



# FEMA



Prepared by  
*Kurt Van Speybroeck*

# FEMA Region 6 Weather Threat Briefing

Saturday, July 07, 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 of the Upcoming Week

- **Flash flood threat near burn scar areas across NM through the weekend.**
- **Marginal to slight risk for severe storms with heavy rain across OK and the TX Coast.**
- **Beryl is moving over the Gulf of Mexico at 12 mph. Landfall as a hurricane along the Middle/upper TX coast early Monday.**
  - **Tropical Storm Force Winds most likely arrive by tonight with hurricane winds likely near landfall location.**
  - **Heavy rainfall/flash flooding across SE TX early next week.**
  - **Increasing risk for isolated tornadoes, storm surge and rip currents.**





# FEMA Region 6 Threat Matrix

Next 5 Days

	Sunday, Jul 7	Monday, Jul 8	Tuesday, Jul 9	Wednesday, Jul 10	Thursday, Jul 11
Severe Storms	OK SETX	ETX LA, SAR			
Heavy Rain / Flash Flooding	Coastal TX, OK	SETX	LA NM	NM	NM
Fire Weather					
Wind					
Heat					
Tropical	STX TX Coast	STX TX Coast	ETX LA		
River Flooding	Impacts from Beryl	Impacts from Beryl	Impacts from Beryl		

*\*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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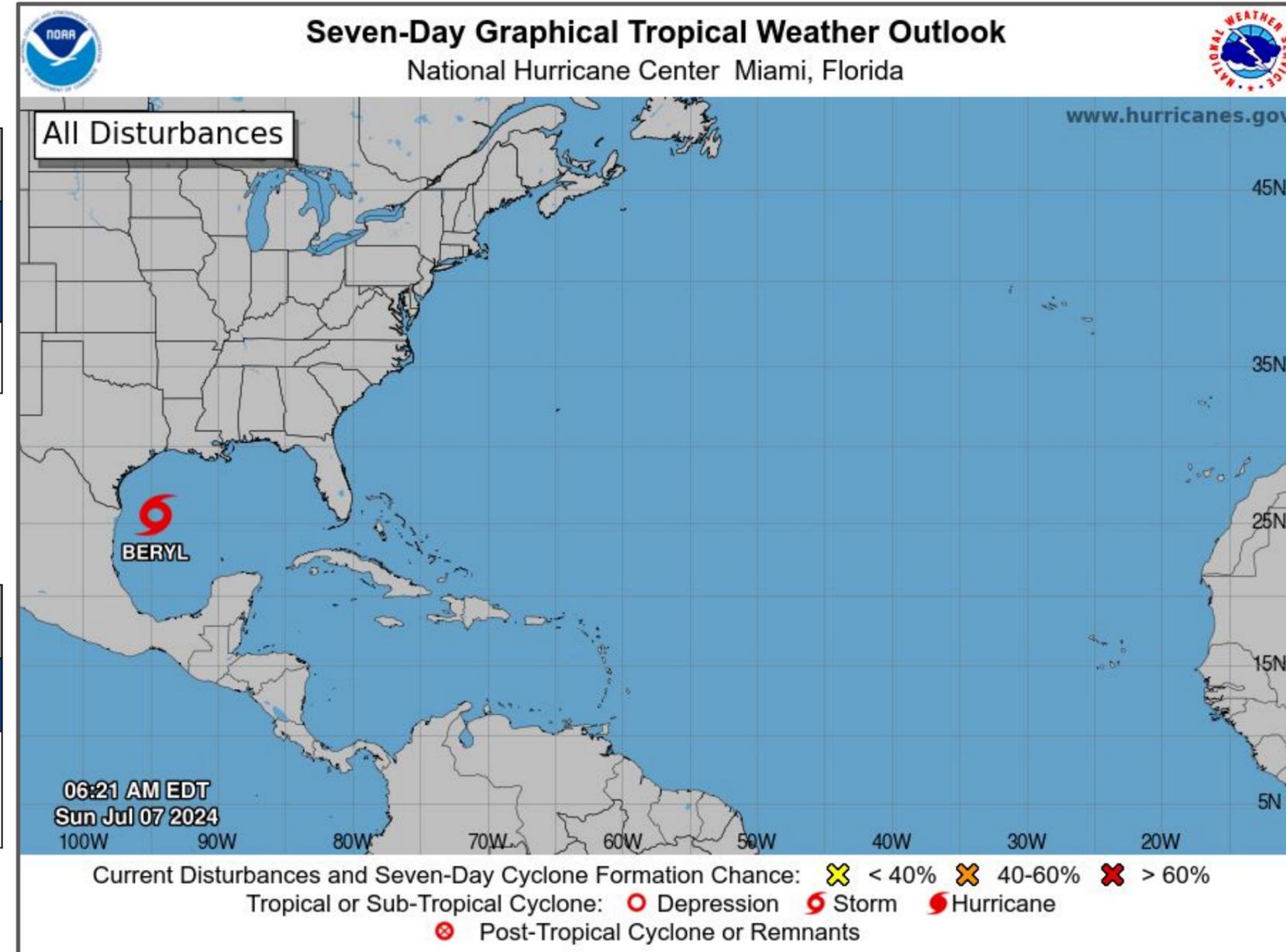
# Tropical Weather Outlook – Atlantic/Gulf

## Areas of Possible Development

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

## Active Tropical Cyclones

Storm	Potential Impacts to FEMA 6
Beryl	TS Force winds today along the TX Coast. Landfall along the Middle TX coast Monday.



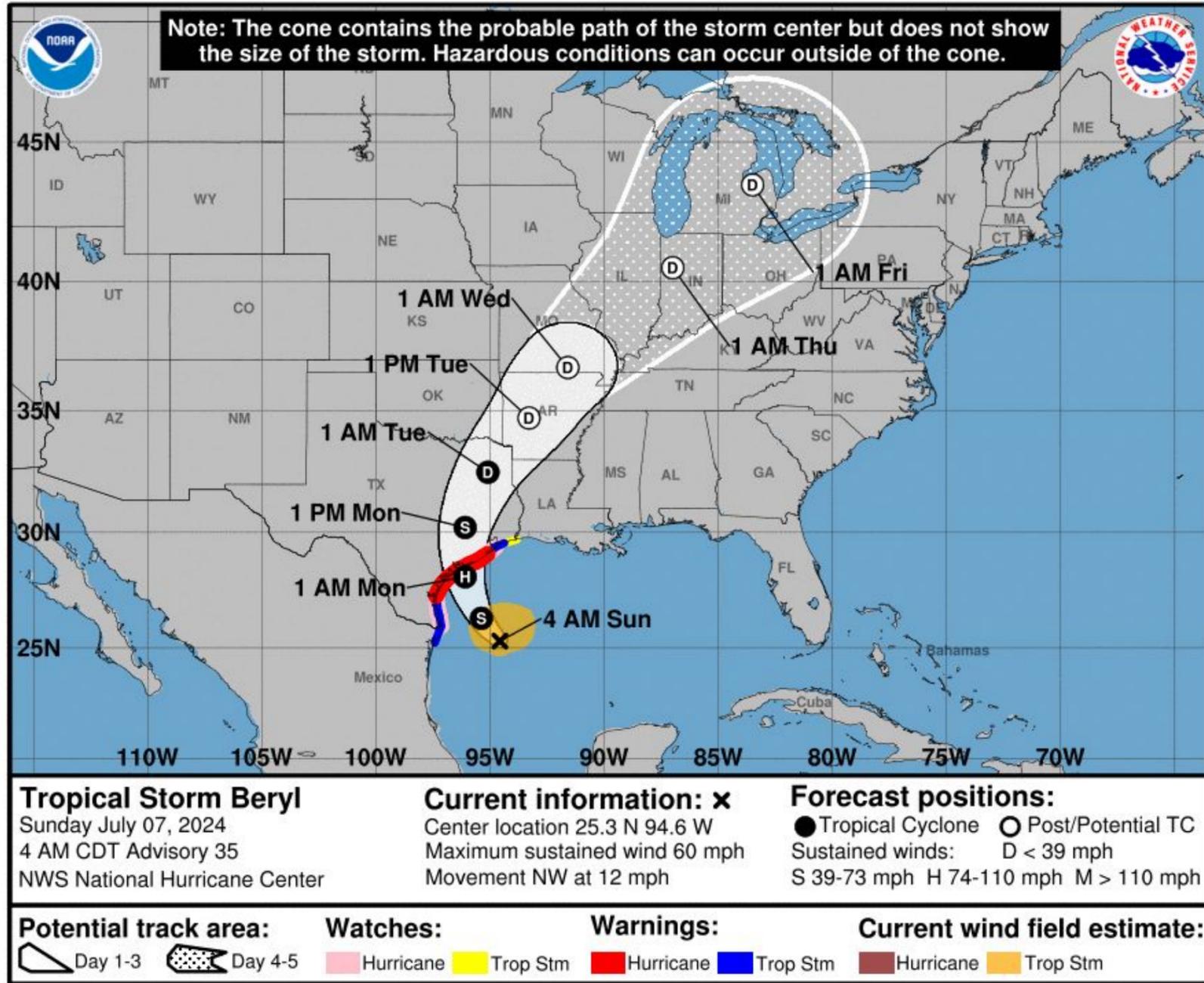
See <http://www.hurricanes.gov> for the latest on the tropics or any active storms



