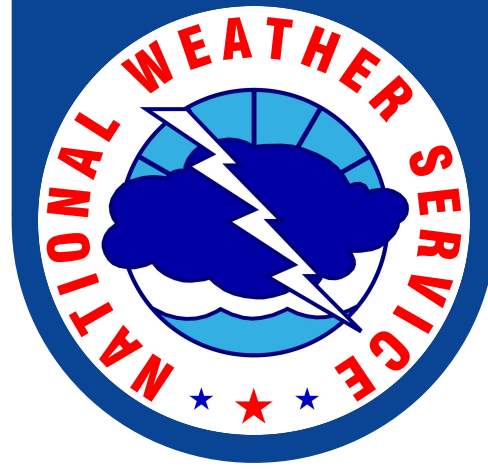




# FEMA



Prepared by  
*Mark Wiley*

# FEMA Region 6 Weather Threat Briefing

Sunday, August 10, 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).





# Summary

- **Heat:** Hazardous heat across OK, NW TX today.
- **Flash Flooding:** Slight risk (level 2 of 4) over N OK today and over NE OK Monday. Marginal risk (level 1 of 4) over NM, far W TX and SE LA on Tuesday; SW NM and E LA on Wednesday; SW NM and E AR on Thursday.
  - **Burn Scar:** Moderate risk (level 2 of 4) today over NM, Major risk (level 3 of 4) on Monday, moderate to major risk on Wednesday, minor to moderate risk on Thursday.
- **Severe Storms:** Slight risk (level 2 of 5) today over NE NM and the wrn OK Panhandle; marginal risk (level 1 of 5) over E NM, TX Panhandle, W OK on Monday.
- **Fire Weather:** Elevated fire weather conditions in W/NW NM through the weekend, with dry lightning posing a hazard along with very low RH today.
- **Tropical:** Monitoring a wave that has moved off the coast of West Africa that has a high chance of development over the tropical Atlantic over the next 7 days. No tropical impacts to FEMA 6 over the next 7 days.





# FEMA Region 6 Threat Matrix

Next 7 days

	Sunday, Aug 10	Monday, Aug 11	Tuesday, Aug 12	Wednesday, Aug 13	Thursday, Aug 14	Friday, Aug 15	Saturday, Aug 16
Severe Storms	NE NM,W OK Panhandle	E NM,TX Panhandle,W OK					
Heavy Rain / Flash Flooding	N OK	NE OK	NM, far W TX, SE LA	SW NM, E LA	SW NM, E AR		
Burn Scars	NM	NM	S NM	S NM			
			N NM	N NM			
Tropical							
Heat	OK, NW TX						
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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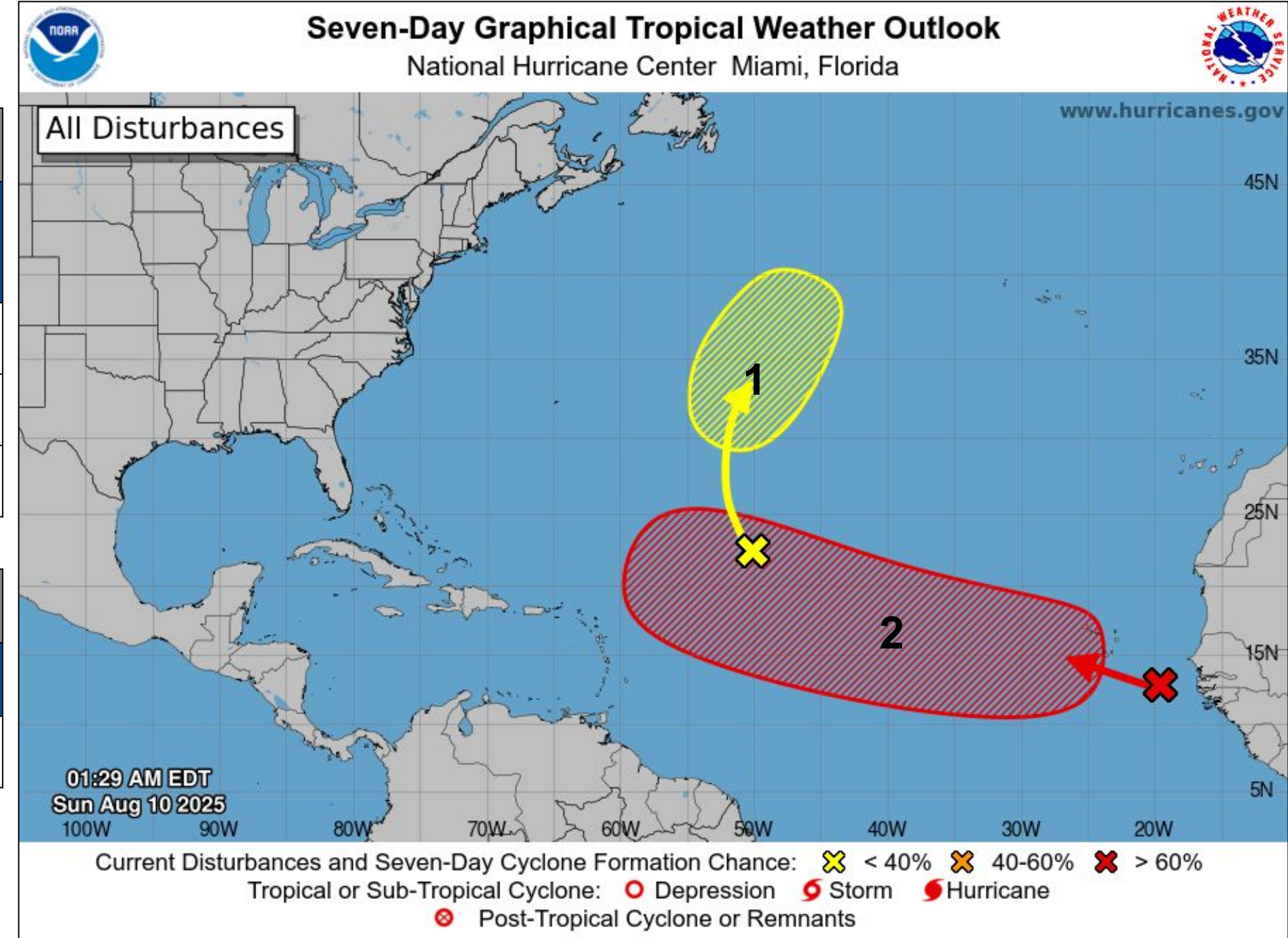
# Tropical Weather Outlook – Atlantic/Gulf

## Areas of Possible Development

Area	Chance of Development	Potential Impacts to FEMA 6
1	Low	None.
2	High	None over the next 7 days.

## Active Tropical Cyclones

Storm	Potential Impacts to FEMA 6



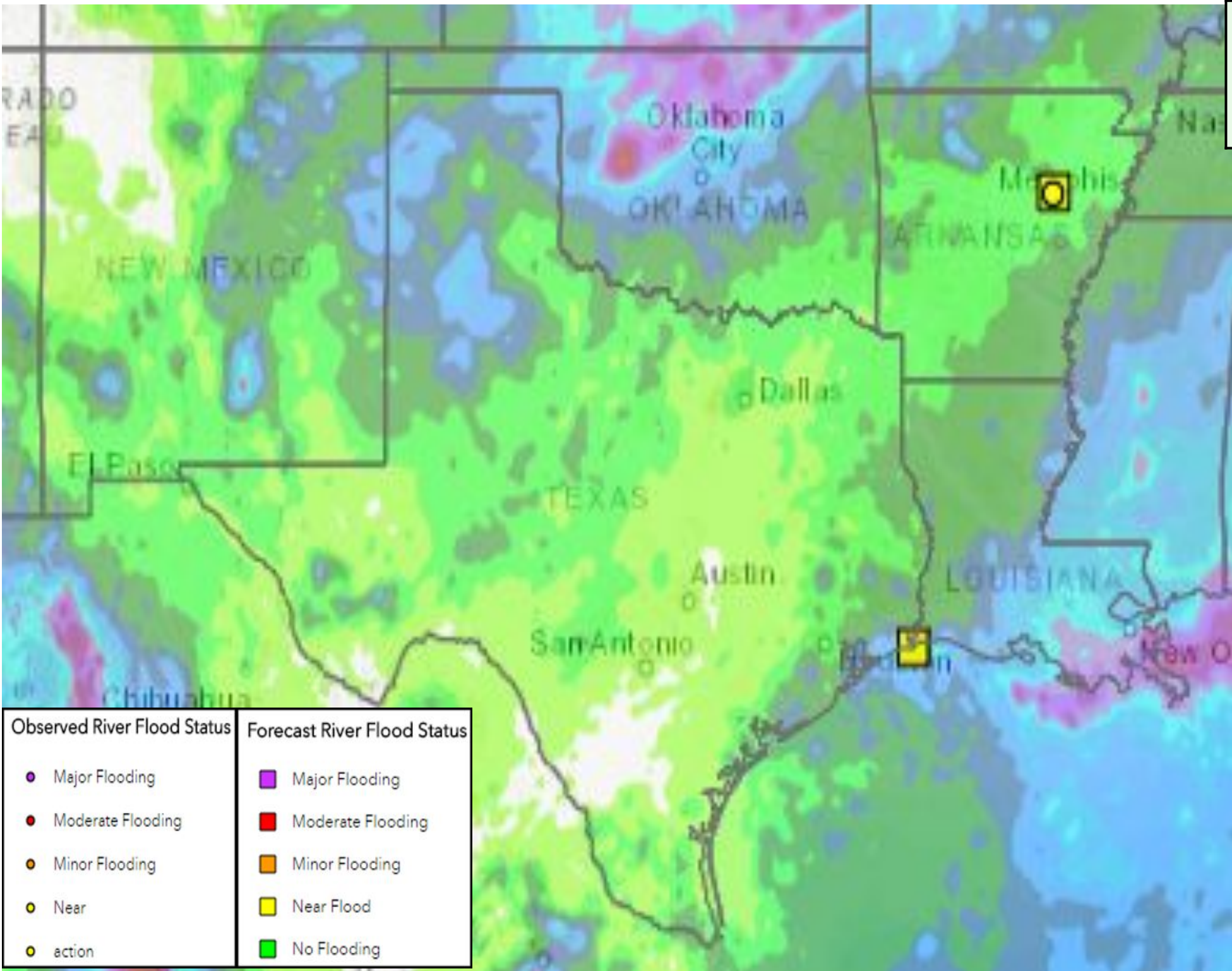
See <http://www.hurricanes.gov> for the latest on the tropics or any active storms





# 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*



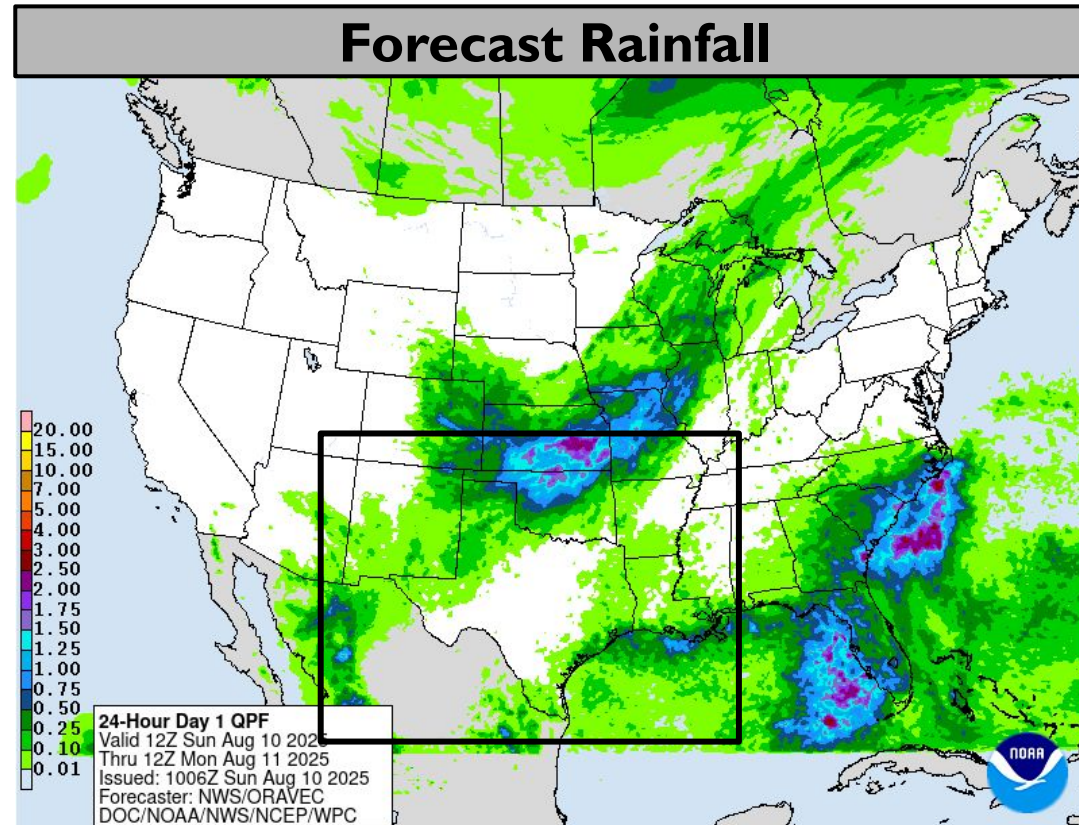
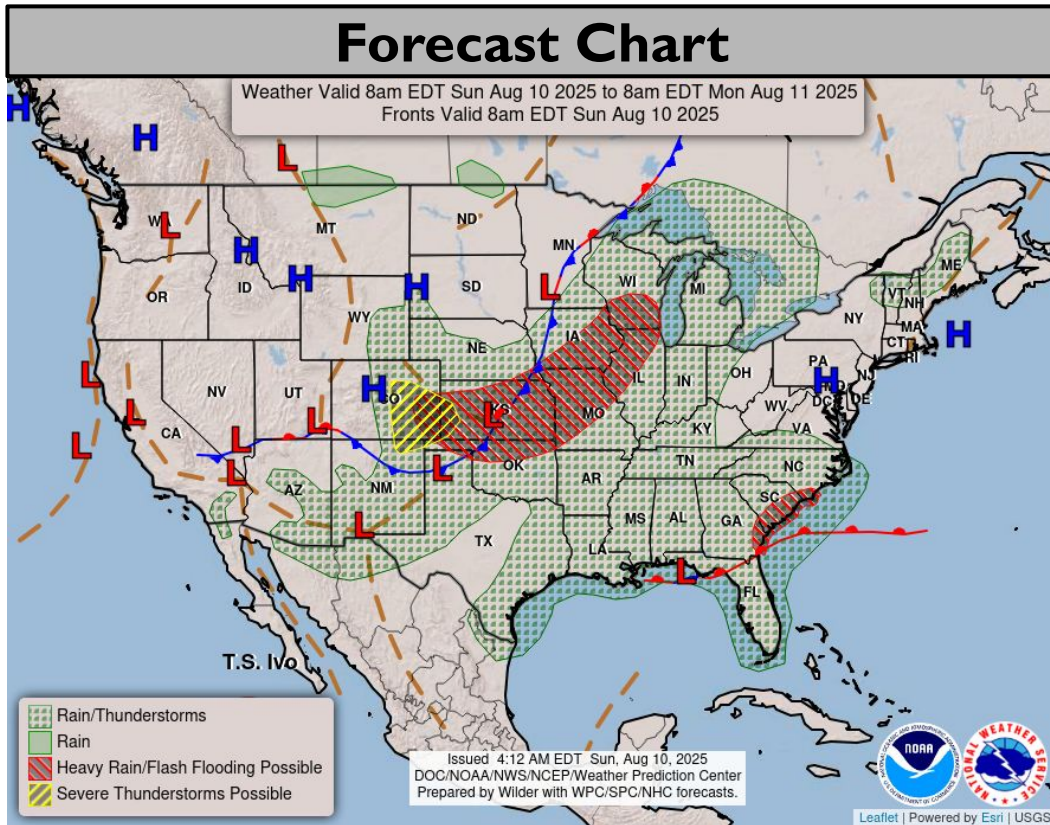
**No river significant flooding.**

