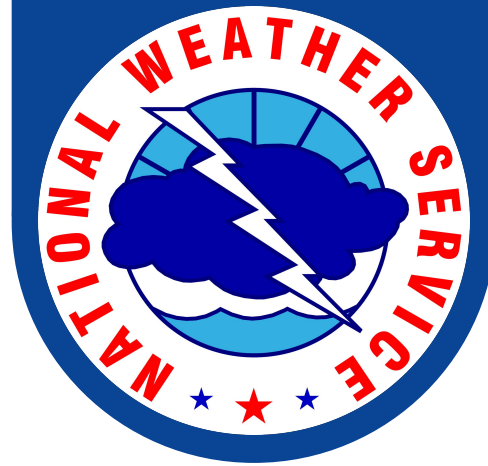




# FEMA



Prepared by  
*Melissa Huffman*

# FEMA Region 6 Weather Threat Briefing

## Saturday, August 17, 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

- **Excessive heat across most of FEMA 6 through the weekend and then over NM, SW OK, TX through mid-week.**
- **Elevated risk for significant wildfires across SW OK, NW TX through mid-week.**
- **Slight risk for severe storms across SE AR on Sunday.**
- **Hurricane Ernesto will stay in the Atlantic with no impacts to FEMA 6.**





# FEMA Region 6 Threat Matrix

Next 5 Days

	Saturday, Aug 17	Sunday, Aug 18	Monday, Aug 19	Tuesday, Aug 20	Wednesday, Aug 21
Severe Storms	SE OK, NE TX, S AR, N LA	SE AR	SE OK, SW AR, E TX, W LA		
Heavy Rain / Flash Flooding	E OK, AR, E LA	NW NM			
Fire Weather	SW OK, NW TX	SW OK, NW TX	SW OK, NW TX	SW OK, NW TX	SW OK, NW TX
Wind					
Heat	Most of FEMA 6	Most of FEMA 6	NM, S OK, TX, LA	NM, SW OK, TX	NM, SW OK, TX
Tropical					
River Flooding					

*\*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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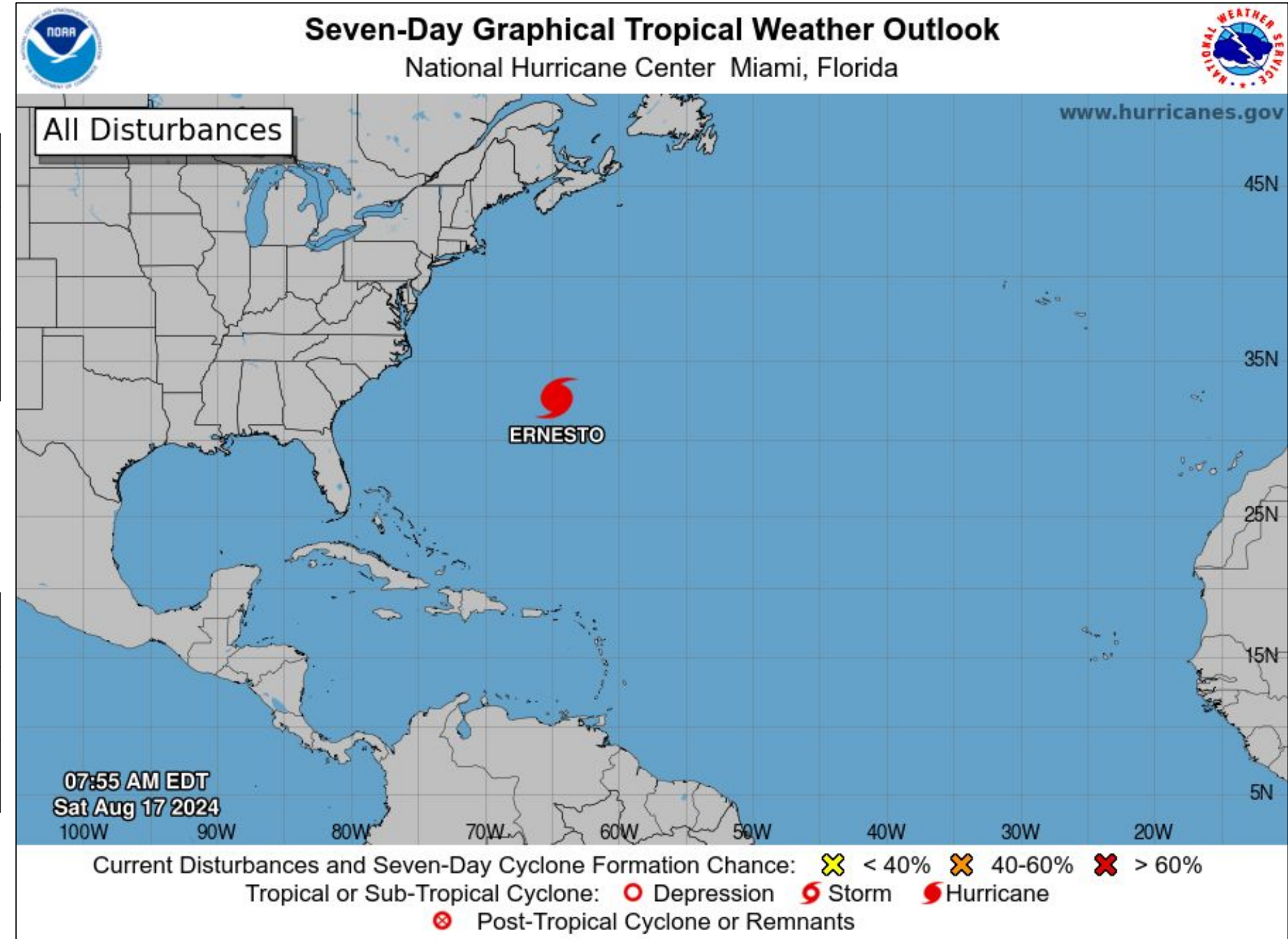
# Tropical Weather Outlook – Atlantic/Gulf

## Areas of Possible Development

Area	Chance of Development	Potential Impacts to FEMA 6

## Active Tropical Cyclones

Storm	Potential Impacts to FEMA 6
Ernesto	None.



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

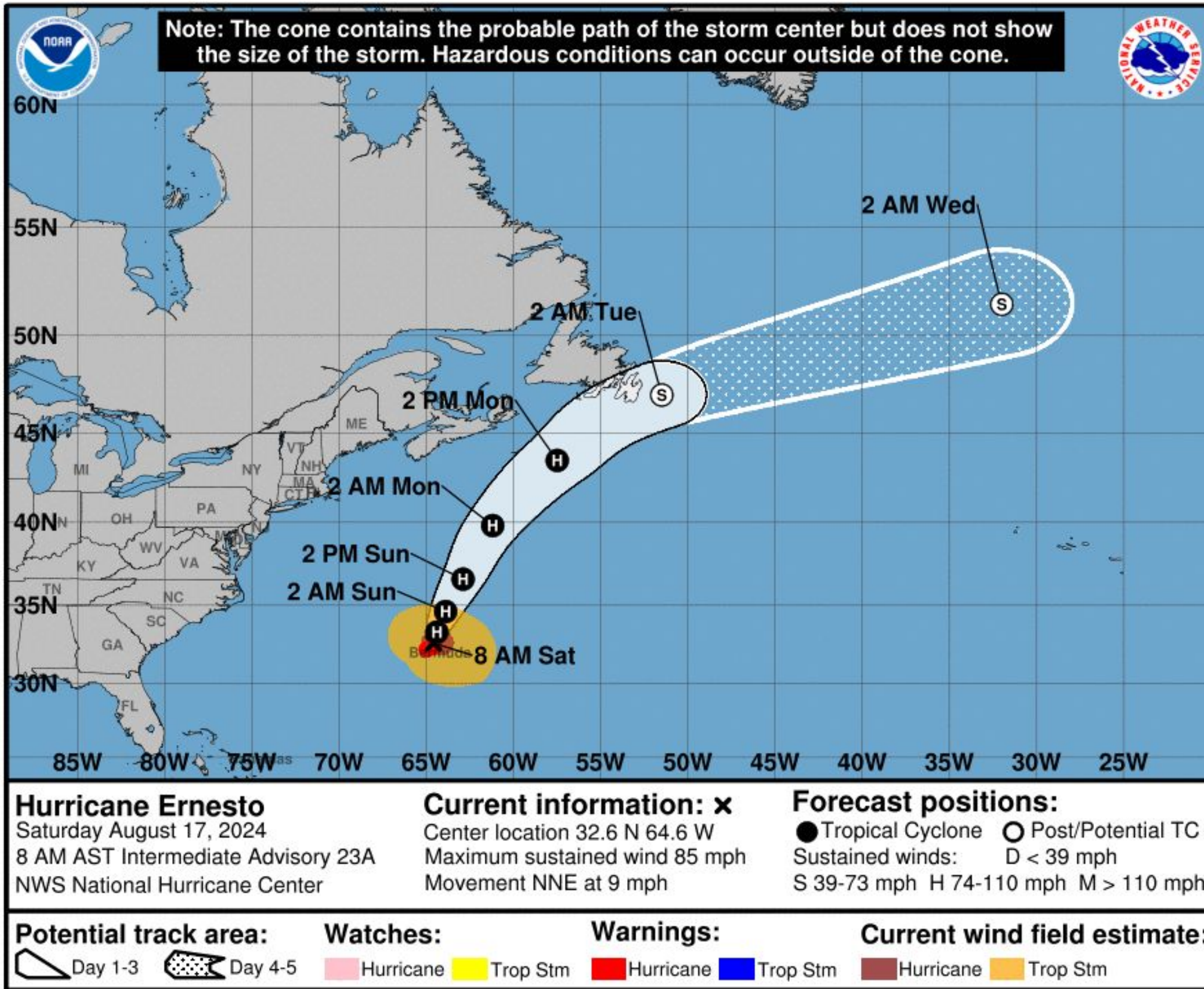




# Ernesto

5:04 PM

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



No impacts to FEMA Region 6.

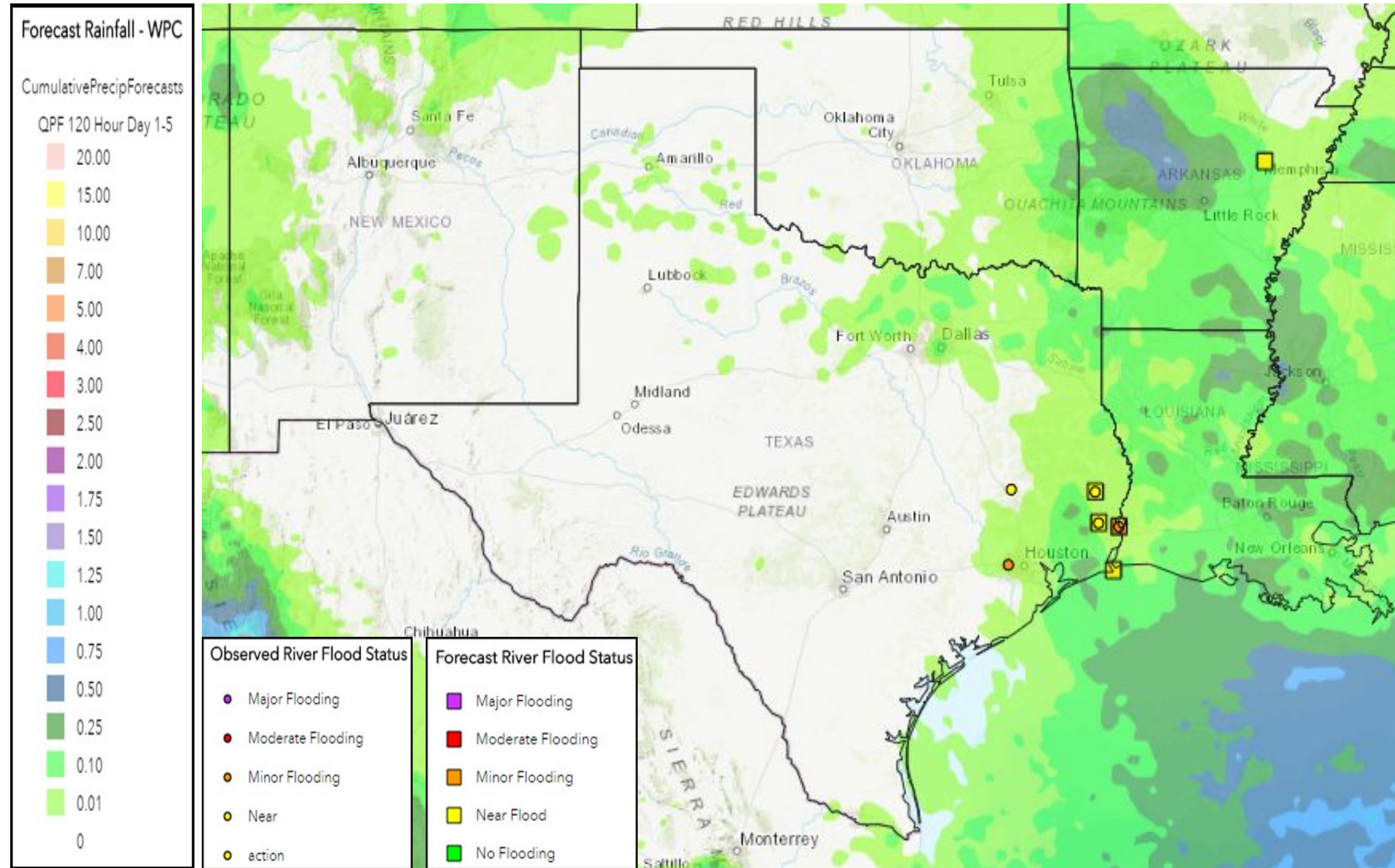






# 5-Day Precipitation Forecast & River Flood Status

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



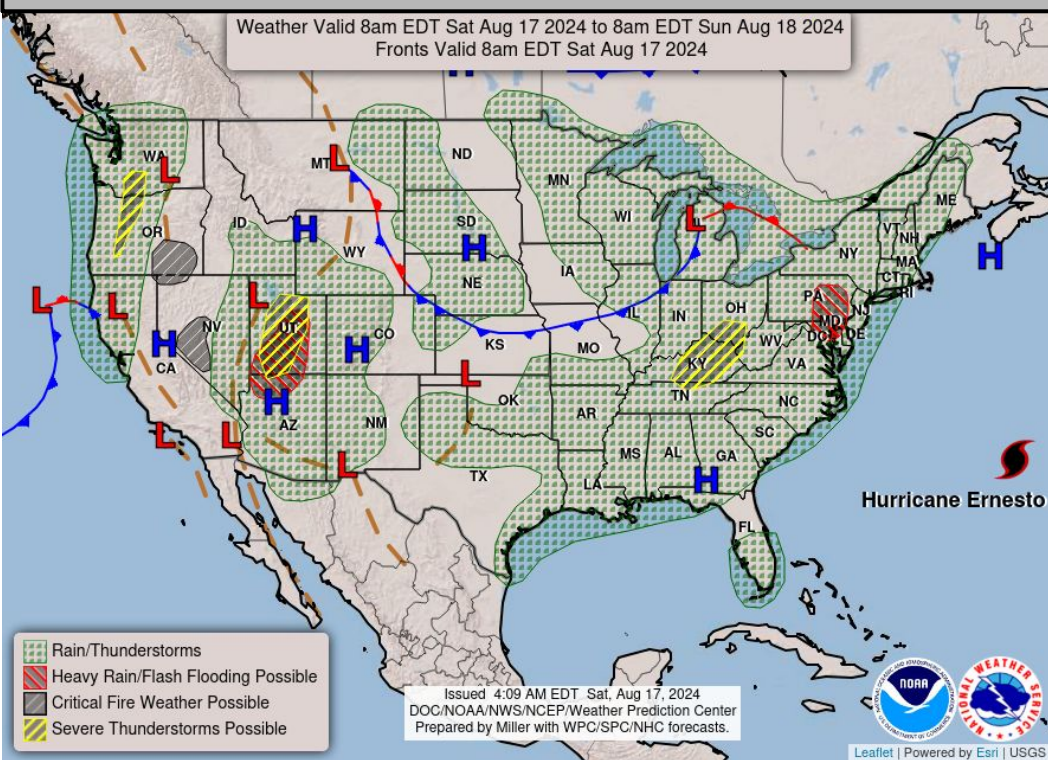
**Minor river flooding for Sabine River at Deweyville. No significant impacts.**