# Hurricane Beryl

4:22 AM

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

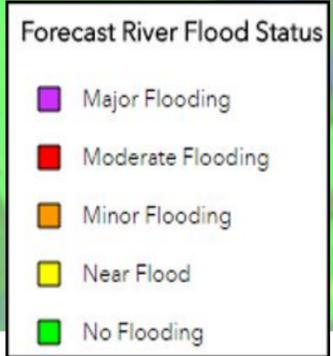
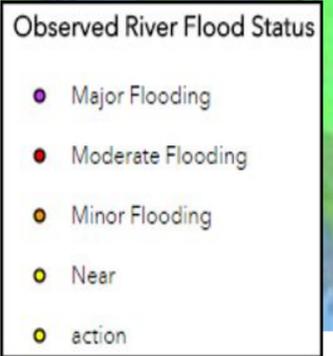
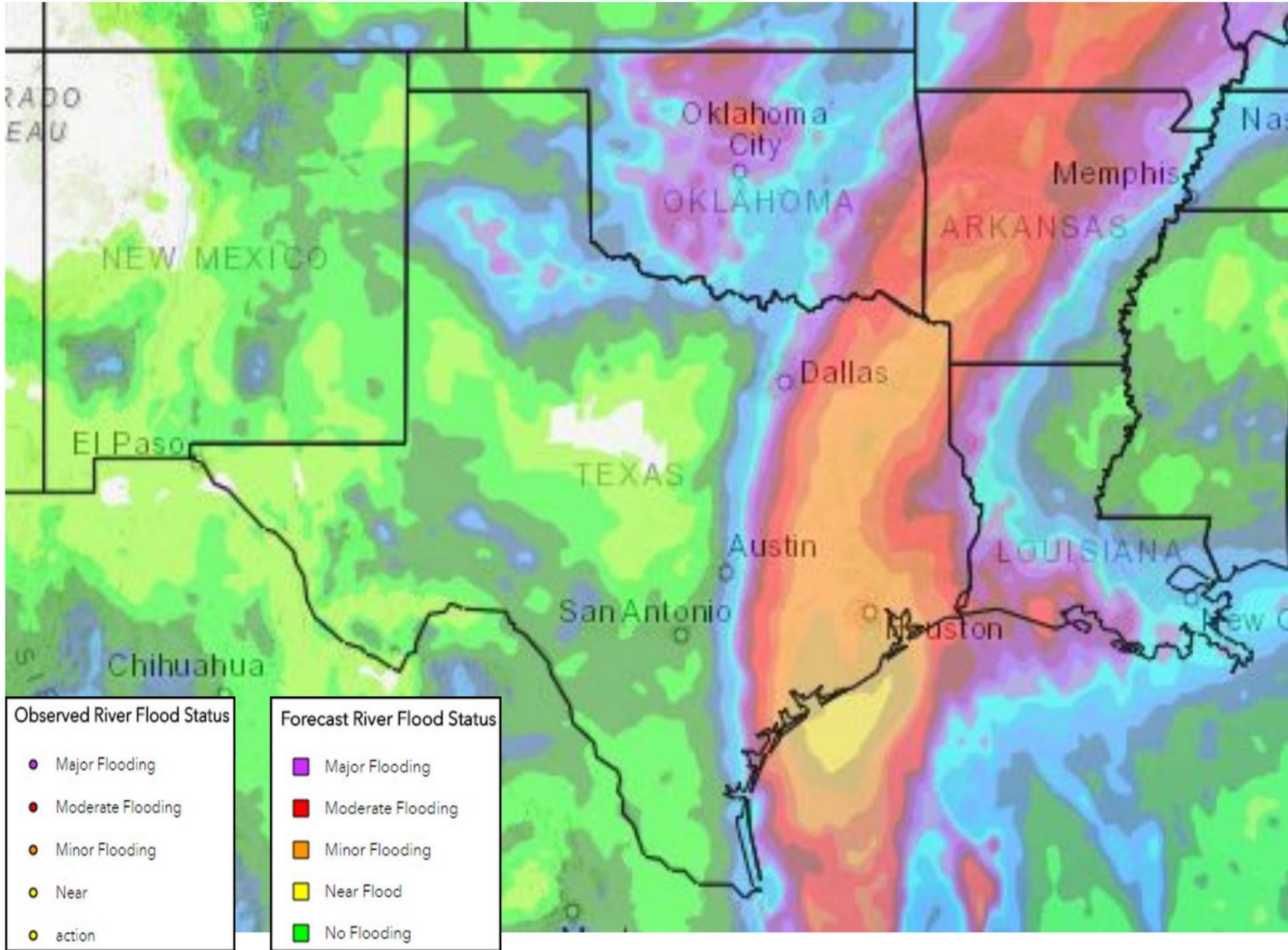
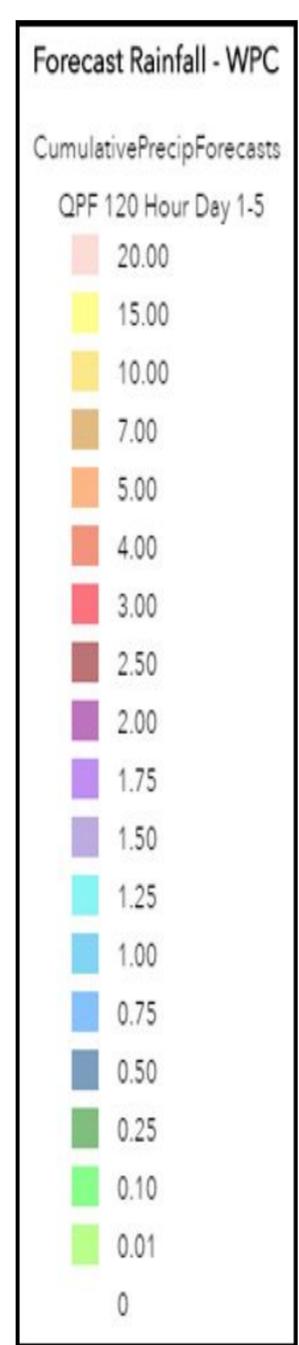


**Tropical Storm Force Winds most likely arrive by this evening. Hurricane Force winds likely near landfall location. Heavy rain of 5-108 inches with higher amounts across southeast and east Texas.**



# 5-Day Precipitation Forecast & River Flood Status

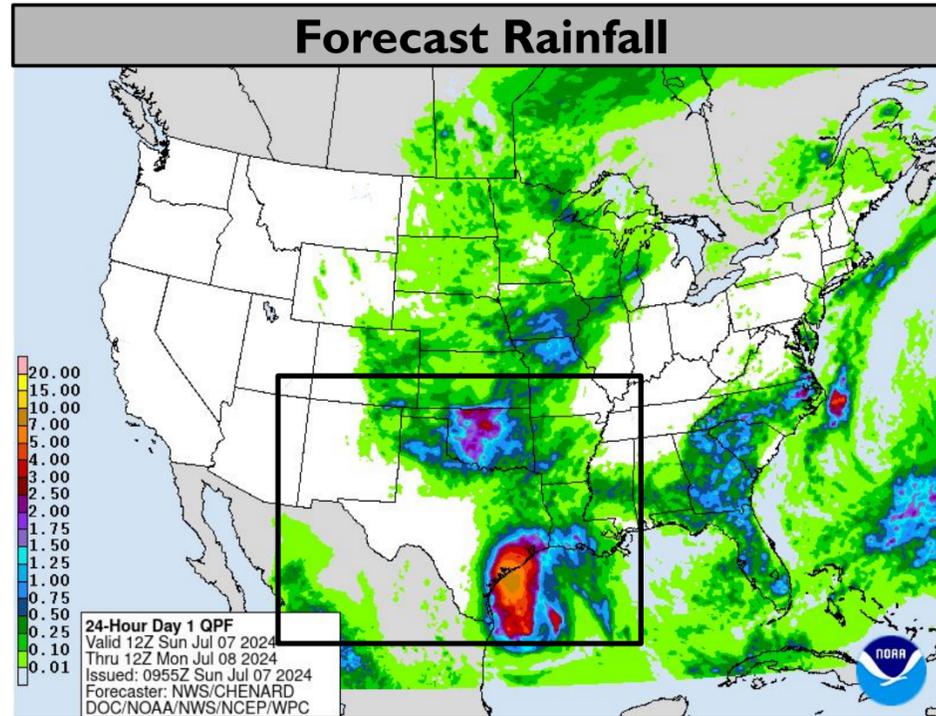
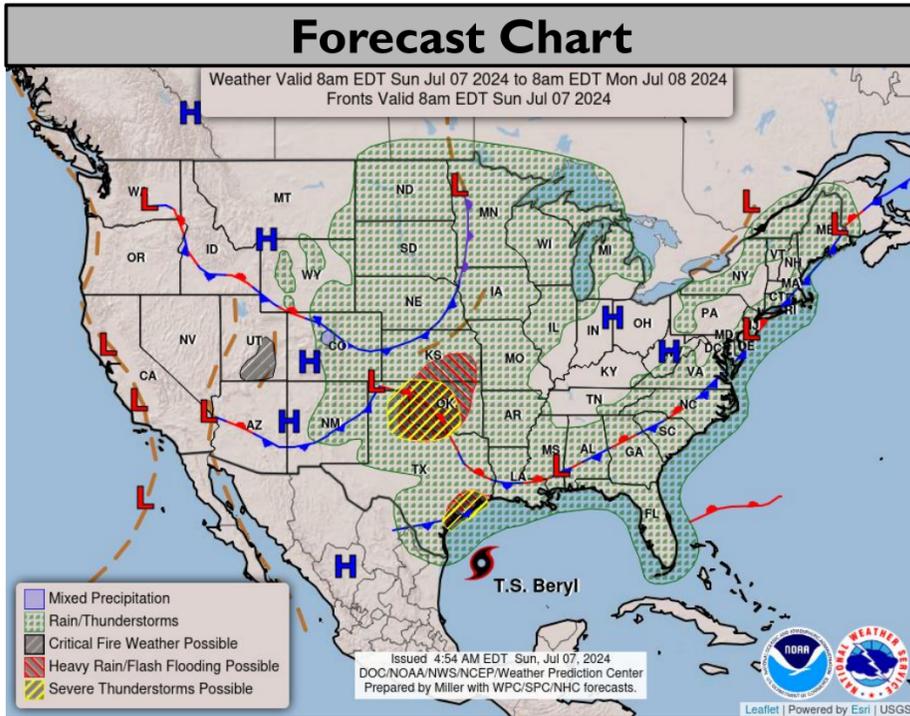
*Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall*



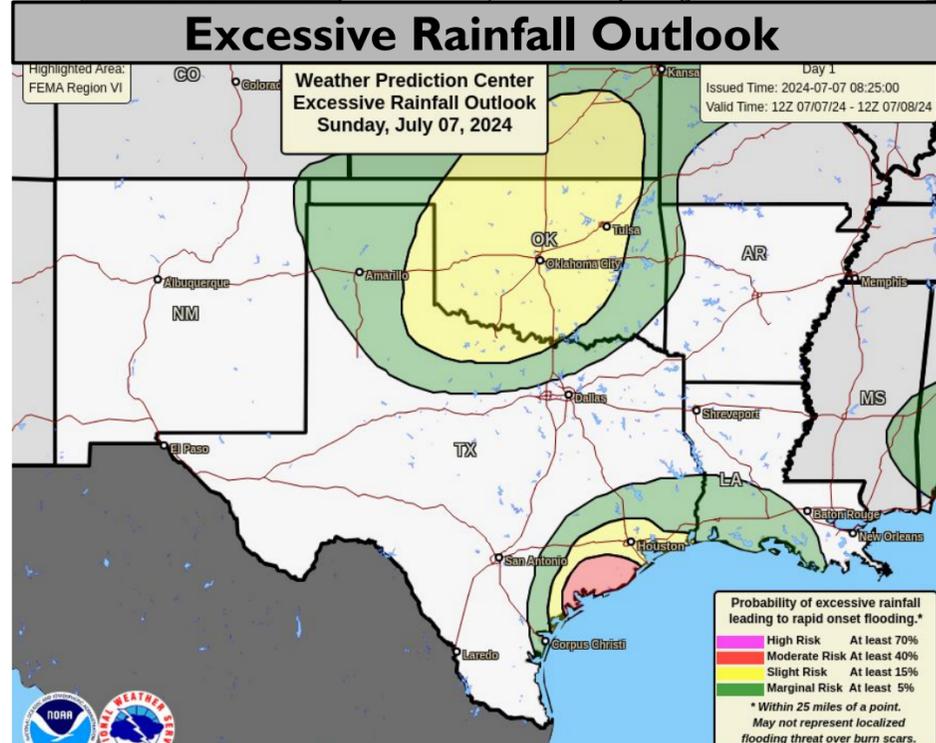
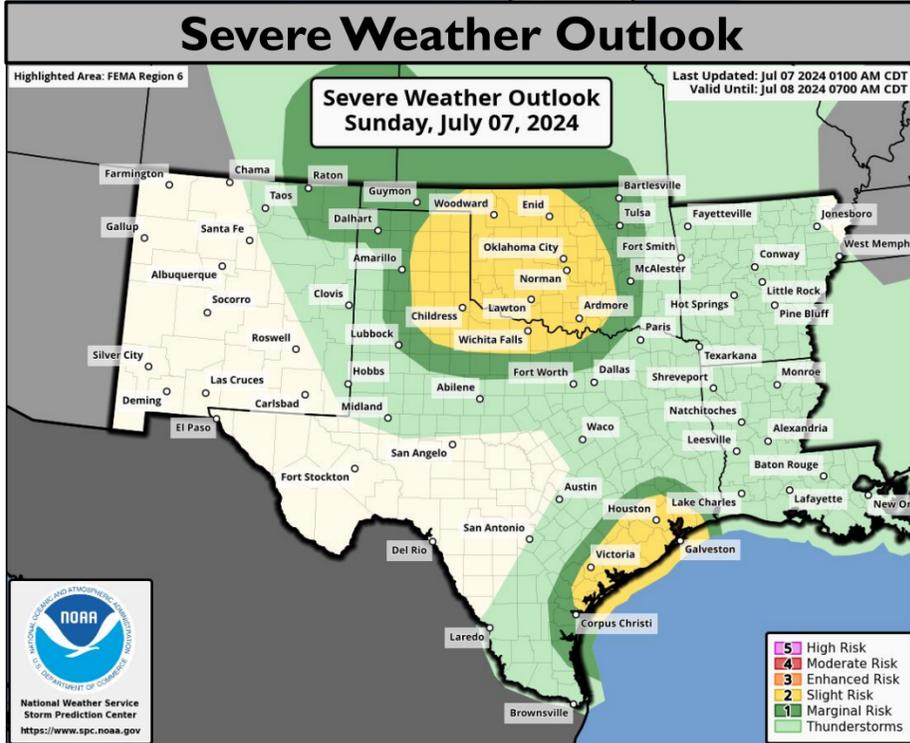
**Monitoring for river flooding impacts from Beryl through next week.**



