



# FEMA



Prepared by  
*Melissa Beat*

# FEMA Region 6 Weather Threat Briefing

Saturday, August 23, 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

- **Flash Flooding:**

- **Slight risk (level 2 of 4) for N NM, N OK and the TX Panhandle today through Tuesday with another burst of heavy rain mid to late week for OK into the ArkLaTex area.**
- **NM Burn Scars: Major risk (level 3 of 4) for the HPCC complex through at least midweek and spreading south by Tuesday. Rain rates this weekend are 1"/hr but will increase to up to 2" starting Monday.**

- **Tropical:**

- **Two disturbances in the Atlantic are not expected to bring impacts to FEMA 6 in the next 7 days.**





# FEMA Region 6 Threat Matrix

Next 7 days

	Saturday, Aug 23	Sunday, Aug 24	Monday, Aug 25	Tuesday, Aug 26	Wednesday, Aug 27	Thursday, Aug 28	Friday, Aug 29
Severe Storms	NE NM, W OK Panhandle						
Heavy Rain / Flash Flooding	N NM	N NM, N OK and TX Panhandle	NE NM, OK, TX Panhandle	NE NM, TX Panhandle	NM, Far W TX, N OK	OK, NW AR	SE OK, AR, NE TX, N LA
Burn Scars	N NM	N NM	N NM	NM			
Tropical							
Heat							
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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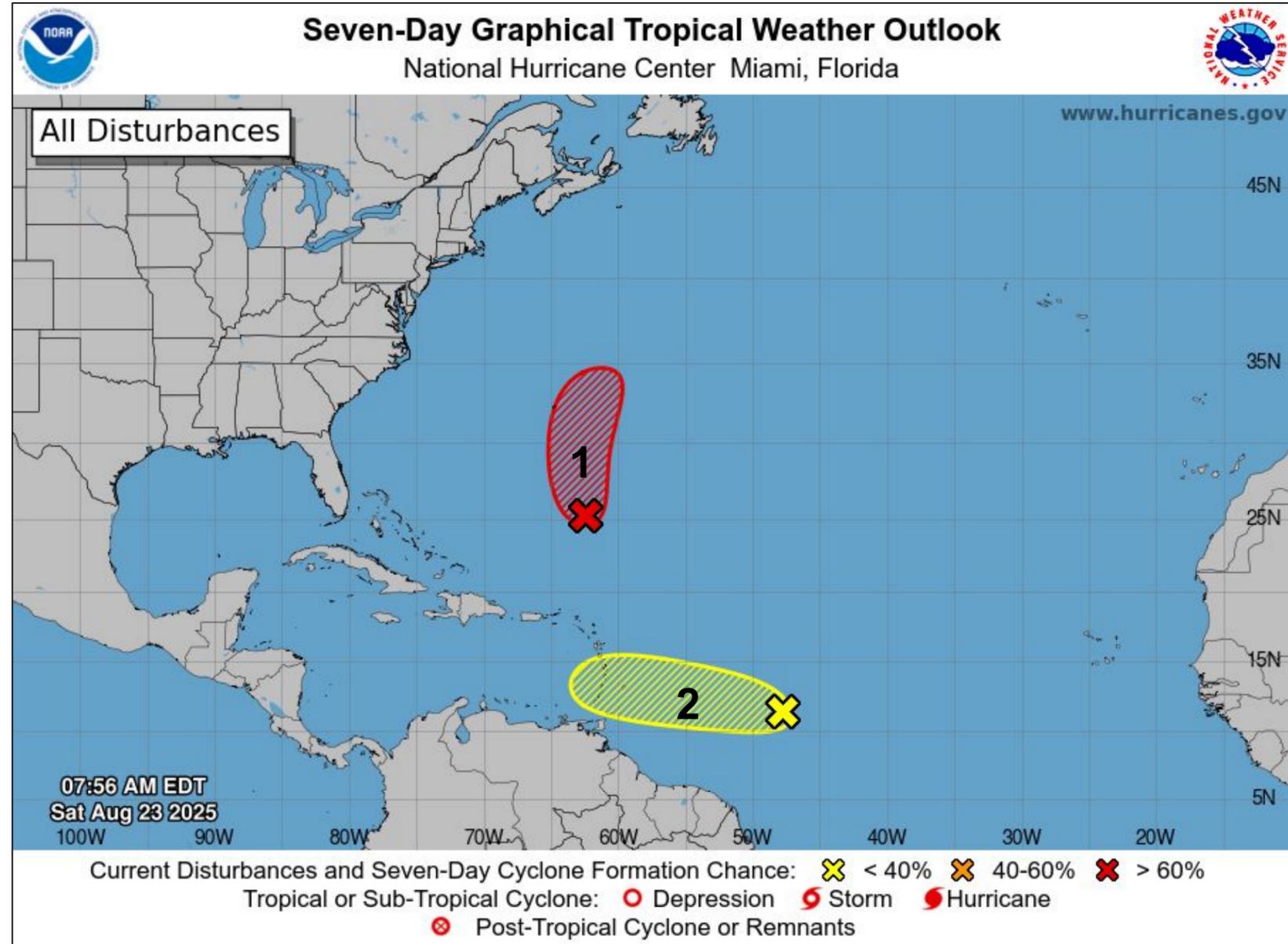
# Tropical Weather Outlook – Atlantic/Gulf

## Areas of Possible Development

Area	Chance of Development	Potential Impacts to FEMA 6
1	High (100%)	None in the next 7 days
2	Low (20%)	None in the next 7 days

## Active Tropical Cyclones

Storm	Potential Impacts to FEMA 6



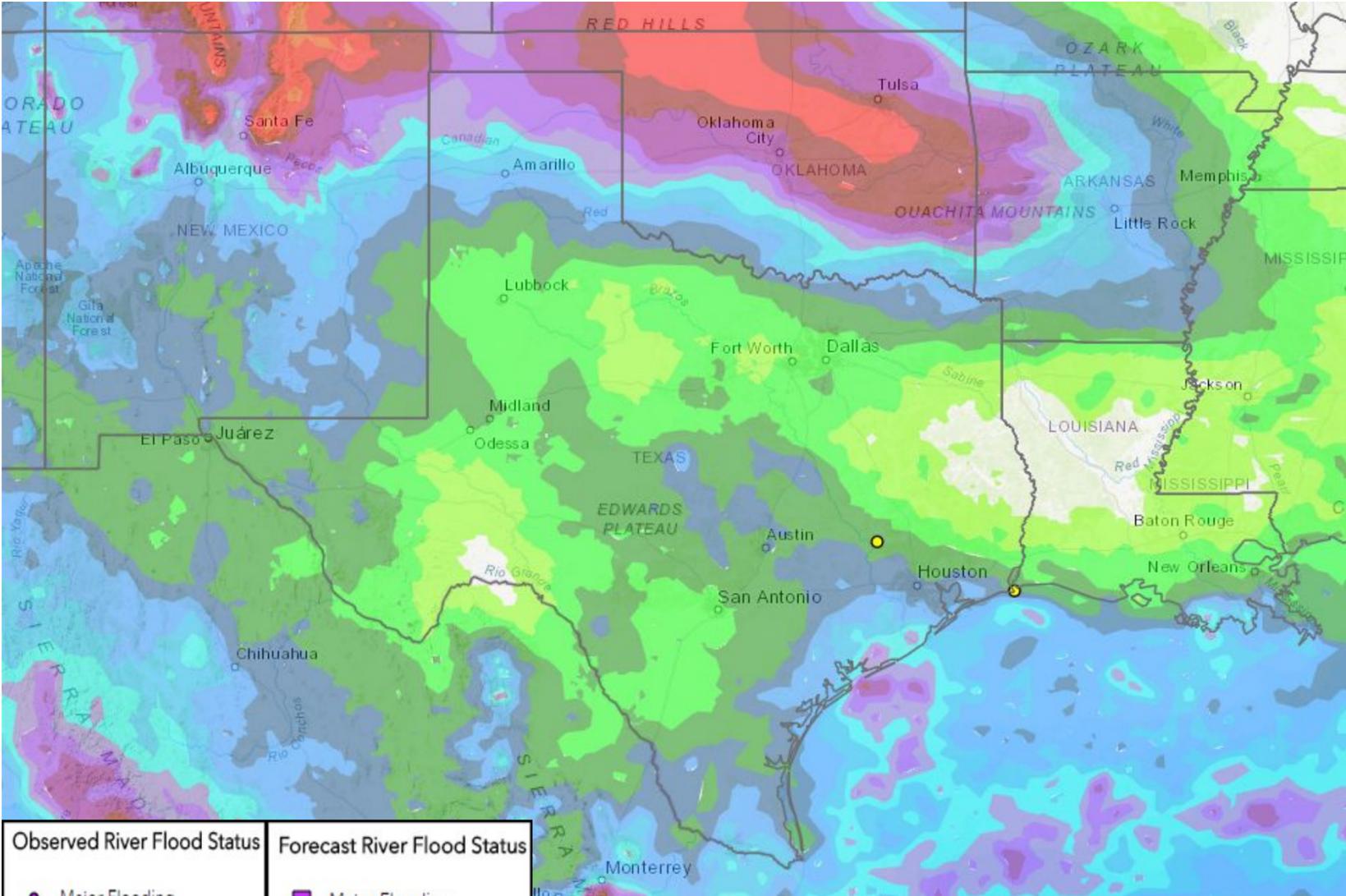
See <http://www.hurricanes.gov> for the latest on the tropics or any active storms





# 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



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

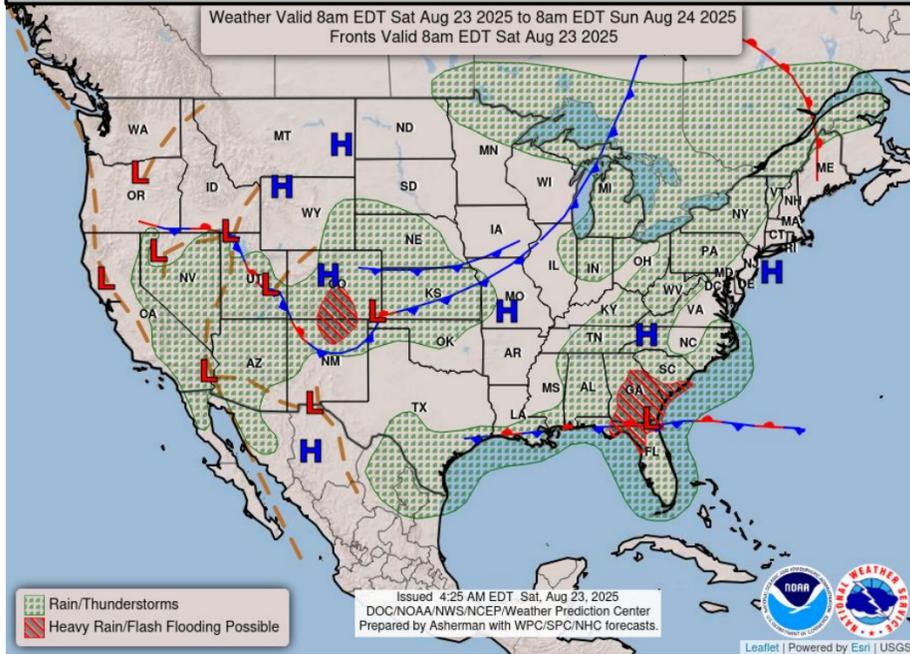
**No significant river flooding.**

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.

