



# FEMA



Prepared by  
*Patricia Sanchez*

# FEMA Region 6 Weather Threat Briefing

## Tuesday, August 19, 2025

**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).



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

National Weather Service  
Southern Region



# Summary

- **Flash Flooding:** Marginal risk (level 1 of 4) for NM, Far W TX, OK, and AR today and tomorrow.
  - **NM Burn Scars:** Persistent monsoonal activity leads to a Moderate risk (level 2 of 4) for both HPCC and the Ruidoso/Sacramento burn scar complex. Back to minor risk (level 1 of 4) on Thursday.
- **Heat:** Hazardous to dangerous heat continues across E OK, AR, NE TX, and N LA today. Heat index up to 110 degrees. Relief from the heat is expected during the second half of the week.
- **Tropical:** Hurricane Erin will move north/northwest over the next several days and is expected to stay out in the Atlantic Ocean. No impacts to FEMA Region 6.
  - Two disturbances in the Atlantic, one with medium (60%) chance and another with a low (30%) chance of development are not expected to bring impacts to FEMA 6 in the next 7 days.





# FEMA Region 6 Threat Matrix

Next 7 days

	Tuesday, Aug 19	Wednesday, Aug 20	Thursday, Aug 21	Friday, Aug 22	Saturday, Aug 23	Sunday, Aug 24	Monday, Aug 25
Severe Storms	OK						
Heavy Rain / Flash Flooding	NM, Far W TX, OK, AR	NM, TX, SE OK, AR, LA	W NM, C-STX, LA	SE LA, NW NM	N NM	N NM, N OK	N NM, N OK
Burn Scars	NM	NM	NM	NM			
Tropical							
Heat	AR, N LA	ArkLaTex	NM	NM			
	OK, NE TX, N LA						
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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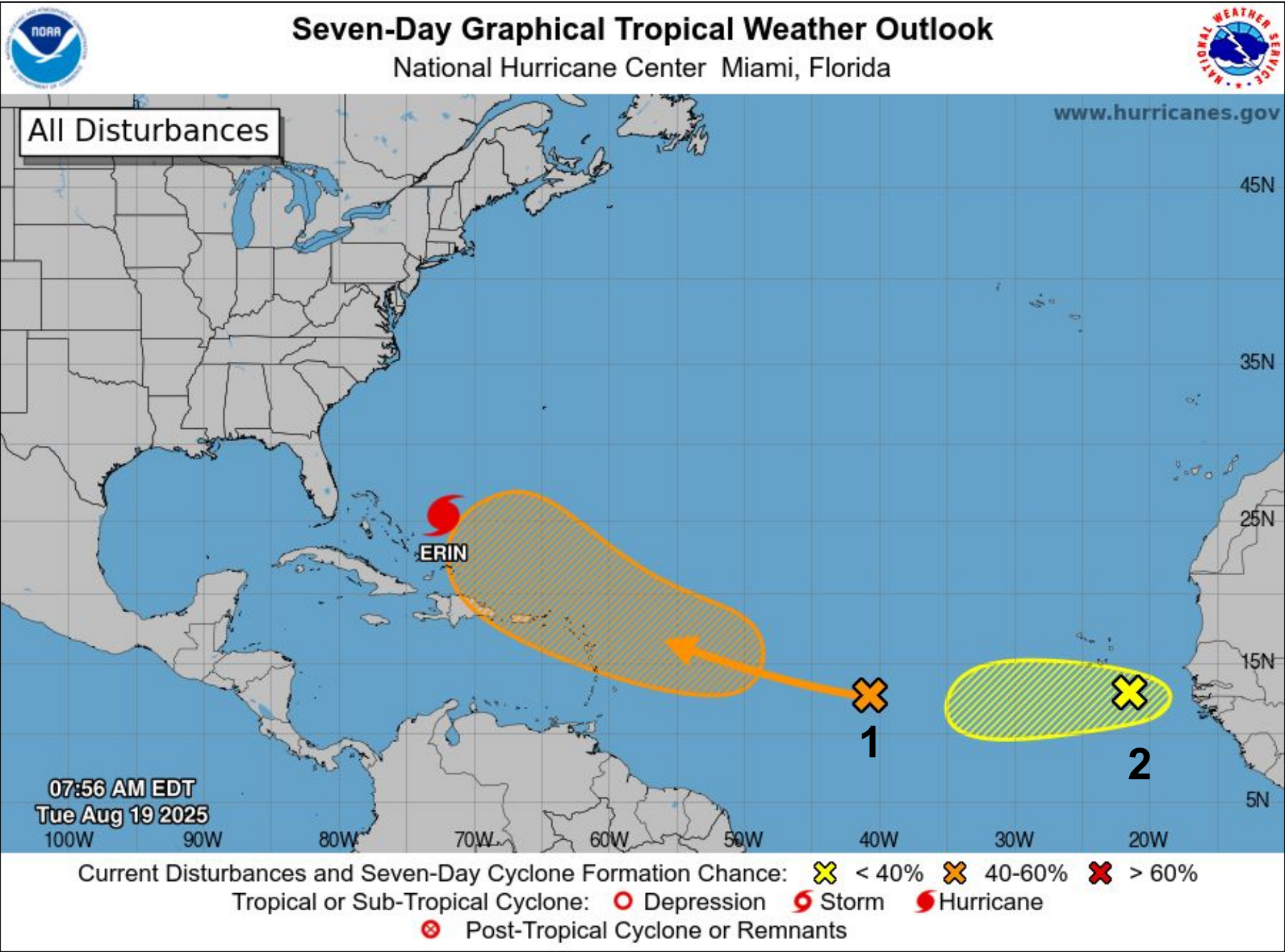




# Tropical Weather Outlook – Atlantic/Gulf

Areas of Possible Development		
Area	Chance of Development	Potential Impacts to FEMA 6
1	Medium (60%)	None in the next 7 days
2	Low (30%)	None in the next 7 days

Active Tropical Cyclones	
Storm	Potential Impacts to FEMA 6
Hurricane Erin	None.



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



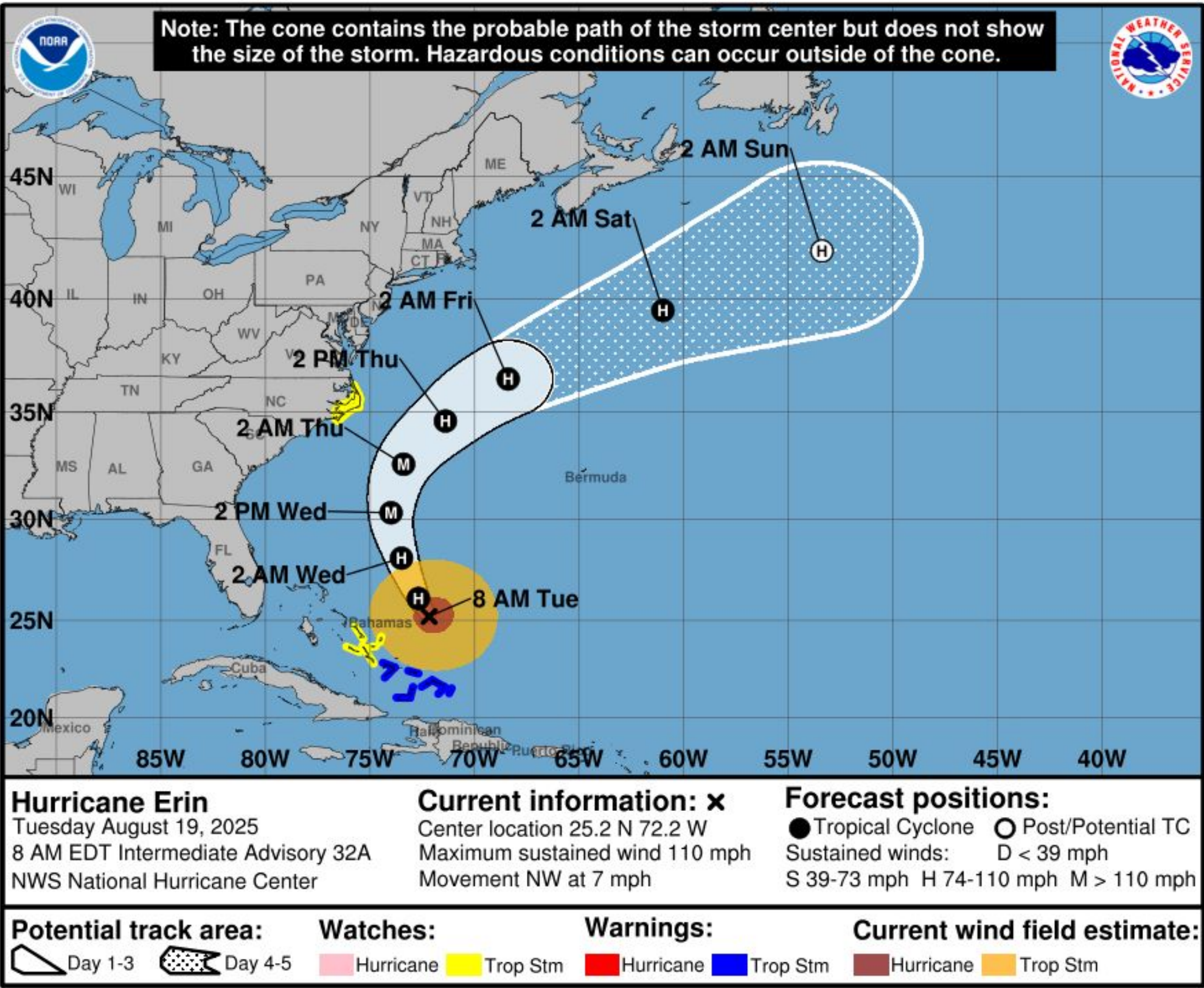




# Hurricane Erin

August 19, 2025  
7:29 AM

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



No impacts to FEMA 6 from Hurricane Erin.

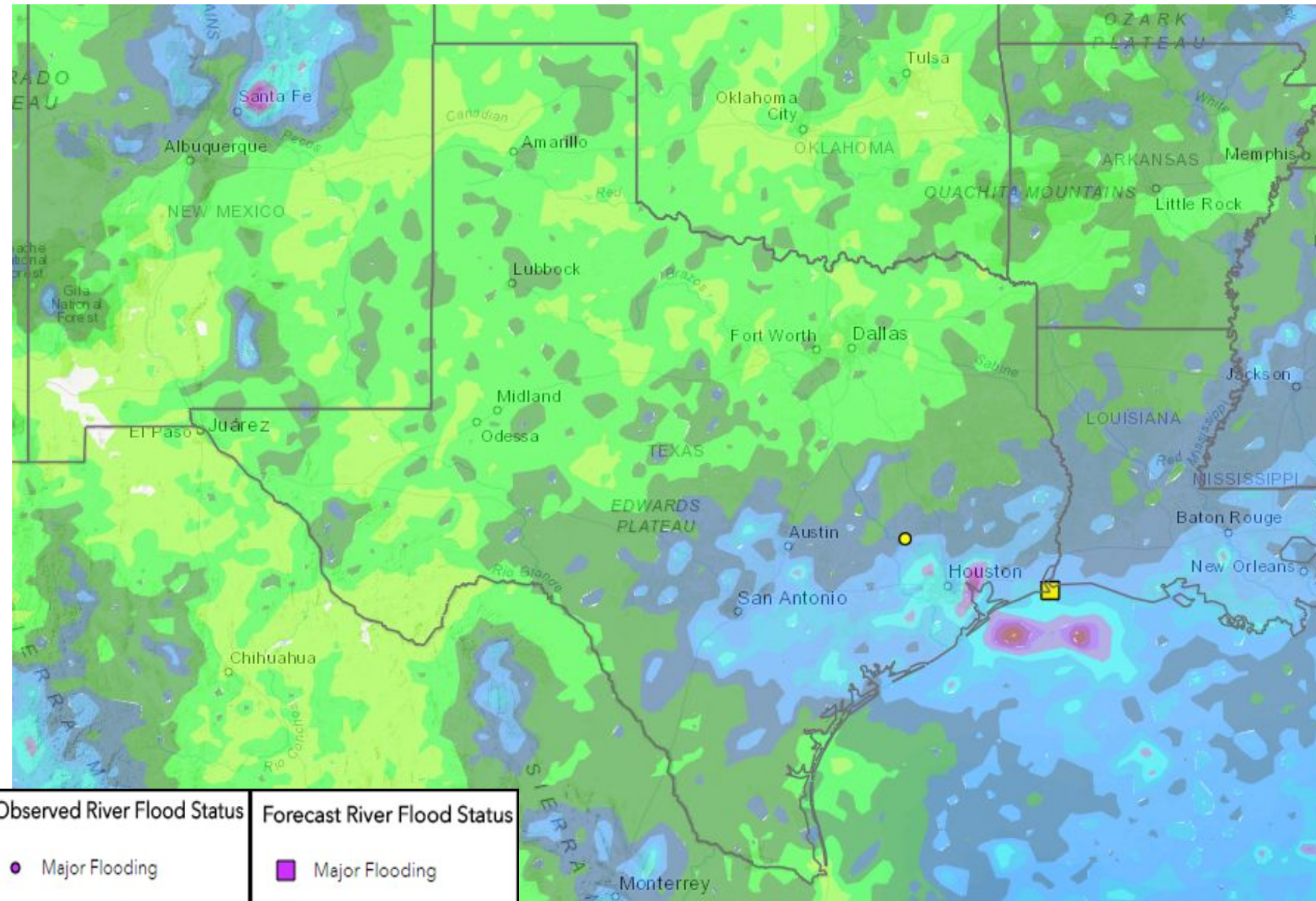
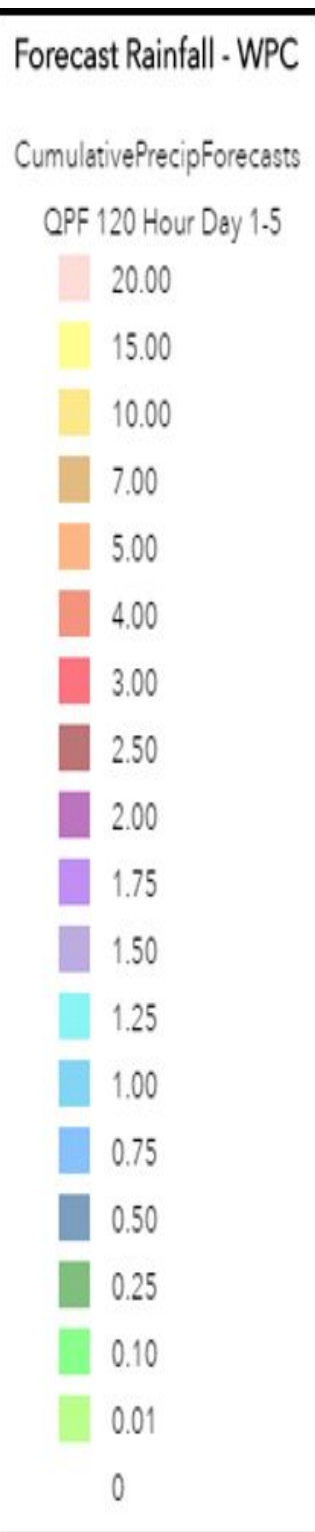






# 5-Day Precipitation Forecast & River Flood Status

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



Observed River Flood Status	Forecast River Flood Status
Major Flooding	Major Flooding
Moderate Flooding	Moderate Flooding
Minor Flooding	Minor Flooding
Near	Near Flood
action	No Flooding

**No significant river flooding.**

*Note: Numerical levels (e.g. level 1 of 4) will not be assigned to riverine flooding due to the varying levels of impacts across flood categories.*