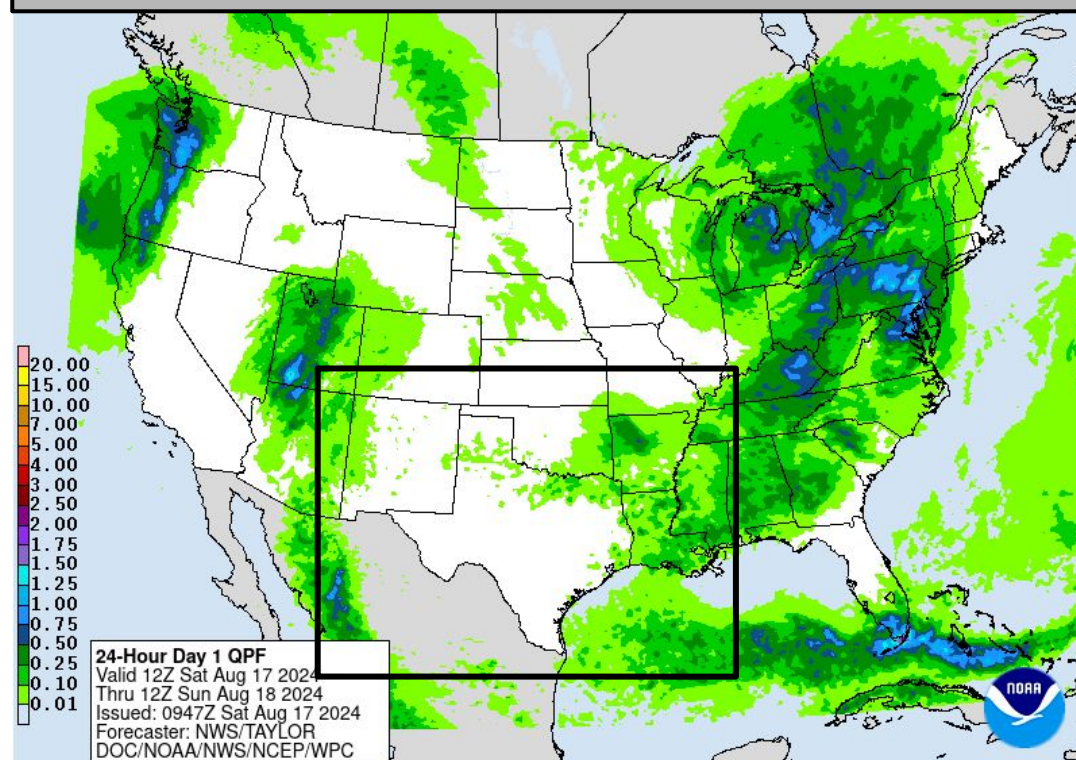


# Today's Weather

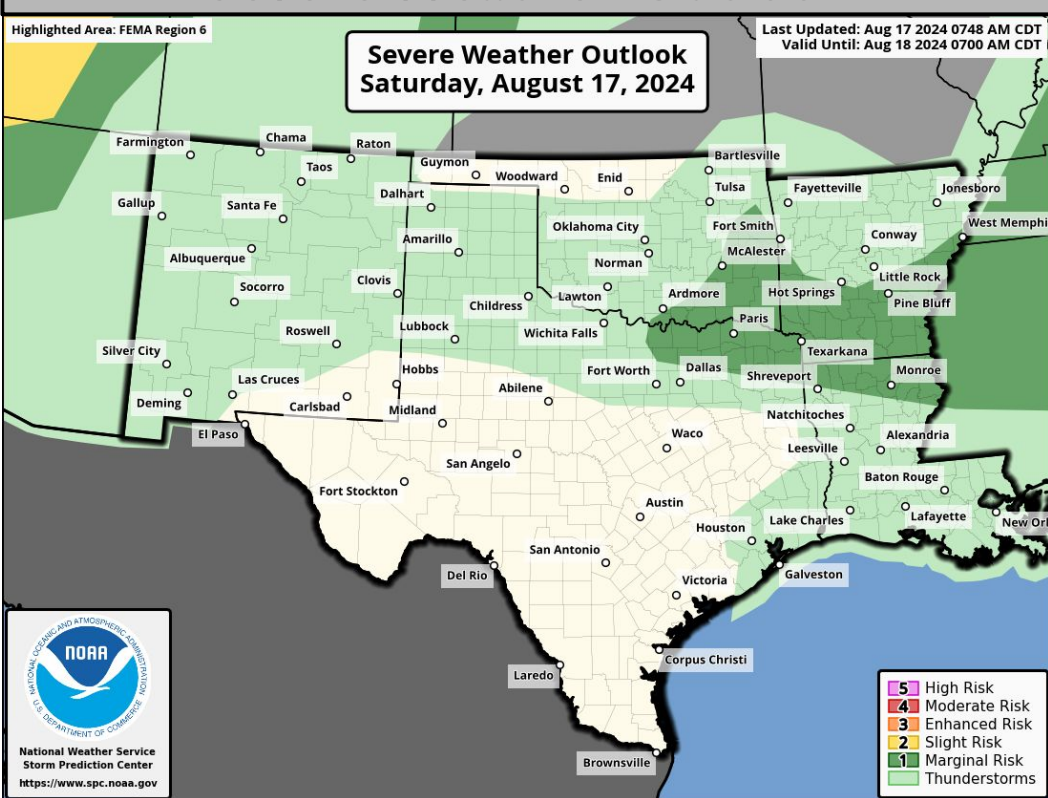
## Forecast Chart



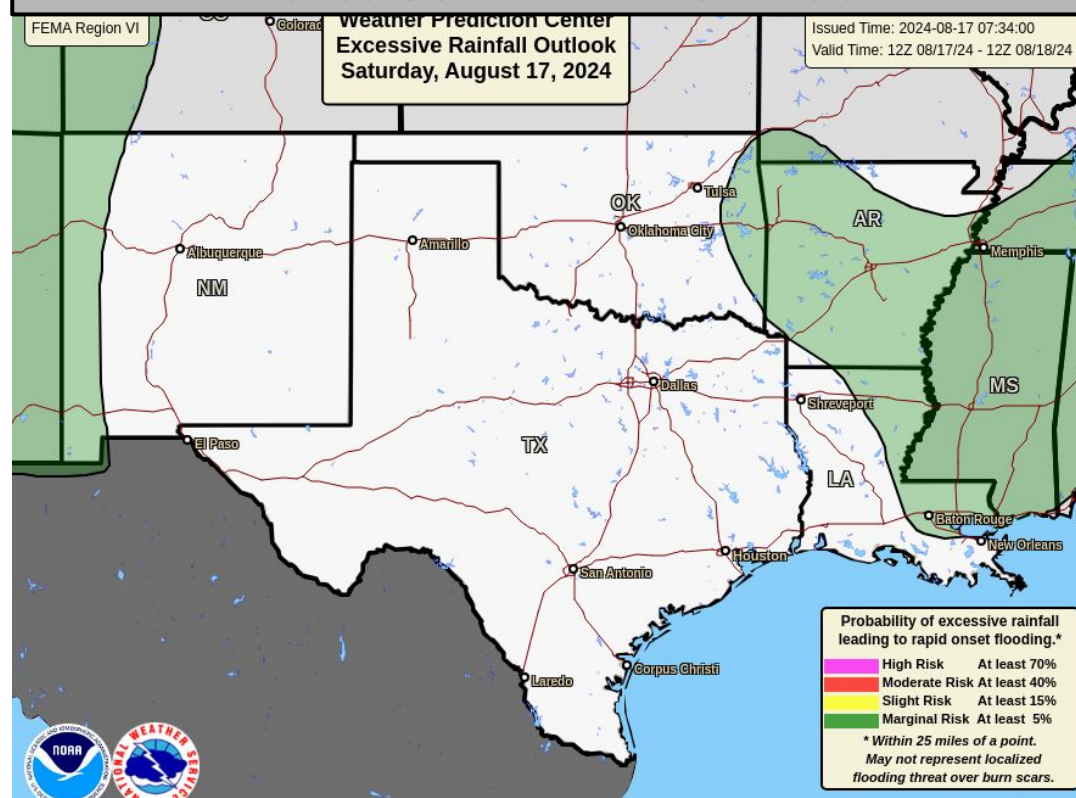
## Forecast Rainfall



## Severe Weather Outlook



## Excessive Rainfall Outlook



**Excessive heat across Most of FEMA 6.**

**Wildfire threat over SW OK, NW TX.**

**Marginal risk for severe storms across SE OK, NE TX, S AR, N LA.**

**Marginal risk for excessive rainfall over E OK, AR, E LA.**

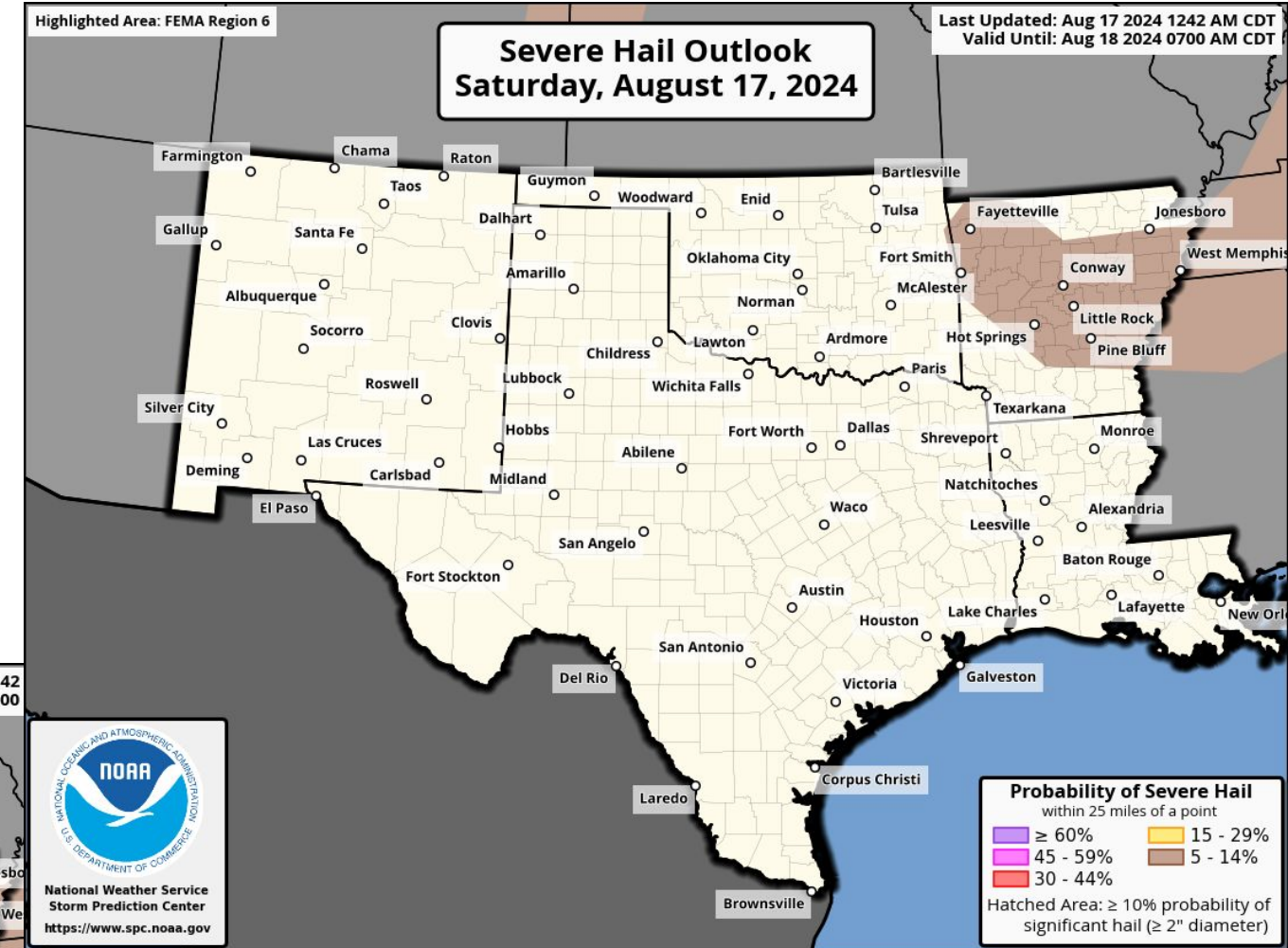
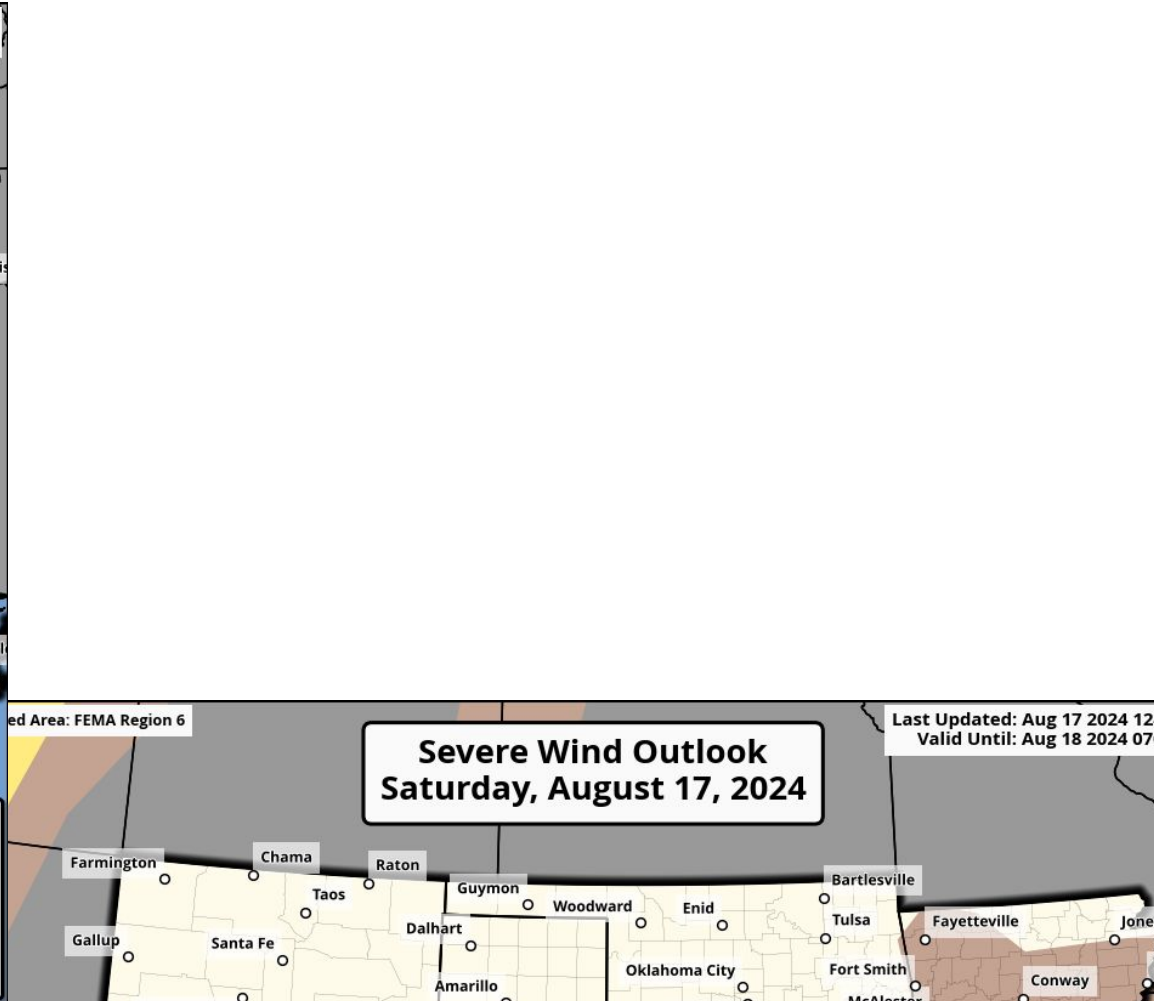
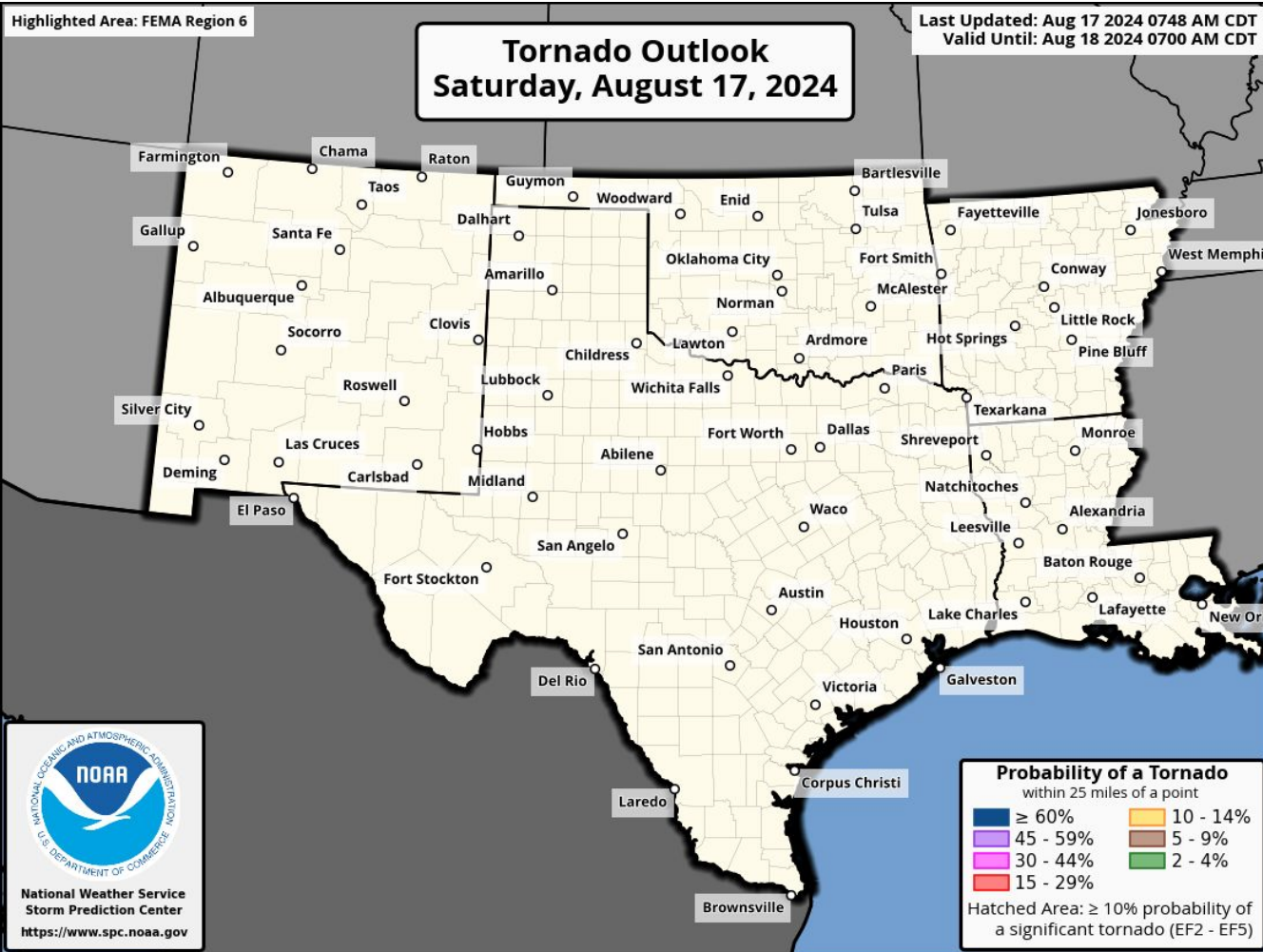






