



FEMA



Prepared by
Melissa Beat

FEMA Region 6 Weather Threat Briefing

Friday, August 15, 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.



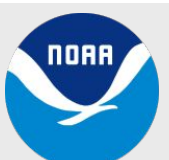
National Oceanic and
Atmospheric Administration
U.S. Department of Commerce

National Weather Service
Southern Region



Summary

- **Flash Flooding:** Slight risk (level 2 of 4) over **STX** today and **N NM** tomorrow. Marginal risk (level 1 of 4) over **NM/Far W TX** Saturday through Wednesday.
 - **NM Burn Scars:** Moderate to Major risk (levels 2-3 of 4) today. Increased monsoonal activity by Saturday leads to a Major risk (level 3 of 4) through midweek.
- **Heat:** Hazardous heat expands across **LA, AR, TX** and **OK** through this weekend. Temps feel as hot as 109 degrees.
- **Tropical:** Tropical Storm Erin will move west/northwest over the next several days. No Impacts to **FEMA Region 6**.
 - A disturbance in the **Gulf of America** continues to organize. Currently there is a medium (50%) chance of development in the next 2 days. This disturbance may bring heavy rain to **STX**, as well as rip currents/increased swells along the **STX** coast this weekend.





FEMA Region 6 Threat Matrix

Next 7 days

	Friday, Aug 15	Saturday, Aug 16	Sunday, Aug 17	Monday, Aug 18	Tuesday, Aug 19	Wednesday, Aug 20	Thursday, Aug 21
Severe Storms							
Heavy Rain / Flash Flooding	STX	S NM NM, Far W TX, C/SE/E TX, LA	NM, Far W TX	NM, Far W TX	NM, Far W TX	NM, TX	
Burn Scars	N NM S NM	NM	NM	NM			
Tropical							
Heat	OK, AR, NE TX, LA	E OK, AR, E TX, LA	E OK, AR, E TX, LA	AR, E TX, LA	AR, E TX, 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.

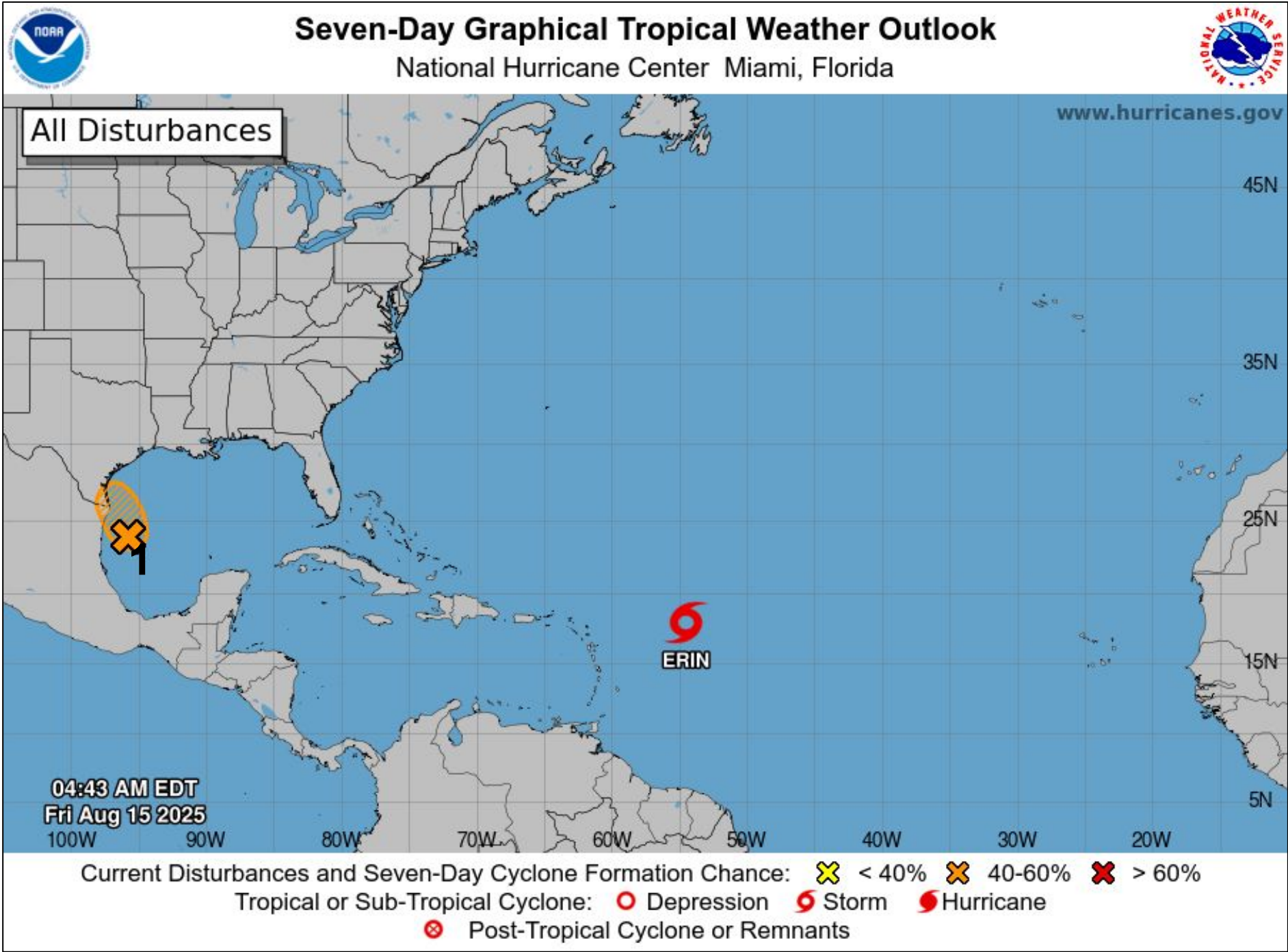
Risk Levels	Little to None	Minor	Moderate	Major	Extreme
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Tropical Weather Outlook – Atlantic/Gulf

Areas of Possible Development		
Area	Chance of Development	Potential Impacts to FEMA 6
1	Medium (50%)	Heavy rain in S TX, increased swells/rip currents Friday-Saturday.

Active Tropical Cyclones	
Storm	Potential Impacts to FEMA 6
T.S. Erin	None over the next 7 days.



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

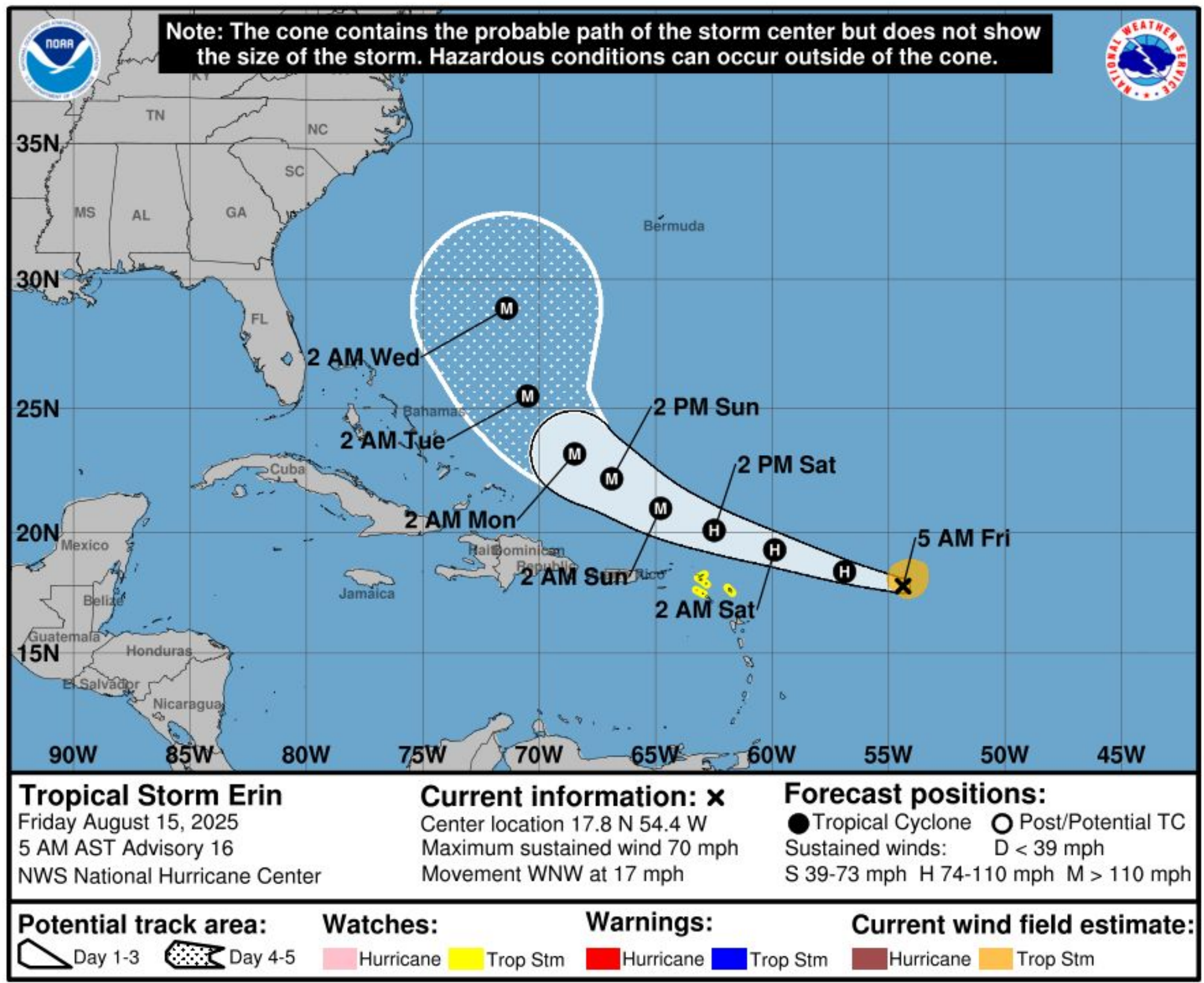




T.S. Erin

August 15, 2025
2:31 PM

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



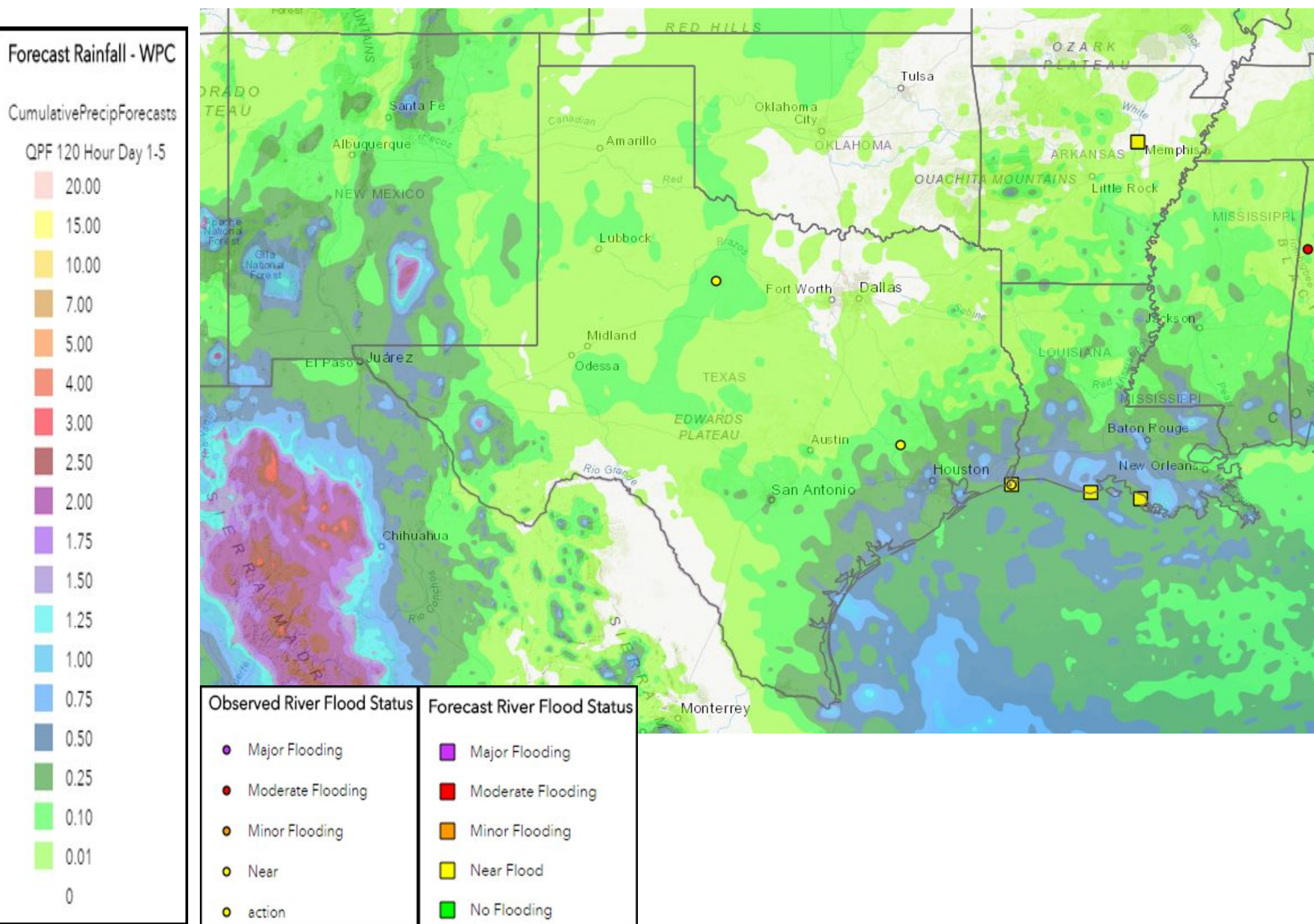
No impacts to FEMA 6 from T.S. Erin.





