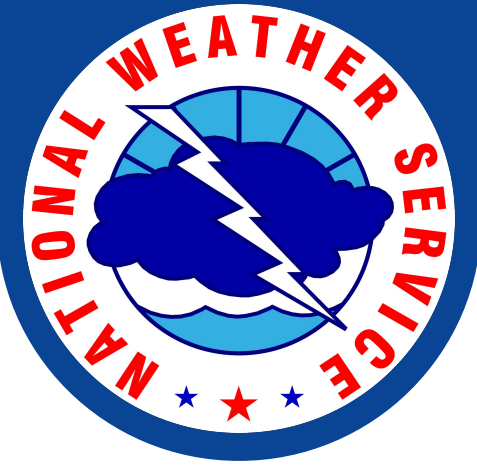




FEMA



Prepared by
Melissa Beat

FEMA Region 6 Weather Threat Briefing

Thursday, August 28, 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.





Summary

- **Flash Flooding:**

- **Slight risk (level 2 of 4) for E OK, AR, NE TX, N LA today and then in E NM, TX/OK Panhandle, N LA on Friday. Slight risk continues Saturday over E NM, TX Panhandle, W TX, SW OK. By Sunday the focus will be S NM, Far W TX.**
- **NM Burn Scars: Slight risk (level 1 of 4) today across NM then ramping up to Major (level 3 of 4) Friday through Sunday.**

- **Severe Storms:**

- **Isolated damaging hail and wind today into Friday with those areas of heavy rainfall.**

- **River Flooding:**

- **Minor to isolated moderate flooding anticipated in N/E OK and AR today into at least Friday. Haikey Creek at Tulsa I 2 SE/I 0 I st St Bridge - Moderate flooding at the intersection of I 0 I st St and Garnett.**

- **Tropical:**

- **Fernand is now post-tropical. A new area in the eastern Atlantic has a low chance (20%) for development in the next 7 days. No impacts in the next 7 days.**





FEMA Region 6 Threat Matrix

Next 7 days

	Thursday, Aug 28	Friday, Aug 29	Saturday, Aug 30	Sunday, Aug 31	Monday, Sep 1	Tuesday, Sep 2	Wednesday, Sep 3
Severe Storms	S OK, N TX, SW AR, NW LA	NE NM, NW TX/OK Panhandles, SE TX, SW LA					
Heavy Rain / Flash Flooding	E OK, AR, NE TX, N LA	E NM, TX/OK Panhandle, N LA	E NM, TX Panhandle, W TX, SW OK	S NM, Far W TX	S NM, Far W TX		
Burn Scars	NM	NM	NM	NM			
Tropical							
Heat							
River Flooding	N/E OK, AR	N/E OK, AR	E OK, AR				

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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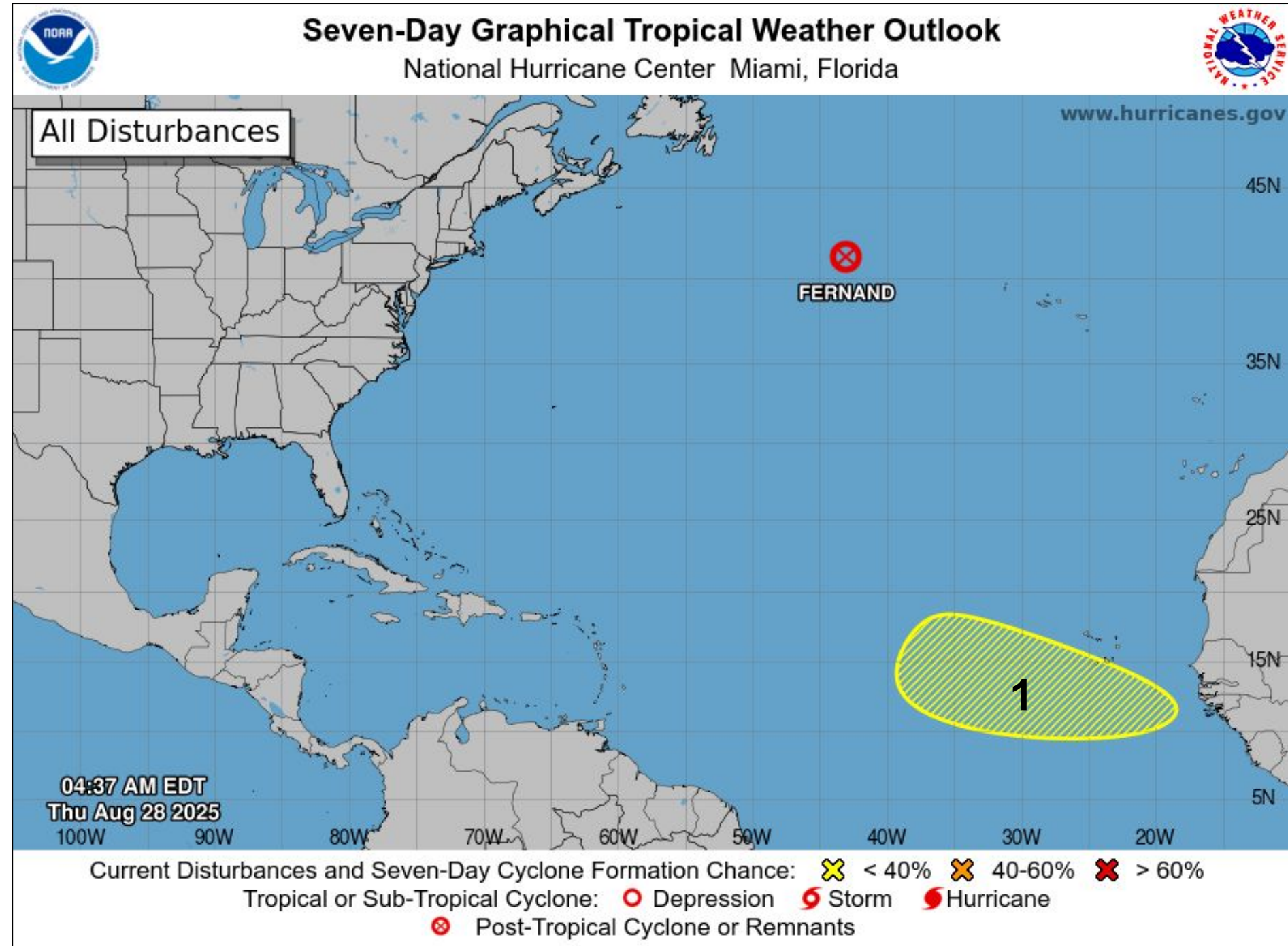
Tropical Weather Outlook – Atlantic/Gulf

Areas of Possible Development

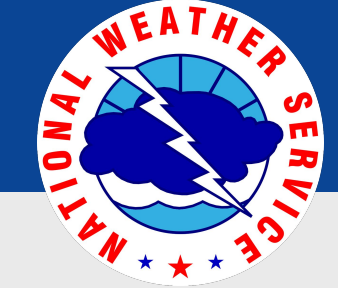
Area	Chance of Development	Potential Impacts to FEMA 6
1	Low (20%)	None in the next 7 days

Active Tropical Cyclones

Storm	Potential Impacts to FEMA 6

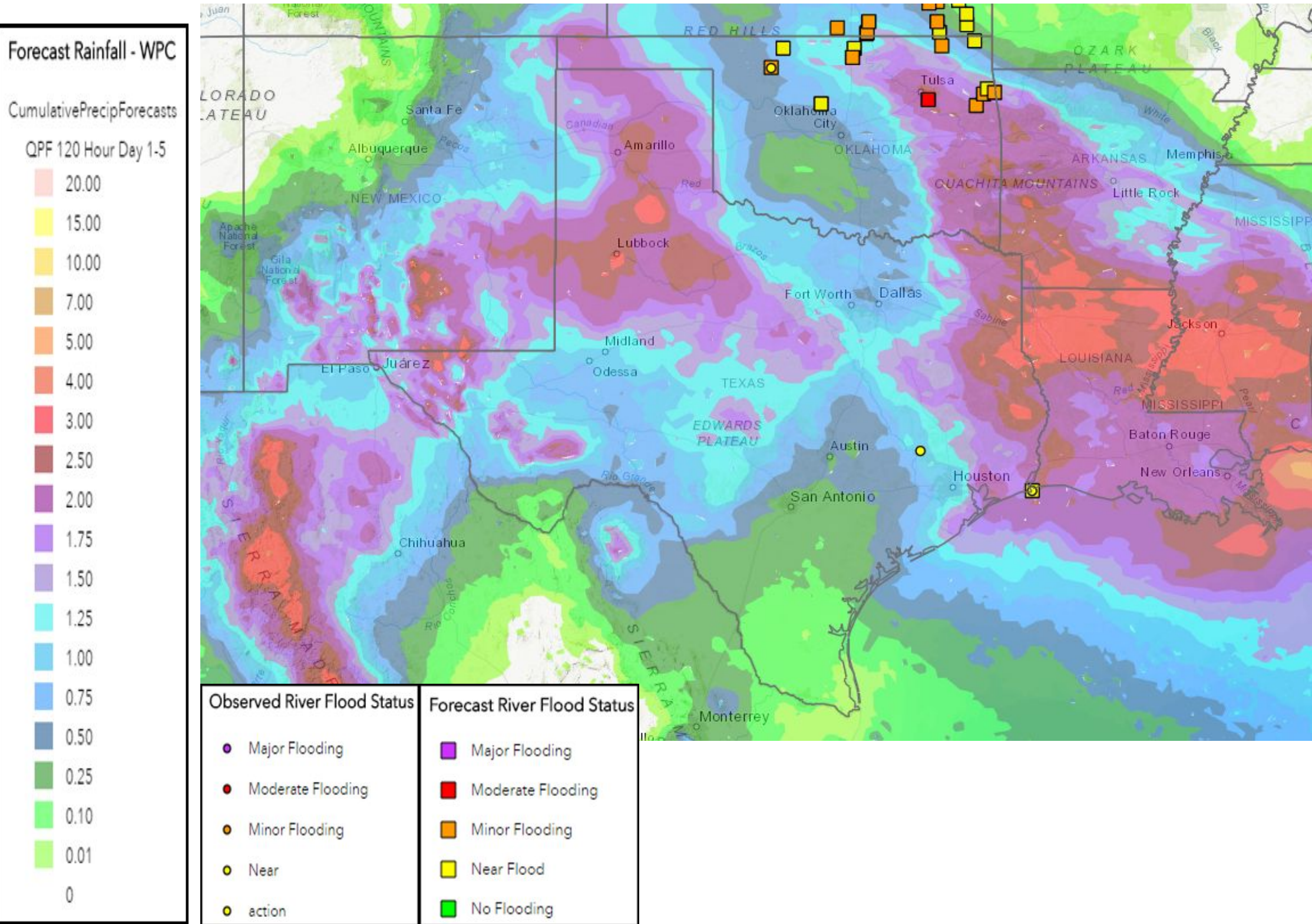


See <http://www.hurricanes.gov> for the latest on the tropics or any active storms



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



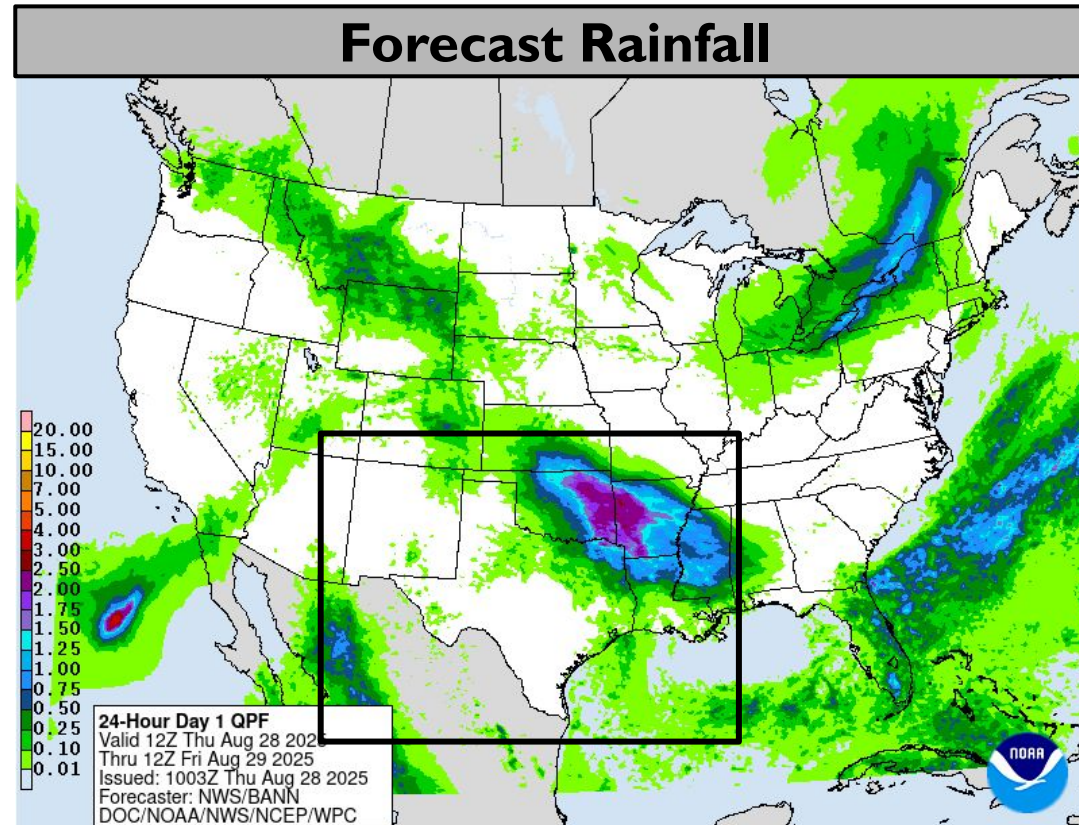
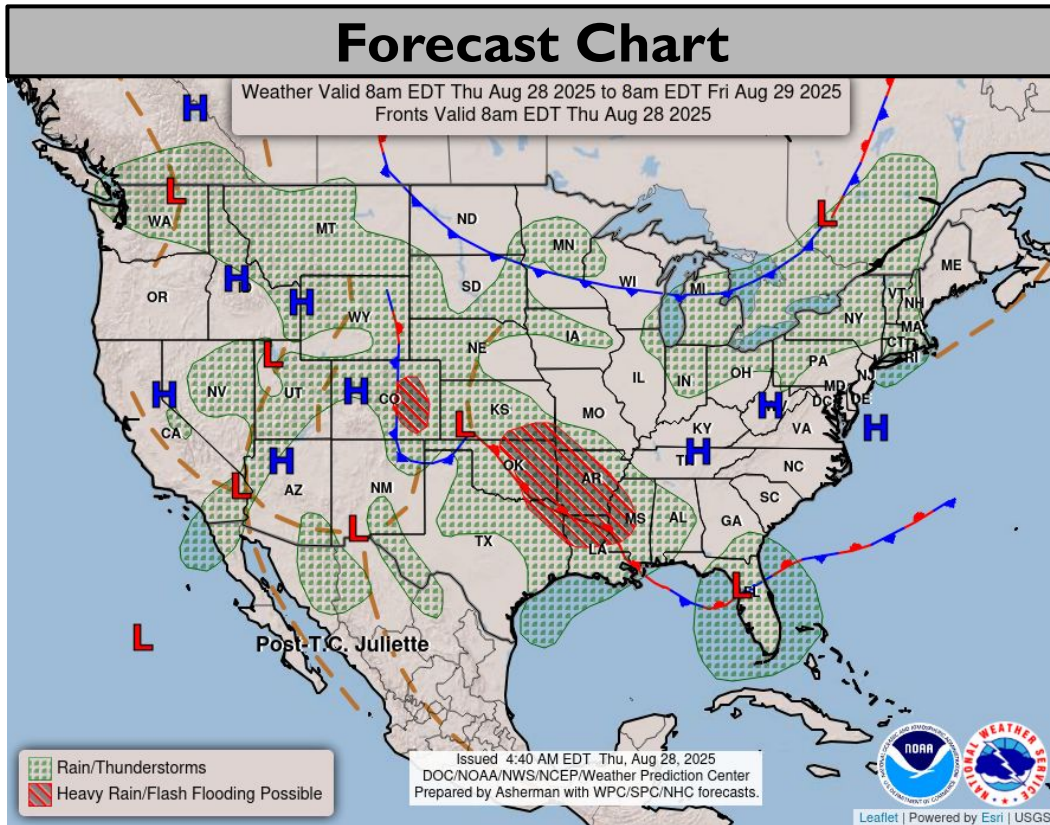
Minor with isolated moderate rises on rivers in N/E OK, AR. Impacts to farmland, oil fields, campgrounds, and extreme turbulence making floating in rivers unsafe.

Haikey Creek at Tulsa 12 SE/101st St Bridge - Moderate flooding anticipated today with flooding at the intersection of 101st St and Garnett.

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.