# Today's Tornado & Severe Wind / Hail Probabilities

August 17, 2024

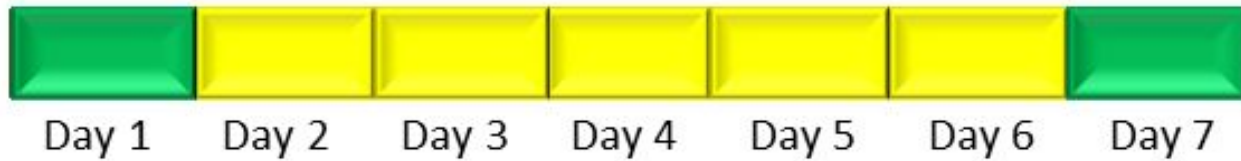




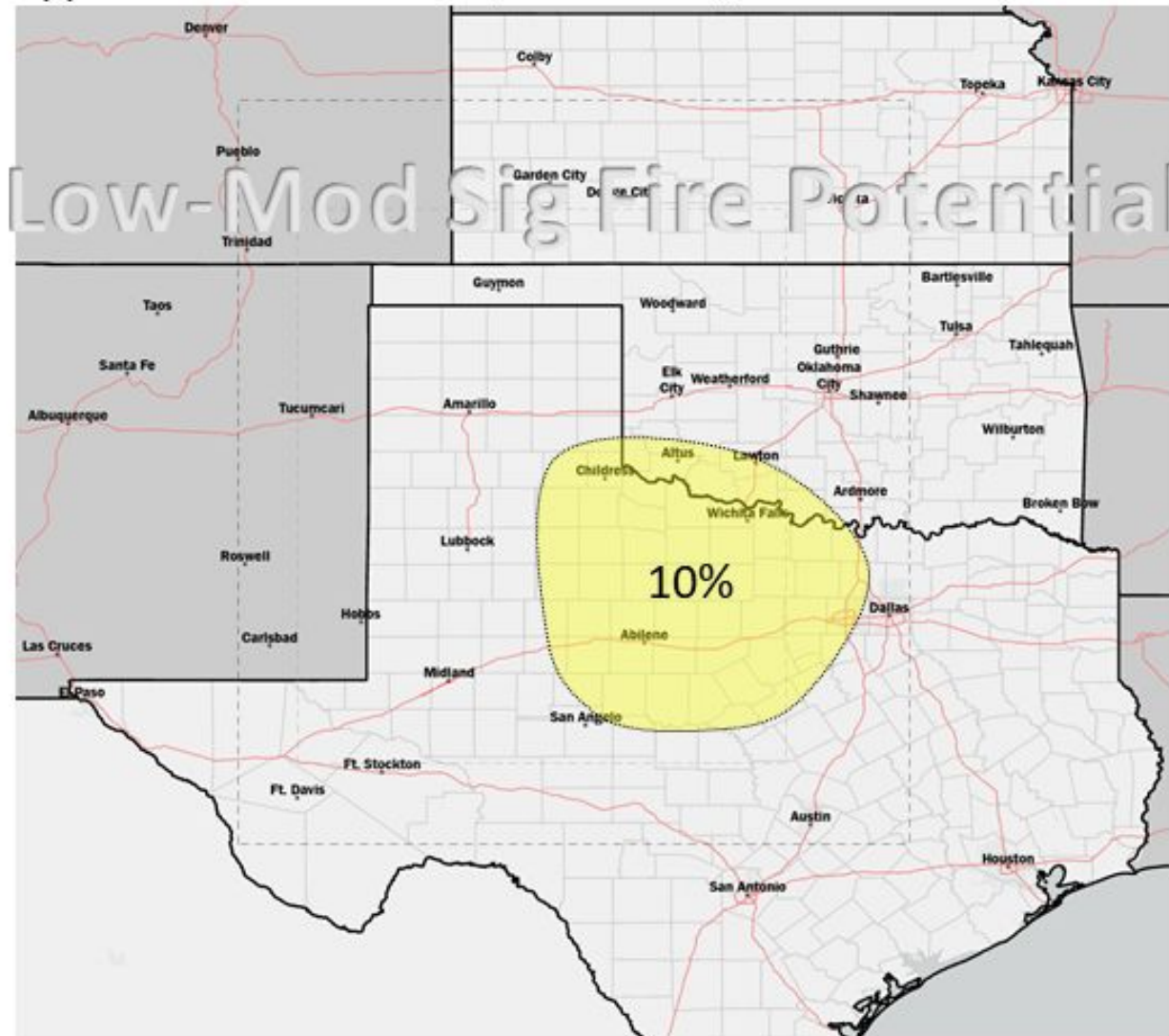


# Fire Weather Outlook

## Probability of Significant Wildfire



Approximate Threat: Sat 8/17 – Wed 8/21



Outlook Last Updated: Fri 16 Aug 2024 – 2:00 PM – TL/LK/GM/DD/BS/AW

### Risk Potential Legend

- <10%** Nil and/or Routine Fire Wx with Initial Attack & Large Fire
- 10%-30%** Low-Moderate Significant Fire
- 40%-60%** High Significant Fire Potential - Outbreak Possible
- >60%** Significant Wildfire & Outbreak Likely

**Probability of Significant Wildfire across SW OK, NWTX today into the middle of next week.**

*This outlook is an experimental decision support tool produced in collaboration with...*



*...and is strictly intended to reflect forecast probabilities of significant wildfire and "firestorm" conditions.*



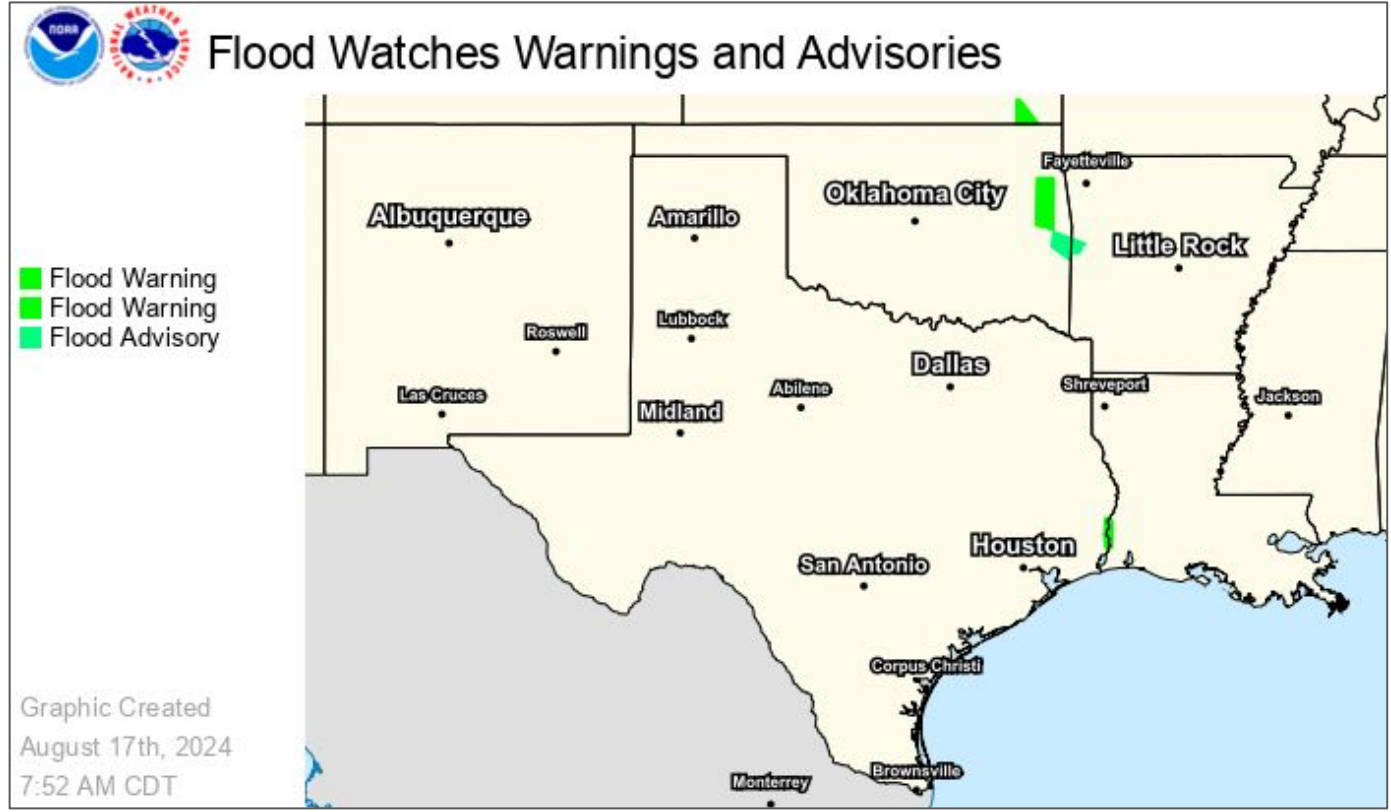
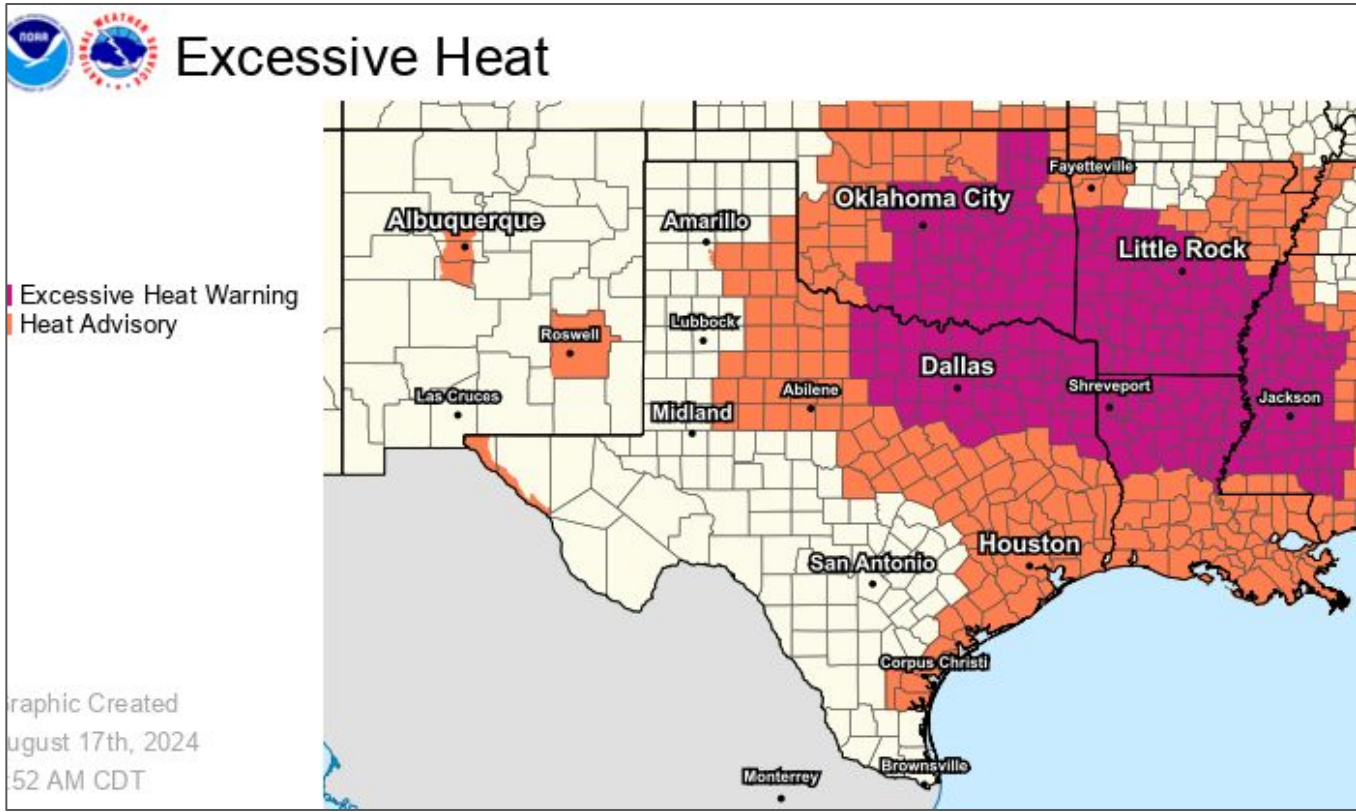
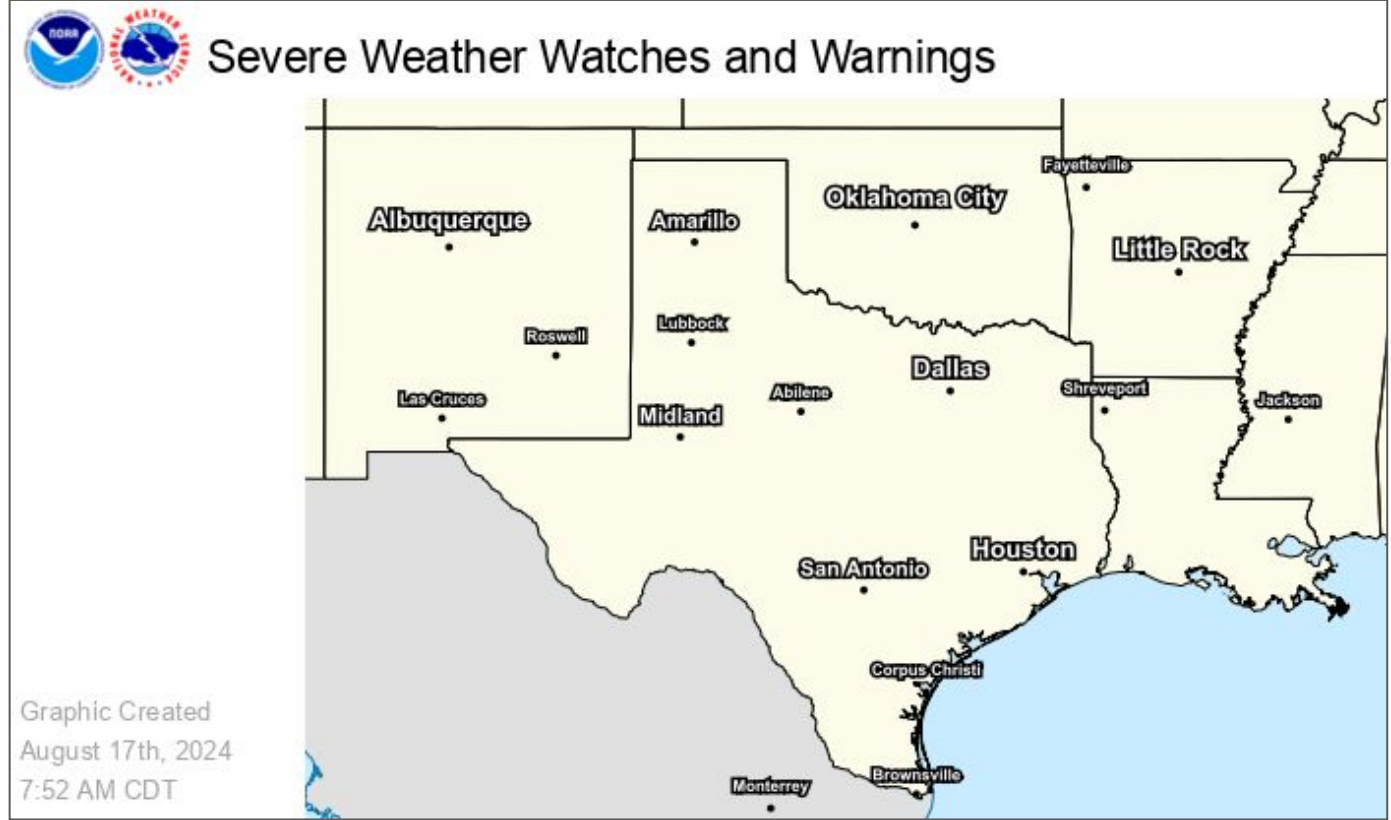