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



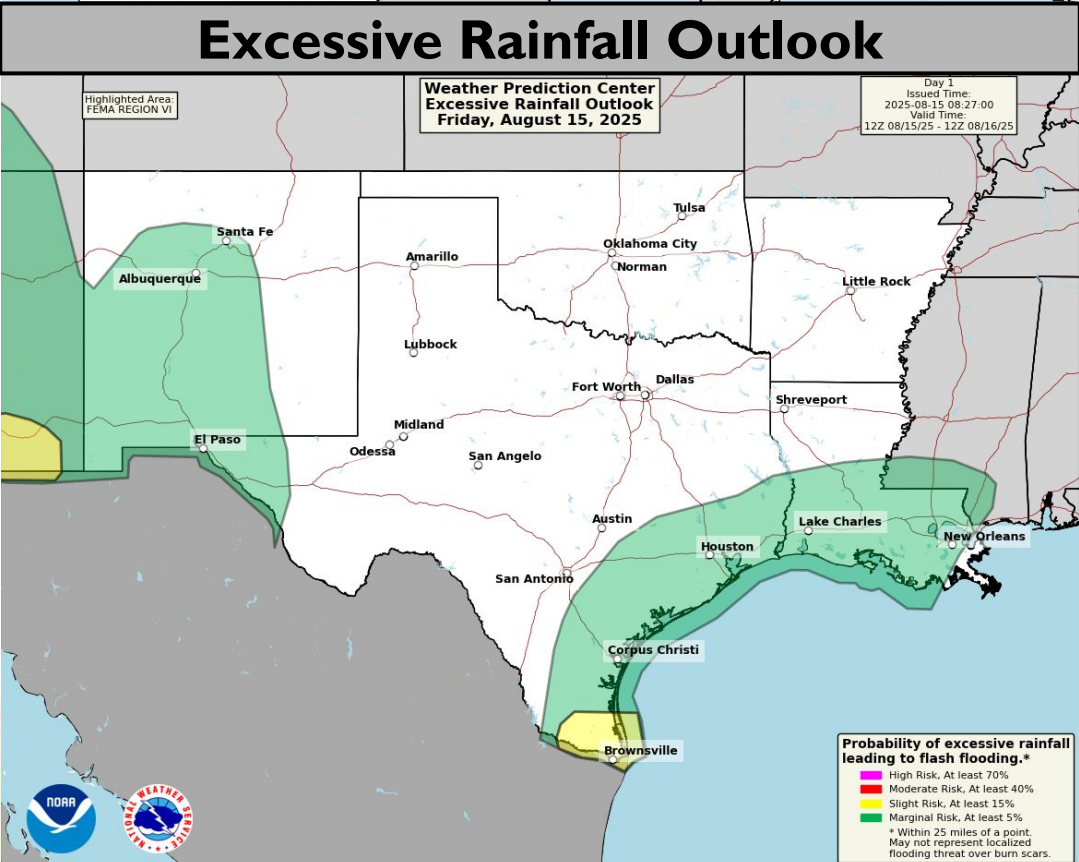
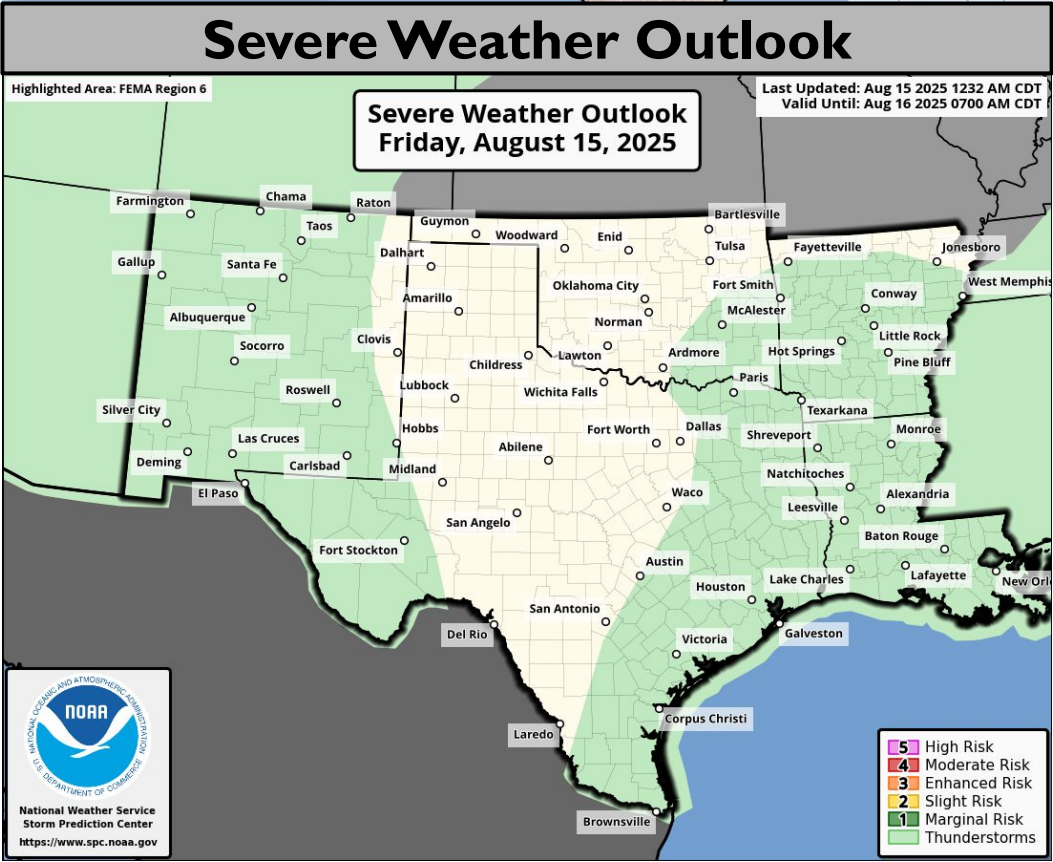
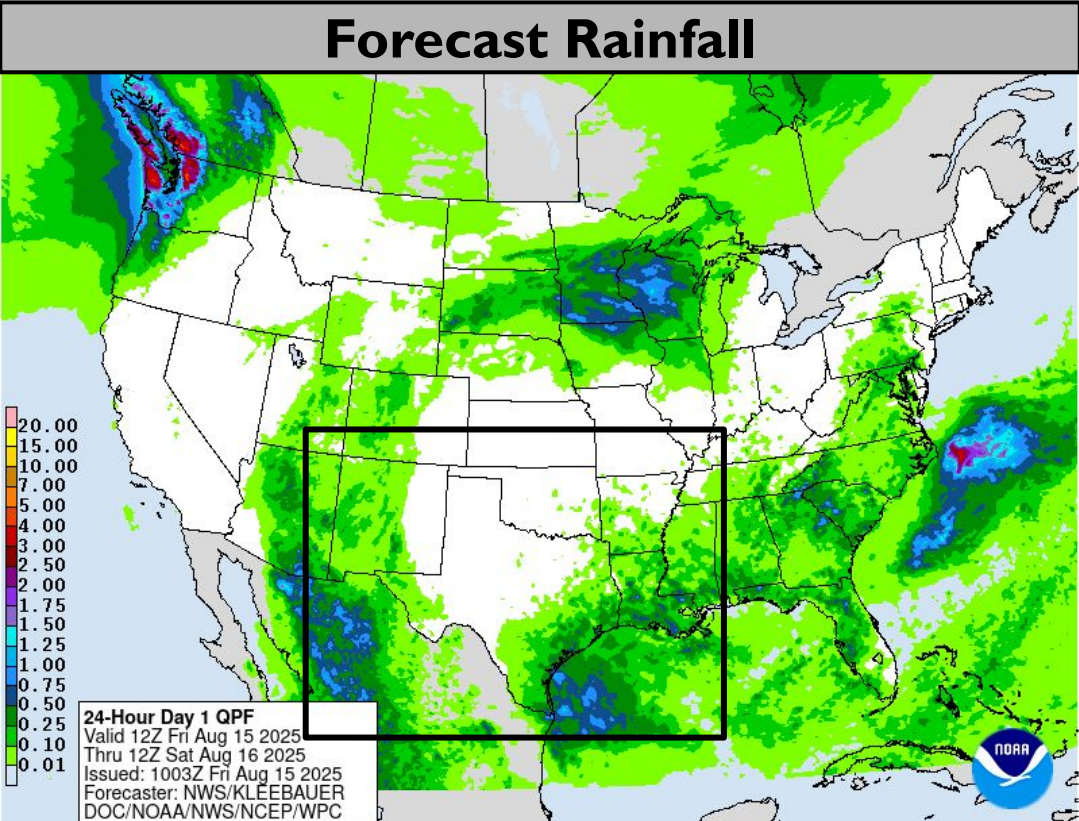
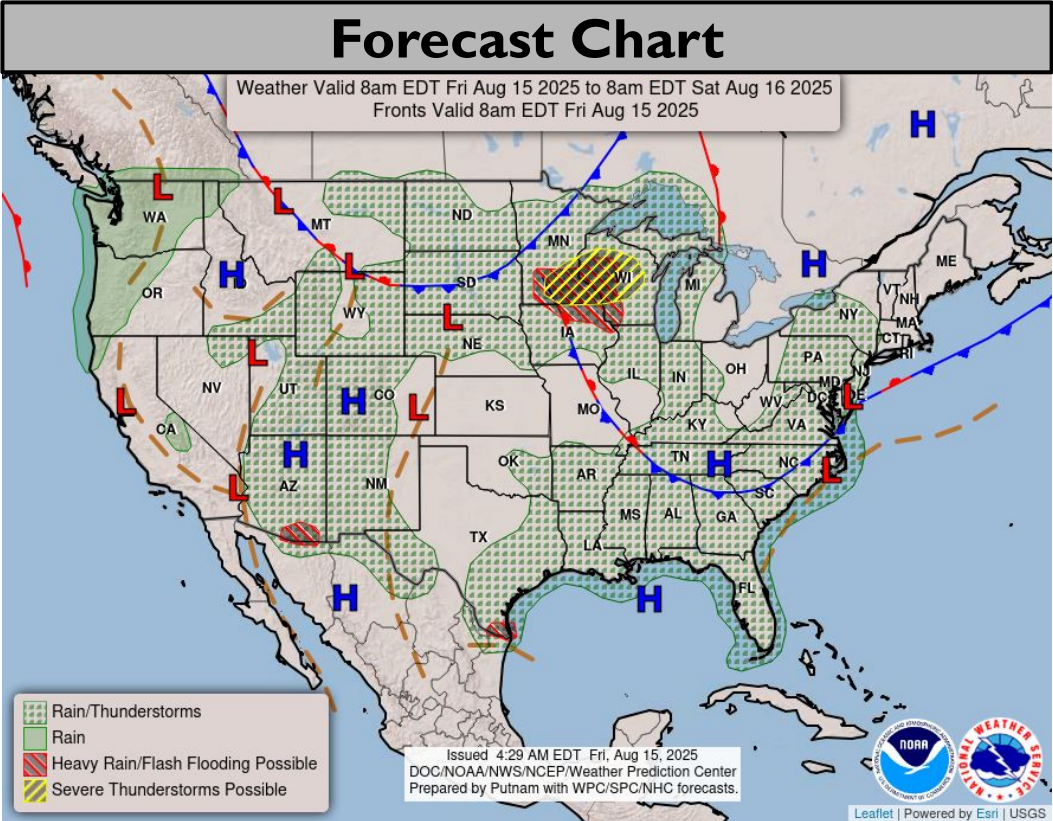
No river significant flooding.

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



Excessive heat in OK,AR, NE TX, LA.

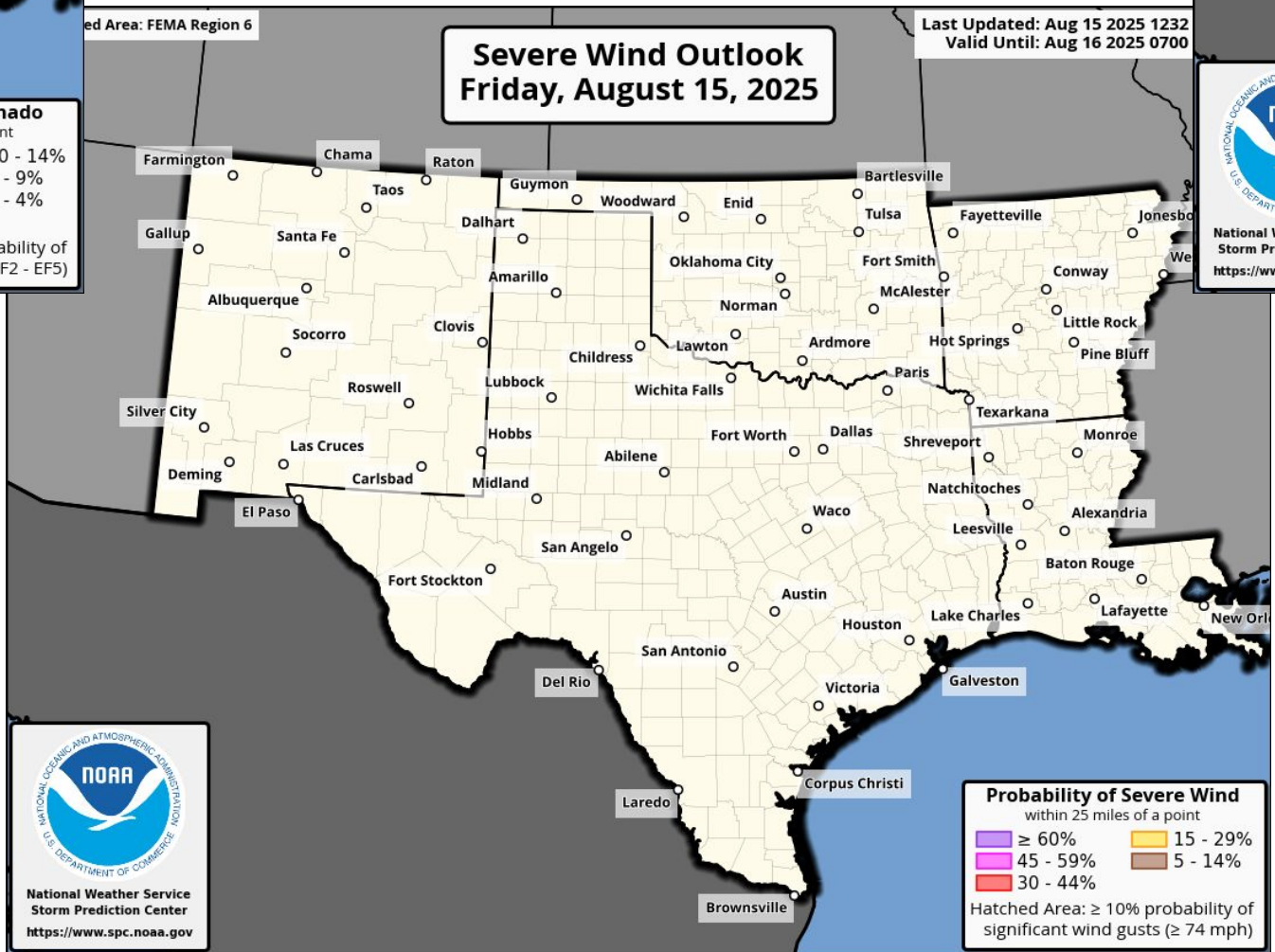
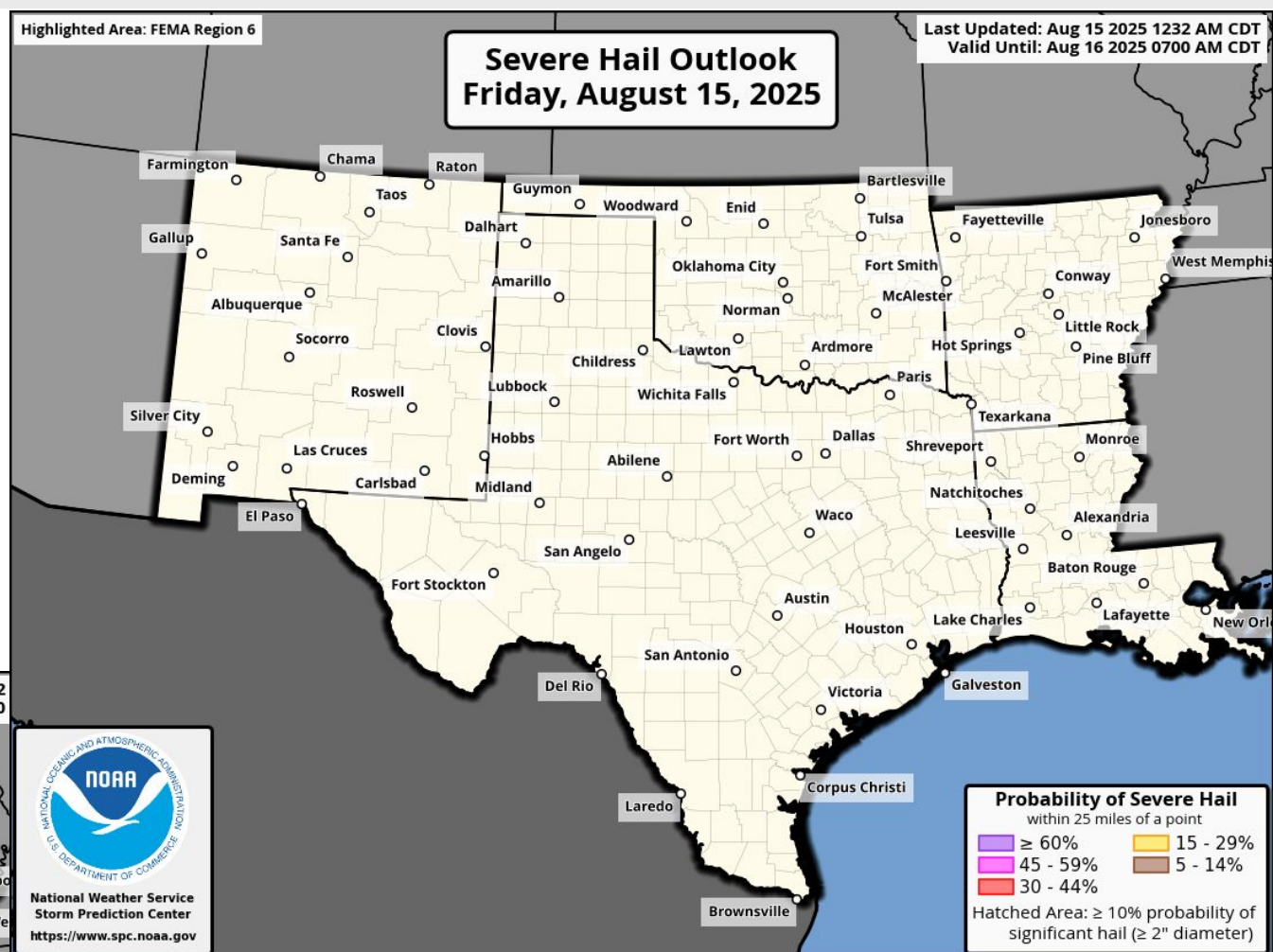
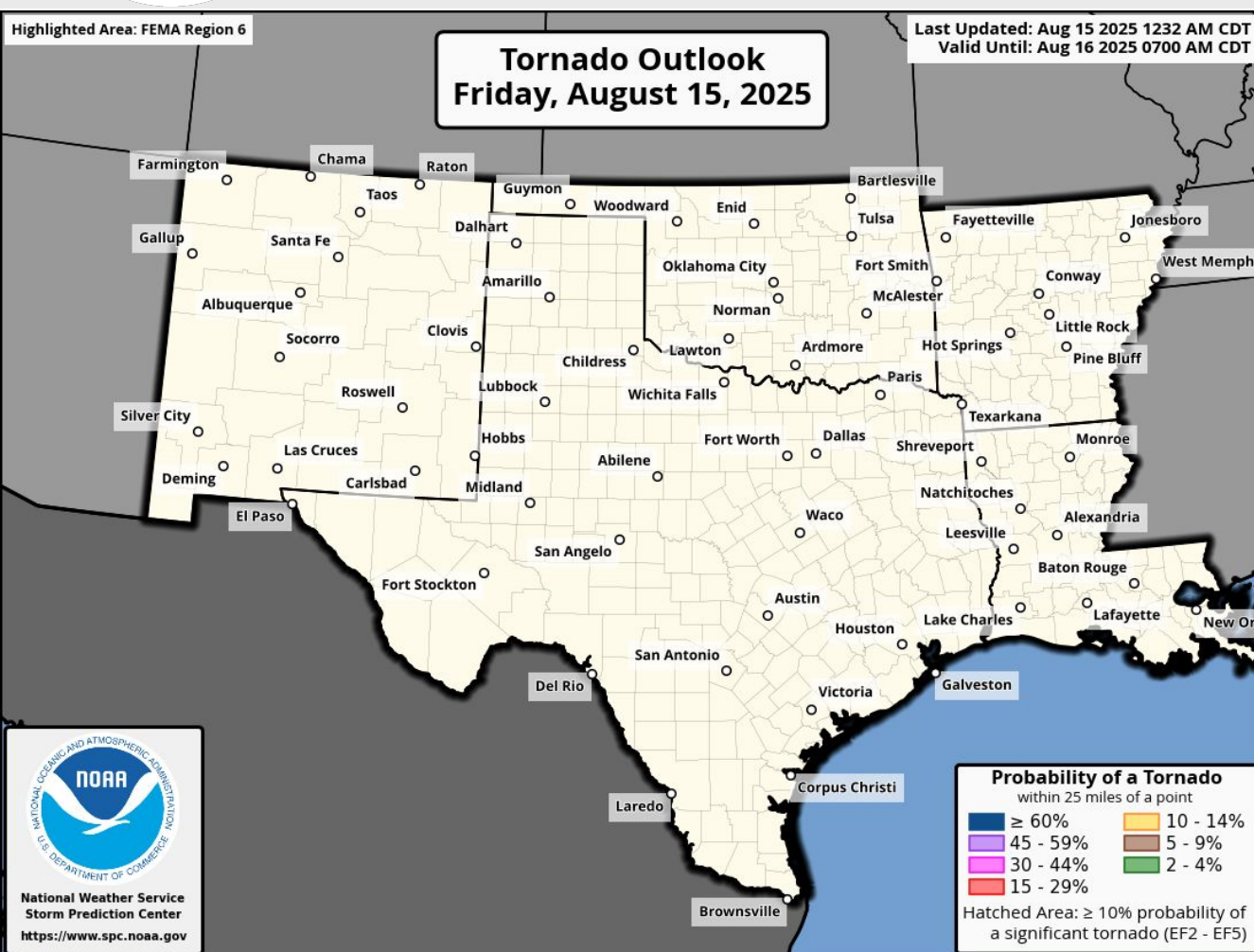
Slight risk (level 2 of 4) for flash flooding in STX.

