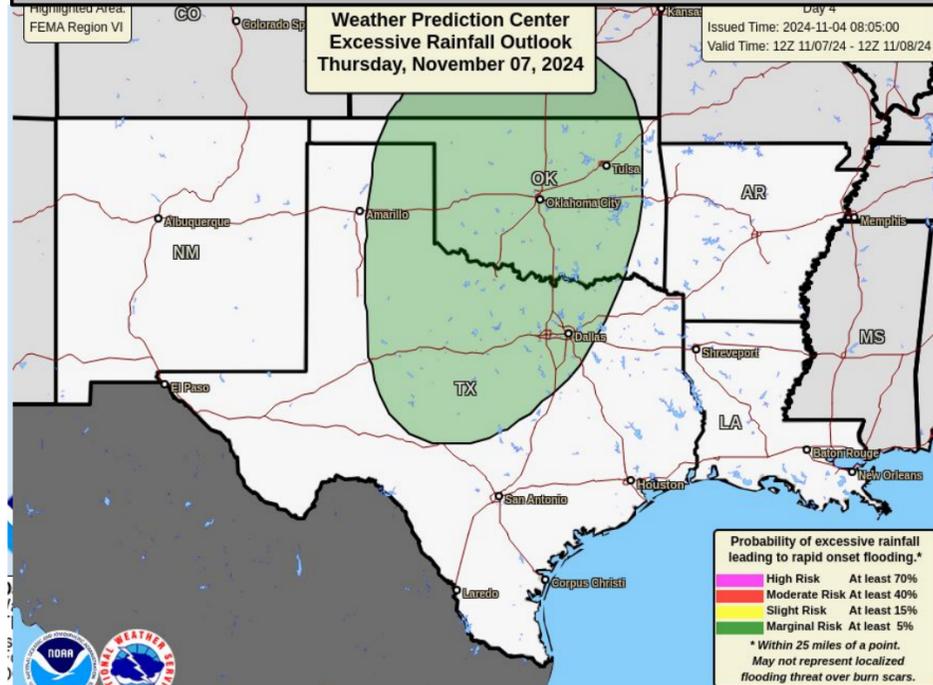
**Marginal risk for excessive rainfall over OK, NTX**