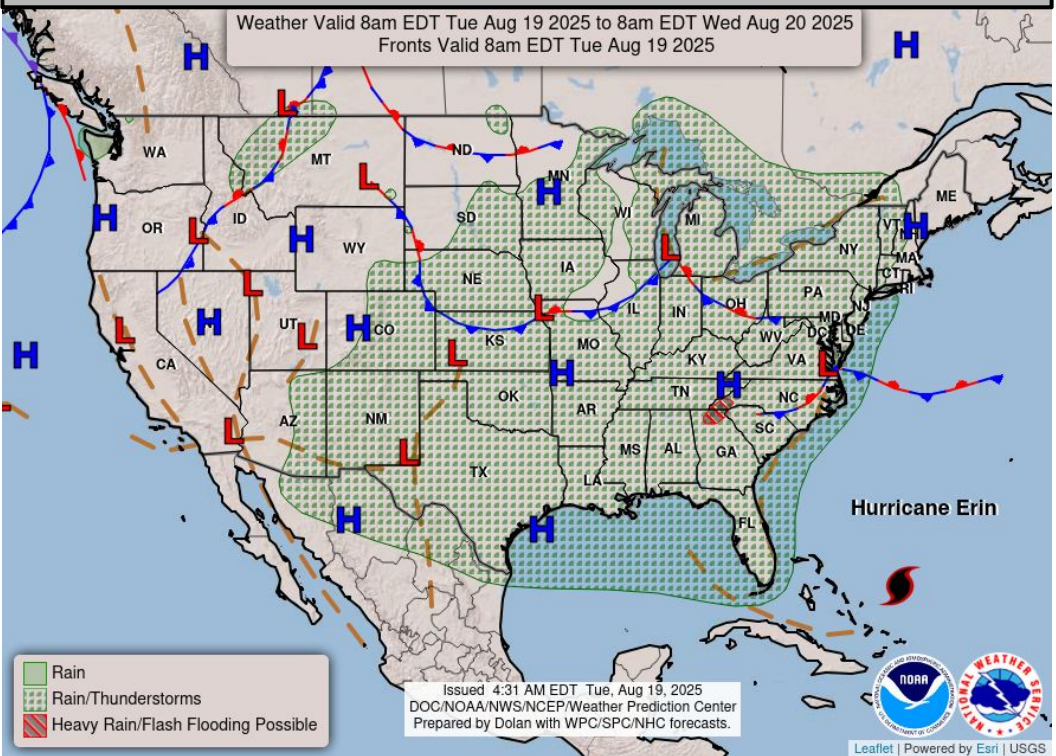




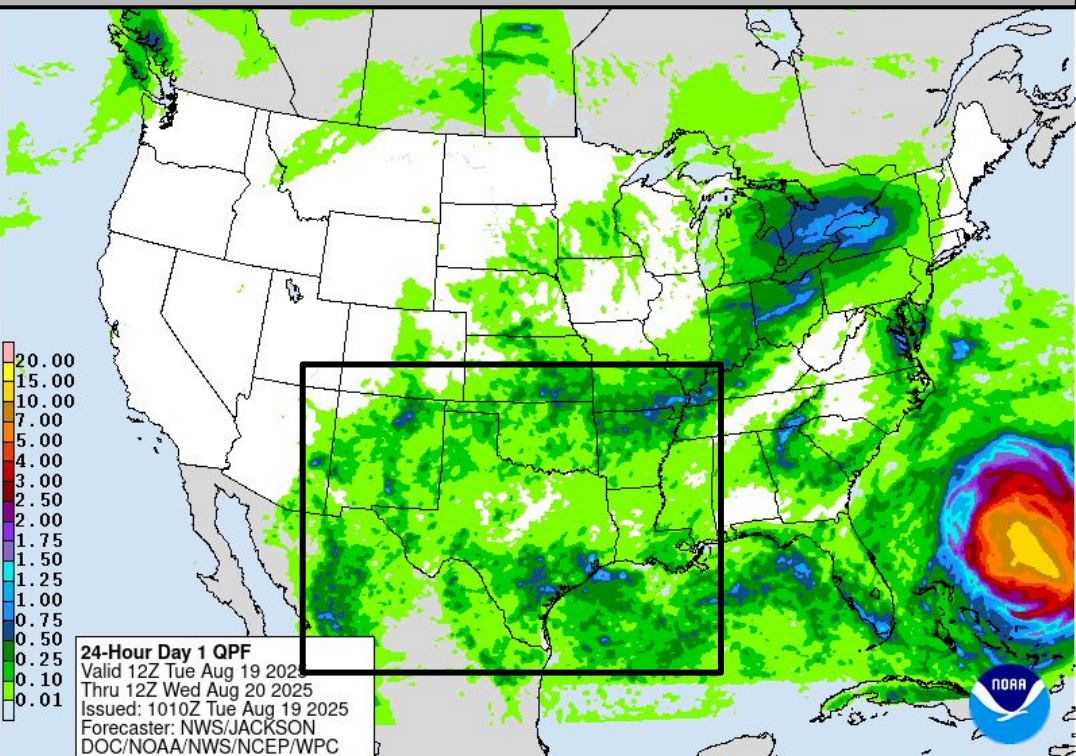


# Today's Weather

## Forecast Chart



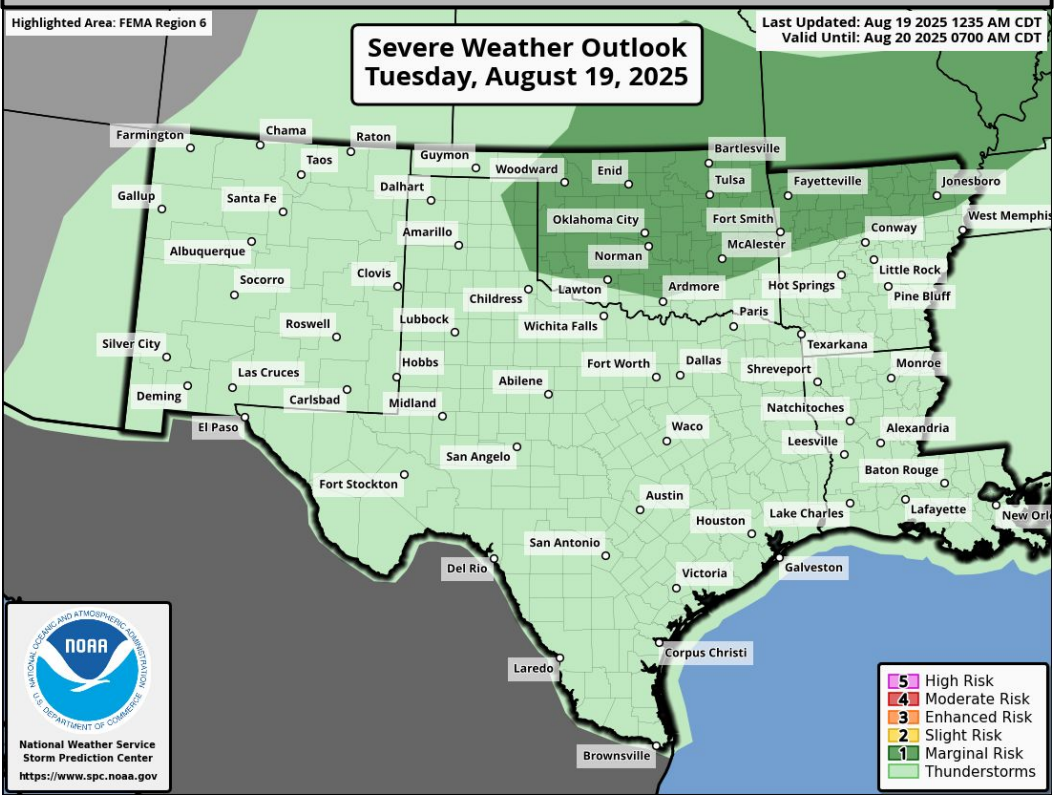
## Forecast Rainfall



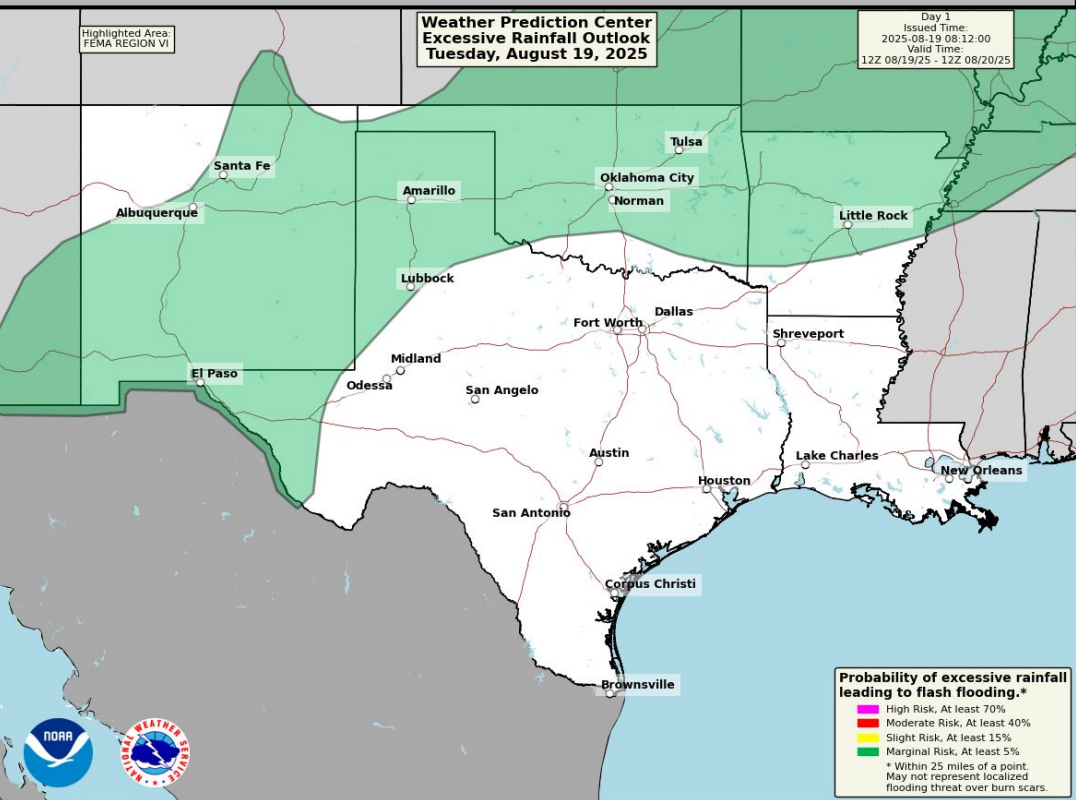
**Hazardous heat in the ArkLaTex area.**

**Marginal risk (level 1 of 4) for flash flooding in NM, TX, SE OK, AR, LA.**

## Severe Weather Outlook



## Excessive Rainfall Outlook



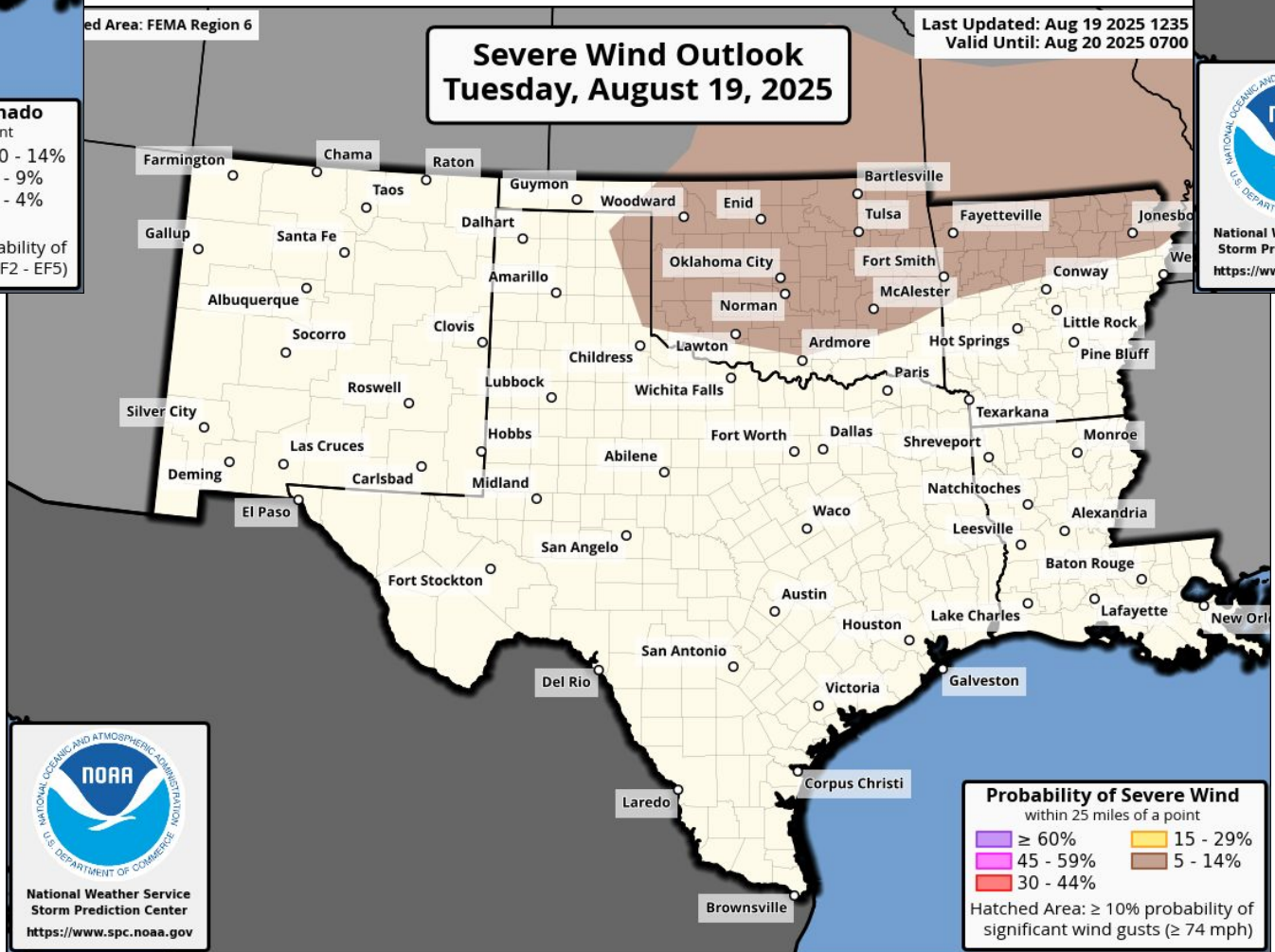
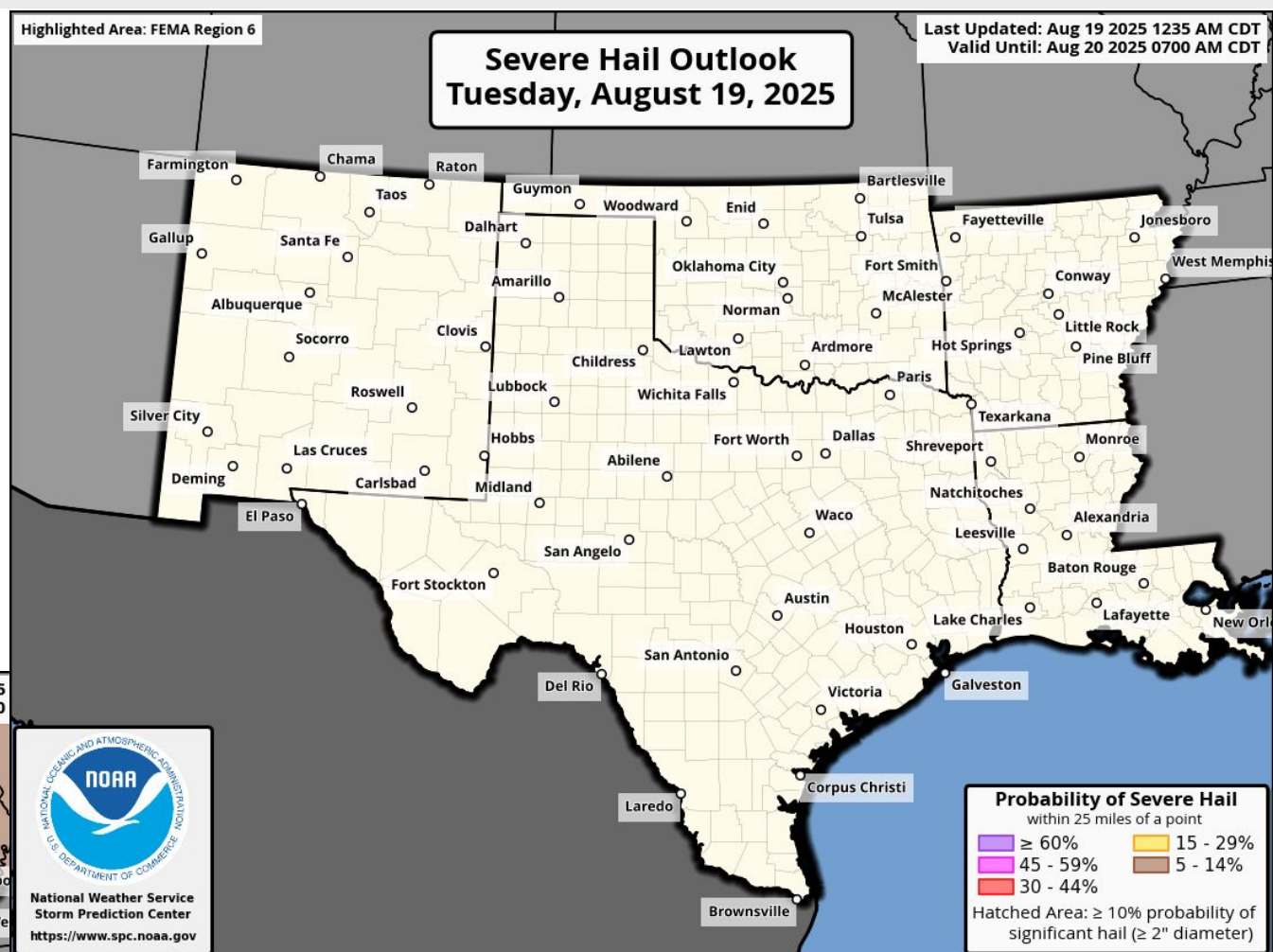
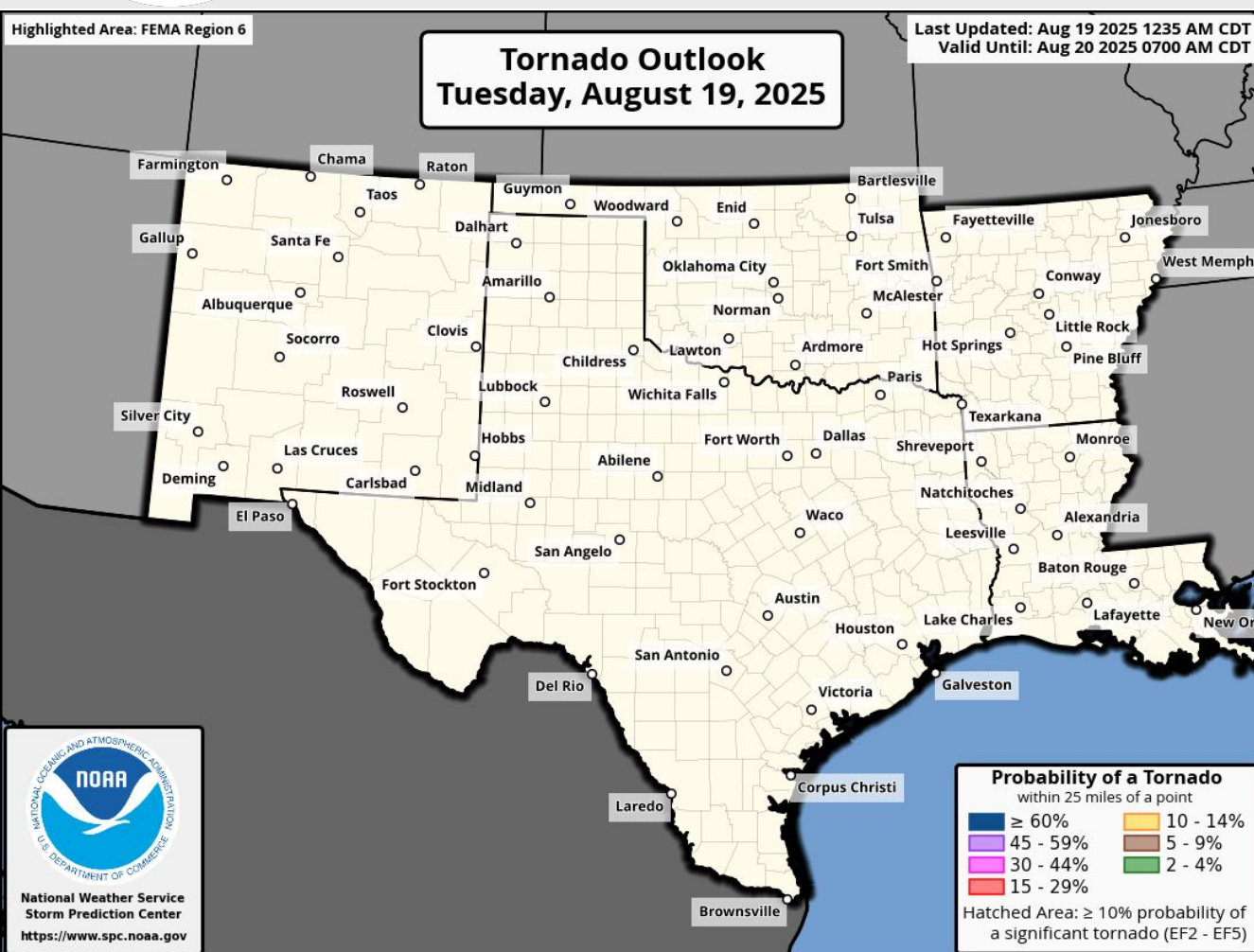
**\*Burn Scar Flash Flooding information on Burn Scar Matrix slides\***