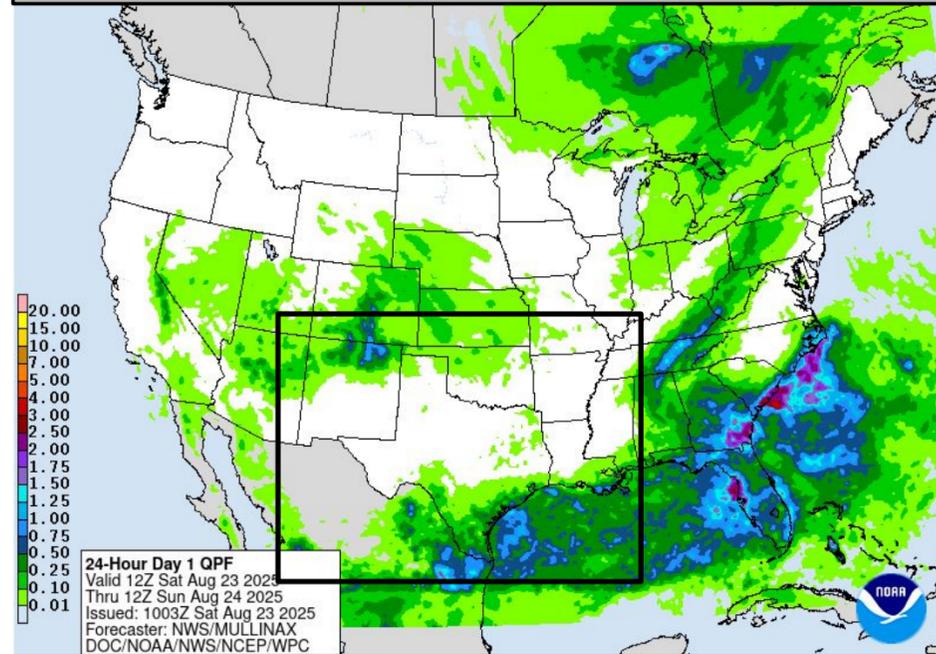


# Today's Weather

## Forecast Chart

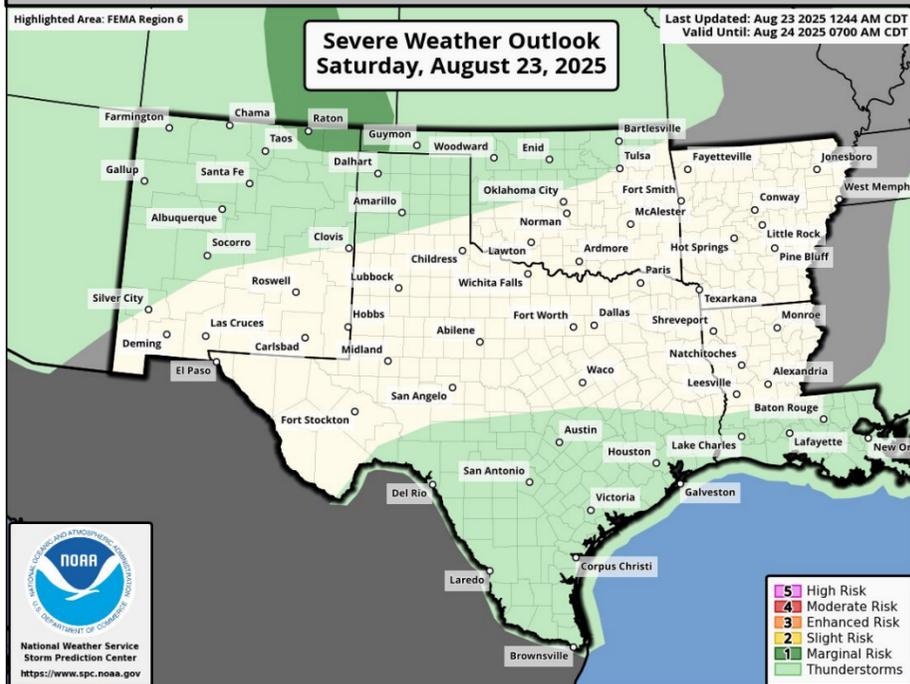


## Forecast Rainfall

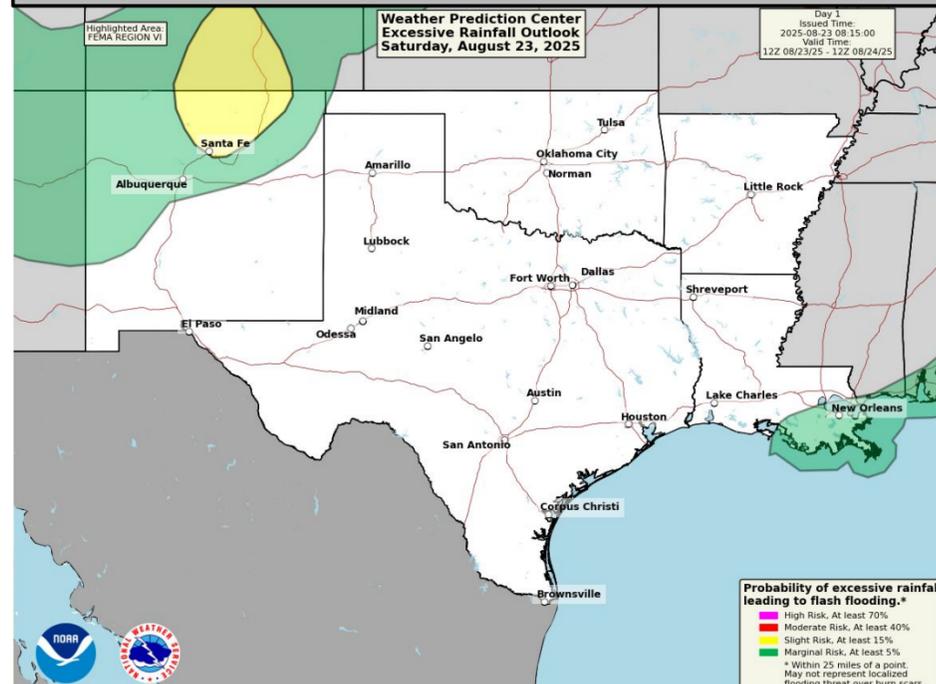


**Slight risk (level 2 of 4) for flash flooding in N NM.**

## Severe Weather Outlook



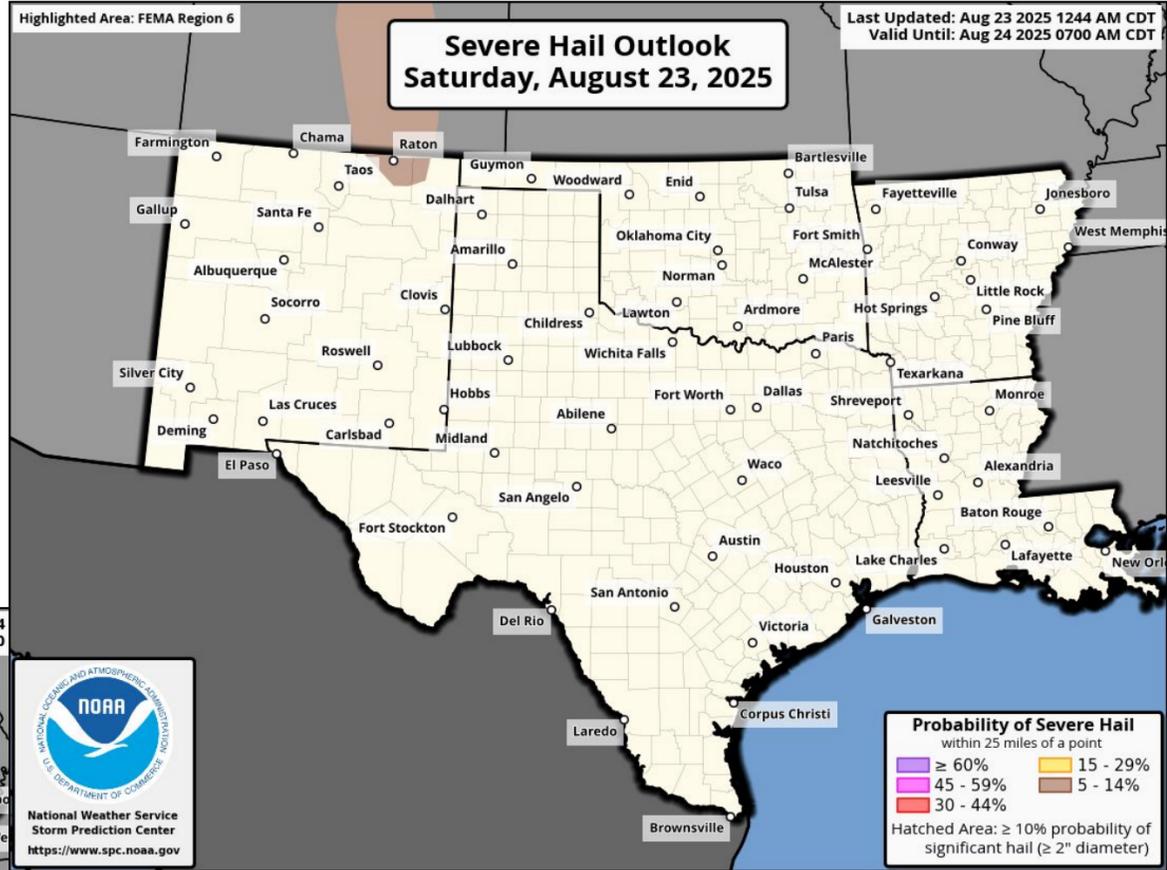
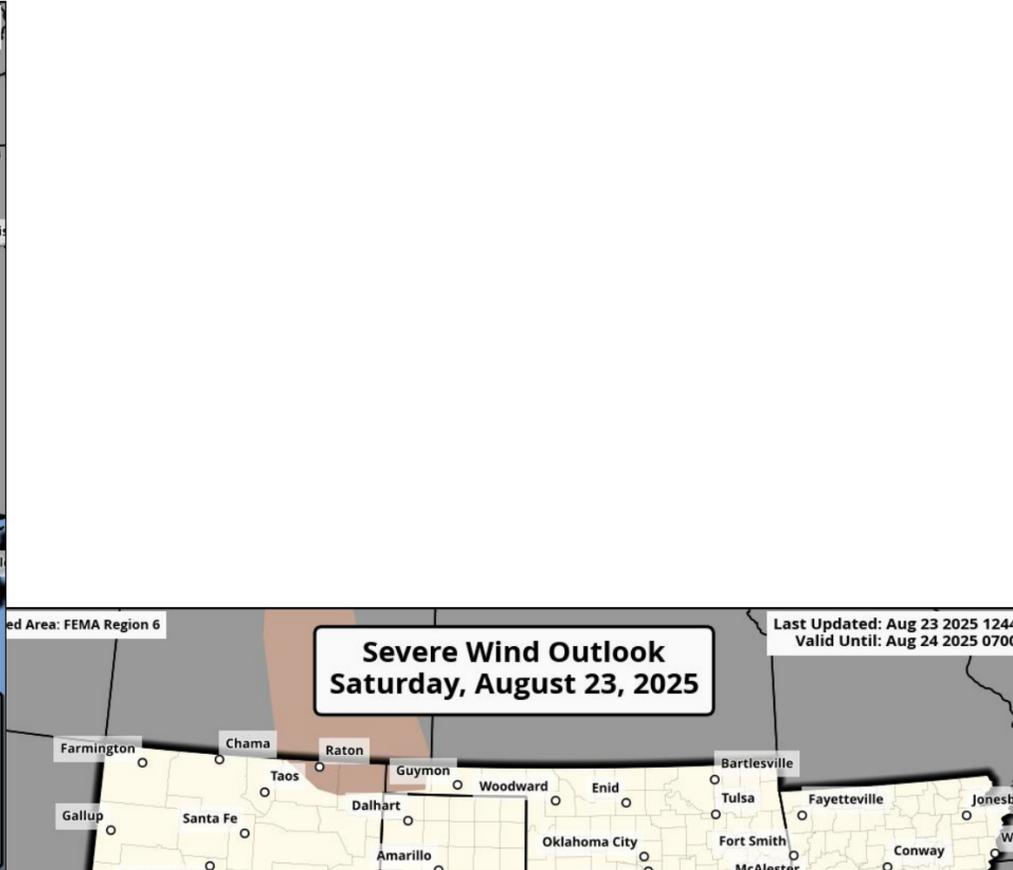
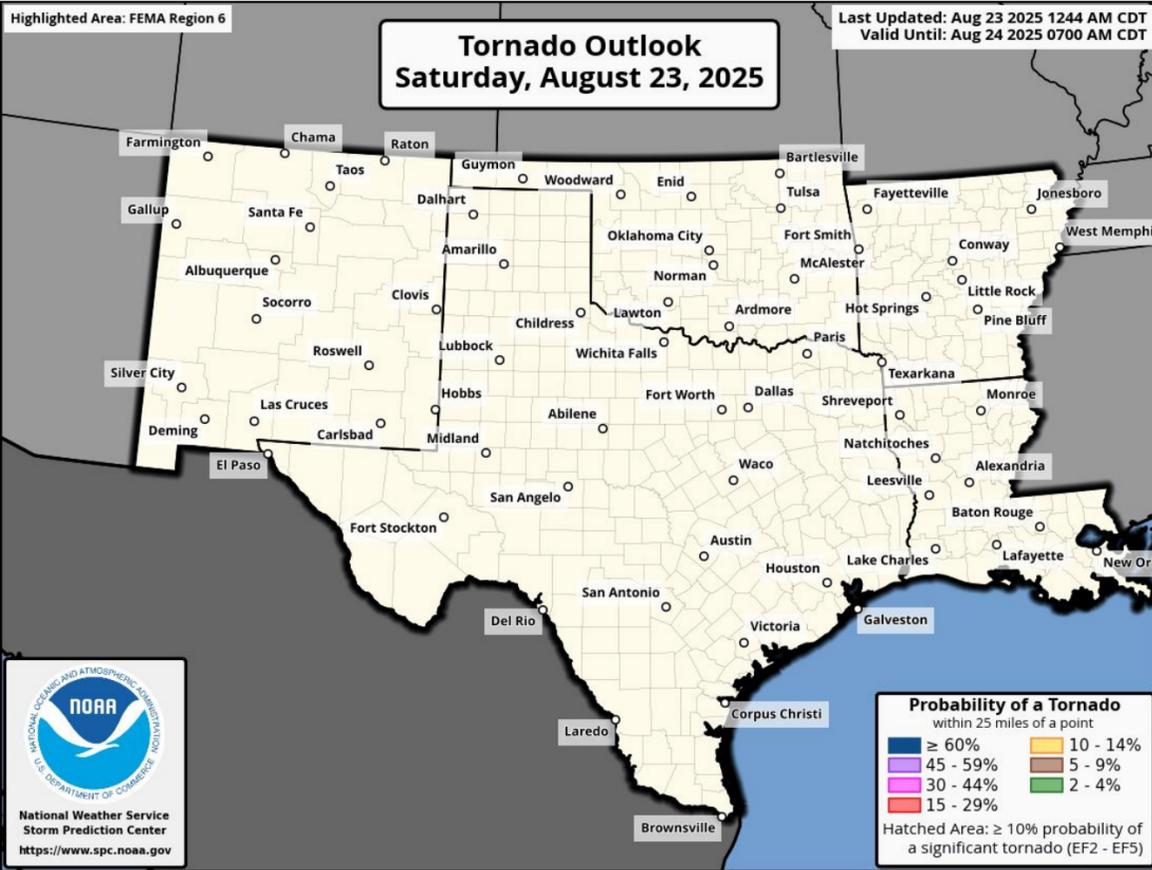
## Excessive Rainfall Outlook