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





Today's Tornado & Severe Wind / Hail Probabilities



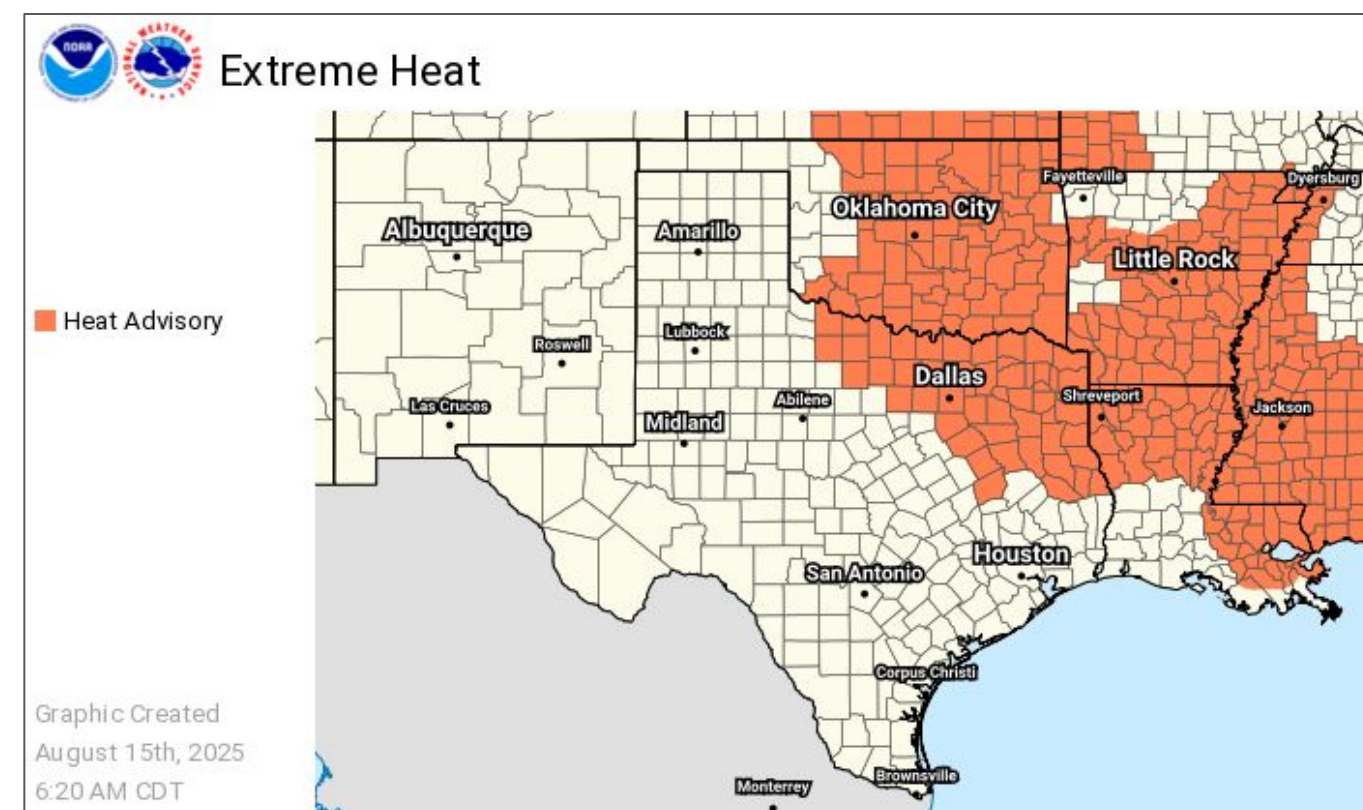


Watches, Warnings, and Advisories

Wind, Severe, Heat, and Flood Hazards



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

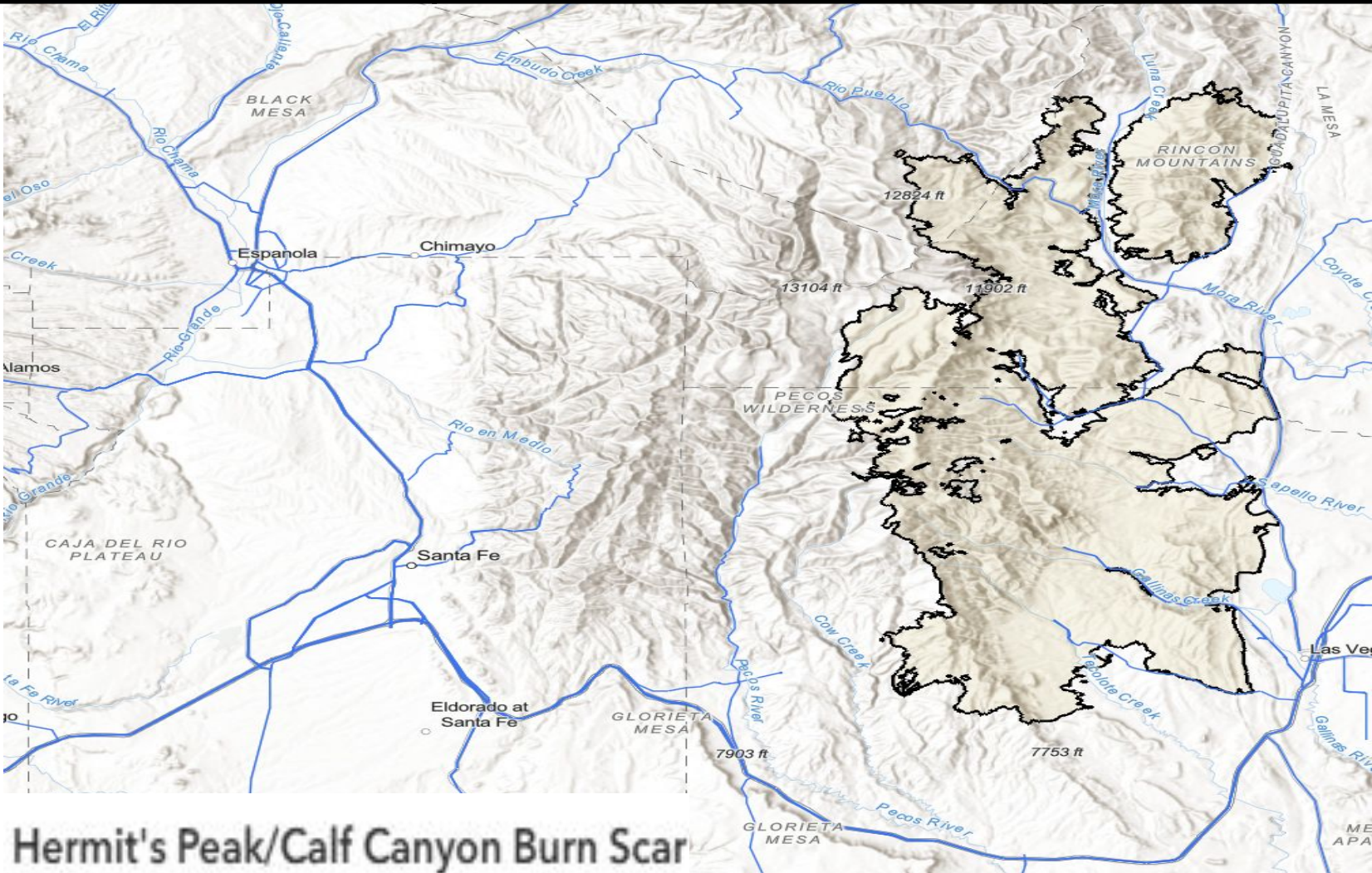




Burn Scar Debris Flow Risk - HPCC Scar New Mexico

Hermit's Peak/Calf Canyon Burn Scar

	Friday, Aug 15	Saturday, Aug 16	Sunday, Aug 17	Monday, Aug 18
Flash Flooding	Major	Major	Major	Major
Timing - CDT	1pm-11pm	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.	