# Today's Tornado & Severe Wind / Hail Probabilities

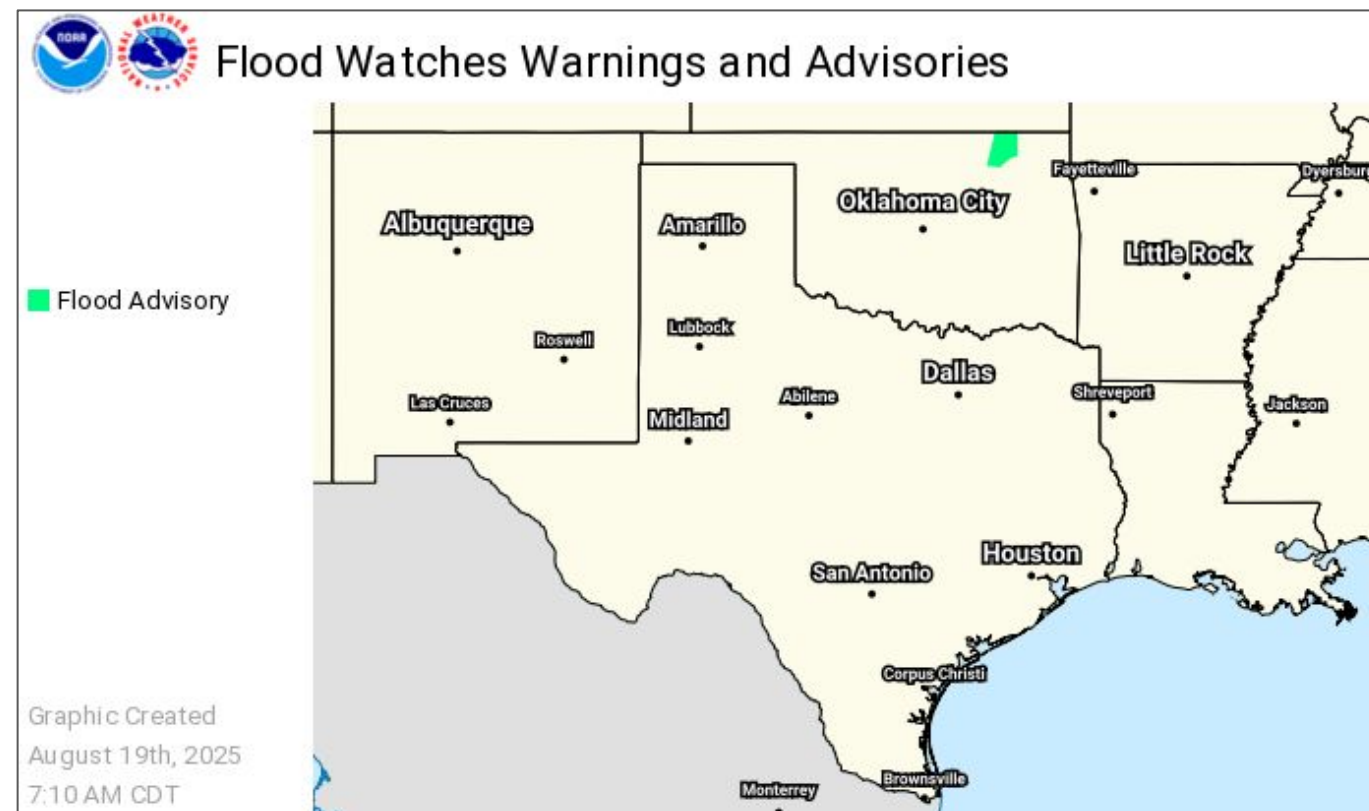
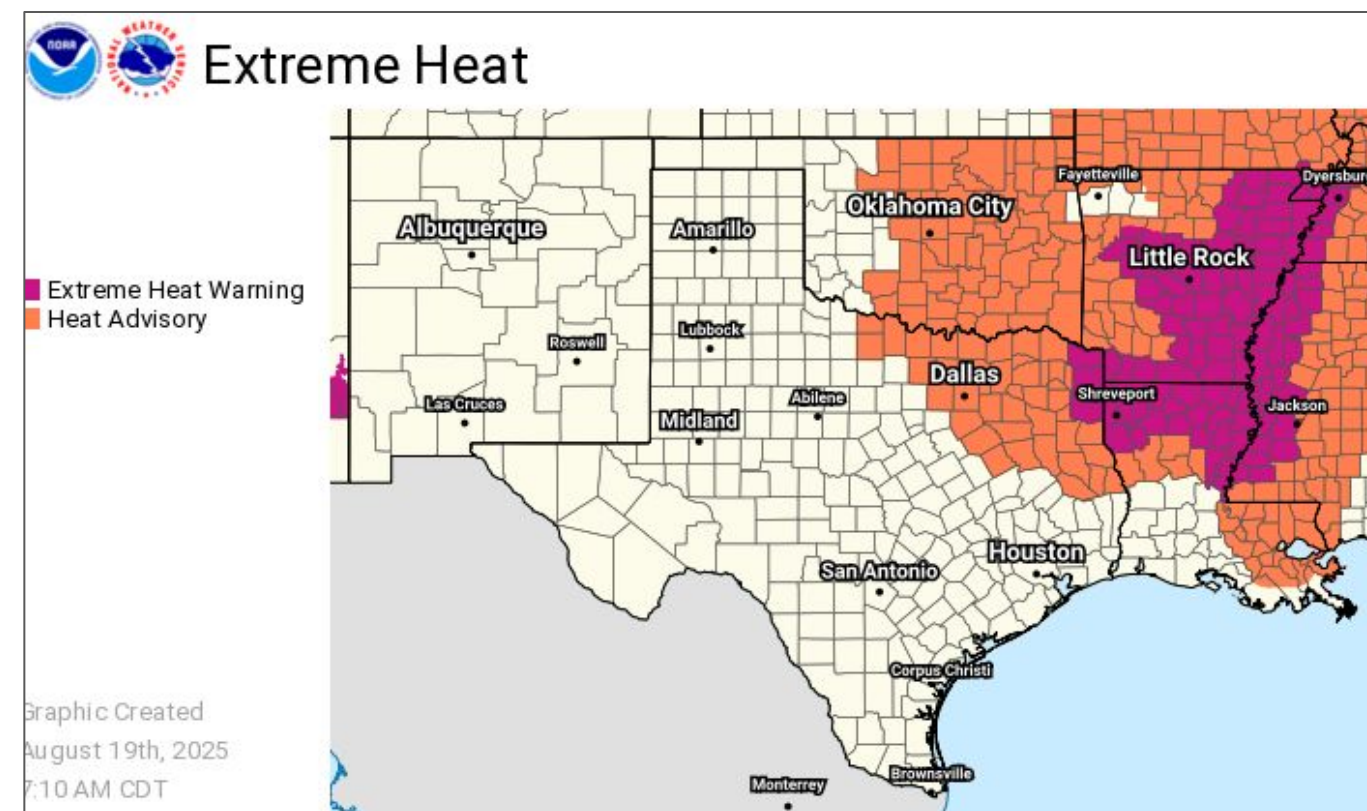
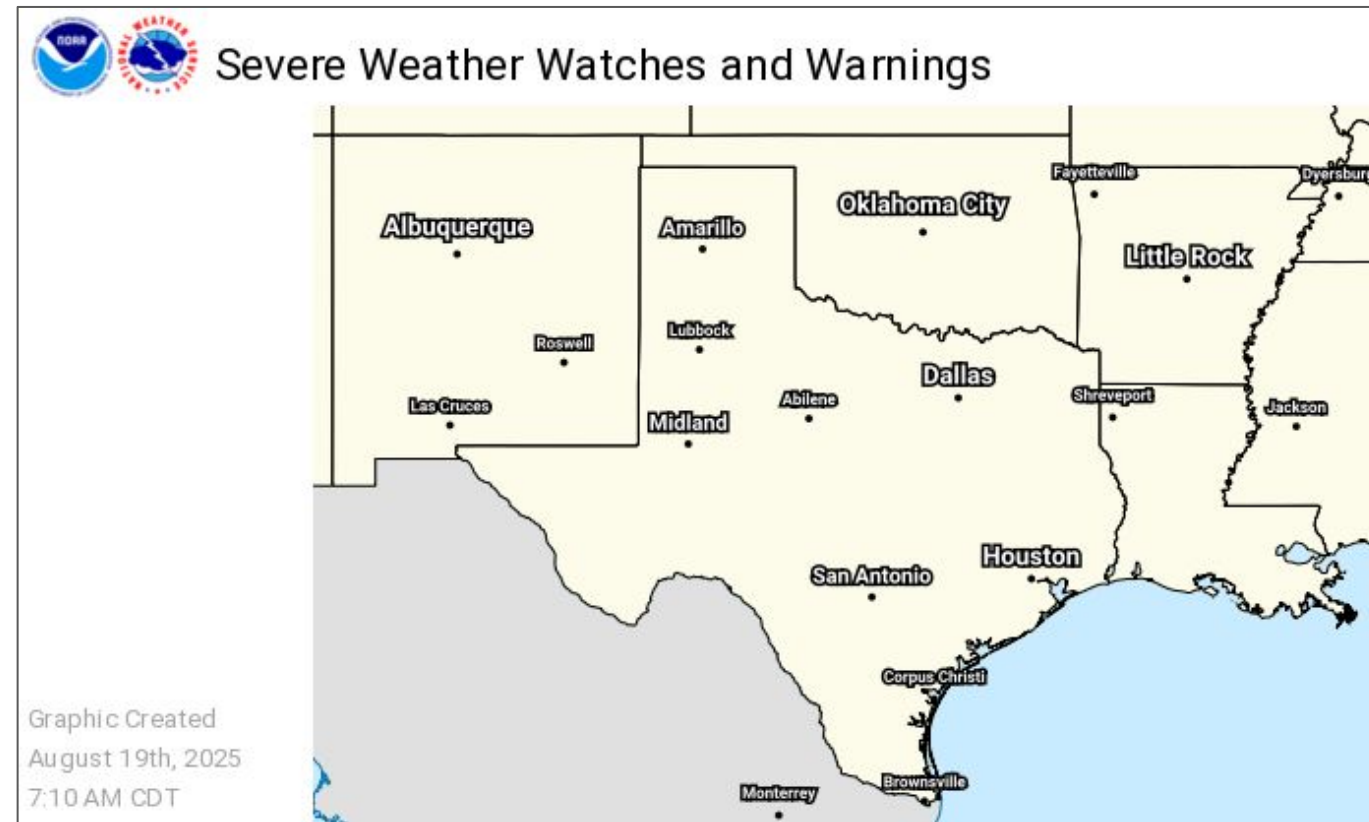






# Watches, Warnings, and Advisories

Wind, Severe, Heat, and Flood Hazards



**Excessive Heat Warning  
for much of AR and N LA.  
Heat index values near  
110.**

**Heat Advisory in effect  
across E OK, AR, NE TX,  
N LA. Heat index values  
of 106-109 degrees.**



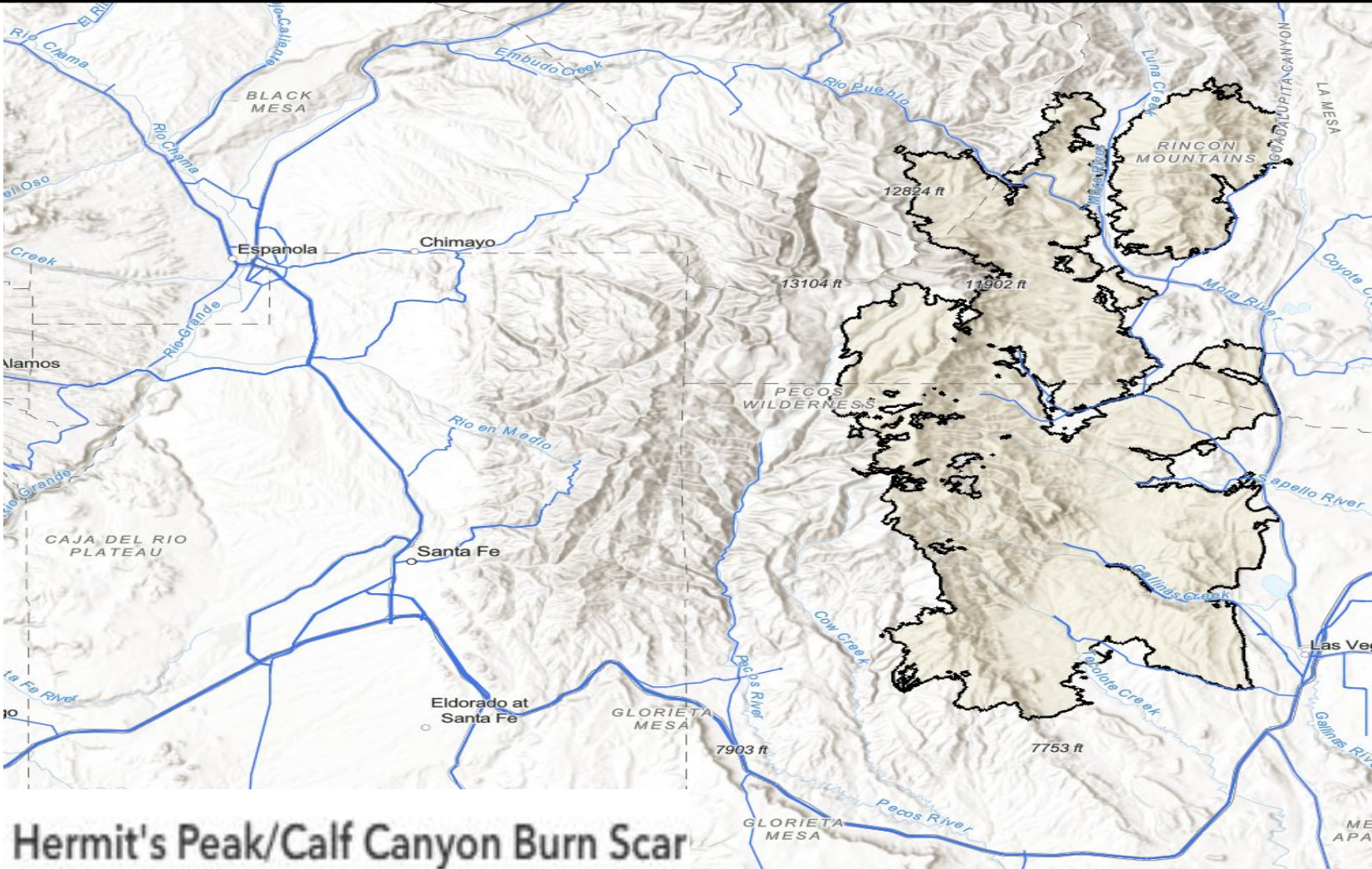




# Burn Scar Debris Flow Risk - HPCC Scar New Mexico

## Hermit's Peak/Calf Canyon Burn Scar

	Monday, Aug 18	Tuesday, Aug 19	Wednesday, Aug 20	Thursday, Aug 21
Flash Flooding	Moderate	Moderate	Minor	Minor
Timing - CDT	1 pm - 8pm	Afternoon/Evening	Afternoon/Evening	Afternoon/Evening