# Today's Weather



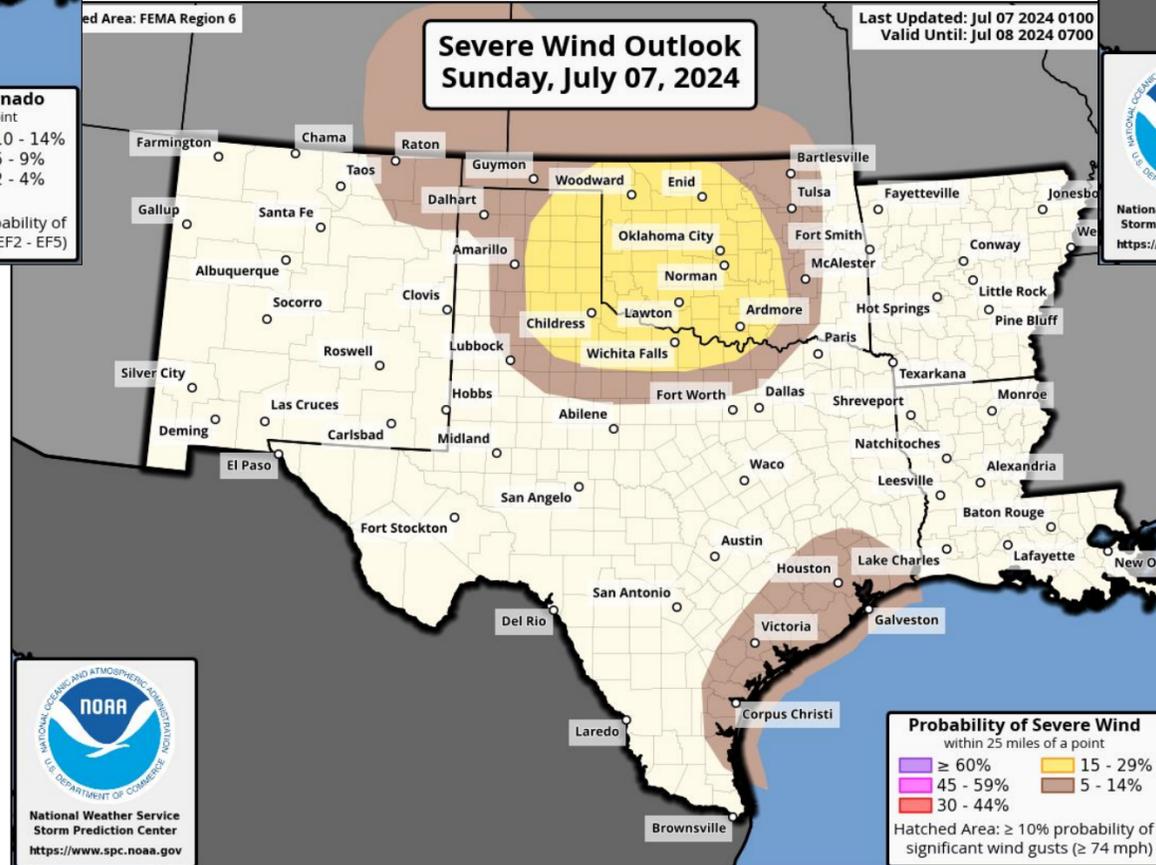
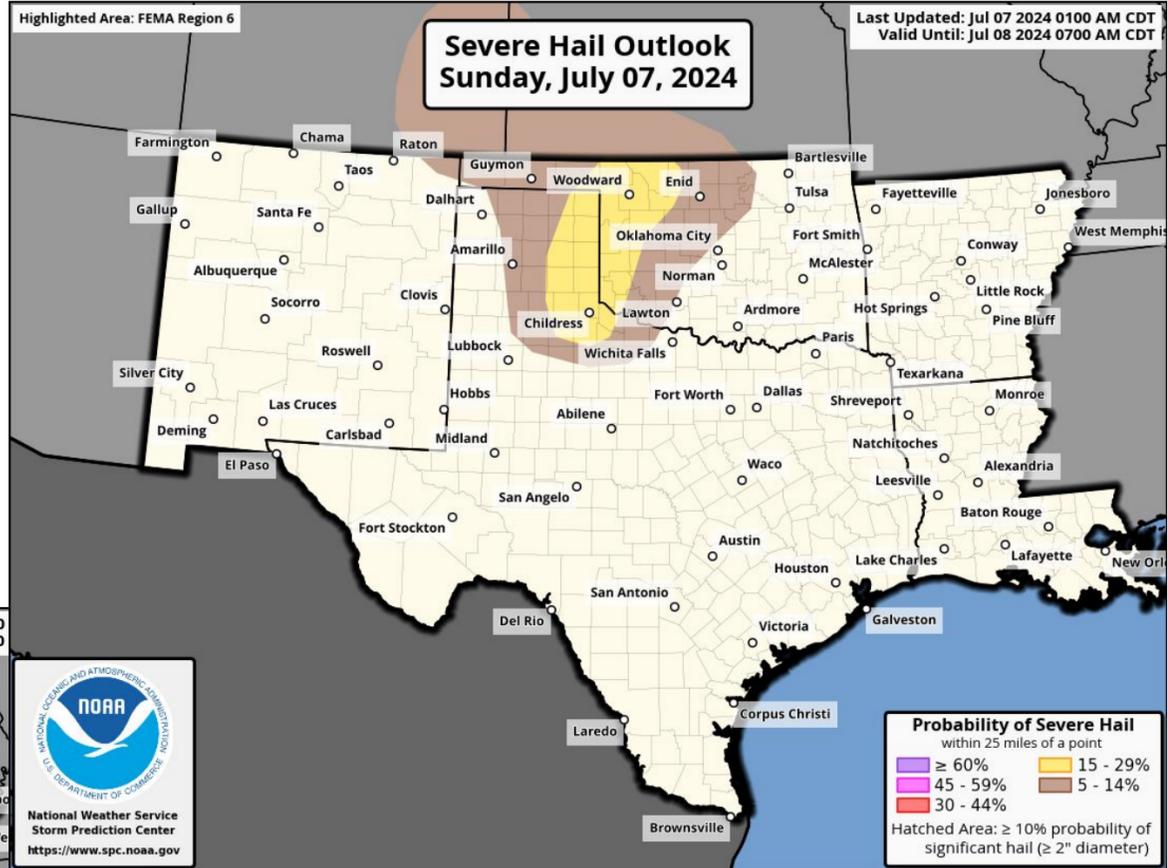
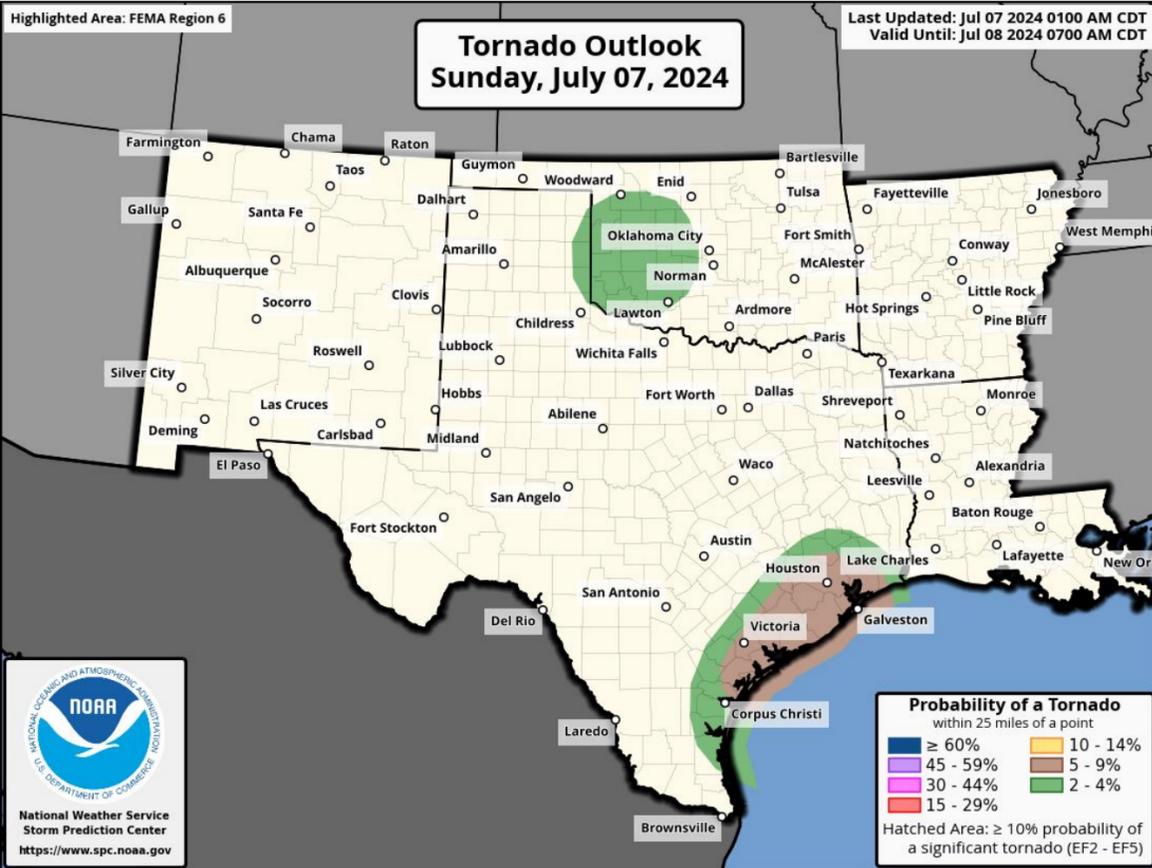
**Slight risk of severe storms and flash flooding across OK and SE TX.**