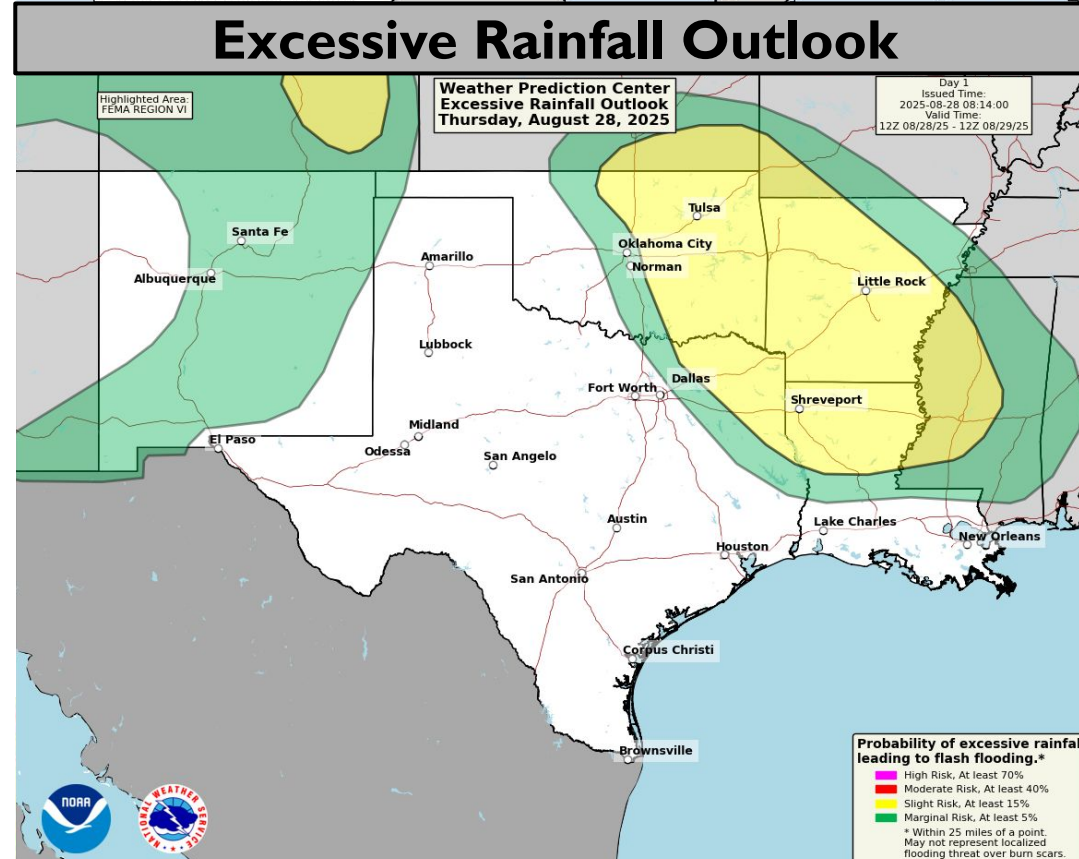
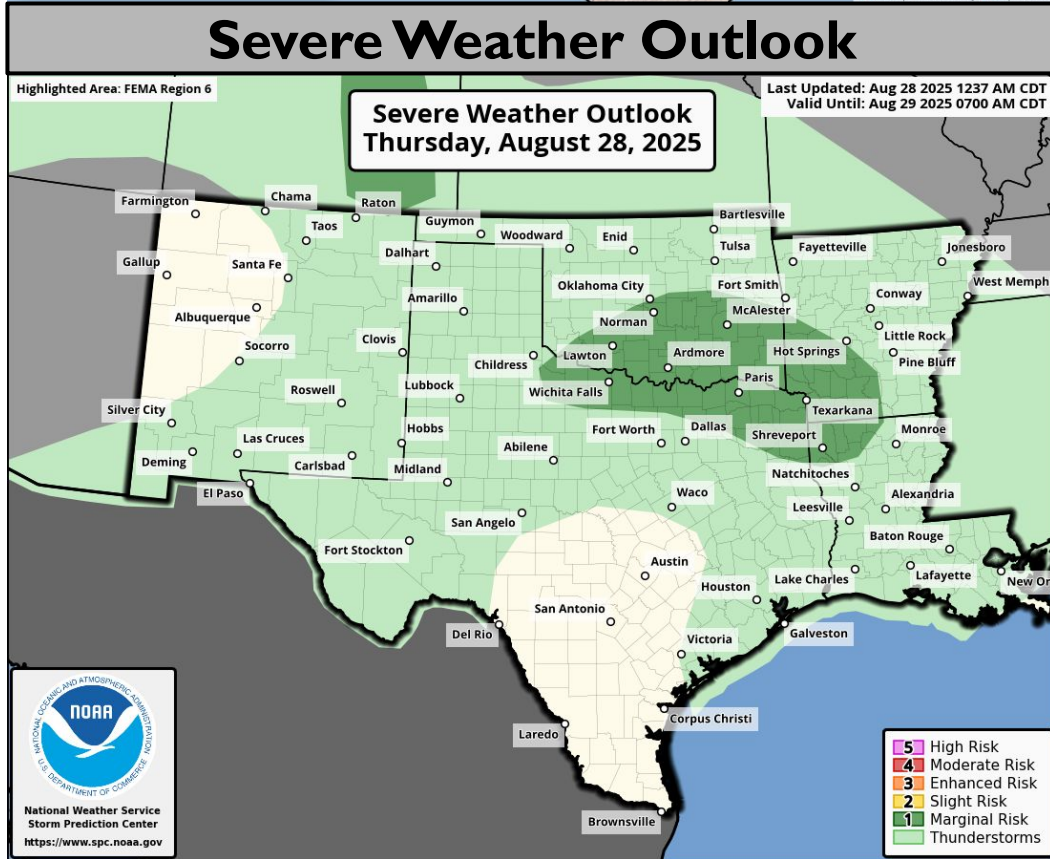


Today's Weather



Slight risk (level 2 of 4) for flash flooding in E OK, AR, NETX, N LA.

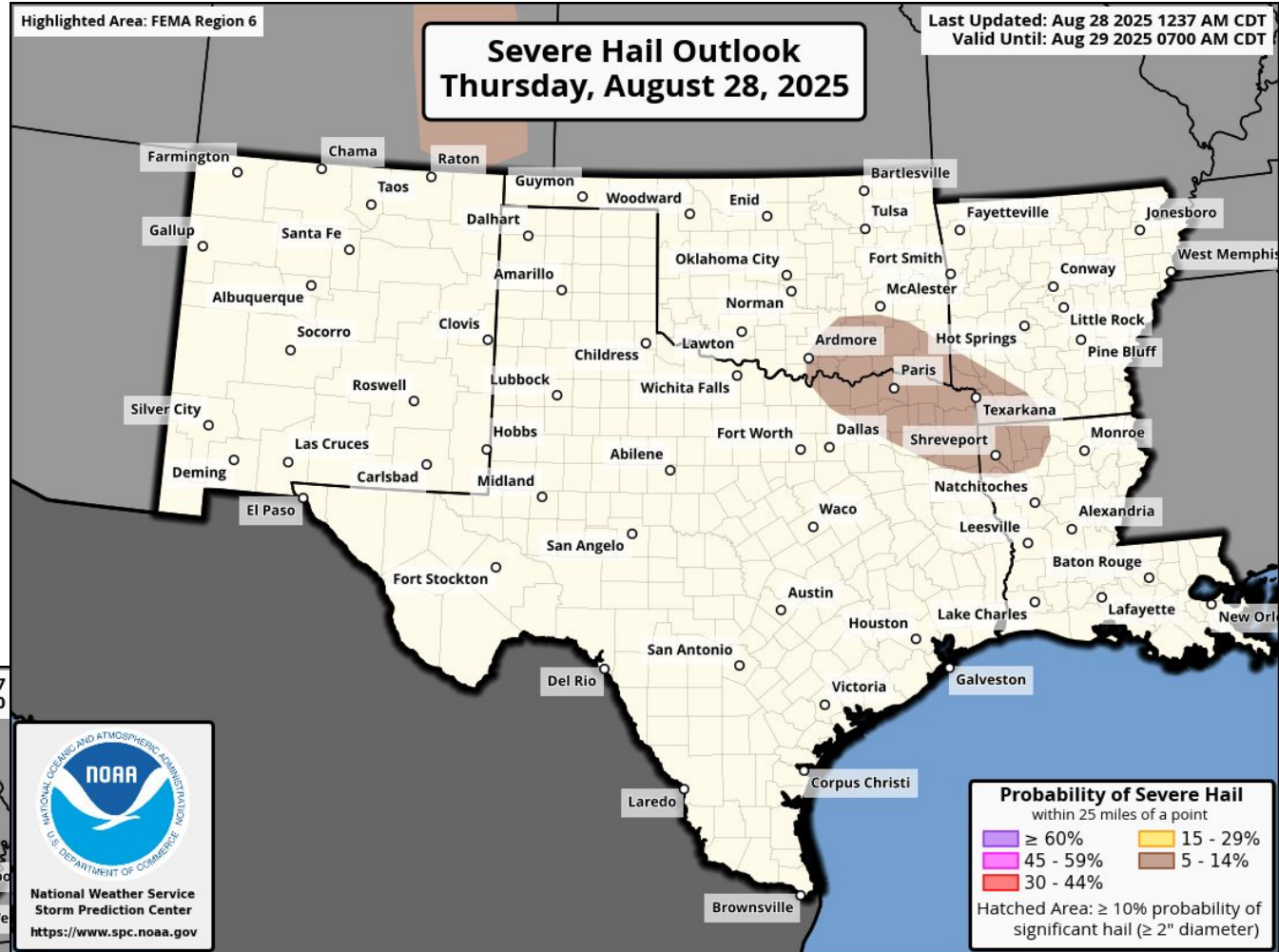
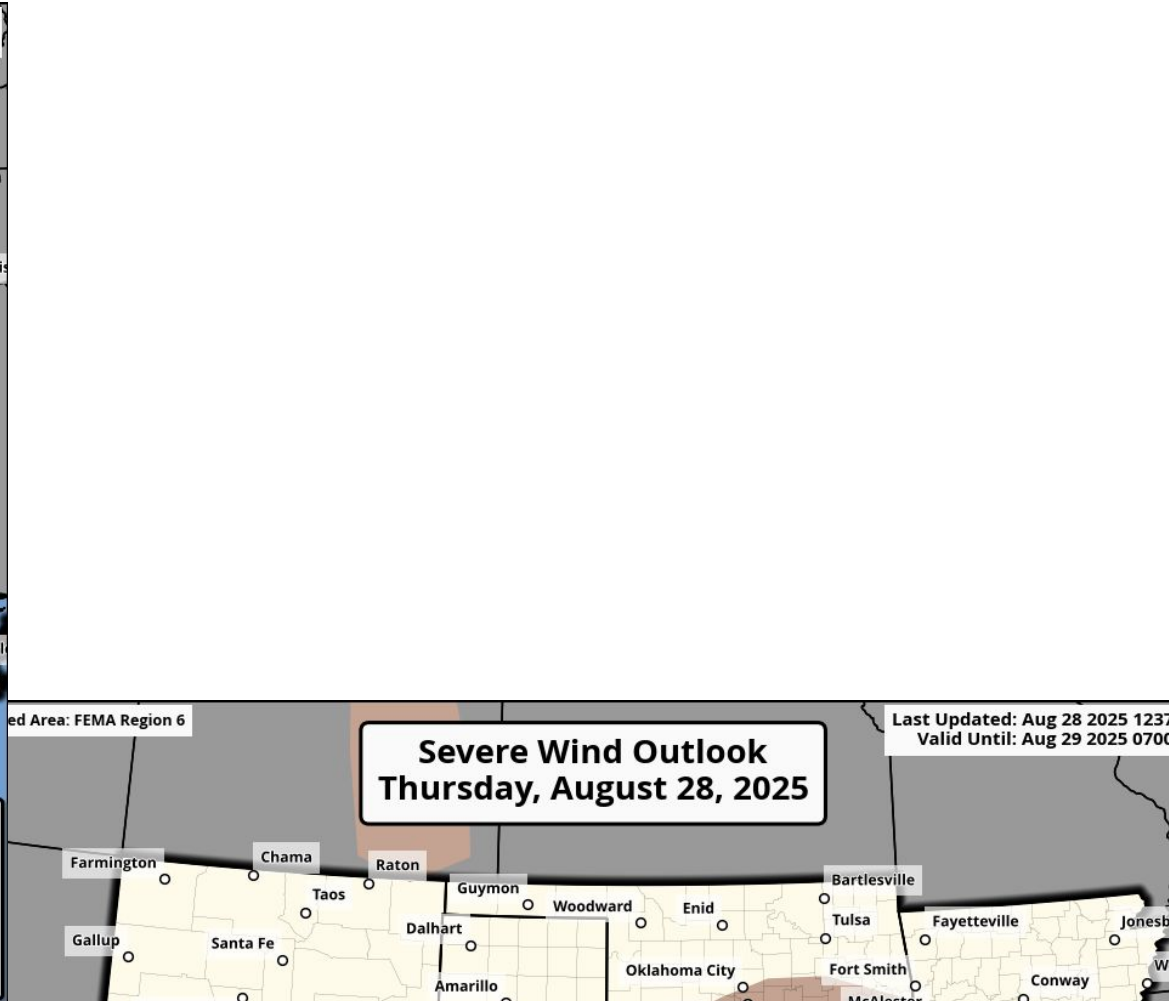
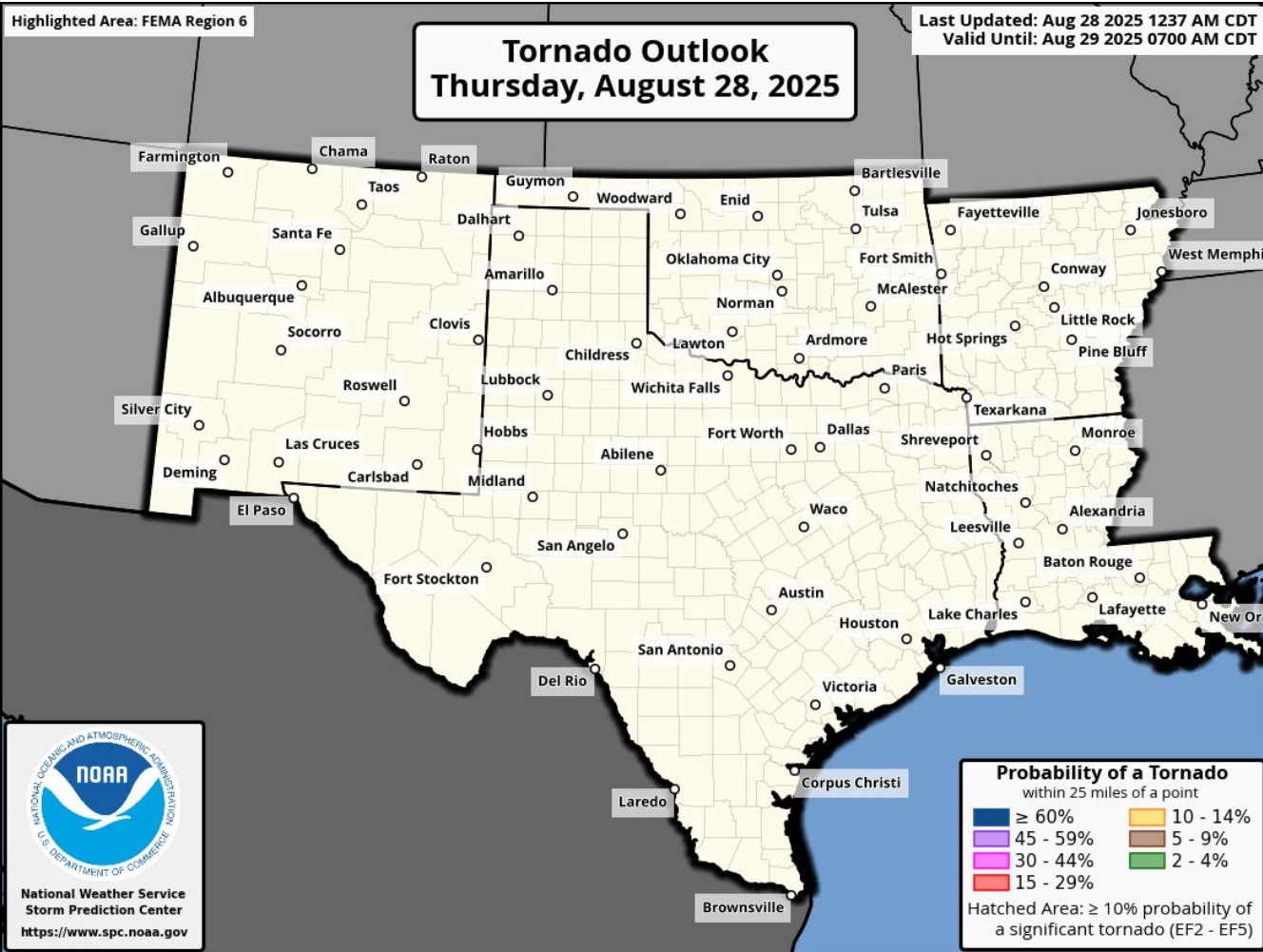
Marginal risk (level 1 of 5) for severe storms in S OK, NTX, SW AR, NW LA.