Little to None	No Flash Flood Threat
Minor (level 1 of 4)	Slight Risk of Flash Flooding
Moderate (level 2 of 4)	Probability of Flash Flooding Issuance 40% to 60%
Major (level 3 of 4)	Flood Watch Issued OR Debris Flow Probability > 50%
Extreme (level 4 of 4)	Life Threatening Flash Flooding Likely - Historic Type Day
<ul style="list-style-type: none"><li>WPC's Excessive Rainfall Outlook is <i>Not Applicable</i> to burn scars.</li></ul>	



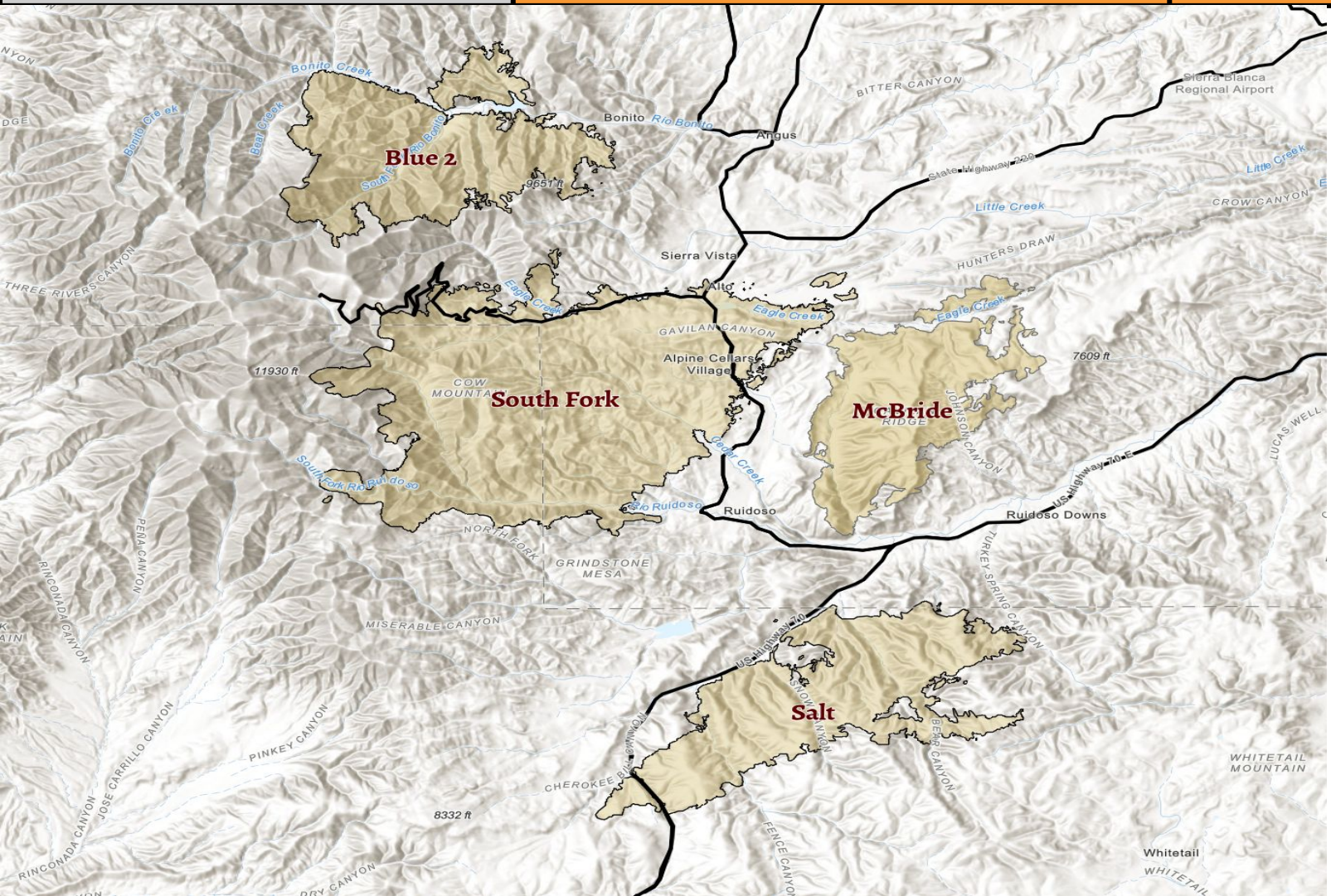




# Burn Scar Debris Flow Risk - Ruidoso, New Mexico

## Sacramento Complex

	Monday, Aug 18	Tuesday, Aug 19	Wednesday, Aug 20	Thursday, Aug 21
Flash Flooding	Moderate	Moderate	Minor	Minor
Timing - CDT	1pm to 8 pm	Afternoon/Evening	Afternoon/Evening	Afternoon/Evening

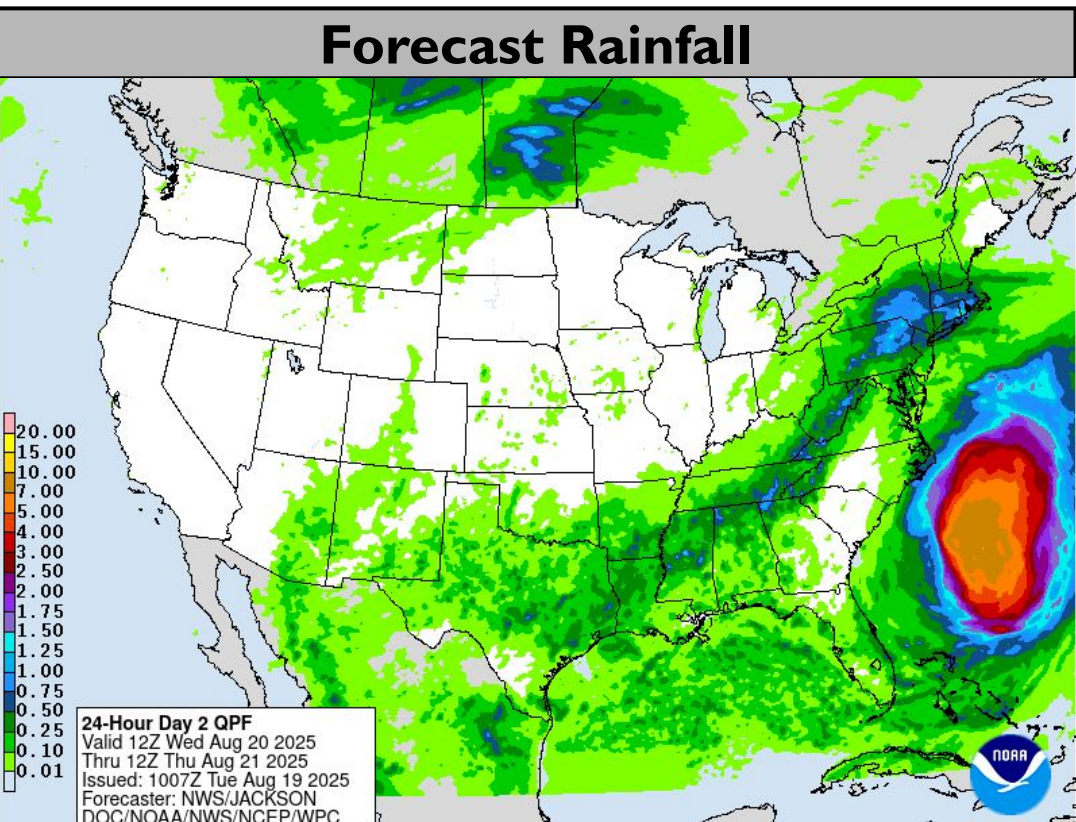
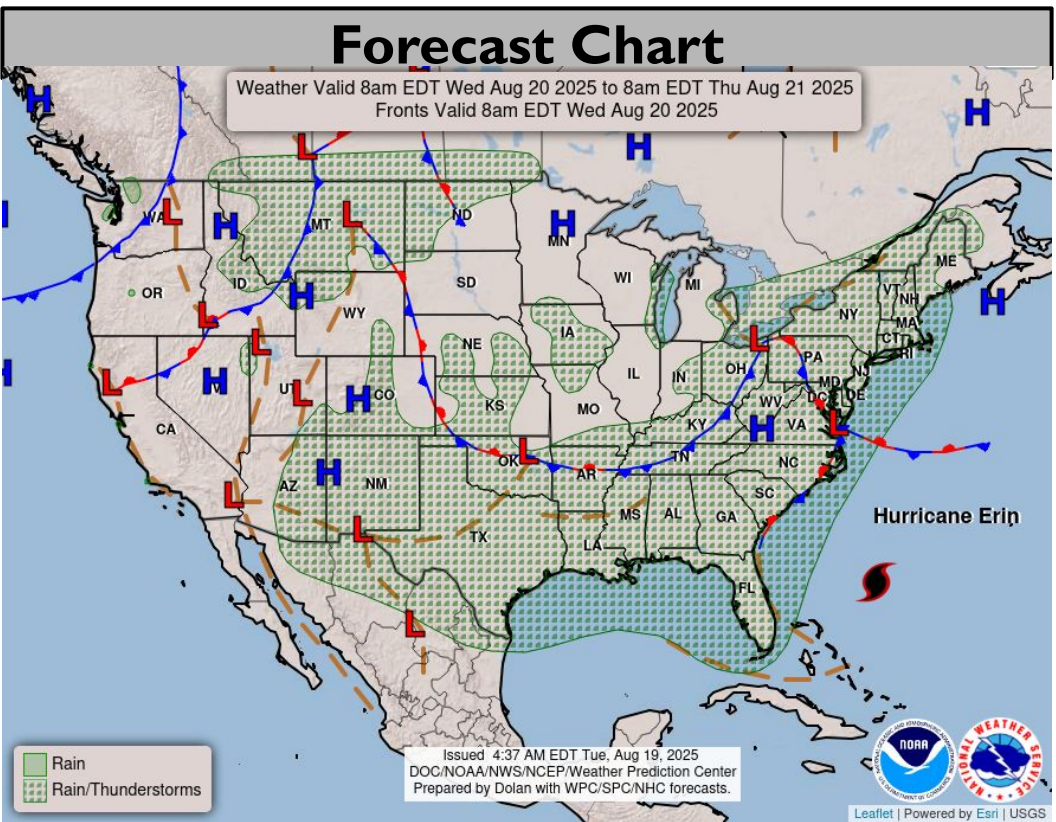


Little to None	No Flash Flood Threat
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Extreme (level 4 of 4)	Life Threatening Flash Flooding Likely - Historic Type Day
<ul style="list-style-type: none"><li>WPC's Excessive Rainfall Outlook is <i>Not Applicable</i> to burn scars.</li><li><b>*Note*</b> 2nd year burn scars can be <u>more dangerous</u> than year 1.</li></ul>	

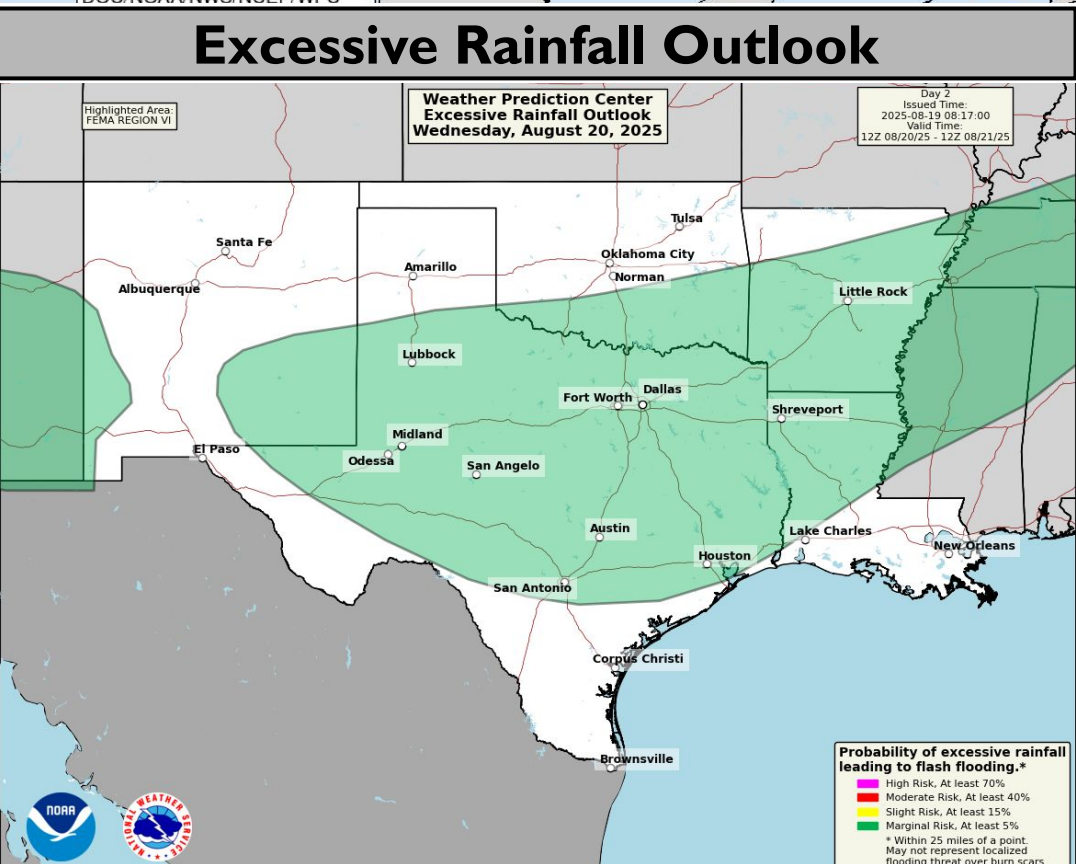
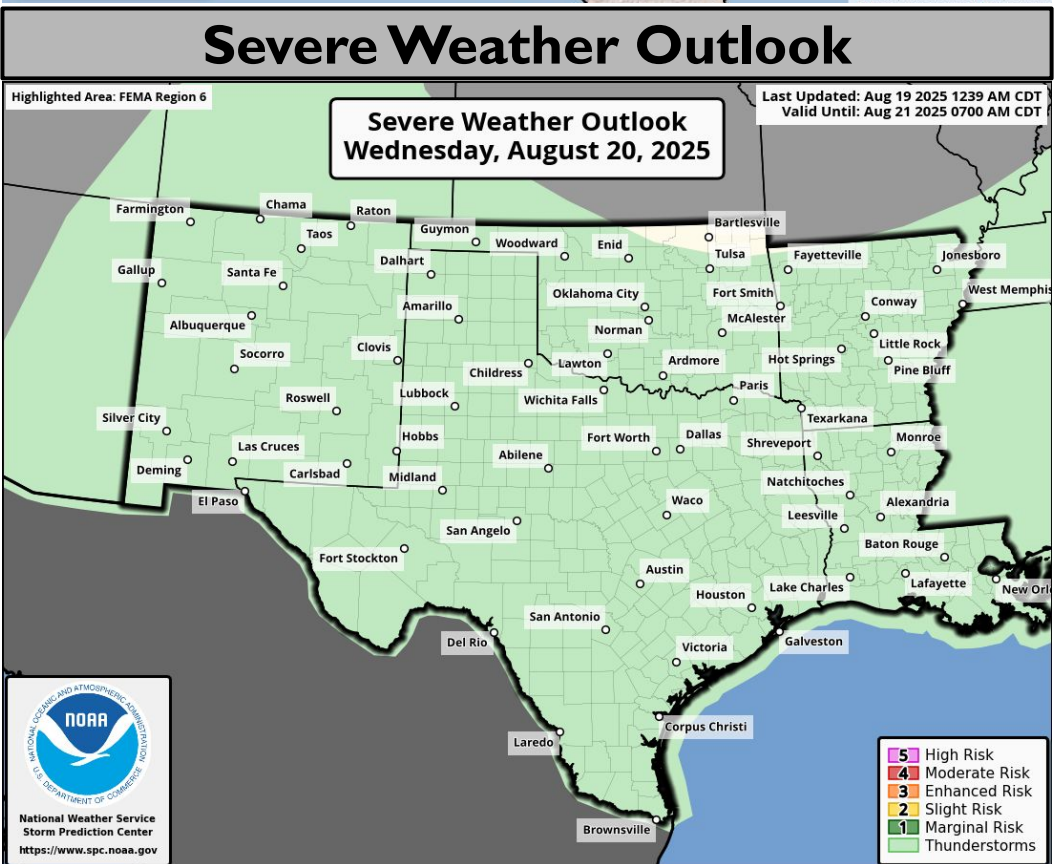