# Today's Tornado & Severe Wind / Hail Probabilities

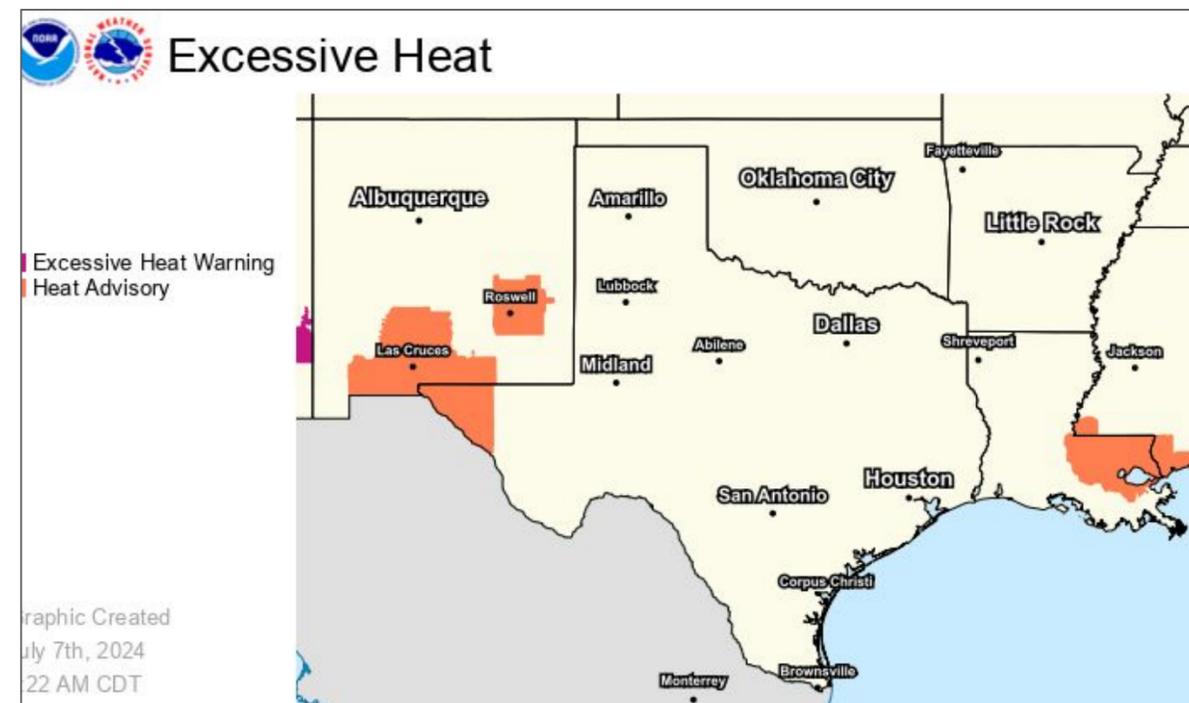
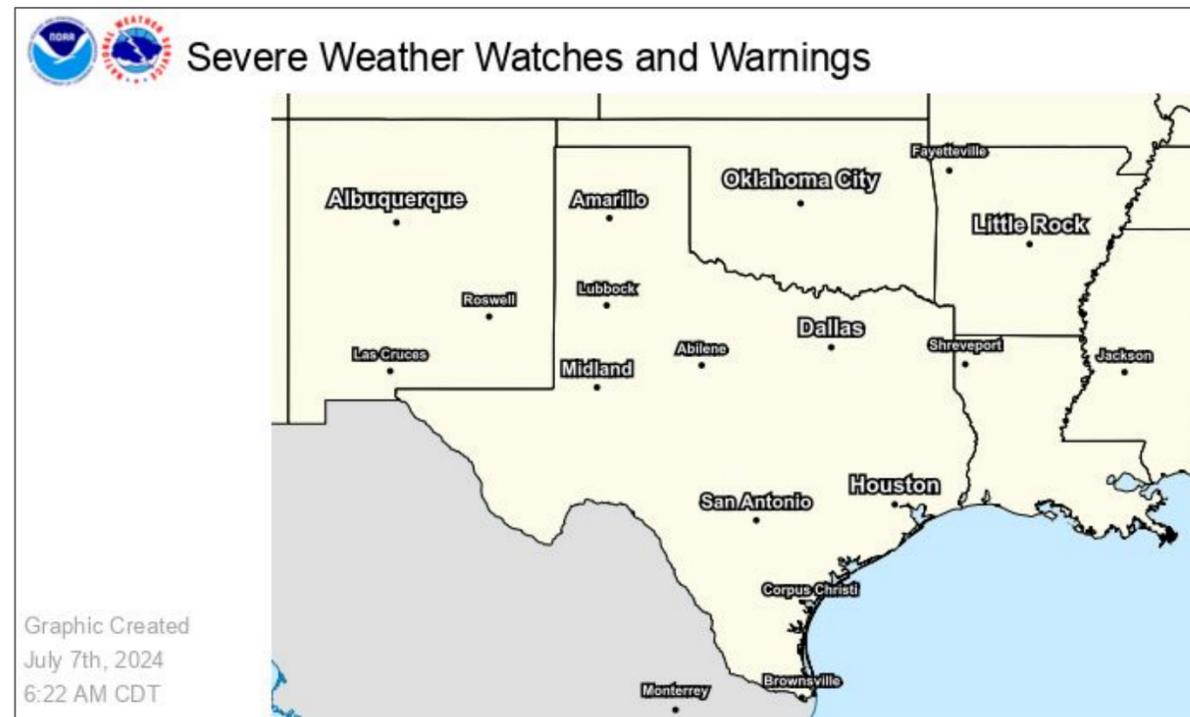
July 6, 2024





# Watches, Warnings, and Advisories

## Wind, Severe, Heat, and Flood Hazards

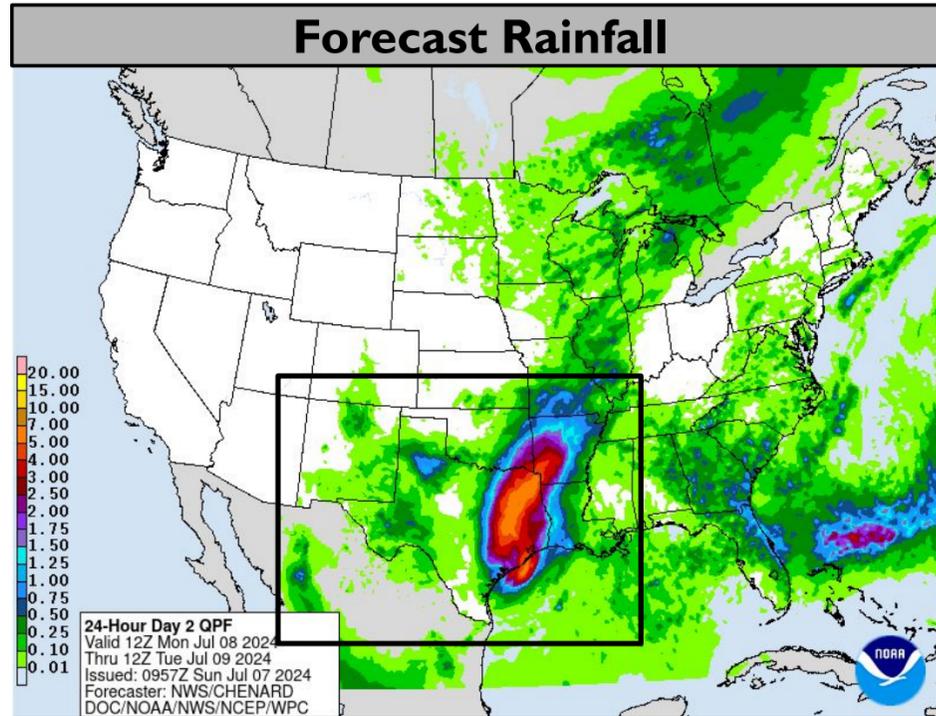
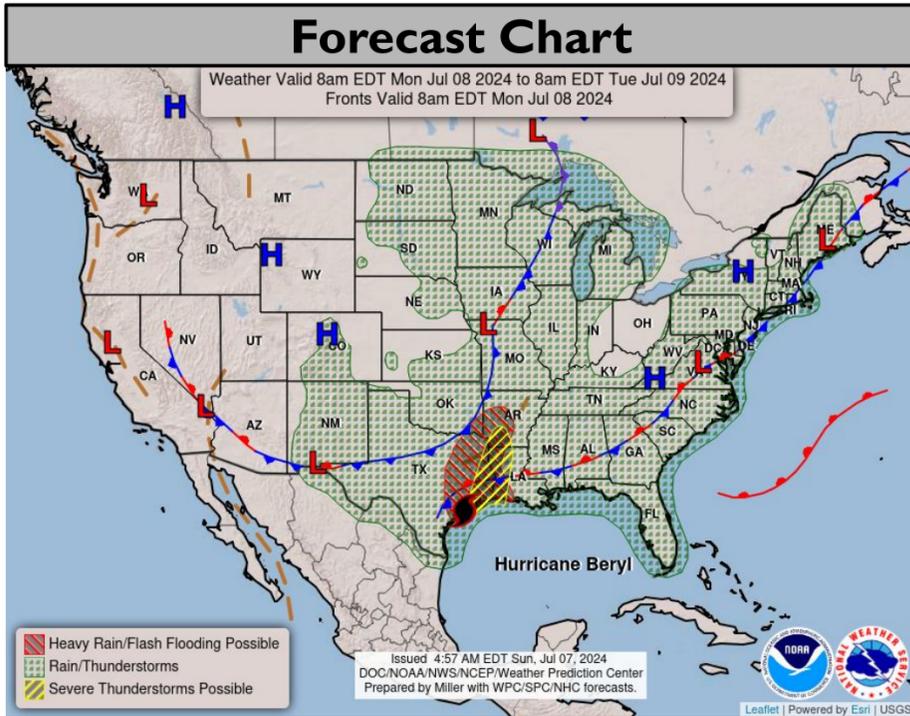