*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.*





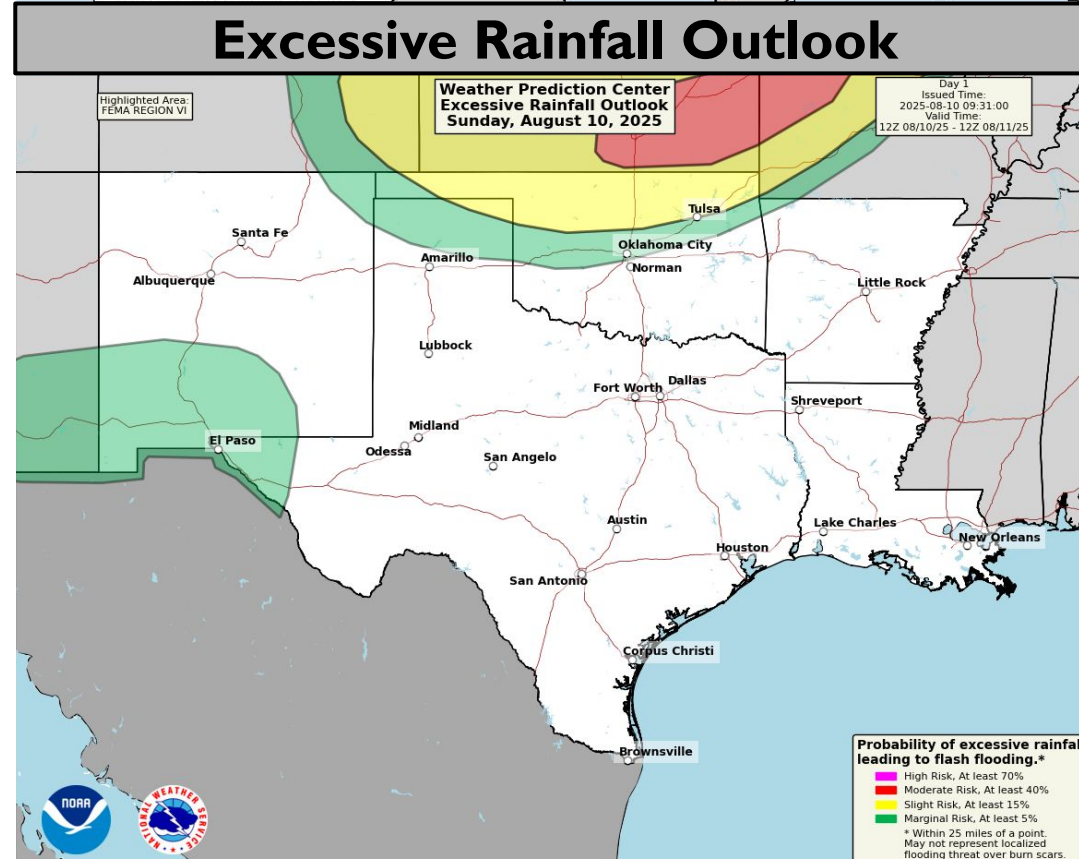
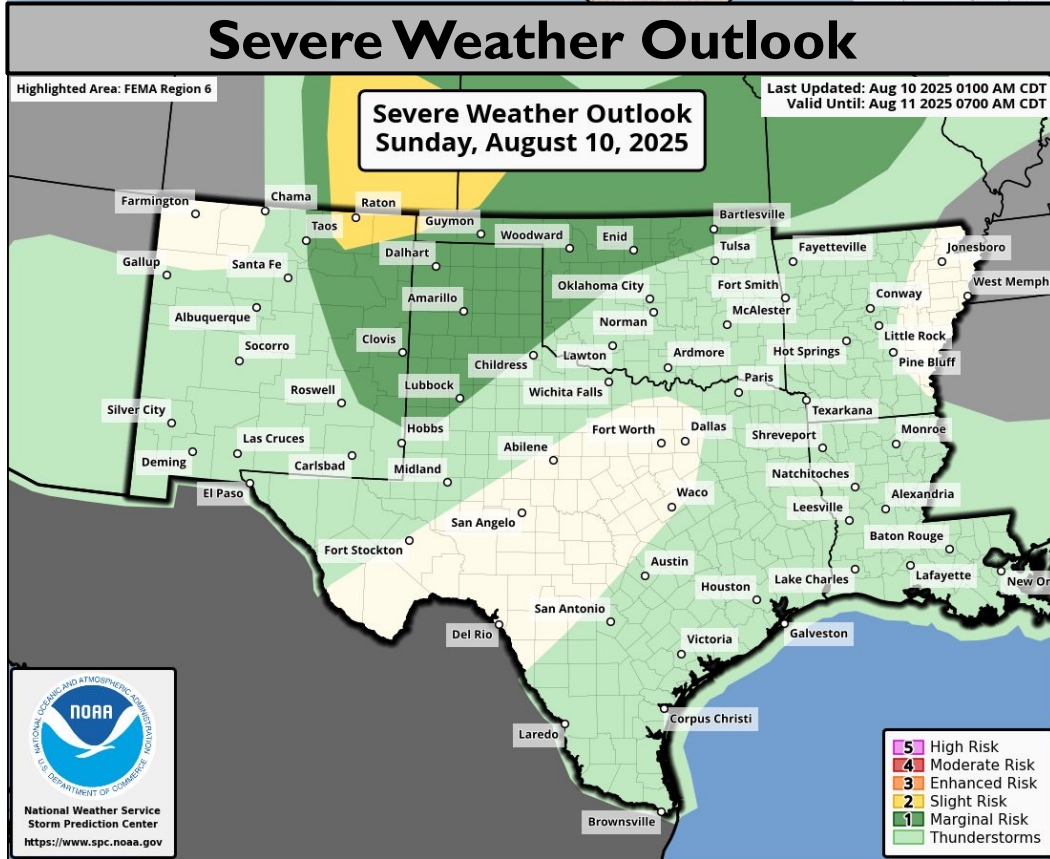
# Today's Weather



**Slight risk (level 2 of 4) for heavy rain/flash flooding N OK**

**Slight risk (level 2 of 5) for severe storms over NE NM and the W OK Panhandle**

**Elevated (level 1 of 3) fire weather concerns in NW NM.**

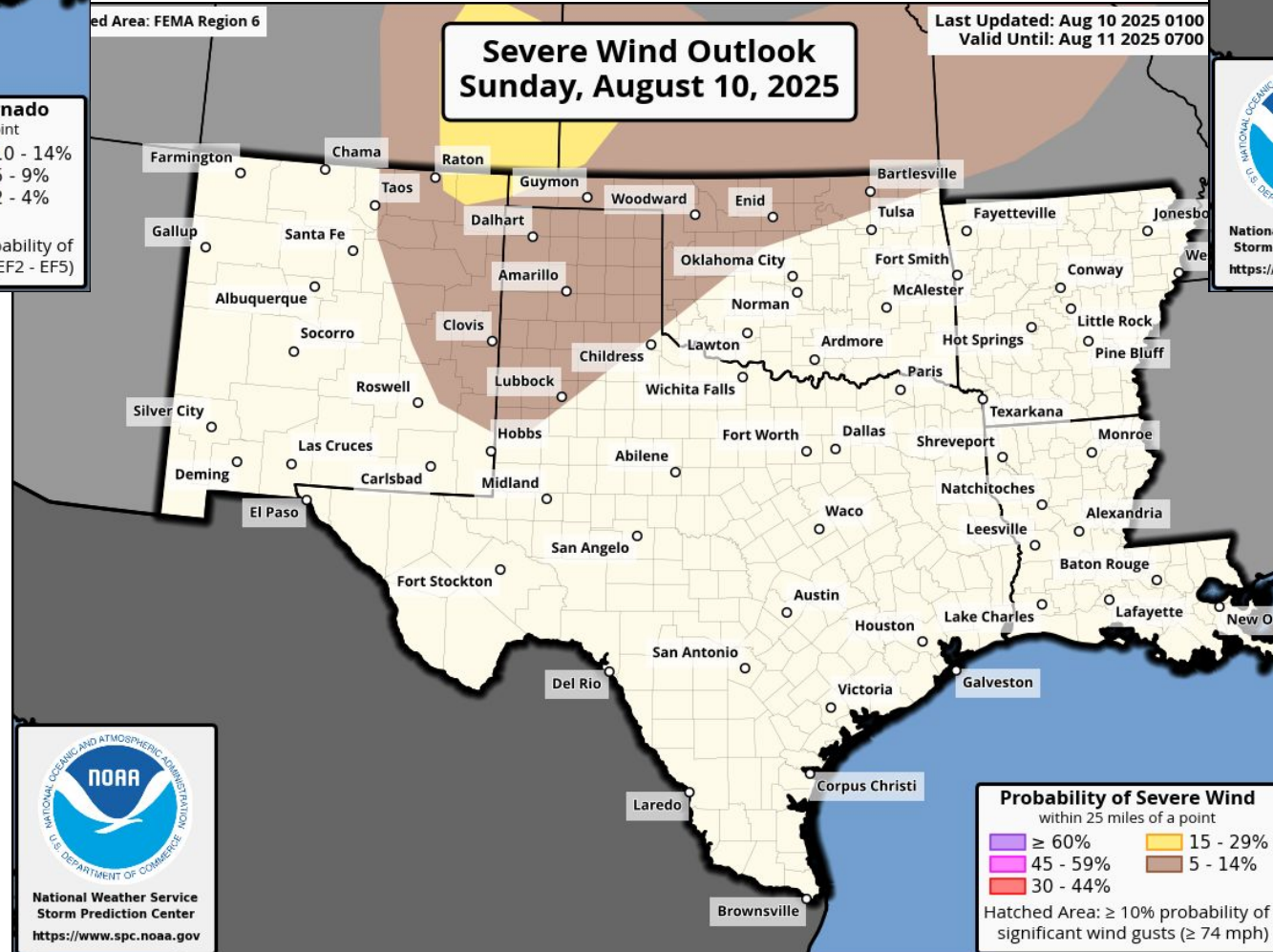
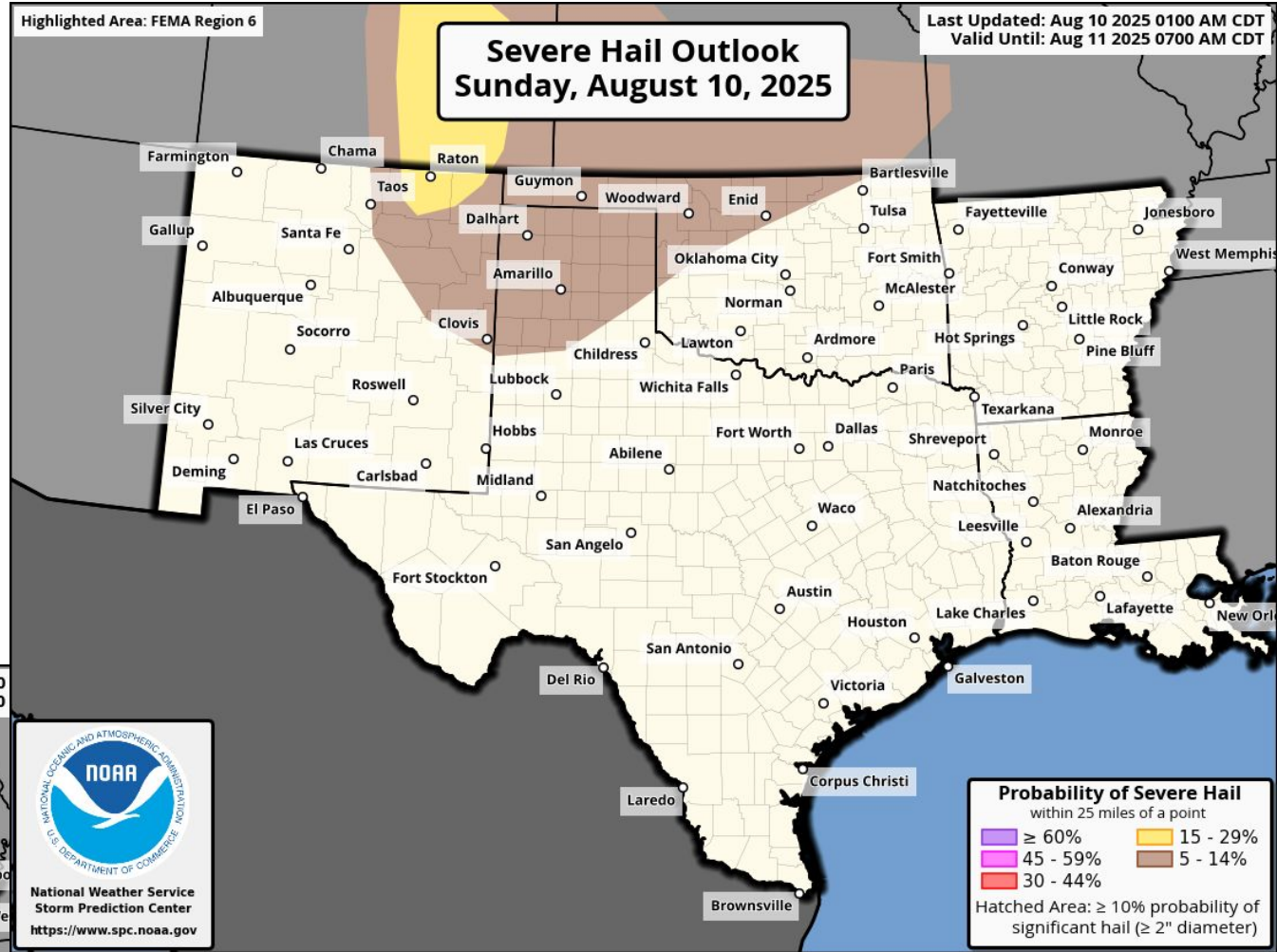
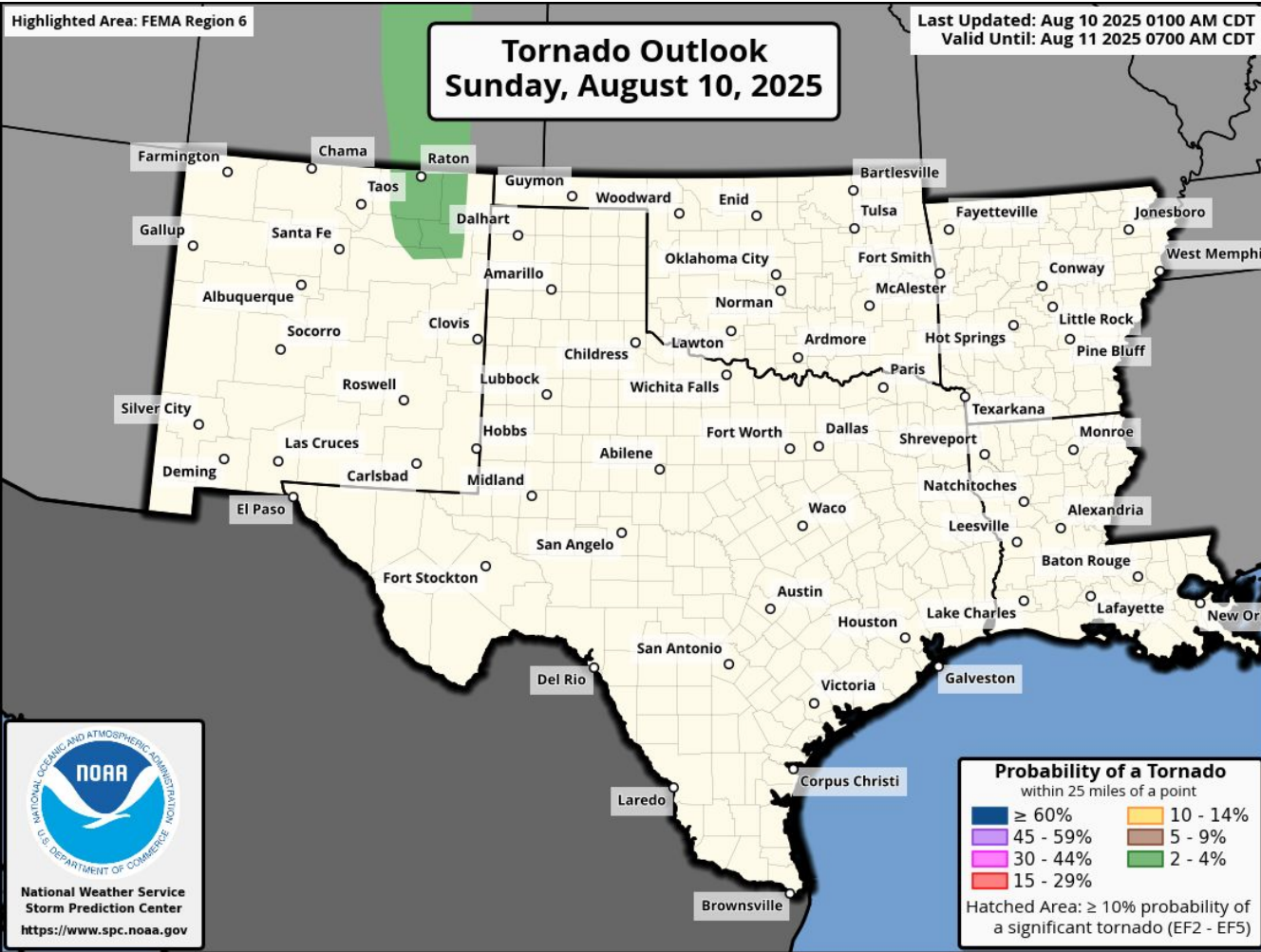