# Watches, Warnings, and Advisories

## Wind, Severe, Heat, and Flood Hazards

**Heat advisories and excessive heat warnings over NM, OK, N/Ctr/E TX, AR, LA.**

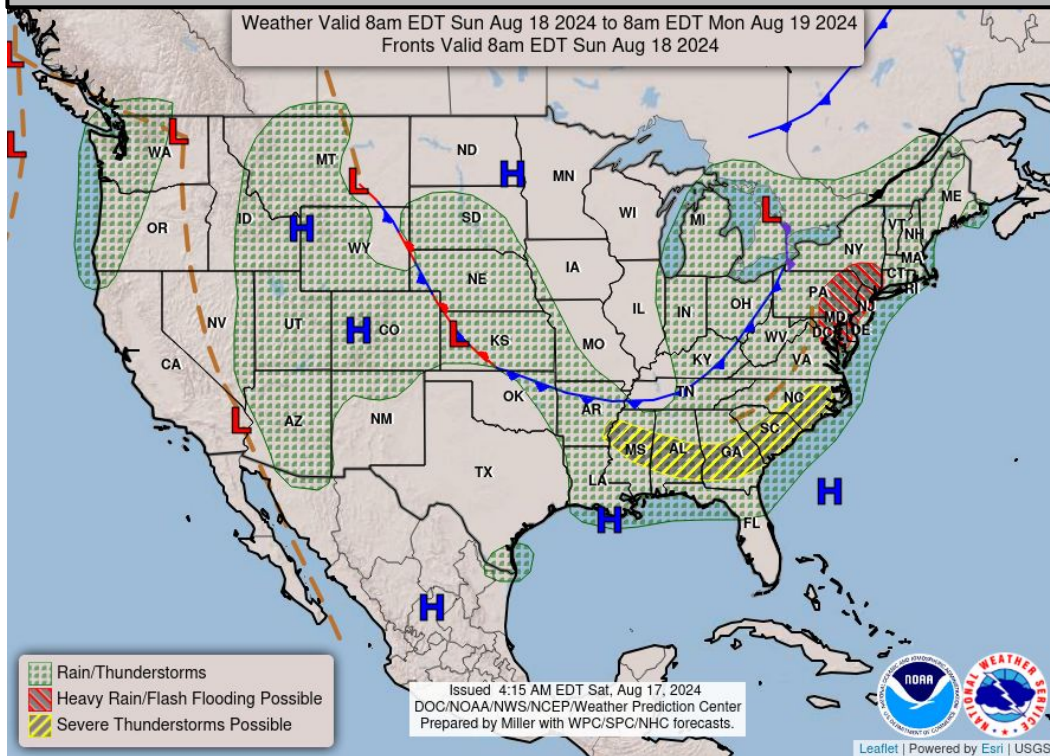




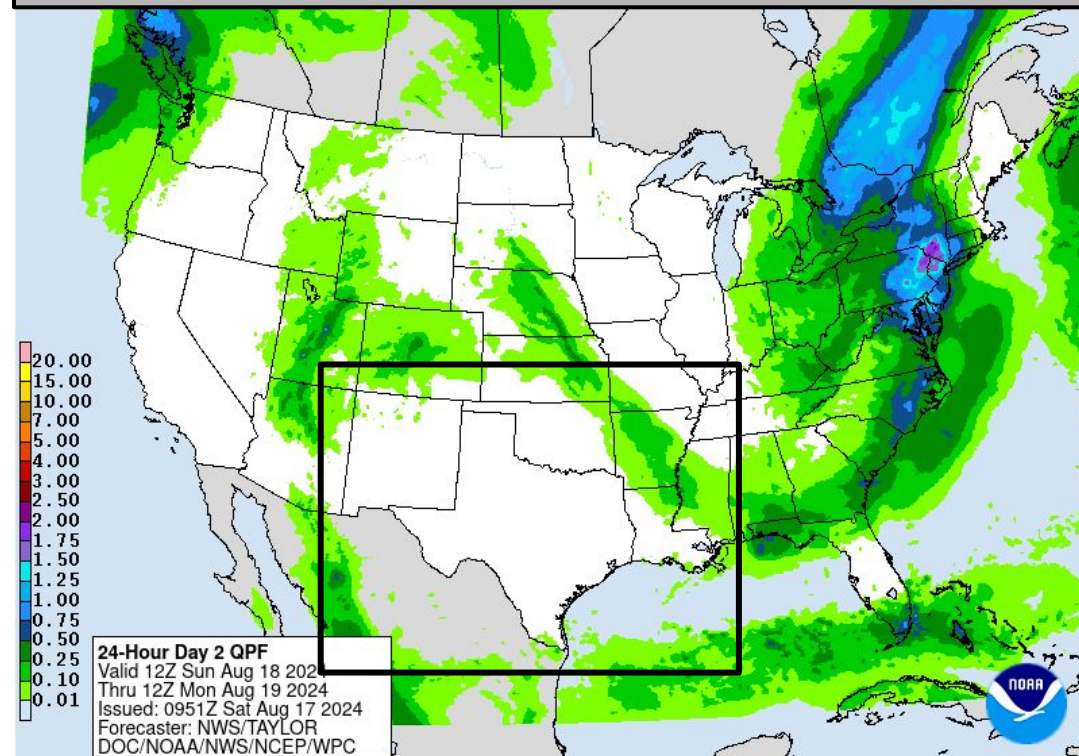


# Tomorrow's Weather

## Forecast Chart



## Forecast Rainfall

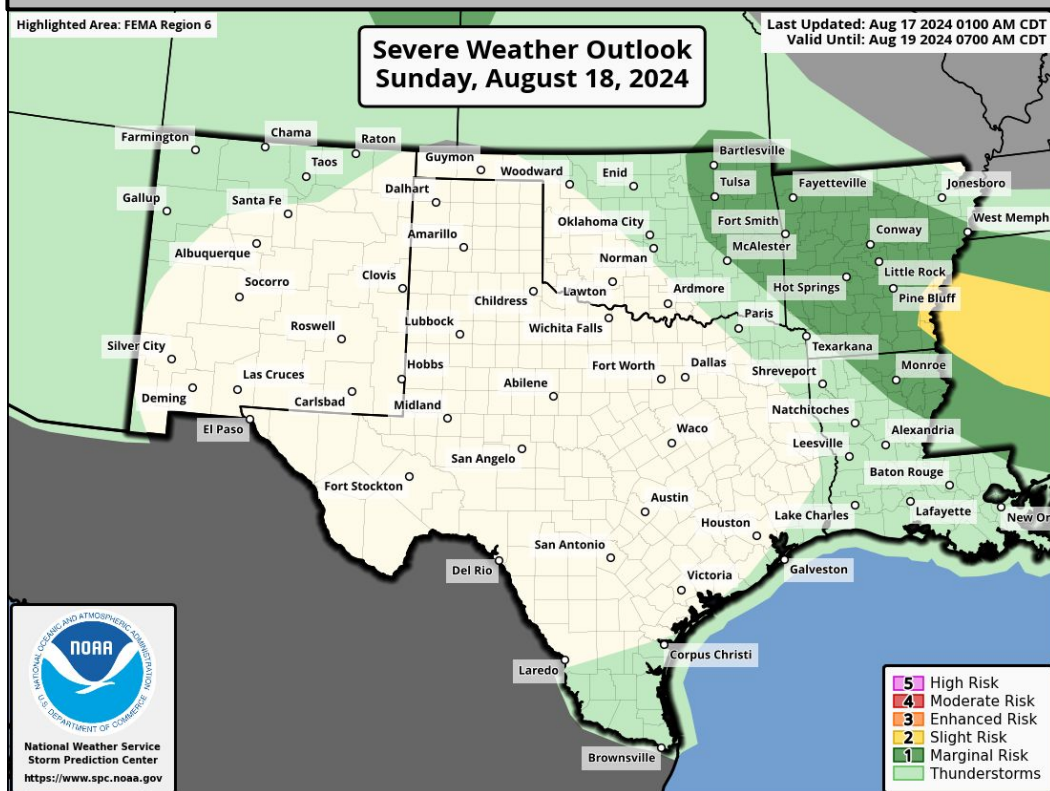


**Excessive heat across Most of FEMA 6.**

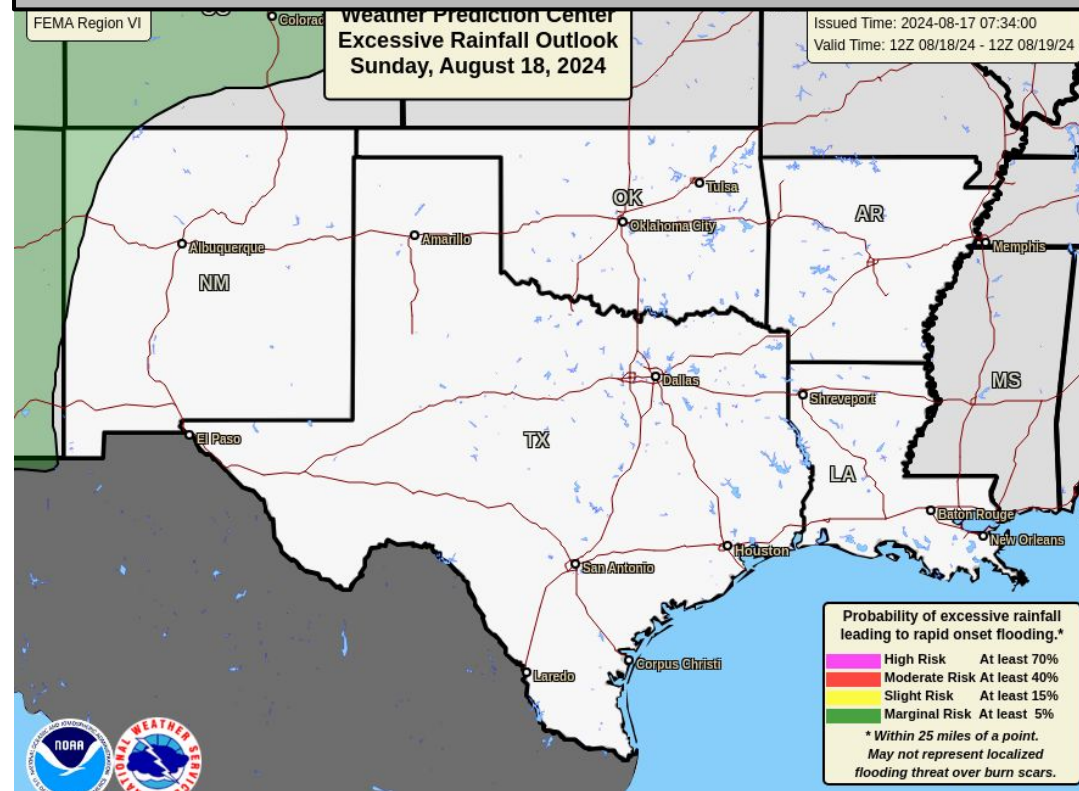