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



# Today's Tornado & Severe Wind / Hail Probabilities

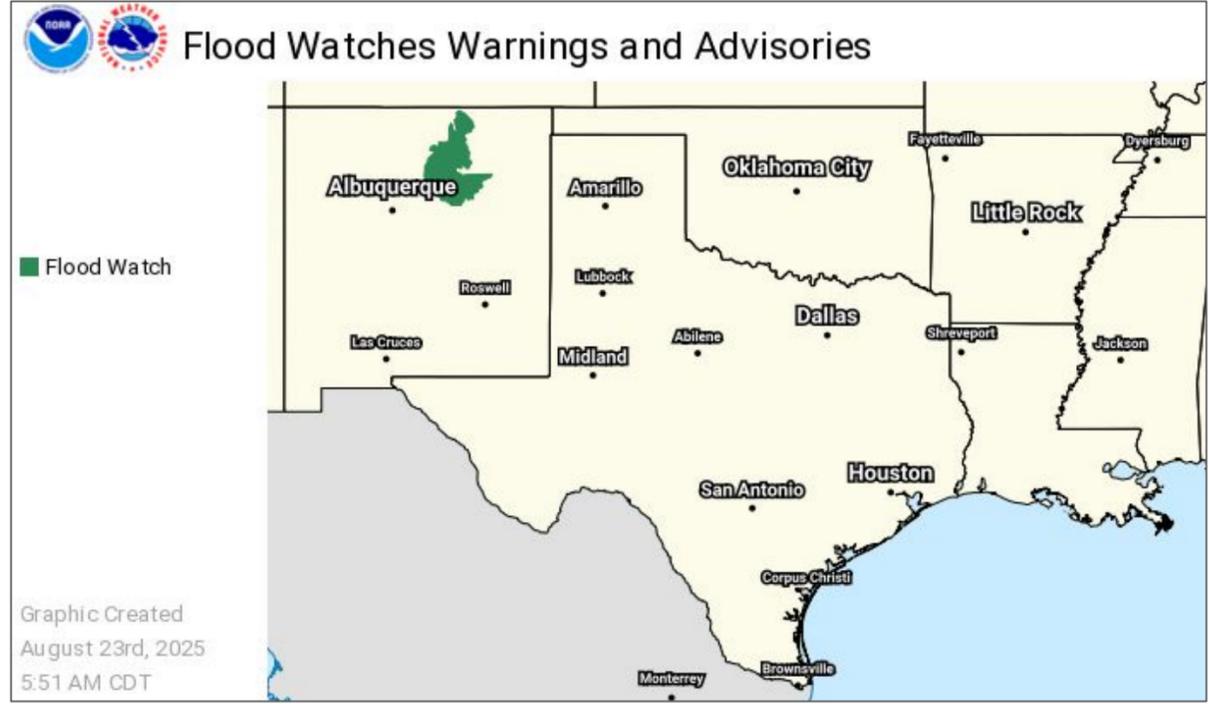
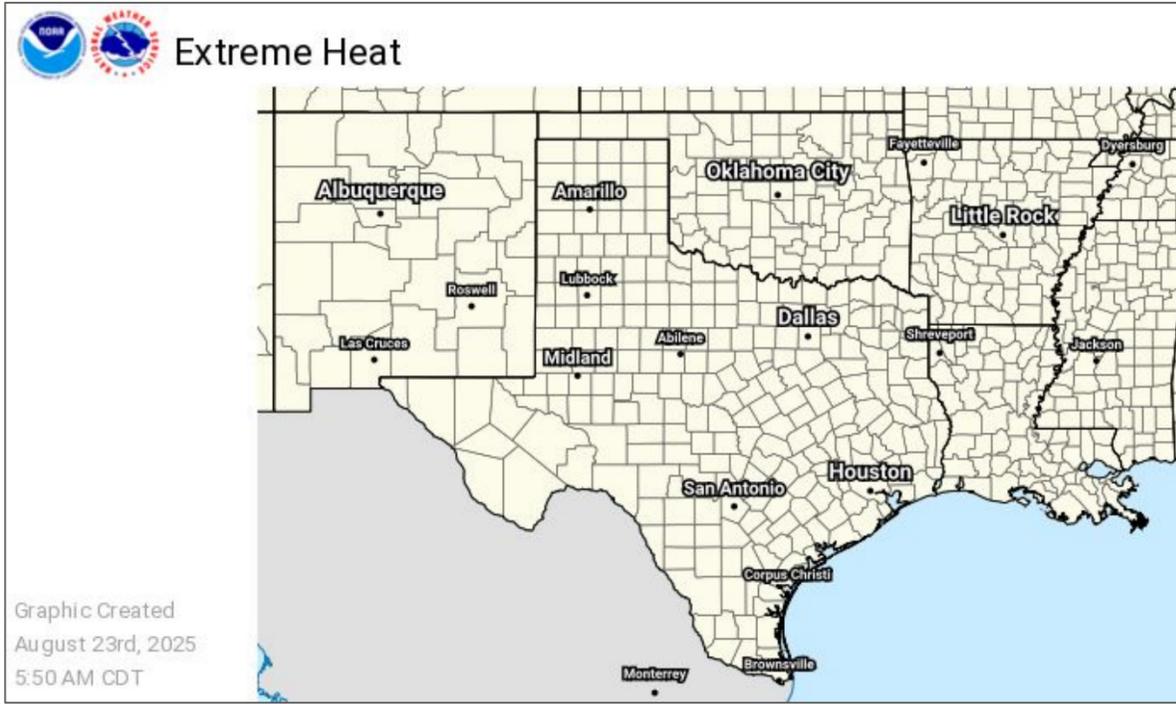
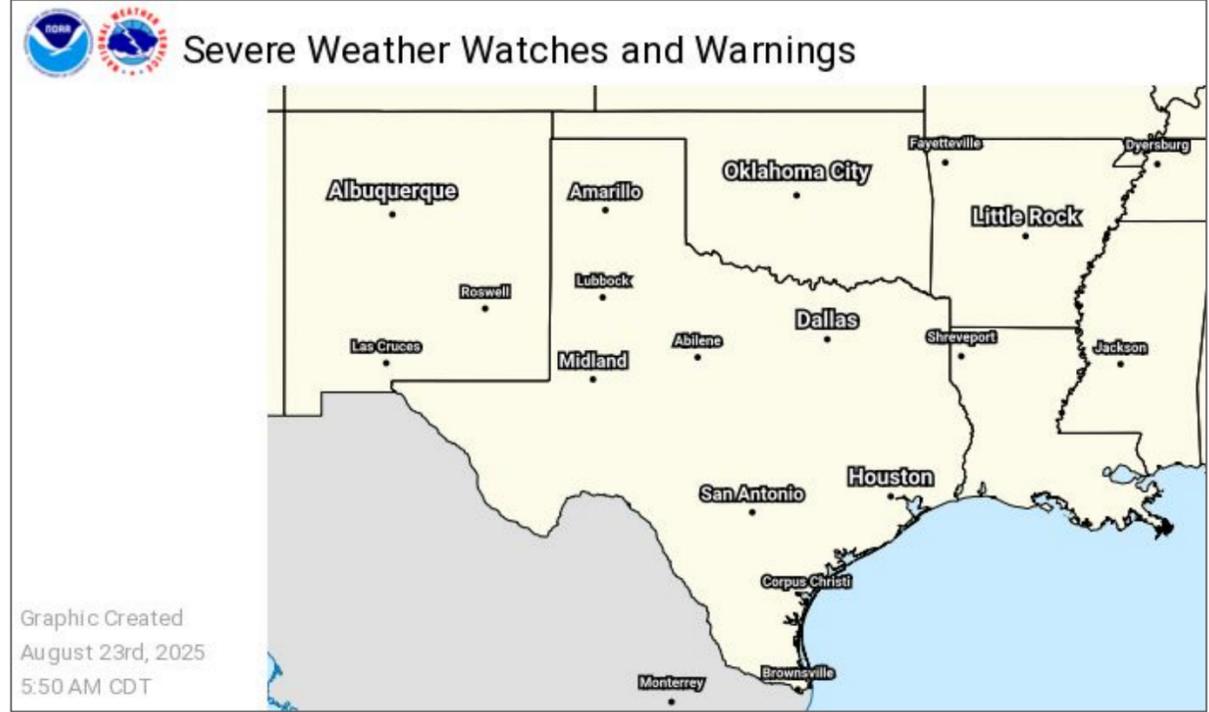




# Watches, Warnings, and Advisories

## Wind, Severe, Heat, and Flood Hazards

**Flood Watch in N NM through tonight, but will likely be reissued daily.**

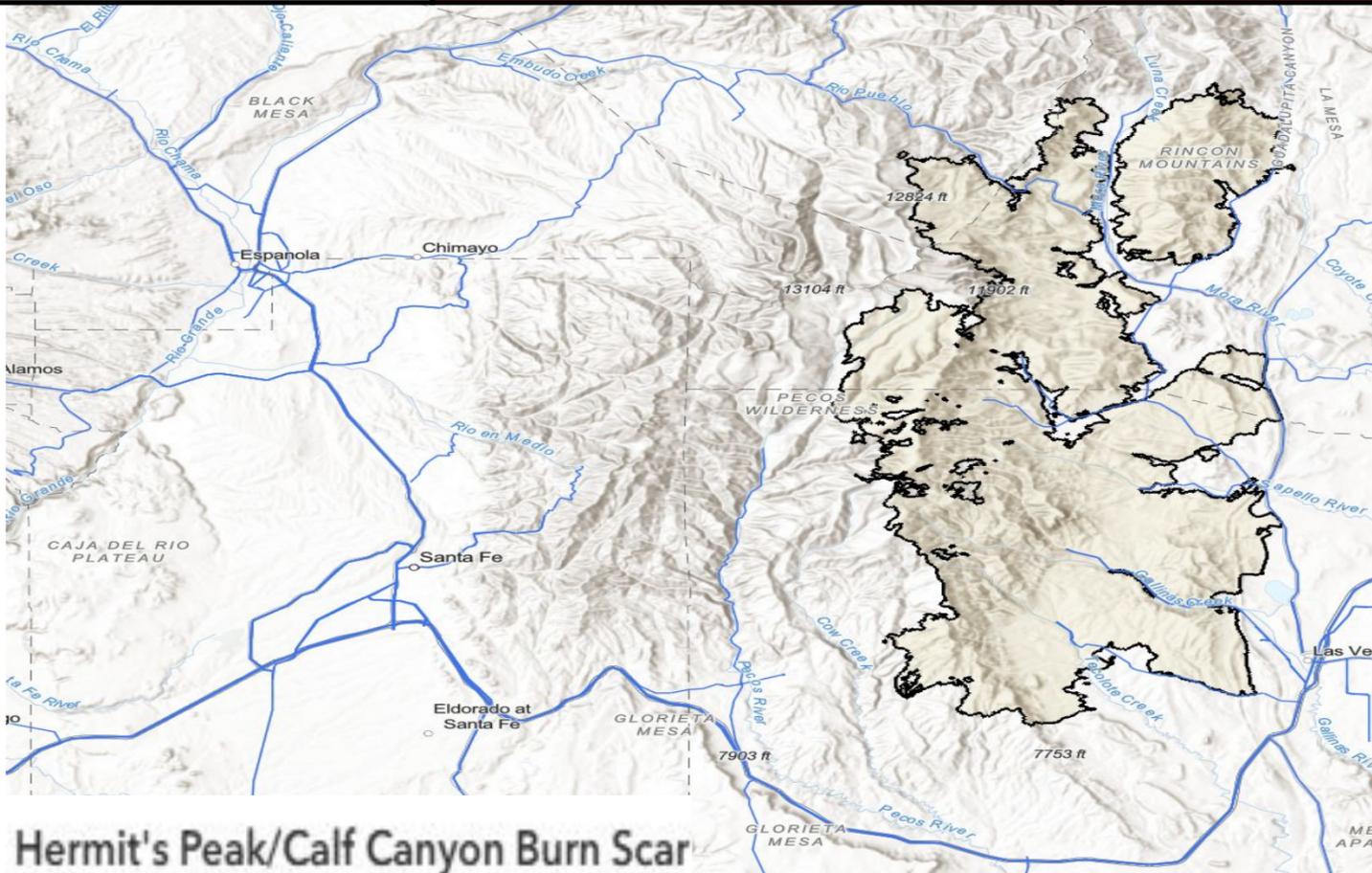




# Burn Scar Debris Flow Risk - HPCC Scar New Mexico

## Hermit's Peak/Calf Canyon Burn Scar

	Saturday, Aug 23	Sunday, Aug 24	Monday, Aug 25	Tuesday, Aug 26
Flash Flooding	Major	Major	Major	Major
Timing - CDT	1pm-3am	3pm-overnight	Afternoon-Night	Ongoing



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

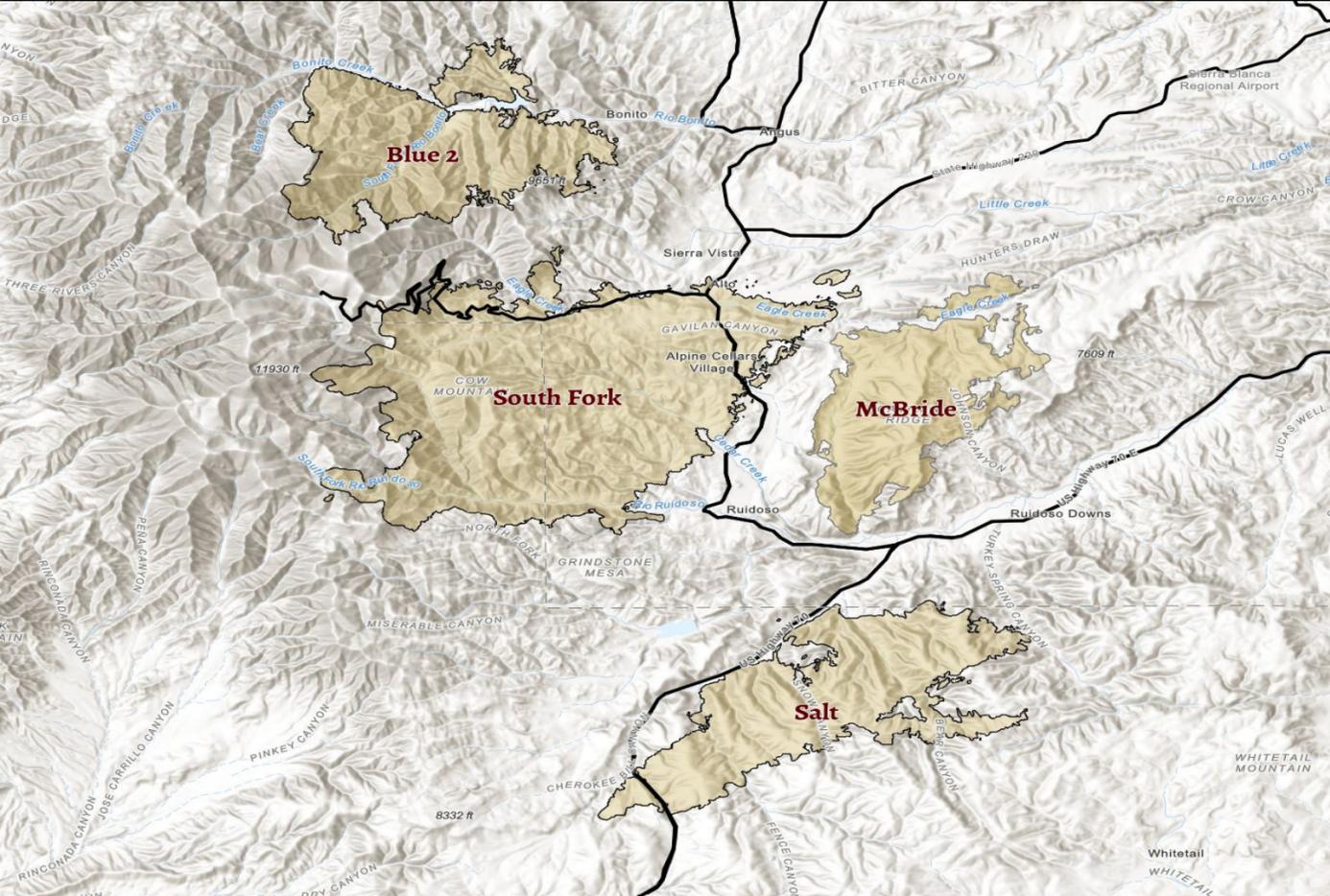




# Burn Scar Debris Flow Risk - Ruidoso, New Mexico

## Sacramento Complex

	Saturday, Aug 23	Sunday, Aug 24	Monday, Aug 25	Tuesday, Aug 26
Flash Flooding	No Impacts	No Impacts	No Impacts	Major
Timing - CDT				Afternoon-Night