**Heat Advisories across NM and SE LA.**

**Flood Watches across OK and parts of E TX.**

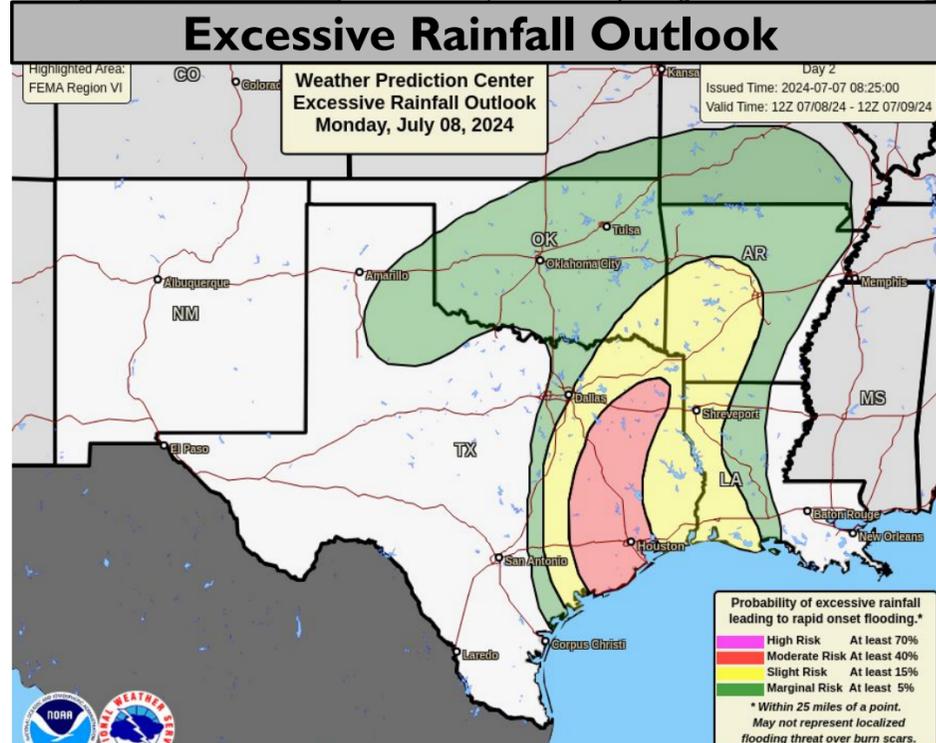
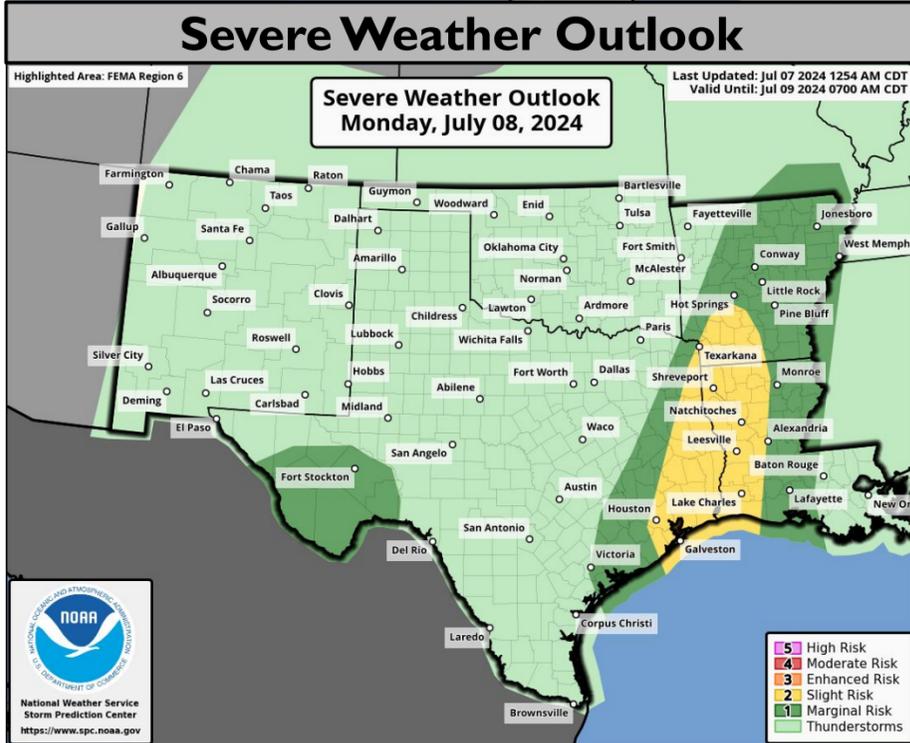


# Tomorrow's Weather



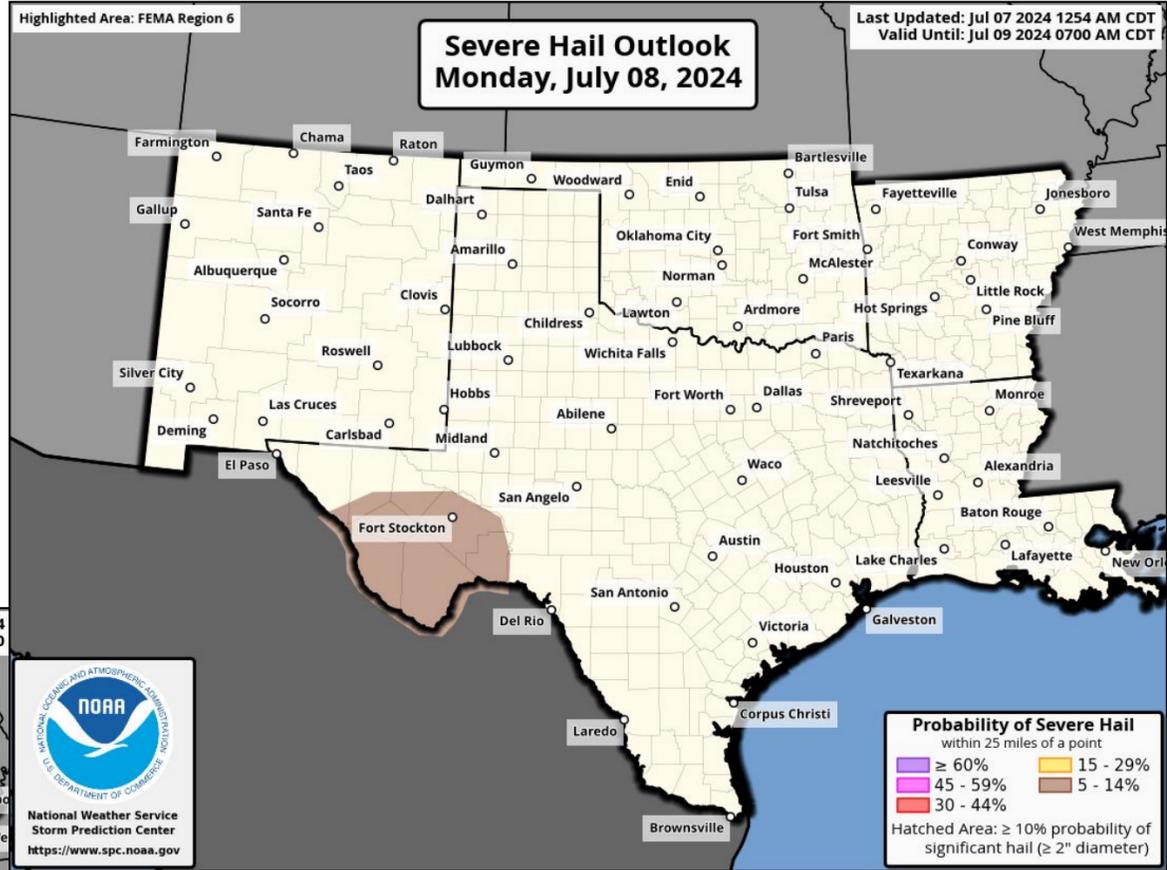
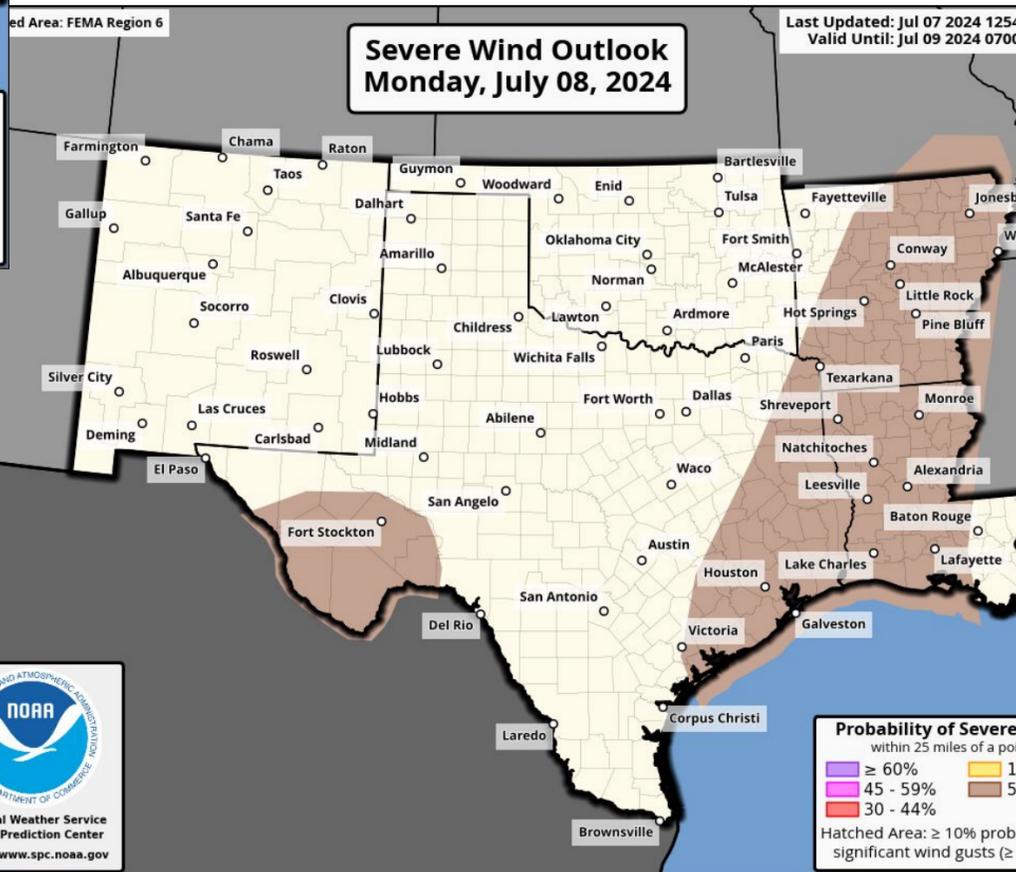
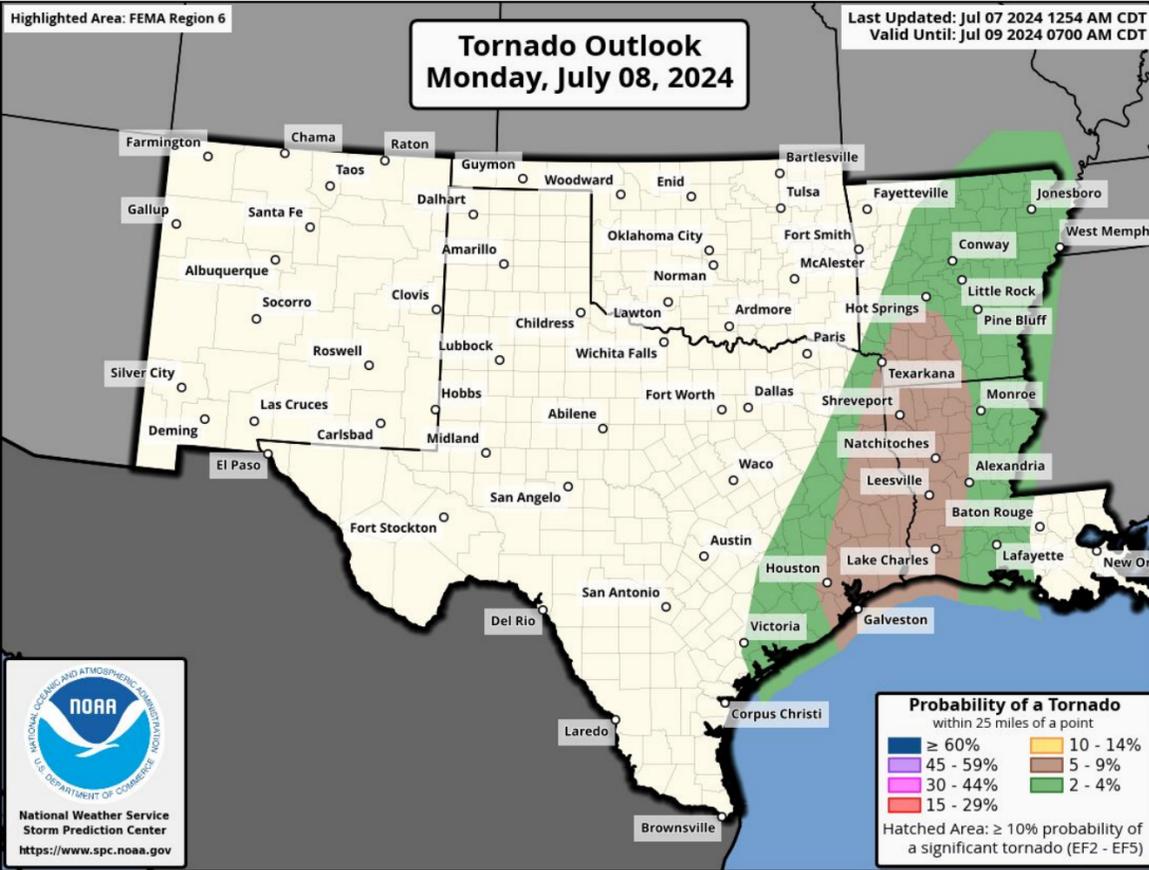
**Moderate risk of heavy rain rain/flash flooding across STX.**