# Tomorrow's Weather



**Marginal risk (level 1 of 4) for flash flooding in W NM, S-CTX, LA.**

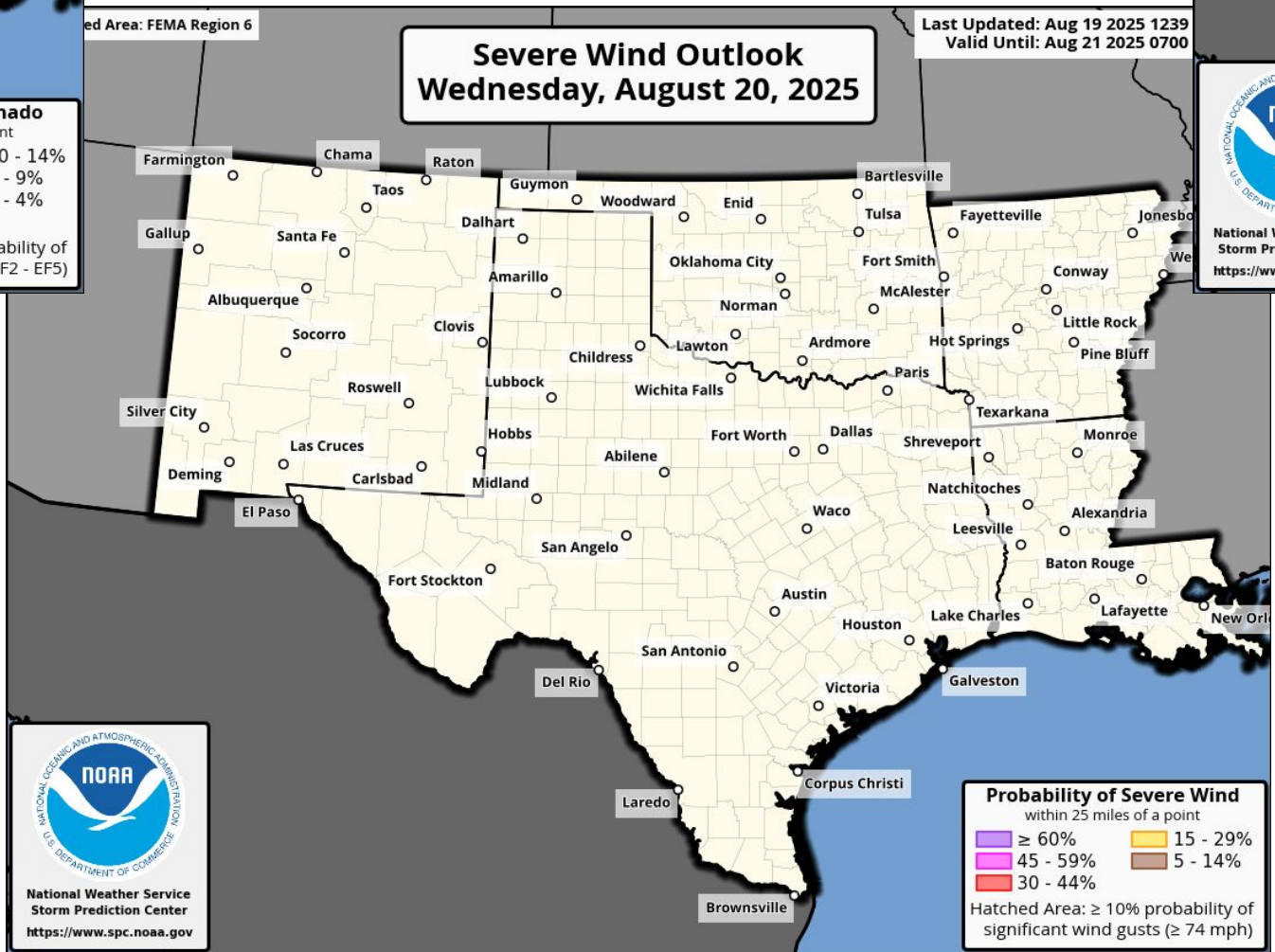
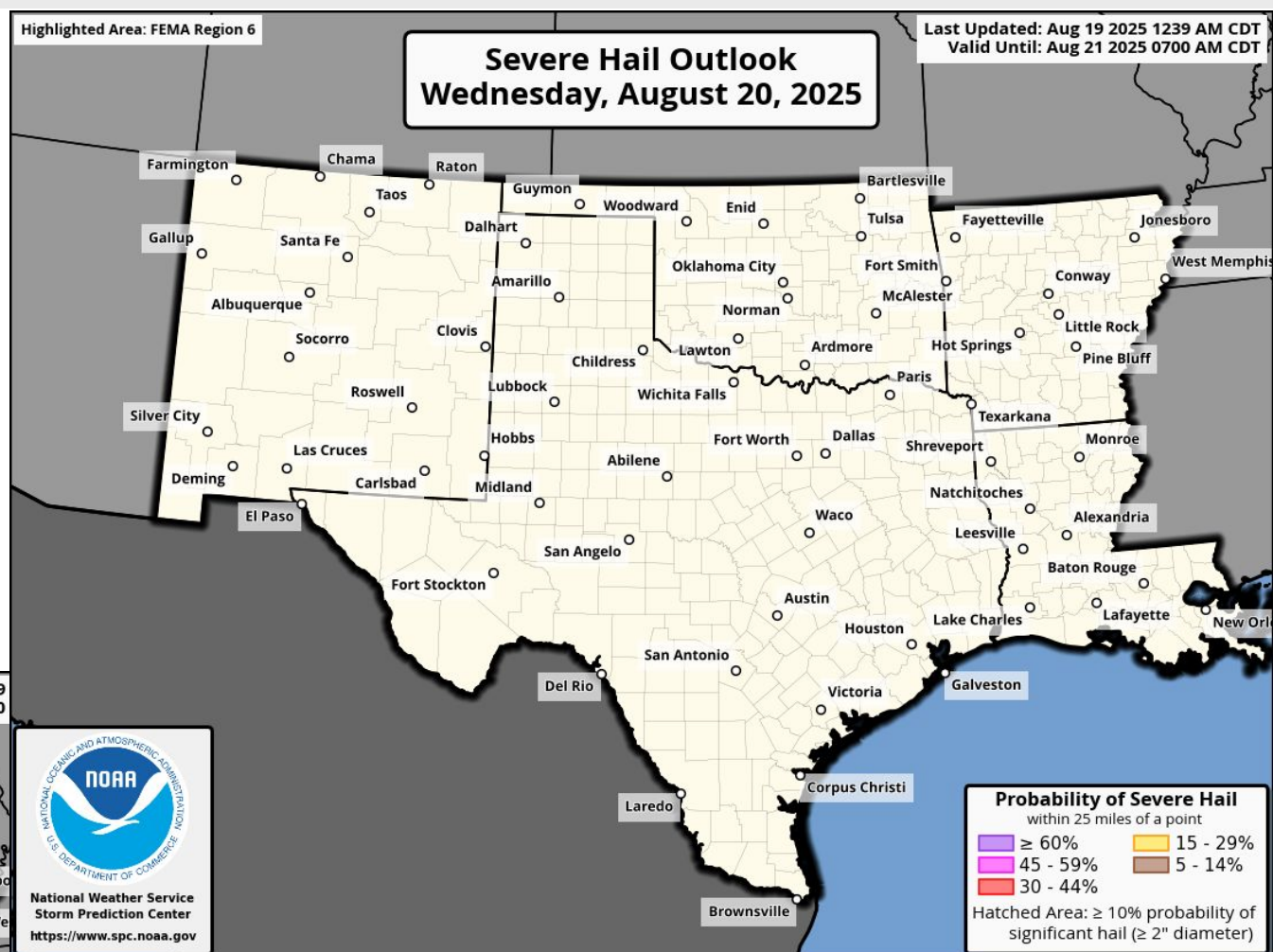
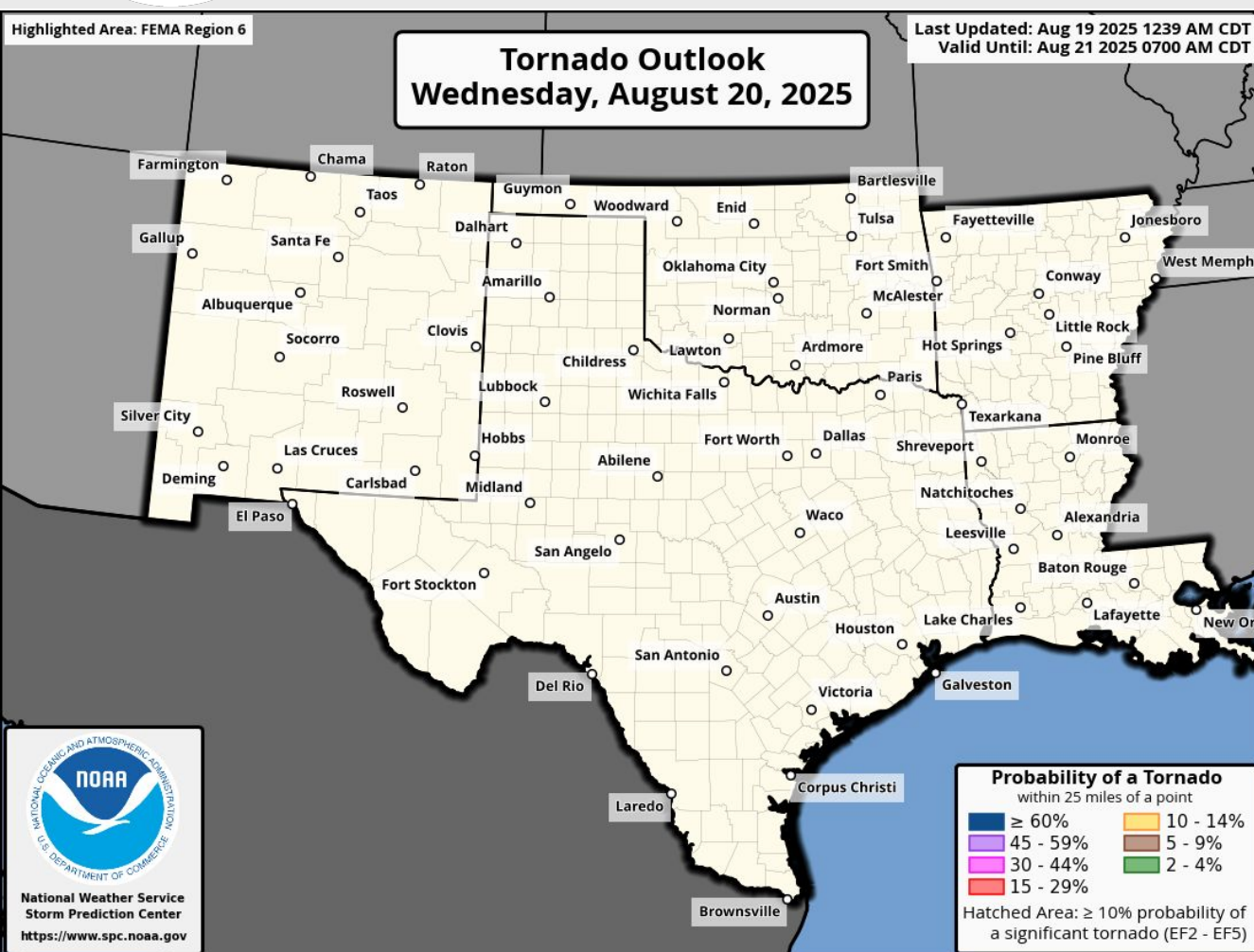