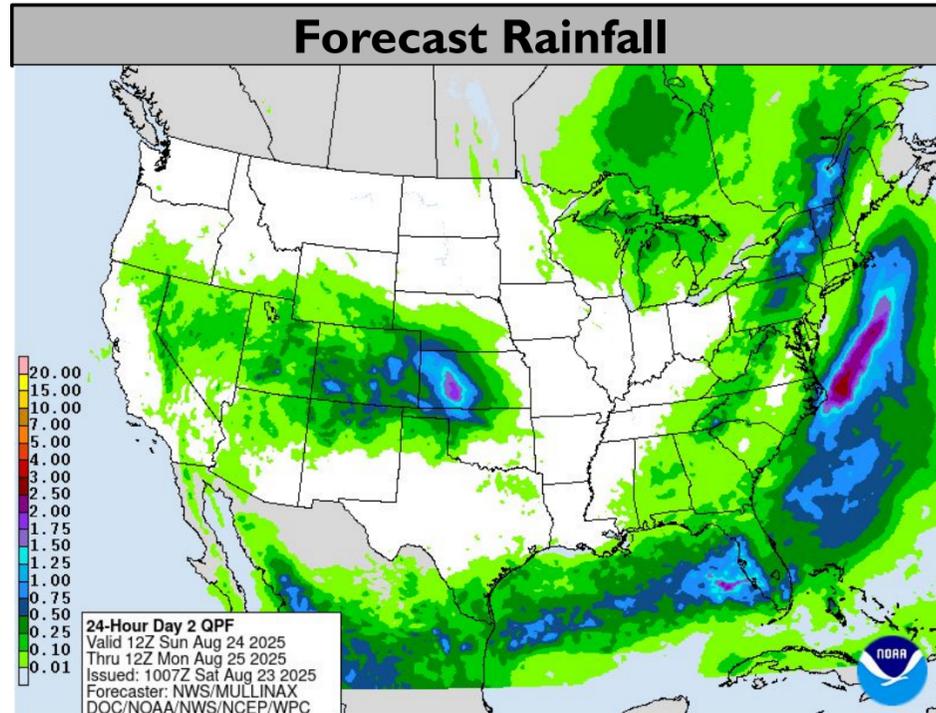
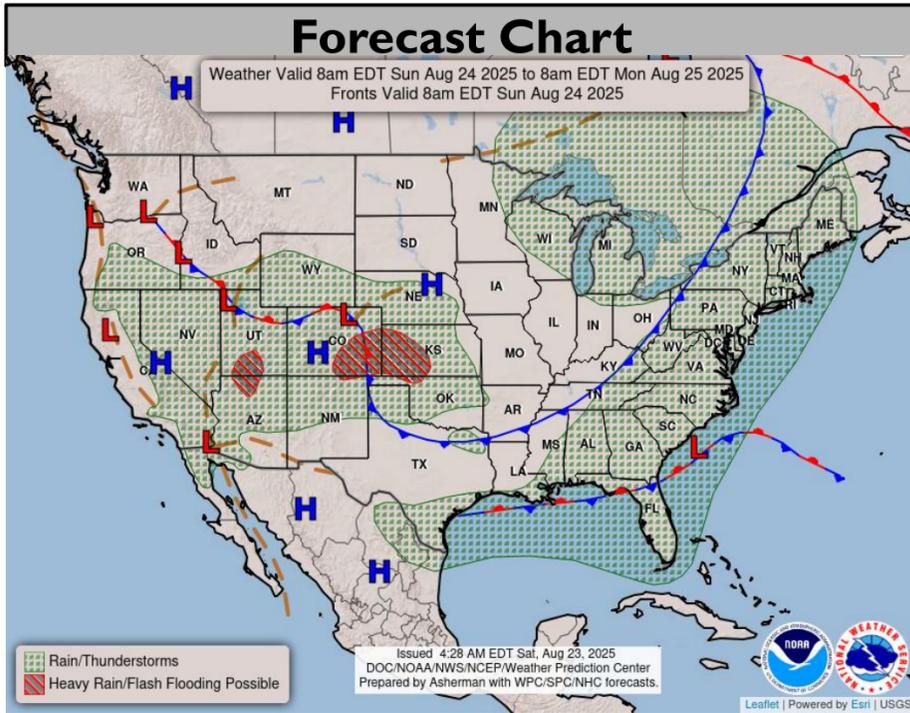


Little to None	No Flash Flood Threat
Minor (level 1 of 4)	Slight Risk of Flash Flooding
Moderate (level 2 of 4)	Probability of Flash Flooding Issuance 40% to 60%
Major (level 3 of 4)	Flood Watch Issued OR Debris Flow Probability > 50%
Extreme (level 4 of 4)	Life Threatening Flash Flooding Likely - Historic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

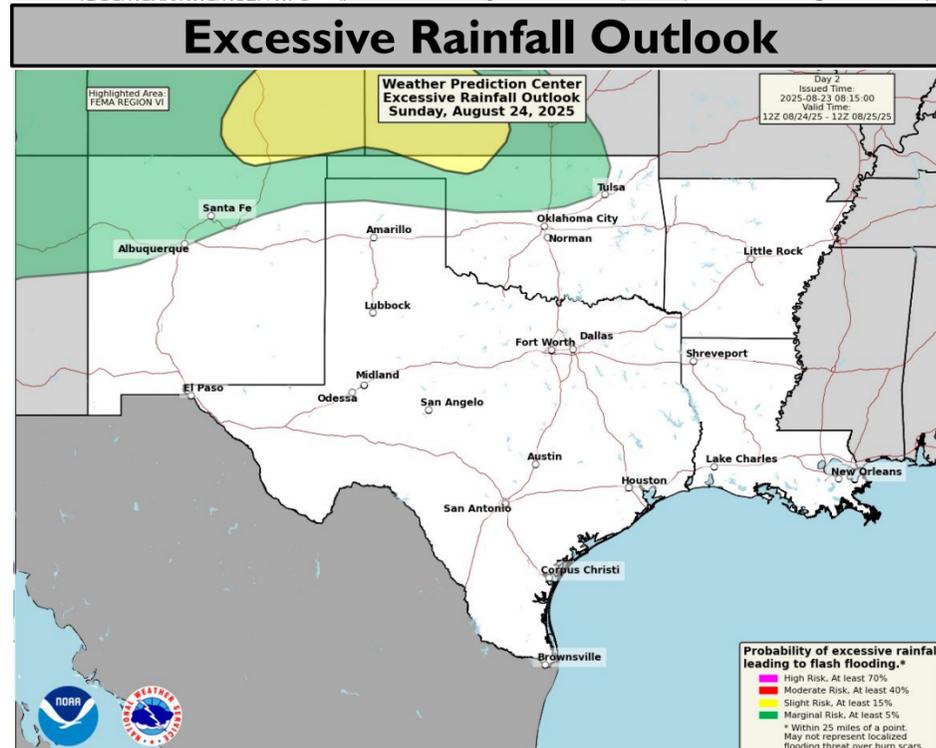
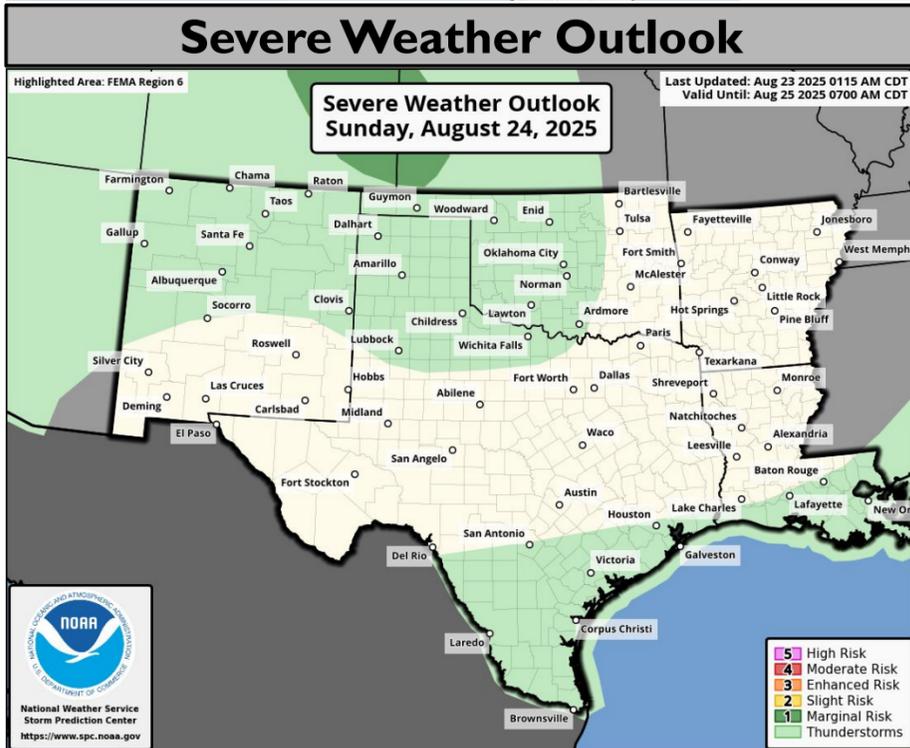




# Tomorrow's Weather



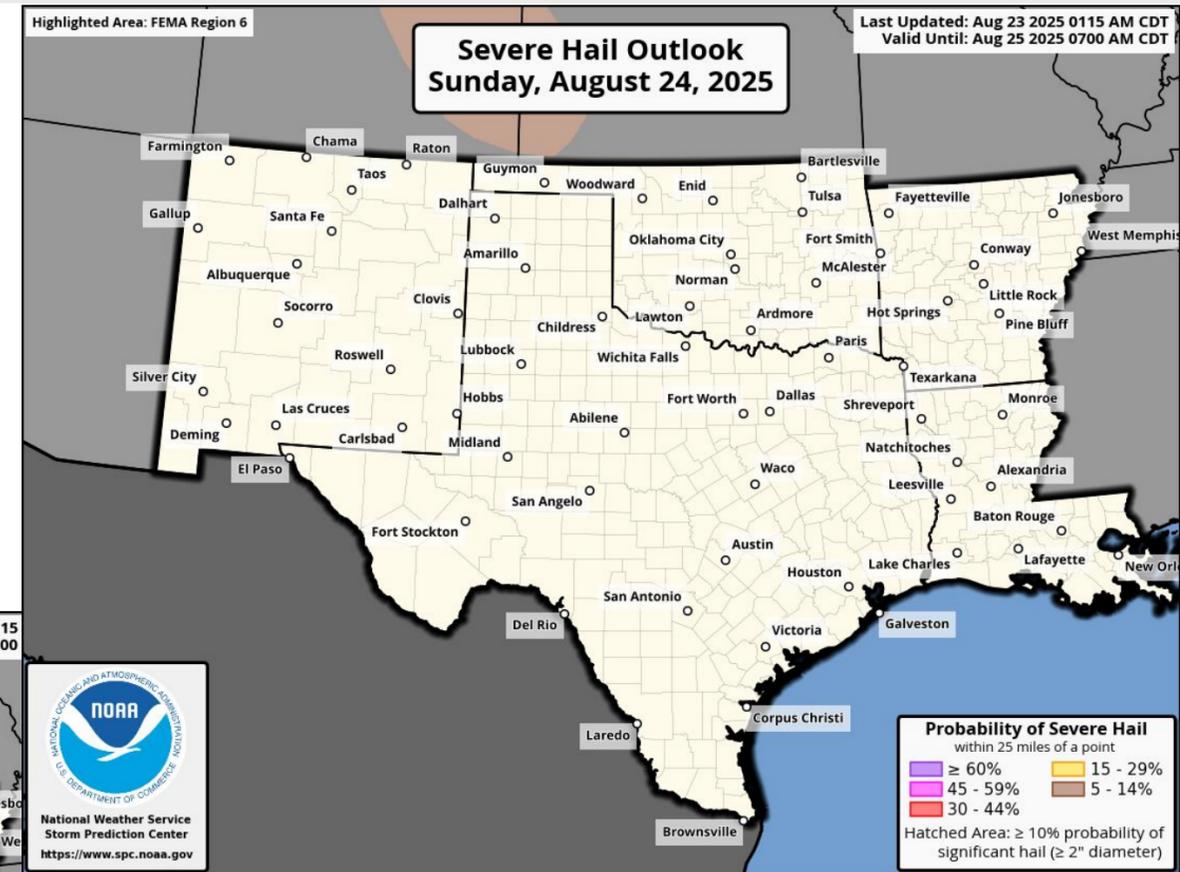
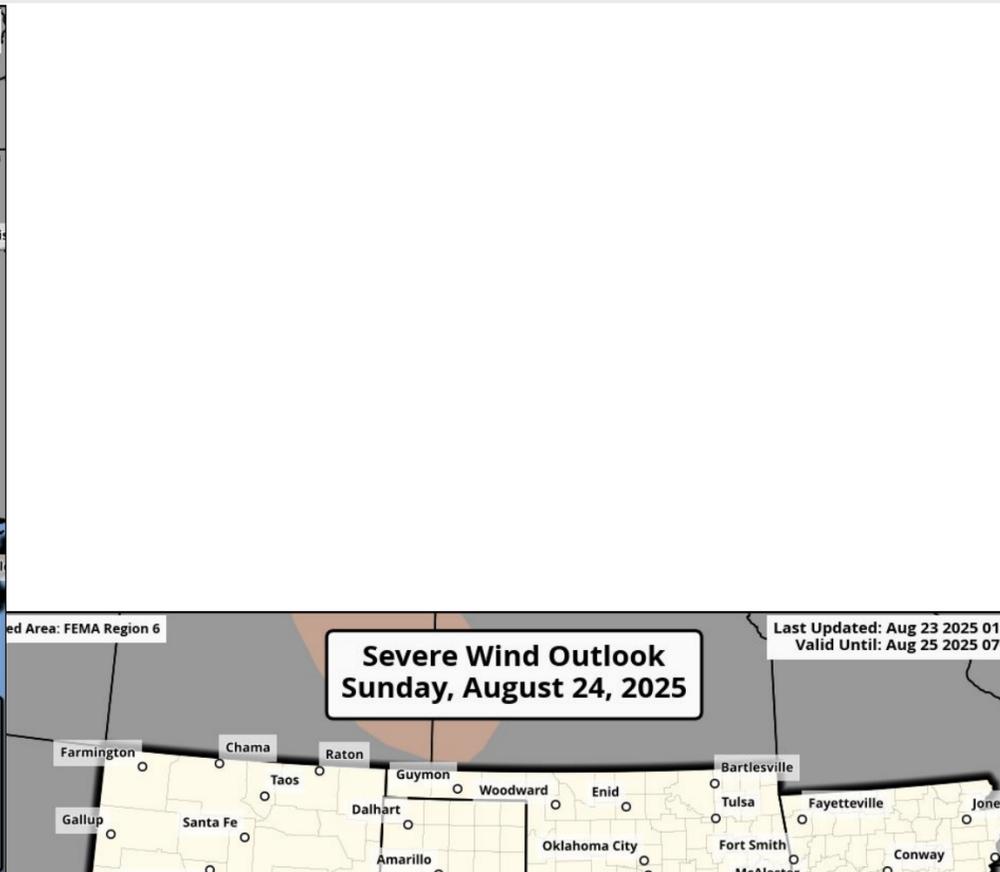
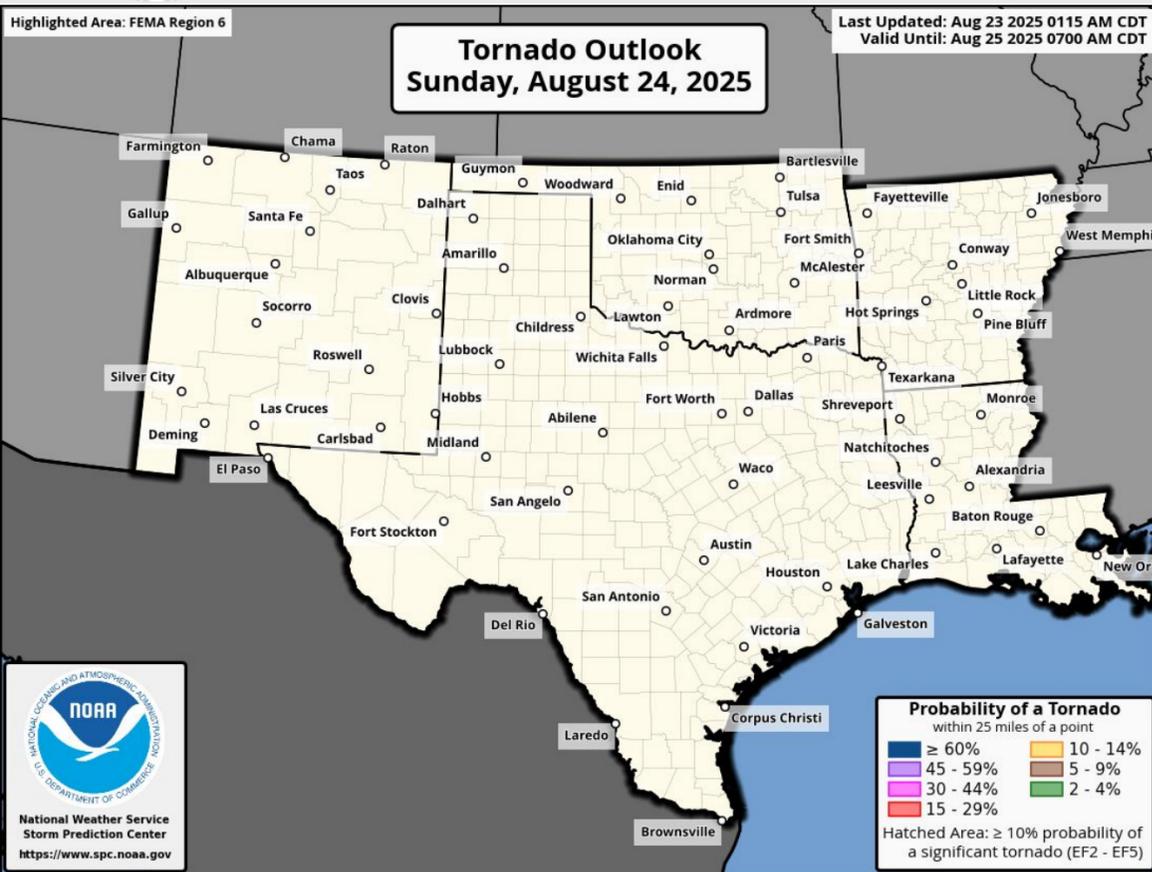
**Marginal to Slight risk (levels 1-2 of 4) for flash flooding in N NM, N OK and TX Panhandle.**