**Slight risk area for severe storms with isolated tornadoes across E TX, W LA into SW AR.**





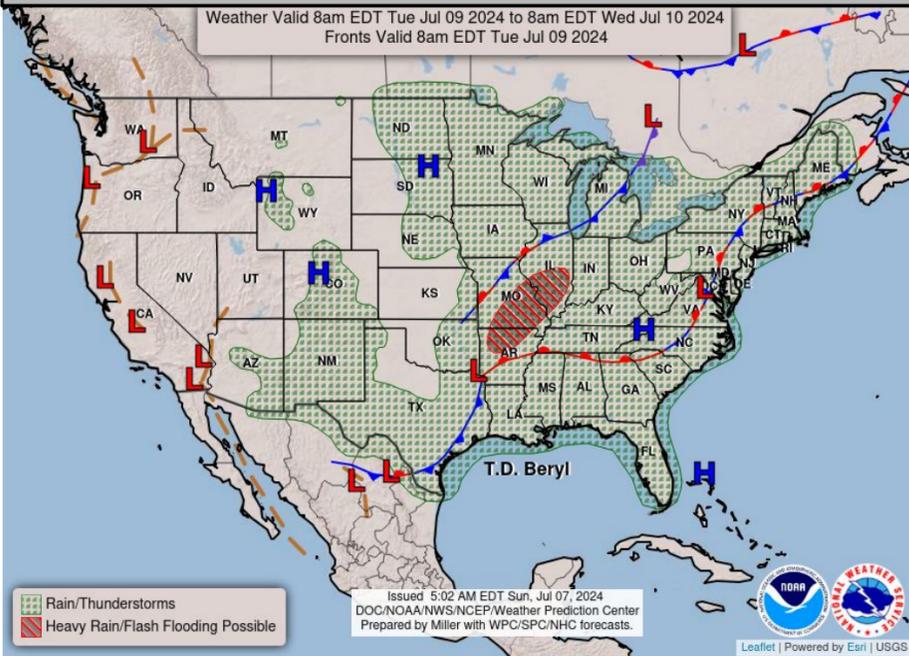
# Tomorrow's Tornado & Severe Wind / Hail Probabilities



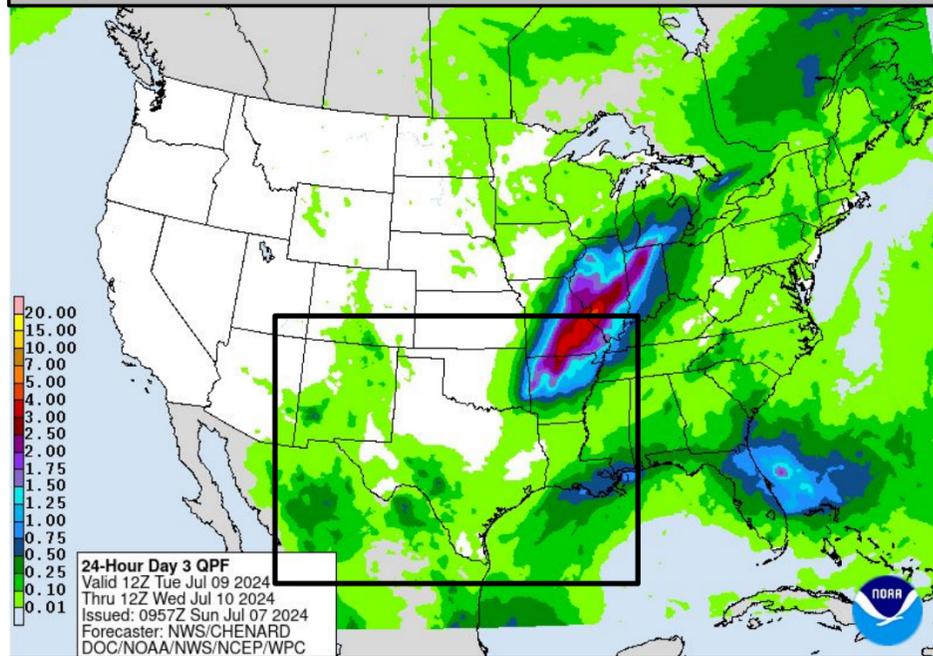


# Tuesday's Weather

## Forecast Chart



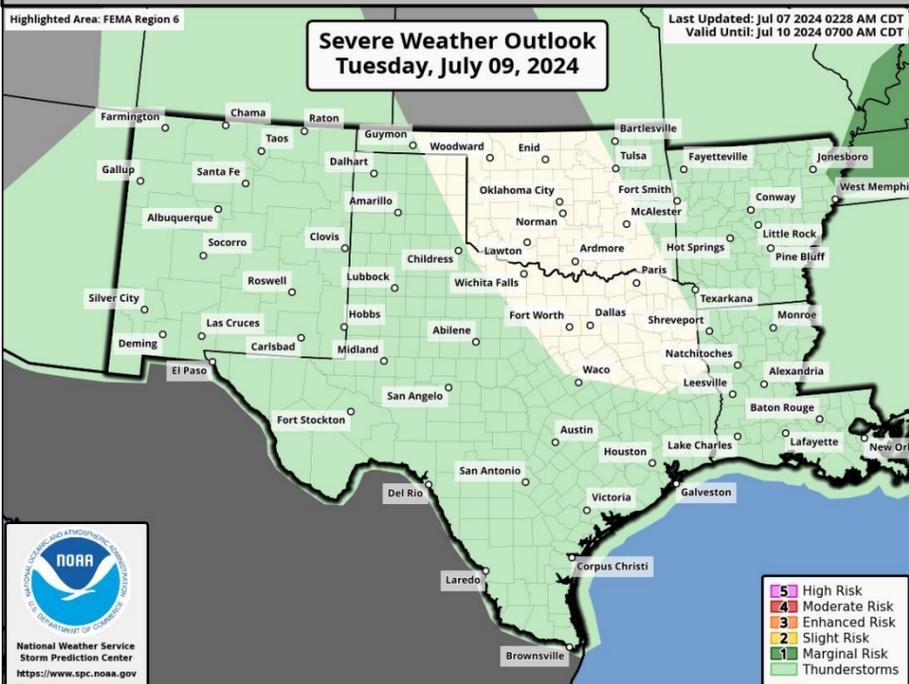
## Forecast Rainfall



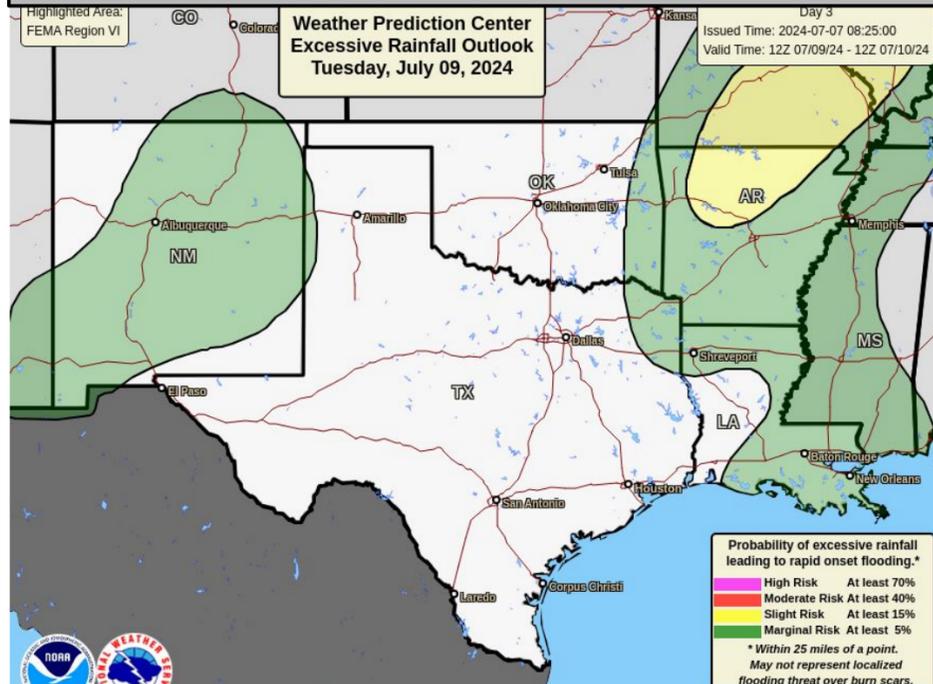
**Slight risk of heavy rain/flash flooding across AR.**