**Wildfire threat over NW TX**

**Slight risk of severe storms over SE AR.**

## Severe Weather Outlook



## Excessive Rainfall Outlook

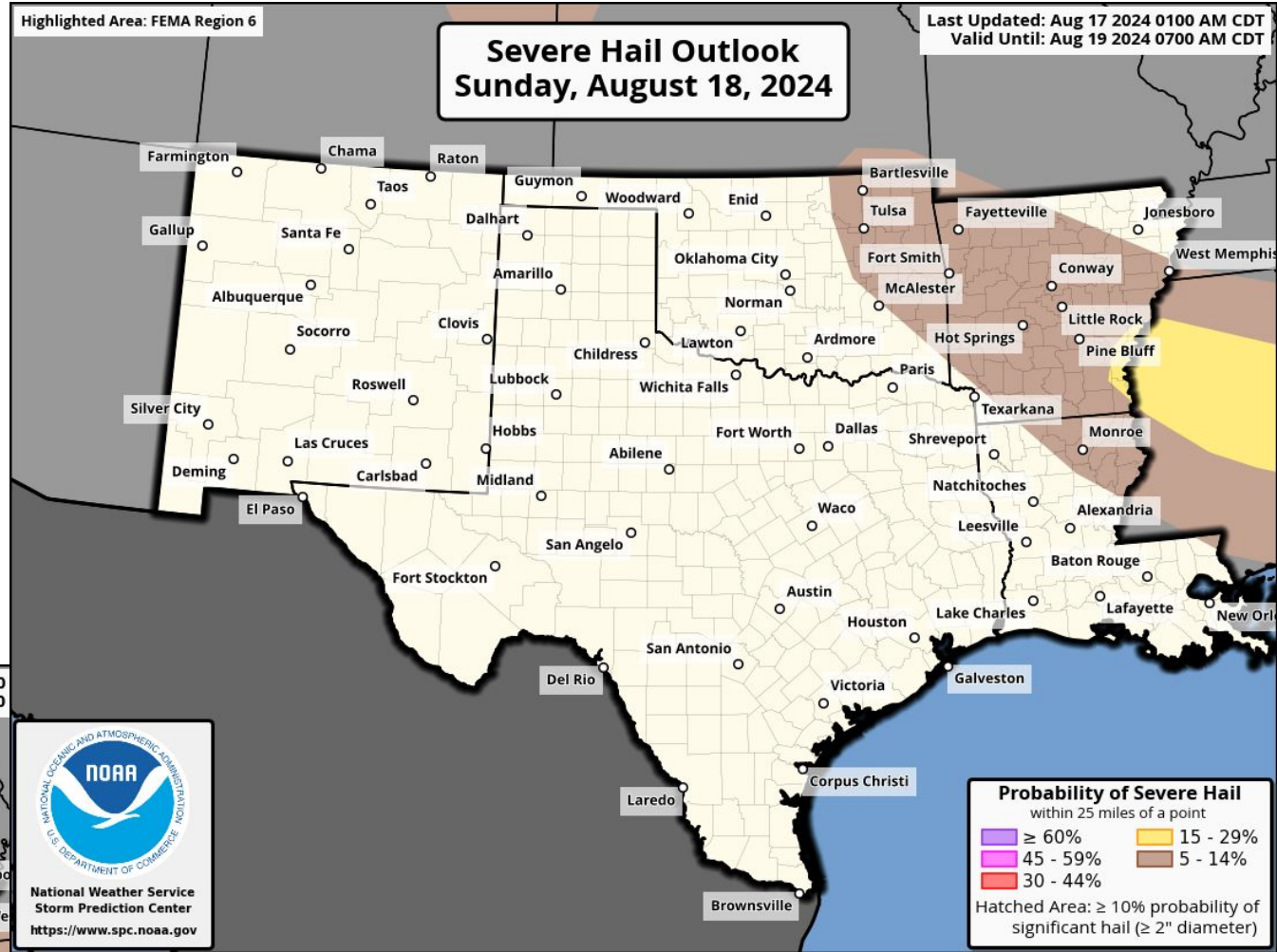
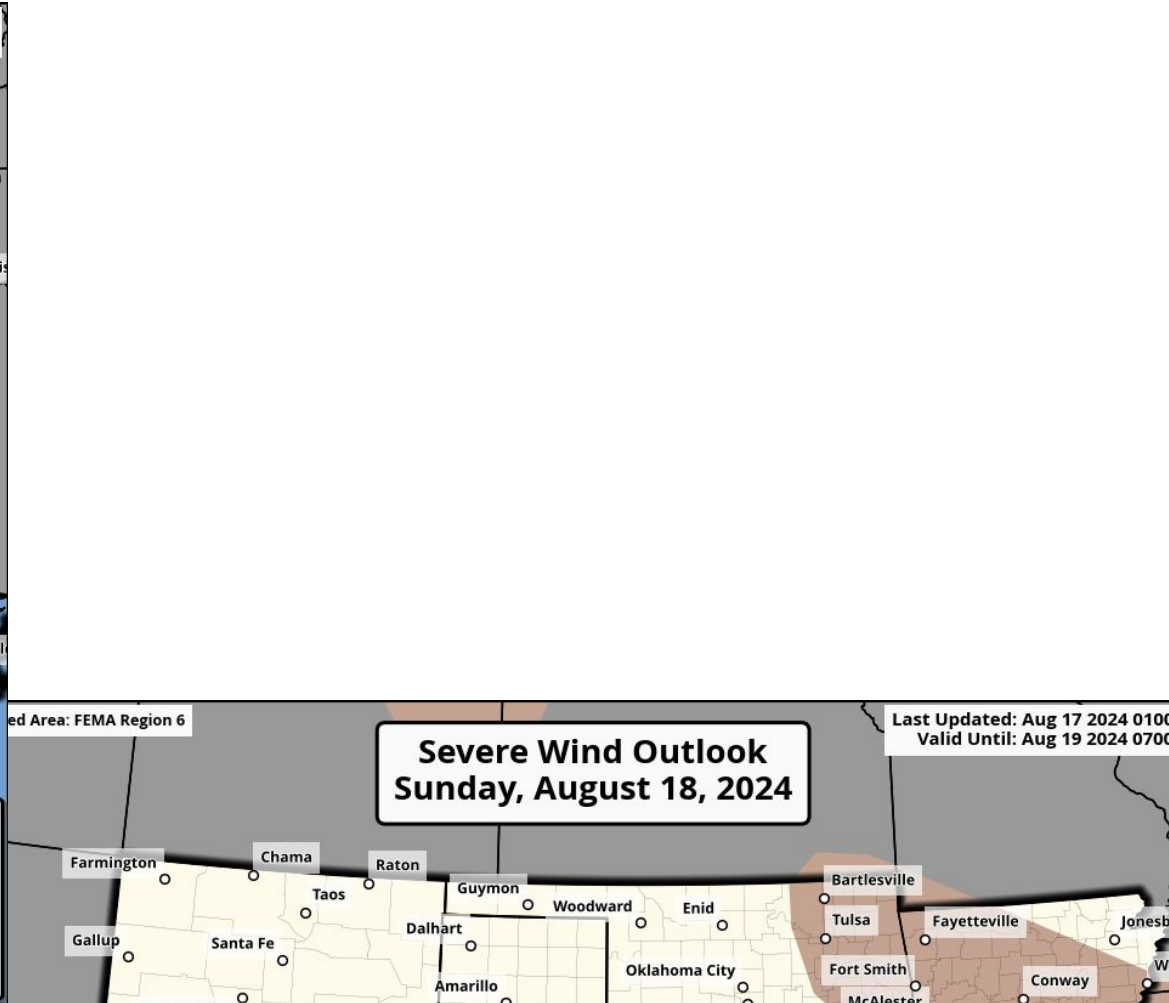
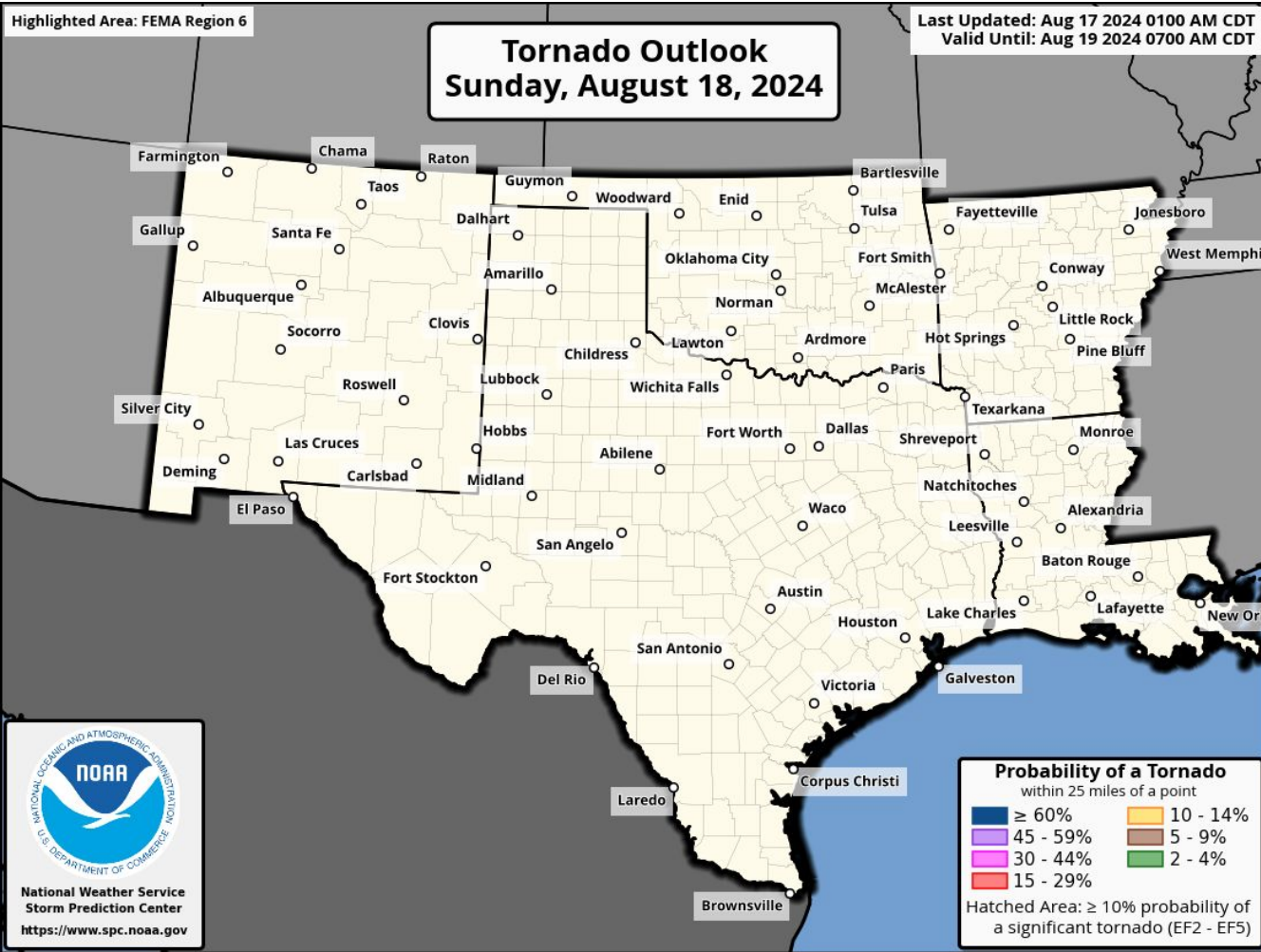


**Marginal risk of excessive rainfall across NW NM.**





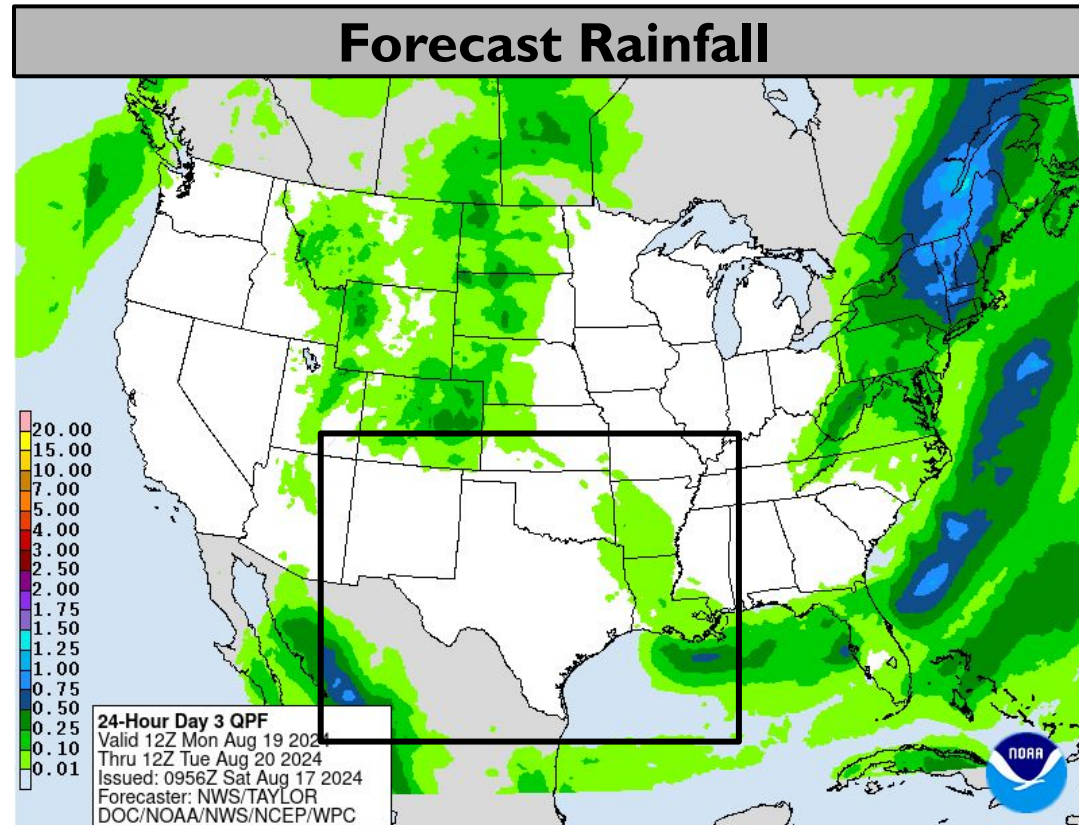
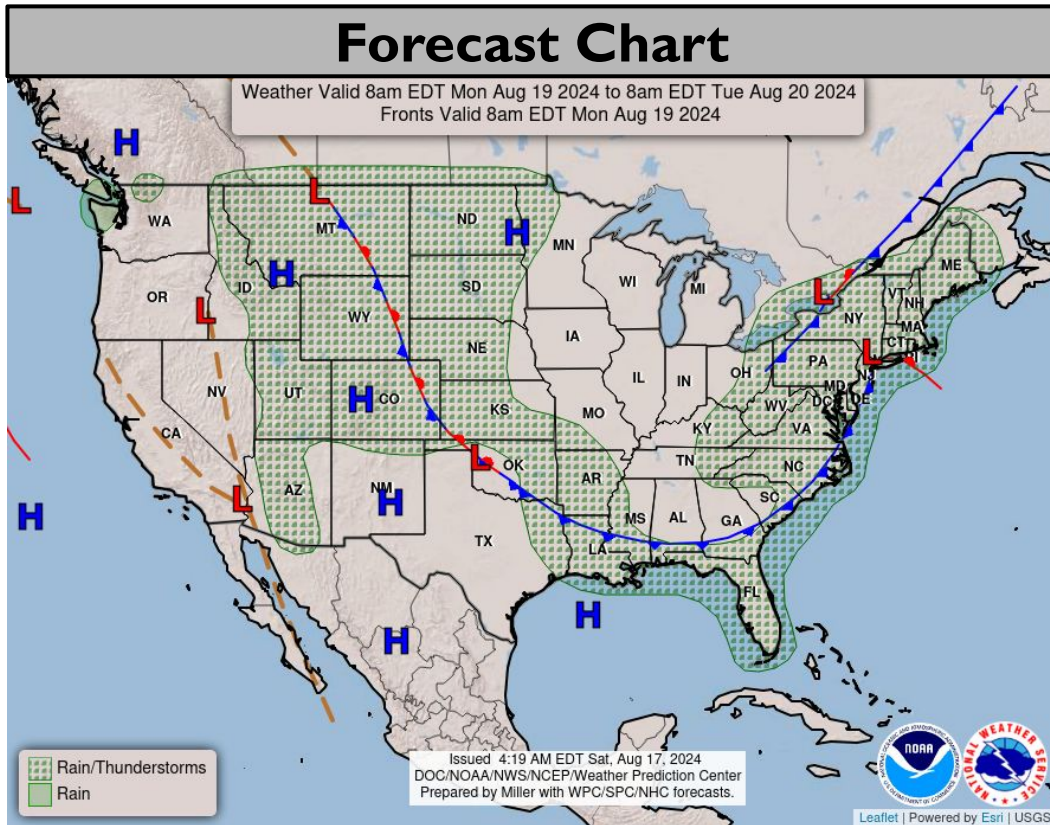
# Tomorrow's Tornado & Severe Wind / Hail Probabilities







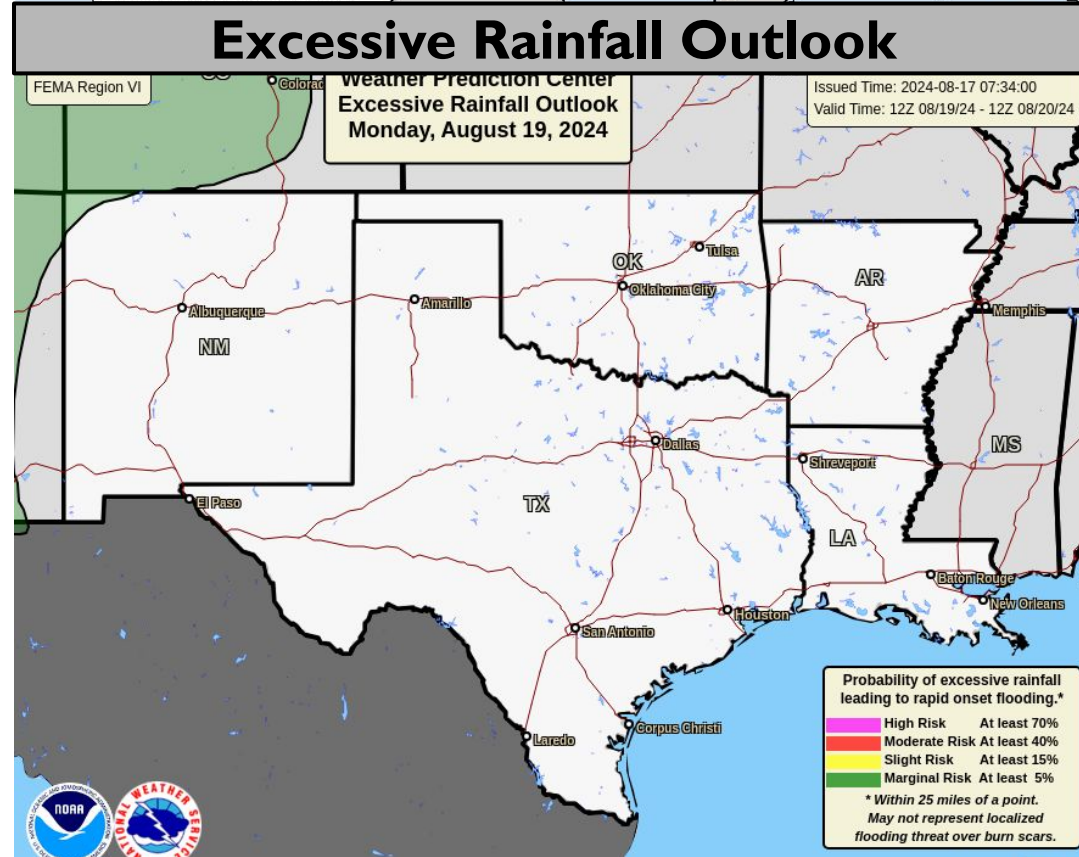
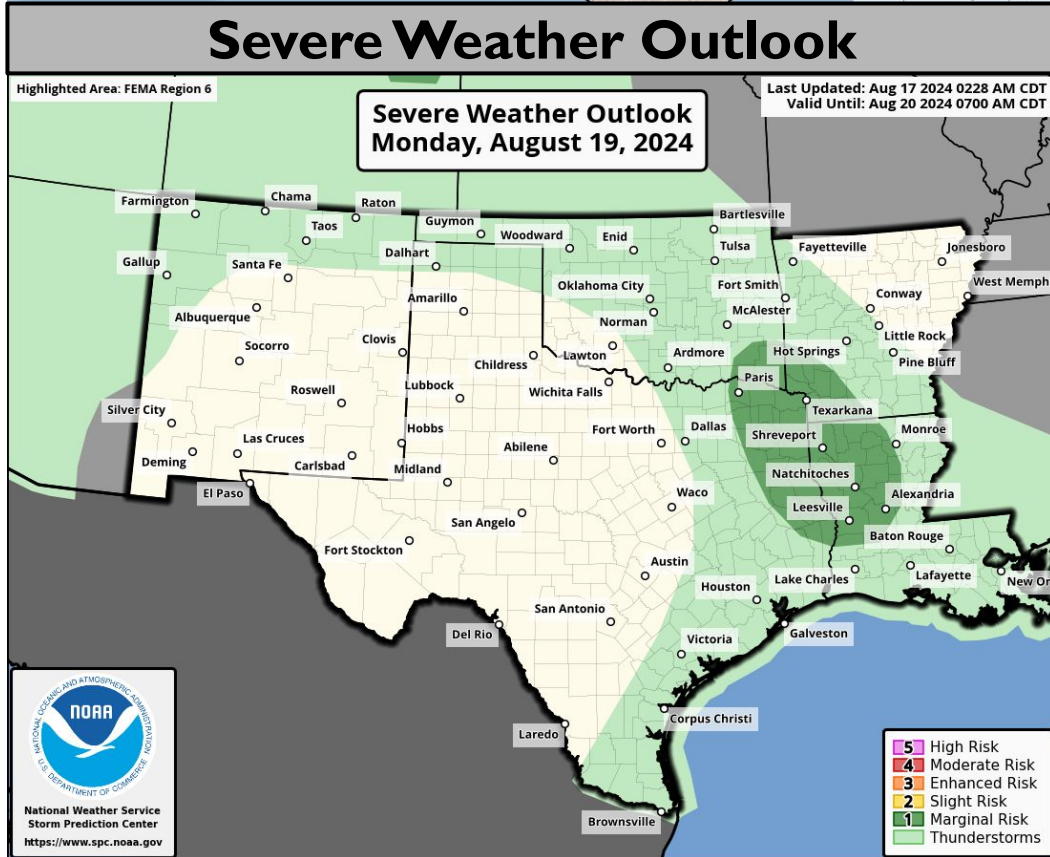
# Monday's Weather