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



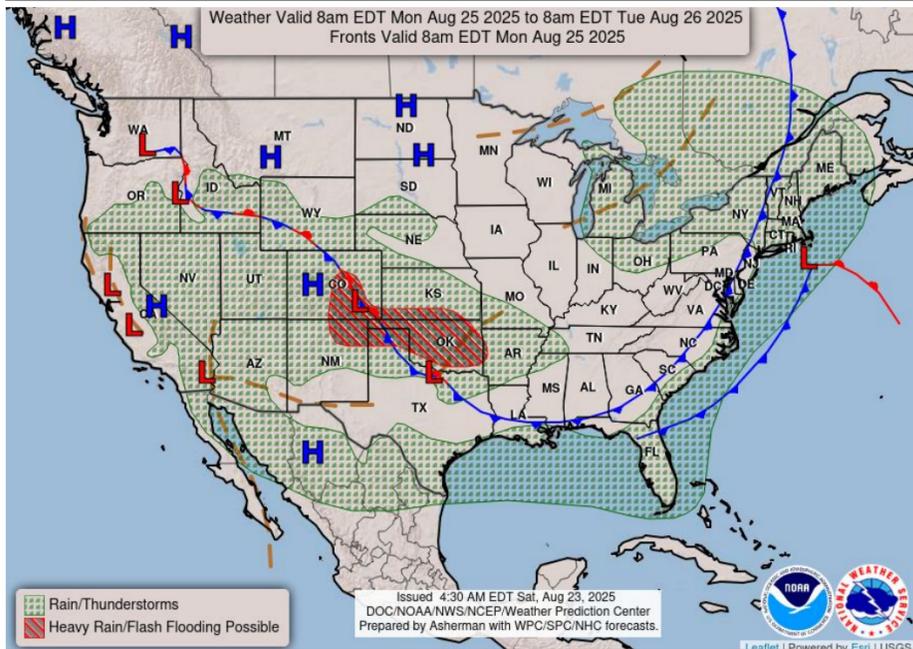
# Tomorrow's Tornado & Severe Wind / Hail Probabilities