**\*Burn Scar Flash Flooding information on Burn Scar Matrix slides\***





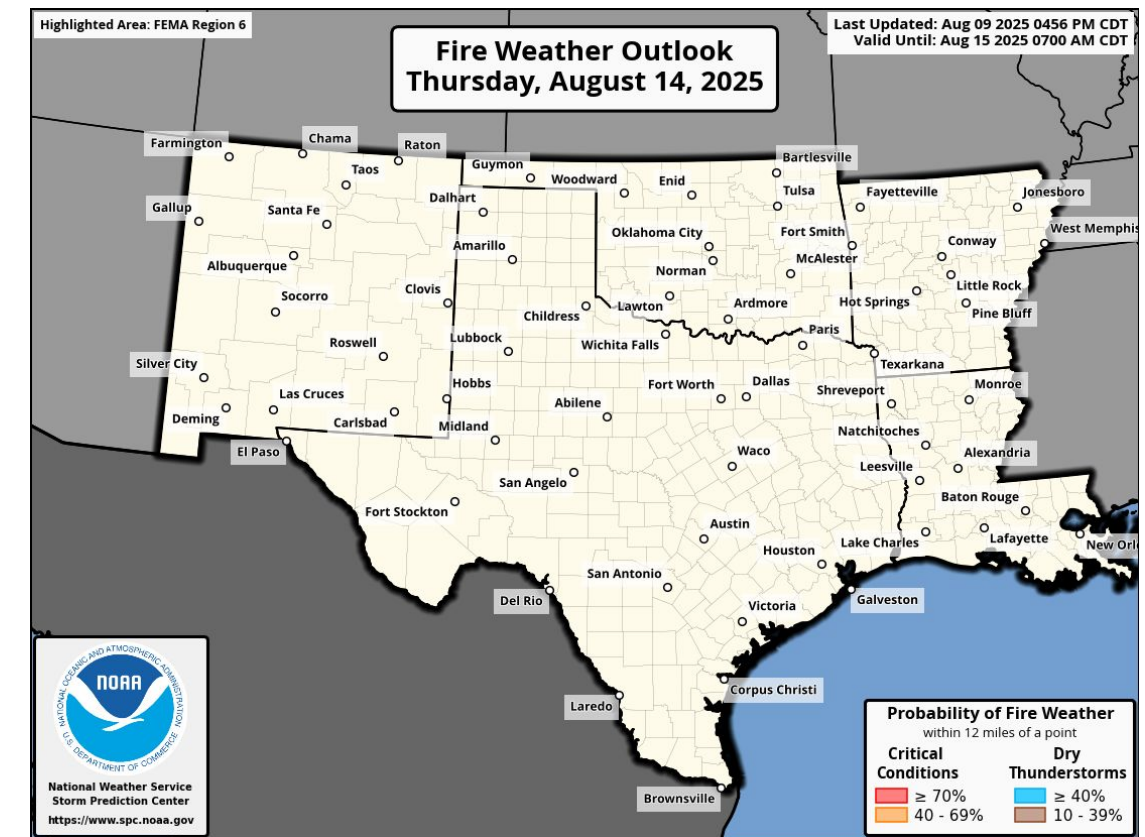
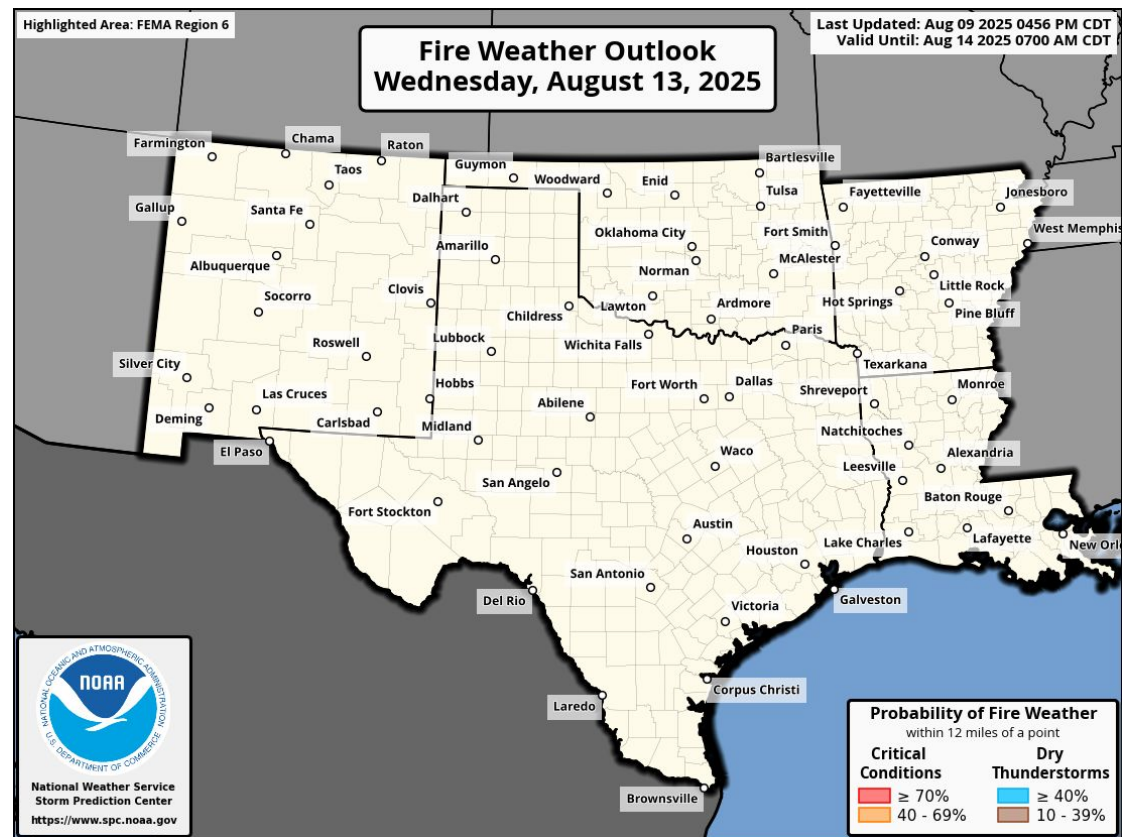
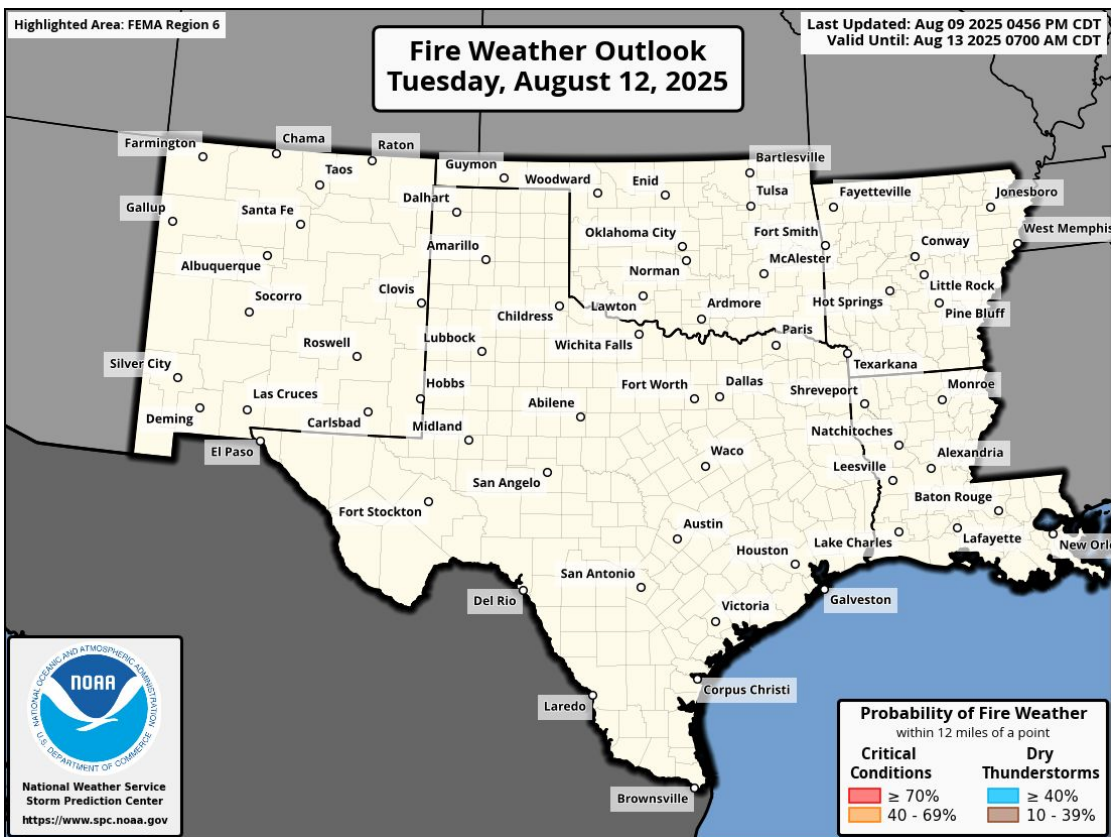
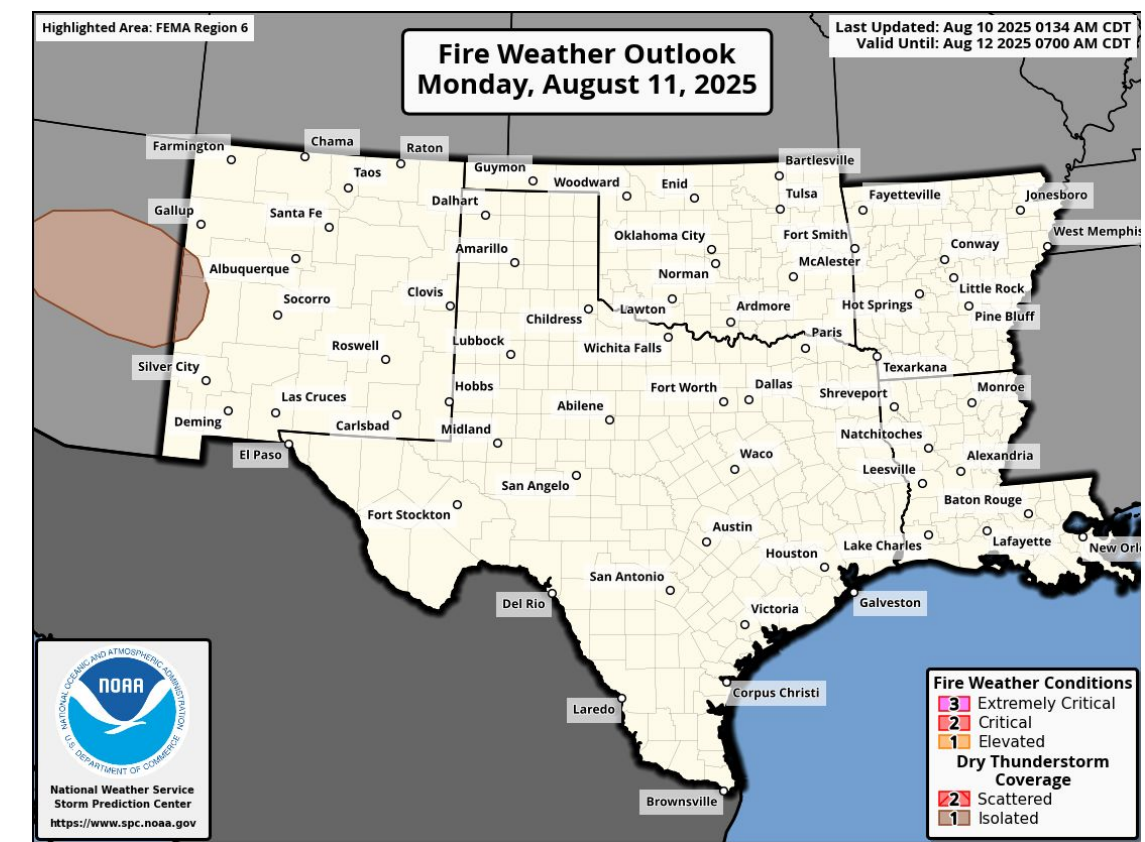
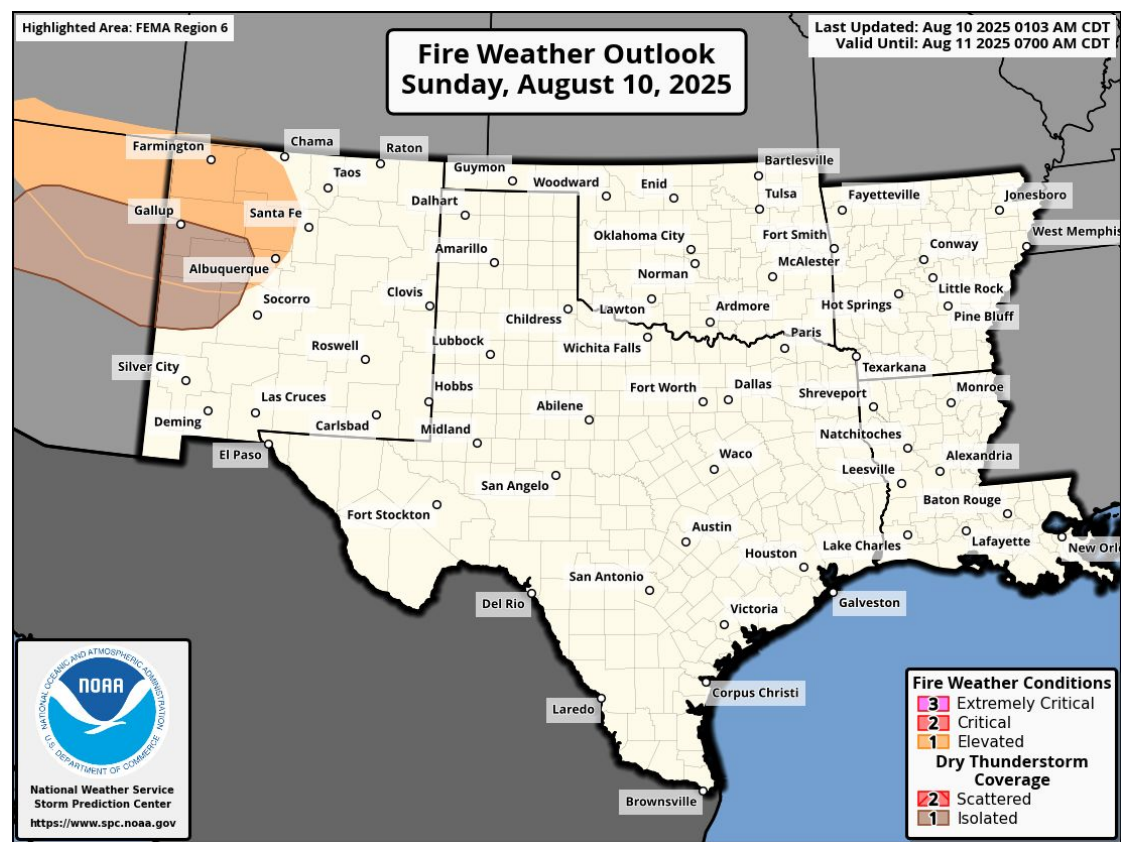
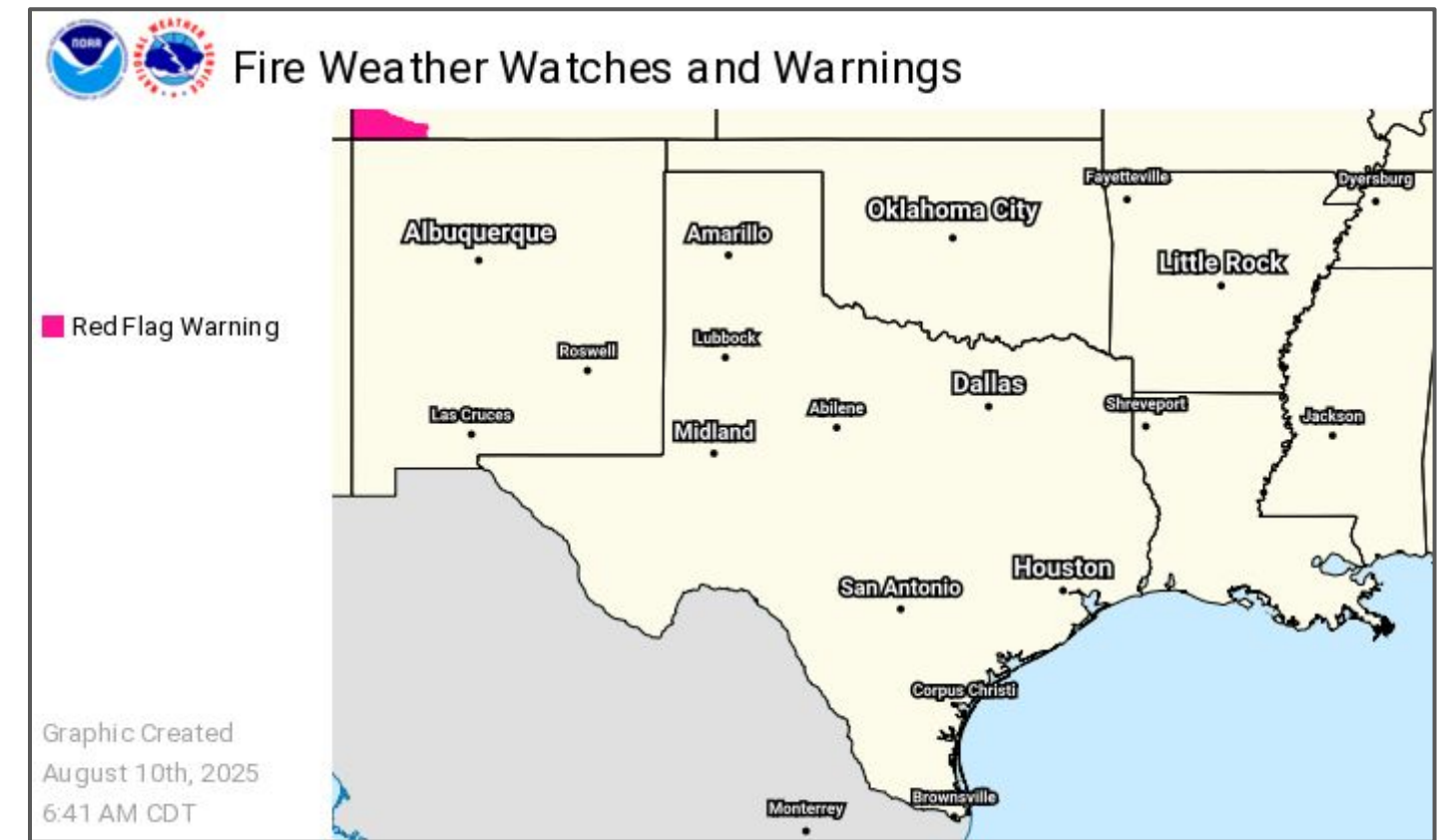
# Today's Tornado & Severe Wind / Hail Probabilities