**Excessive heat across NM, S OK, TX, LA.**

**Elevated wildfire threat over SW OK, NW TX.**

**Marginal risk of severe storms across SE OK, SW AR, ETX, W LA.**

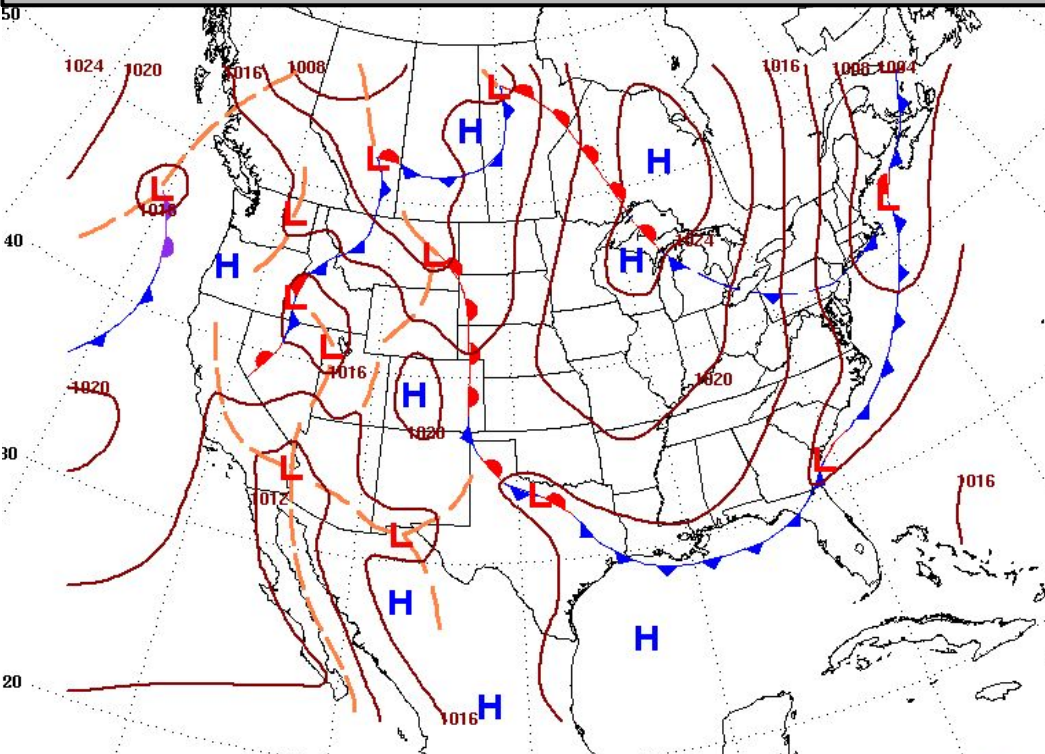




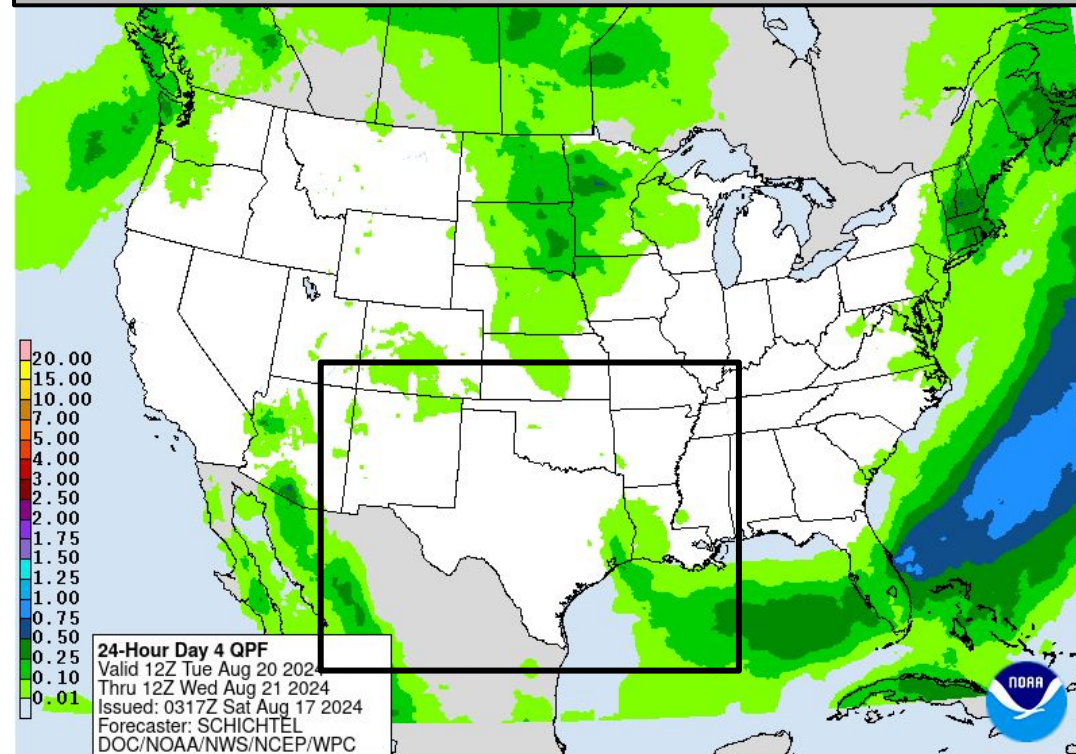


# Tuesday's Weather

### Forecast Chart



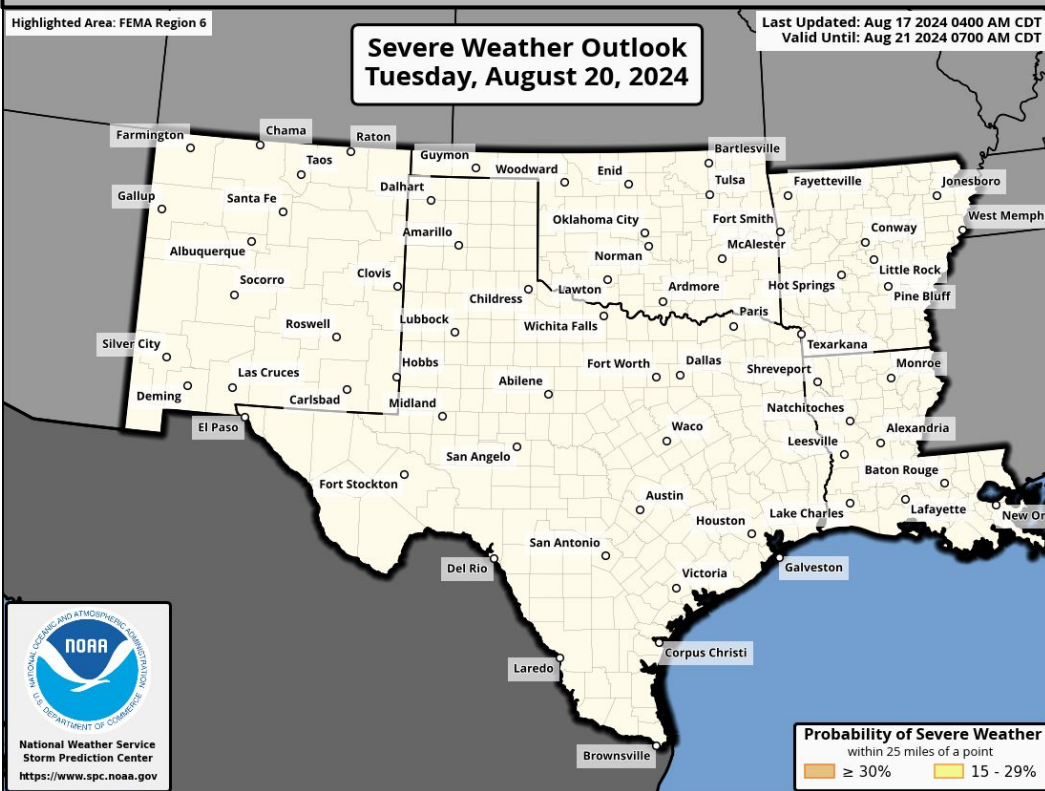
### Forecast Rainfall



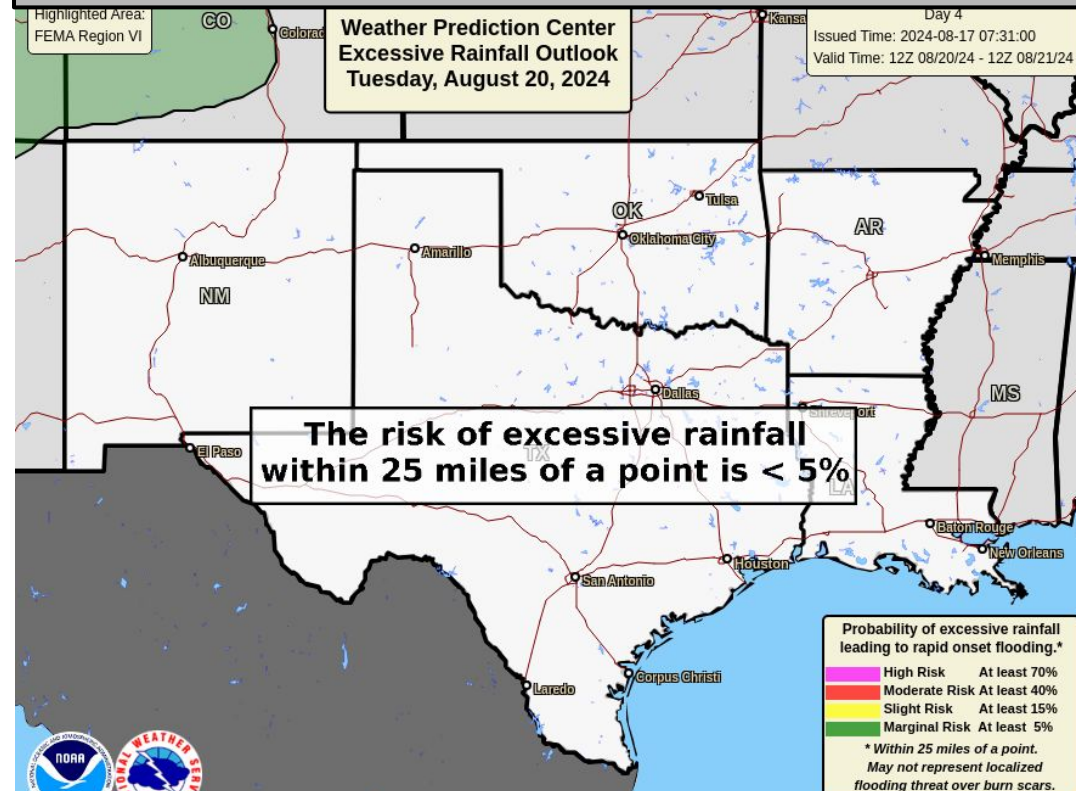
**Excessive heat across NM, SW OK, TX.**