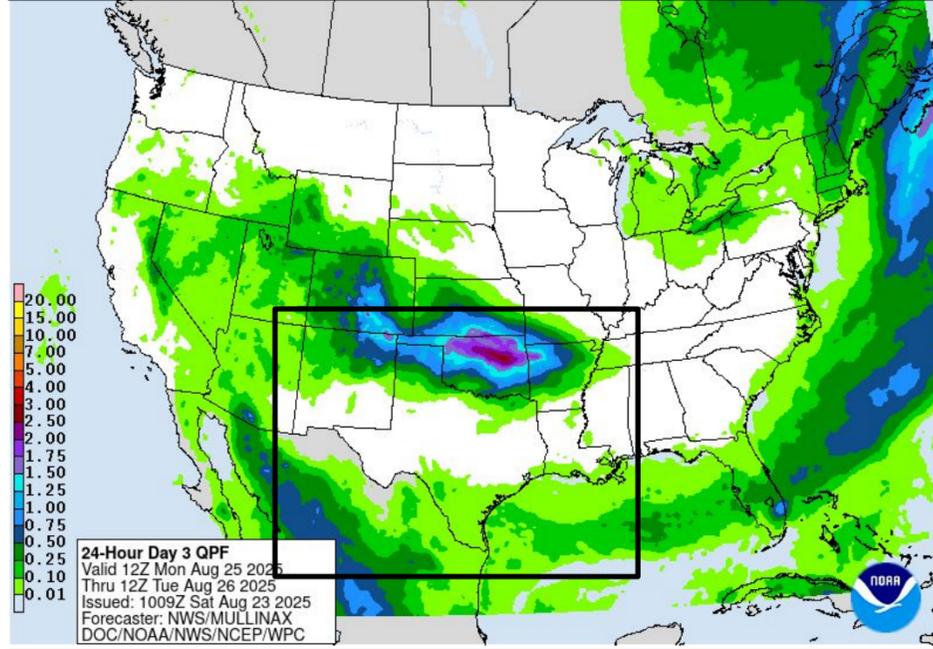


# Monday's Weather

## Forecast Chart

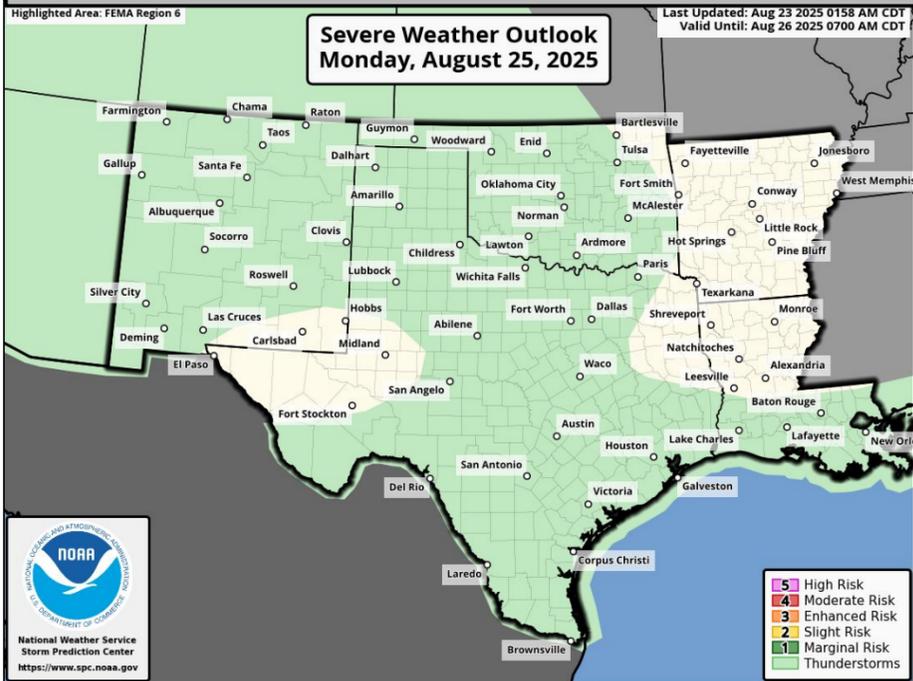


## Forecast Rainfall

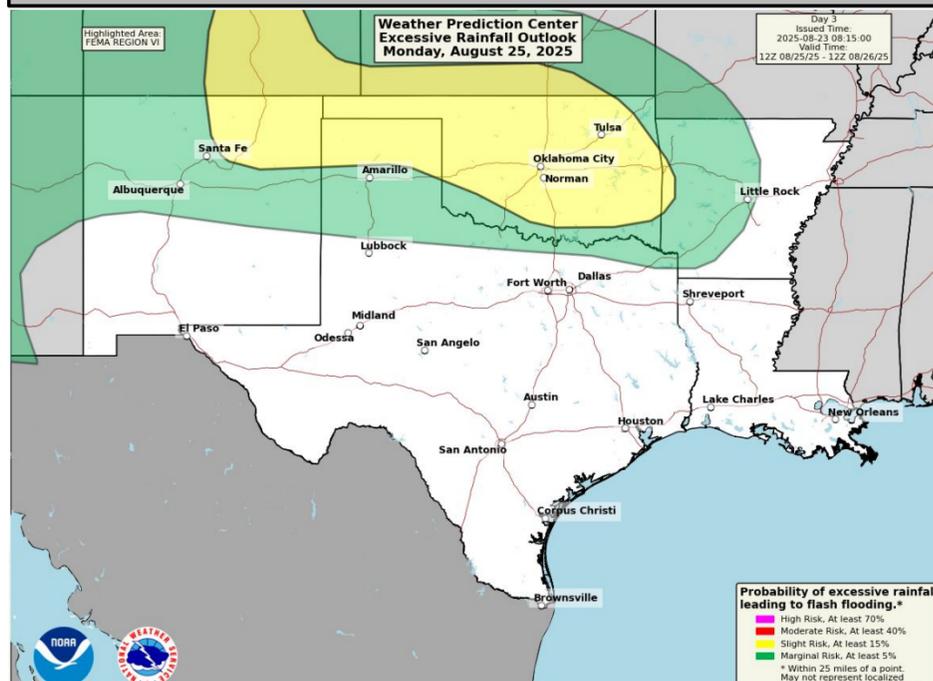


**Slight risk (level 2 of 4) for flash flooding in NE NM, TX Panhandle, and OK.**

## Severe Weather Outlook



## Excessive Rainfall Outlook

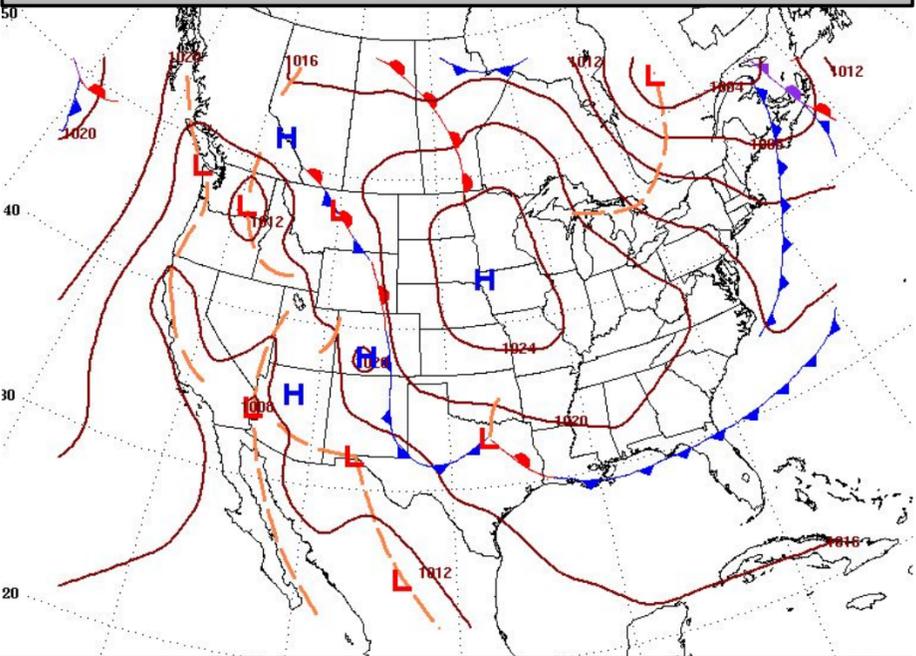


**\*Burn Scar Flash Flooding information on Burn Scar Matrix slides\***

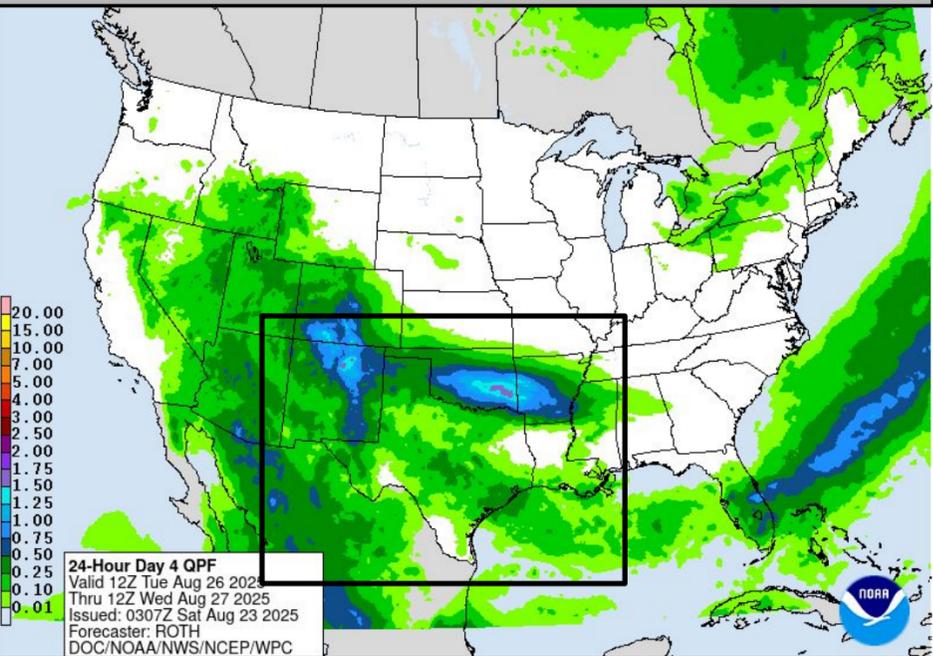


# Tuesday's Weather

### Forecast Chart

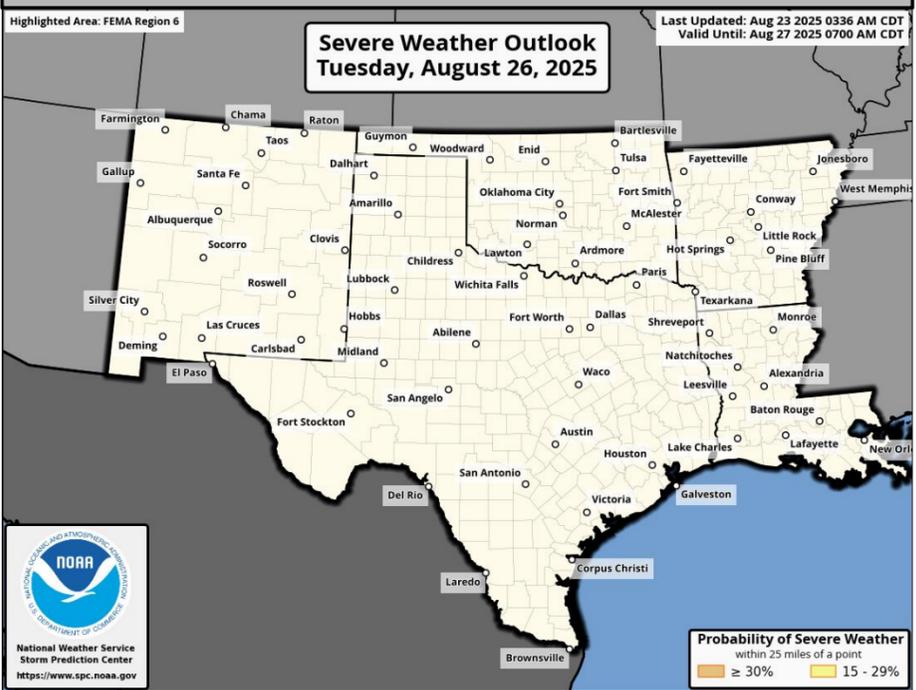


### Forecast Rainfall

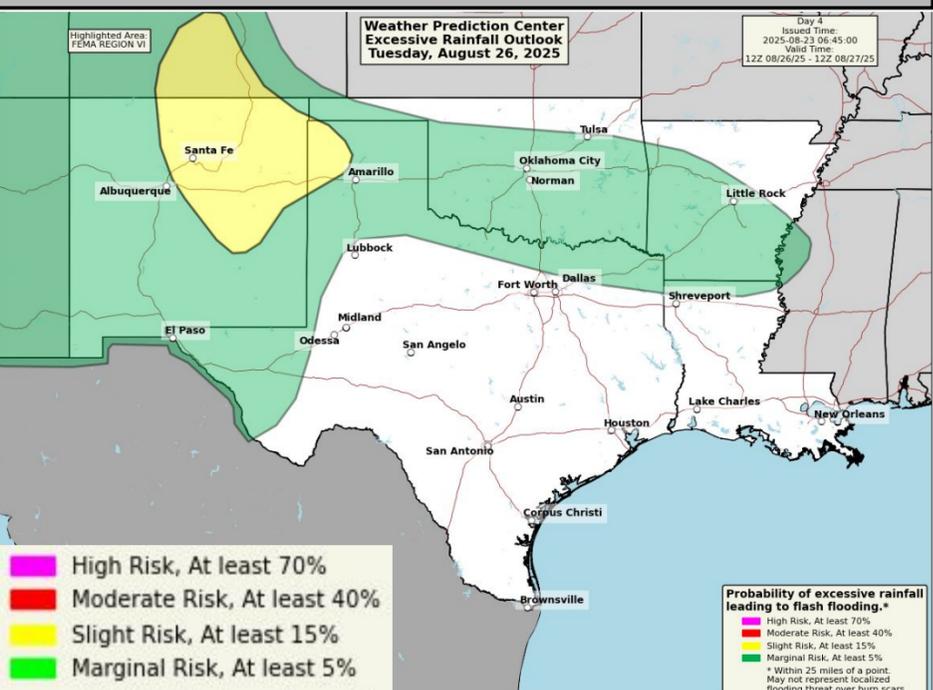


**Slight risk (level 2 of 4) for flash flooding in NE NM, TX Panhandle.**

### Severe Weather Outlook



### Excessive Rainfall Outlook

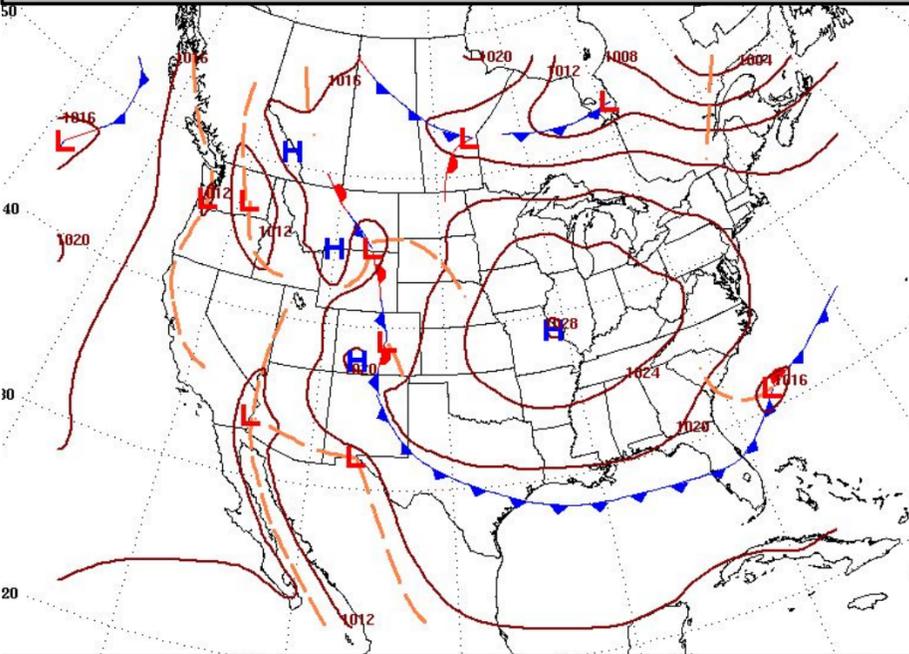


**\*Burn Scar Flash Flooding information on Burn Scar Matrix slides\***

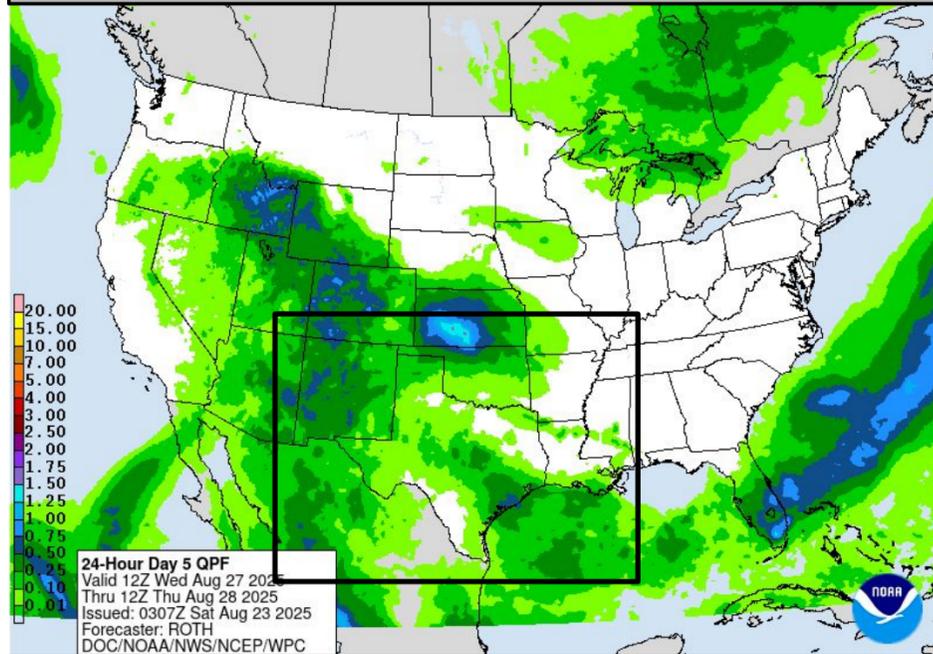


# Wednesday's Weather

### Forecast Chart

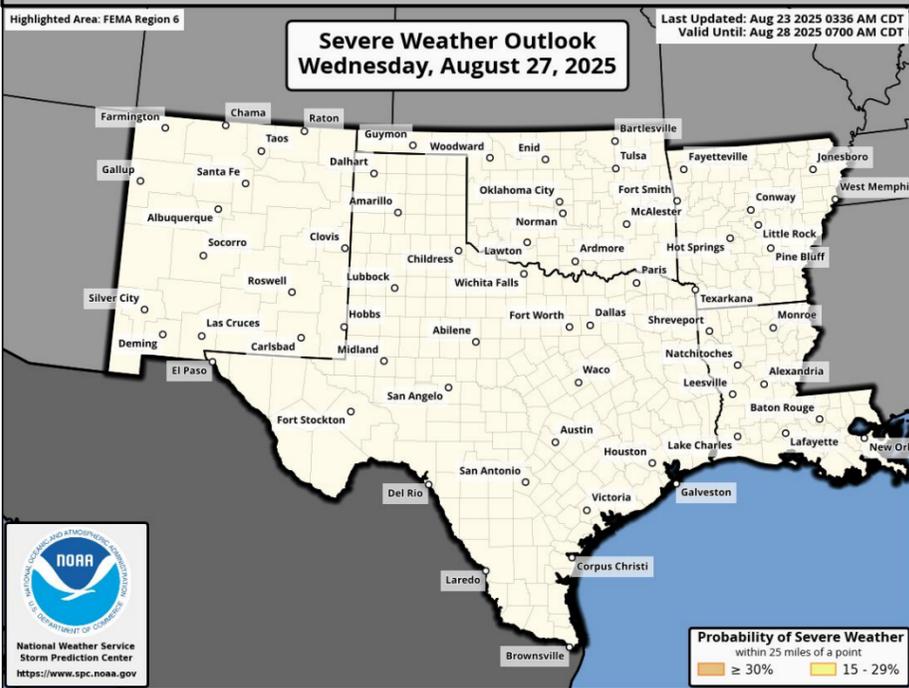


### Forecast Rainfall

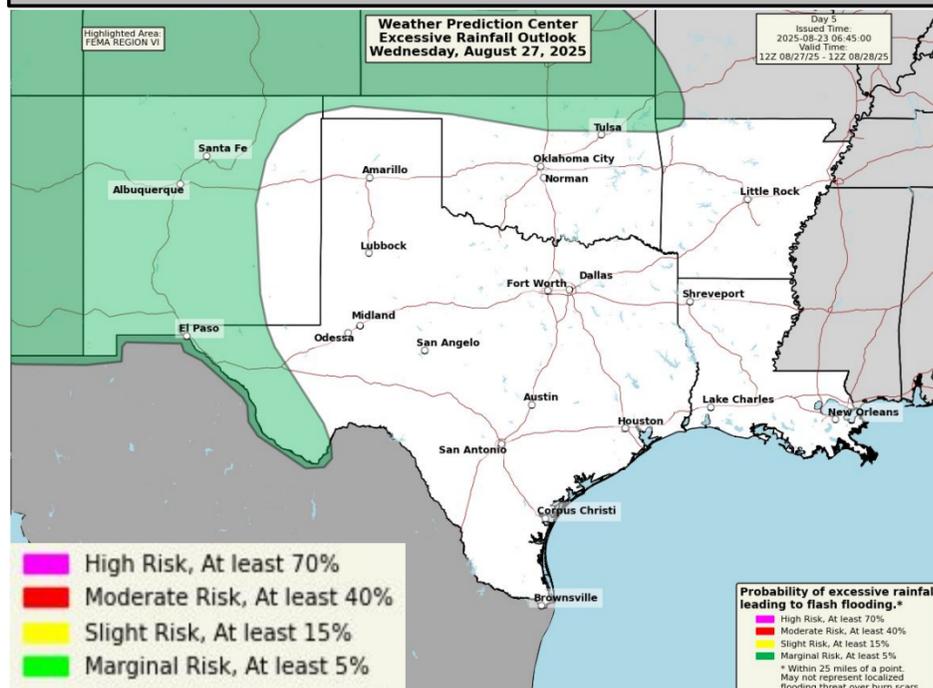