# Fire Weather Outlooks



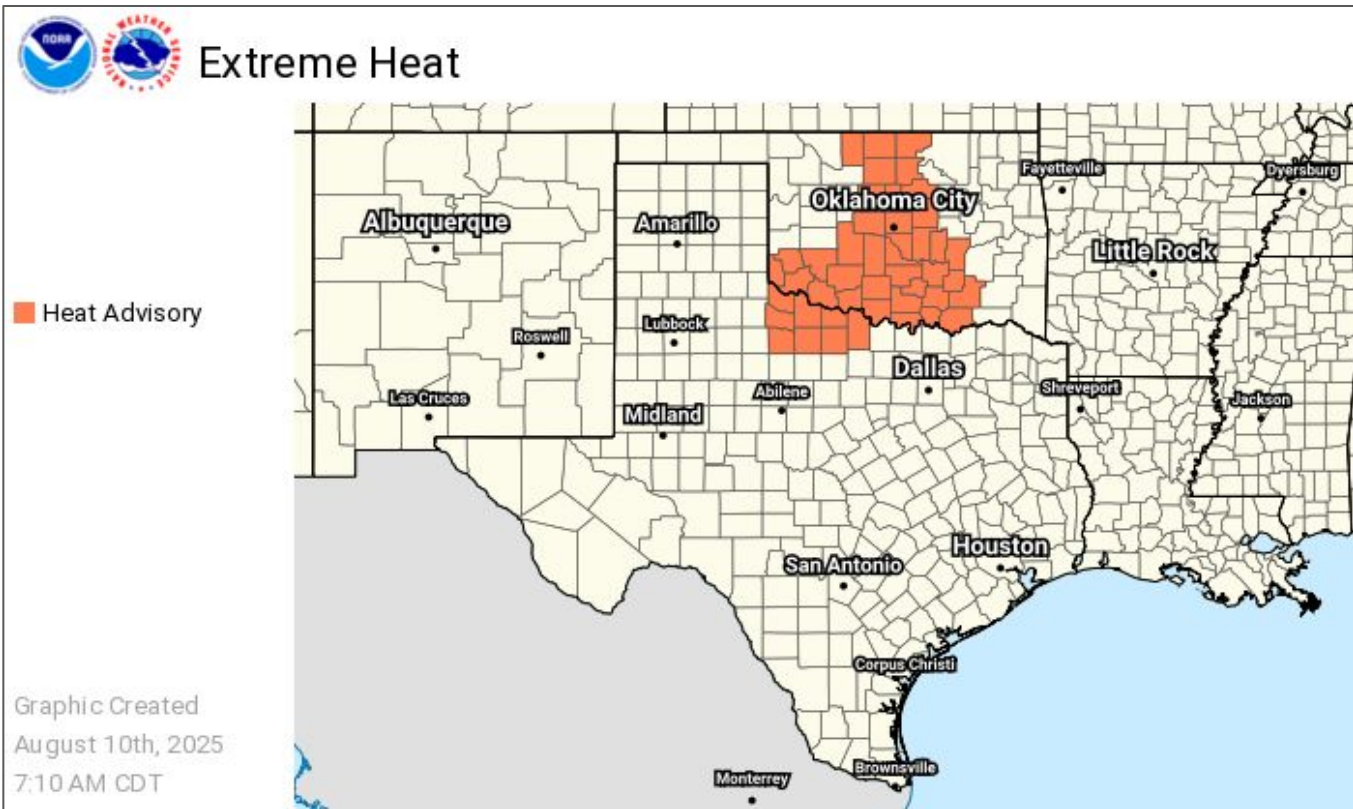
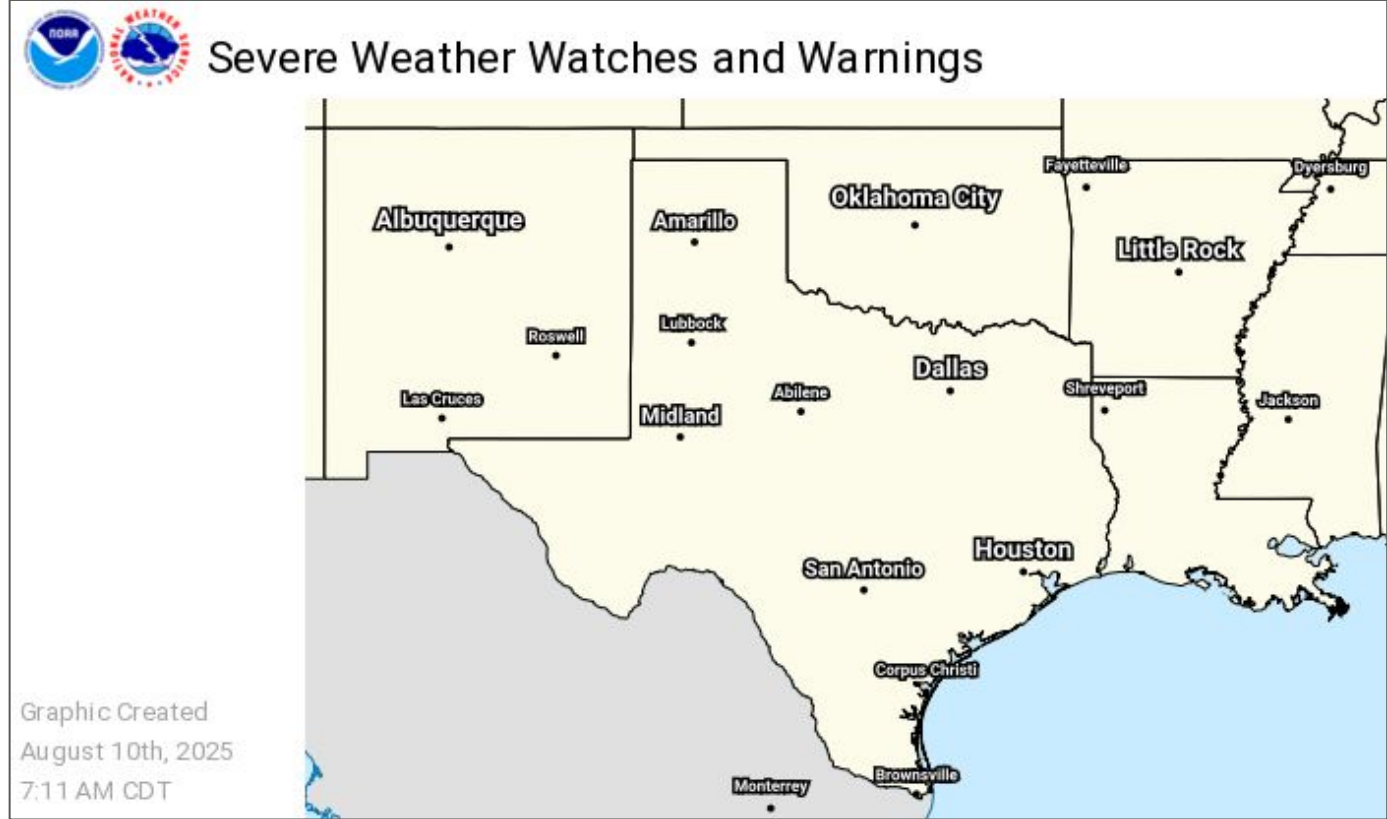




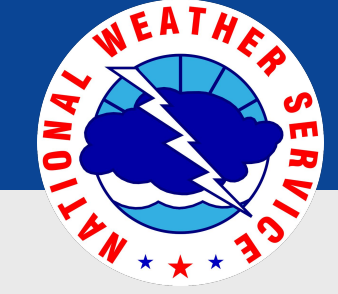
# Watches, Warnings, and Advisories

## Wind, Severe, Heat, and Flood Hazards

**Heat Advisories across parts of OK and NW TX.**  
**Afternoon heat index temperatures of 105-108 degrees.**



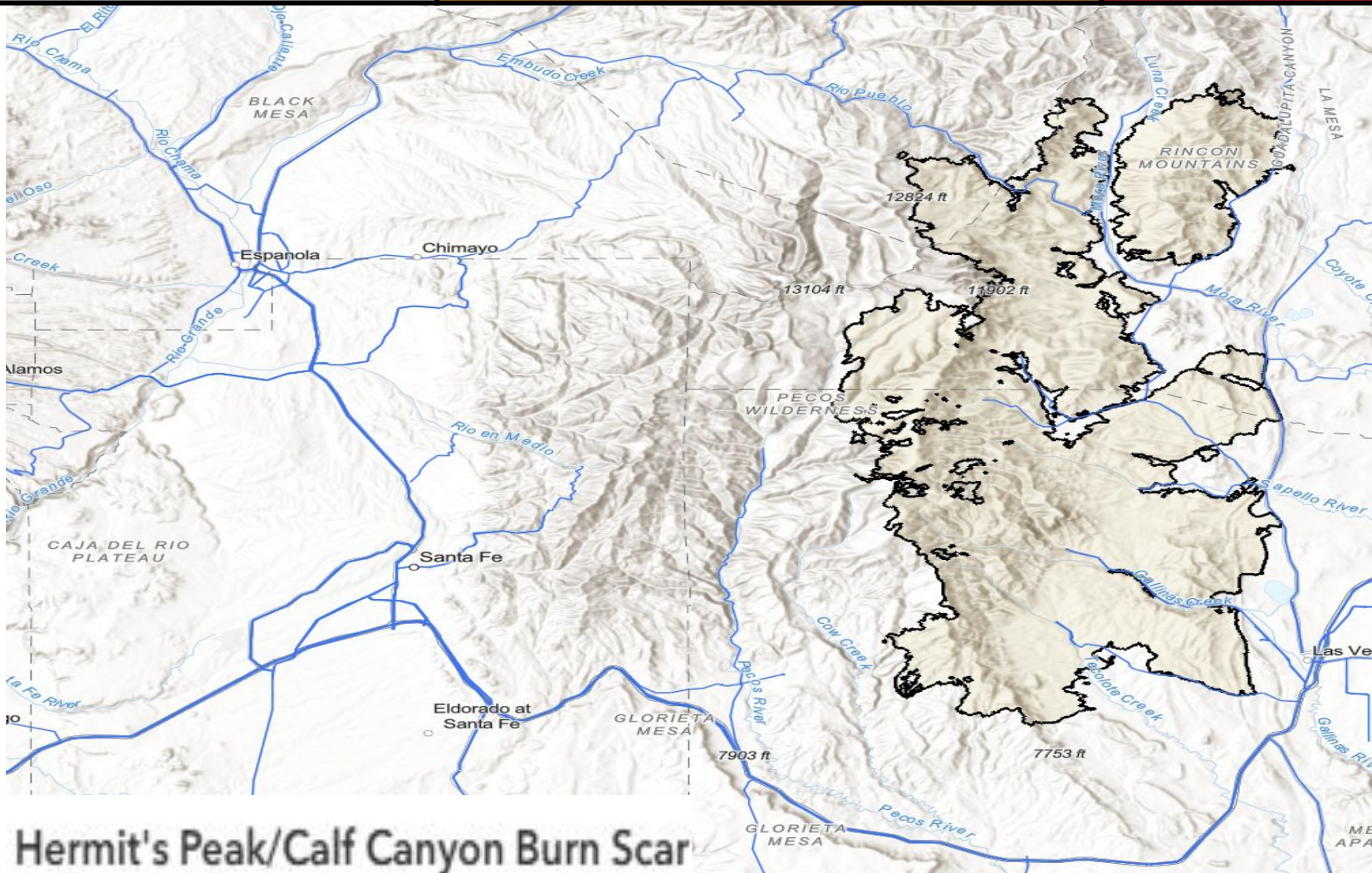




# Burn Scar Debris Flow Risk - HPCC Scars New Mexico

## Hermit's Peak/Calf Canyon Burn Scar

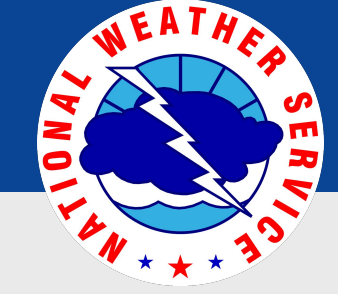
	Sunday, Aug 10	Monday, Aug 11	Tuesday, Aug 12	Wednesday, Aug 13
Flash Flooding	Moderate	Major	Moderate	Minor
Timing - CDT	1-9 pm	1-9 pm	Afternoon/Evening	Afternoon/Evening



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>	



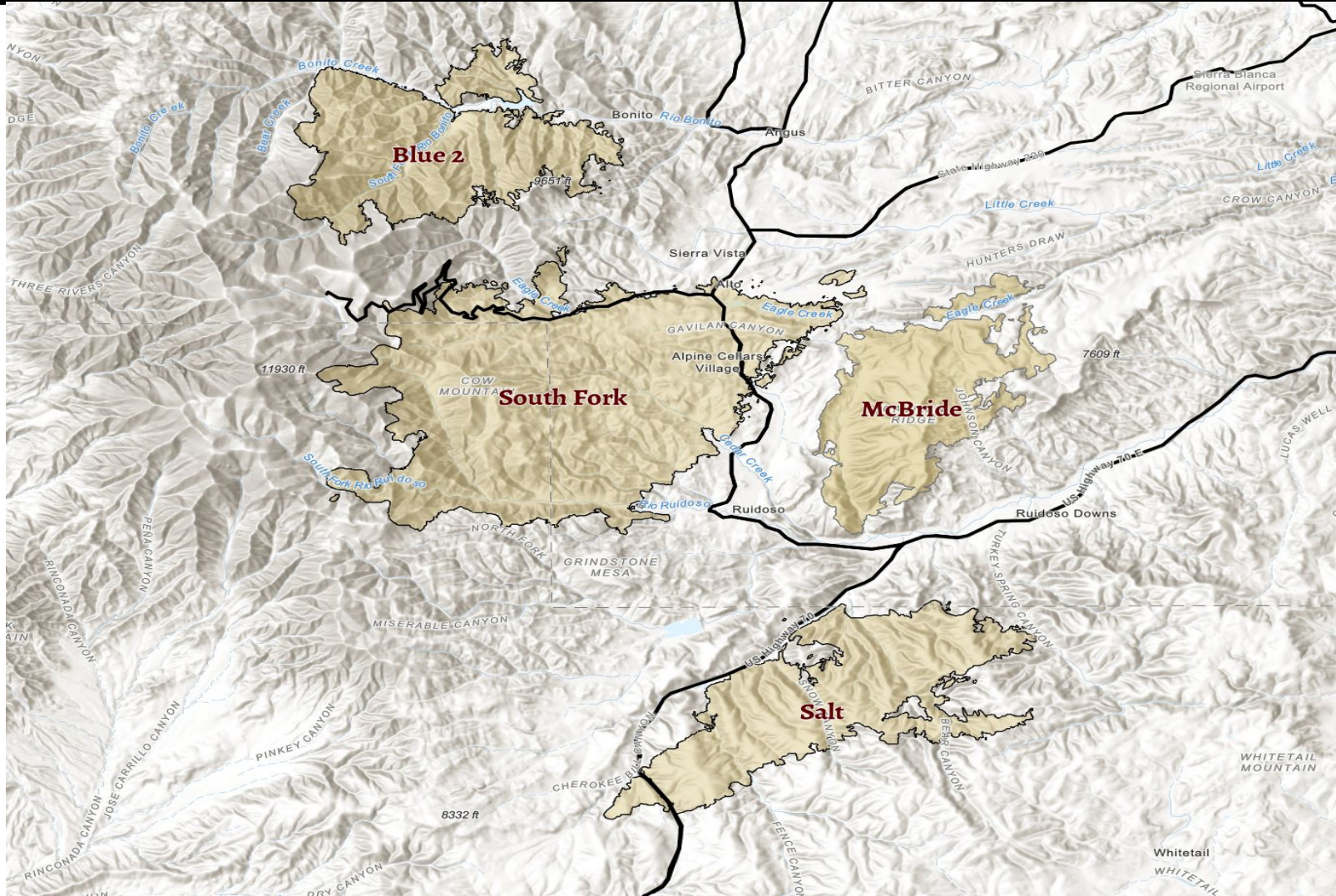




# Burn Scar Debris Flow Risk - Ruidoso, New Mexico

## Sacramento Complex

	Sunday, Aug 10	Monday, Aug 11	Tuesday, Aug 12	Wednesday, Aug 13
Flash Flooding	Moderate	Major	Major	Moderate
Timing - CDT	1-9pm	1-9pm	Afternoon/Evening	Afternoon/Evening



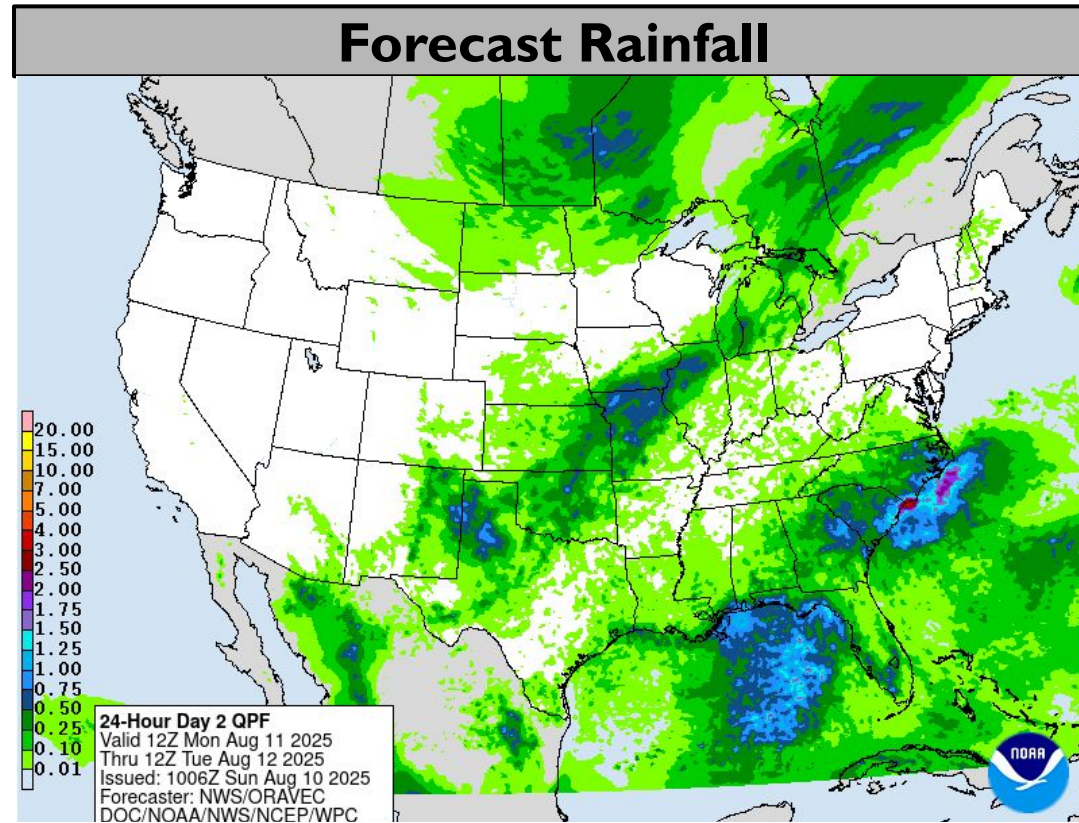
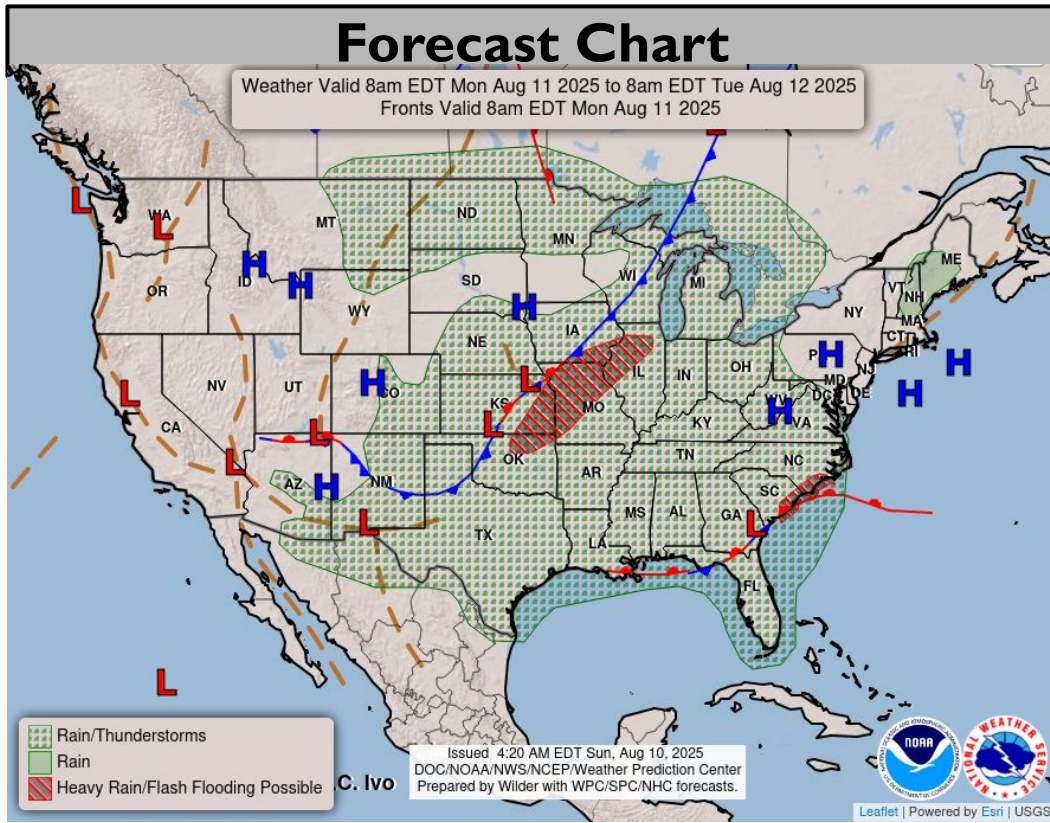
Little to None	No Flash Flood Threat
Minor (level 1 of 4)	Slight Risk of Flash Flooding
Moderate (level 2 of 4)	Probability of Flash Flooding Issuance 40% to 60%
Major (level 3 of 4)	Flood Watch Issued OR Debris Flow Probability > 50%
Extreme (level 4 of 4)	Life Threatening Flash Flooding Likely - Historic Type Day

- WPC's Excessive Rainfall Outlook is *Not Applicable* to burn scars.
- \*Note\* 2nd year burn scars can be more dangerous than year 1.