**Elevated wildfire threat over SW OK, NW TX.**

### Severe Weather Outlook



### Excessive Rainfall Outlook

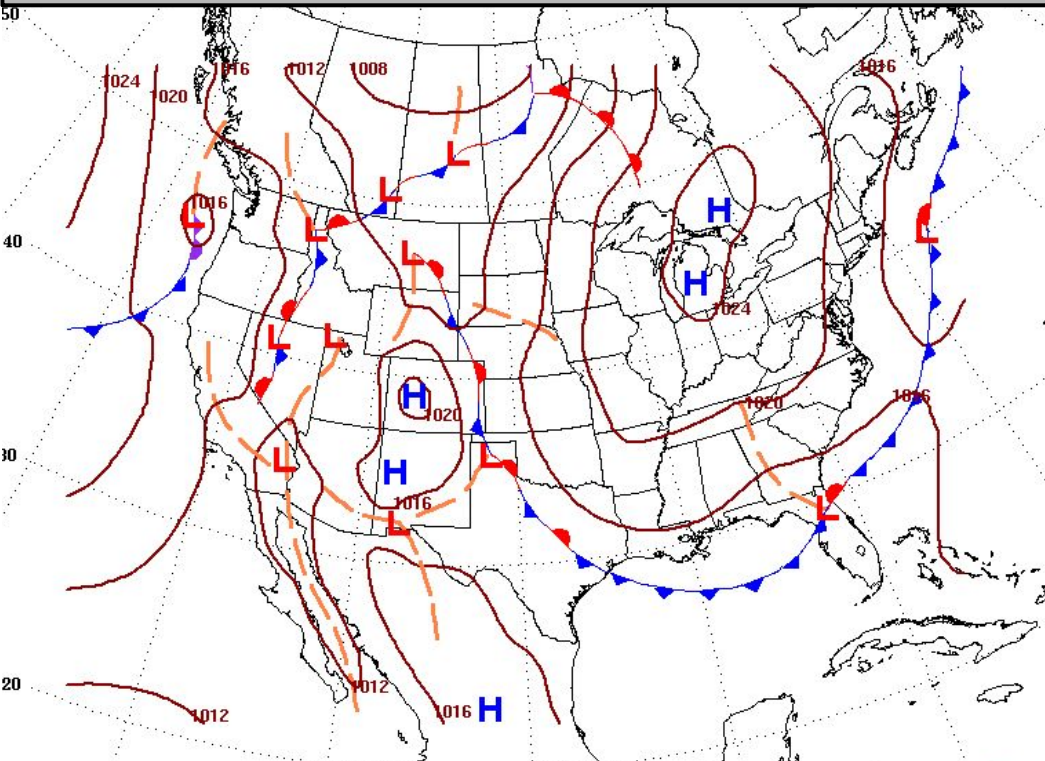




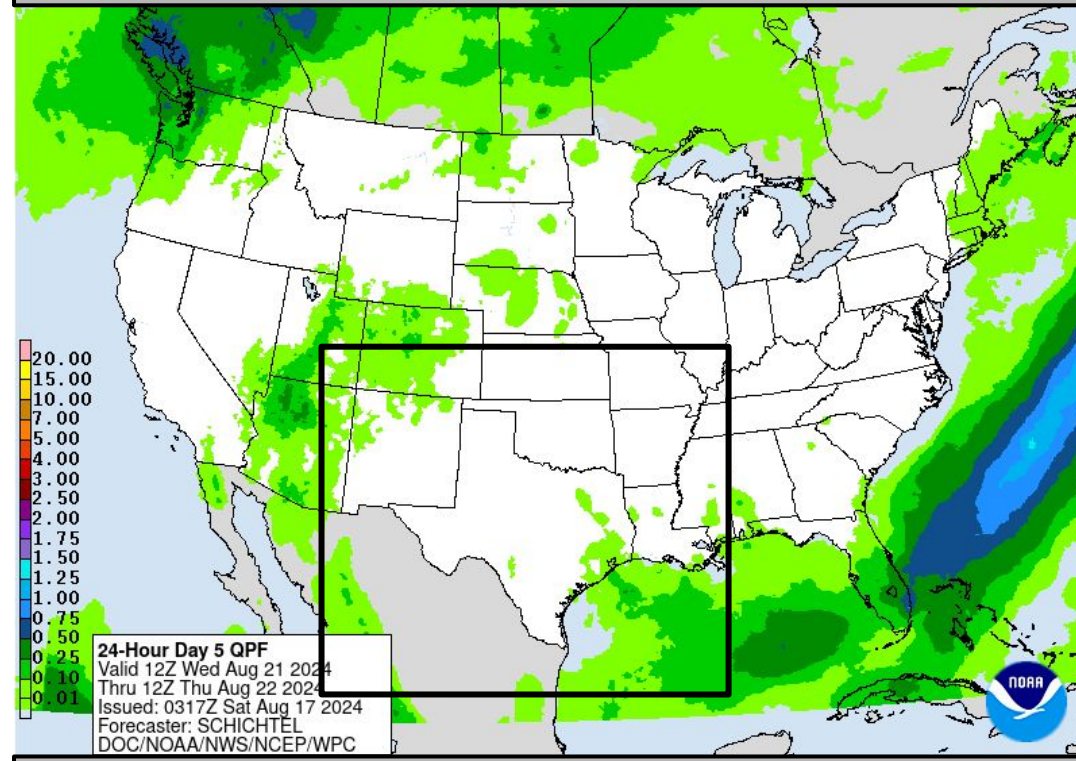


# Wednesday's Weather

### Forecast Chart



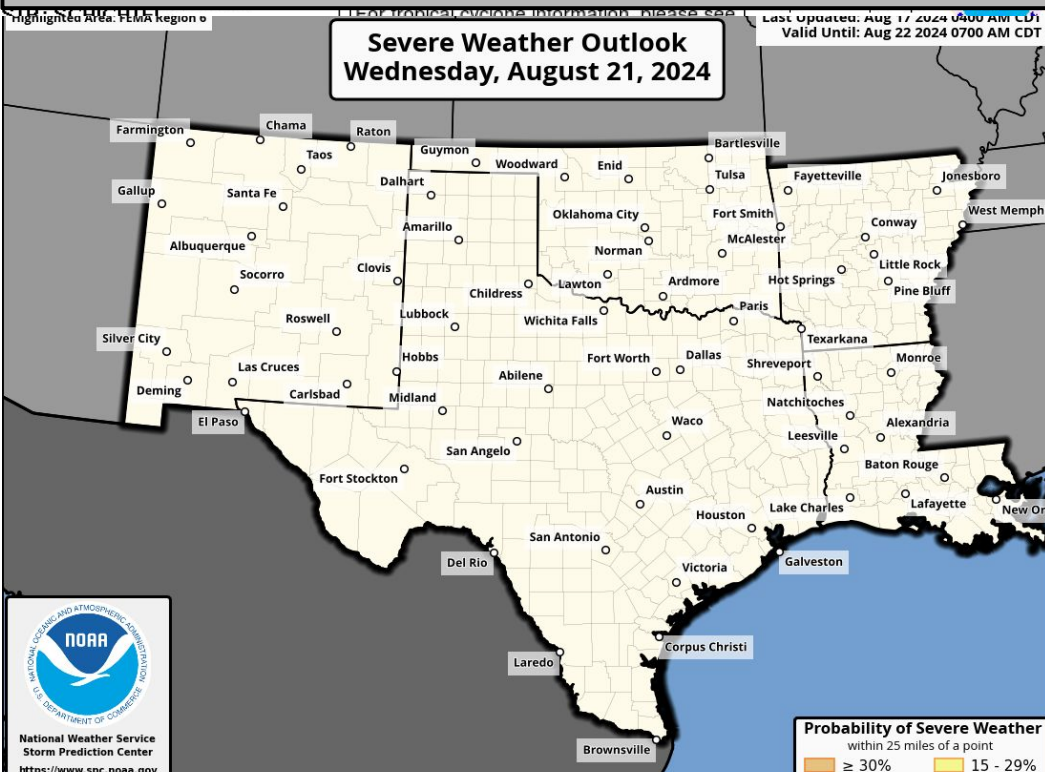
### Forecast Rainfall



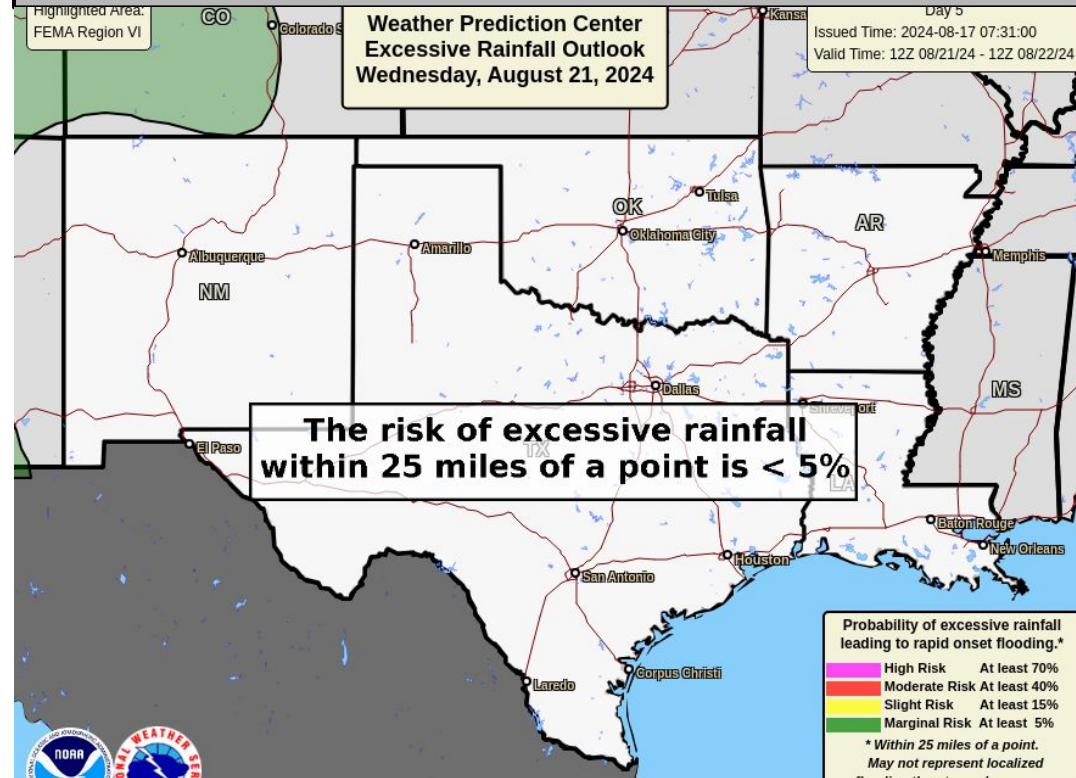
**Excessive heat across NM, SW OK, TX.**