**Snow in the N NM mountains.**

### Severe Weather Outlook



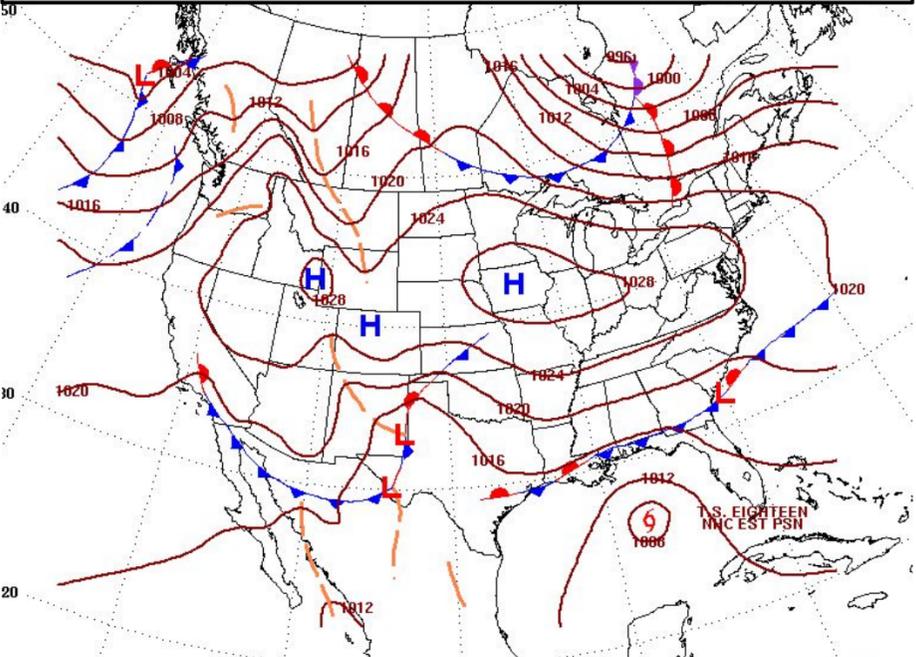
### Excessive Rainfall Outlook



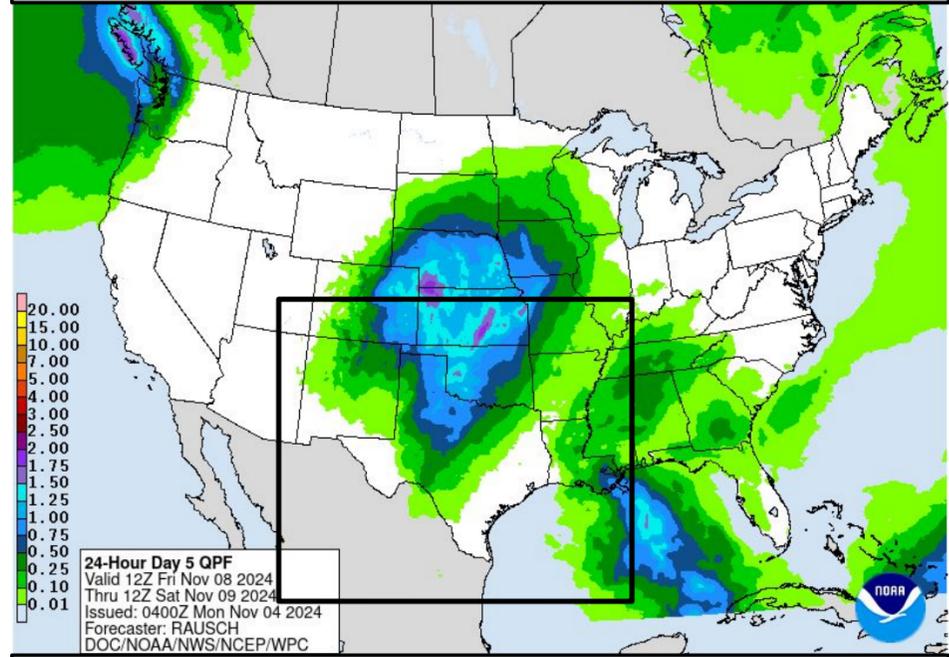


# Friday's Weather

### Forecast Chart

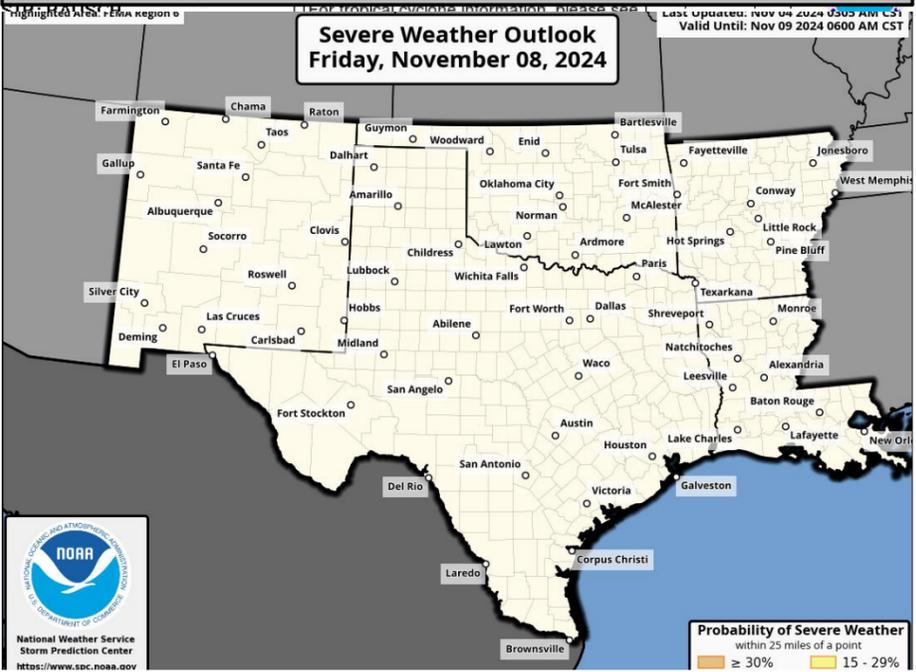


### Forecast Rainfall

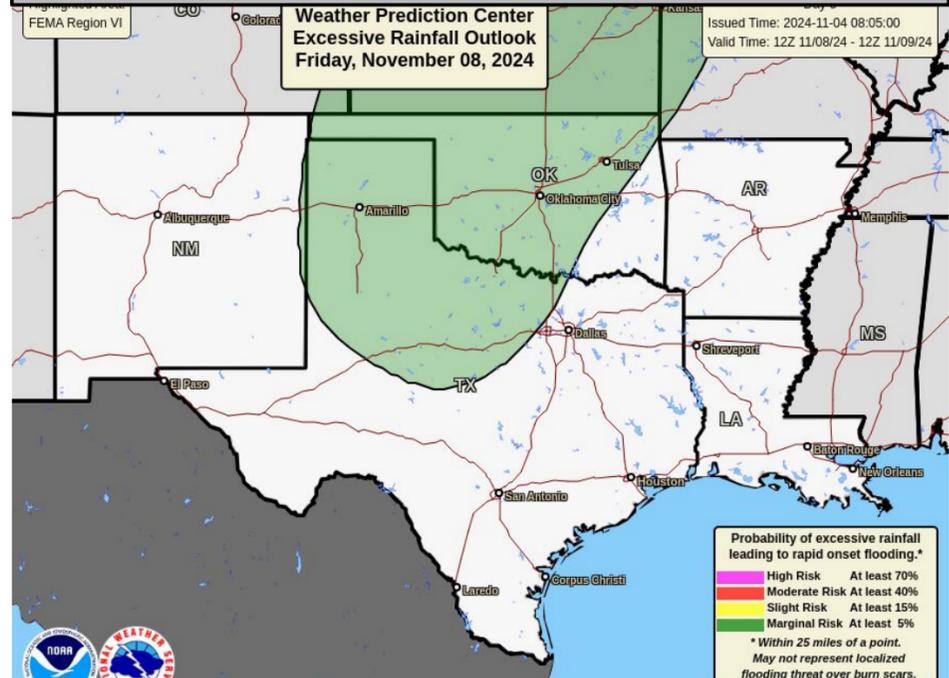