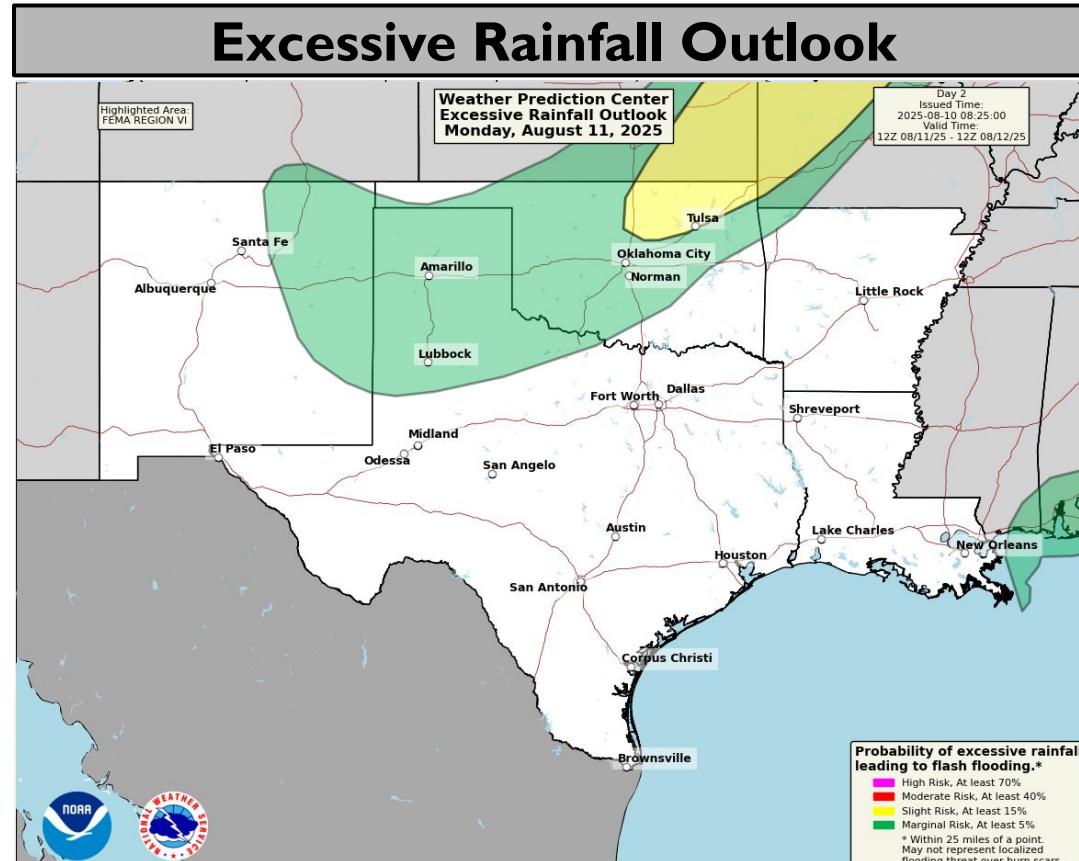
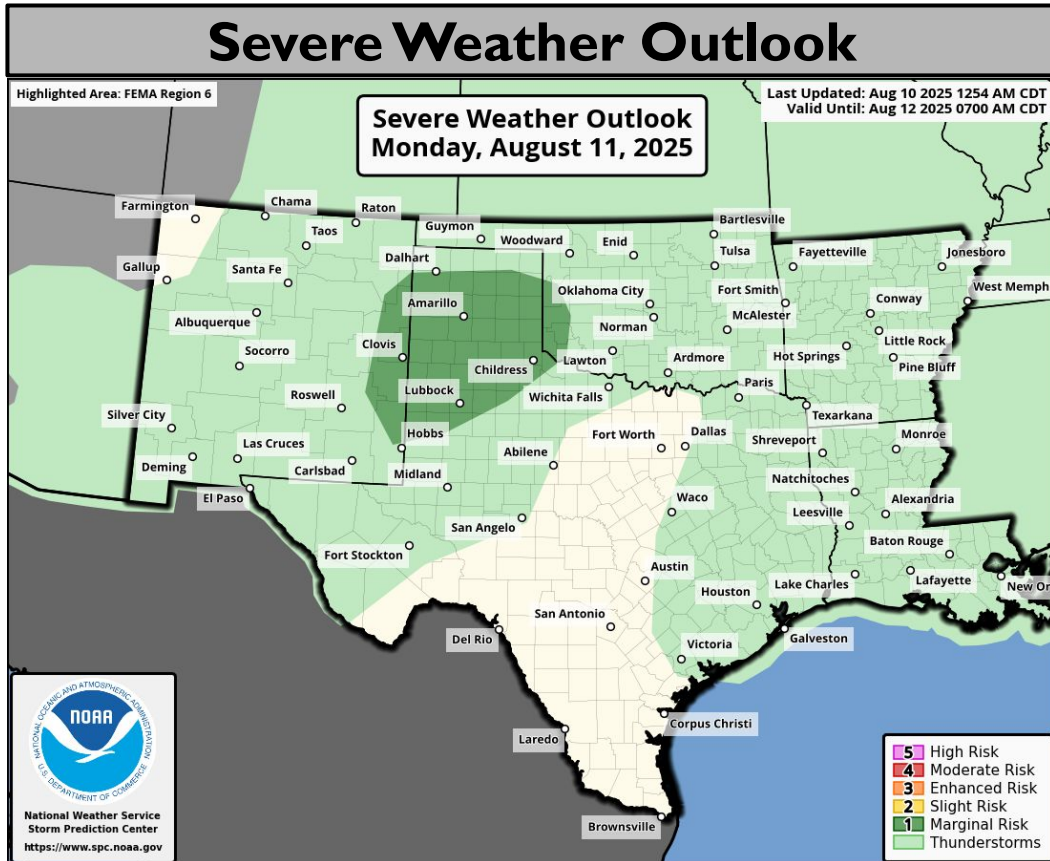


# Tomorrow's Weather



**Slight risk (level 2 of 4) for heavy rain/flash flooding in NE OK.**

**Marginal risk (level 1 of 5) for severe storms over E NM, TX Panhandle and W OK.**

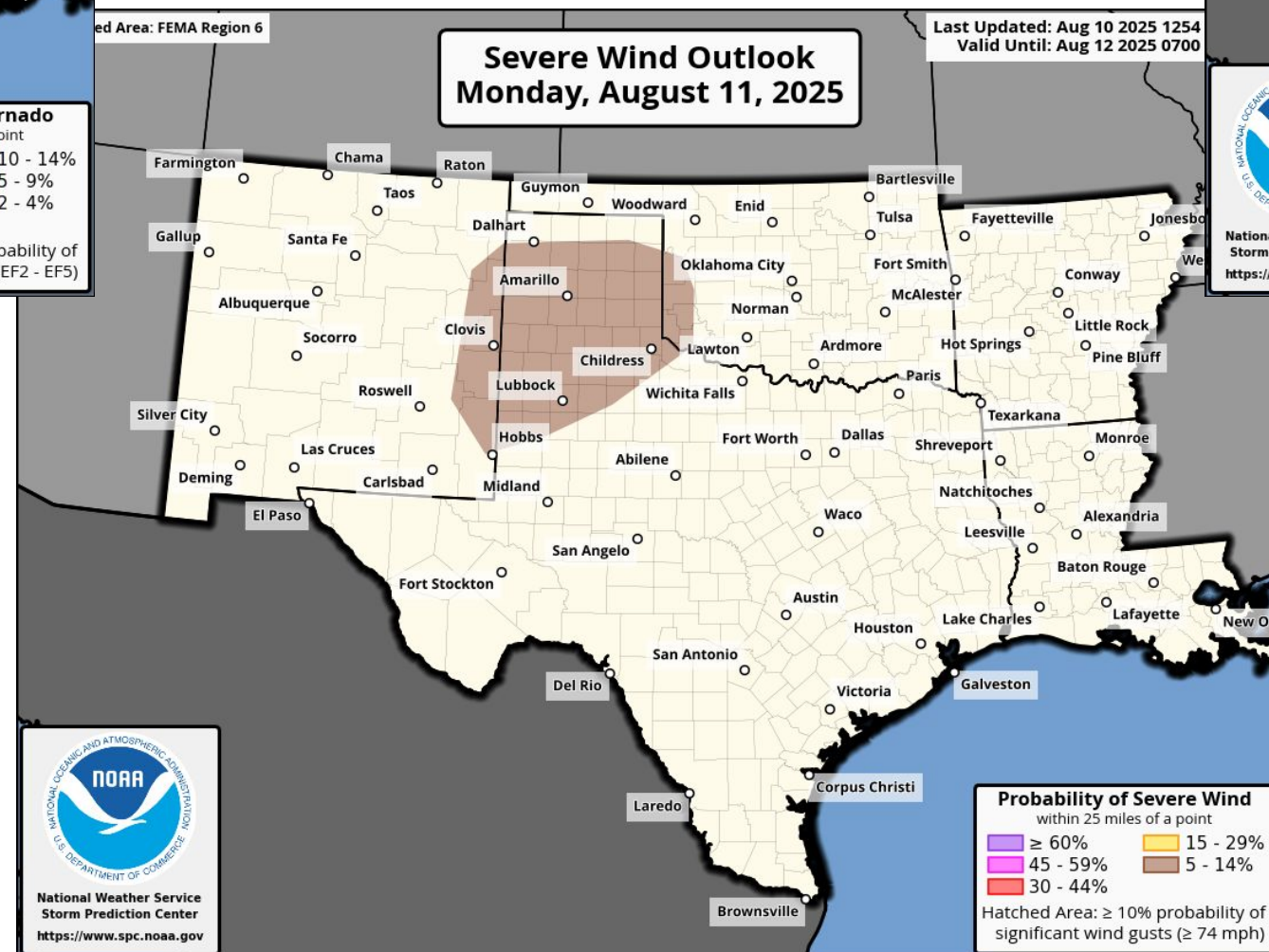
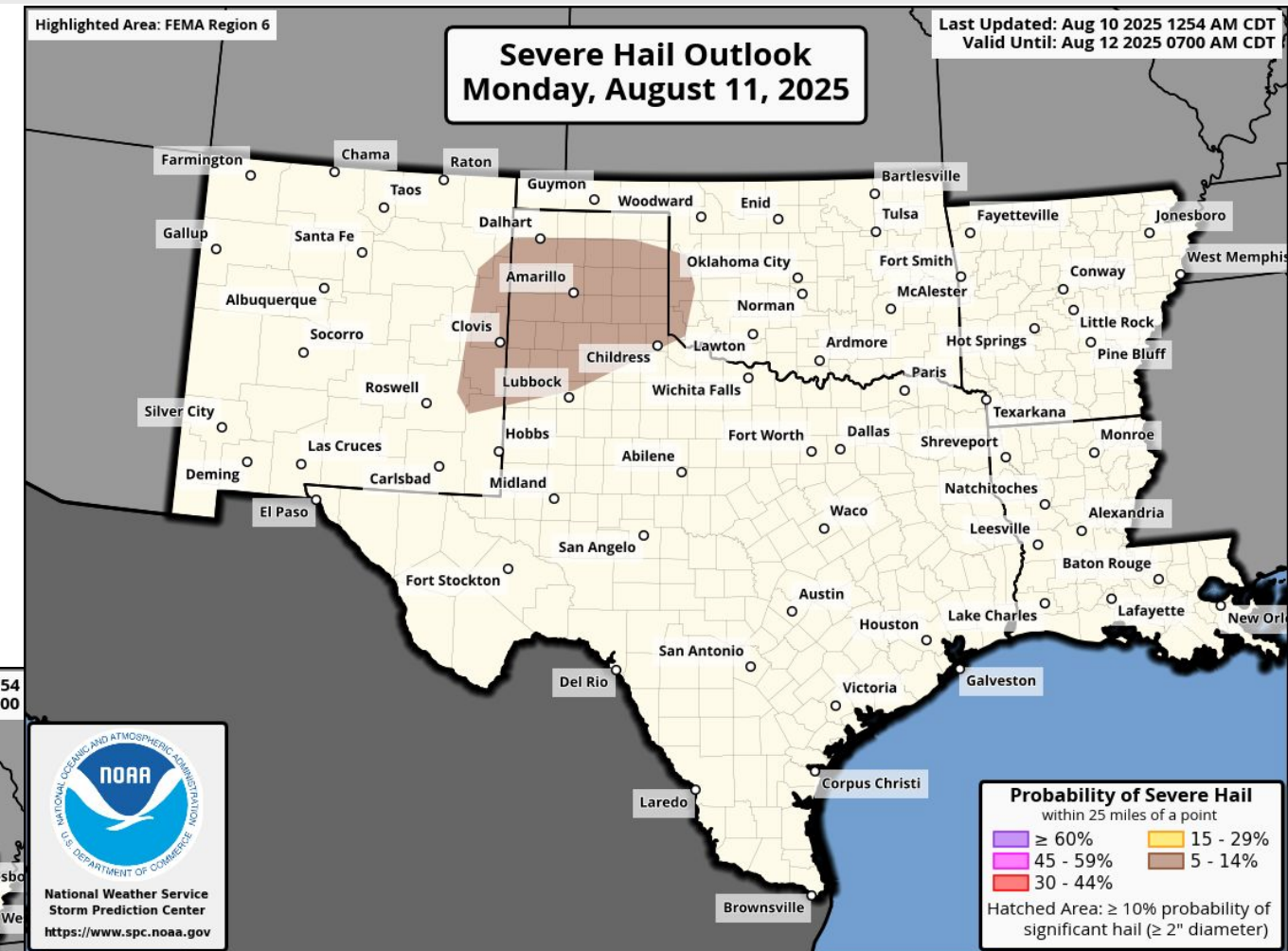
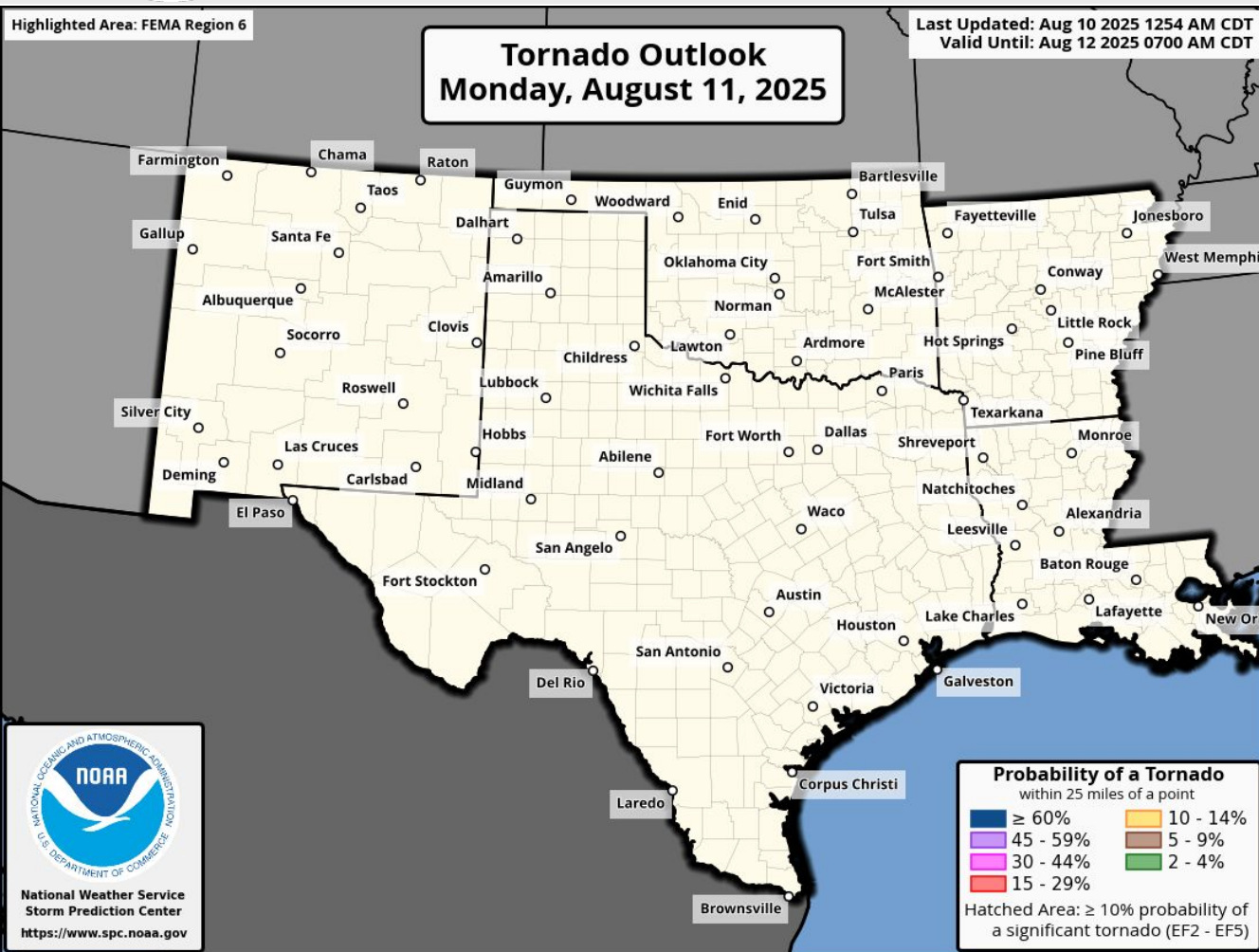