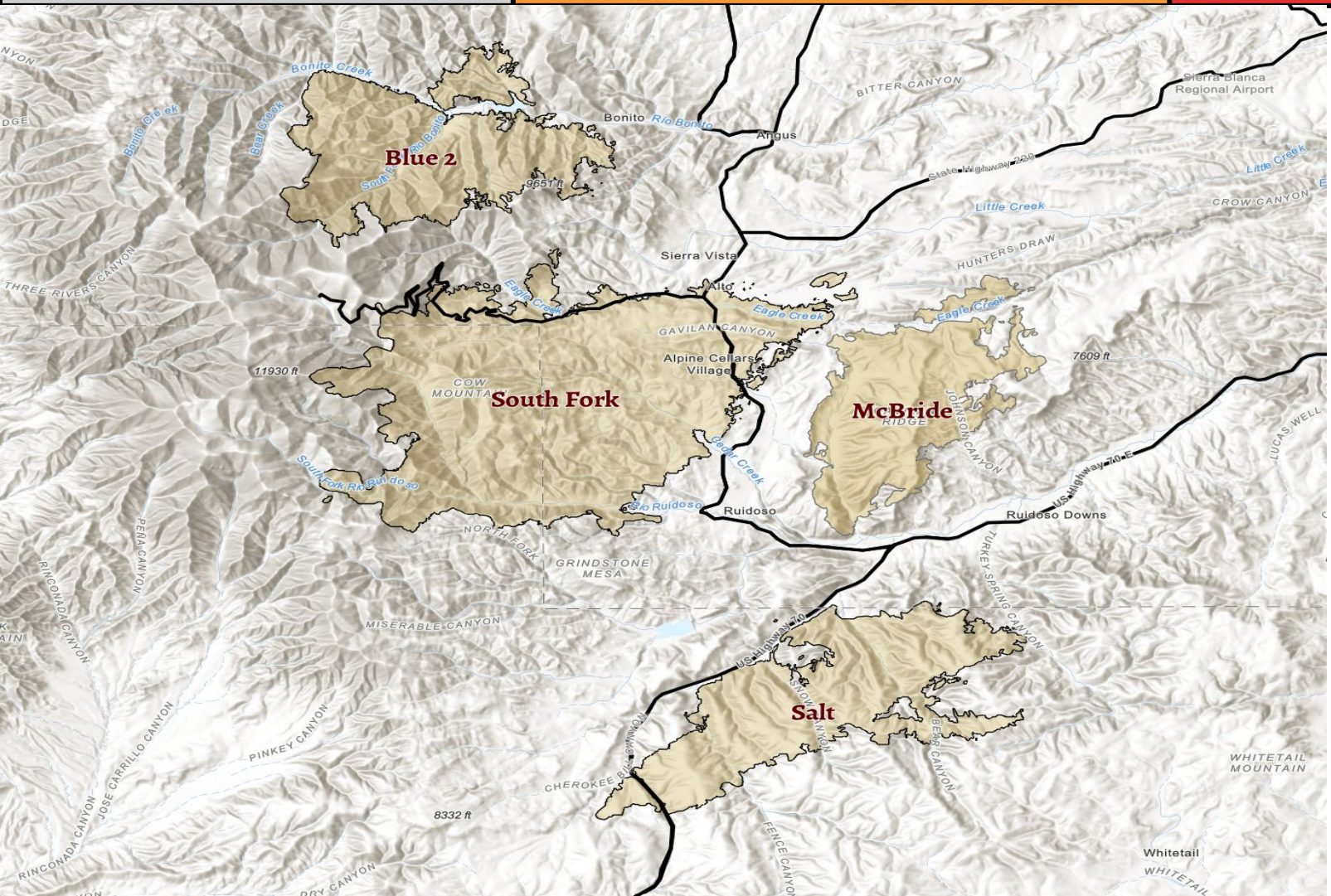




Burn Scar Debris Flow Risk - Ruidoso, New Mexico

Sacramento Complex

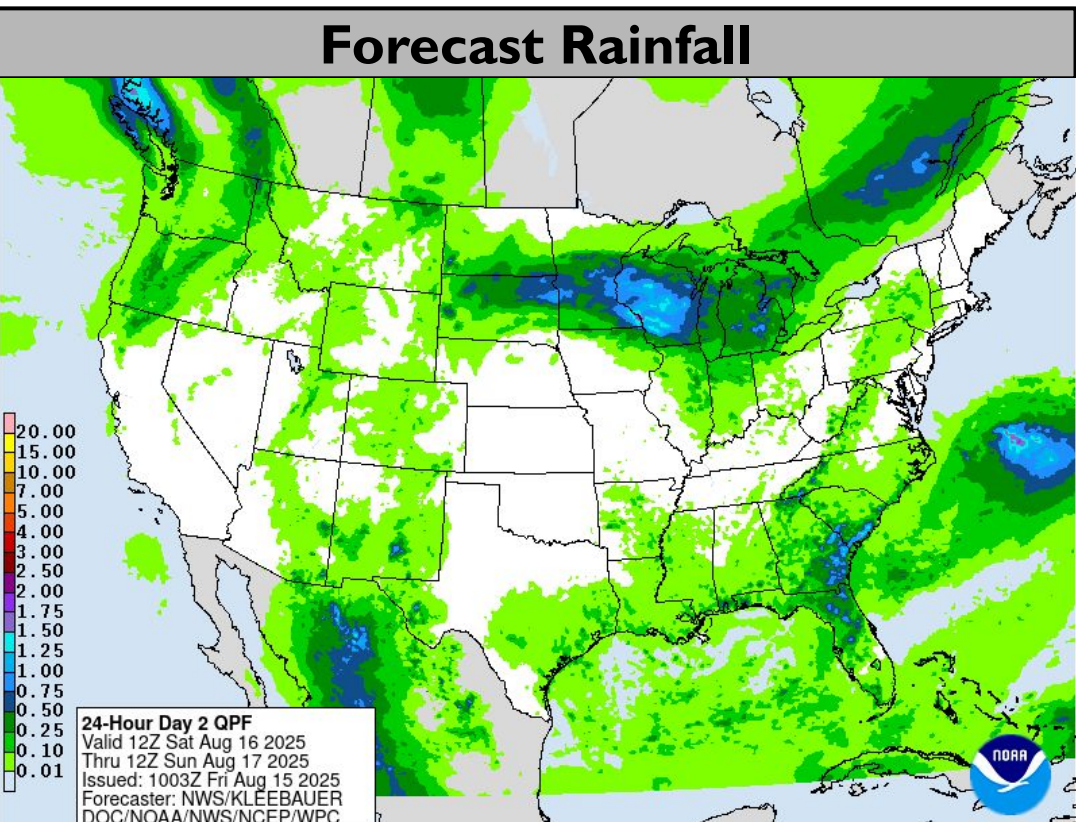
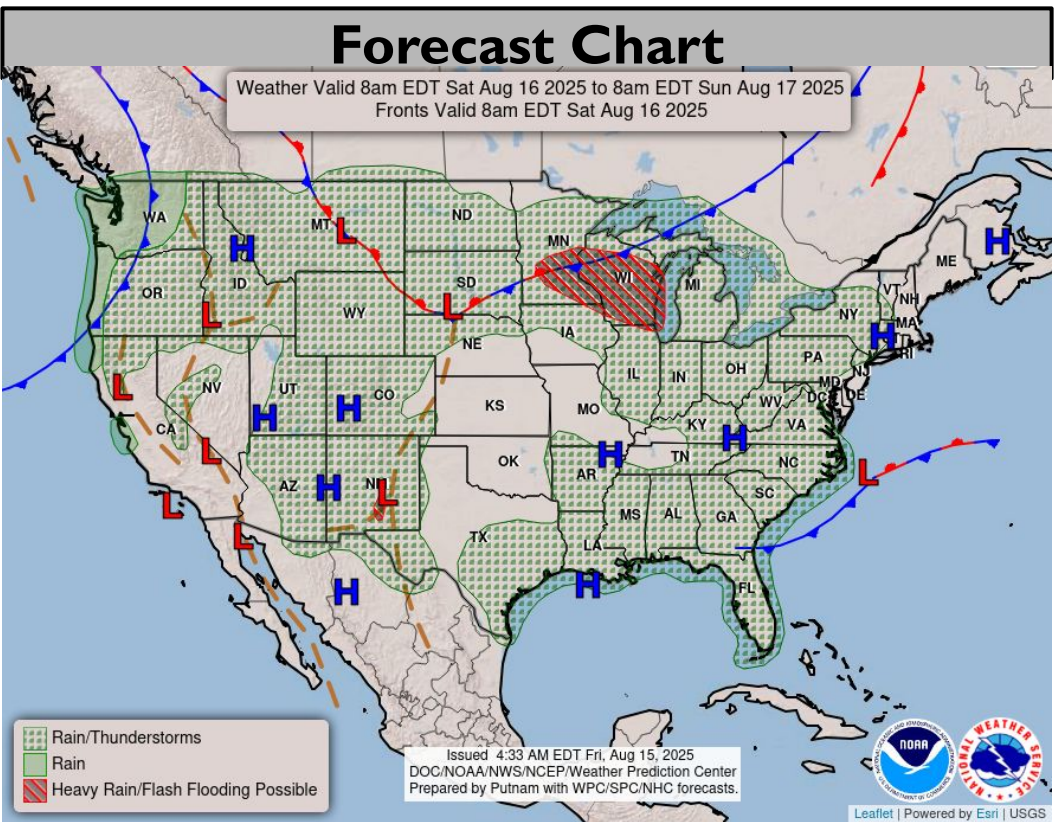
	Friday, Aug 15	Saturday, Aug 16	Sunday, Aug 17	Monday, Aug 18
Flash Flooding	Moderate	Major	Major	Major
Timing - CDT	noon-midnight	Afternoon/Evening	Afternoon/Evening	Afternoon/Evening



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">WPC's Excessive Rainfall Outlook is <i>Not Applicable</i> to burn scars.*Note* 2nd year burn scars can be <u>more dangerous</u> than year 1.	

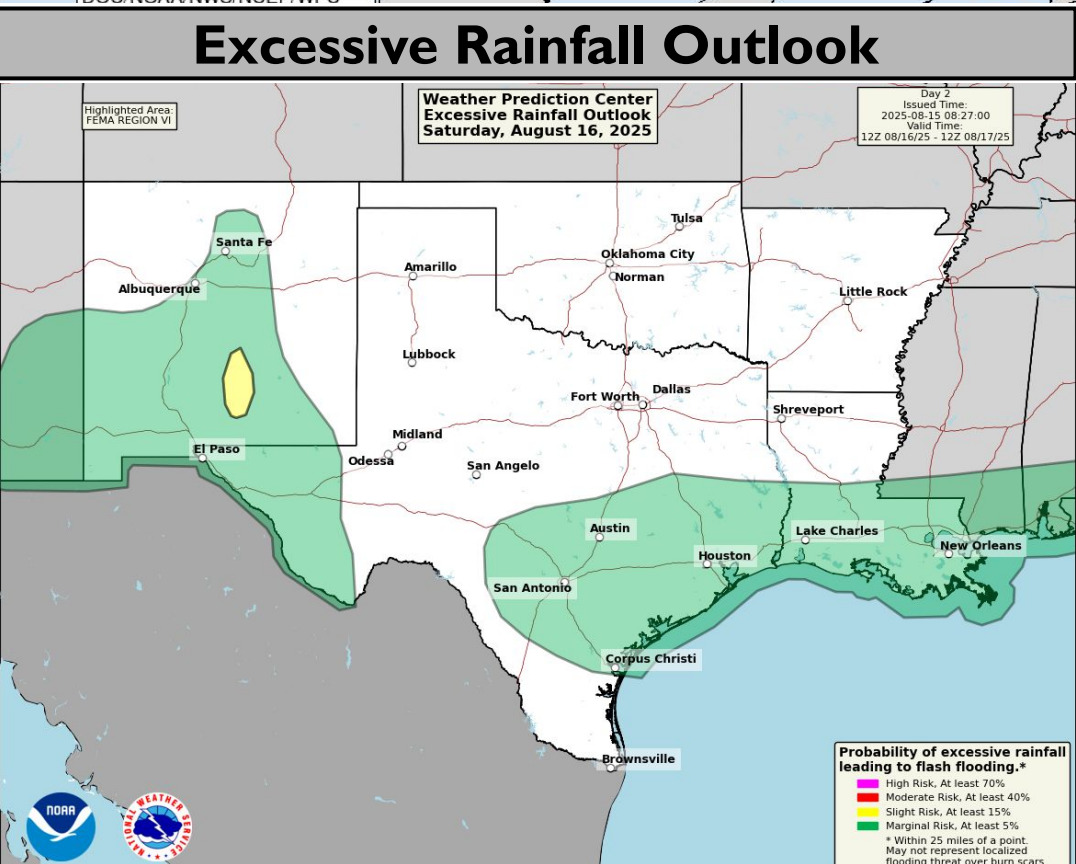
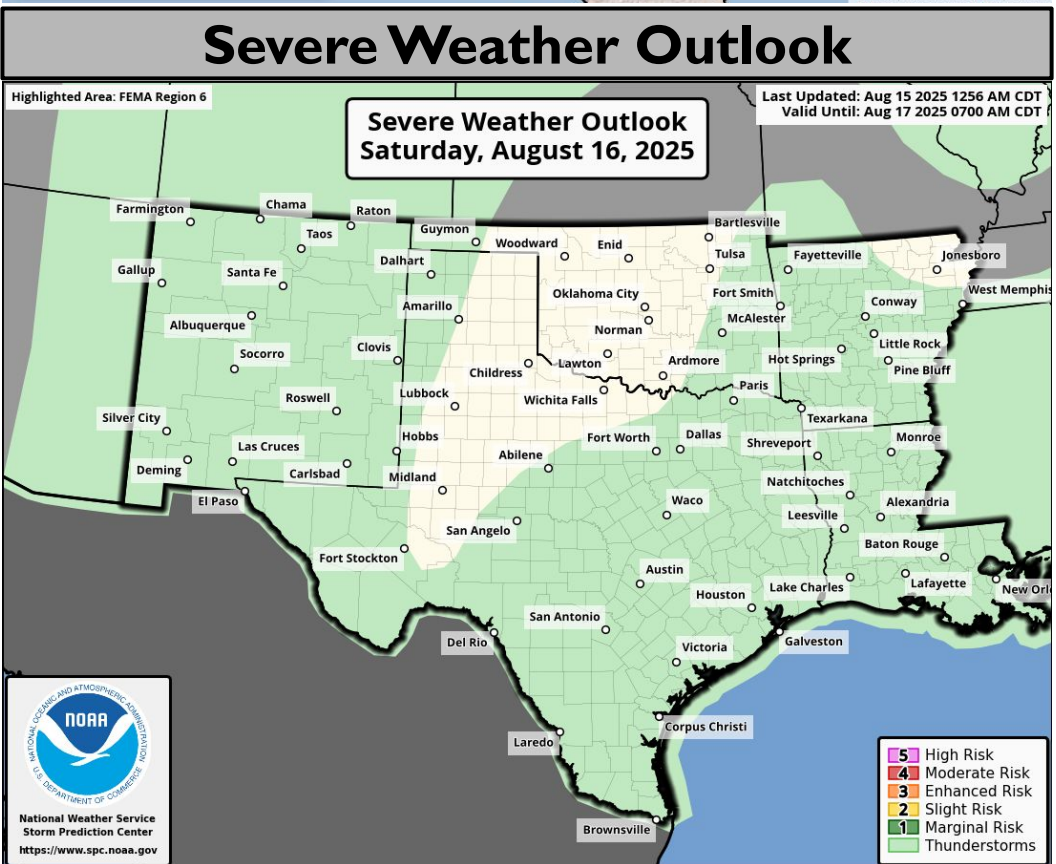


Tomorrow's Weather



Excessive heat in E OK, AR, E TX, LA.