**No significant weather expected.**

### Severe Weather Outlook



### Excessive Rainfall Outlook

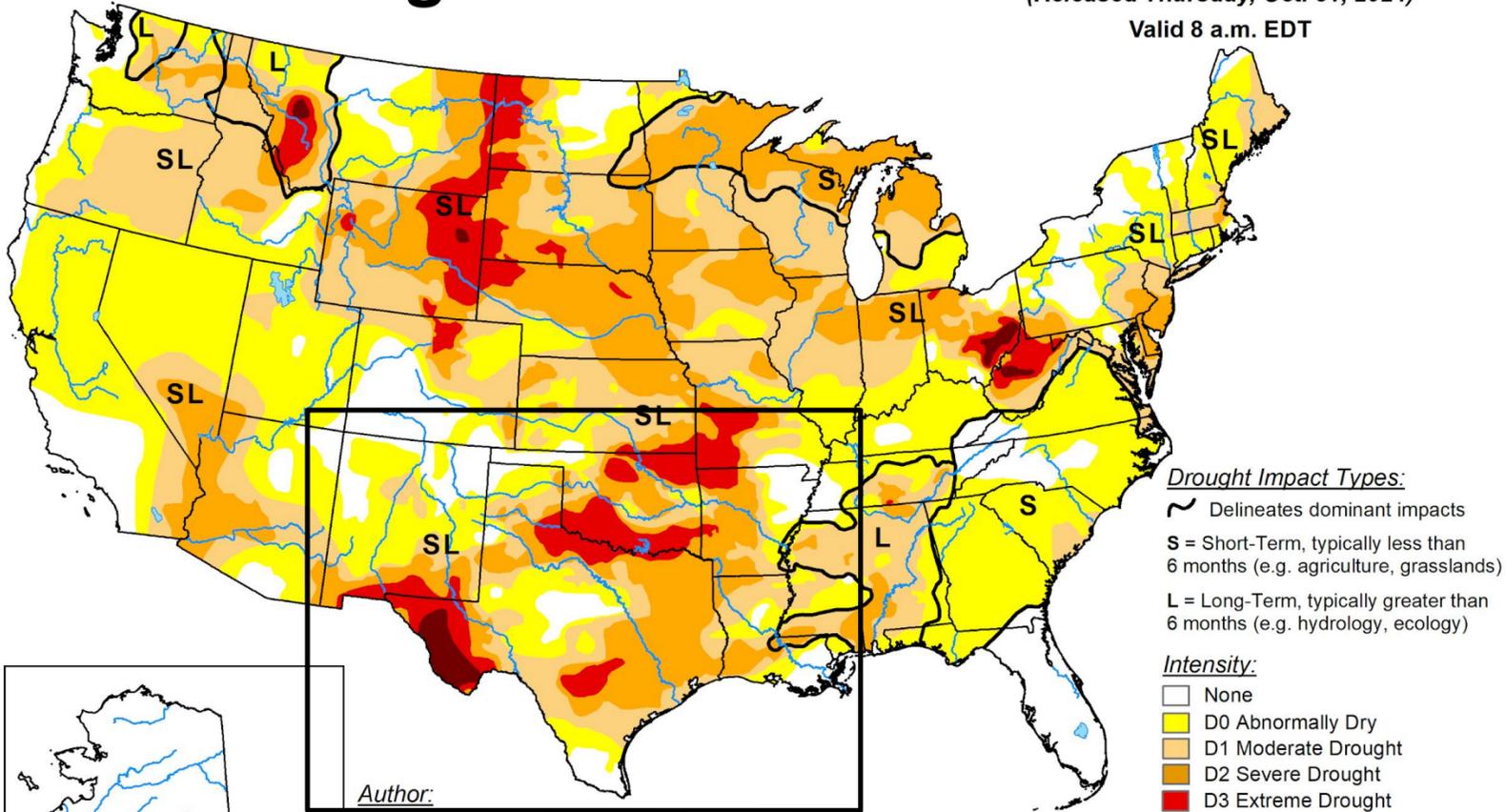




# Drought Monitor

## U.S. Drought Monitor

October 29, 2024  
(Released Thursday, Oct. 31, 2024)  
Valid 8 a.m. EDT



**Drought Impact Types:**  
~ Delineates dominant impacts  
S = Short-Term, typically less than 6 months (e.g. agriculture, grasslands)  
L = Long-Term, typically greater than 6 months (e.g. hydrology, ecology)

**Intensity:**  
None  
D0 Abnormally Dry  
D1 Moderate Drought  
D2 Severe Drought  
D3 Extreme Drought  
D4 Exceptional Drought