**\*Burn Scar Flash Flooding information on Burn Scar Matrix slides\***





# Tomorrow's Tornado & Severe Wind / Hail Probabilities

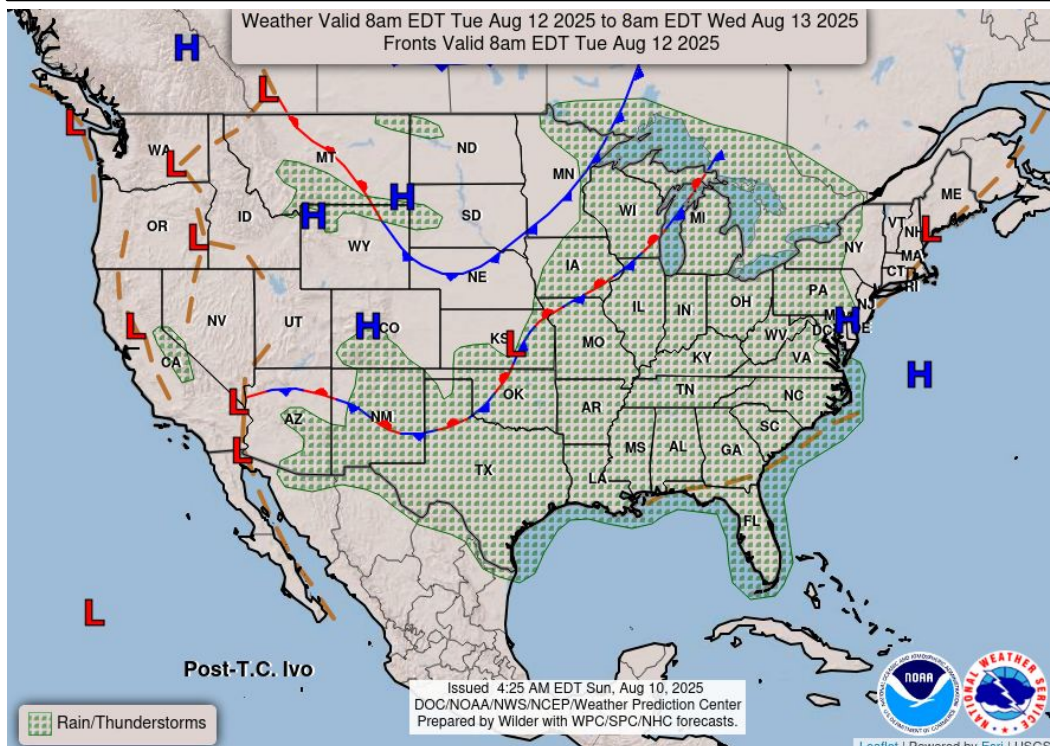




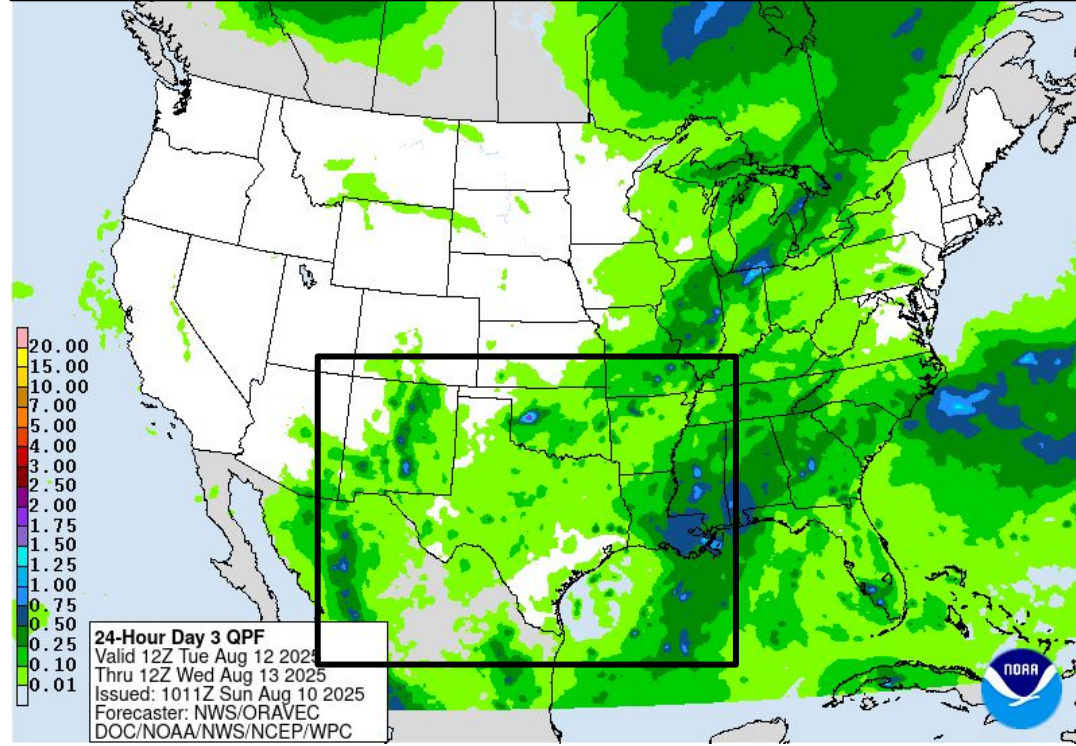


# Tuesday's Weather

## Forecast Chart

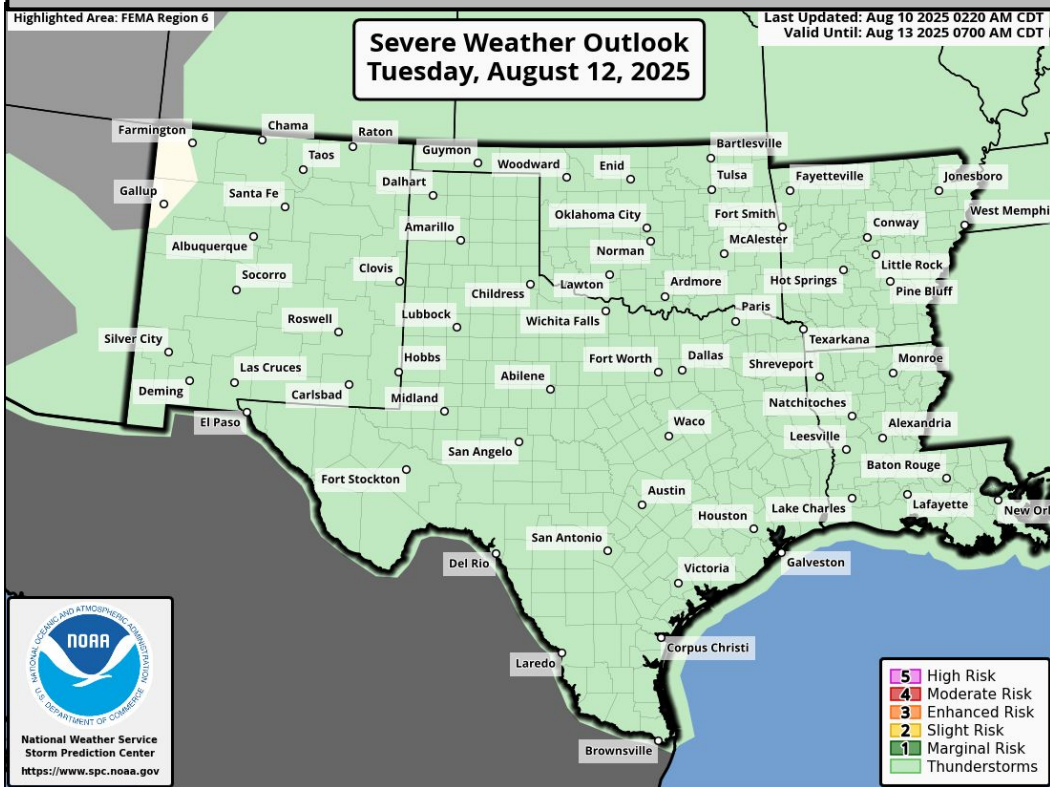


## Forecast Rainfall

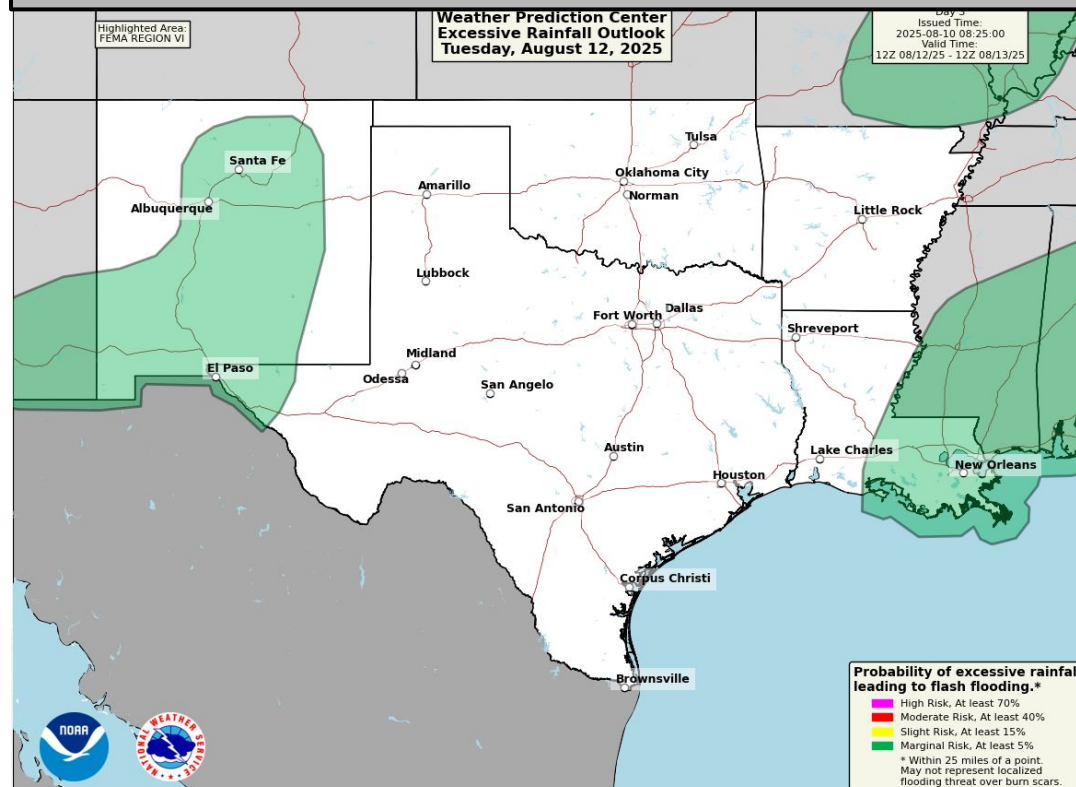


**Marginal risk (level 1 of 4) for isolated heavy rain/flash flooding in NM, far W TX, SE LA.**

## Severe Weather Outlook



## Excessive Rainfall Outlook



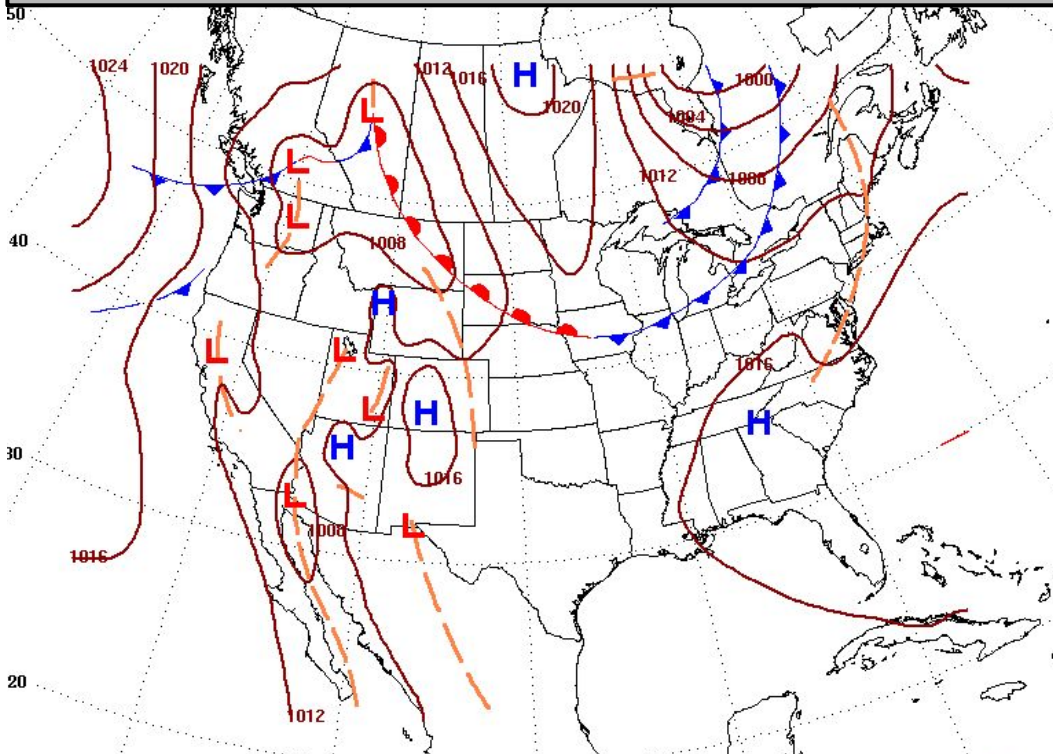
**\*Burn Scar Flash Flooding information on Burn Scar Matrix slides\***