**\*Burn Scar Flash Flooding information on Burn Scar Matrix slides\***





# Tomorrow's Tornado & Severe Wind / Hail Probabilities

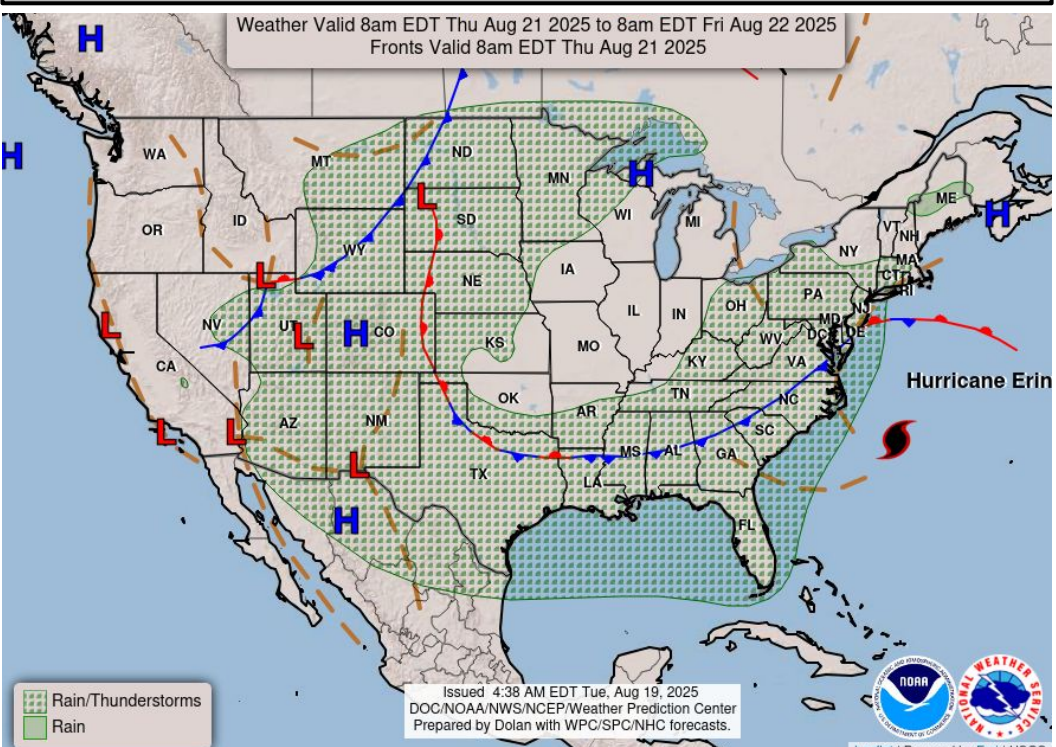




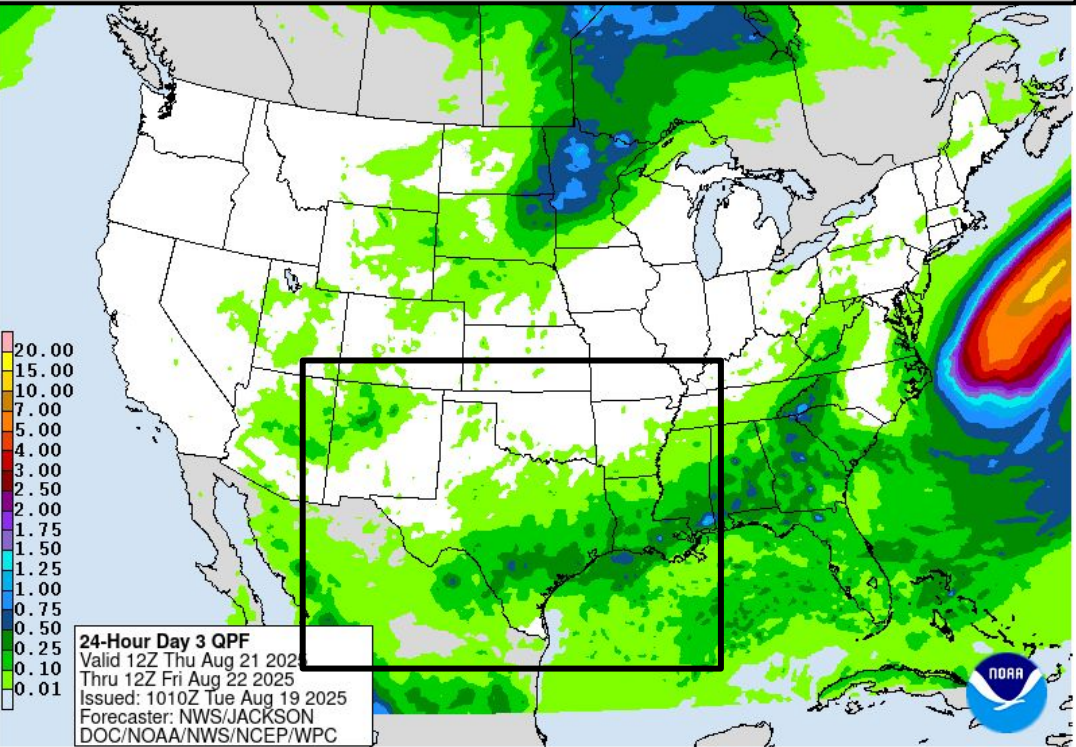


# Thursday's Weather

## Forecast Chart

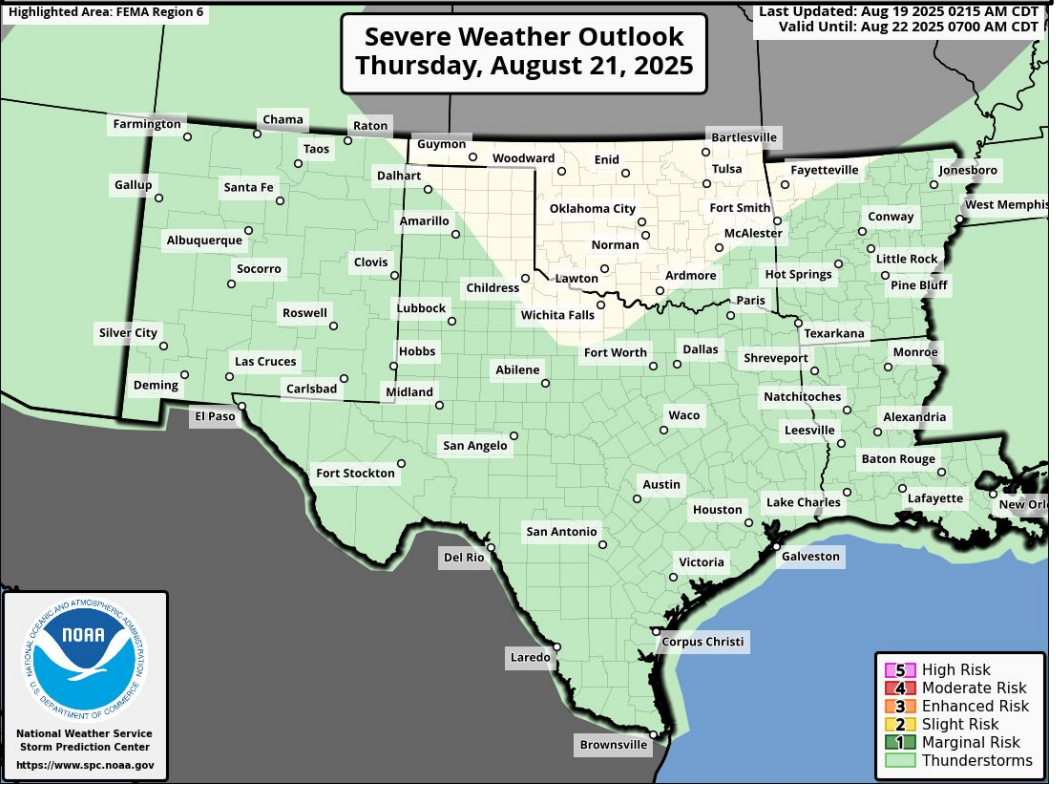


## Forecast Rainfall

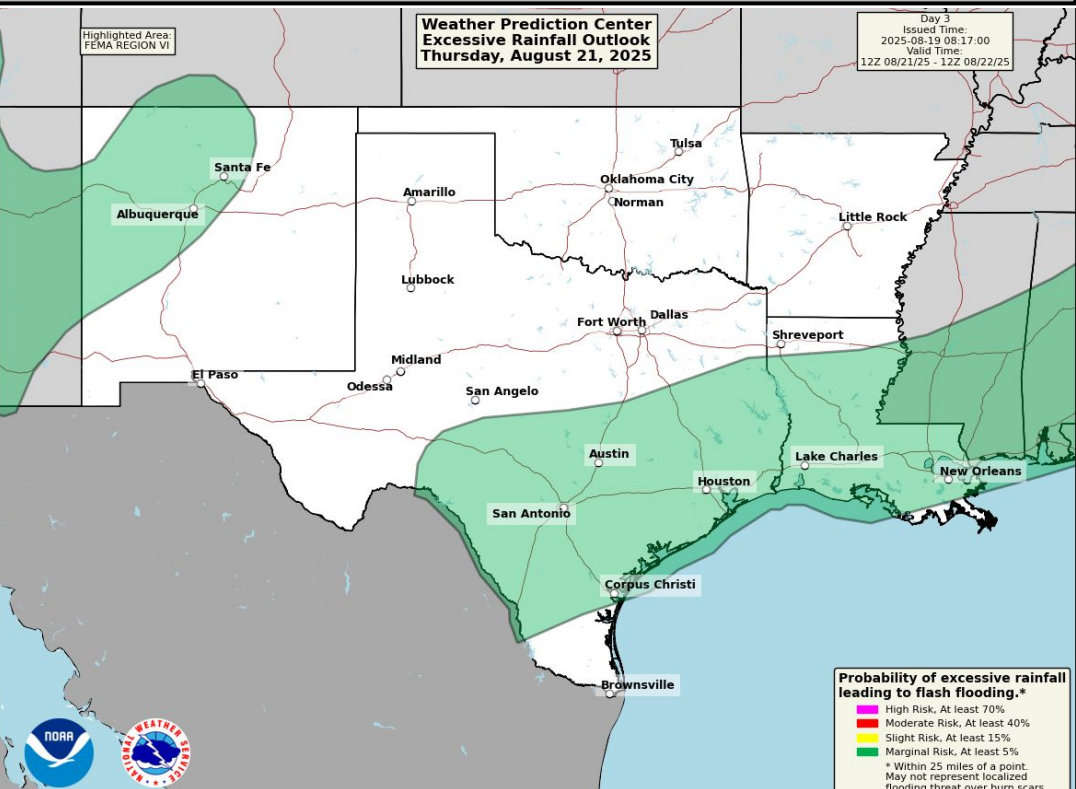


**Marginal risk (level 1 of 4) for flash flooding in W NM and SE LA.**

## Severe Weather Outlook



## Excessive Rainfall Outlook



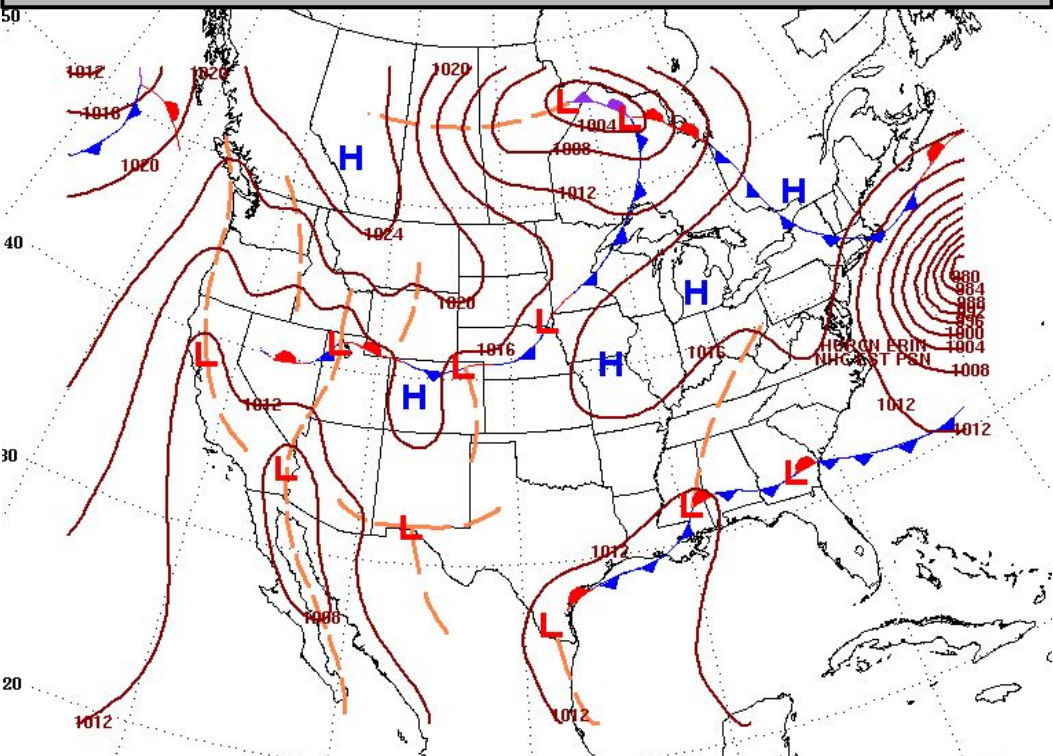
**\*Burn Scar Flash Flooding information on Burn Scar Matrix slides\***



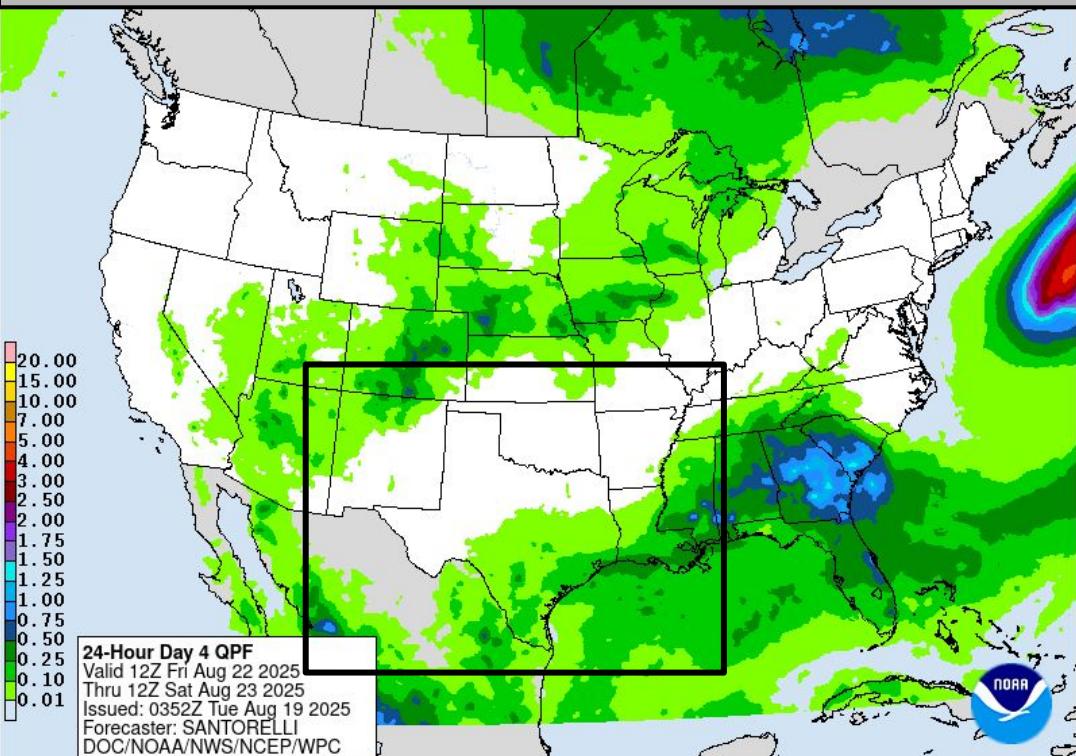


# Friday's Weather

Forecast Chart

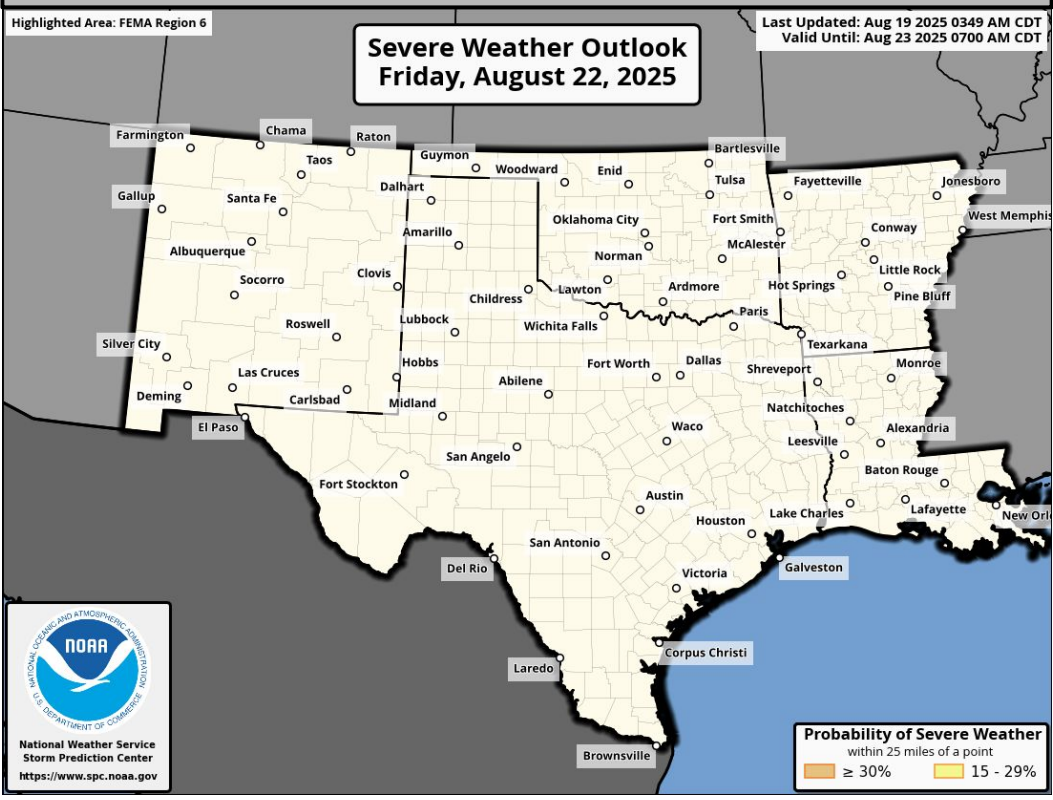


Forecast Rainfall

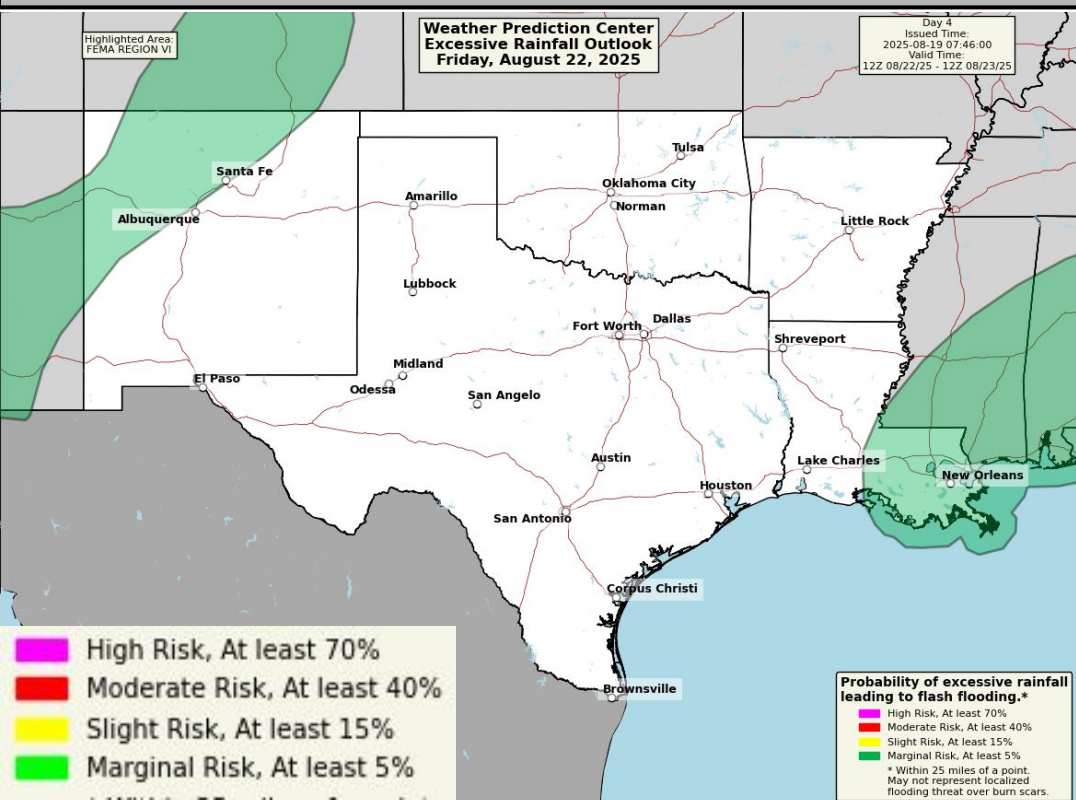


Marginal risk (level I of 4) for flash flooding in N NM.