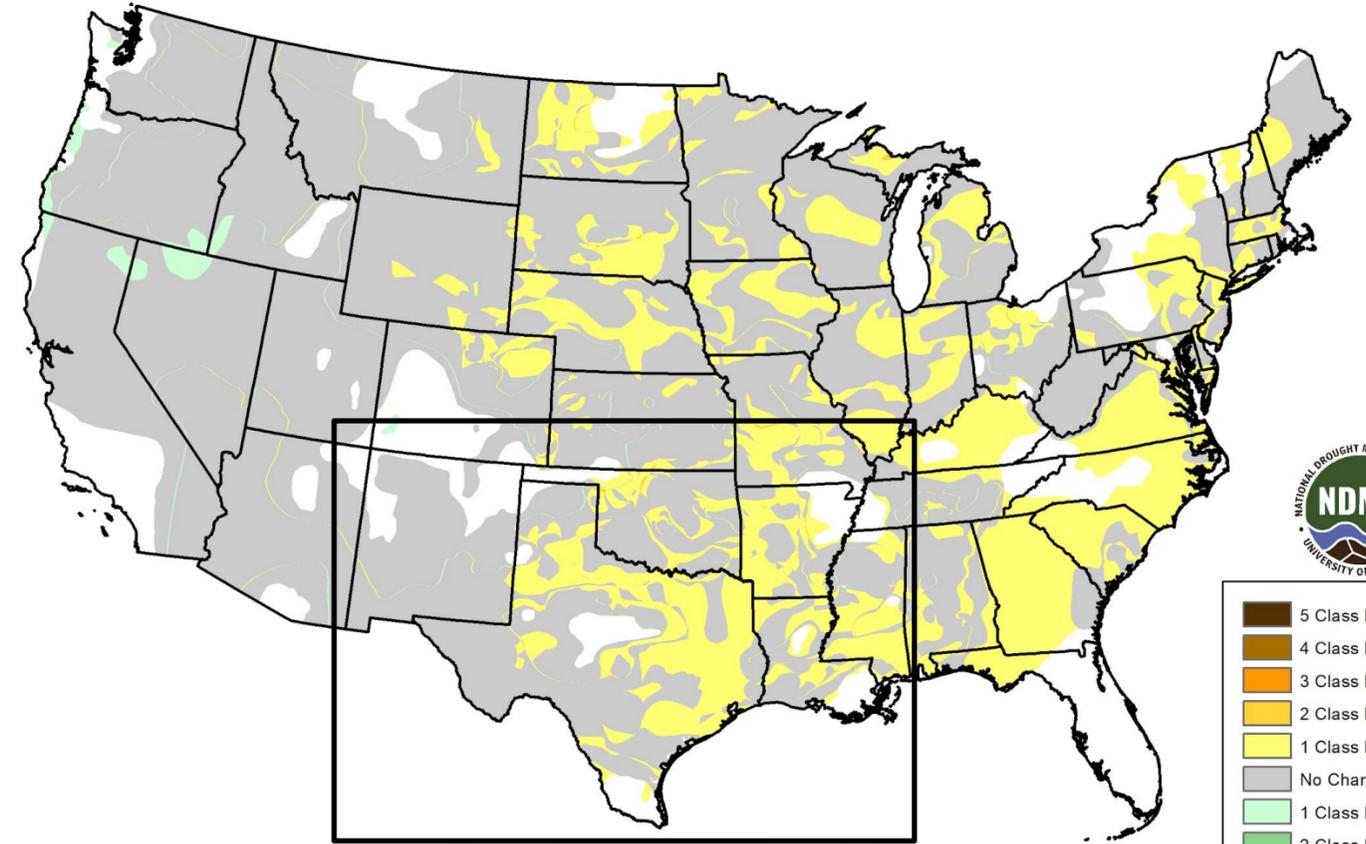
Author:  
Brian Fuchs  
National Drought Mitigation Center

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



October 29, 2024  
compared to  
October 22, 2024

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



5 Class Degradation  
4 Class Degradation  
3 Class Degradation  
2 Class Degradation  
1 Class Degradation  
No Change  
1 Class Improvement  
2 Class Improvement  
3 Class Improvement  
4 Class Improvement  
5 Class Improvement