Burn Scar Flash Flooding information on Burn Scar Matrix slides



Today's Tornado & Severe Wind / Hail Probabilities

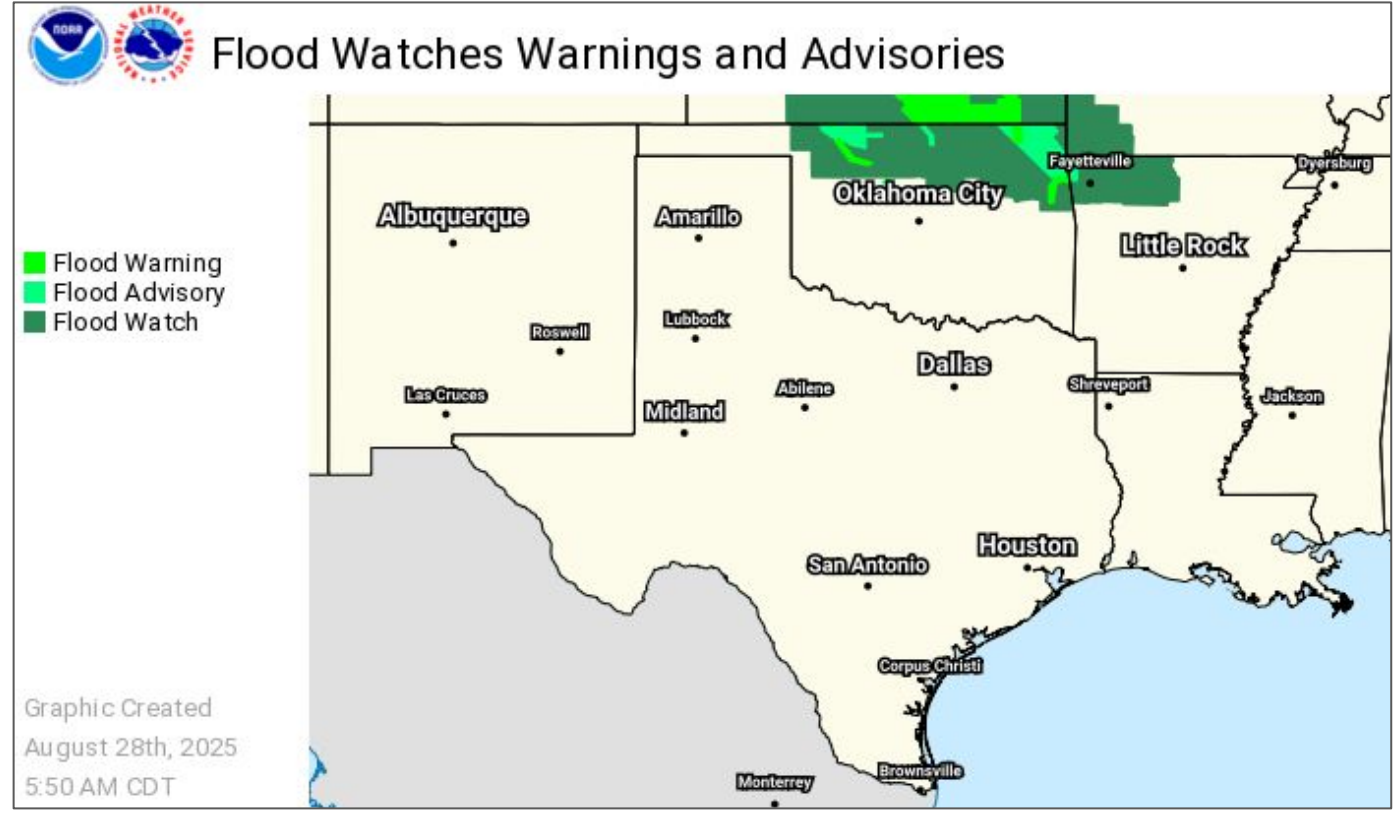
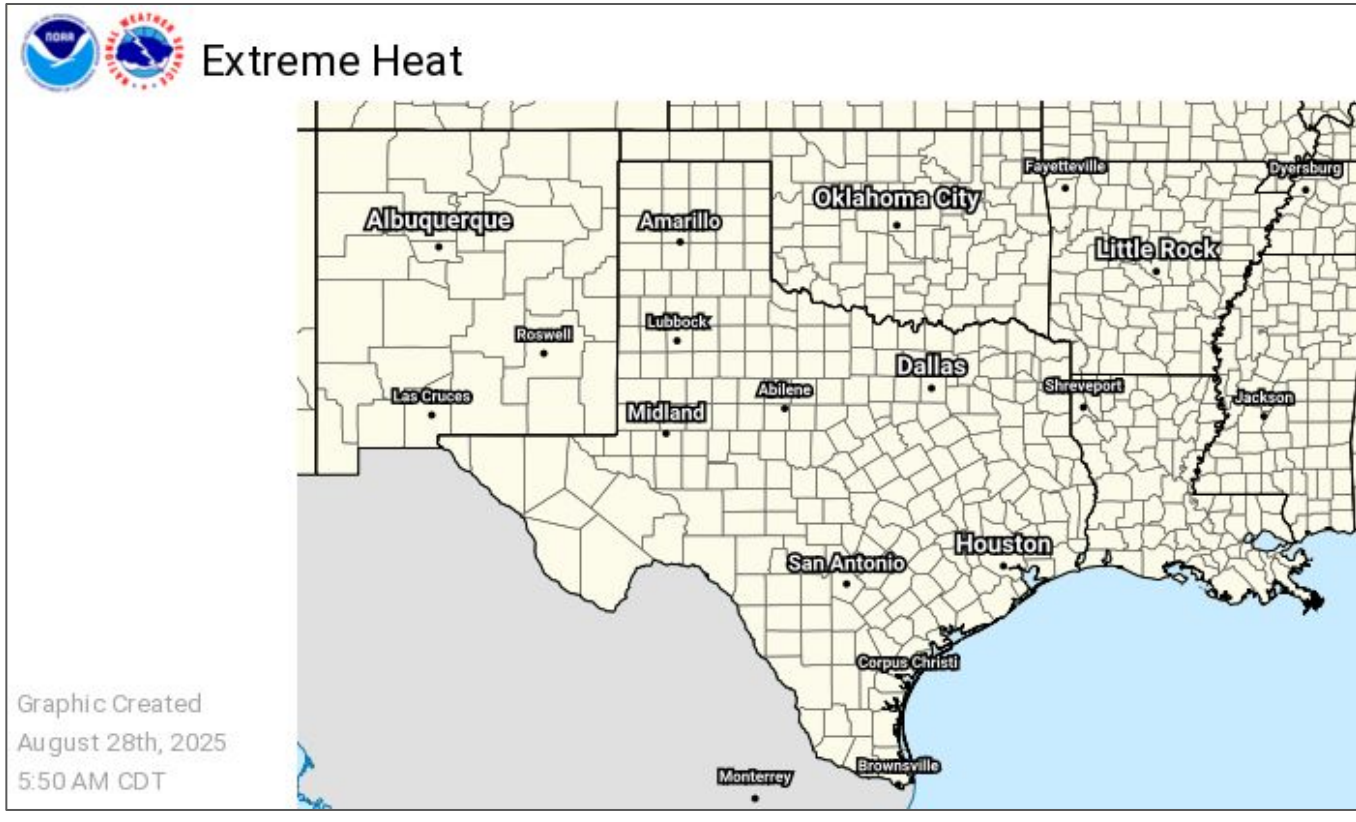
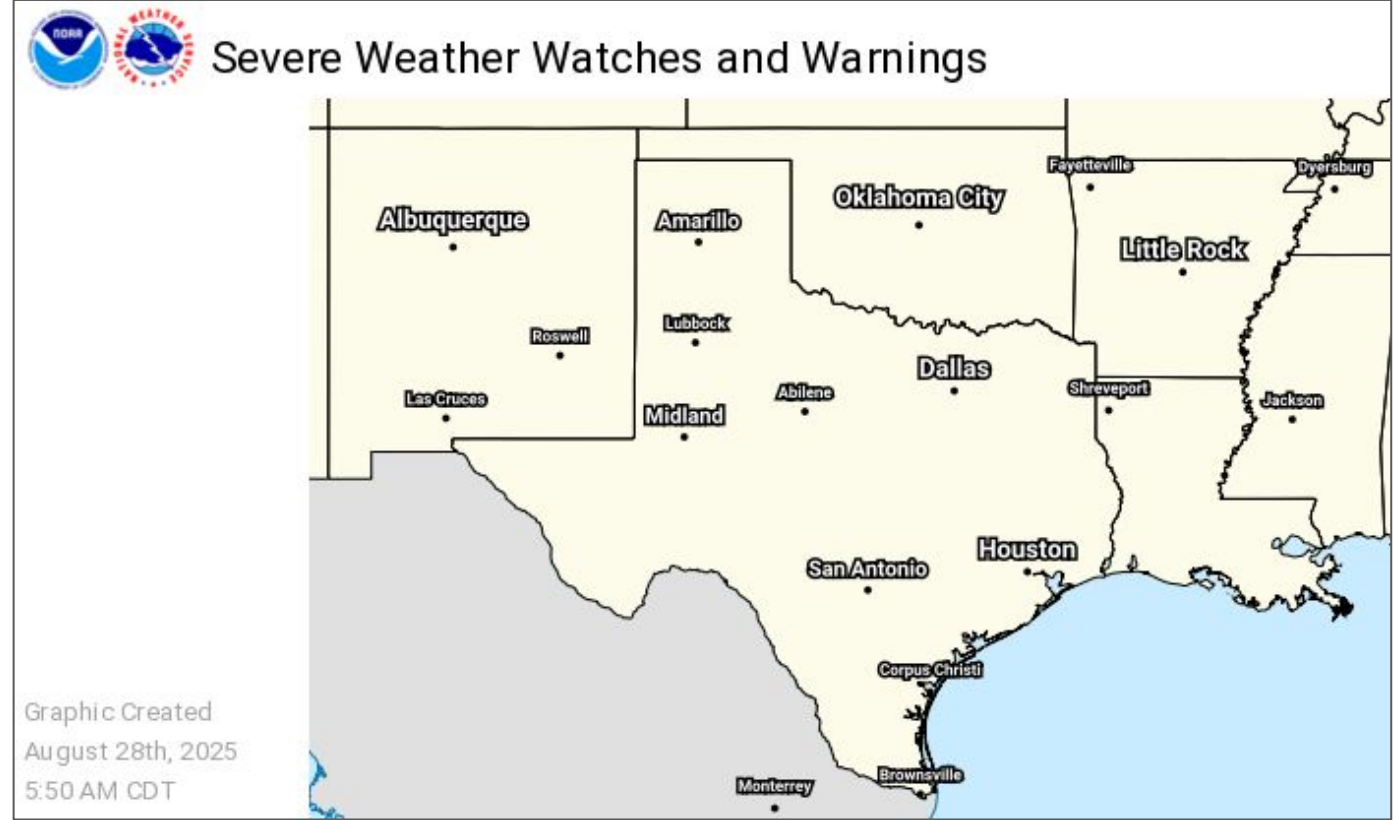


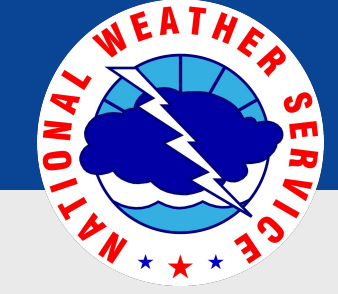


Watches, Warnings, and Advisories

Wind, Severe, Heat, and Flood Hazards

Flood Watch for N OK through this afternoon, and for N AR through this evening.
Widespread 2-5" with potential for up to 7-10".

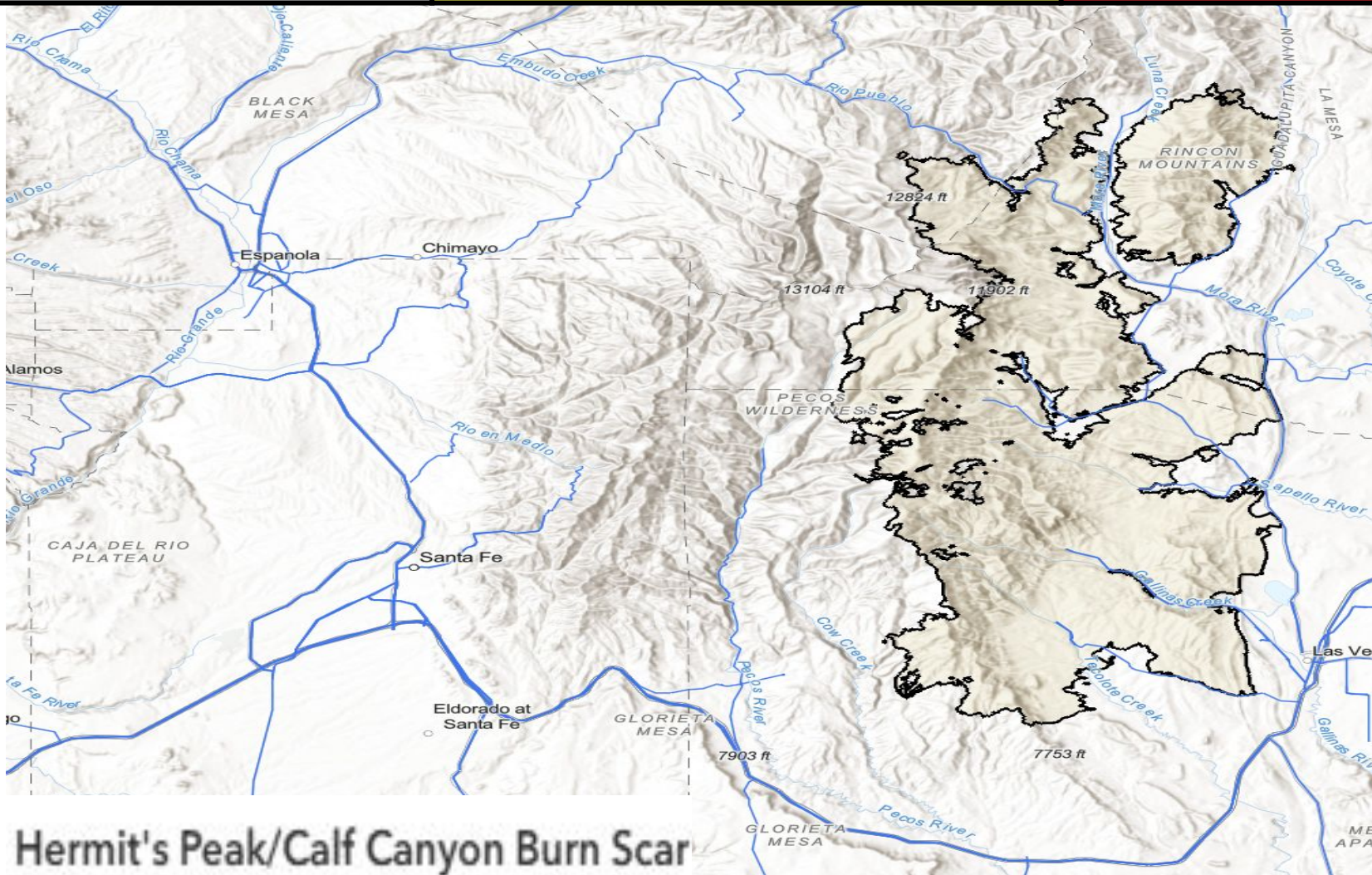




Burn Scar Debris Flow Risk - HPCC Scar New Mexico

Hermit's Peak/Calf Canyon Burn Scar

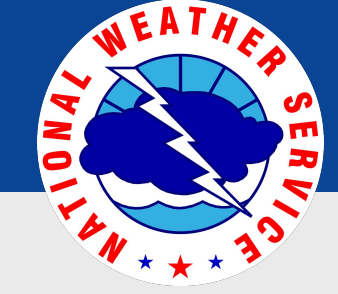
	Thursday, Aug 28	Friday, Aug 29	Saturday, Aug 30	Sunday, Aug 31
Flash Flooding	Slight	Major	Major	Major
Timing - CDT	1pm-9pm	Afternoon/Evening	Afternoon/Evening	Afternoon/Evening



Hermit's Peak/Calf Canyon Burn Scar

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"> WPC's Excessive Rainfall Outlook is <i>Not Applicable</i> to burn scars. 	

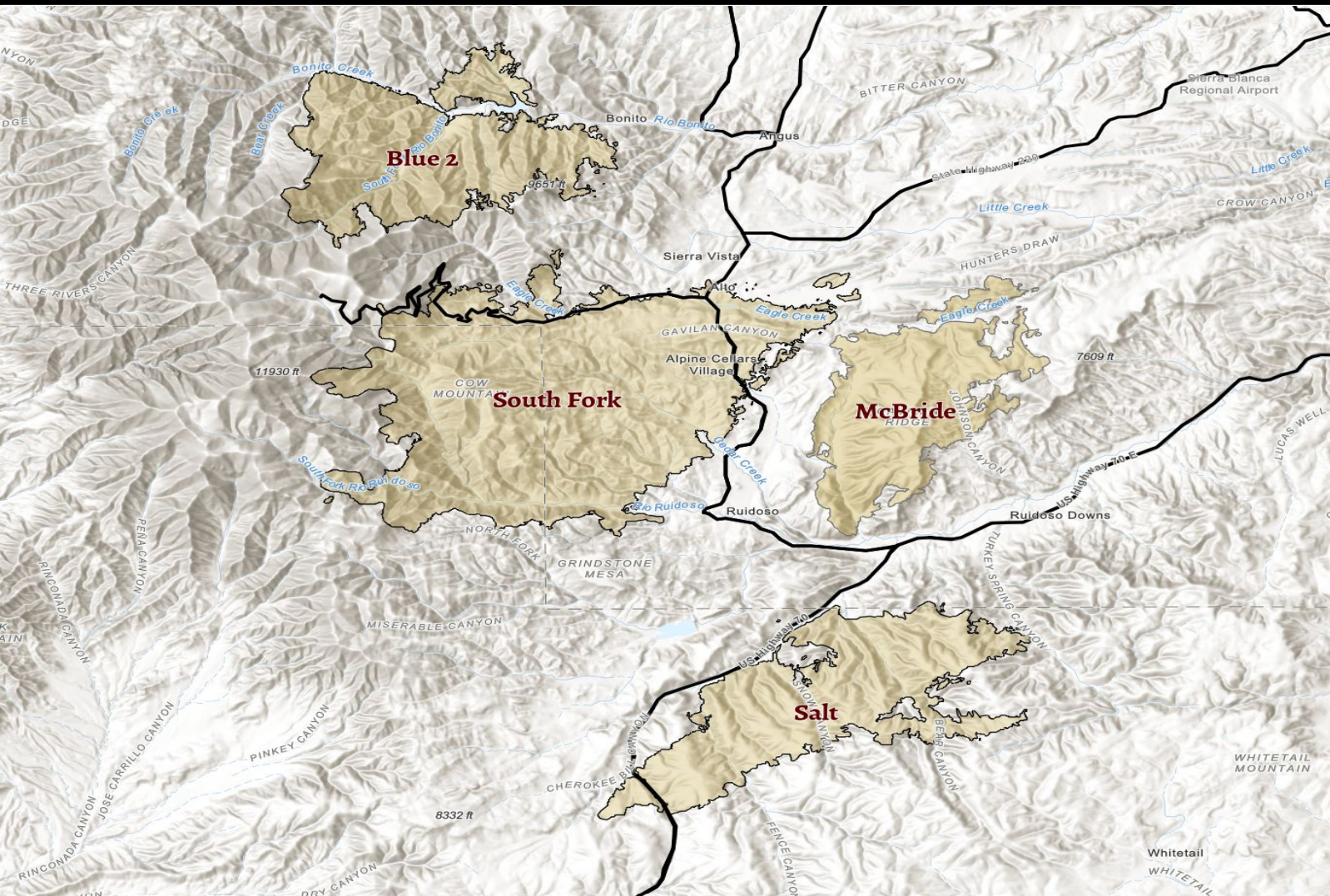




Burn Scar Debris Flow Risk - Ruidoso, New Mexico

Sacramento Complex

	Thursday, Aug 28	Friday, Aug 29	Saturday, Aug 30	Sunday, Aug 31
Flash Flooding	Slight	Major	Major	Major
Timing - CDT	1pm-9pm	Afternoon-Evening	Afternoon-Evening	Afternoon-Evening

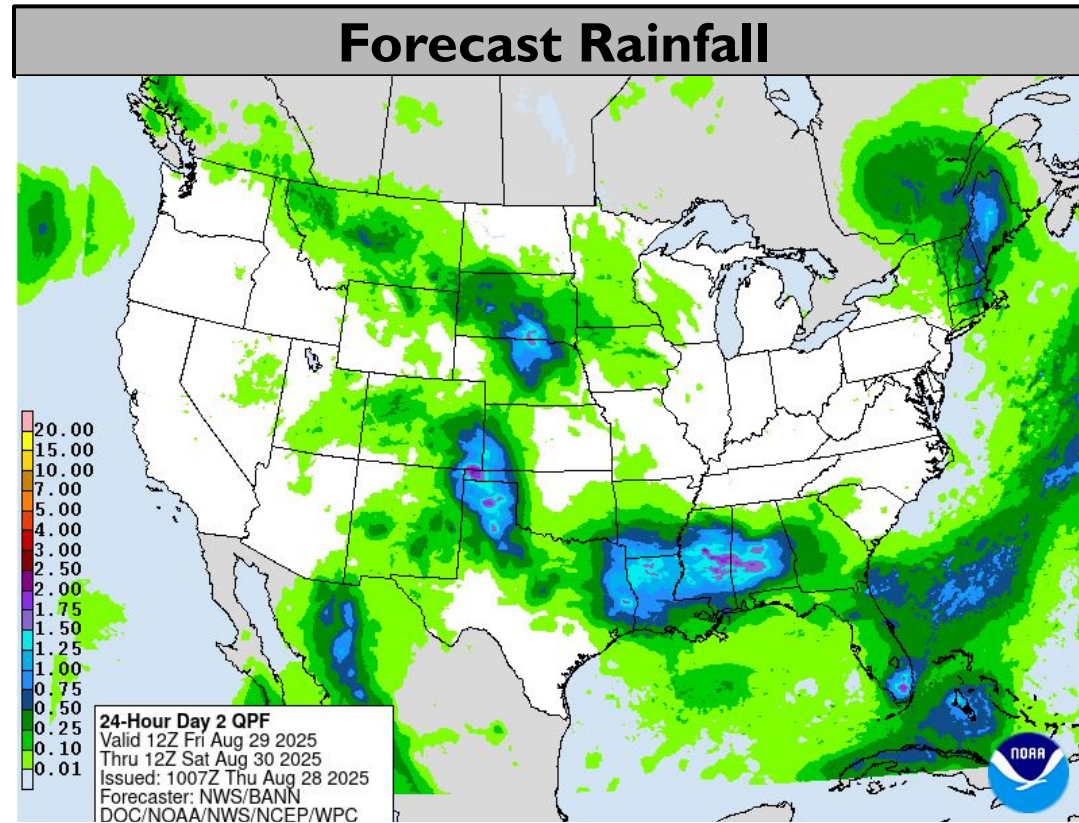
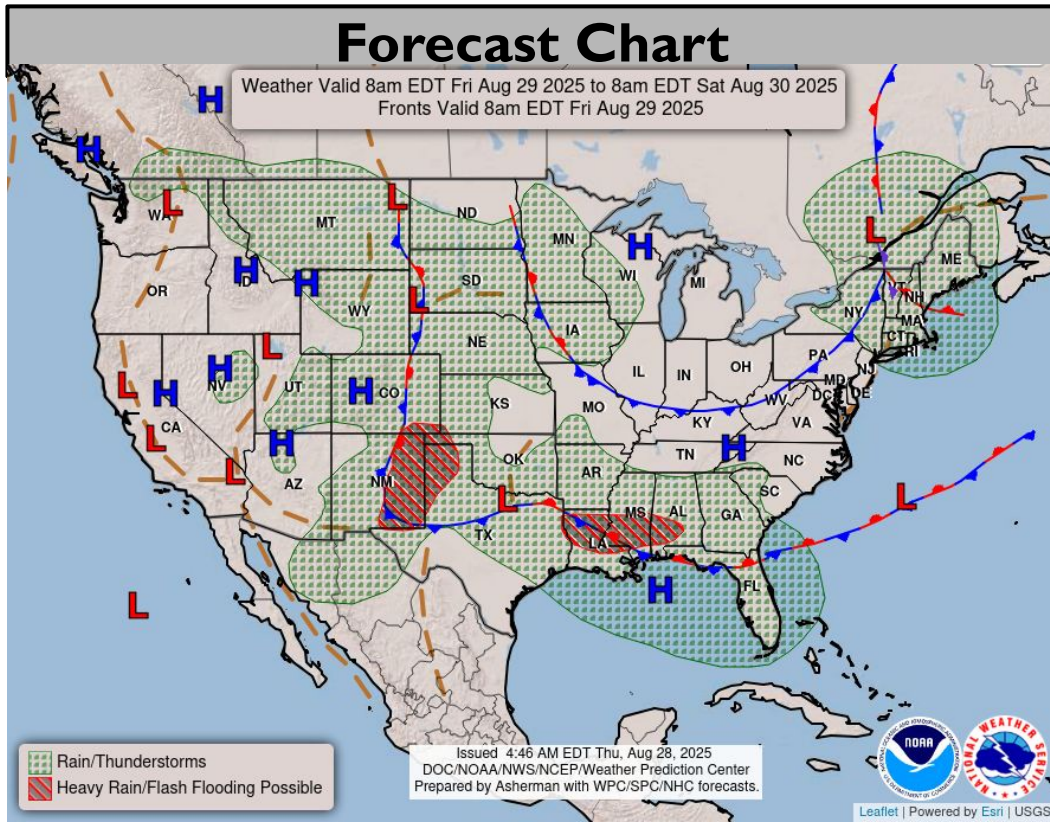