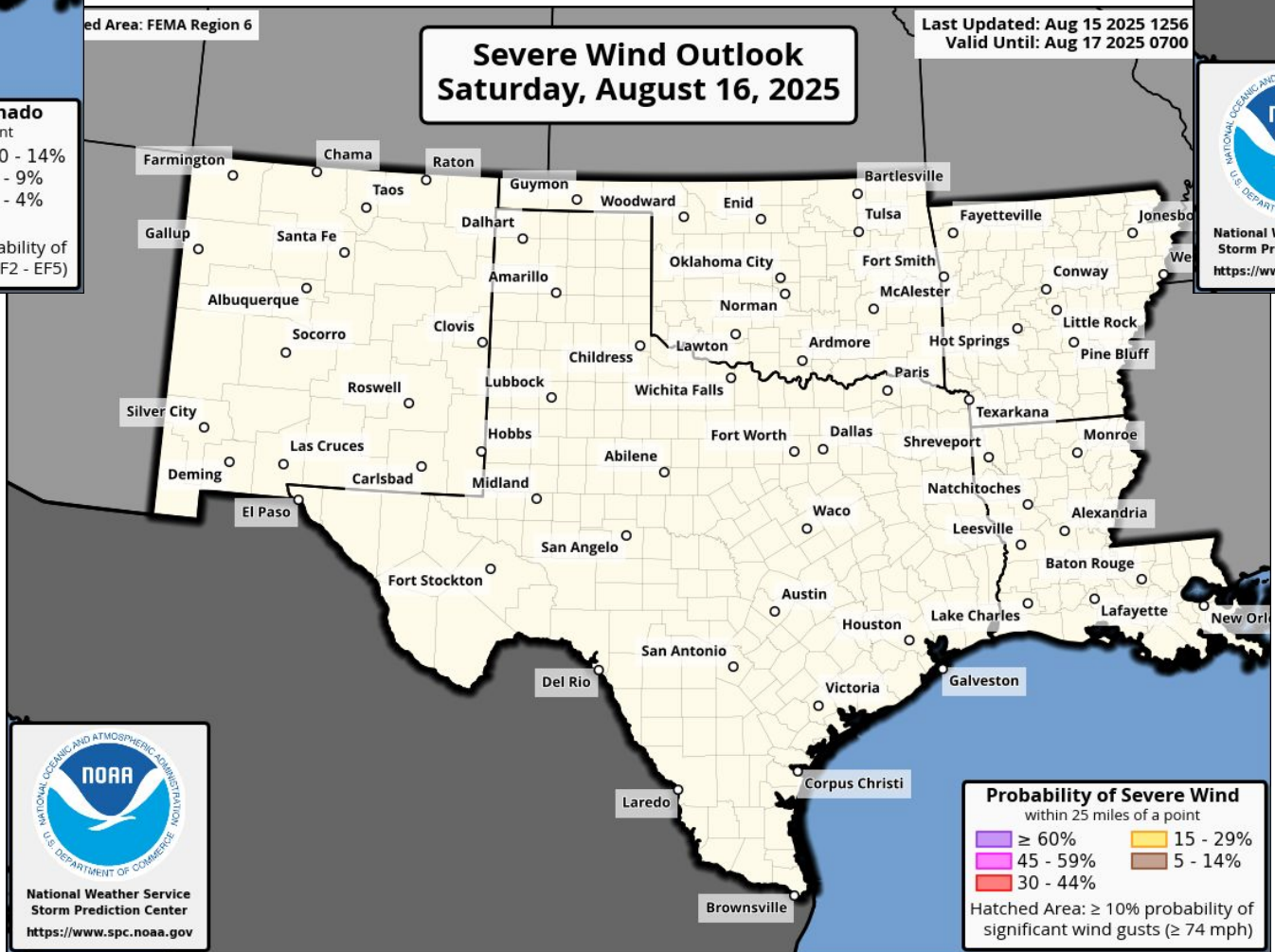
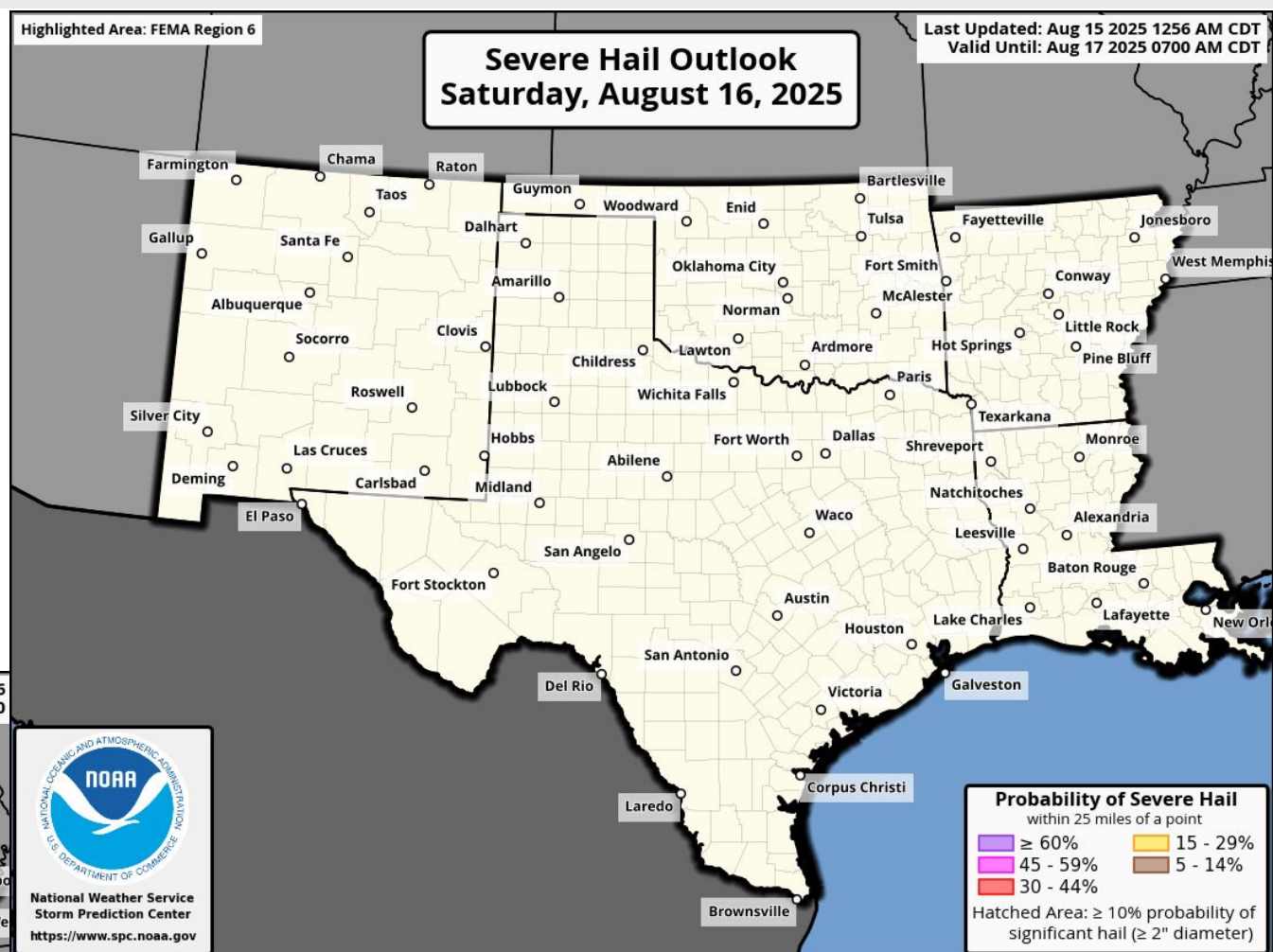
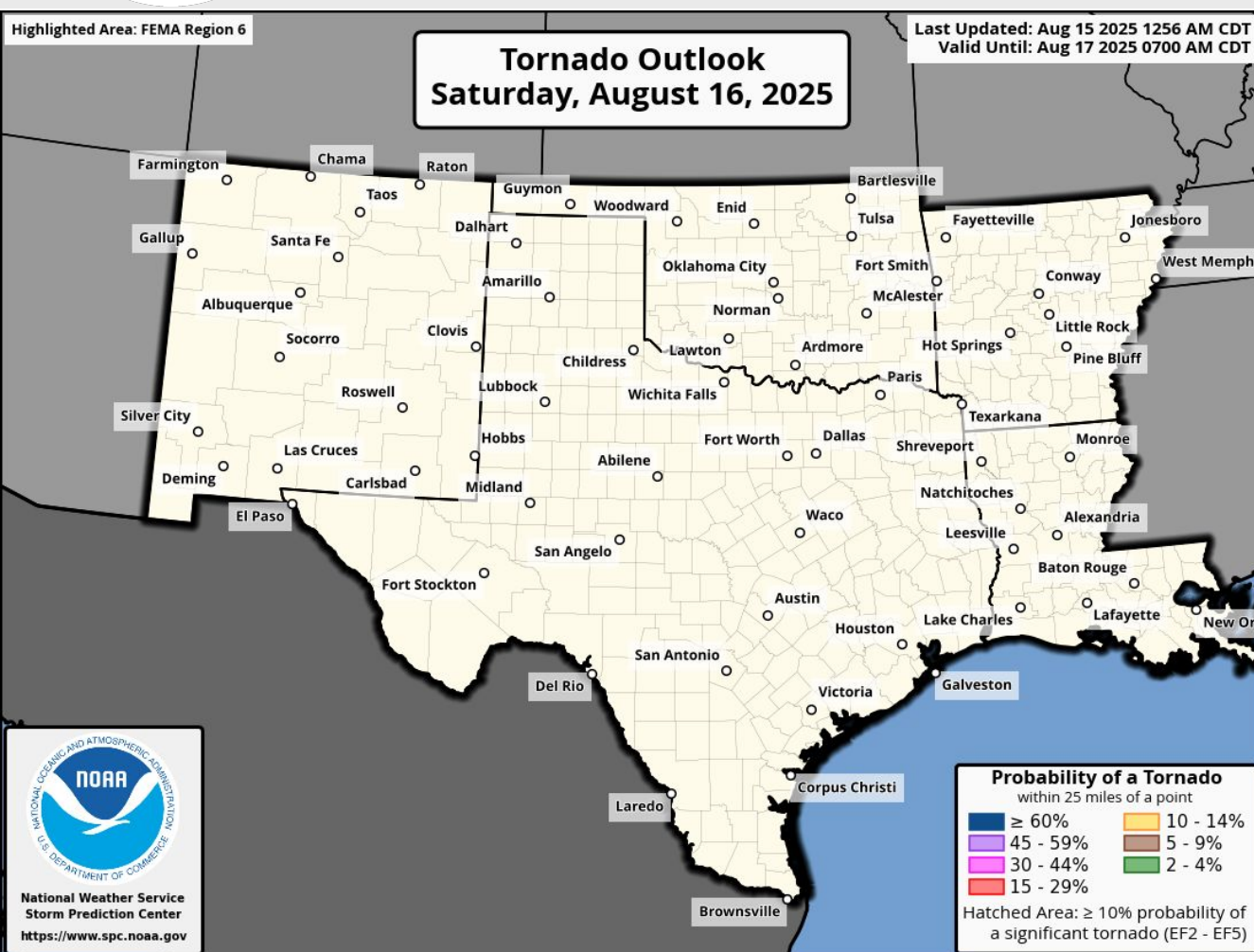
Marginal to Slight risk (levels 1-2 of 4) for flash flooding in NM, far W TX, C/SE/ETX, LA.



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



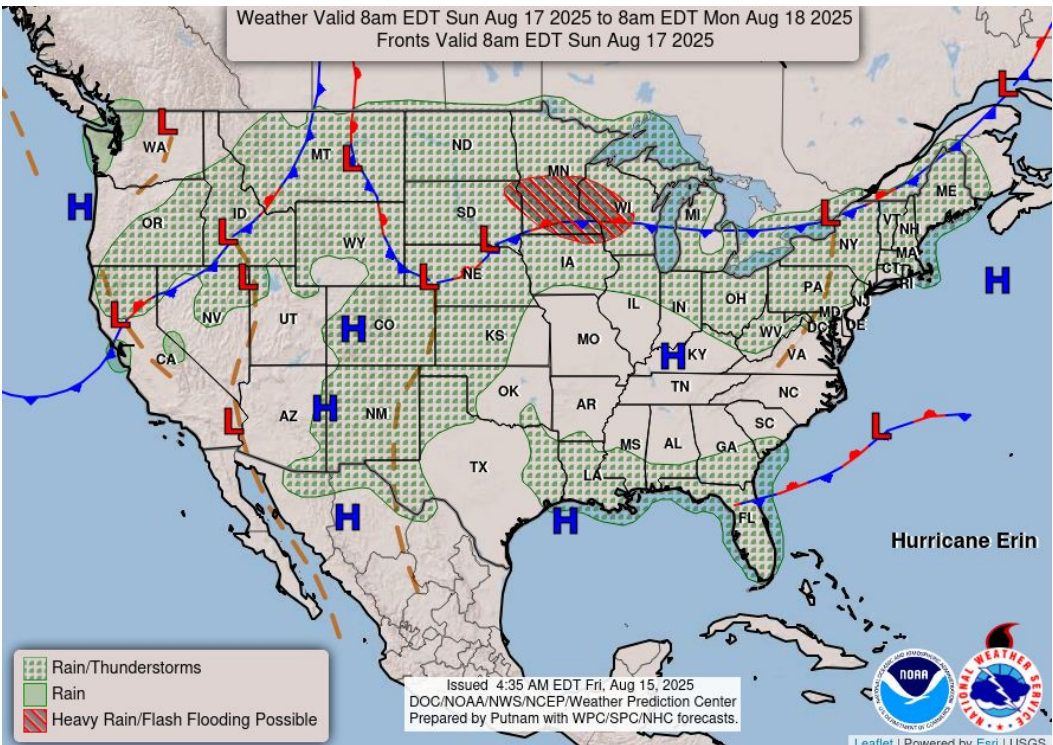
Tomorrow's Tornado & Severe Wind / Hail Probabilities



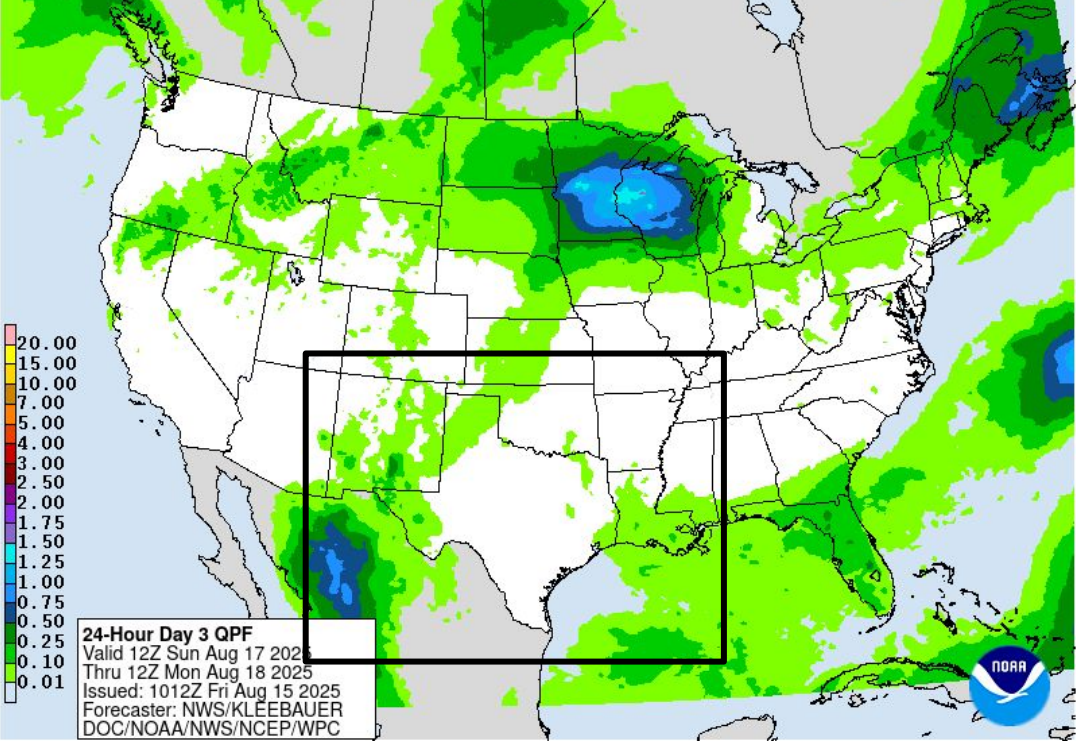


Sunday's Weather

Forecast Chart



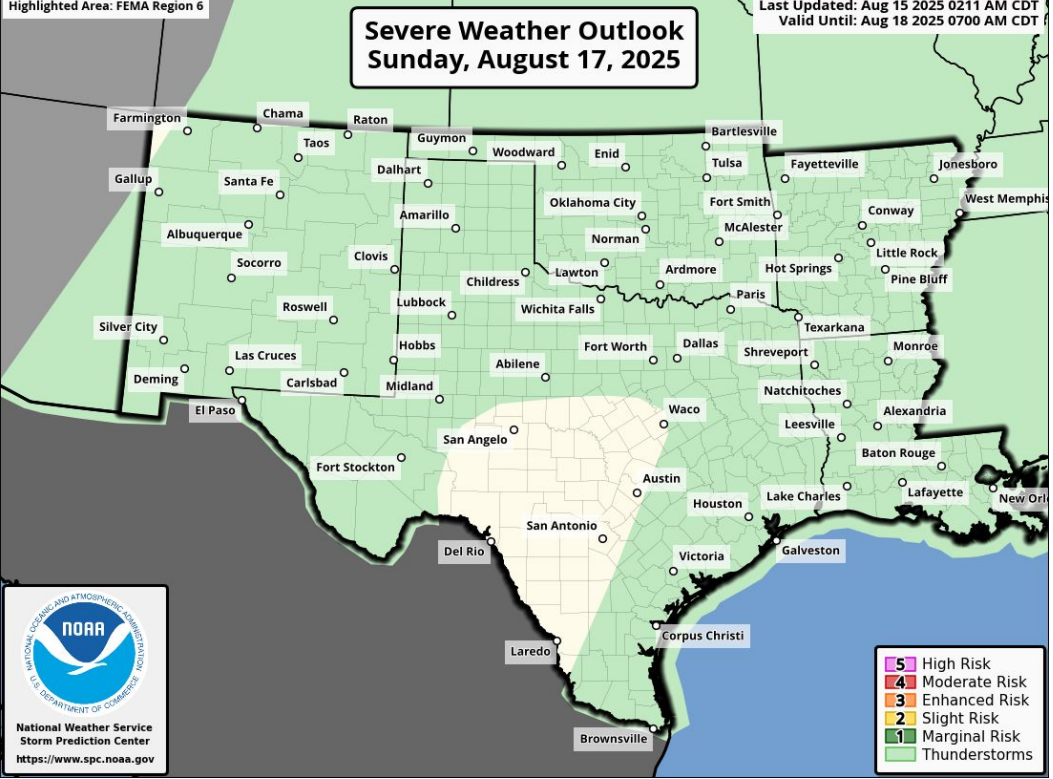
Forecast Rainfall



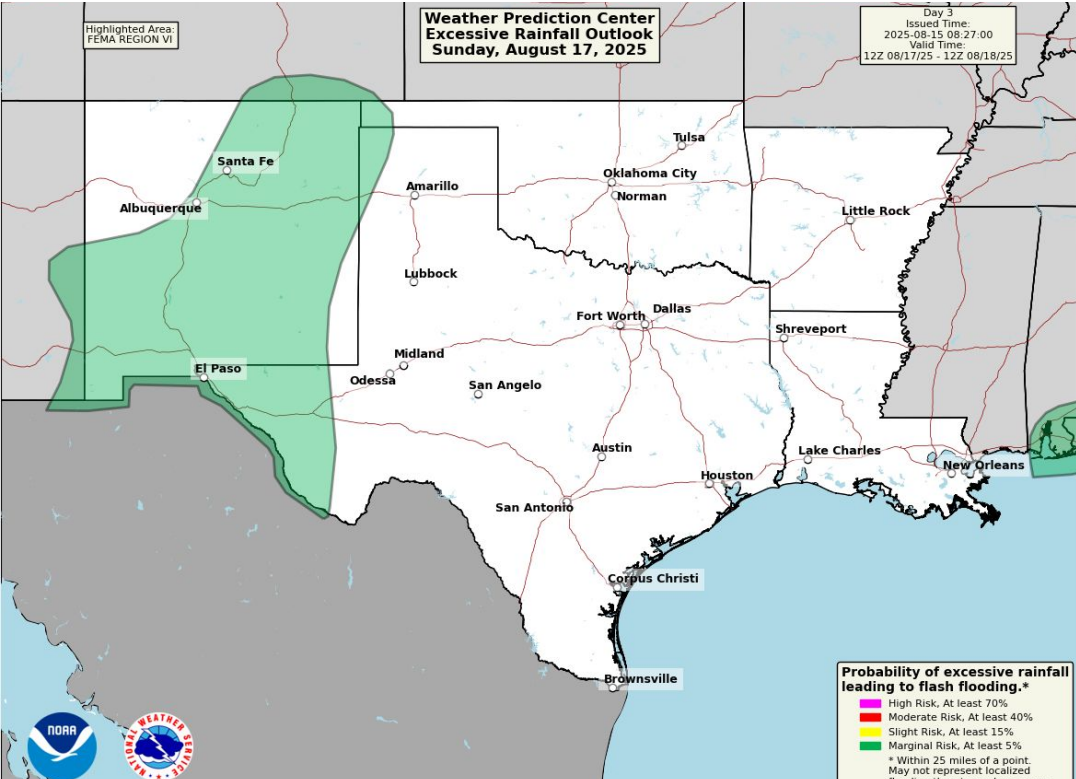
Excessive heat in E OK, AR, E TX, LA.