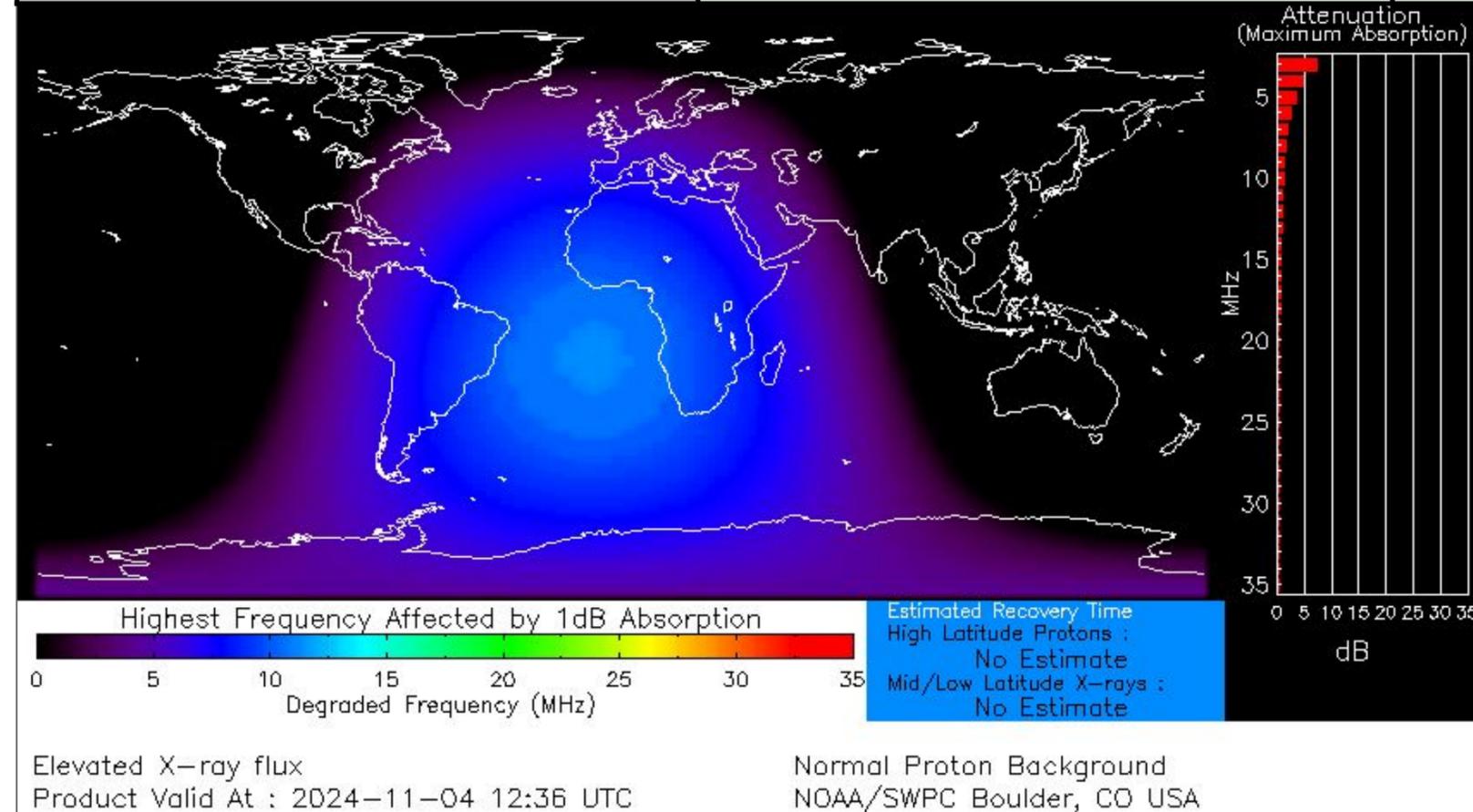
National Oceanic and Atmospheric Administration  
U.S. Department of Commerce