Little to None	No Flash Flood Threat
Minor (level 1 of 4)	Slight Risk of Flash Flooding
Moderate (level 2 of 4)	Probability of Flash Flooding Issuance 40% to 60%
Major (level 3 of 4)	Flood Watch Issued OR Debris Flow Probability > 50%
Extreme (level 4 of 4)	Life Threatening Flash Flooding Likely - Historic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

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

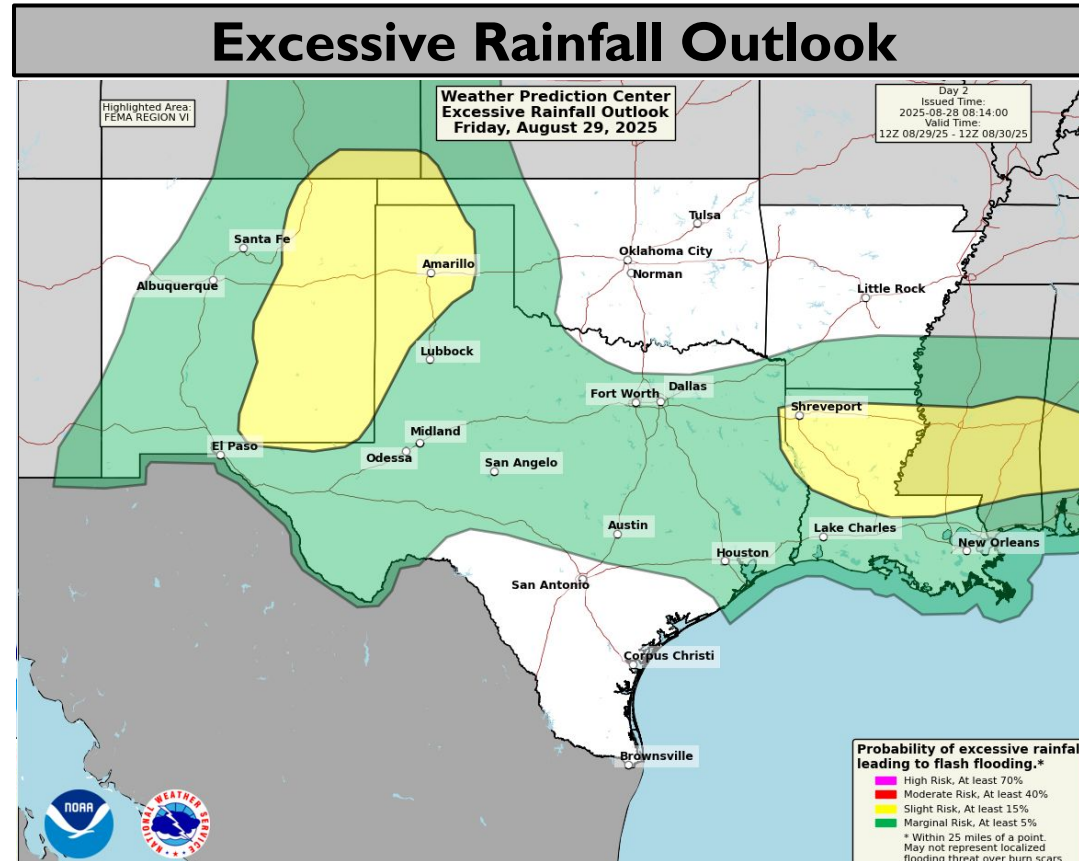
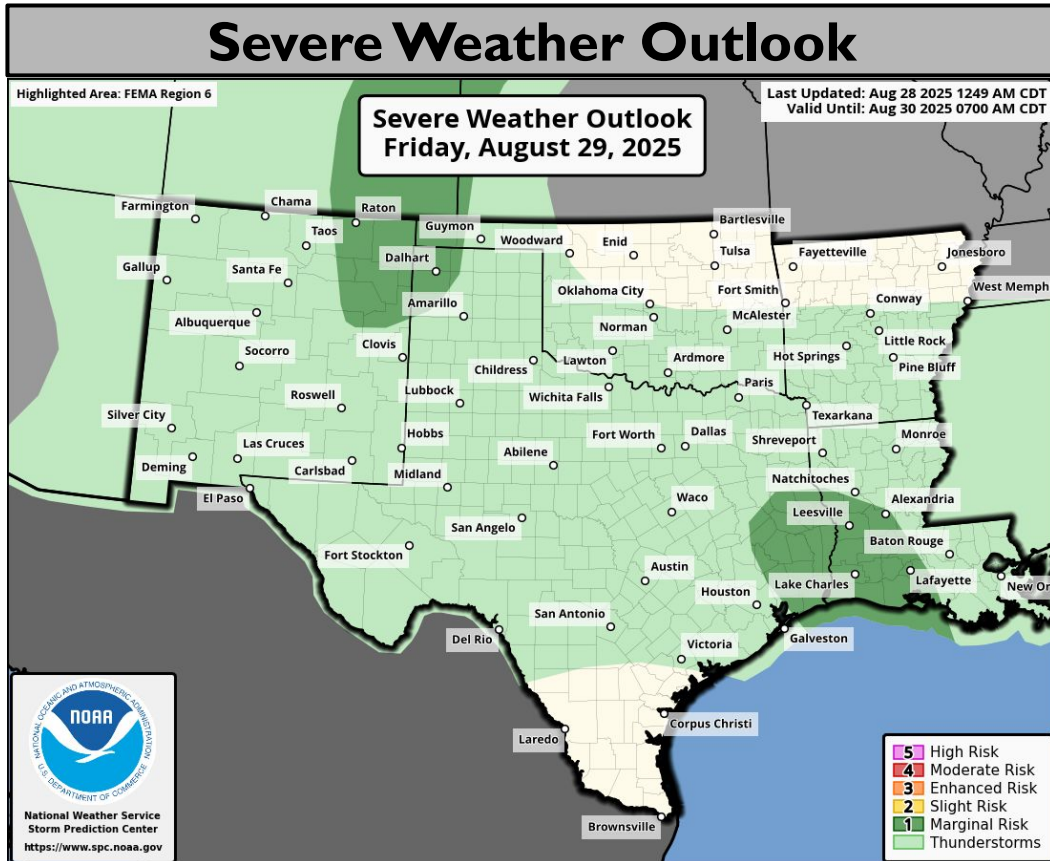


Tomorrow's Weather

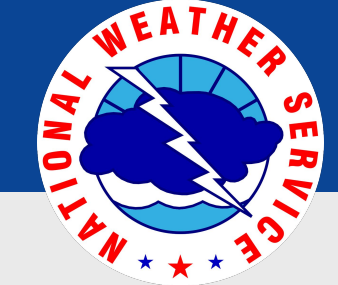


Slight risk (level 2 of 4) for flash flooding in E NM, TX/OK Panhandle, N LA.

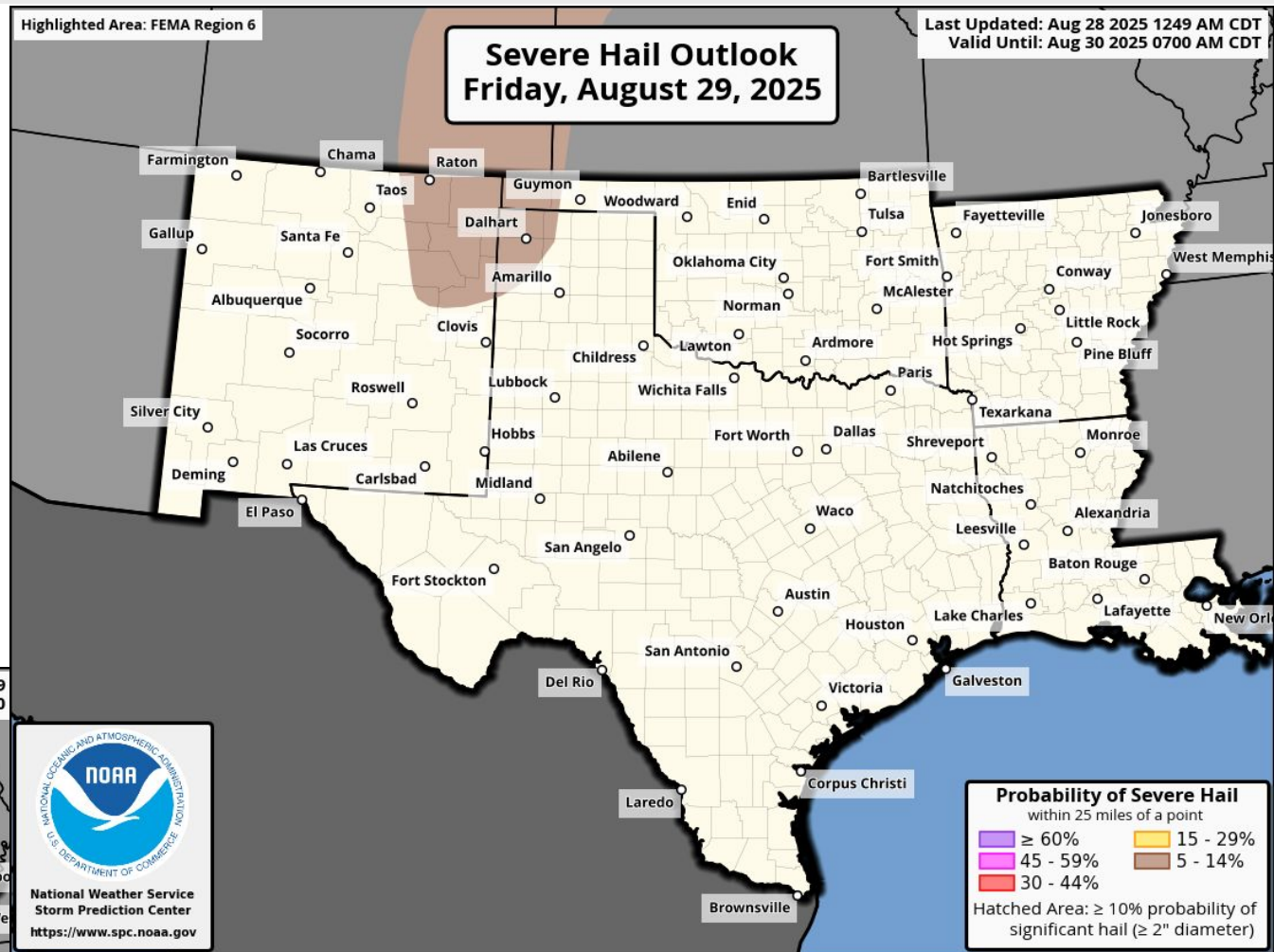
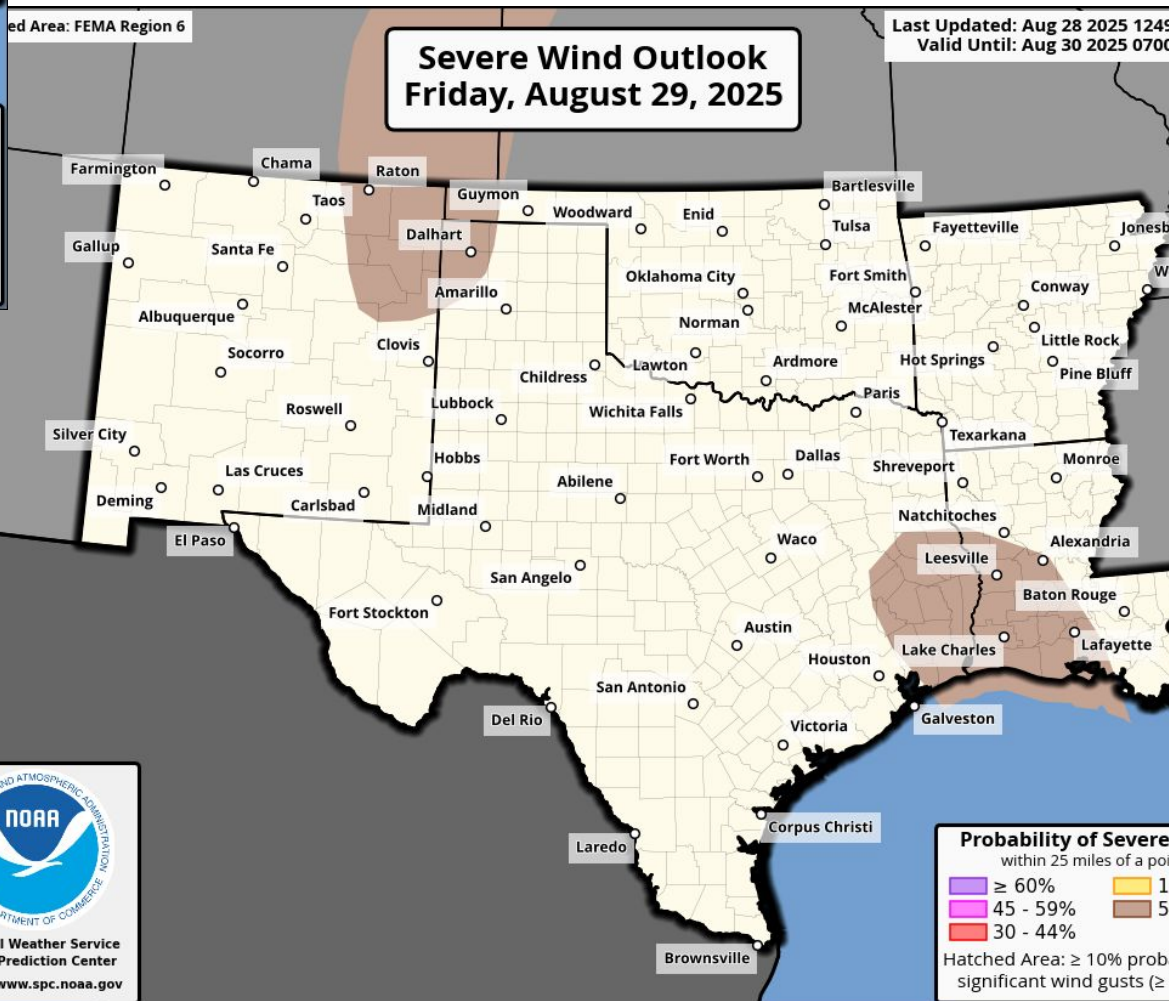
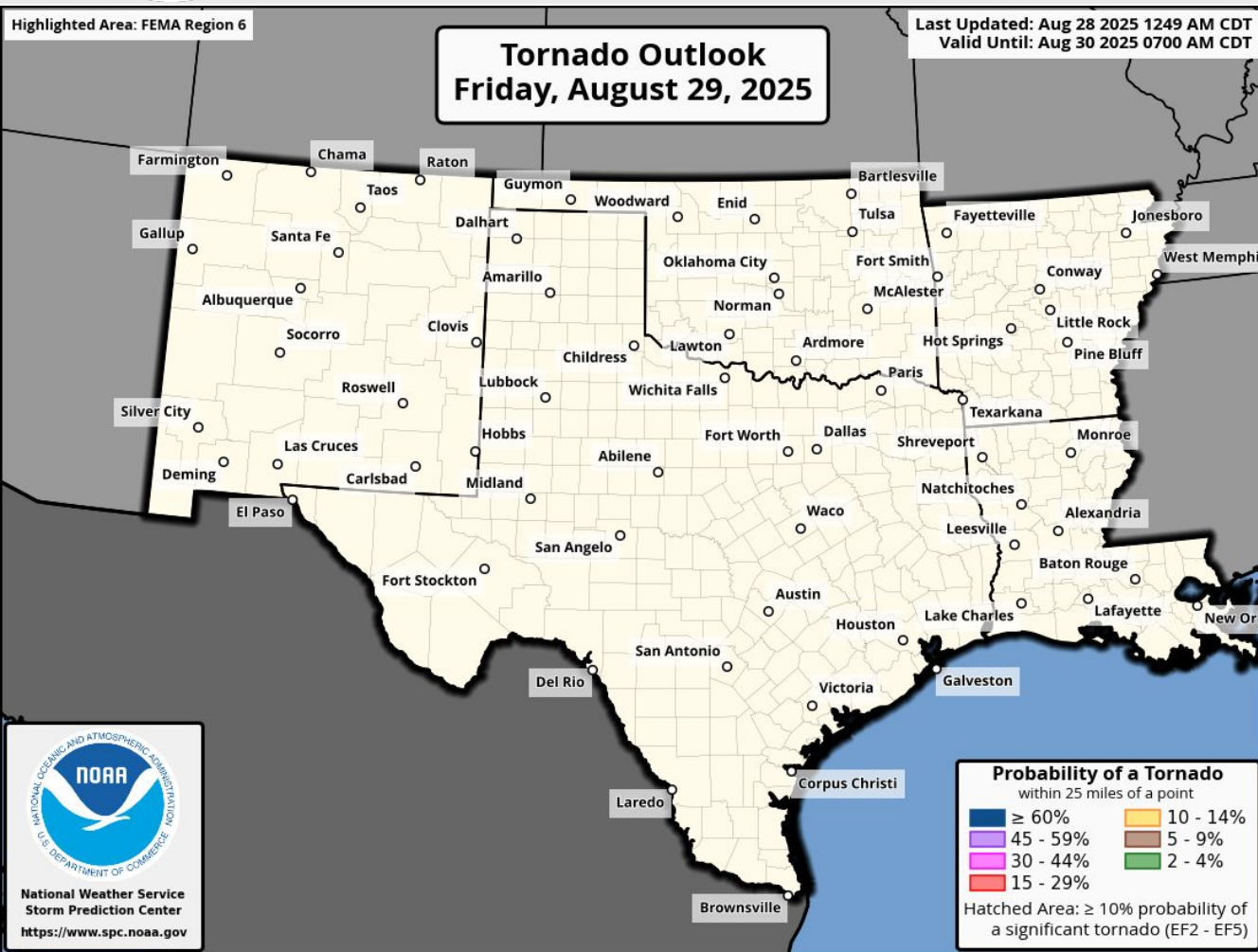
Marginal risk (level 1 of 5) for severe storms in NE NM, NW TX/OK Panhandles, SE TX, SW LA.