**Flash flooding across burn scar areas in NM.**

## Severe Weather Outlook



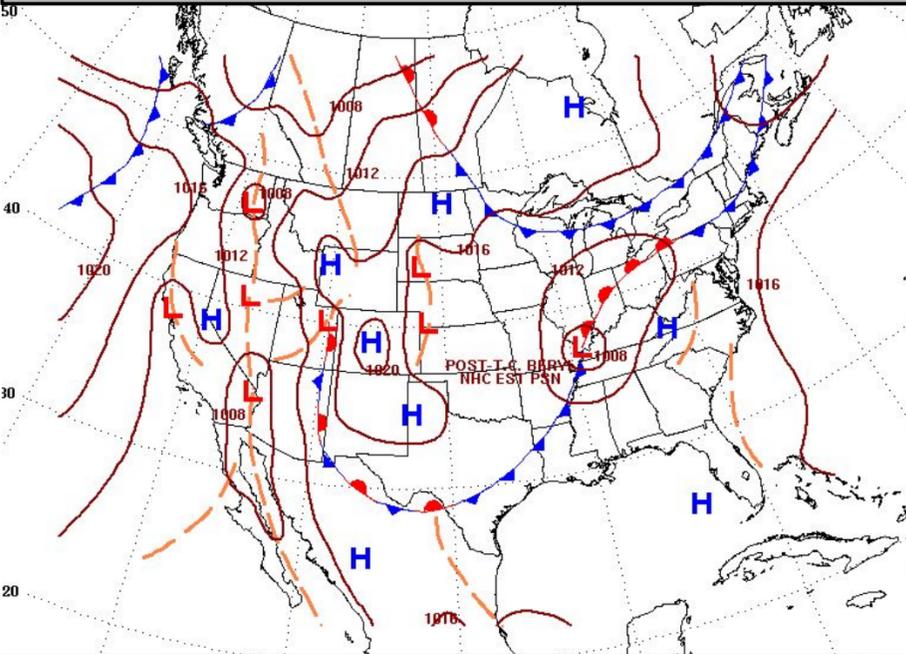
## Excessive Rainfall Outlook



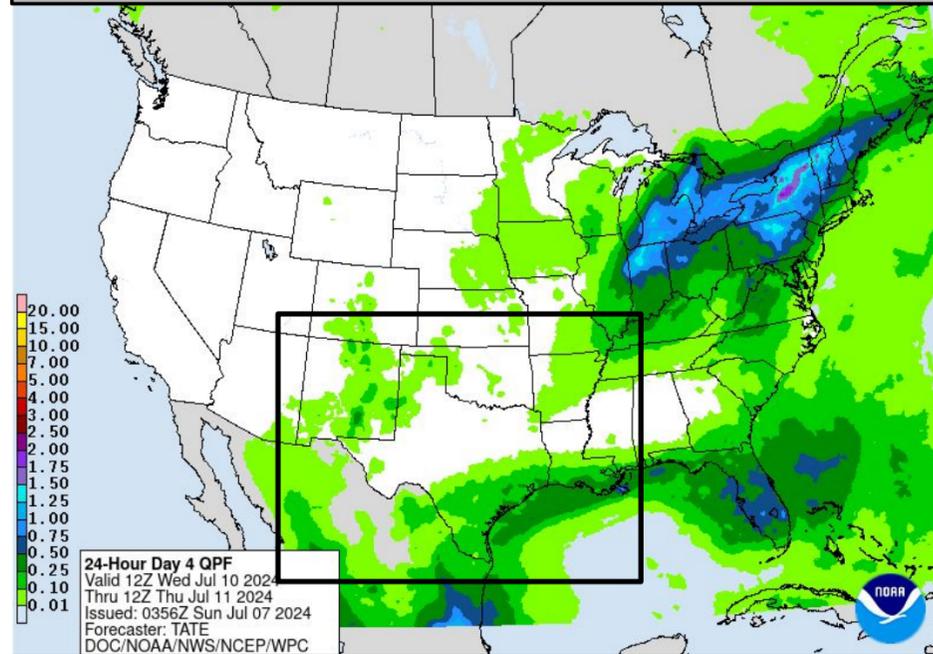


# Wednesday's Weather

### Forecast Chart

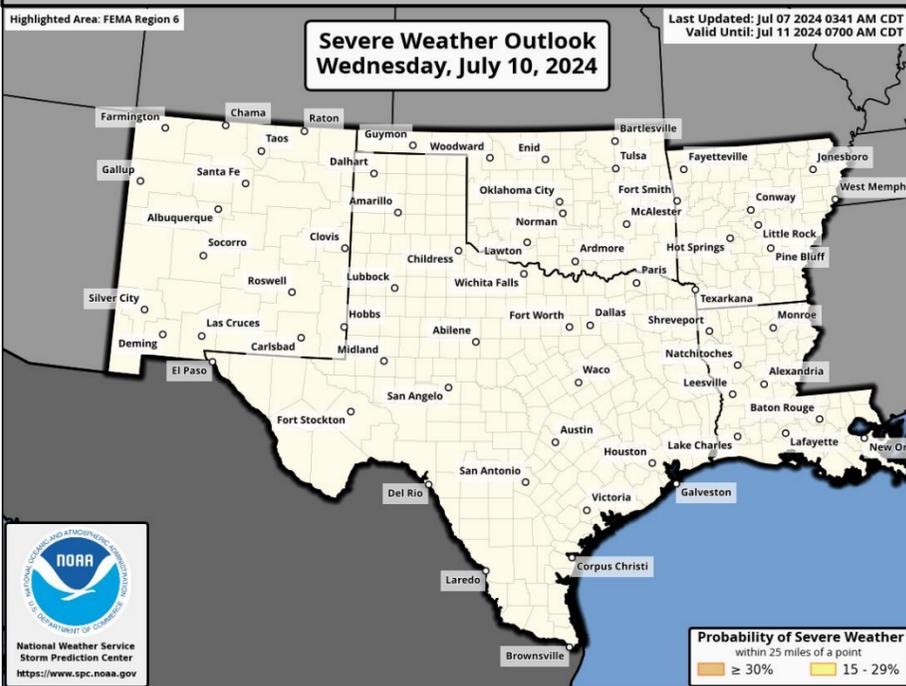


### Forecast Rainfall

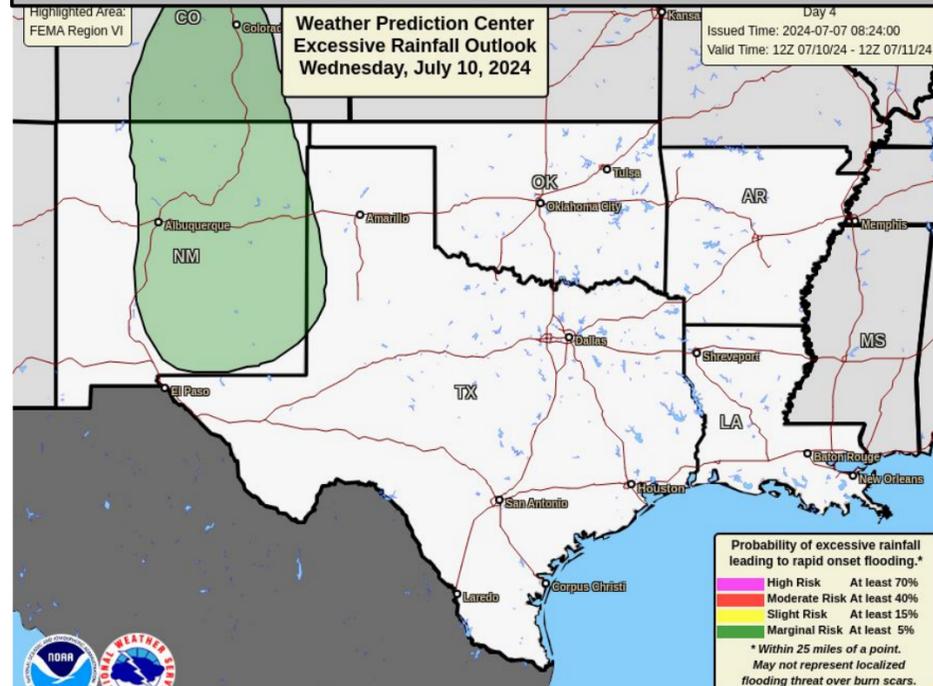


**Flash flooding across burn scar areas in NM.**

### Severe Weather Outlook



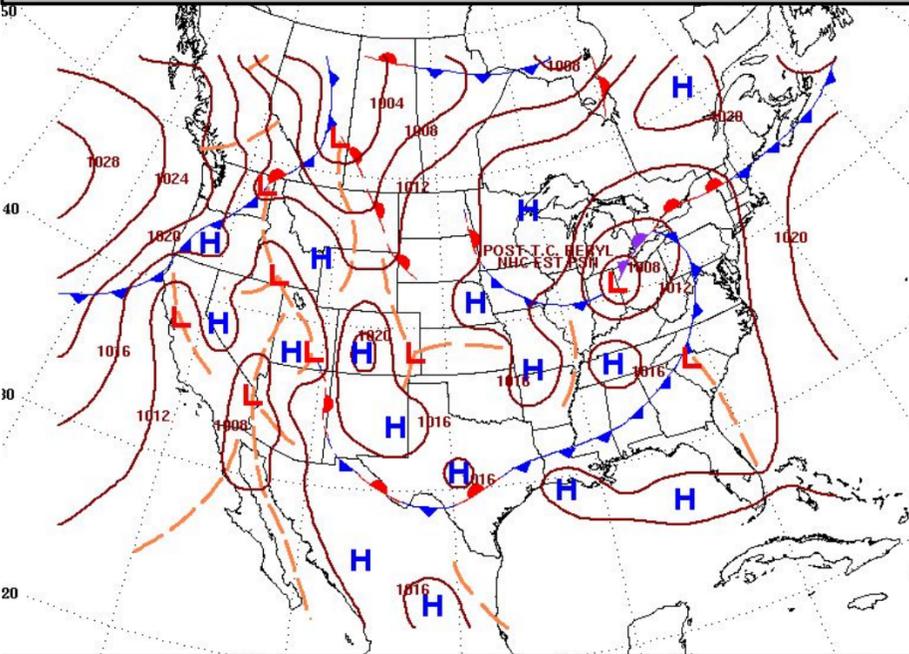
### Excessive Rainfall Outlook



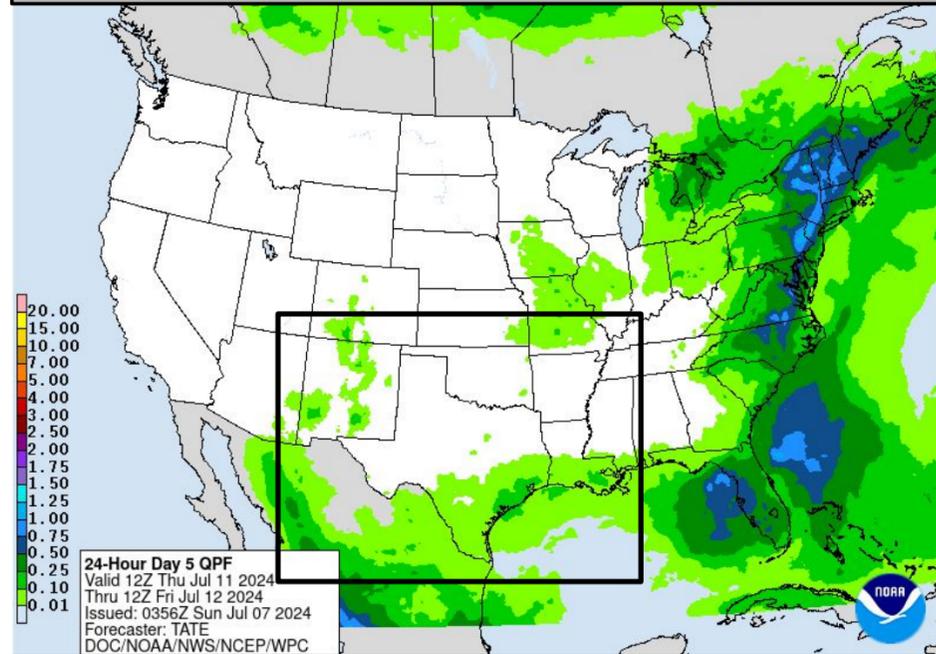


# Thursday's Weather

### Forecast Chart

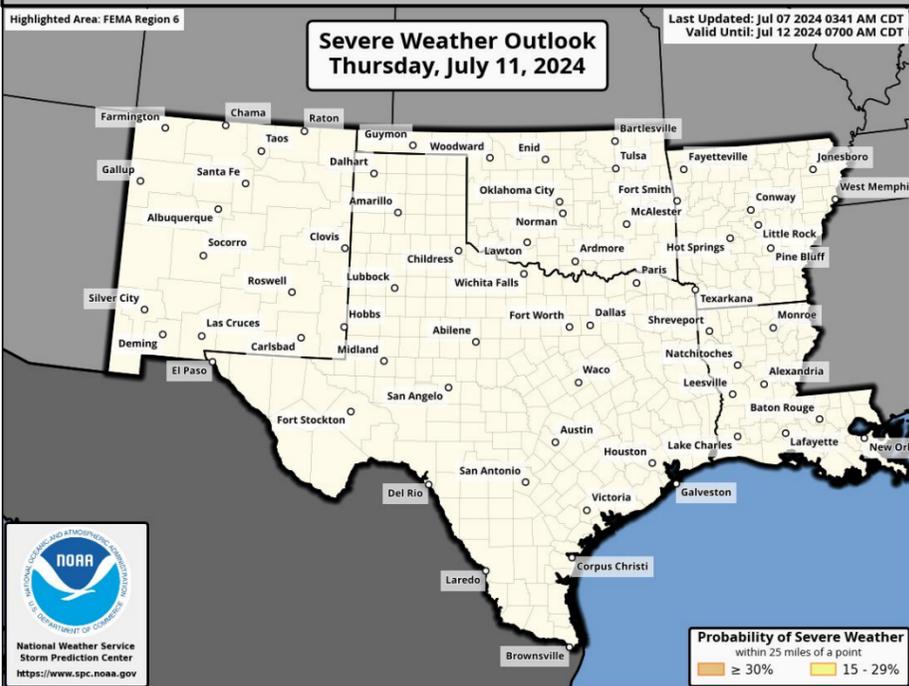


### Forecast Rainfall

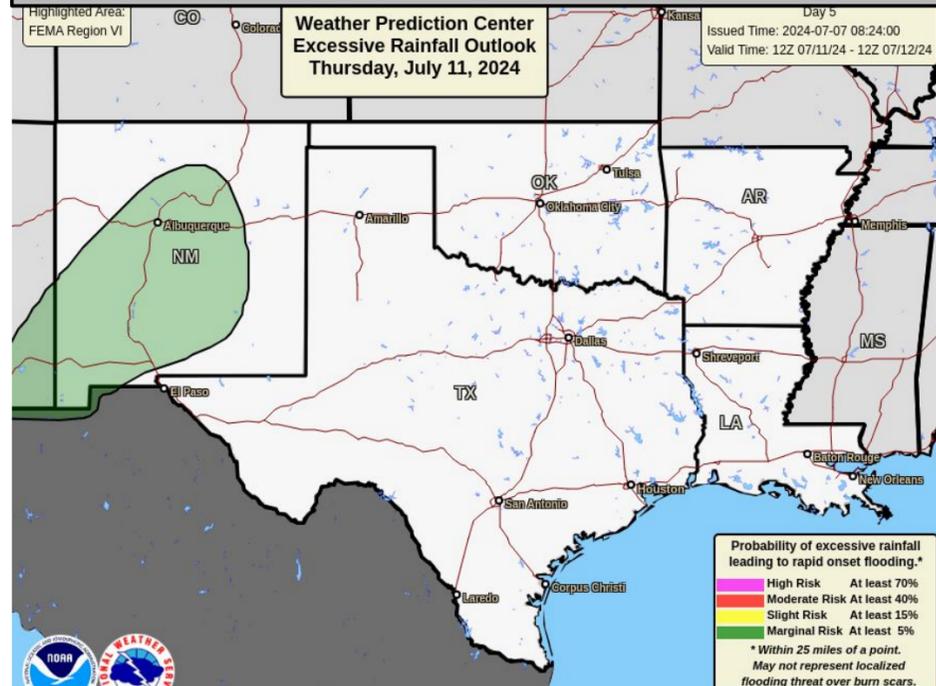