**Marginal risk (level 1 of 4) for flash flooding in NM, Far W TX, N OK.**

### Severe Weather Outlook



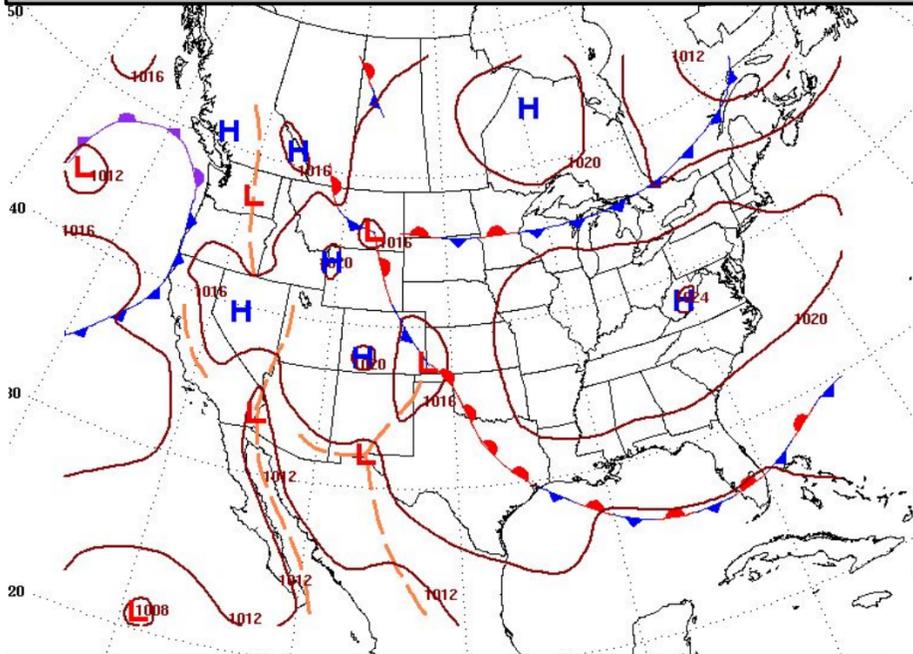
### Excessive Rainfall Outlook



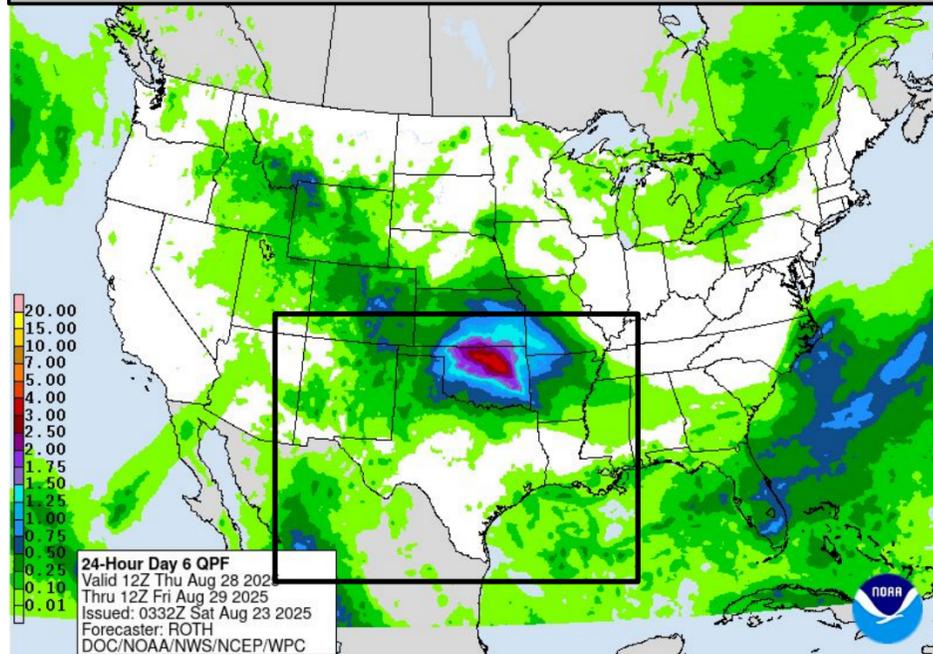


# Thursday's Weather

### Forecast Chart

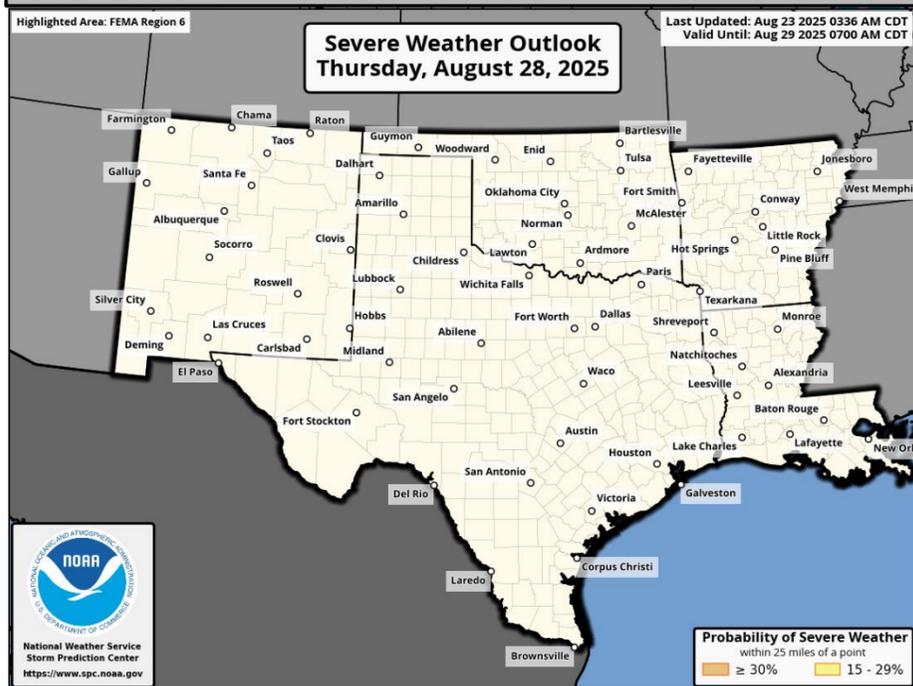


### Forecast Rainfall



**Slight risk (level 2 of 4) for flash flooding in OK.**

### Severe Weather Outlook

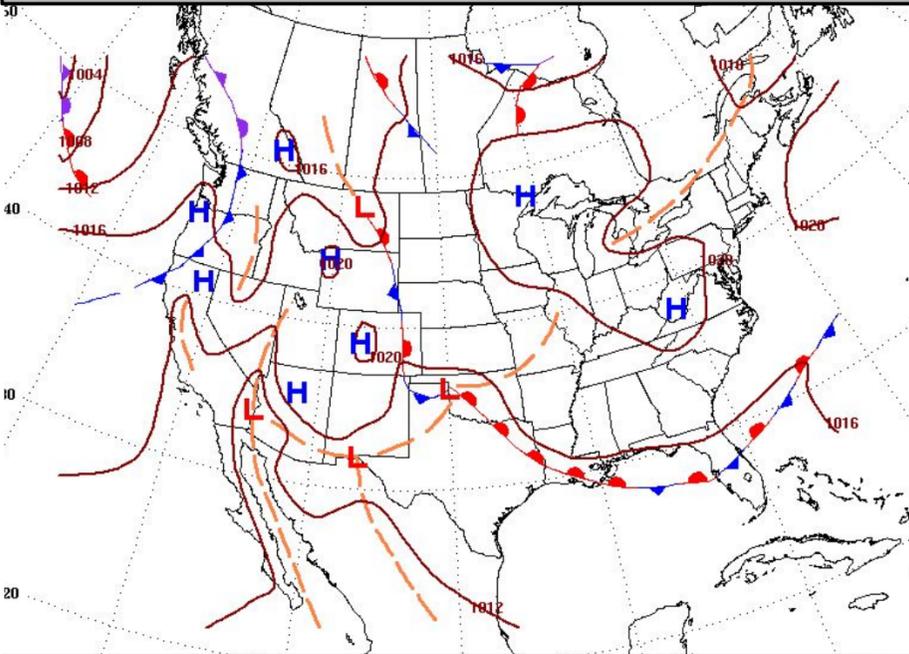


**Excessive Rainfall Outlooks not available beyond Day 5**

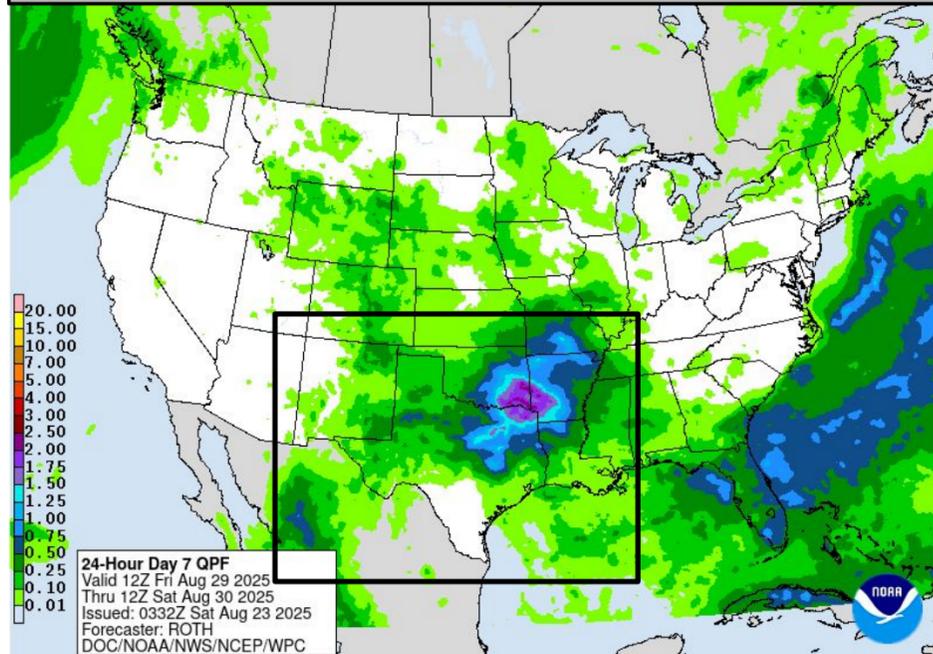


# Friday's Weather

### Forecast Chart

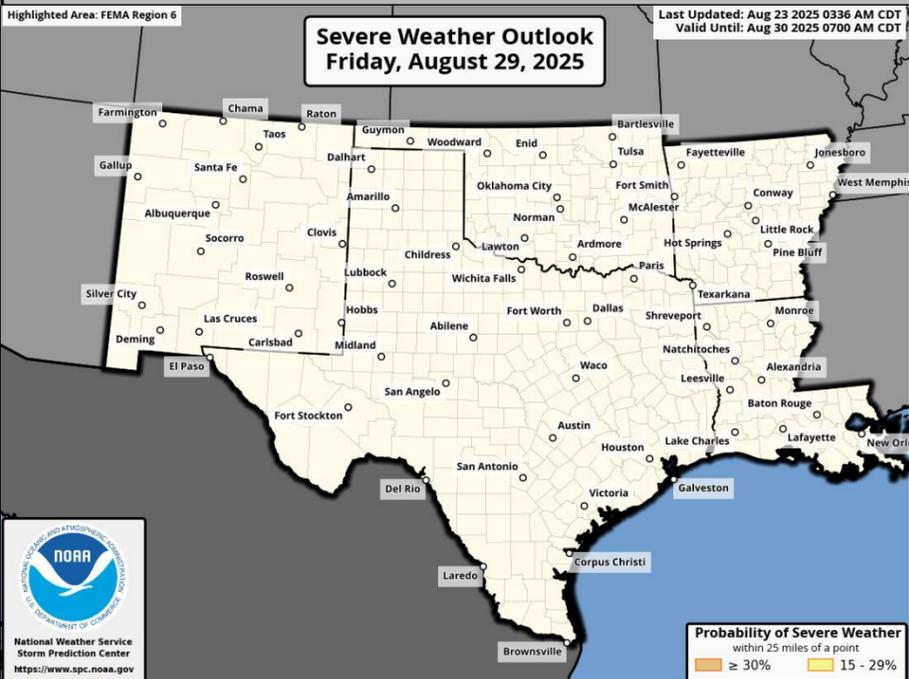


### Forecast Rainfall



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

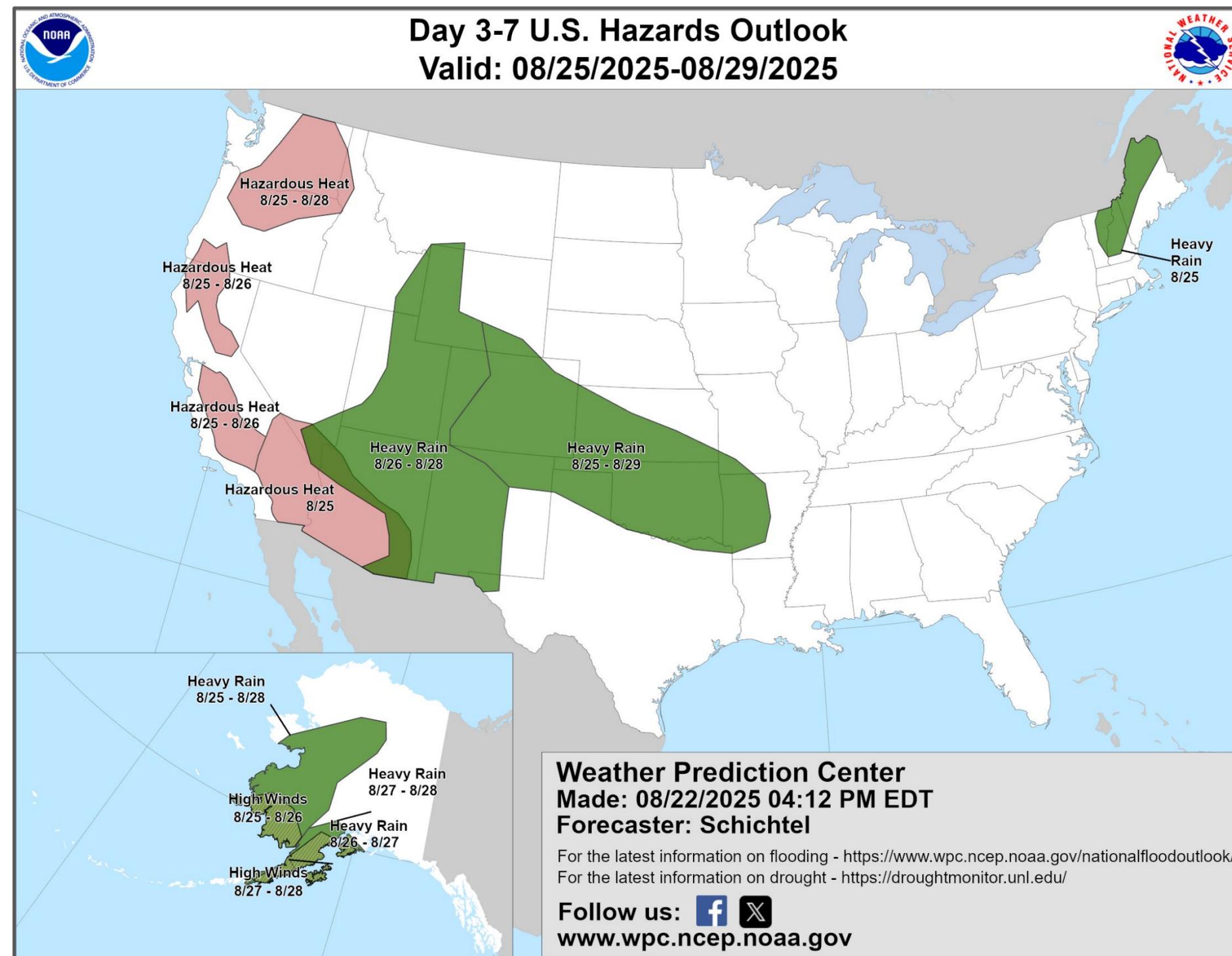
### Severe Weather Outlook



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



# “Day 3-7” Hazards Outlook



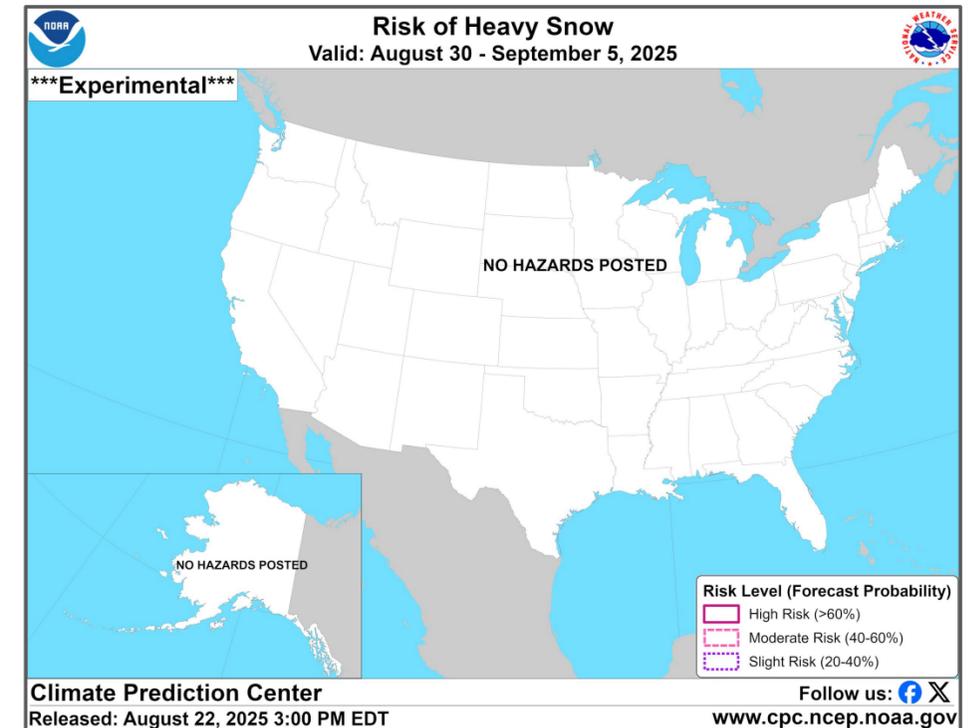
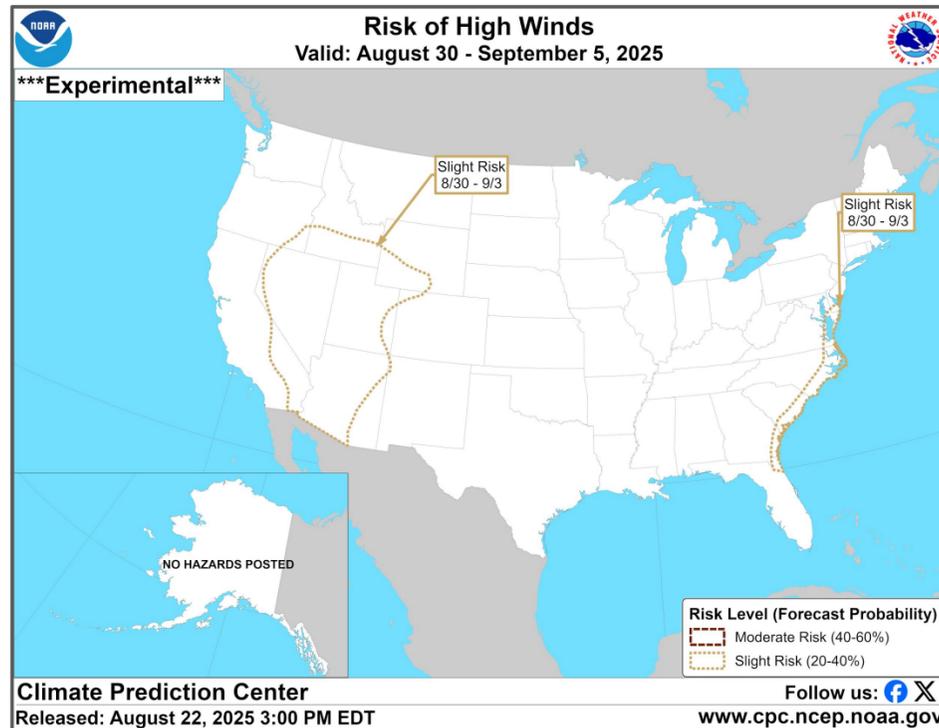
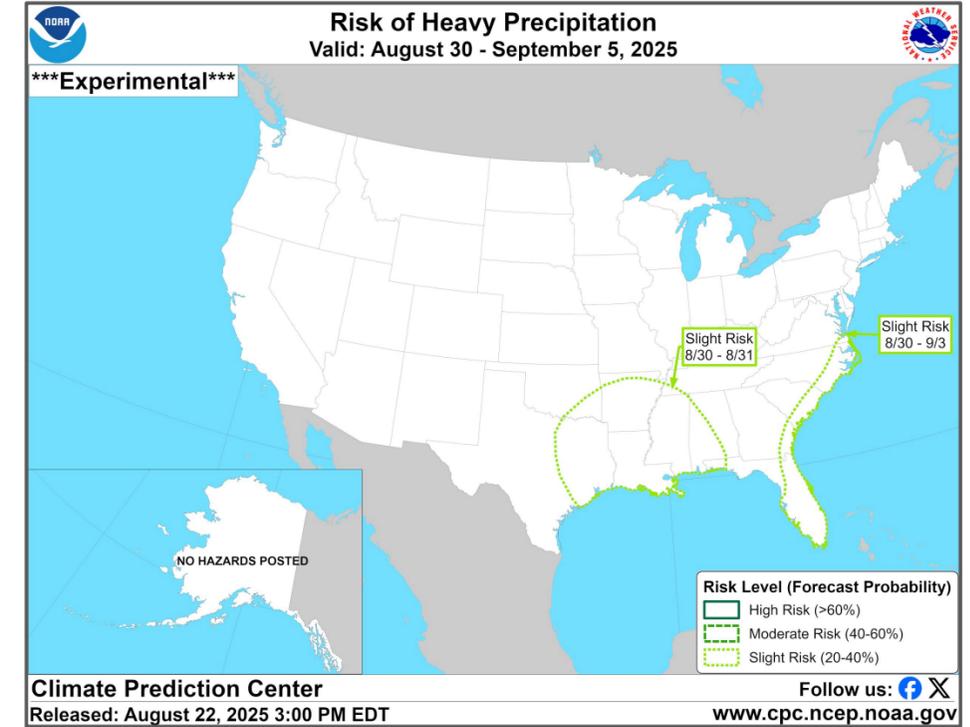
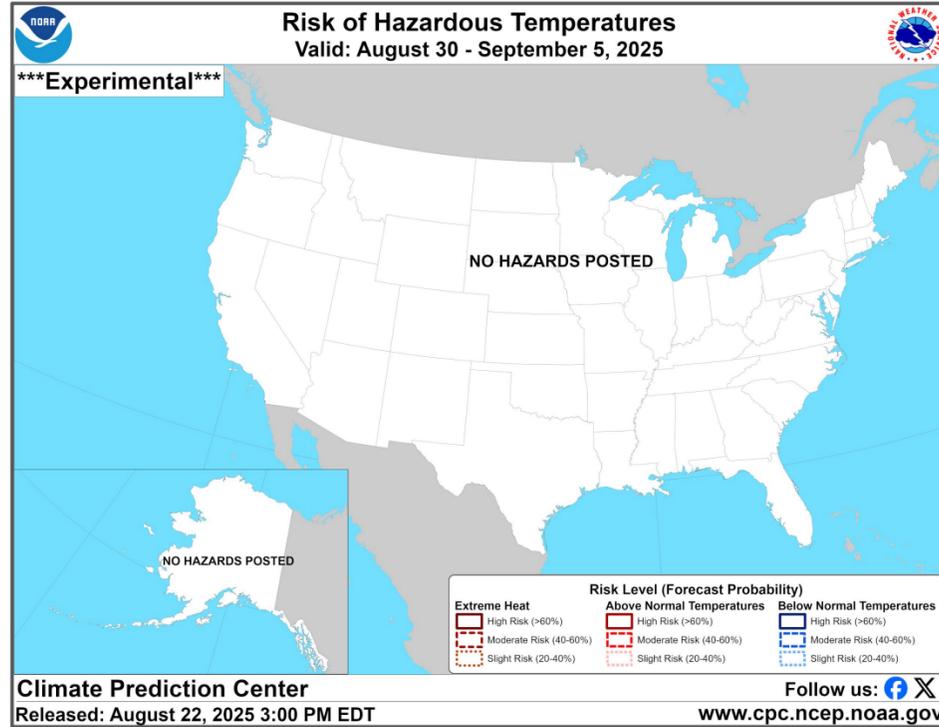
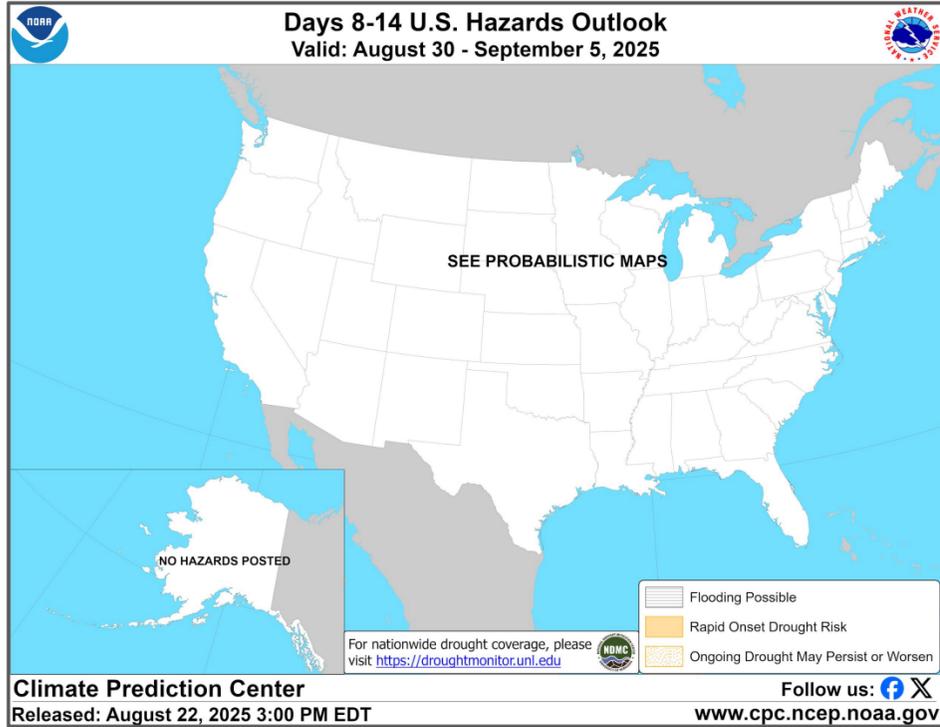