Burn Scar Flash Flooding information on Burn Scar Matrix slides



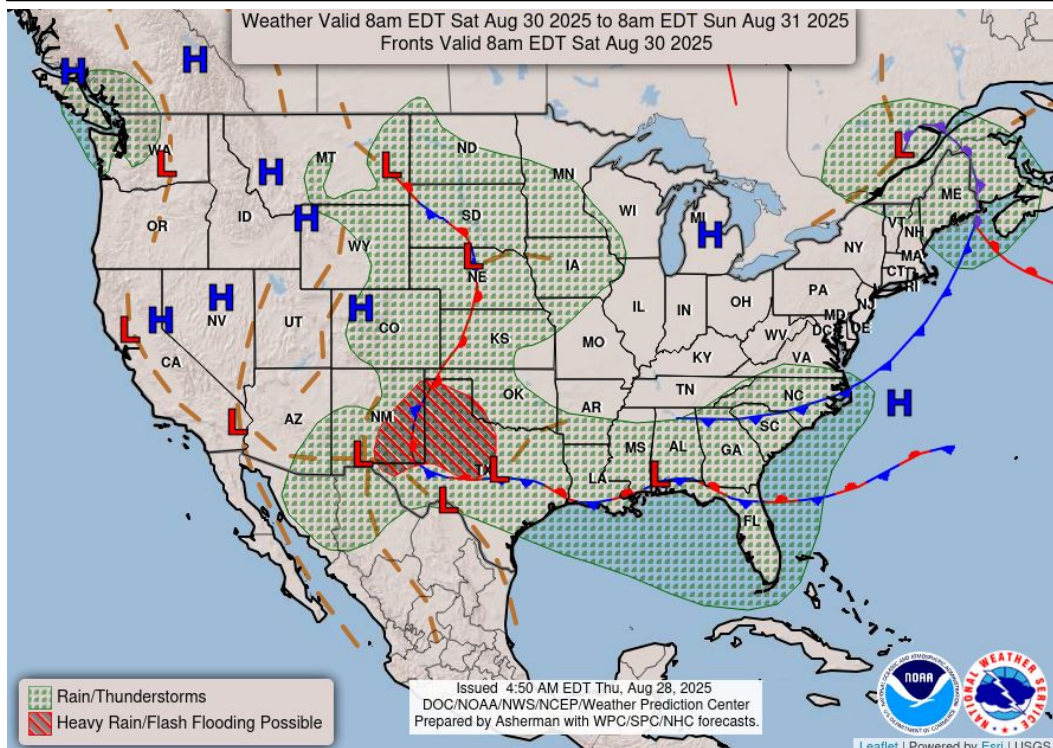
Tomorrow's Tornado & Severe Wind / Hail Probabilities



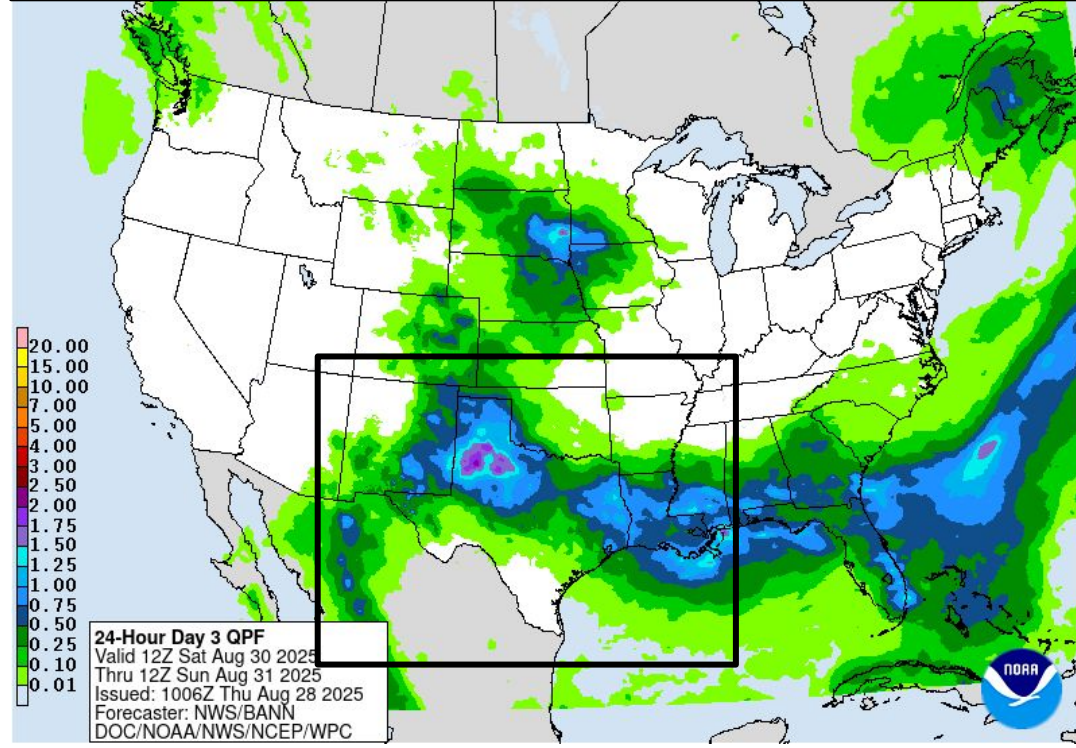


Saturday's Weather

Forecast Chart

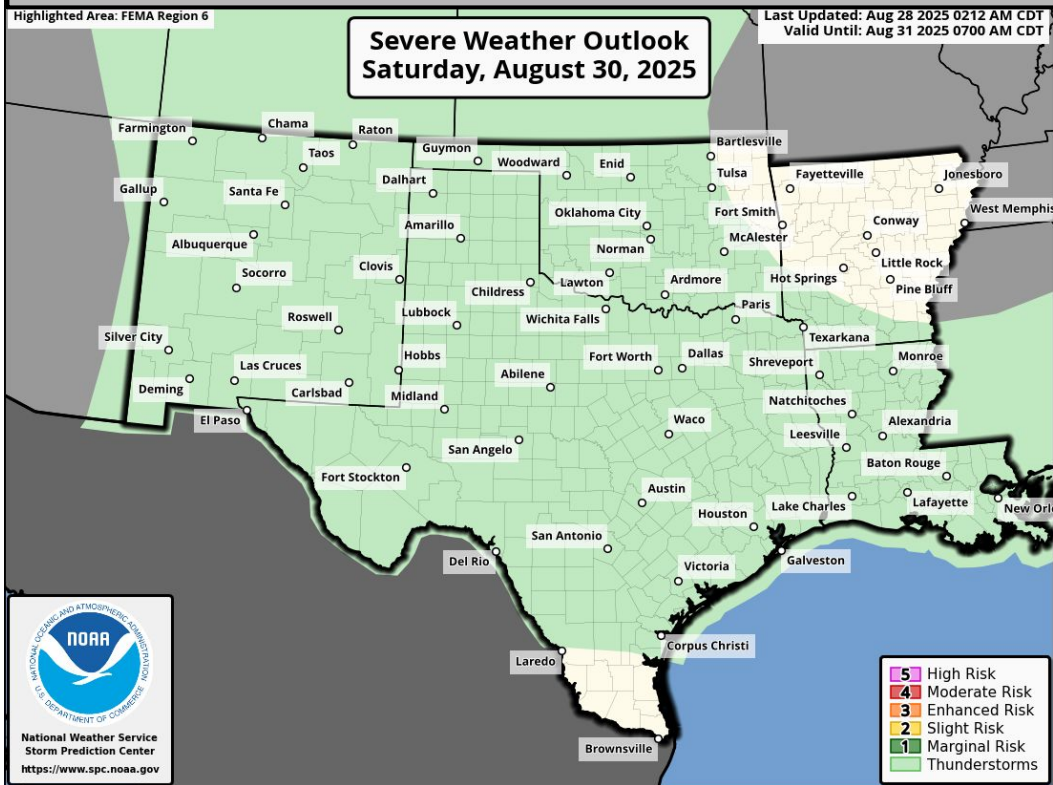


Forecast Rainfall

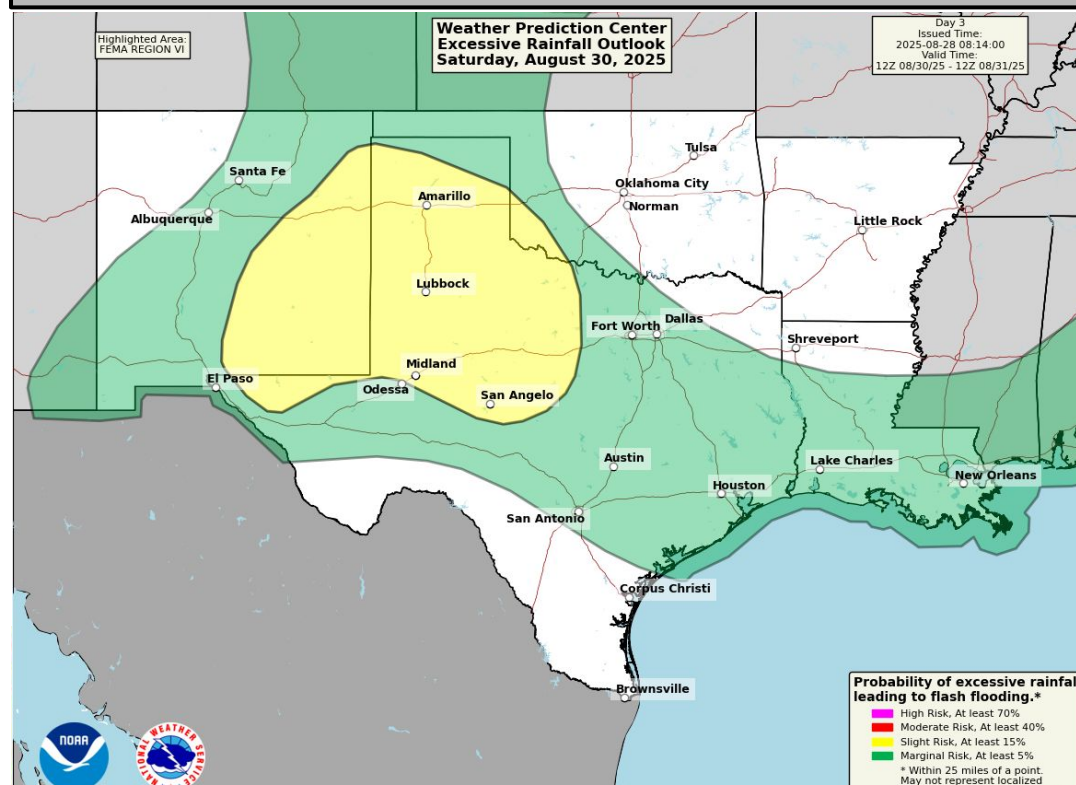


Slight risk (level 2 of 4) for flash flooding in E NM, TX Panhandle, WTX, SW OK.