**Elevated wildfire threat over SW OK, NW TX.**

### Severe Weather Outlook



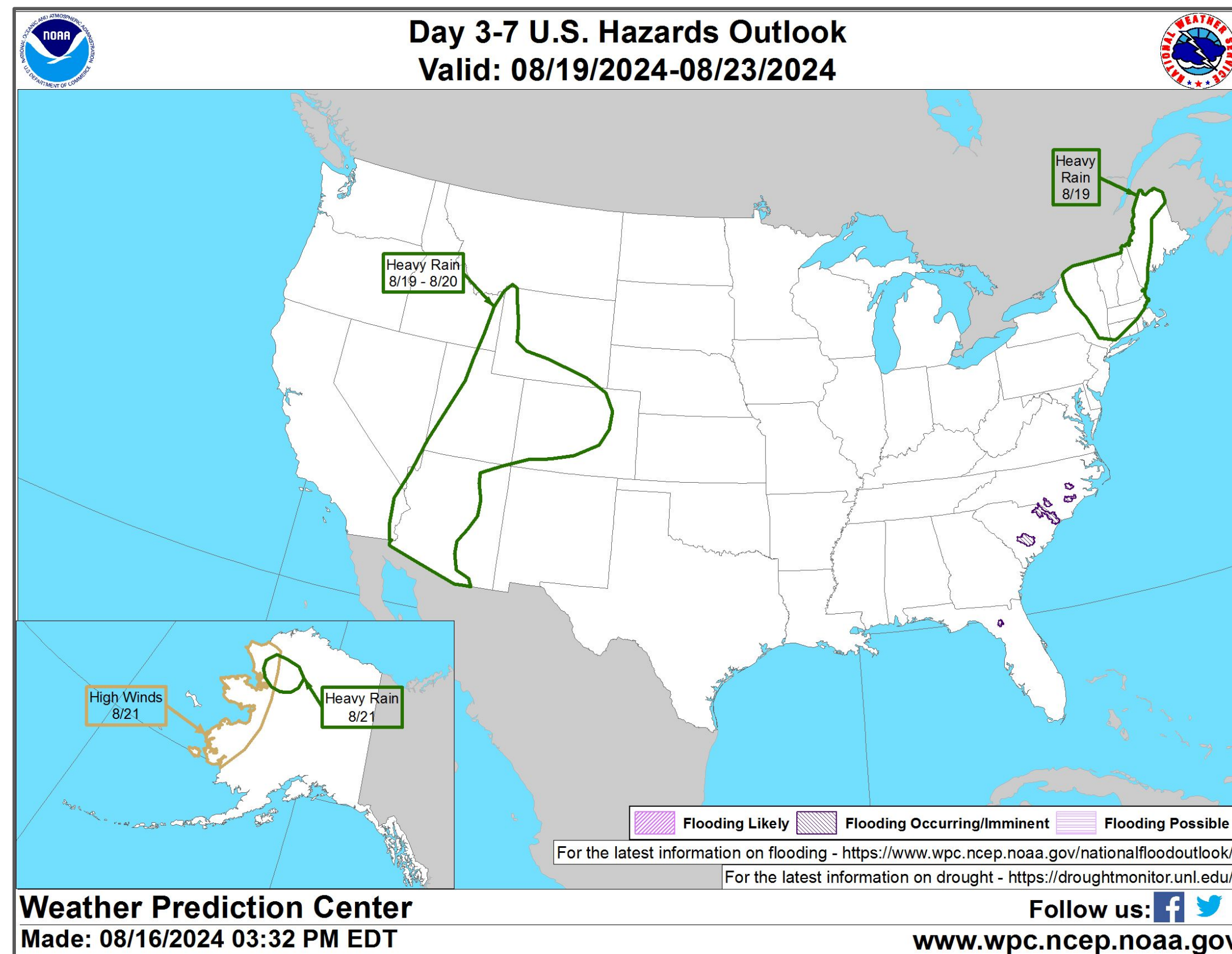
### Excessive Rainfall Outlook







# “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:

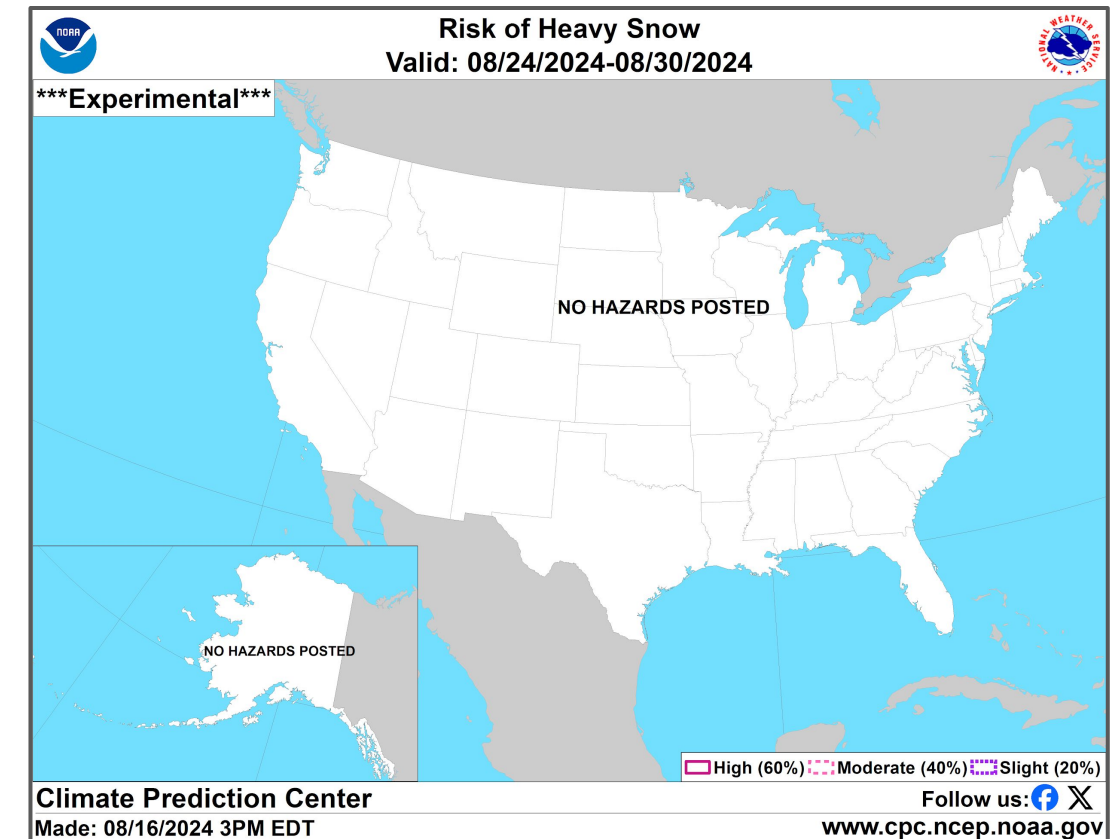
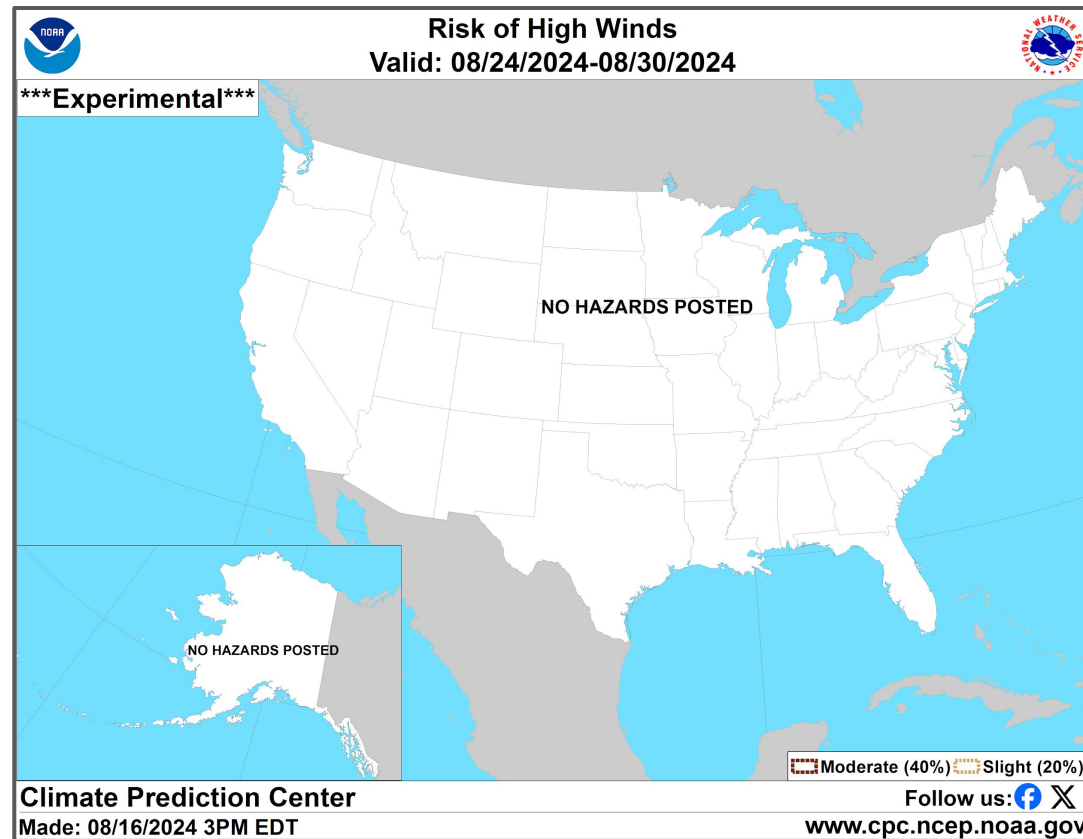
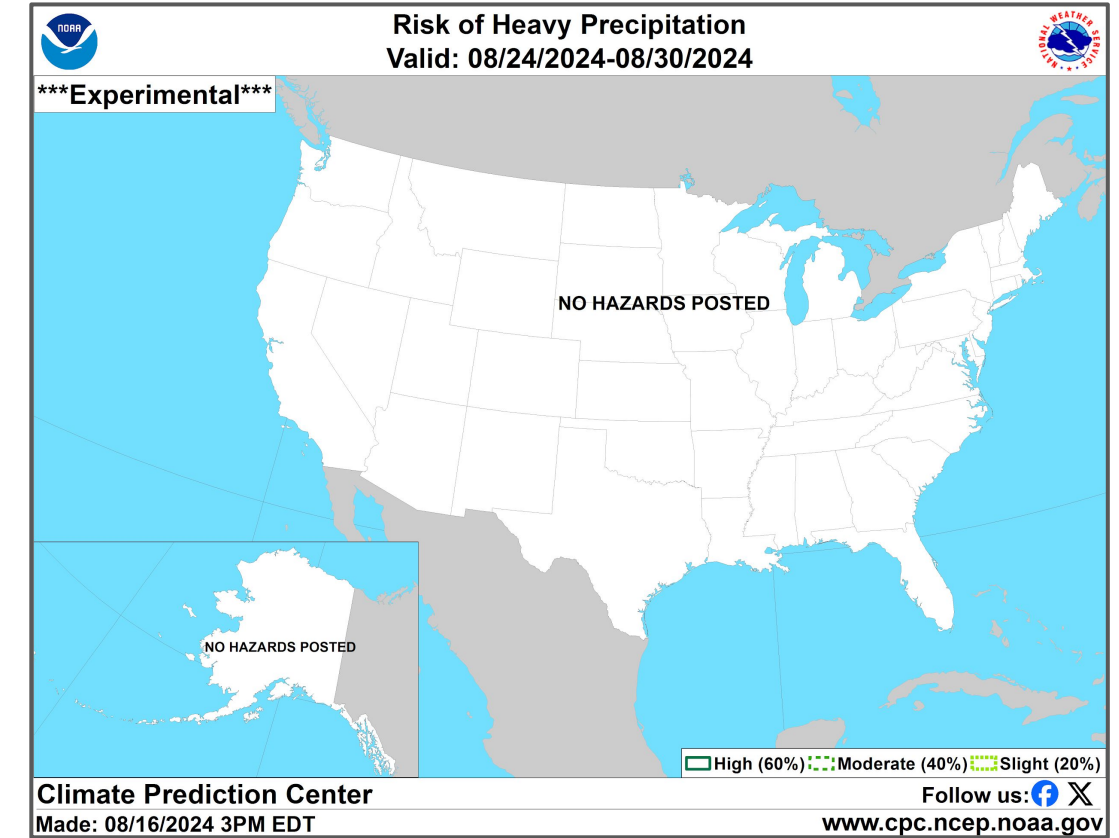
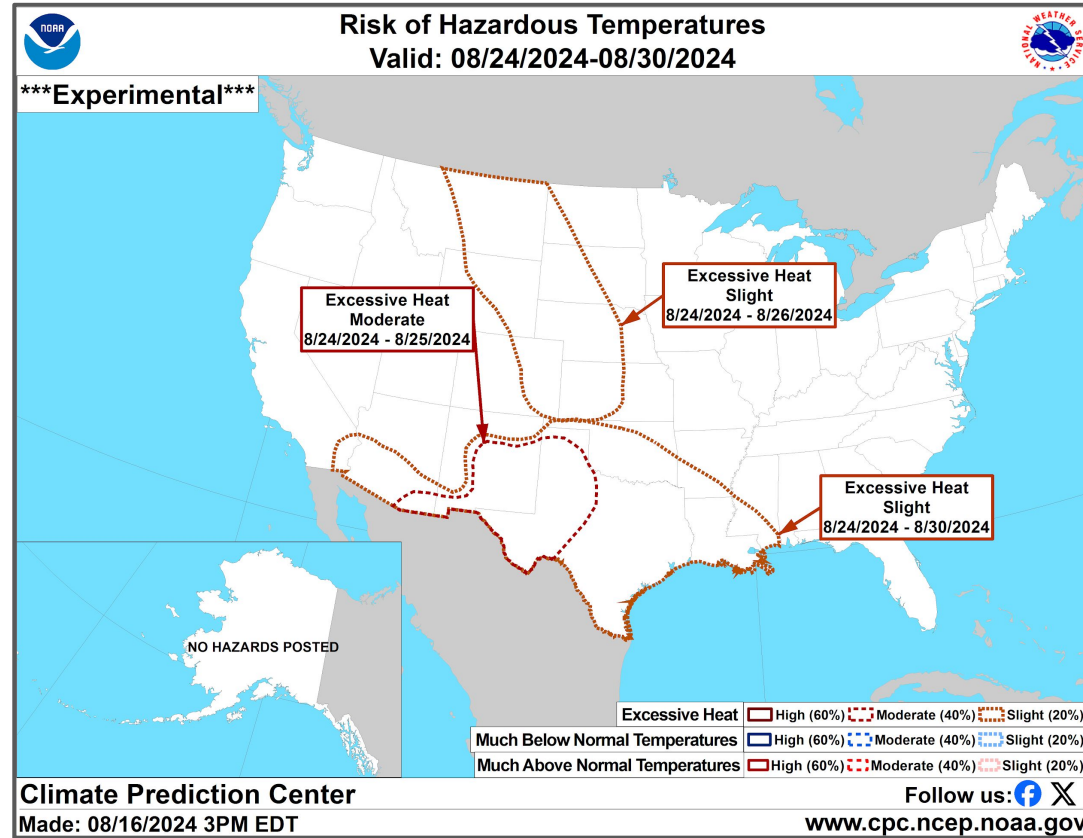
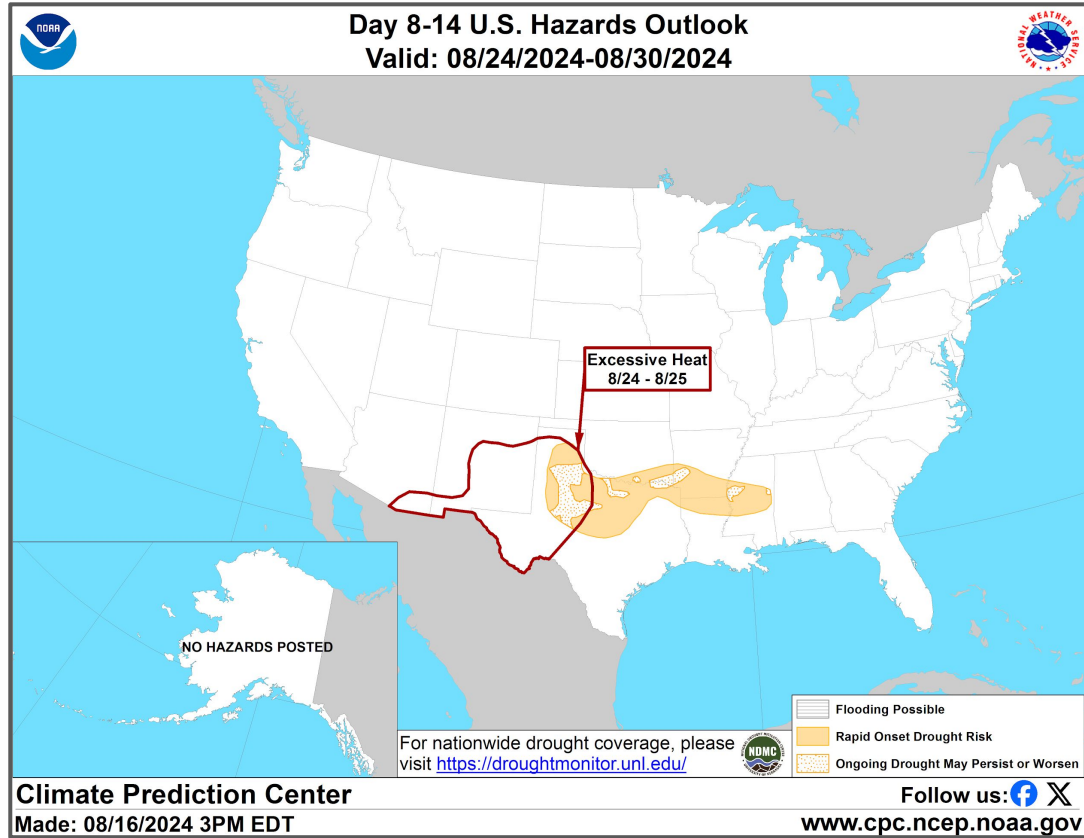
1. The “day 3-7” will really be days 2-6
2. This slide will be hidden on Mondays and Sundays so the data/information is not too old

For additional information on this outlook go to <https://origin.wpc.ncep.noaa.gov/threats/threats.php>





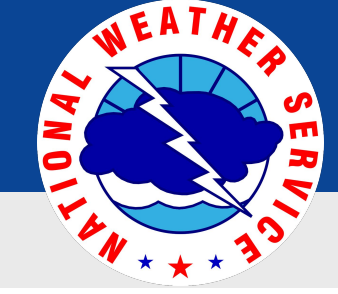
# “Day 8-14” Hazards Outlook



**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:

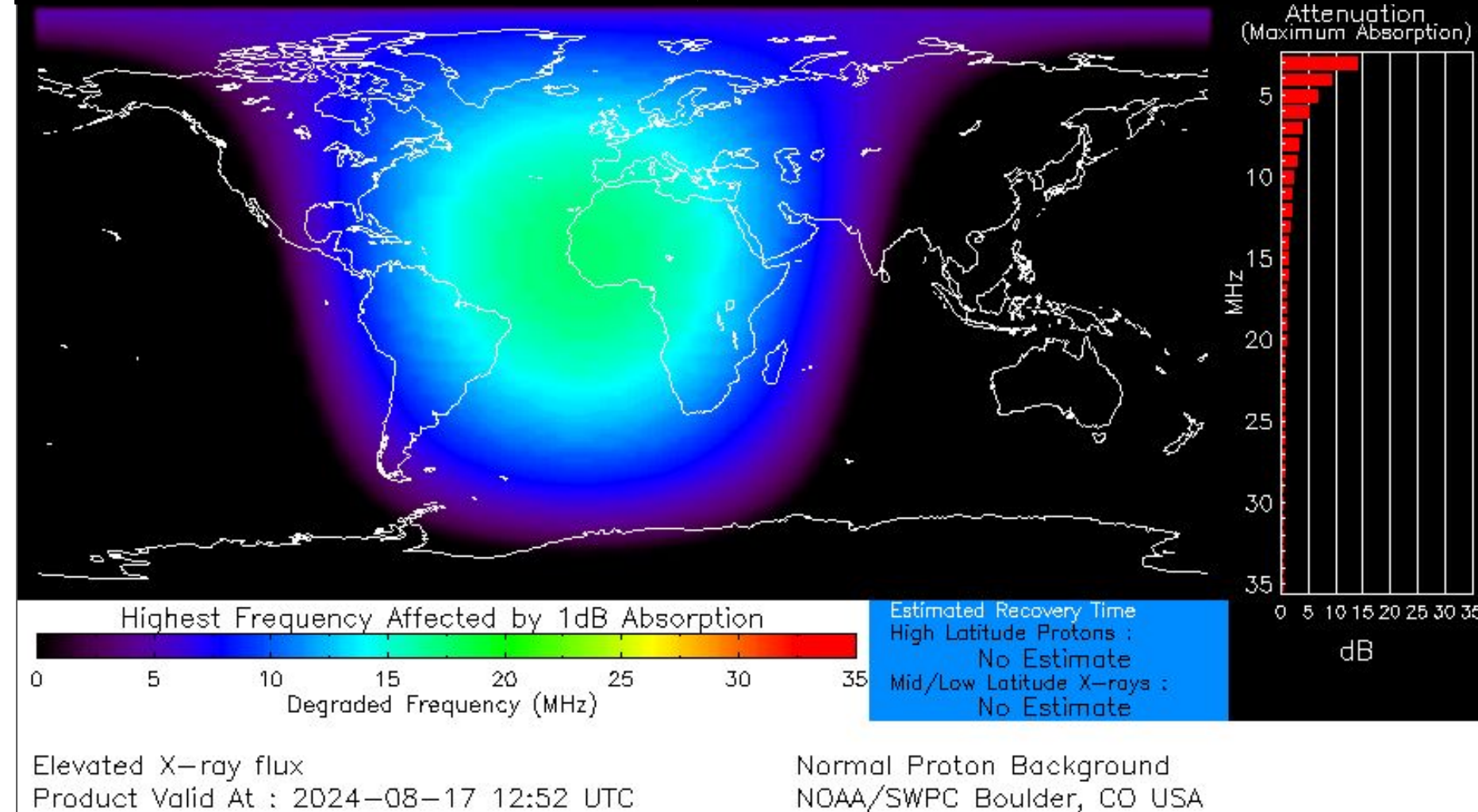
1. The “day 8-14” will really be days 7-13
2. This slide will be hidden on Mondays and Sundays so the data/information is not too old

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



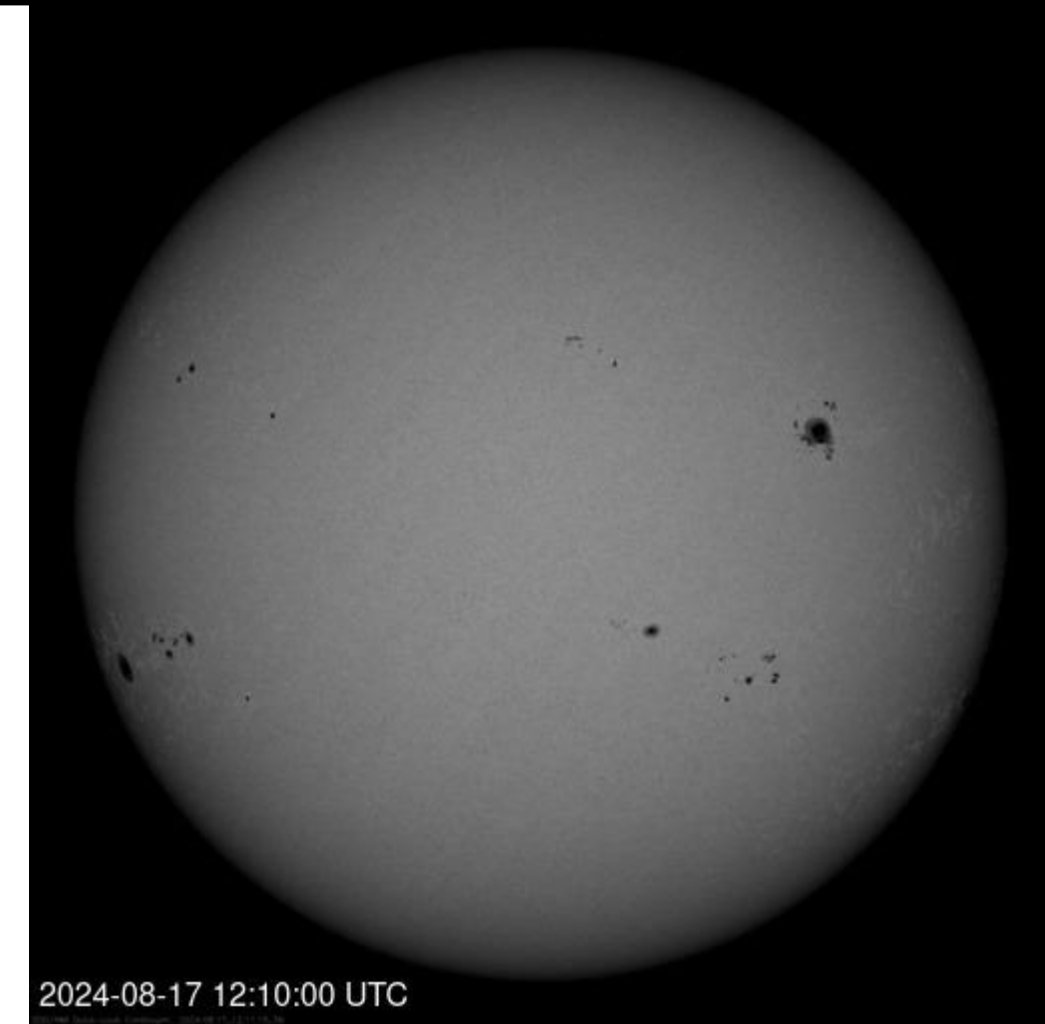
# Space Weather 3-Day Forecast

	Saturday, Aug 17	Sunday, Aug 18	Monday, Aug 19
<b>Geomagnetic Storms</b>	<b>Minor Storm (G1) (Max Kp = 5)</b>	<b>Active (Max Kp = 4)</b>	<b>Active (Max Kp = 4)</b>
<b>Solar Radiation Storm (S1-S5)</b>	<b>10%</b>	<b>10%</b>	<b>10%</b>
<b>Radio Blackout (R1-R2)</b>	<b>70%</b>	<b>70%</b>	<b>70%</b>
<b>Radio Blackout (R3-R5)</b>	<b>20%</b>	<b>20%</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>	<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



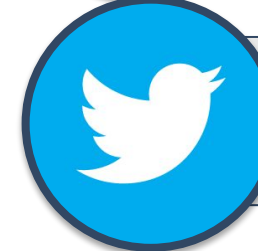
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**Twitter:** NWSSouthern



**Web:** [www.weather.gov/srh](http://www.weather.gov/srh)