Marginal risk (level 1 of 4) for flash flooding in NM and far W TX.

Severe Weather Outlook



Excessive Rainfall Outlook



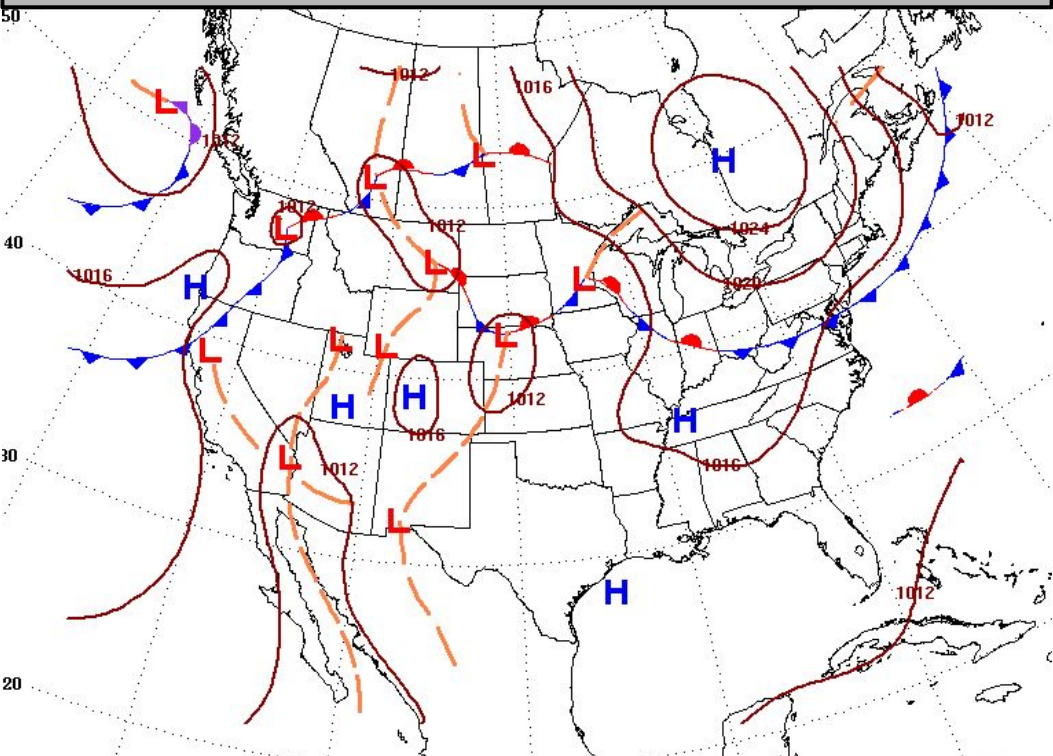
Burn Scar Flash Flooding information on Burn Scar Matrix slides



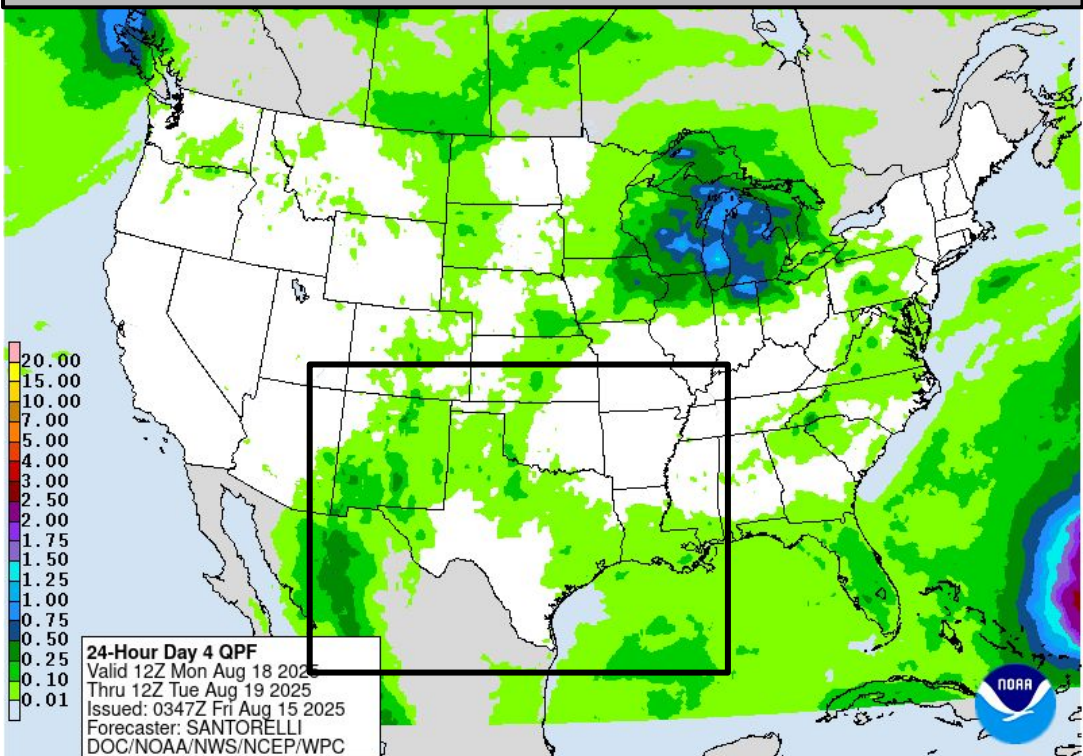


Monday's Weather

Forecast Chart



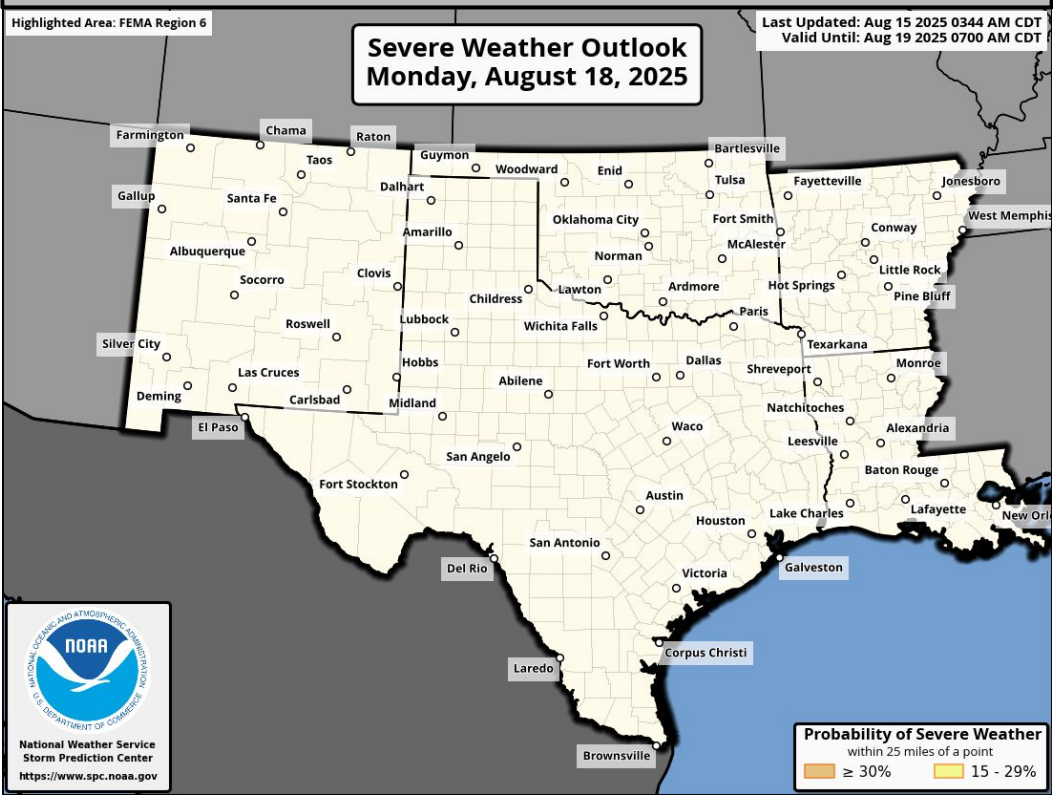
Forecast Rainfall



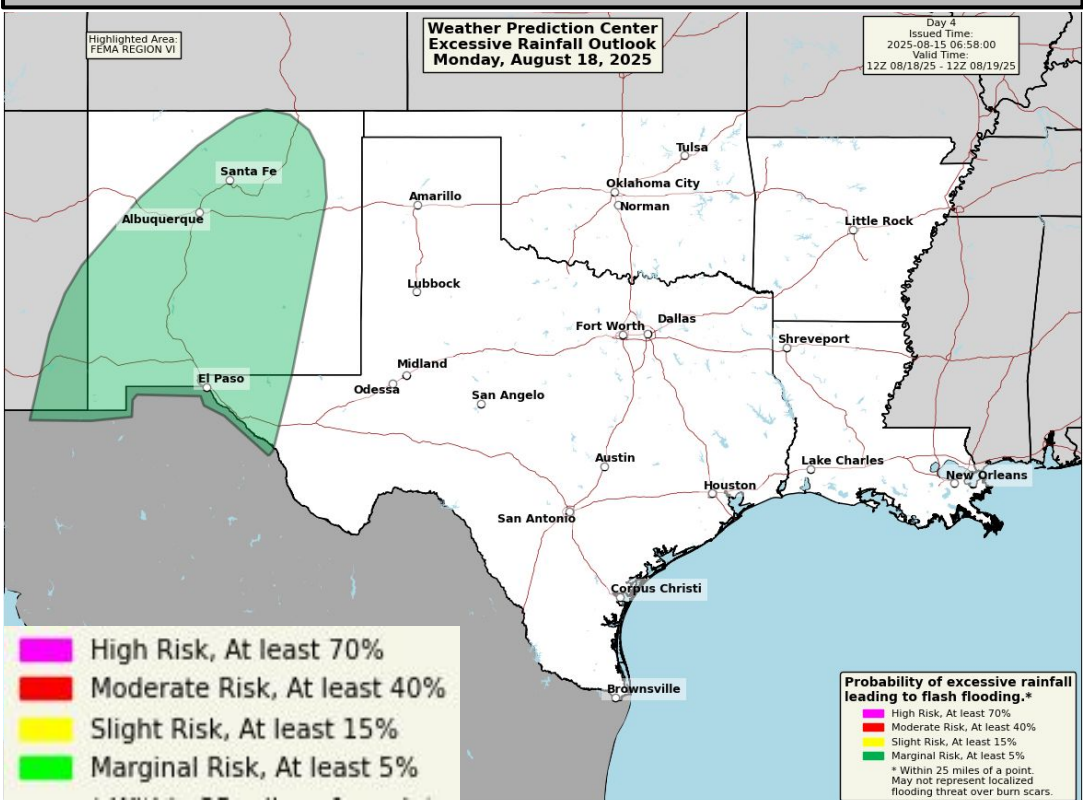
Excessive heat in AR, E TX, LA.

Marginal risk (level I of 4) for flash flooding in NM and far W TX.