Severe Weather Outlook



Excessive Rainfall Outlook



*\*Burn Scar Flash Flooding information on Burn Scar Matrix slides\**

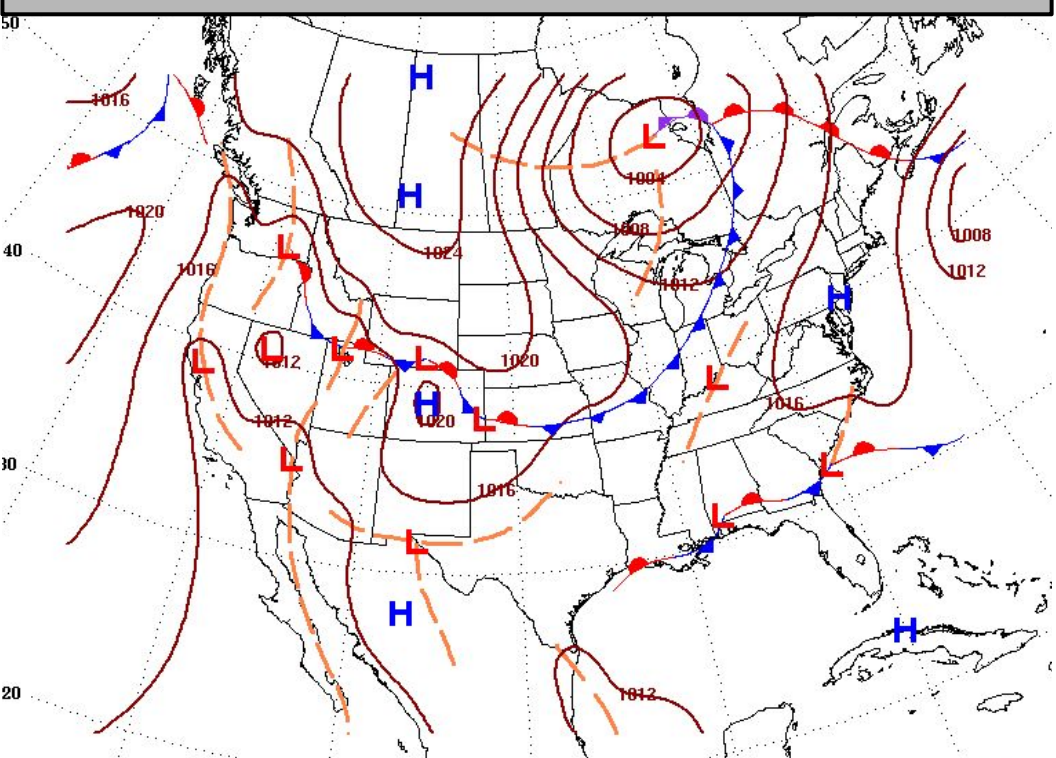




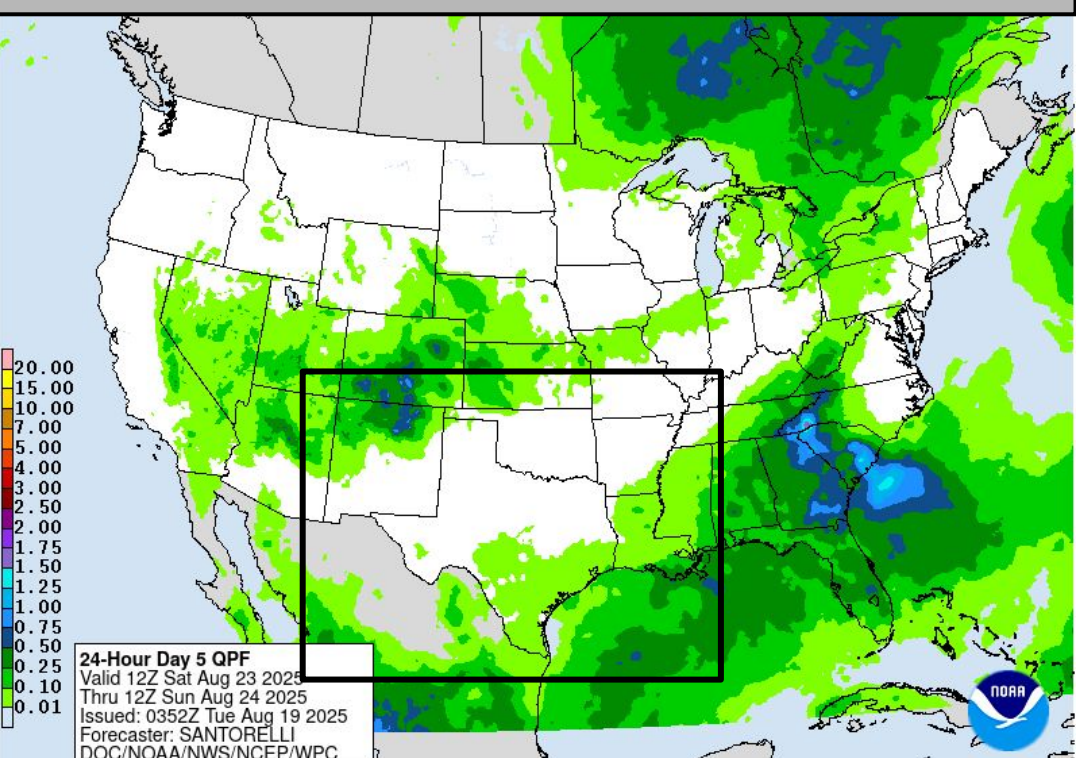


# Saturday's Weather

Forecast Chart

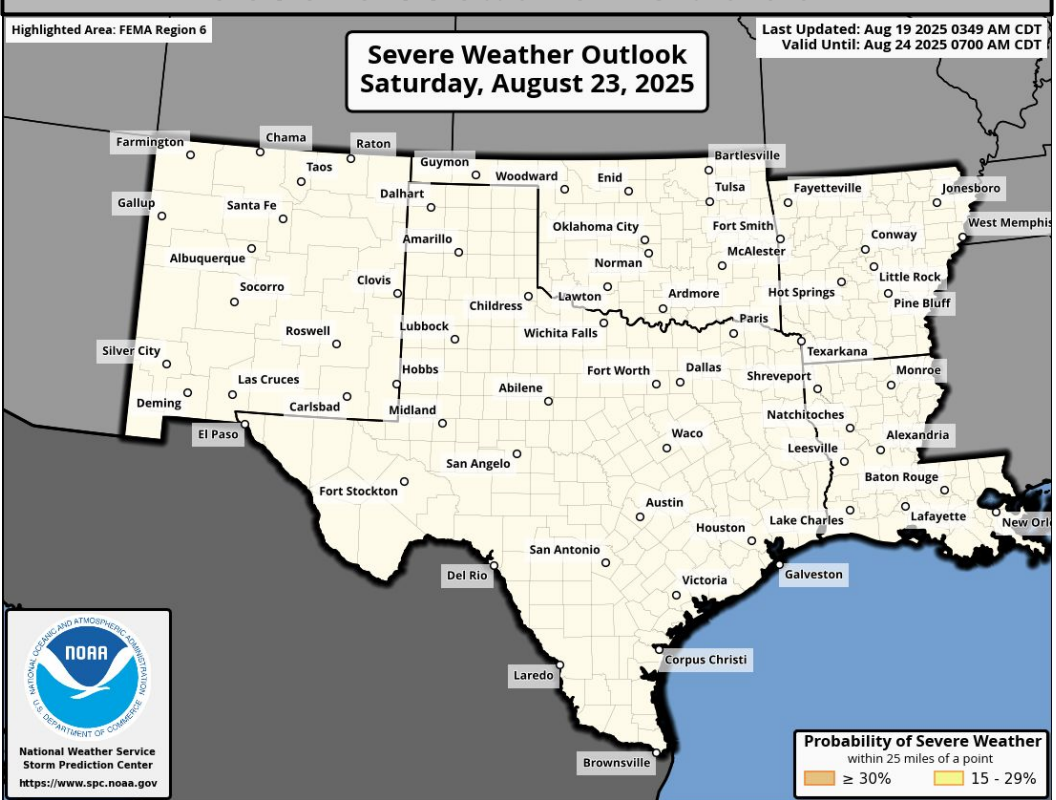


Forecast Rainfall

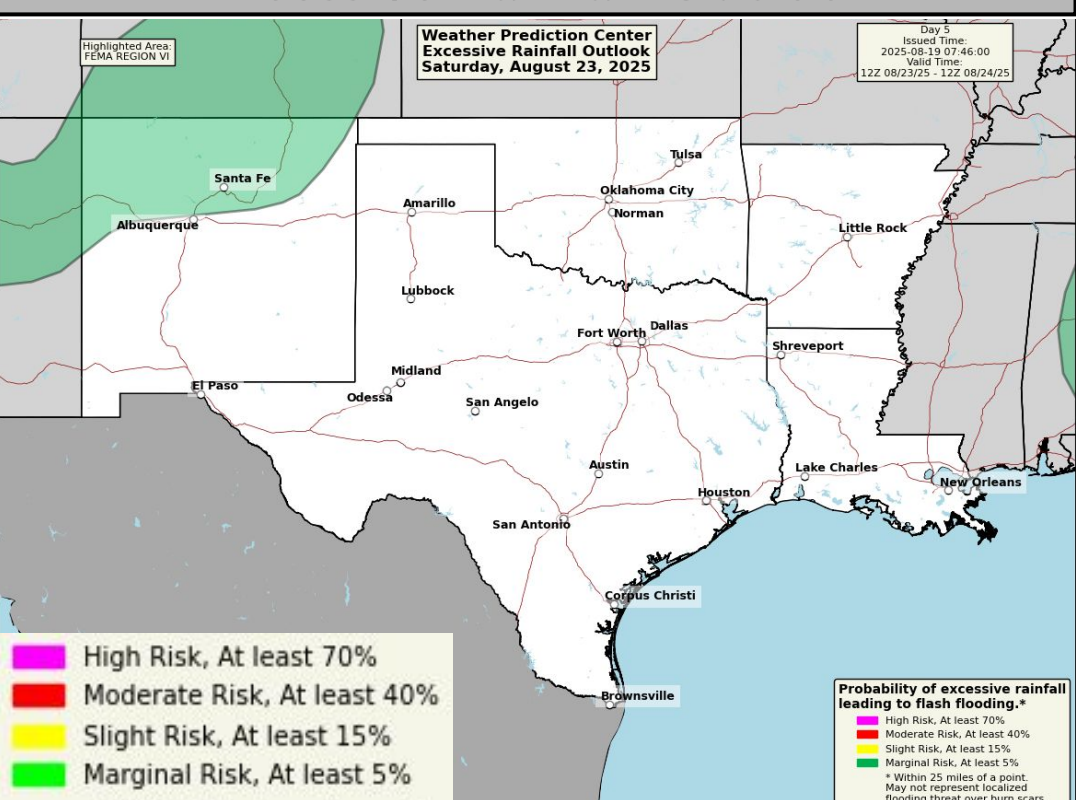


**Monitoring northern NM and OK for heavy rain/flash flooding.**

Severe Weather Outlook



Excessive Rainfall Outlook

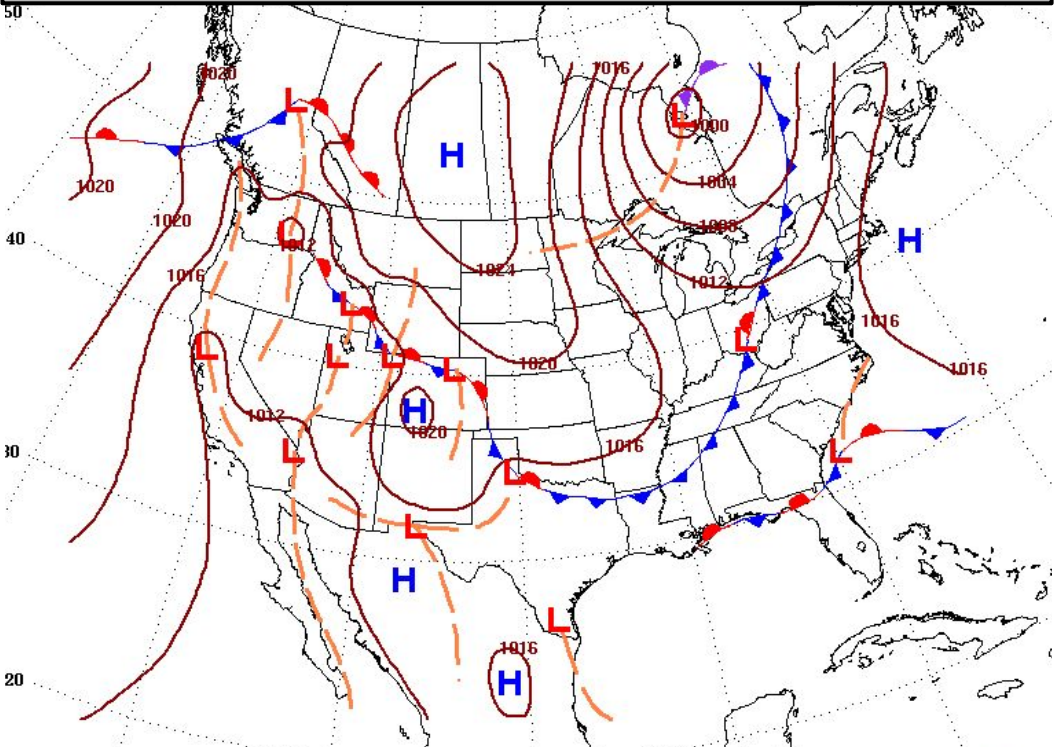




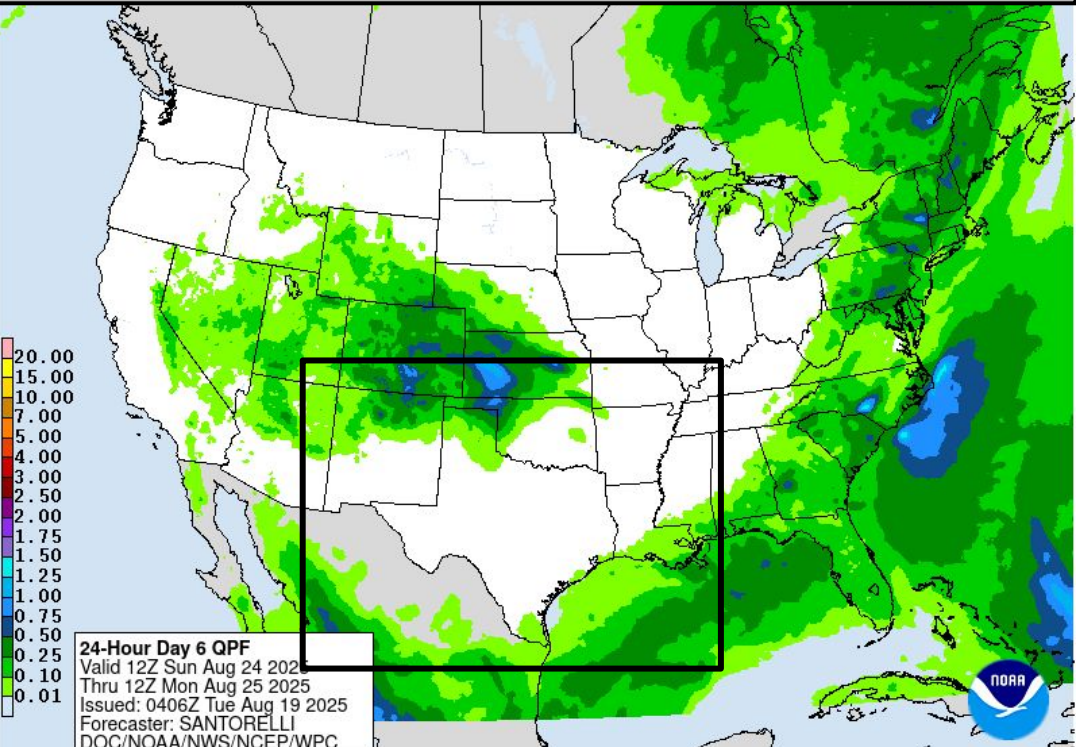


# Sunday's Weather

Forecast Chart

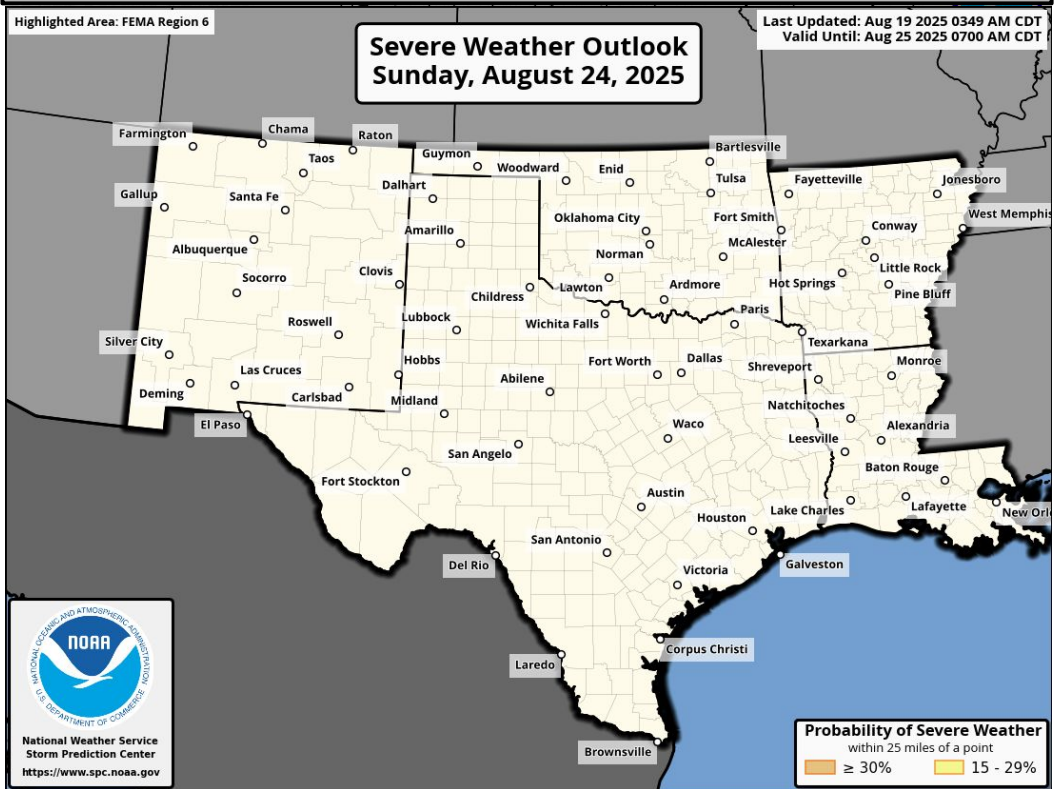


Forecast Rainfall



**Monitoring northern NM and OK for heavy rain/flash flooding.**

Severe Weather Outlook



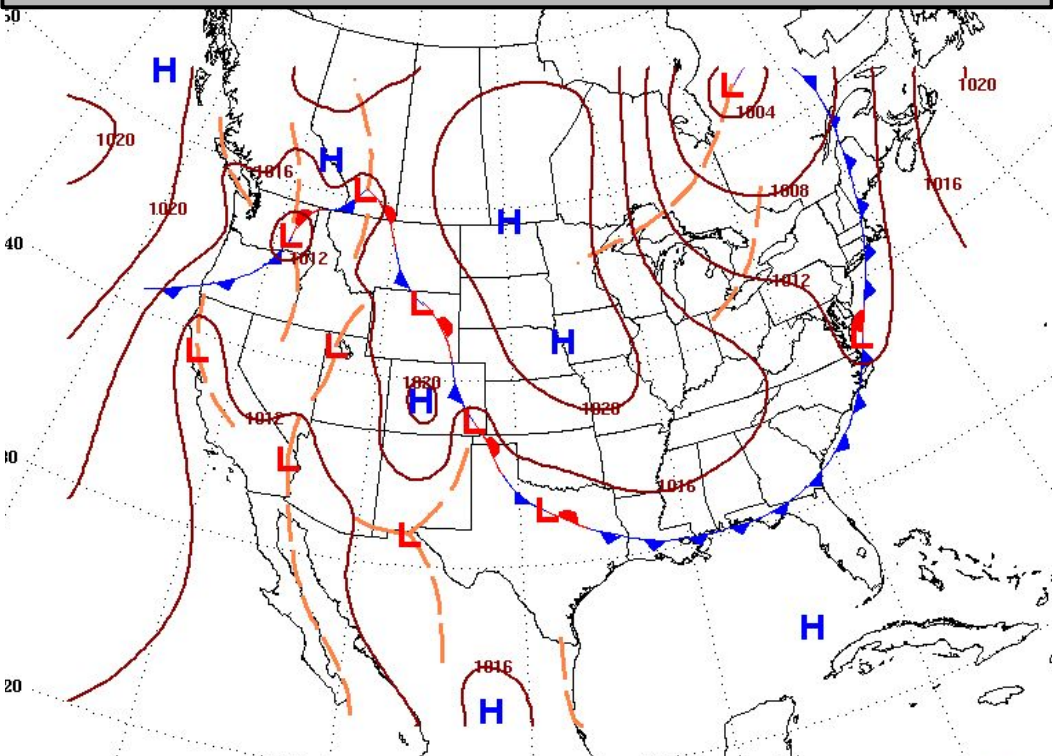
**Excessive Rainfall Outlooks not available beyond Day 5**



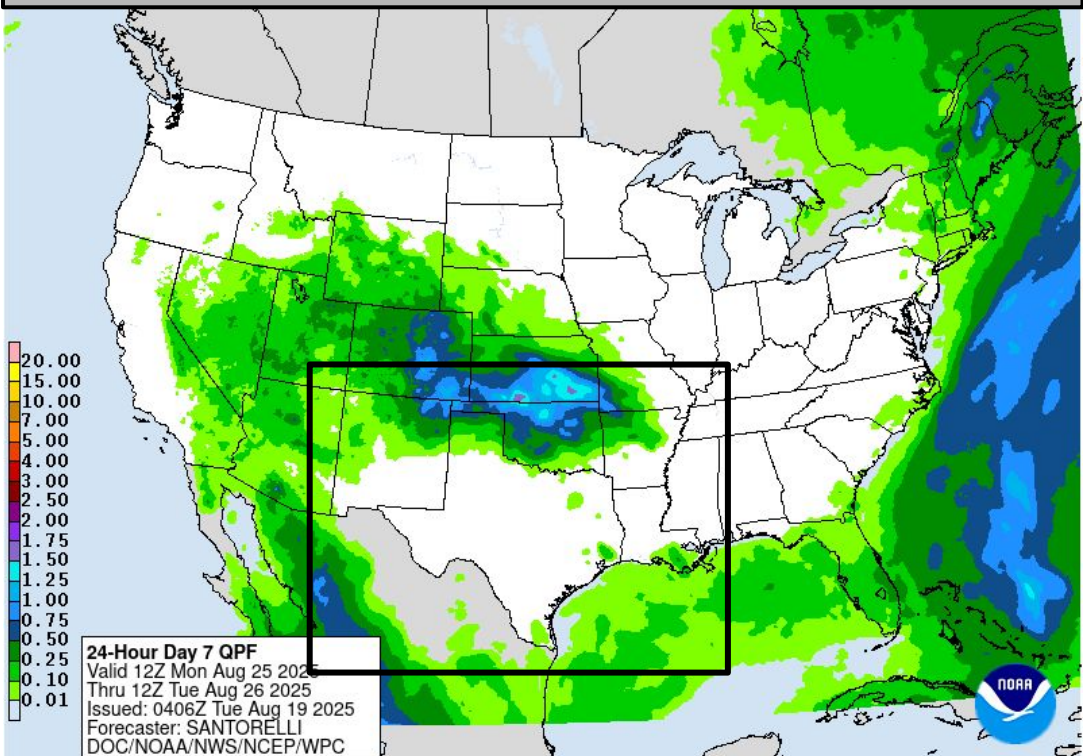


# Monday's Weather

Forecast Chart

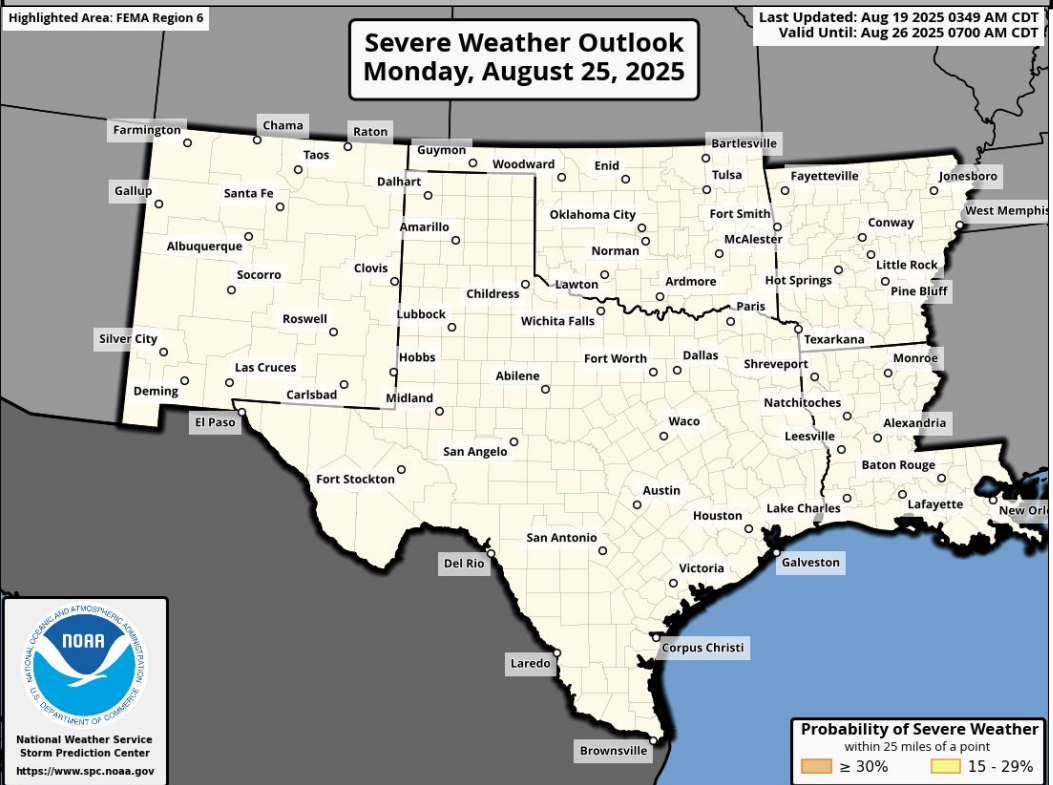


Forecast Rainfall



No significant weather expected.

Severe Weather Outlook



Excessive Rainfall Outlooks not available beyond Day 5