National Weather Service  
Southern Region



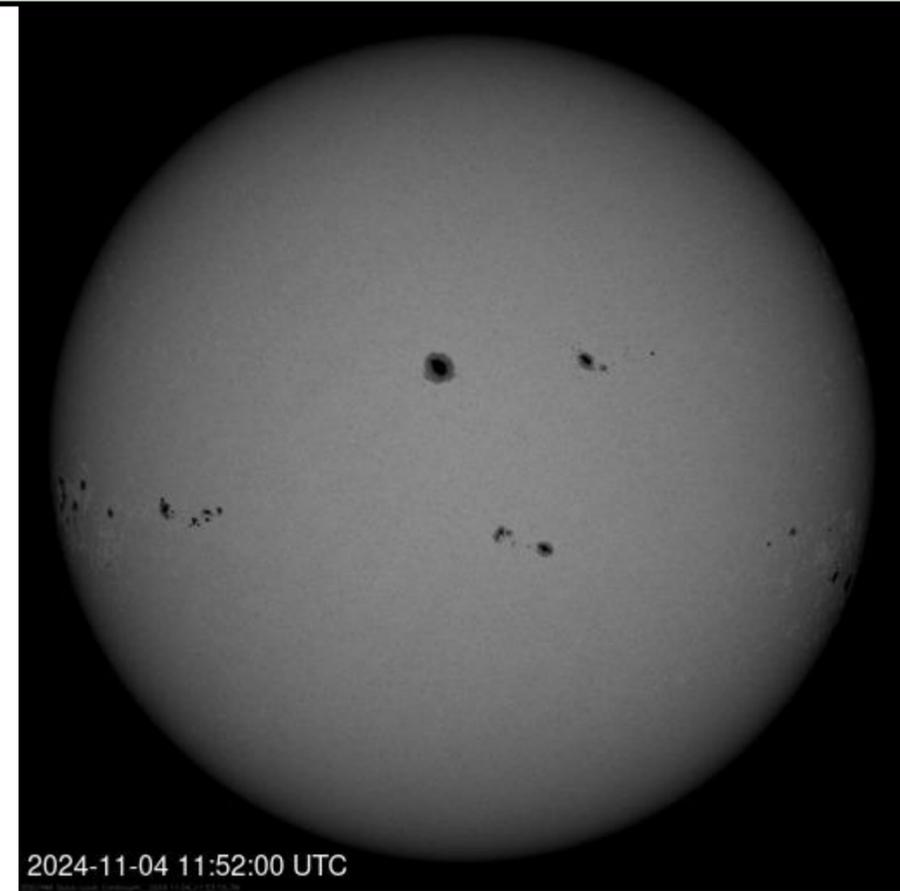
# Space Weather 3-Day Forecast

	Monday, Nov 4	Tuesday, Nov 5	Wednesday, Nov 6
<b>Geomagnetic Storms</b>	<b>Unsettled (Max Kp = 3)</b>	<b>Quiet (Max Kp = 2)</b>	<b>Quiet (Max Kp = 2)</b>
<b>Solar Radiation Storm (S1-S5)</b>	<b>20%</b>	<b>10%</b>	<b>5%</b>
<b>Radio Blackout (R1-R2)</b>	<b>95%</b>	<b>80%</b>	<b>75%</b>
<b>Radio Blackout (R3-R5)</b>	<b>30%</b>	<b>30%</b>	<b>20%</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>	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"> <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>	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"> <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>	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"> <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>	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"> <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>	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"> <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



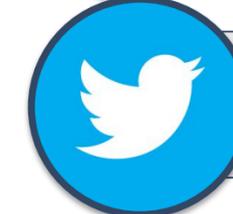
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