Severe Weather Outlook



Excessive Rainfall Outlook

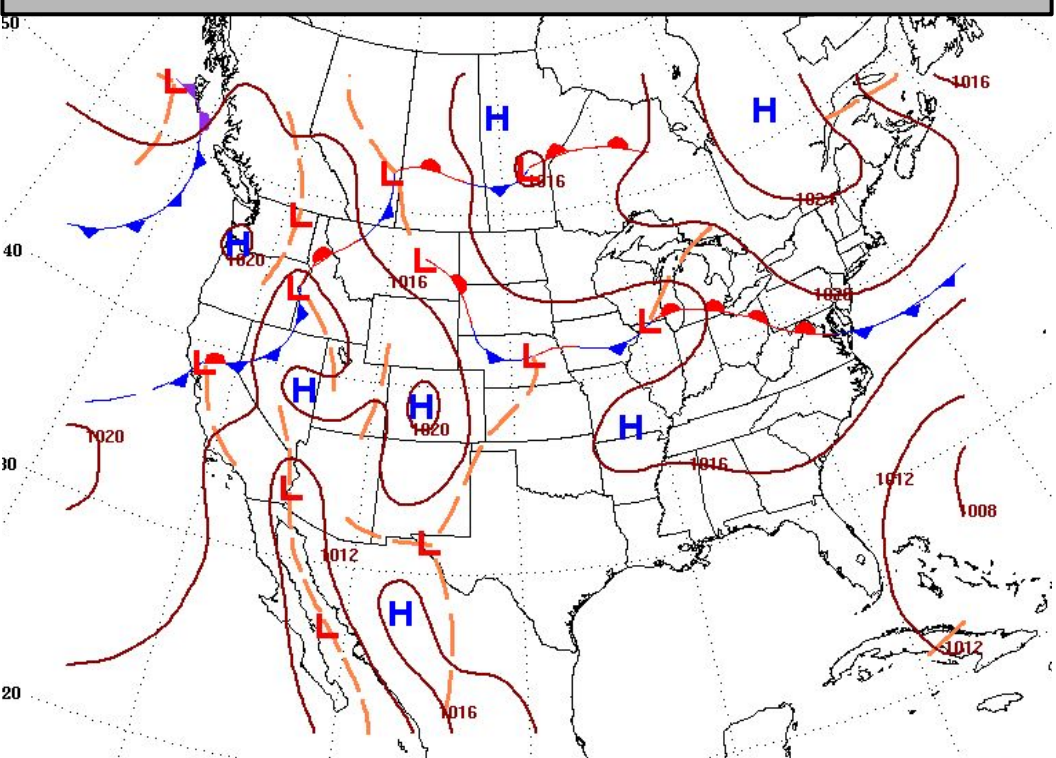


Burn Scar Flash Flooding information on Burn Scar Matrix slides

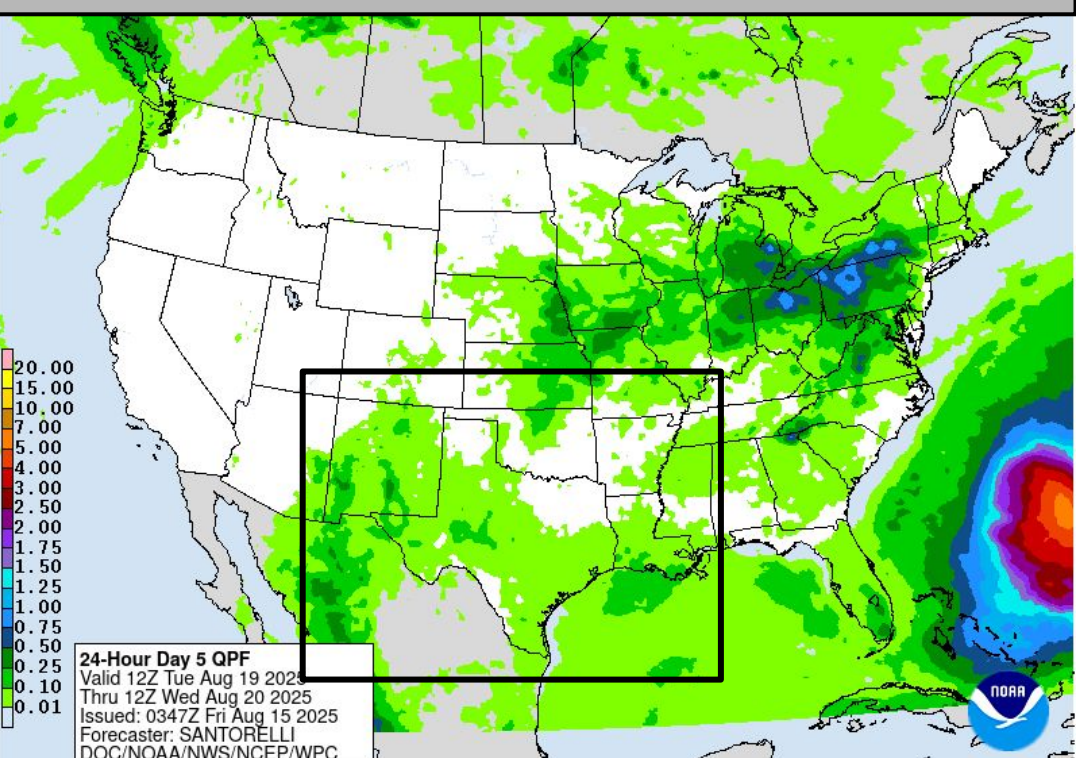


Tuesday's Weather

Forecast Chart



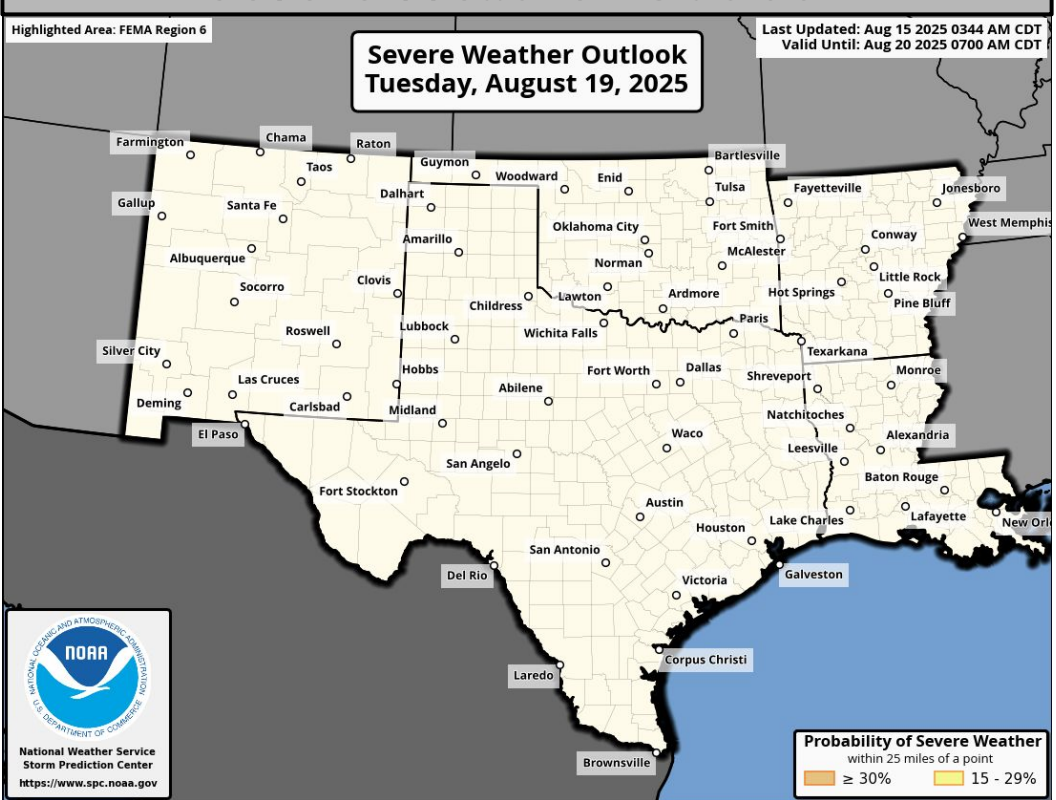
Forecast Rainfall



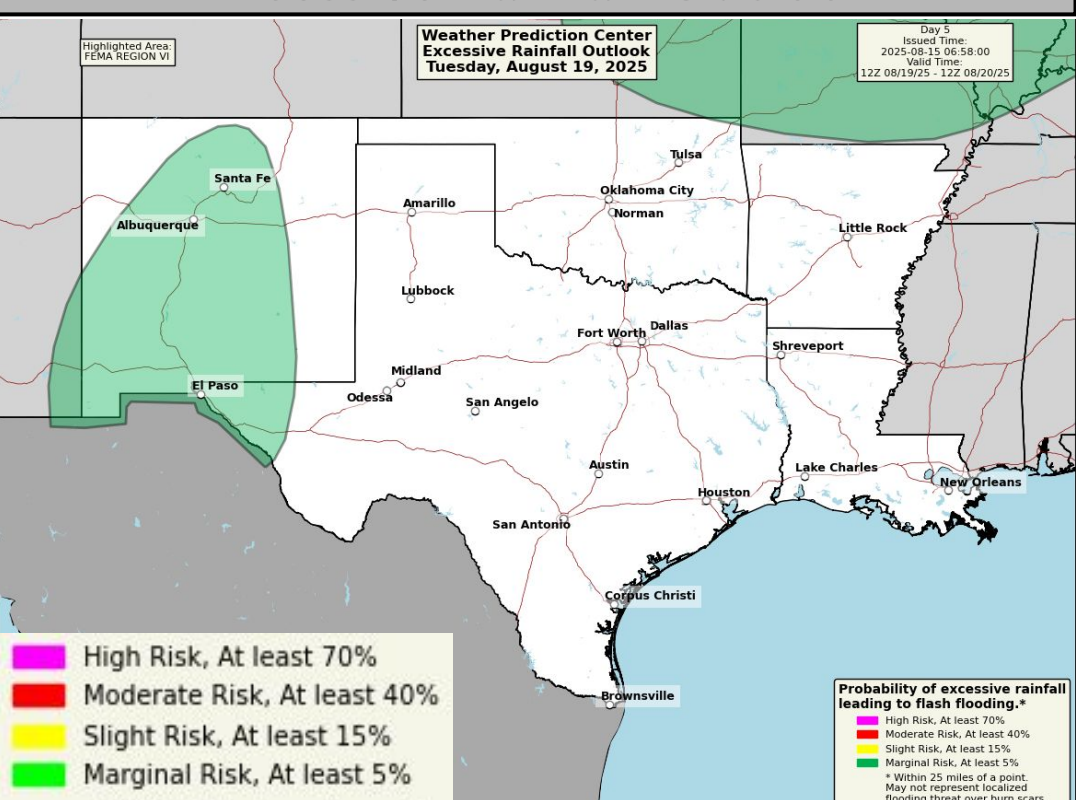
Excessive heat in AR, E TX, LA.

Marginal risk (level I of 4) for flash flooding in NM and far W TX.

Severe Weather Outlook



Excessive Rainfall Outlook





20.00
15.00
10.00
7.00
5.00
4.00
3.00
2.50
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.10
0.01

24-Hour Day 6 QPF
Valid 12Z Wed Aug 20 2025
Thru 12Z Thu Aug 21 2025
Issued: 0401Z Fri Aug 15 2025
Forecaster: SANTORELLI
DOC/NOAA/NWS/NCEP/WPC

NOAA

Marginal risk (level I of 4) for flash flooding in NM and far W TX.

Highlighted Area: FEMA Region 6

**Severe Weather Outlook
Wednesday, August 20, 2025**

Last Updated: Aug 15 2025 0344 AM CDT
Valid Until: Aug 21 2025 0700 AM CDT

Probability of Severe Weather
within 25 miles of a point

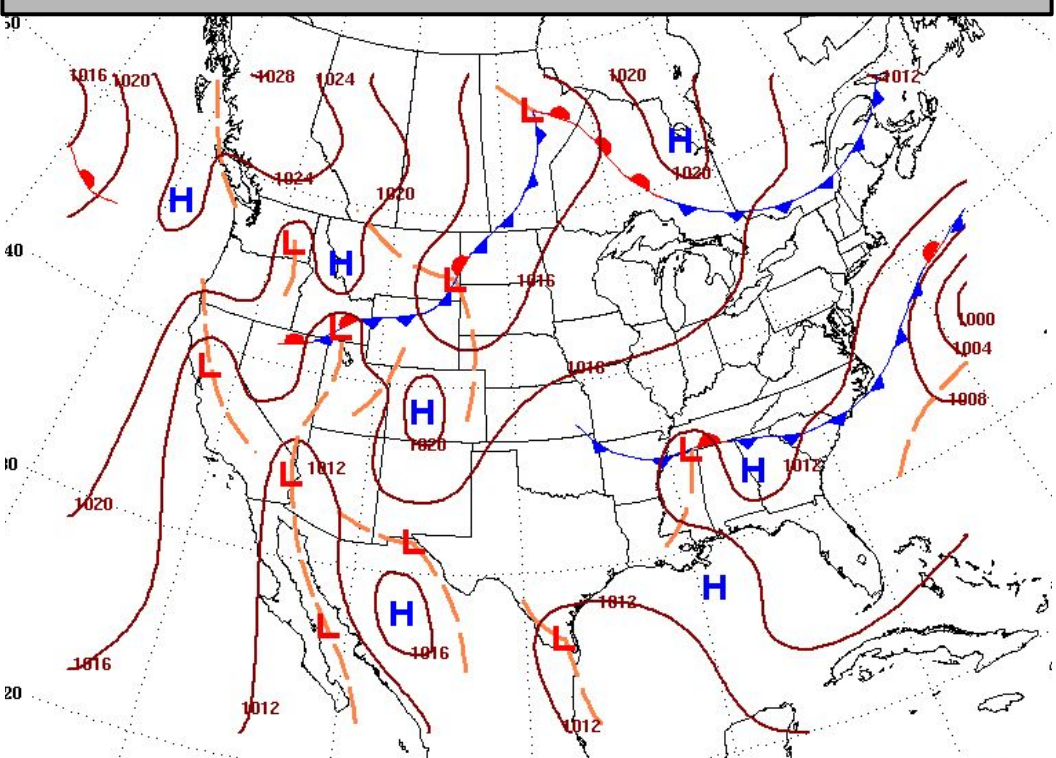
- ≥ 30%
- 15 - 29%

Excessive Rainfall Outlooks not available beyond Day 5

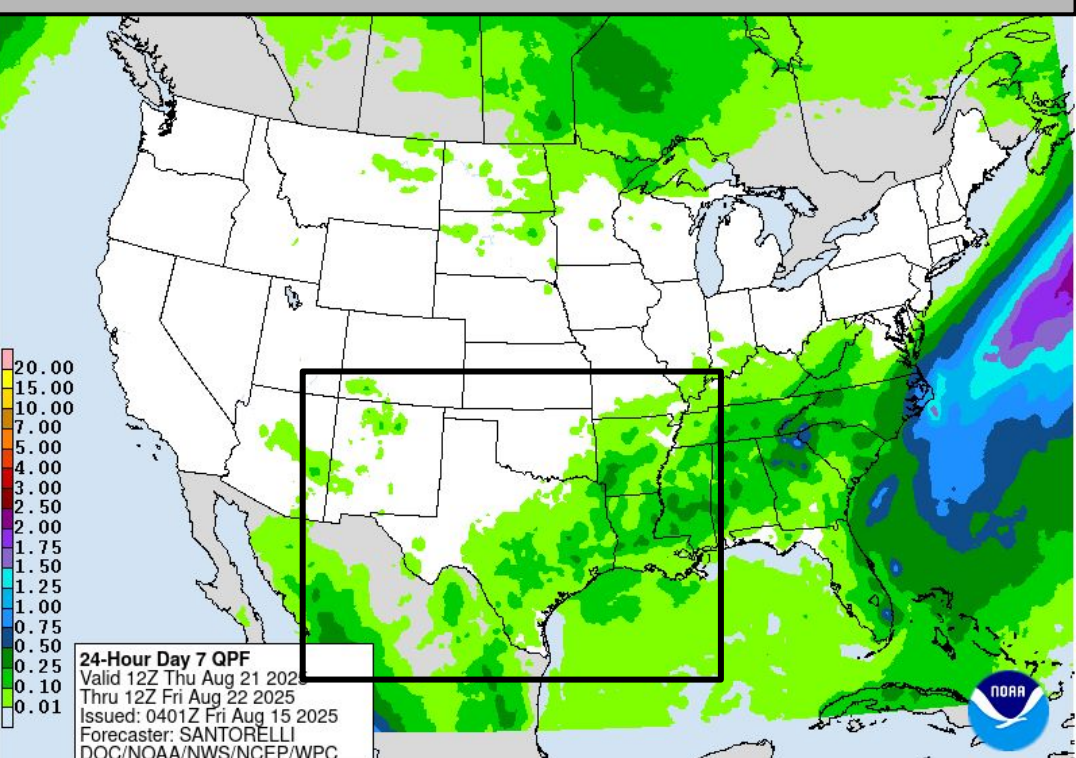


Thursday's Weather

Forecast Chart

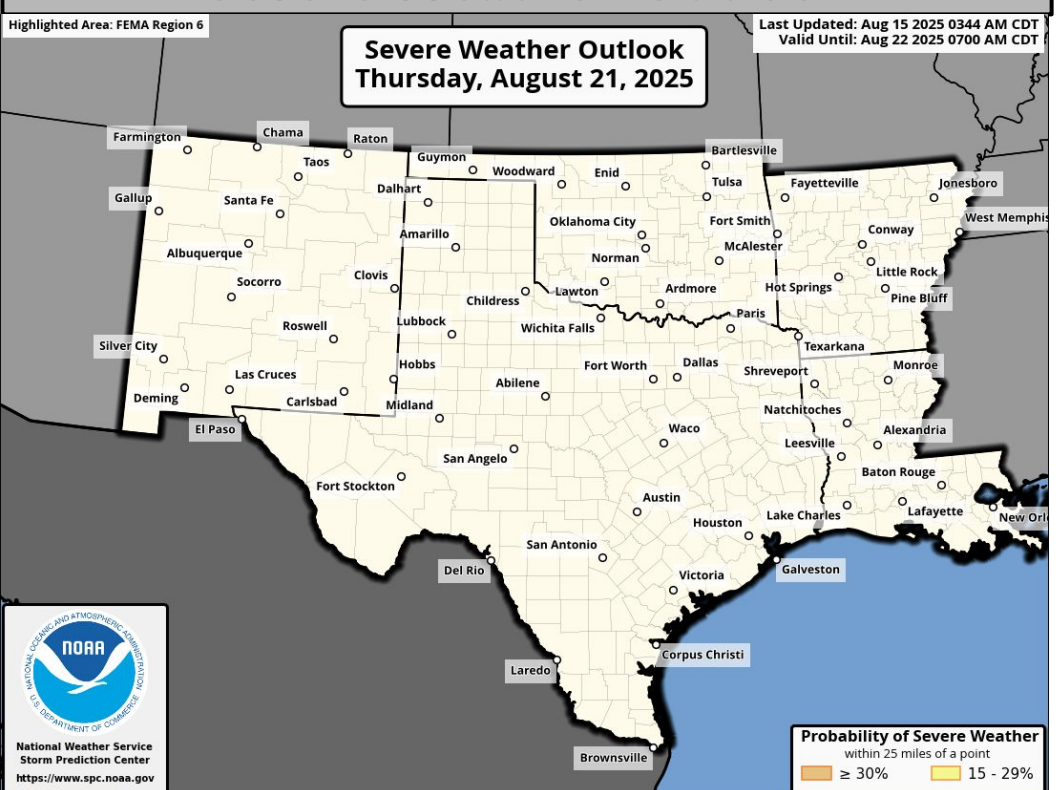


Forecast Rainfall



No significant weather expected.