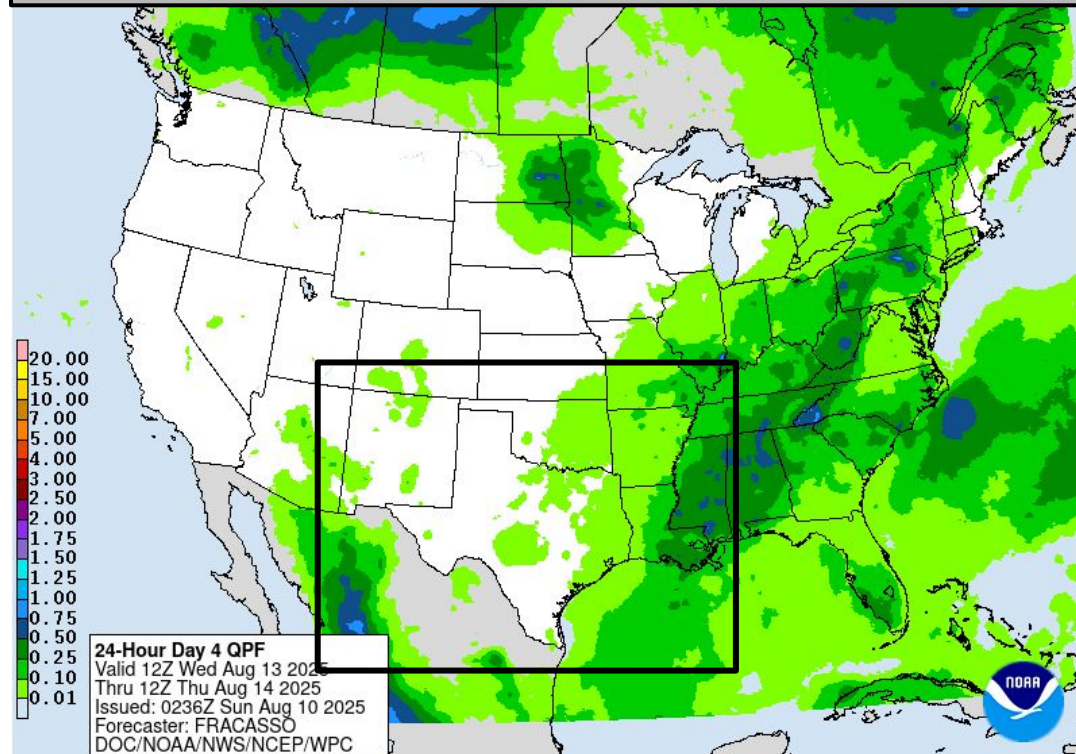


# Wednesday's Weather

### Forecast Chart

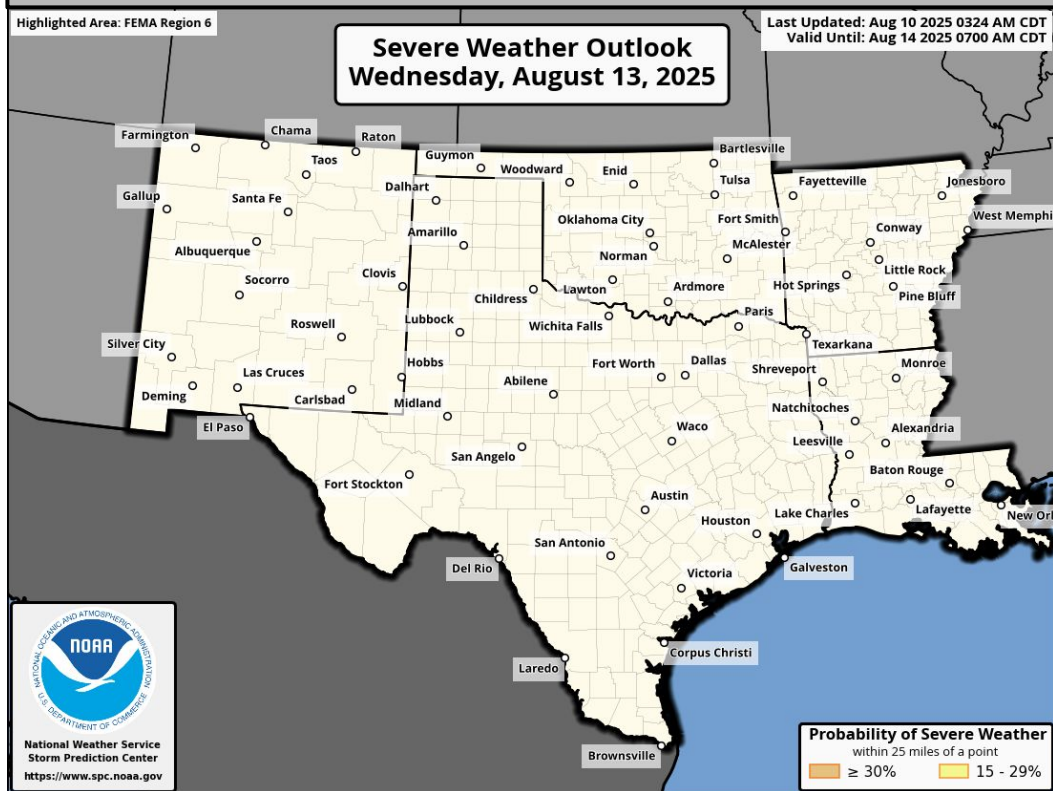


### Forecast Rainfall

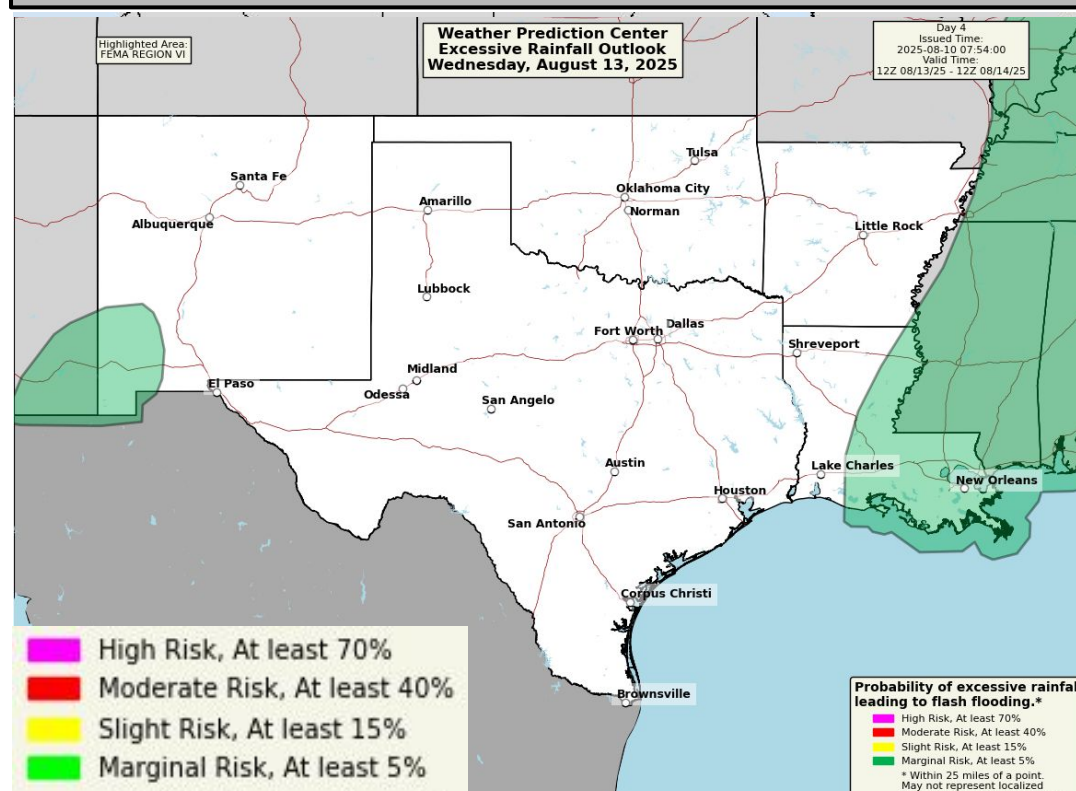


**Marginal risk (level 1 of 4) for isolated heavy rain/flash flooding in SW NM, E LA.**

### Severe Weather Outlook



### Excessive Rainfall Outlook



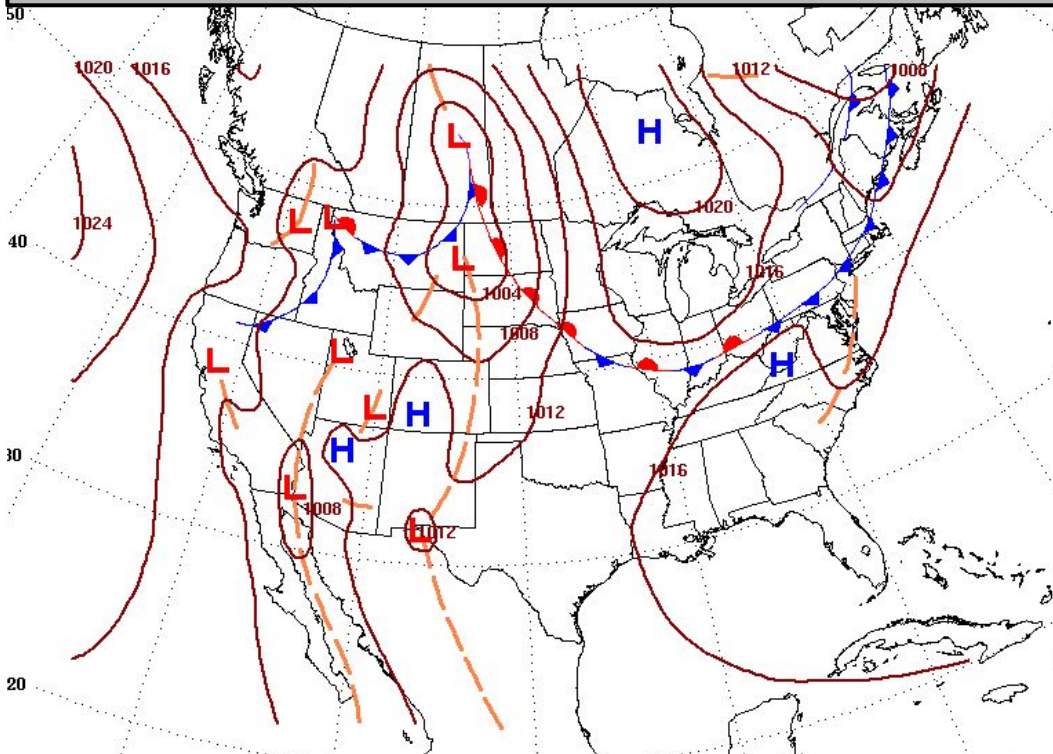
**\*Burn Scar Flash Flooding information on Burn Scar Matrix slides\***