Severe Weather Outlook



Excessive Rainfall Outlook

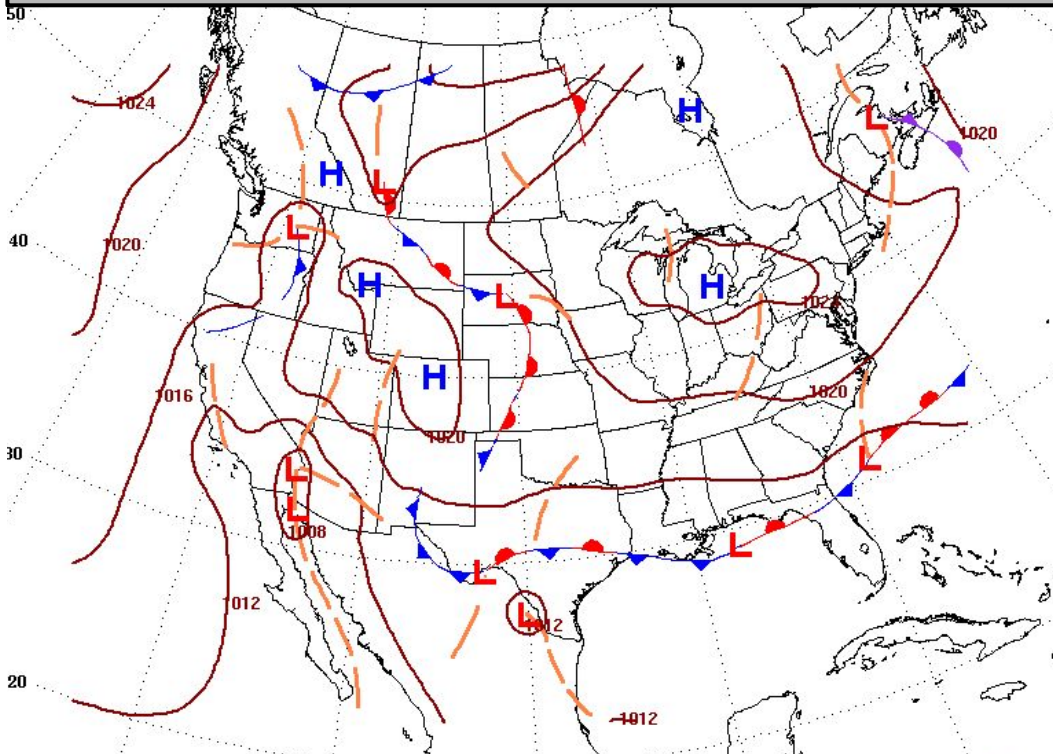


Burn Scar Flash Flooding information on Burn Scar Matrix slides

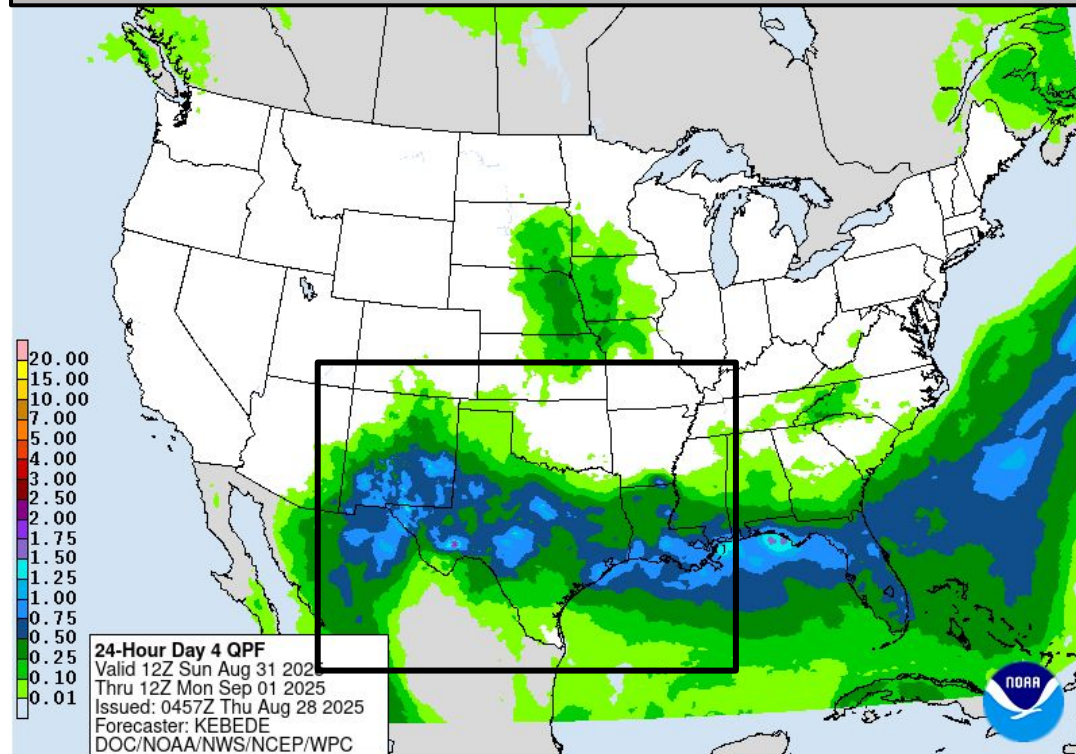


Sunday's Weather

Forecast Chart

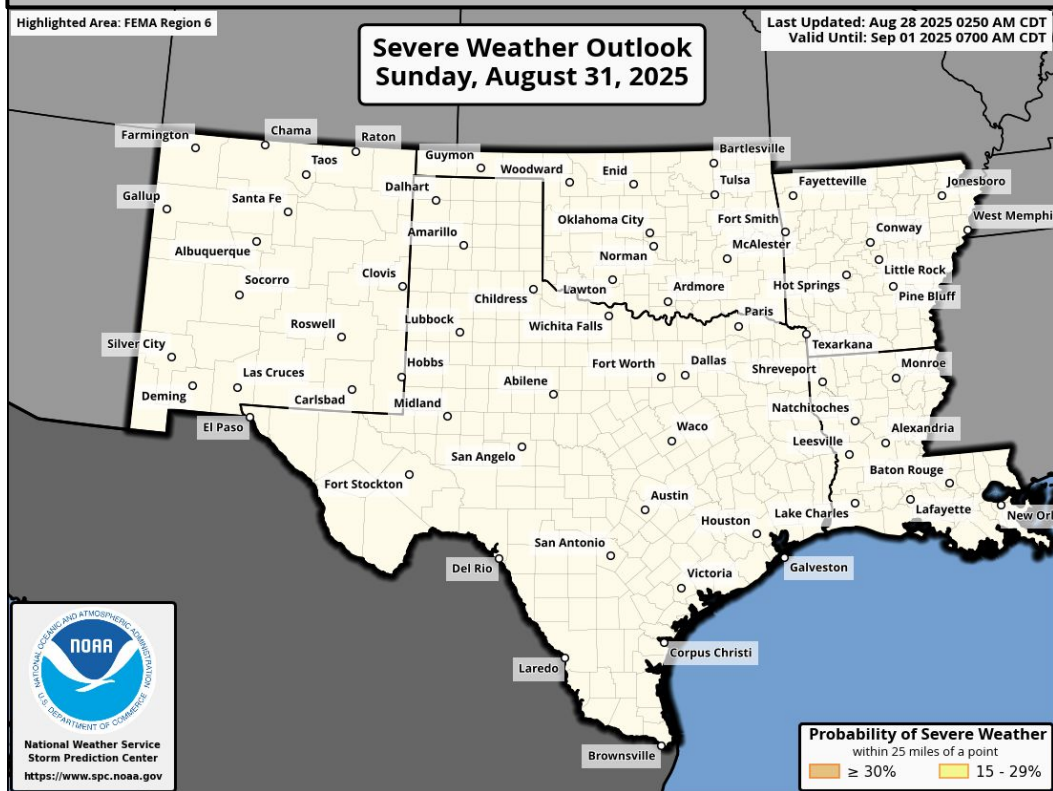


Forecast Rainfall

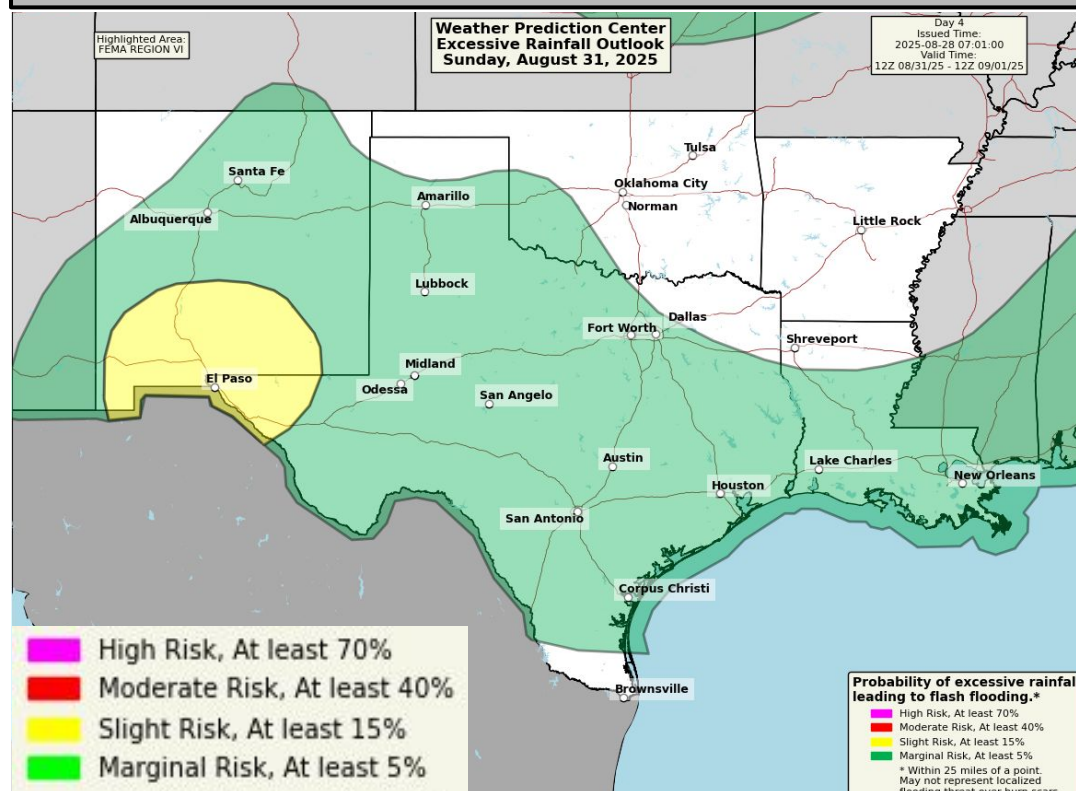


Slight risk (level 2 of 4) for flash flooding in S NM, Far W TX.

Severe Weather Outlook



Excessive Rainfall Outlook

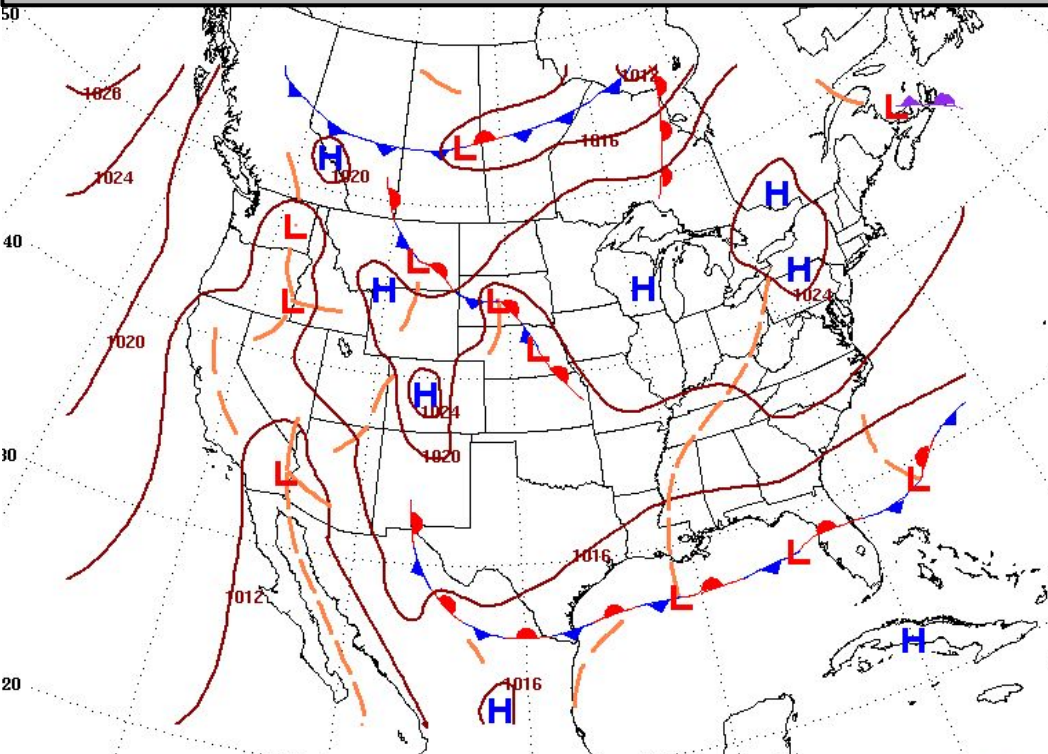


Burn Scar Flash Flooding information on Burn Scar Matrix slides

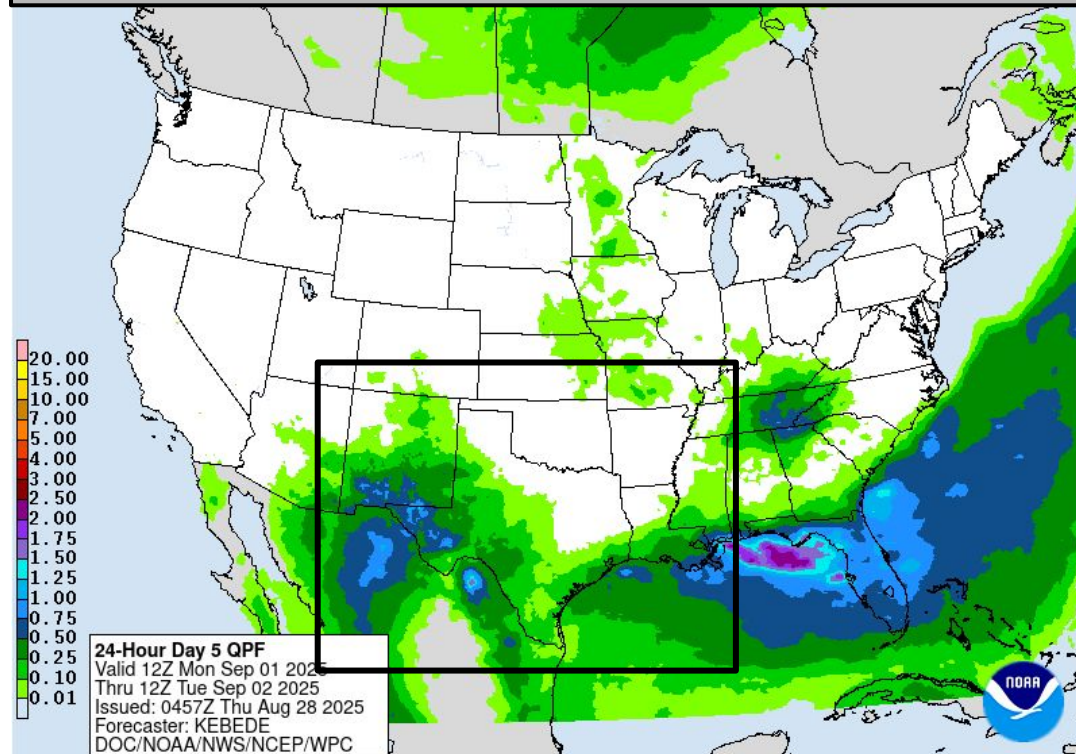


Monday's Weather

Forecast Chart

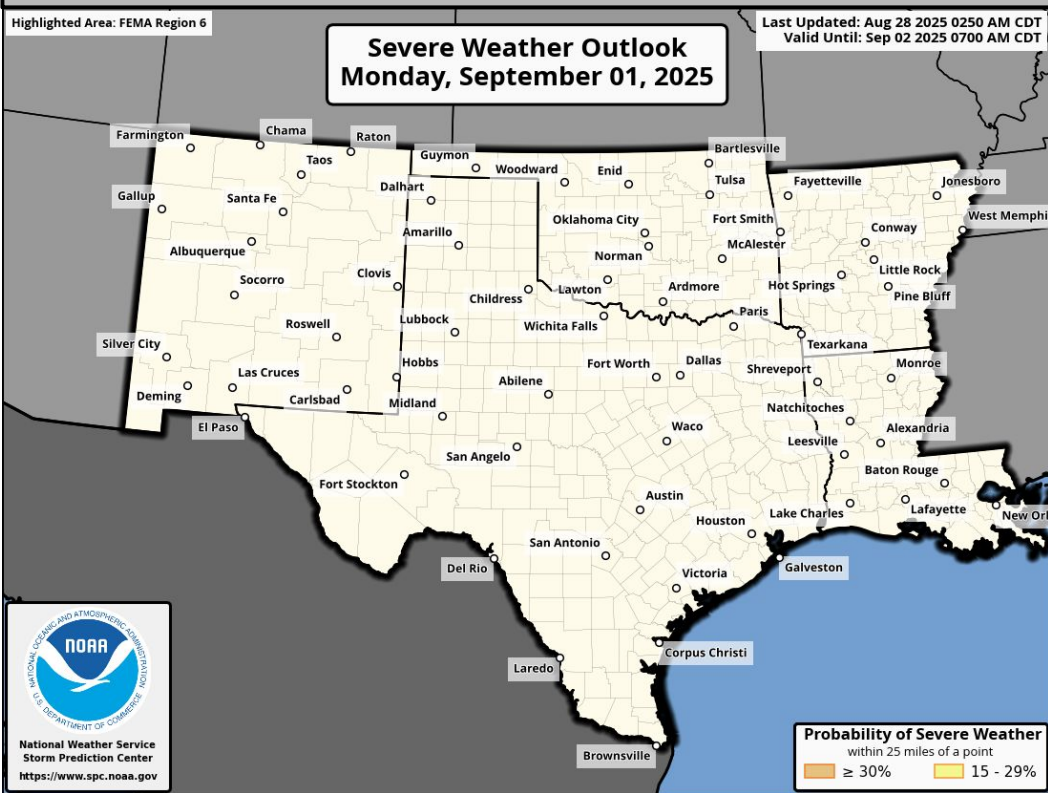


Forecast Rainfall

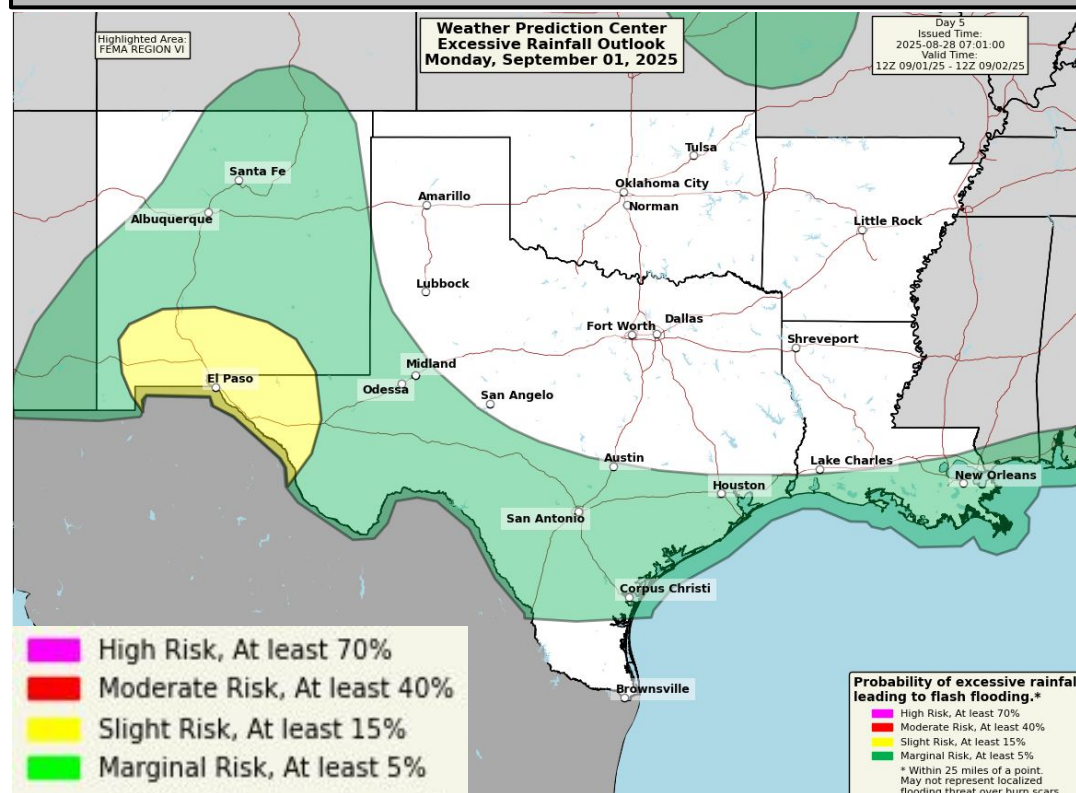


Slight risk (level 2 of 4) for flash flooding in S NM, Far W TX.