**No significant weather expected.**

### Severe Weather Outlook



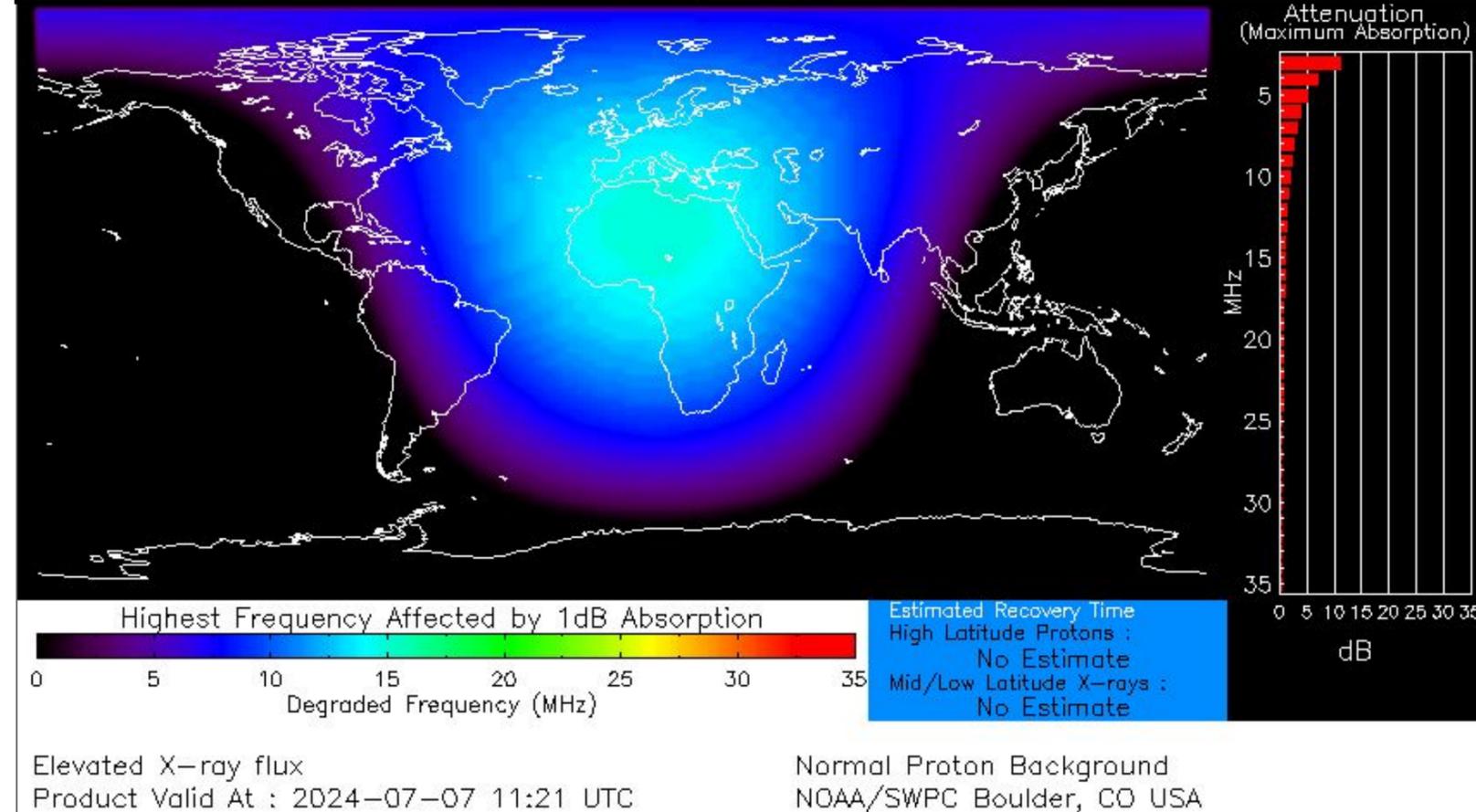
### Excessive Rainfall Outlook





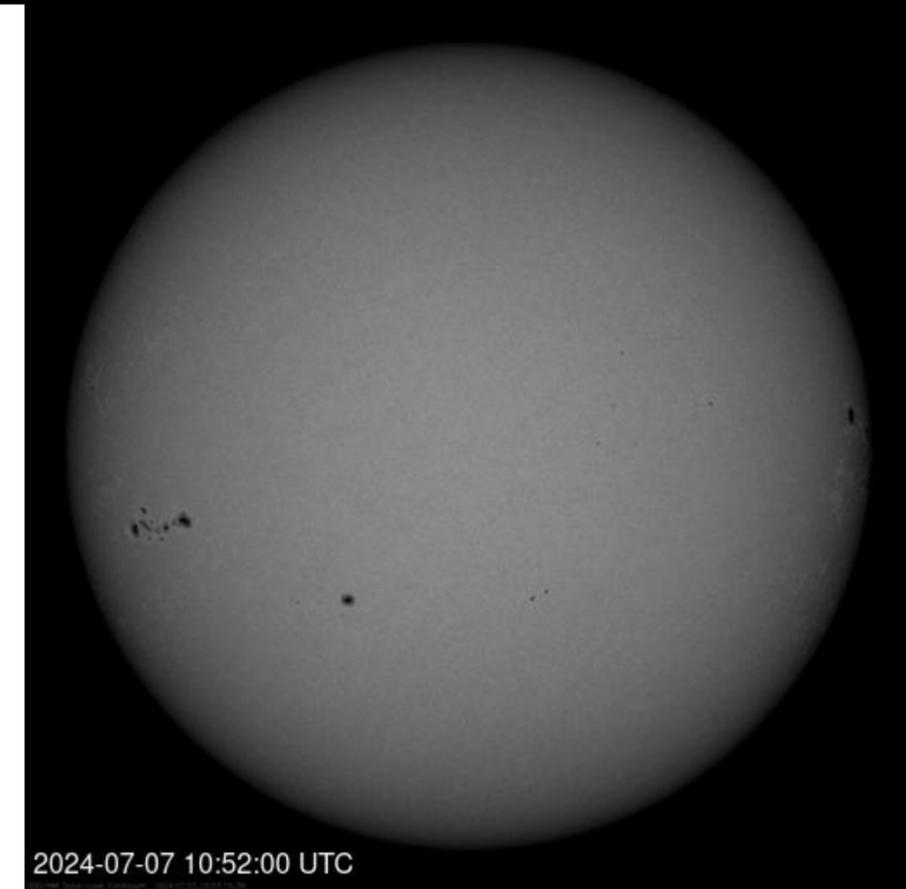
# Space Weather 3-Day Forecast

	Sunday, Jul 7	Monday, Jul 8	Tuesday, Jul 9
<b>Geomagnetic Storms</b>	<b>Quiet (Max Kp = 2)</b>	<b>Unsettled (Max Kp = 3)</b>	<b>Unsettled (Max Kp = 3)</b>
<b>Solar Radiation Storm (S1-S5)</b>	<b>5%</b>	<b>5%</b>	<b>5%</b>
<b>Radio Blackout (R1-R2)</b>	<b>40%</b>	<b>40%</b>	<b>40%</b>
<b>Radio Blackout (R3-R5)</b>	<b>5%</b>	<b>5%</b>	<b>5%</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

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