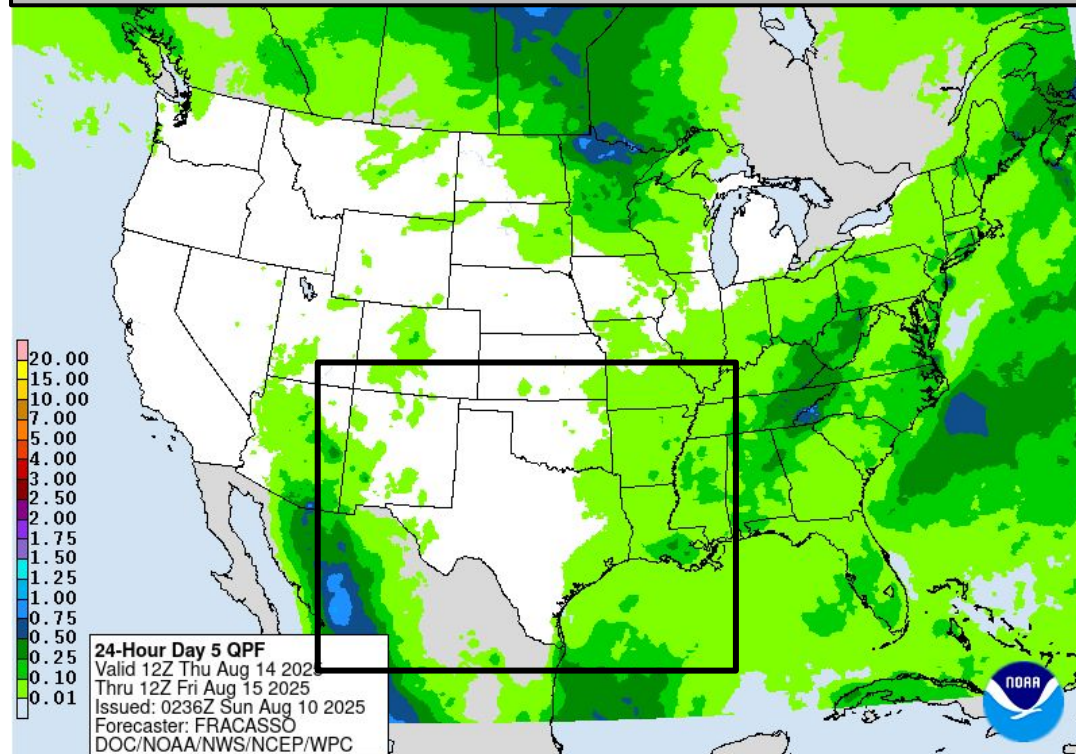


# Thursday's Weather

### Forecast Chart

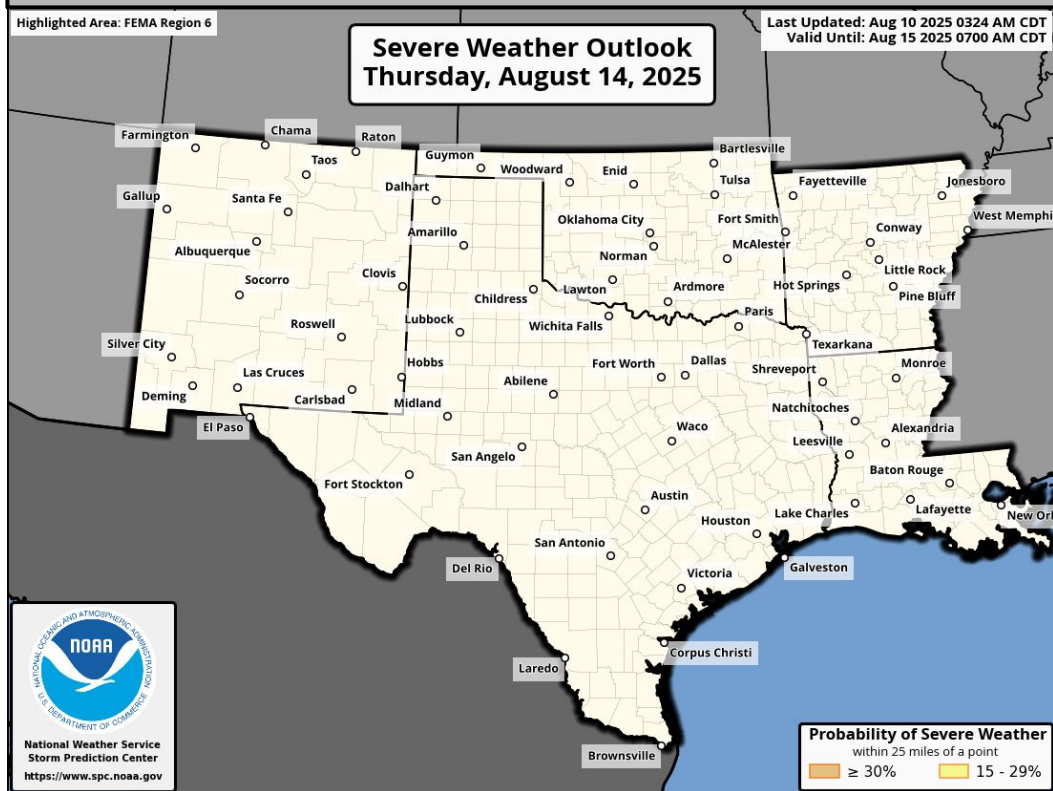


### Forecast Rainfall

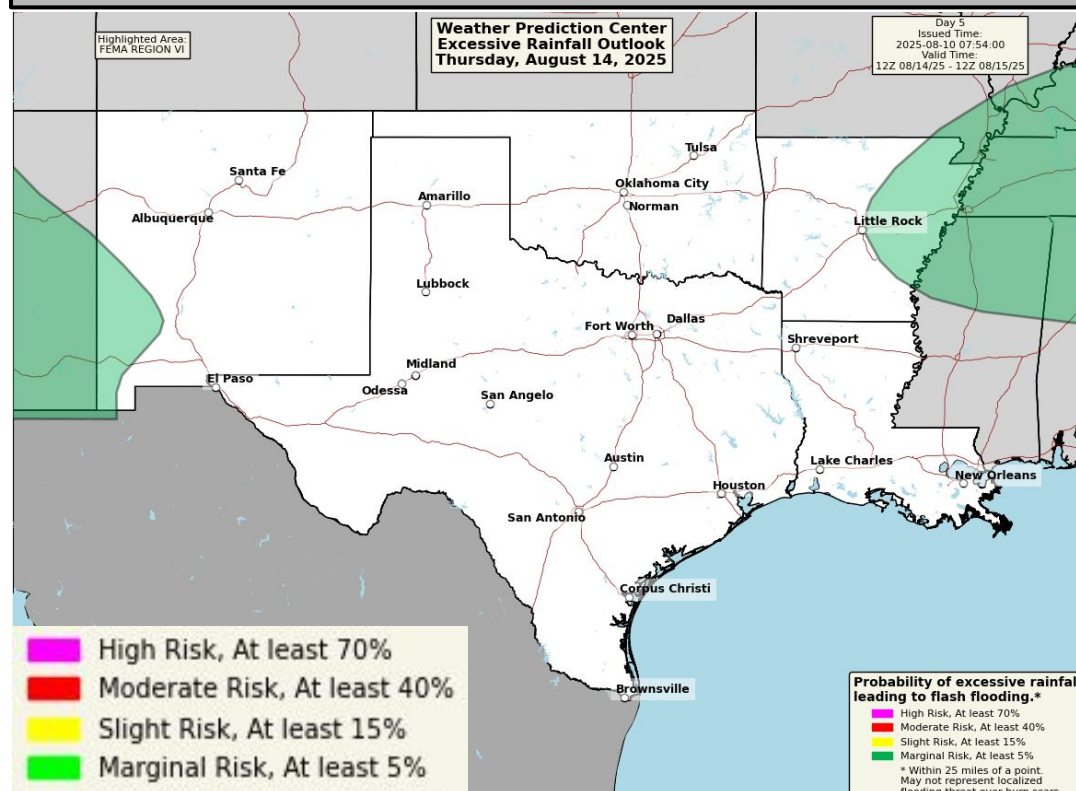


**Marginal risk (level 1 of 4) for isolated heavy rain/flash flooding in SW NM, E AR.**

### Severe Weather Outlook



### Excessive Rainfall Outlook

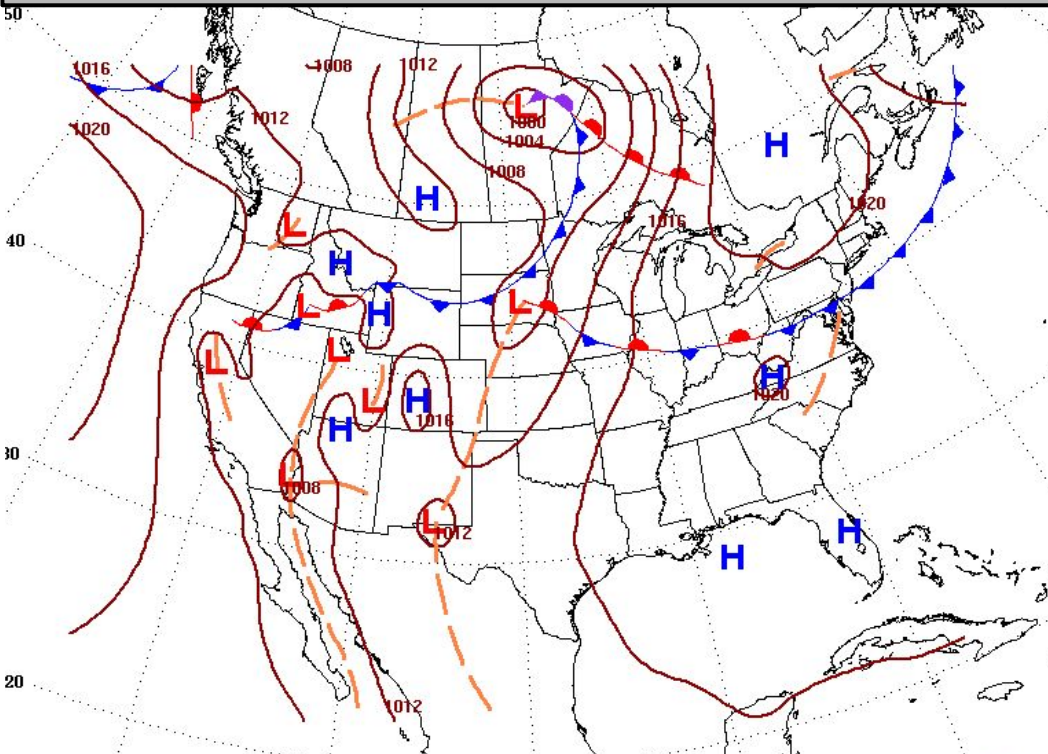




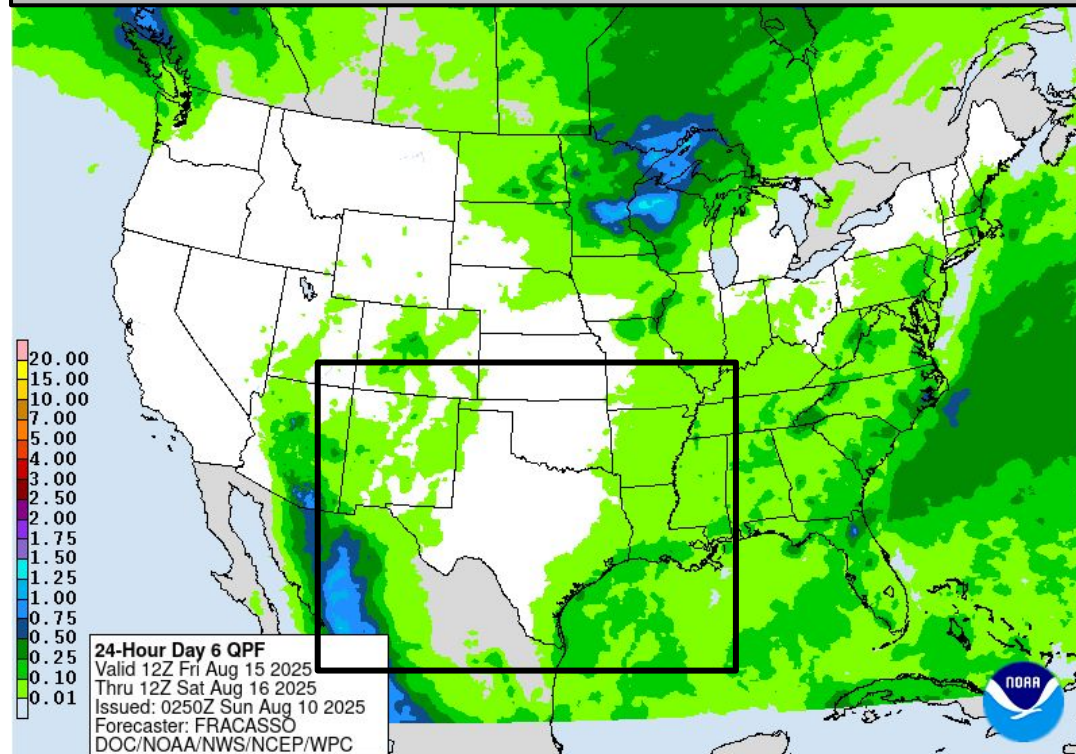


# Friday's Weather

### Forecast Chart

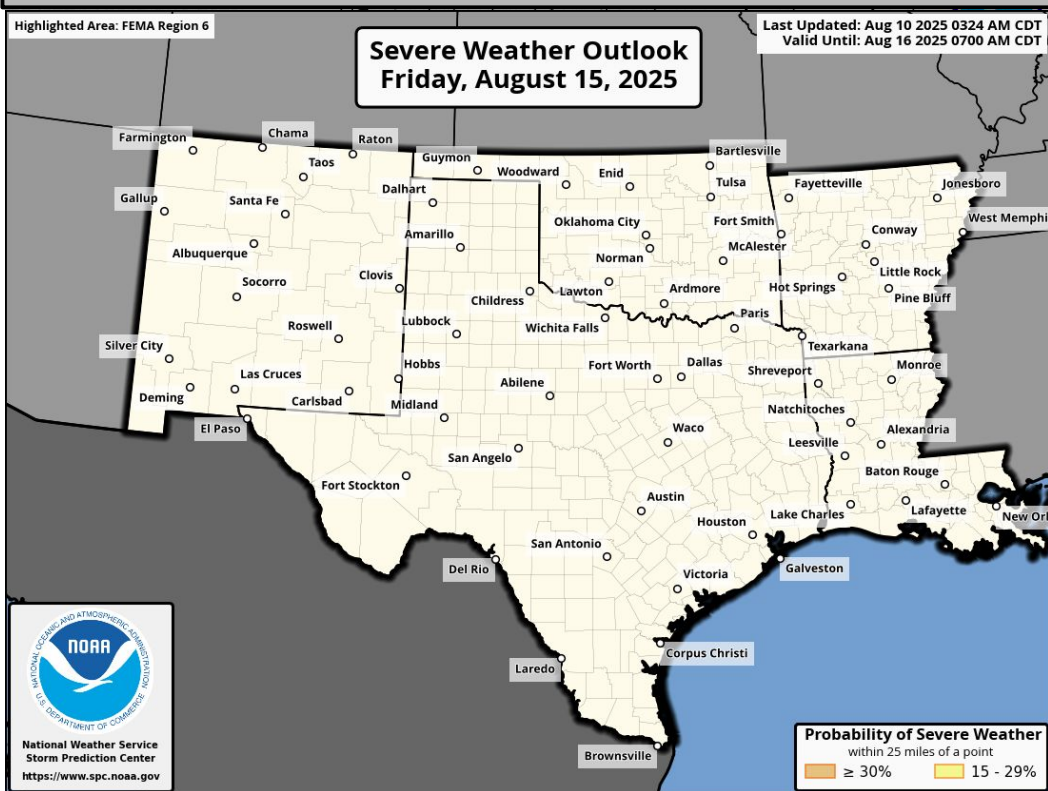


### Forecast Rainfall



**No significant weather expected.**

### Severe Weather Outlook



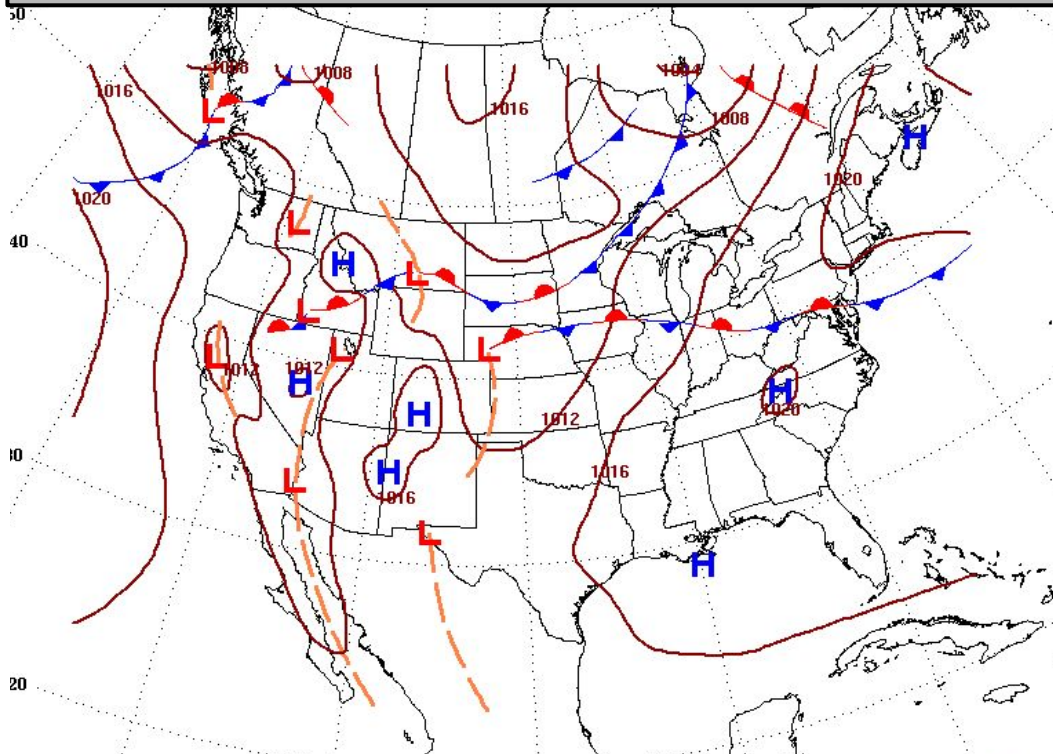
**Excessive Rainfall Outlooks not available beyond Day 5**



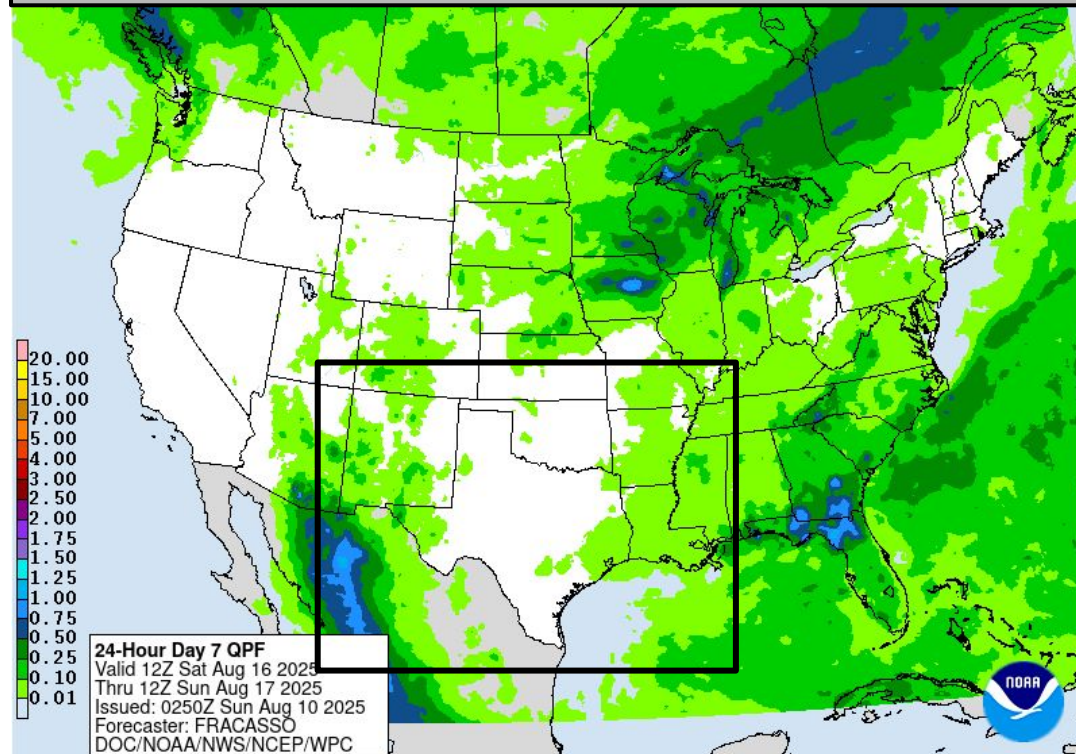


# Saturday's Weather

### Forecast Chart

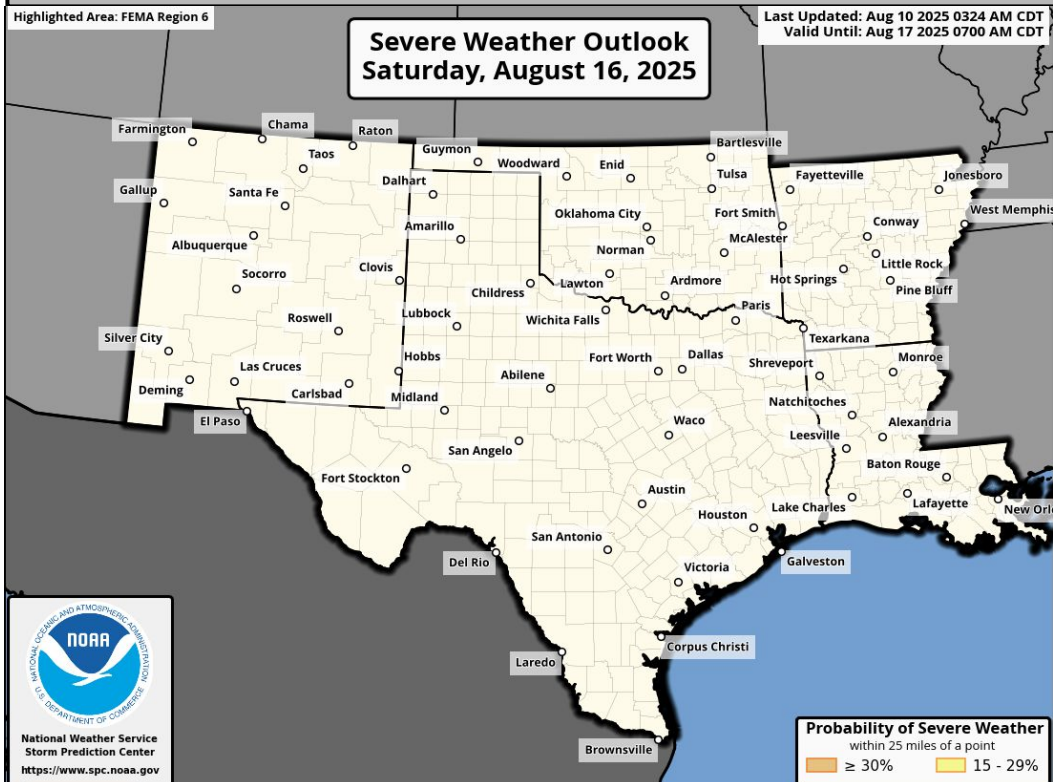


### Forecast Rainfall



**No significant weather expected.**

### Severe Weather Outlook



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

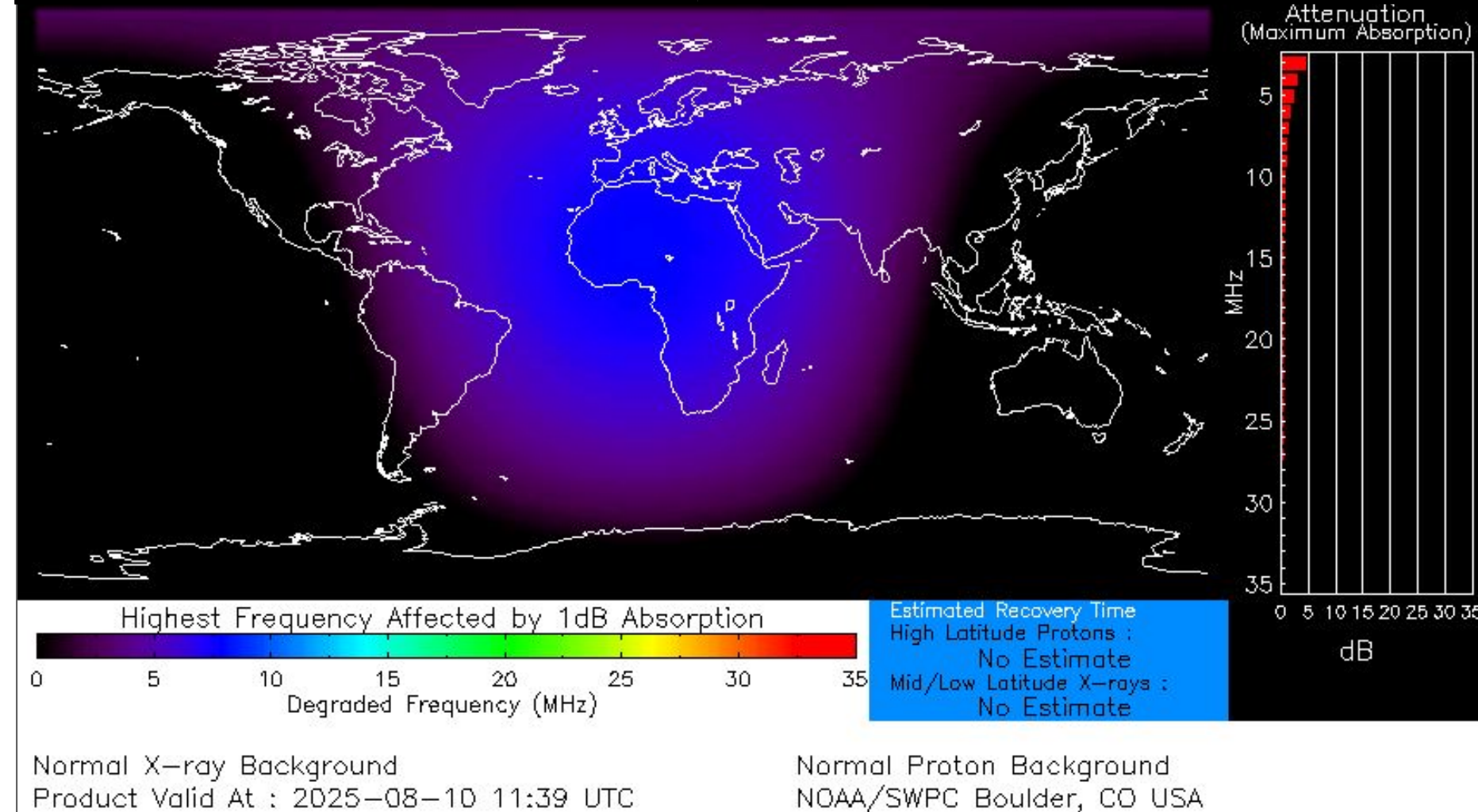






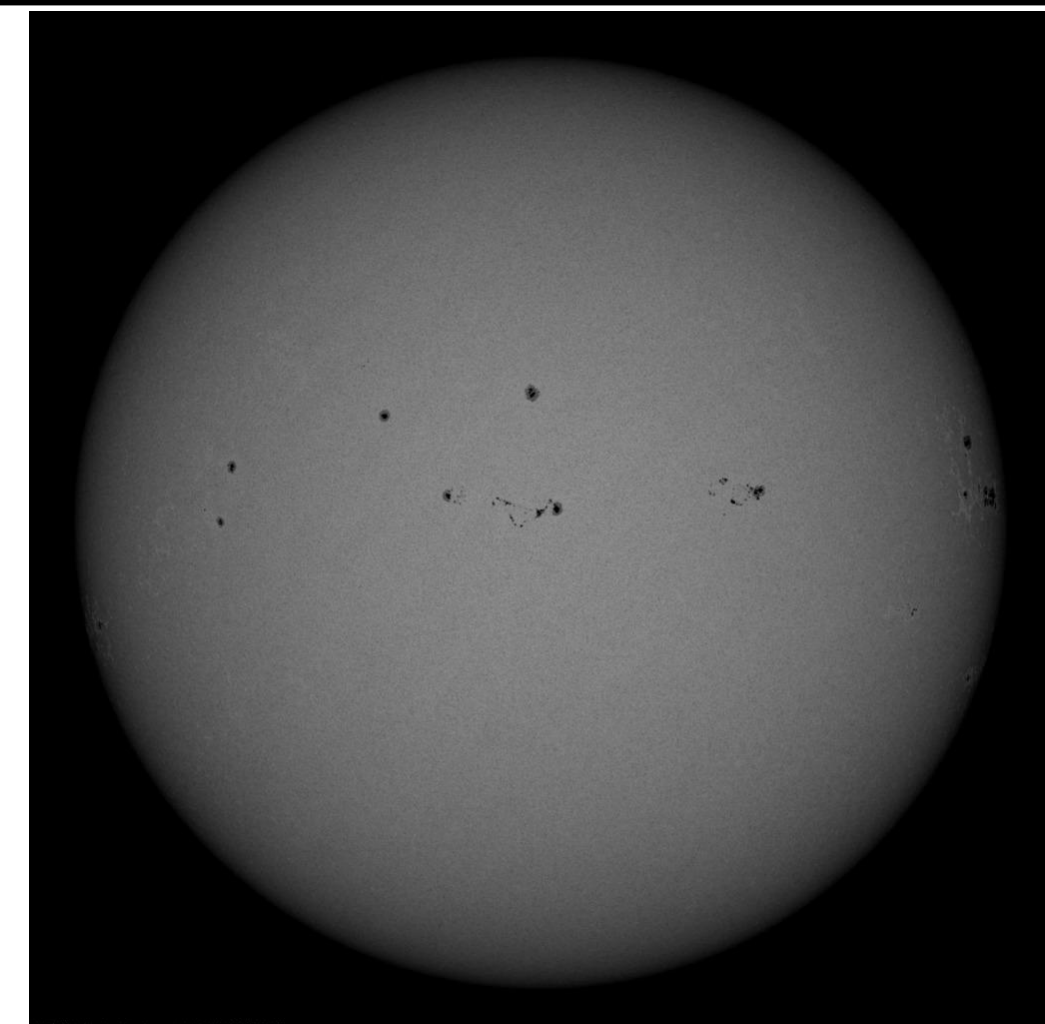
# Space Weather 3-Day Forecast

	Sunday, Aug 10	Monday, Aug 11	Tuesday, Aug 12
<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>5%</b>	<b>5%</b>	<b>5%</b>
<b>Radio Blackout (R1-R2)</b>	<b>55%</b>	<b>55%</b>	<b>55%</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

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