Severe Weather Outlook



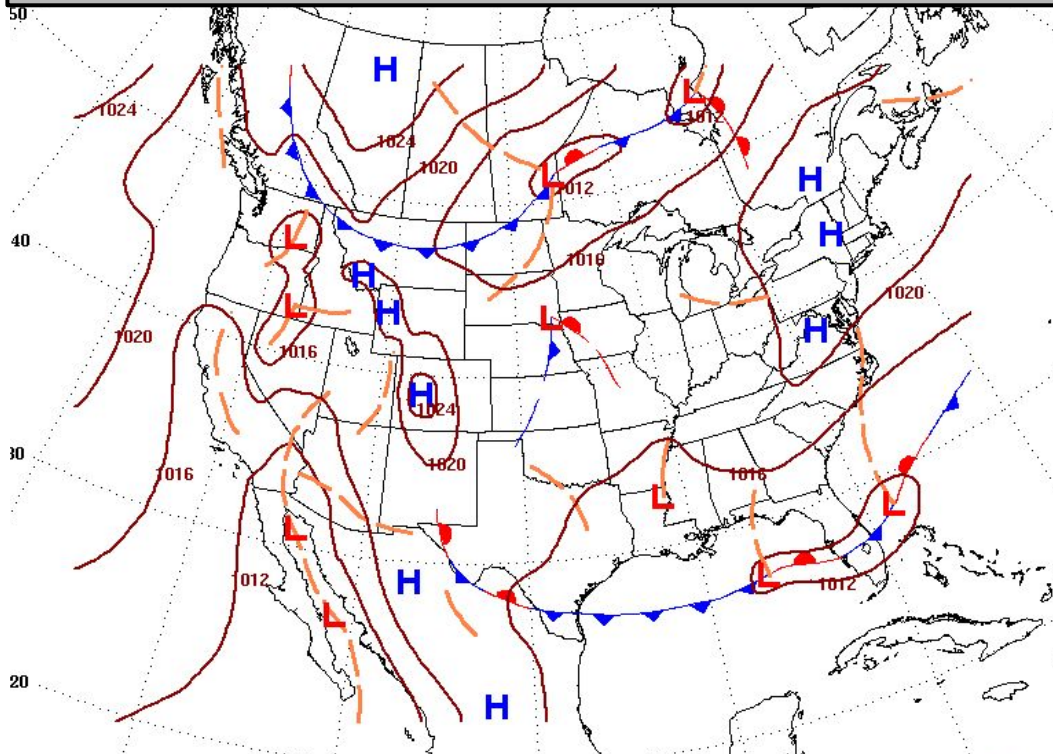
Excessive Rainfall Outlook



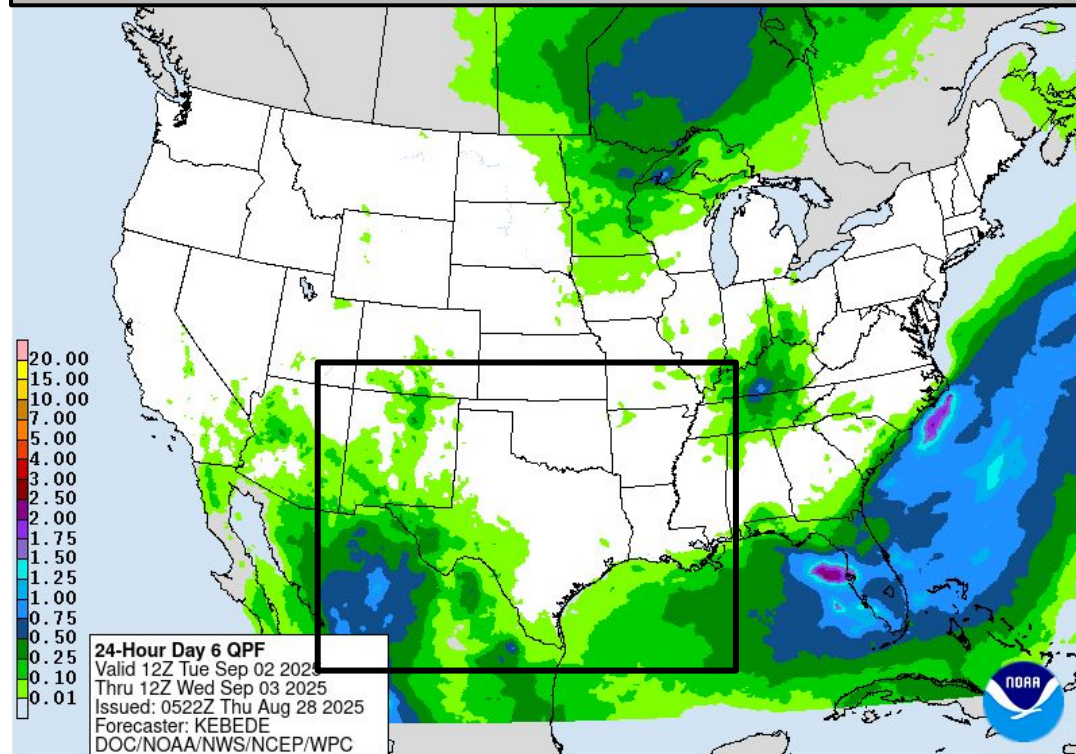


Tuesday's Weather

Forecast Chart

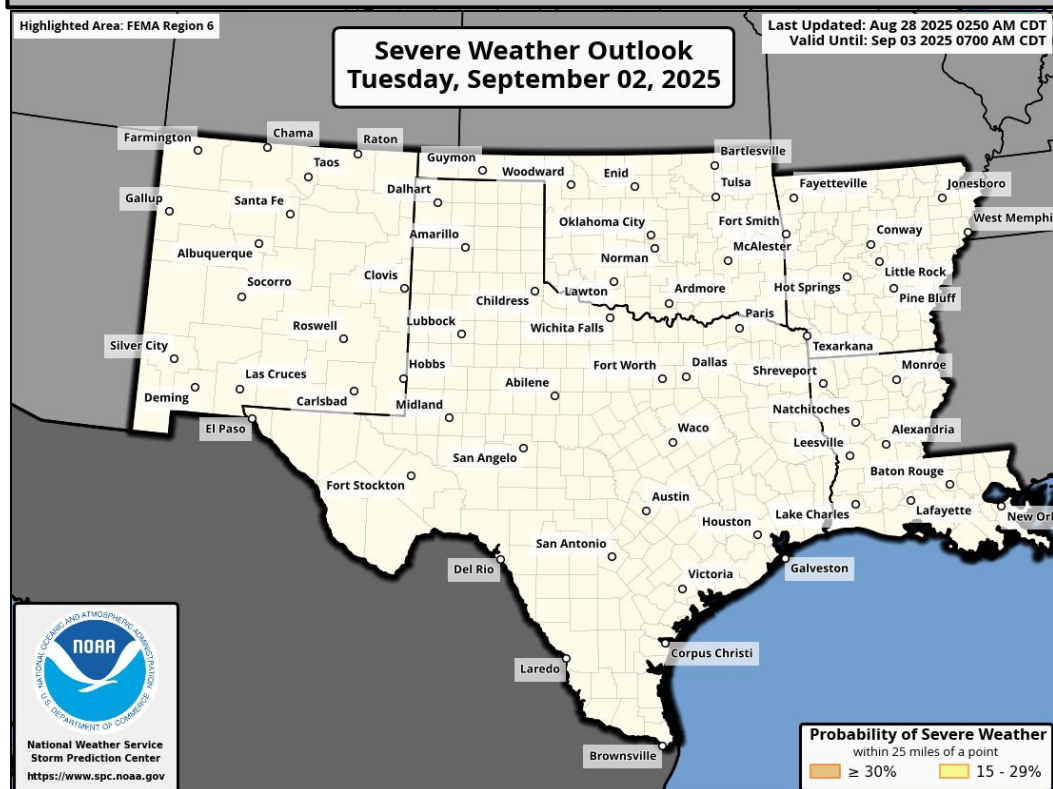


Forecast Rainfall



No significant weather expected.

Severe Weather Outlook

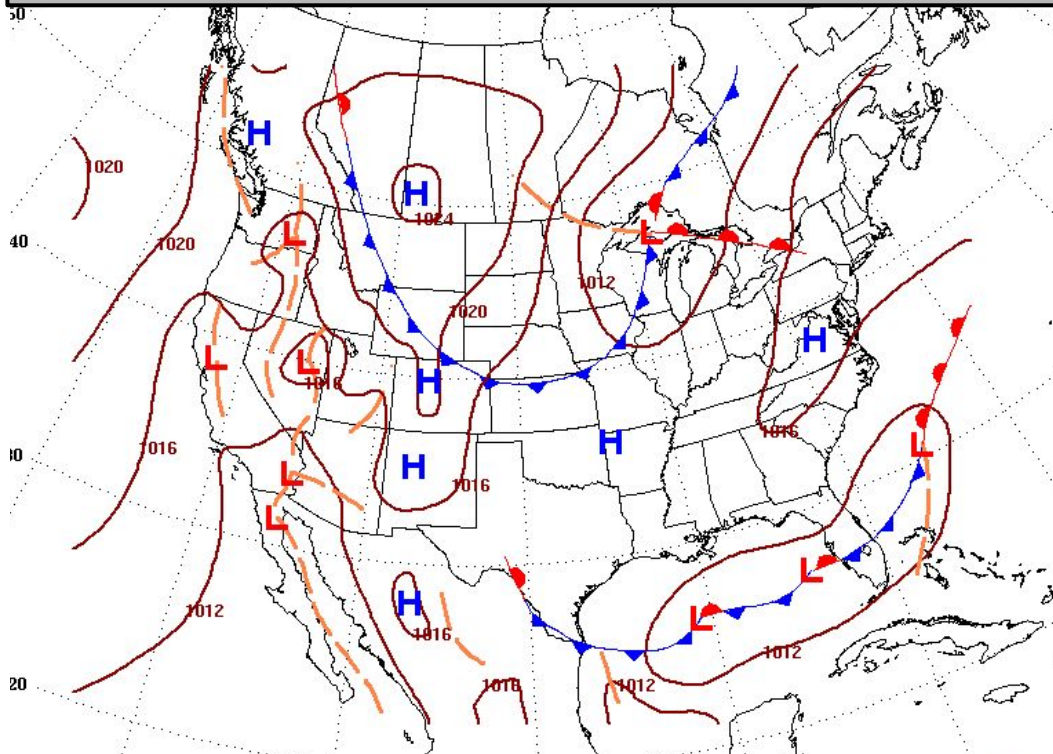


Excessive Rainfall Outlooks not available beyond Day 5

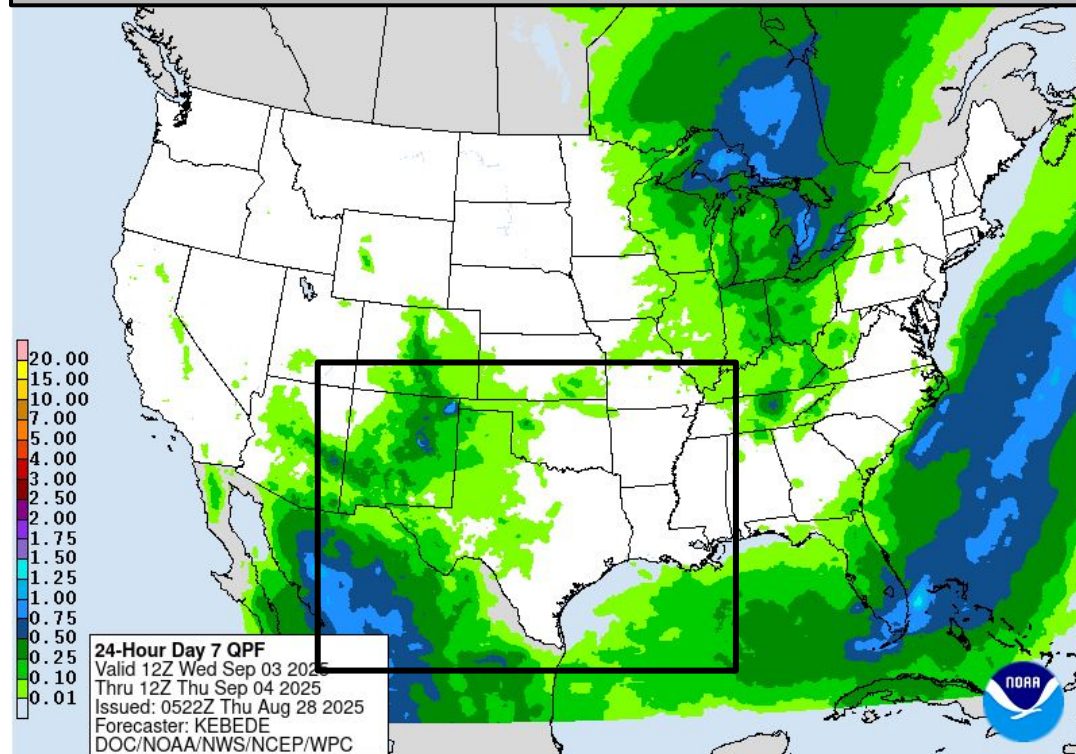


Wednesday's Weather

Forecast Chart

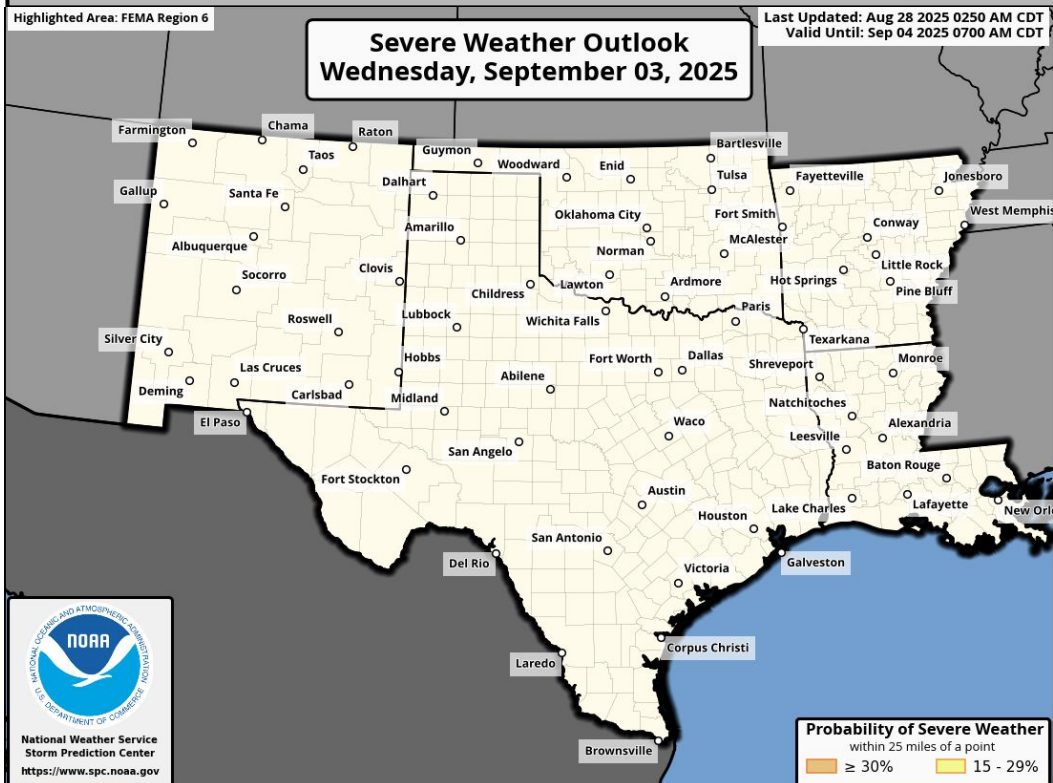


Forecast Rainfall



No significant weather expected.