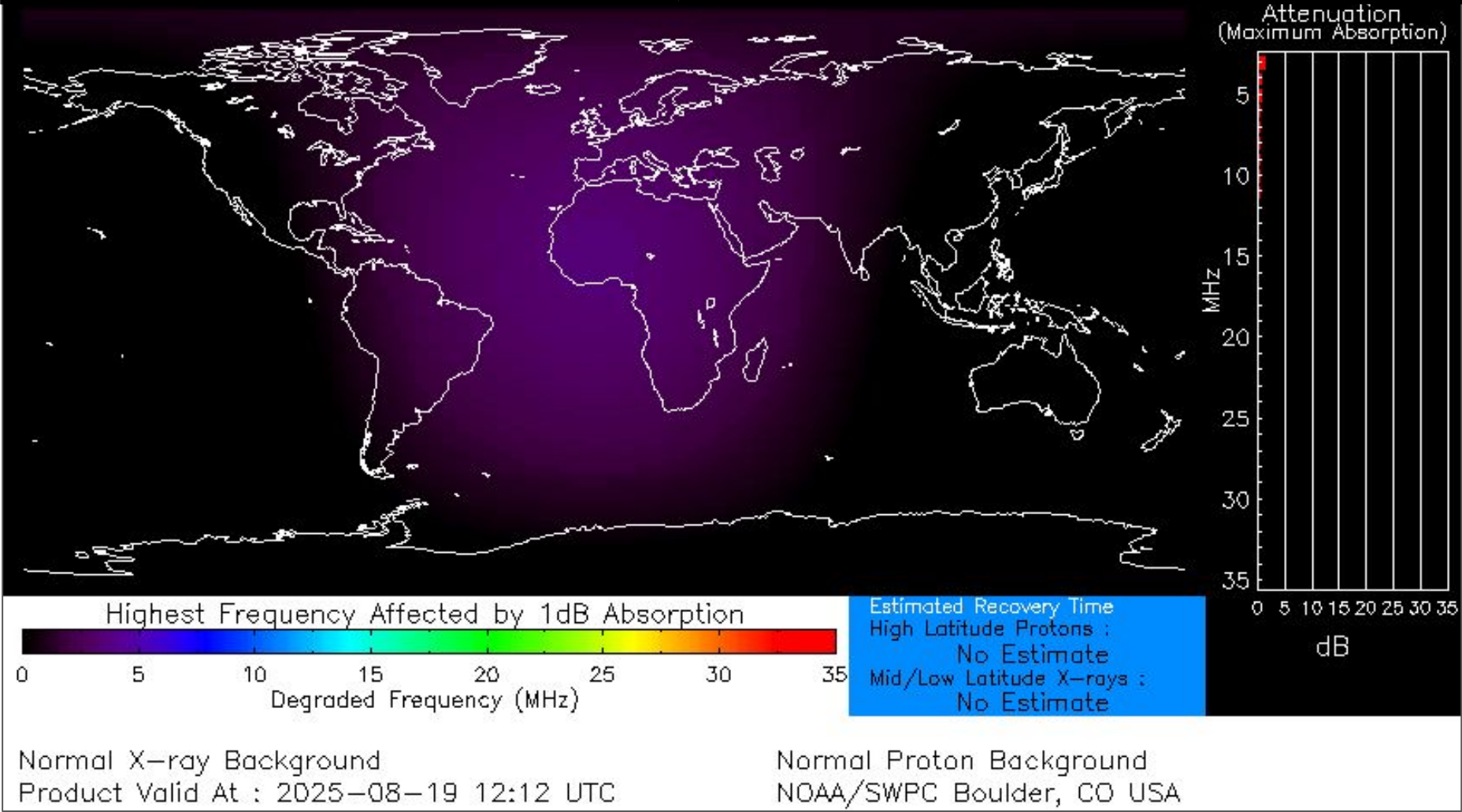






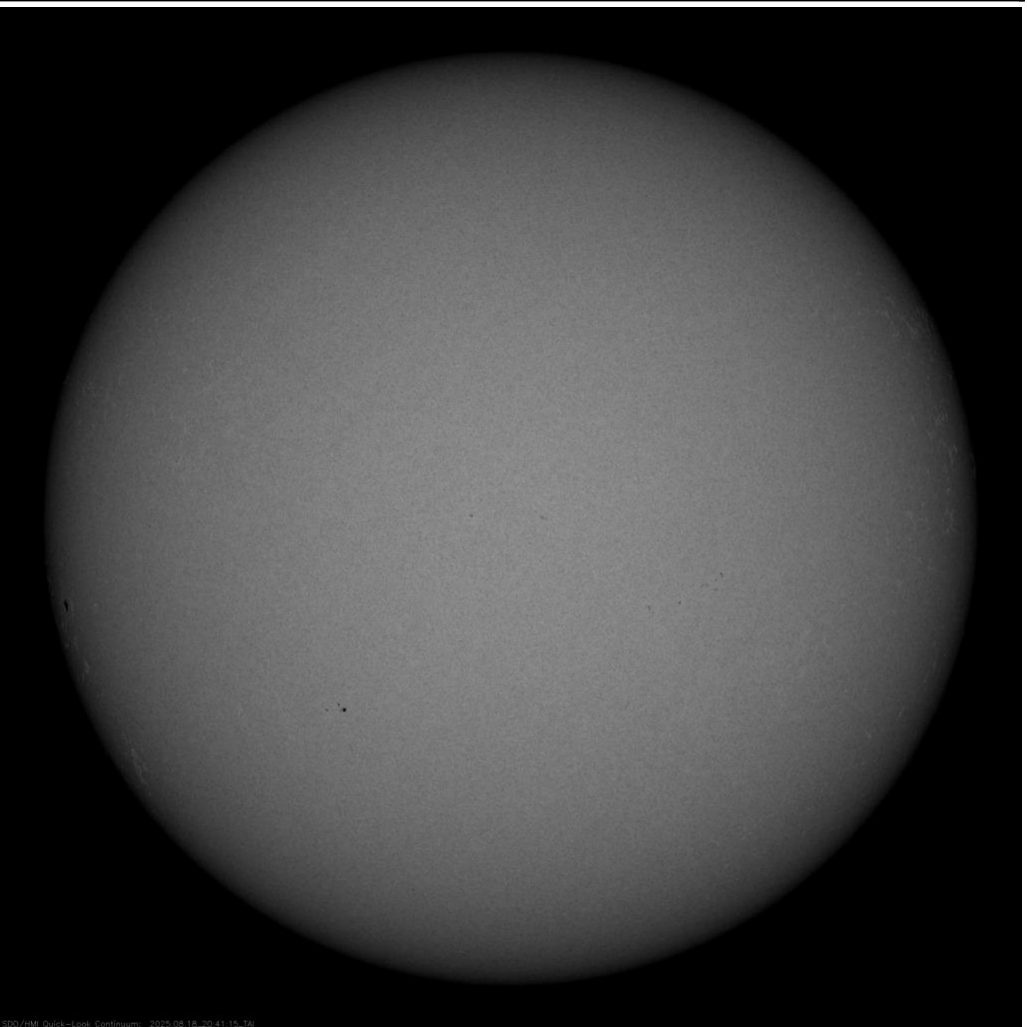
# Space Weather 3-Day Forecast

	Tuesday, Aug 19	Wednesday, Aug 20	Thursday, Aug 21
Geomagnetic Storms	Minor (G1 Storm) (Max Kp = 5)	Minor (G1 Storm) (Max Kp = 5)	Active (Max Kp = 4)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	5%	15%	10%
Radio Blackout (R3-R5)	1%	1%	1%



[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	<b>Little to None</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	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	<b>Minor</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	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	<b>Moderate</b> Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	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	<b>Major</b> Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	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	<b>Extreme</b> 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	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

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