**NOTE:** These outlooks are issued in the afternoon and only issued on weekdays. Because of that and the fact that these slides are issued in the mornings:

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:

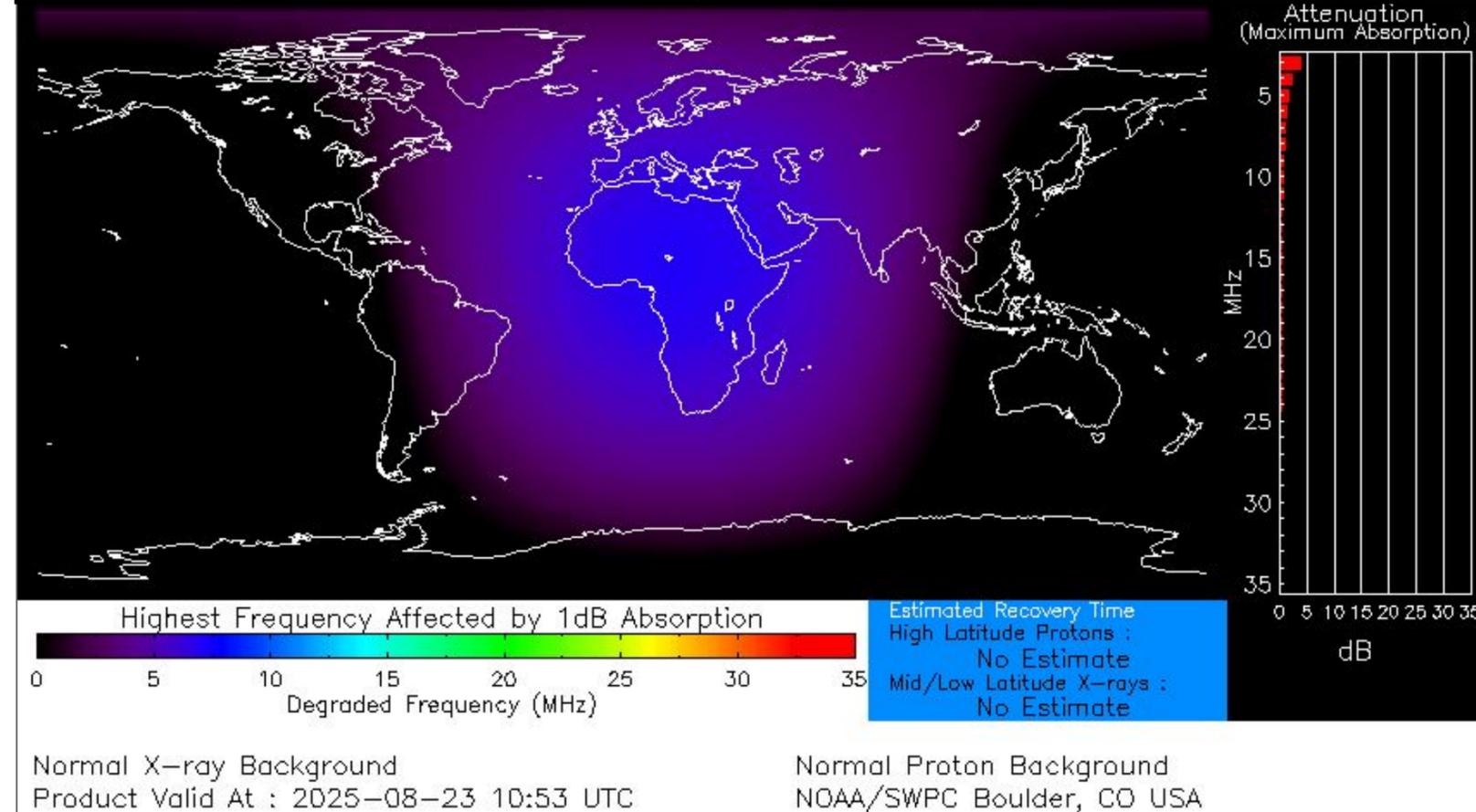
1. The “day 8-14” will really be days 7-13
2. This slide will be hidden on Mondays and Sundays so the data/information is not too old

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



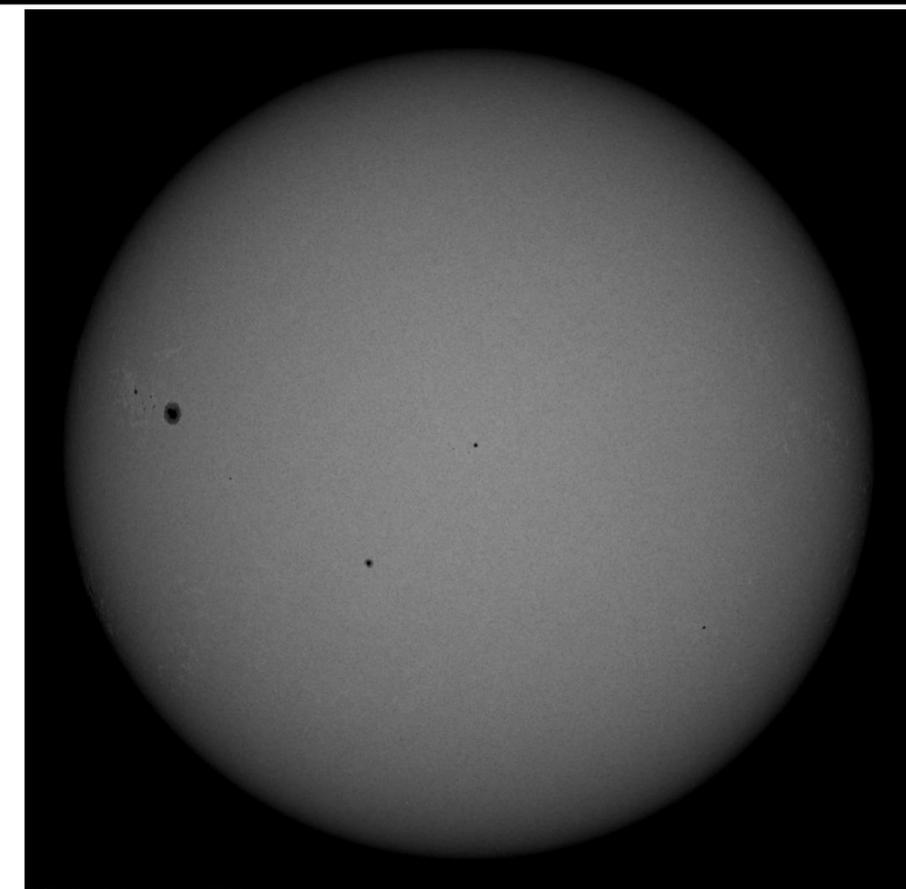
# Space Weather 3-Day Forecast

	Saturday, Aug 23	Sunday, Aug 24	Monday, Aug 25
<b>Geomagnetic Storms</b>	<b>Quiet</b> (Max Kp = 2)	<b>Unsettled</b> (Max Kp = 3)	<b>Active</b> (Max Kp = 4)
<b>Solar Radiation Storm (S1-S5)</b>	<b>20%</b>	<b>15%</b>	<b>10%</b>
<b>Radio Blackout (R1-R2)</b>	<b>15%</b>	<b>20%</b>	<b>25%</b>
<b>Radio Blackout (R3-R5)</b>	<b>1%</b>	<b>1%</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

Southern Region Headquarters

Regional Operations Center

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**X:** NWSSouthern



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