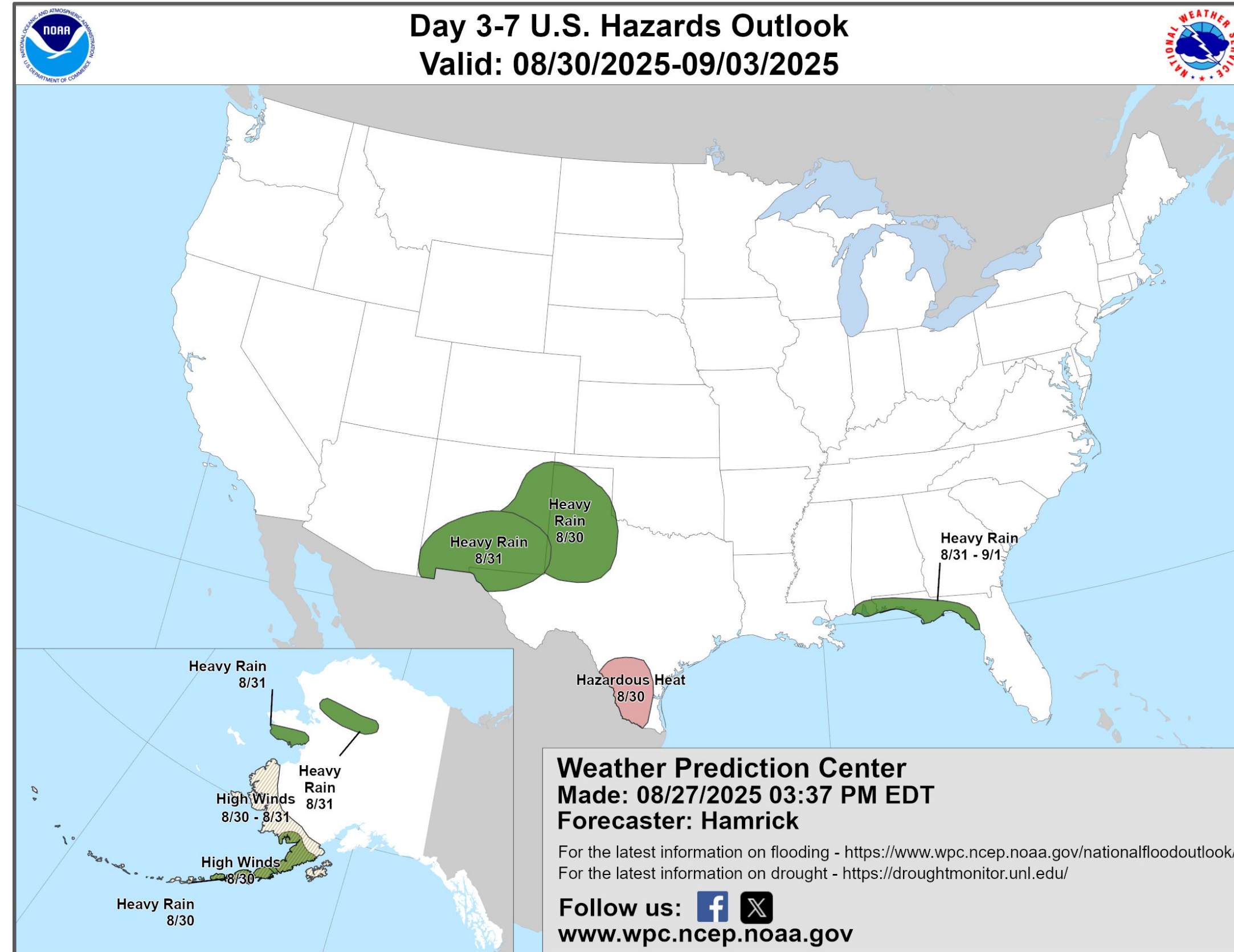
Severe Weather Outlook



Excessive Rainfall Outlooks not available beyond Day 5



“Day 3-7” Hazards Outlook



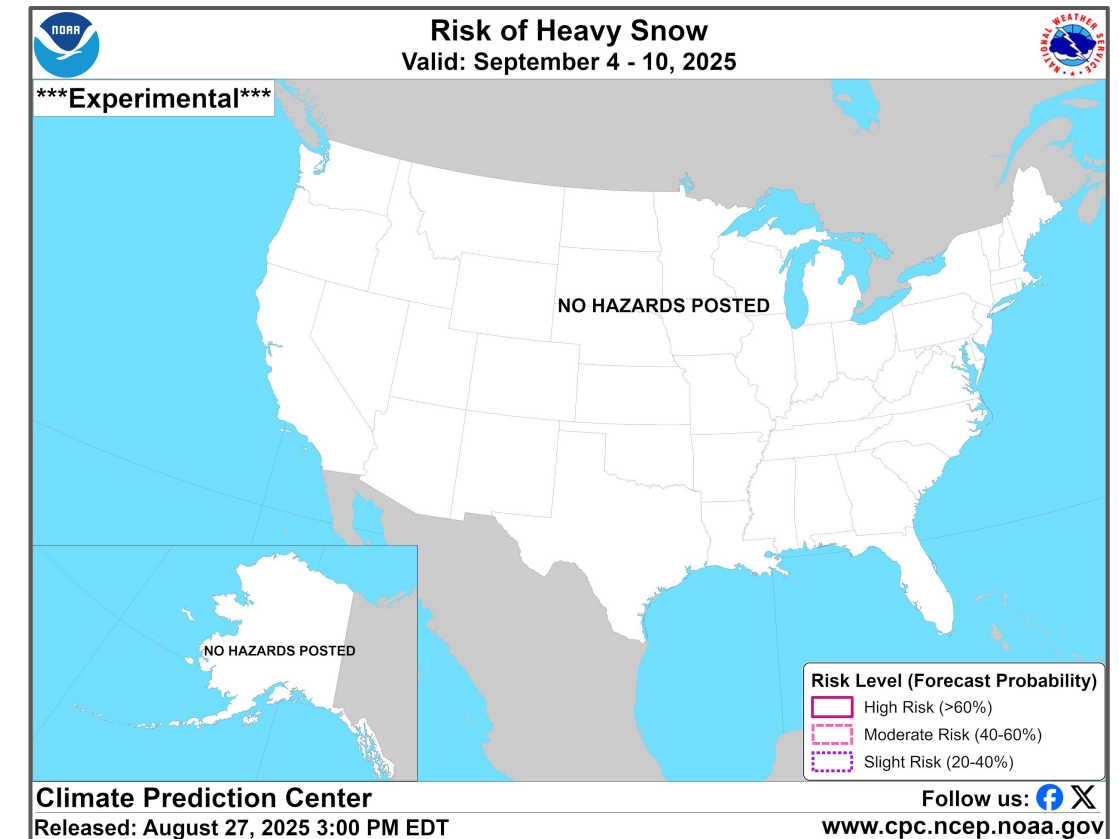
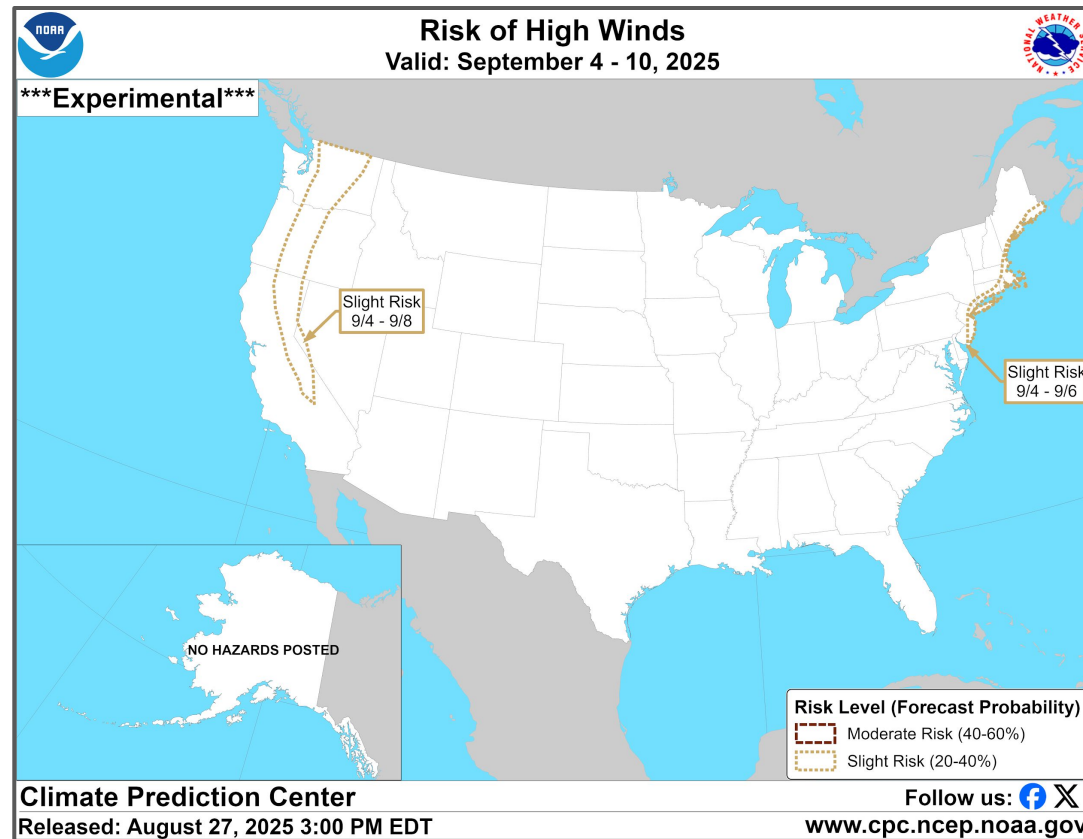
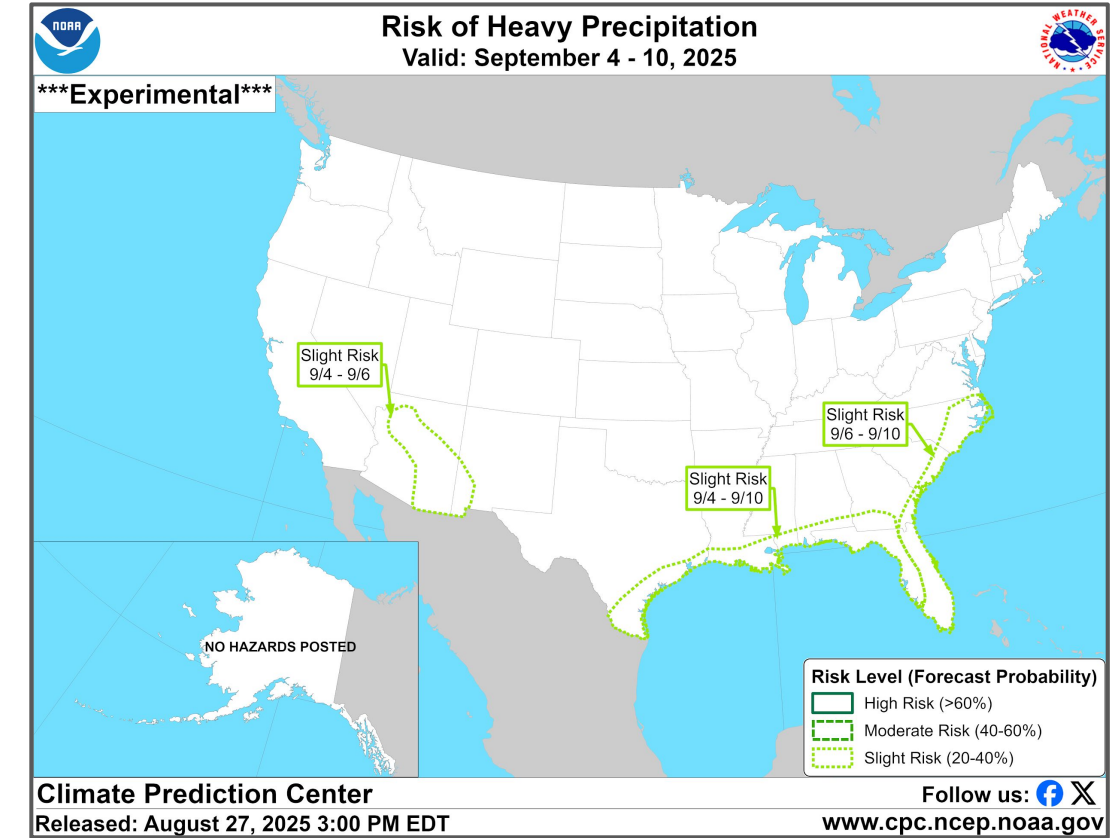
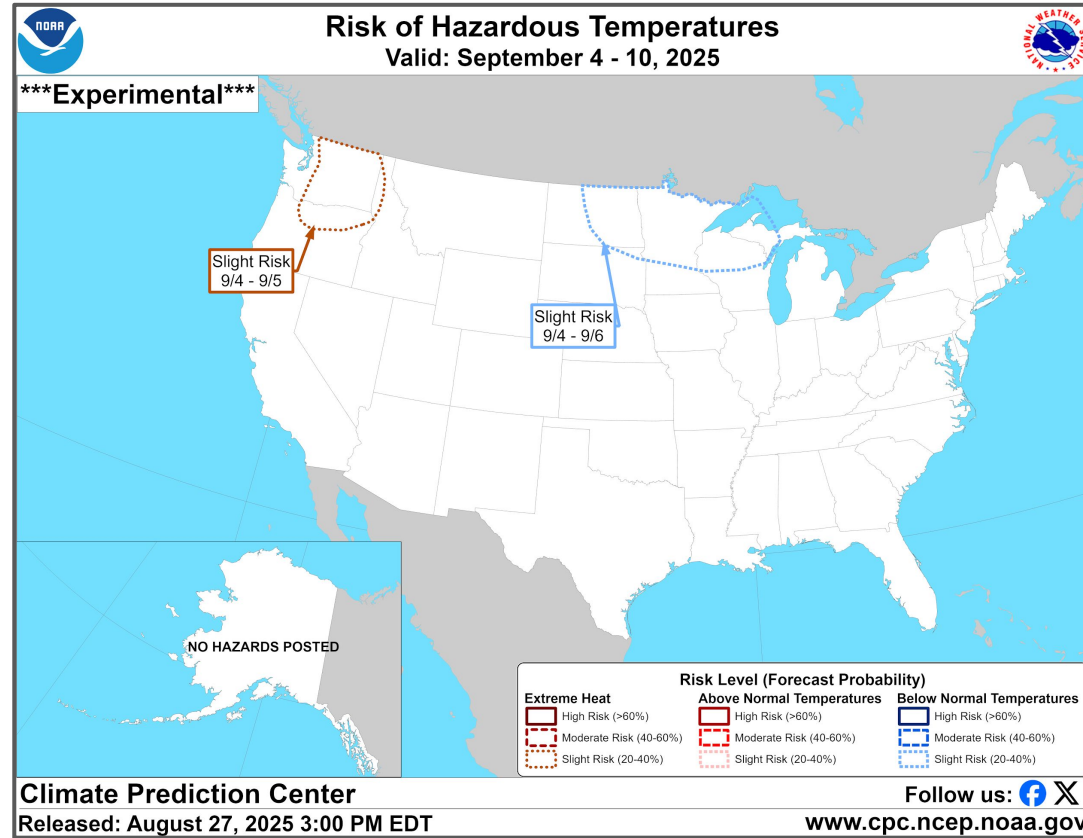
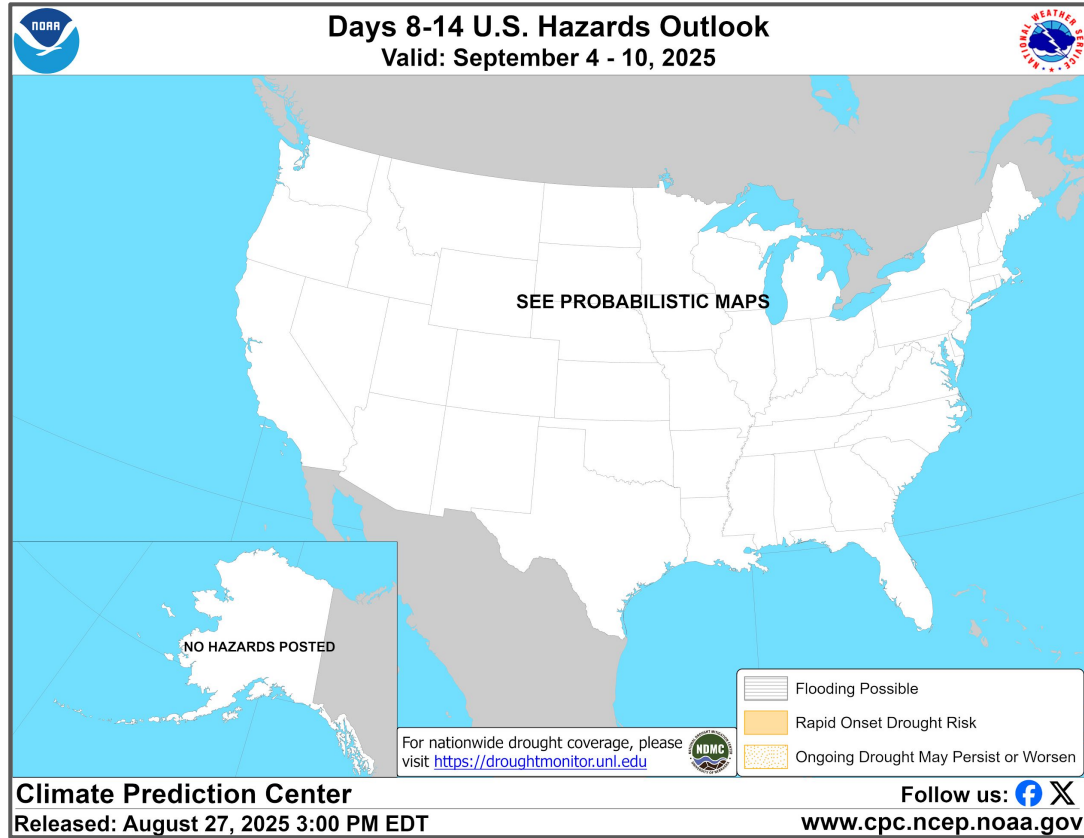
NOTE: These outlooks are issued in the afternoon and only issued on weekdays. Because of that and the fact that these slides are issued in the mornings:

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://www.wpc.ncep.noaa.gov/threats/threats.php>



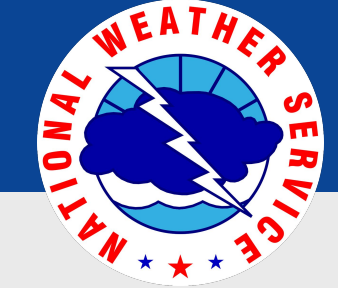
“Day 8-14” Hazards Outlook



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:

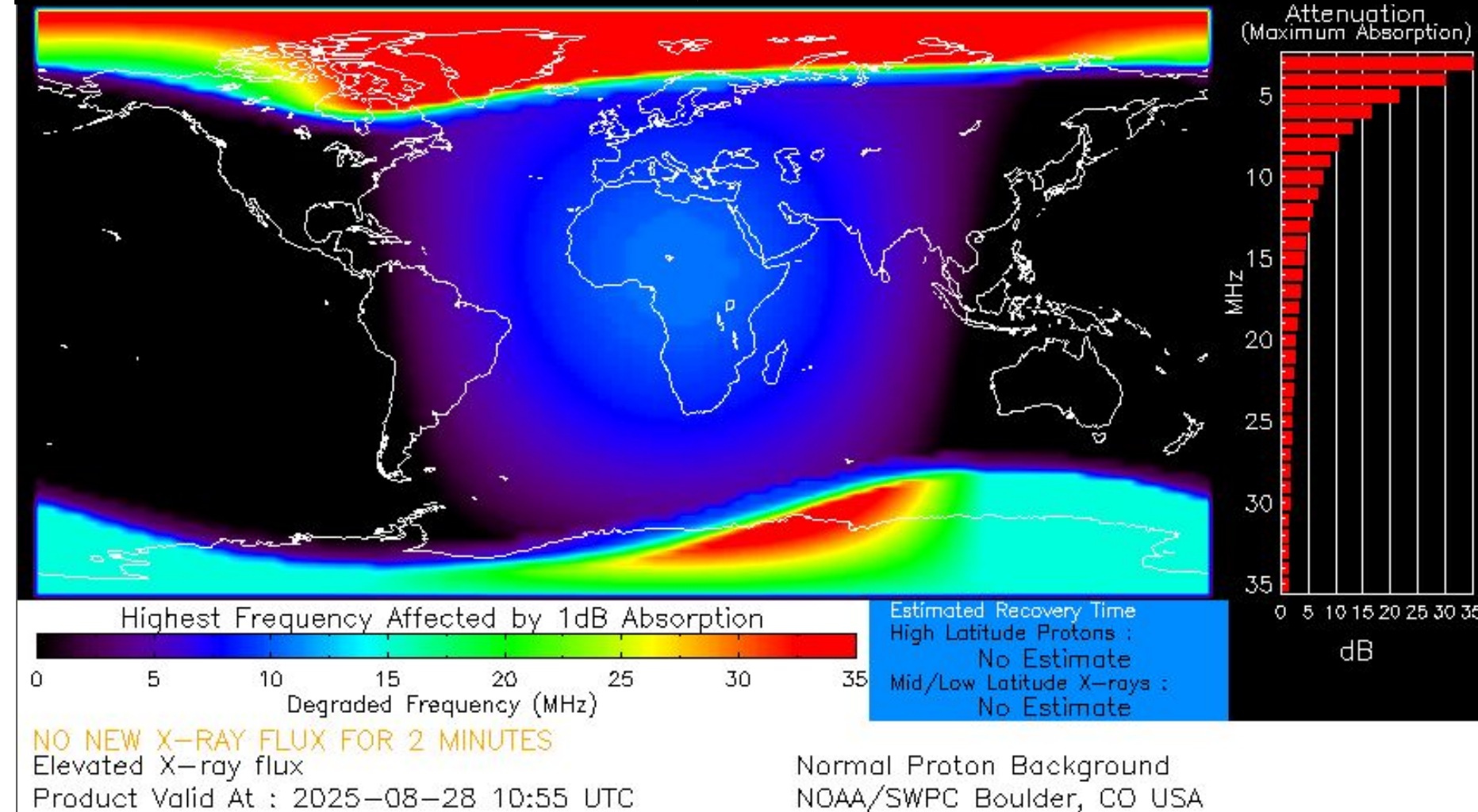
1. The “day 8-14” will really be days 7-13
2. This slide will be hidden on Mondays and Sundays so the data/information is not too old

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



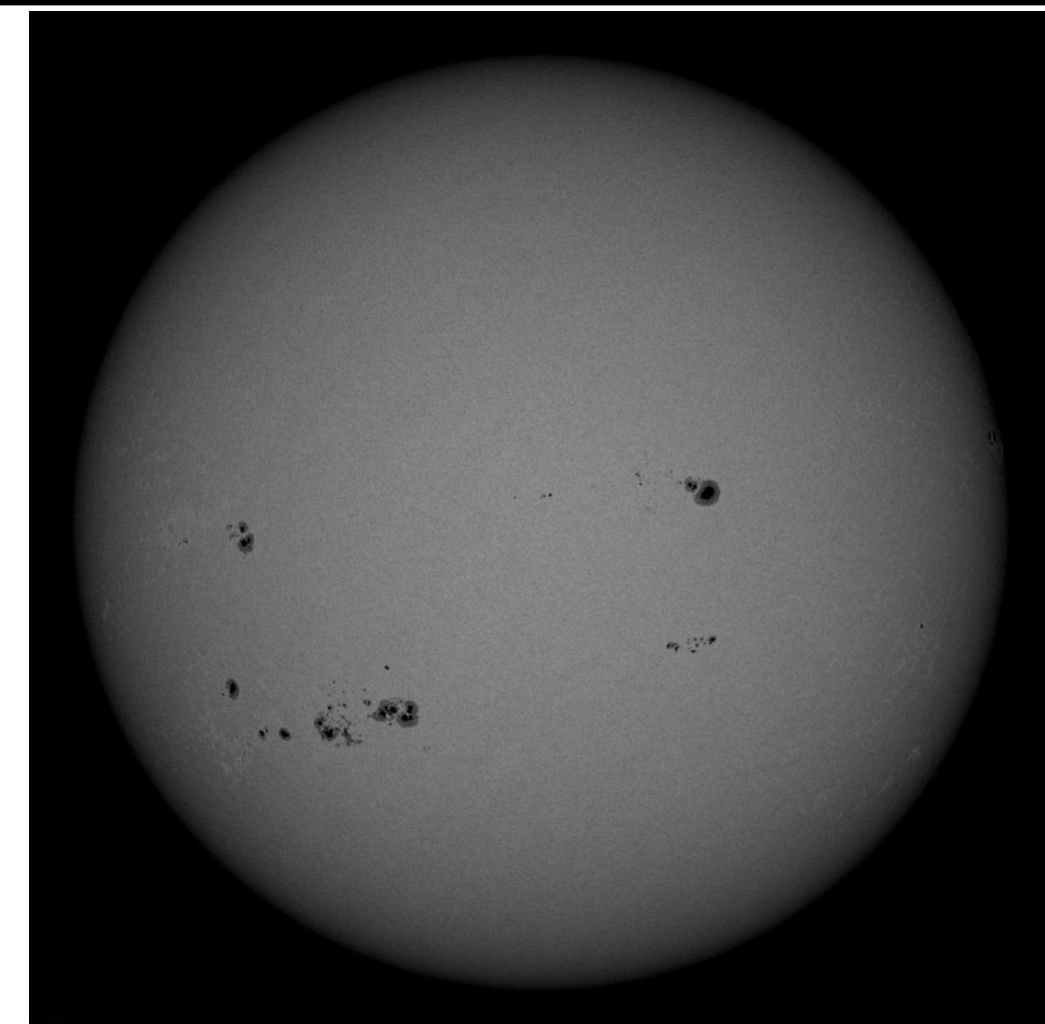
Space Weather 3-Day Forecast

	Thursday, Aug 28	Friday, Aug 29	Saturday, Aug 30
Geomagnetic Storms	Unsettled (Max Kp = 3)	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	50%	10%	10%
Radio Blackout (R1-R2)	60%	65%	65%
Radio Blackout (R3-R5)	10%	15%	15%



[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;">Little to None</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"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as seabreeze storms in coastal TX
Yellow	<p style="text-align: center;">Minor</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"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail
Orange	<p style="text-align: center;">Moderate</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"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	<p style="text-align: center;">Major</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"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	<p style="text-align: center;">Extreme</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"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to sr-srh.roc@noaa.gov



National Weather Service

Southern Region Headquarters

Regional Operations Center

Fort Worth, TX



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E-mail: sr-srh.roc@noaa.gov



X: NWSSouthern



Web: www.weather.gov/srh