Severe Weather Outlook

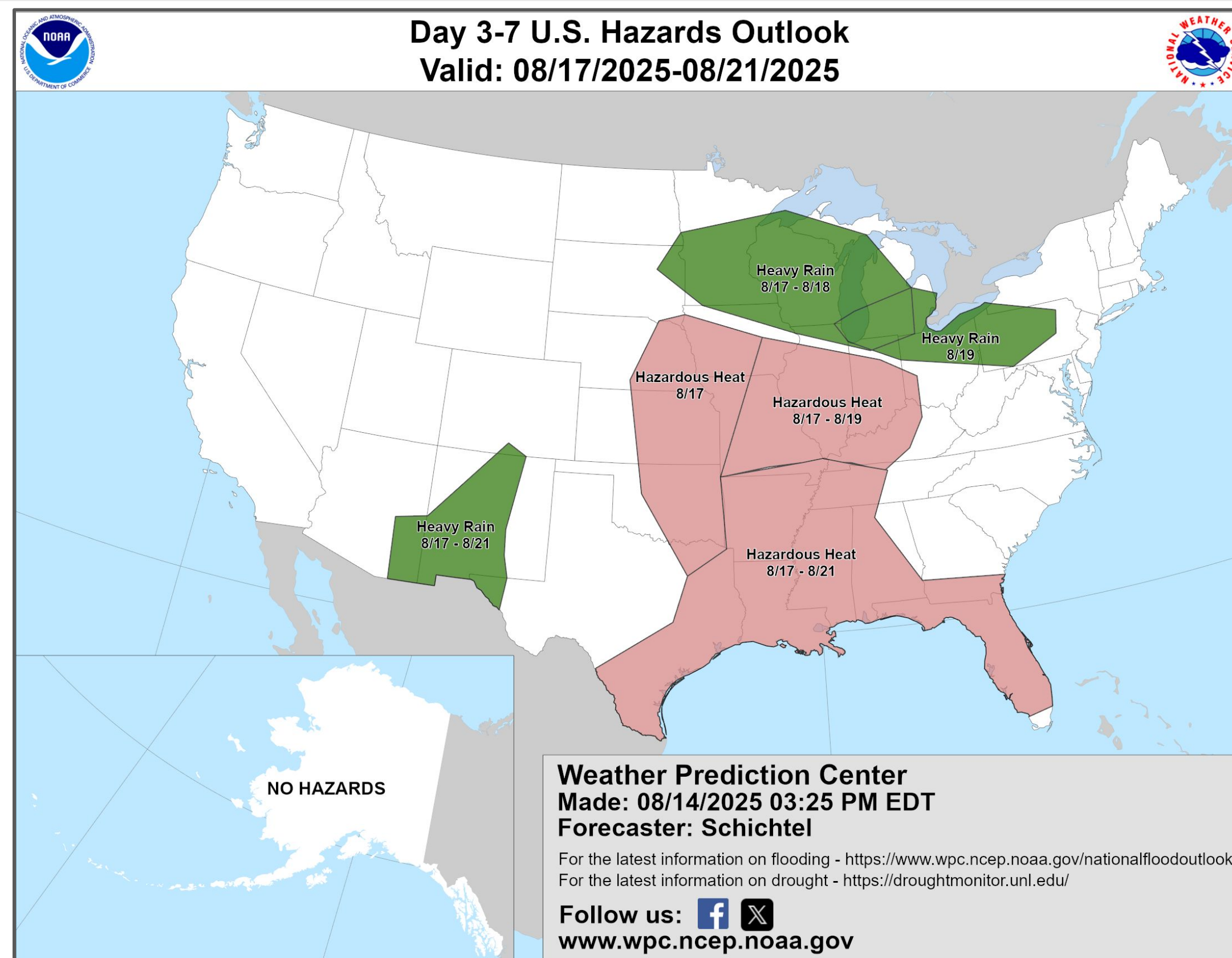


Excessive Rainfall Outlooks
not available beyond Day 5





“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:

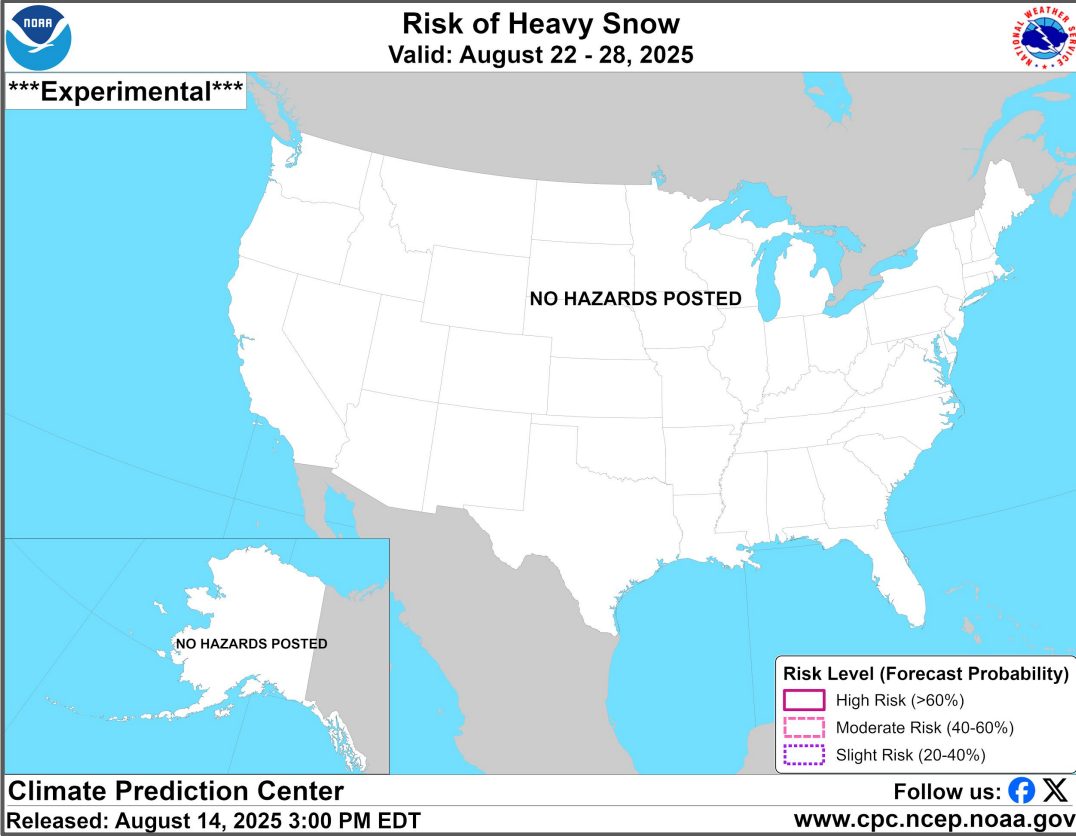
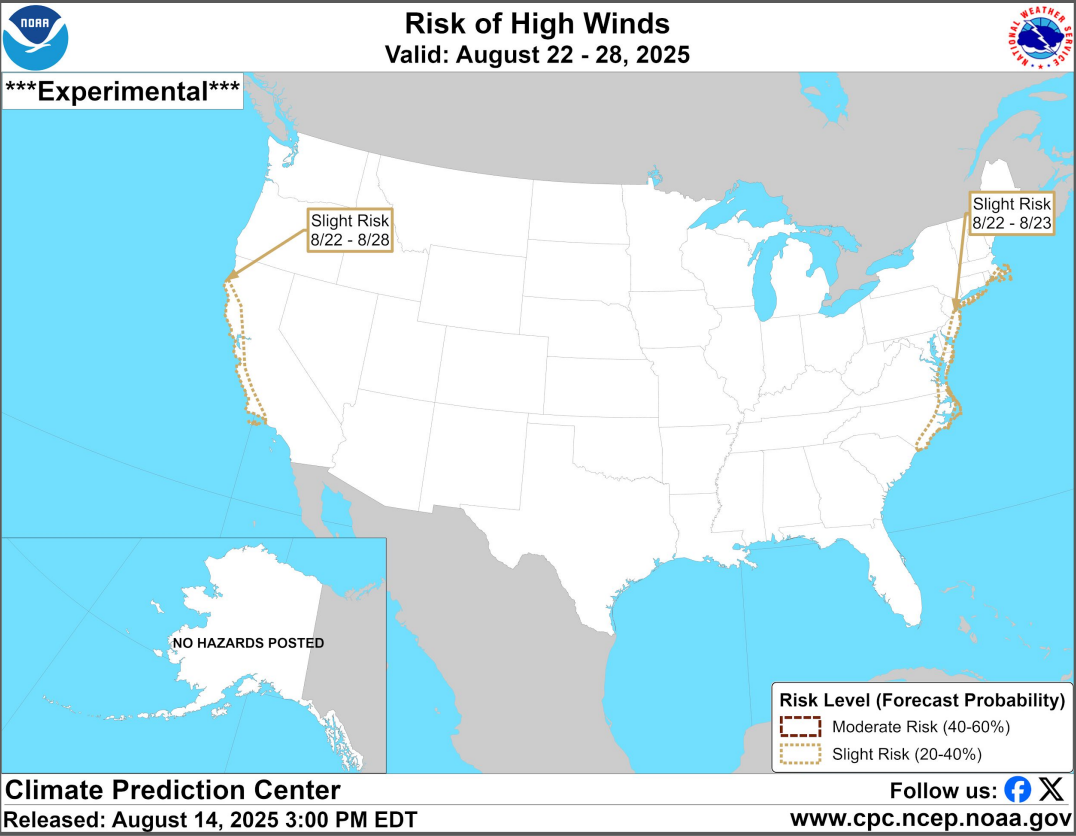
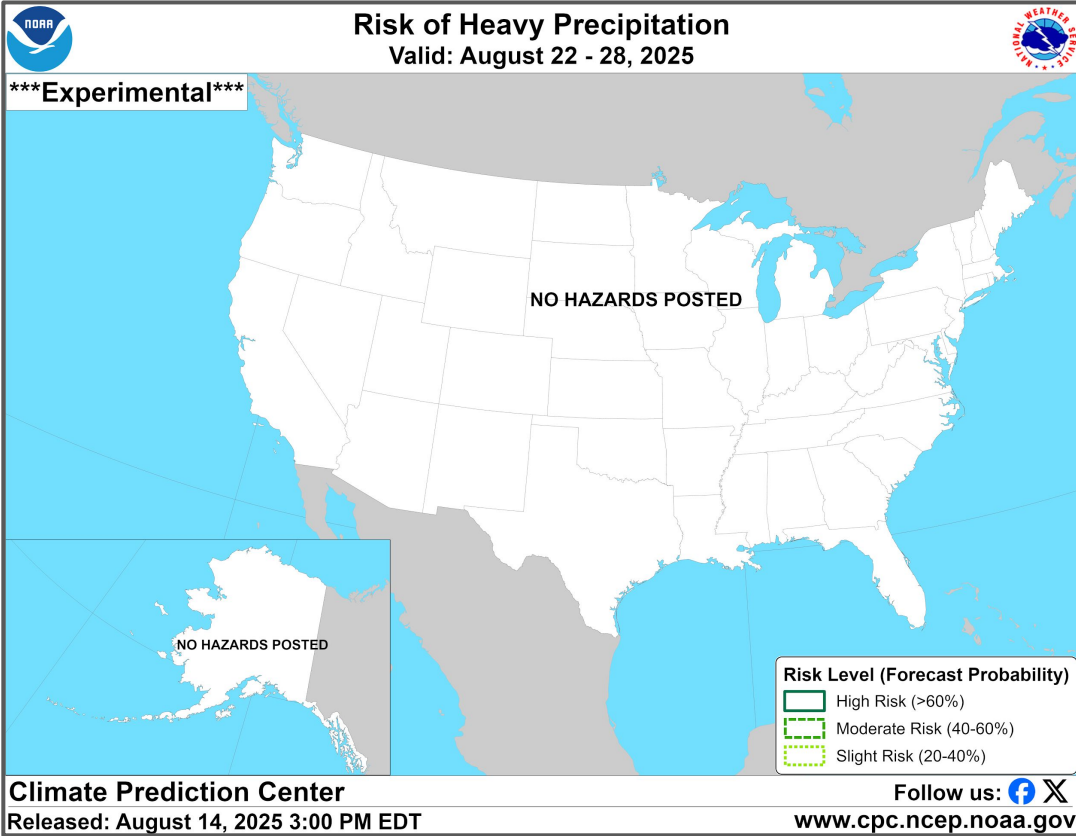
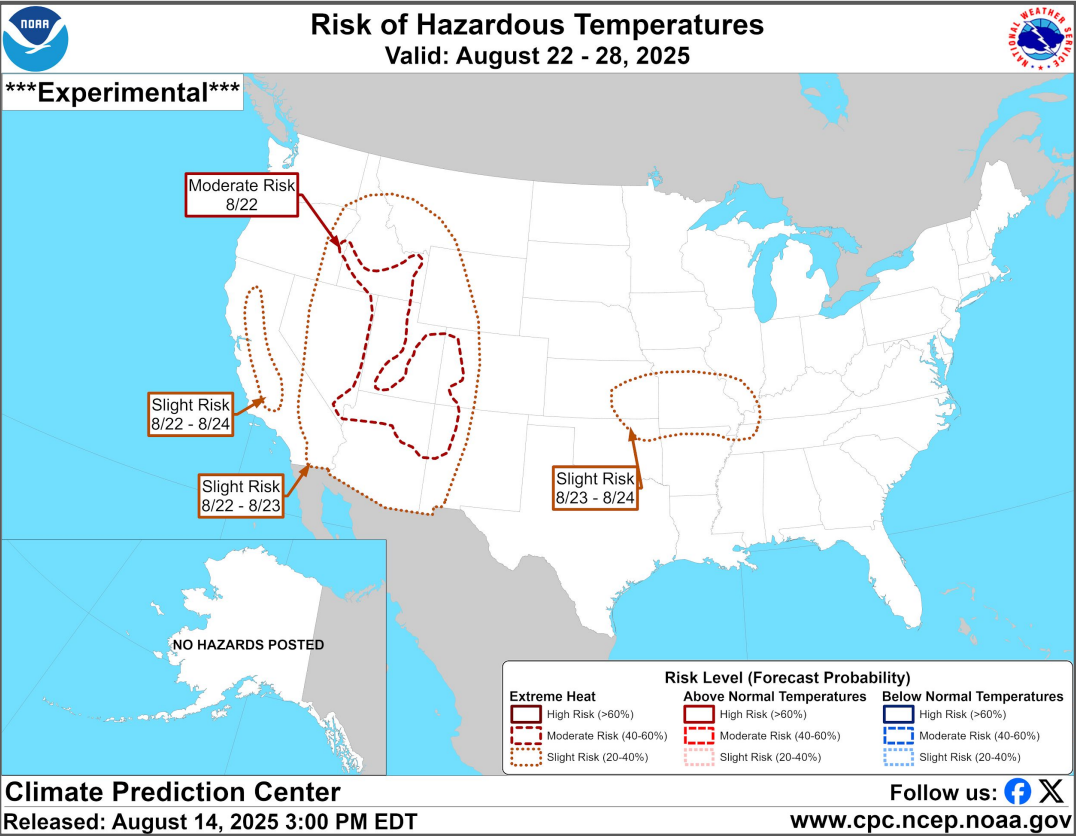
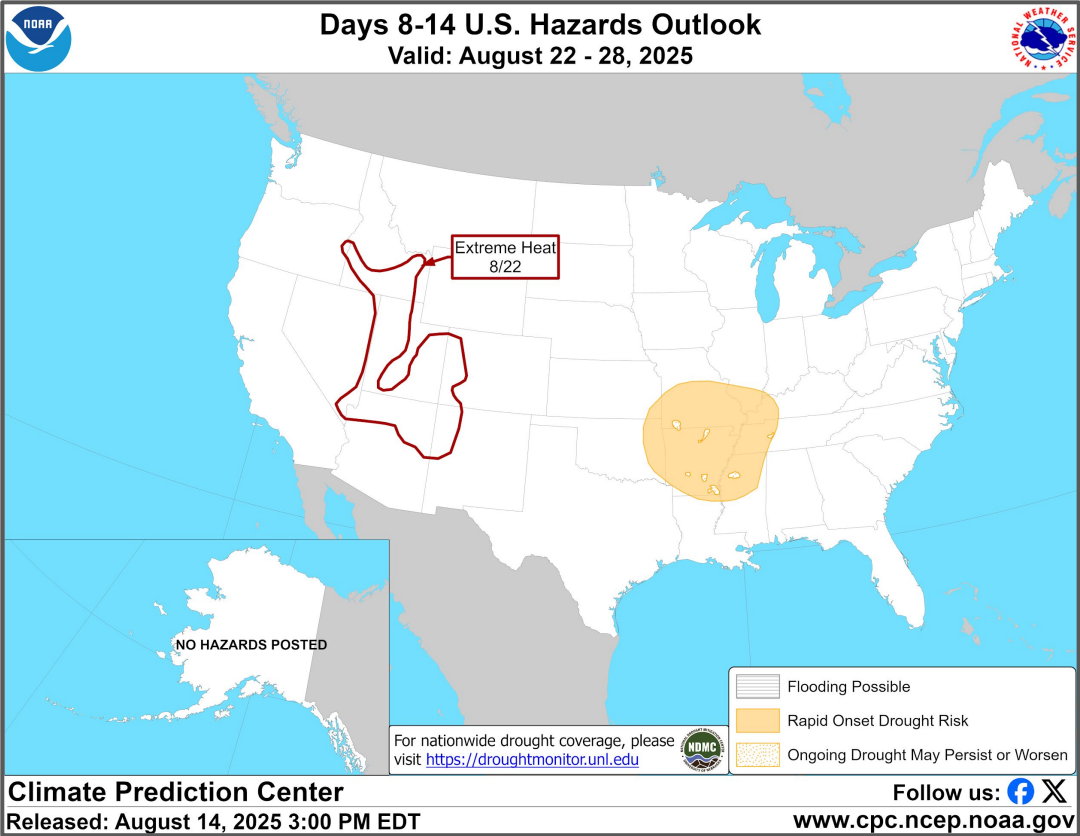
1. The “day 3-7” will really be days 2-6
2. This slide will be hidden on Mondays and Sundays so the data/information is not too old

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

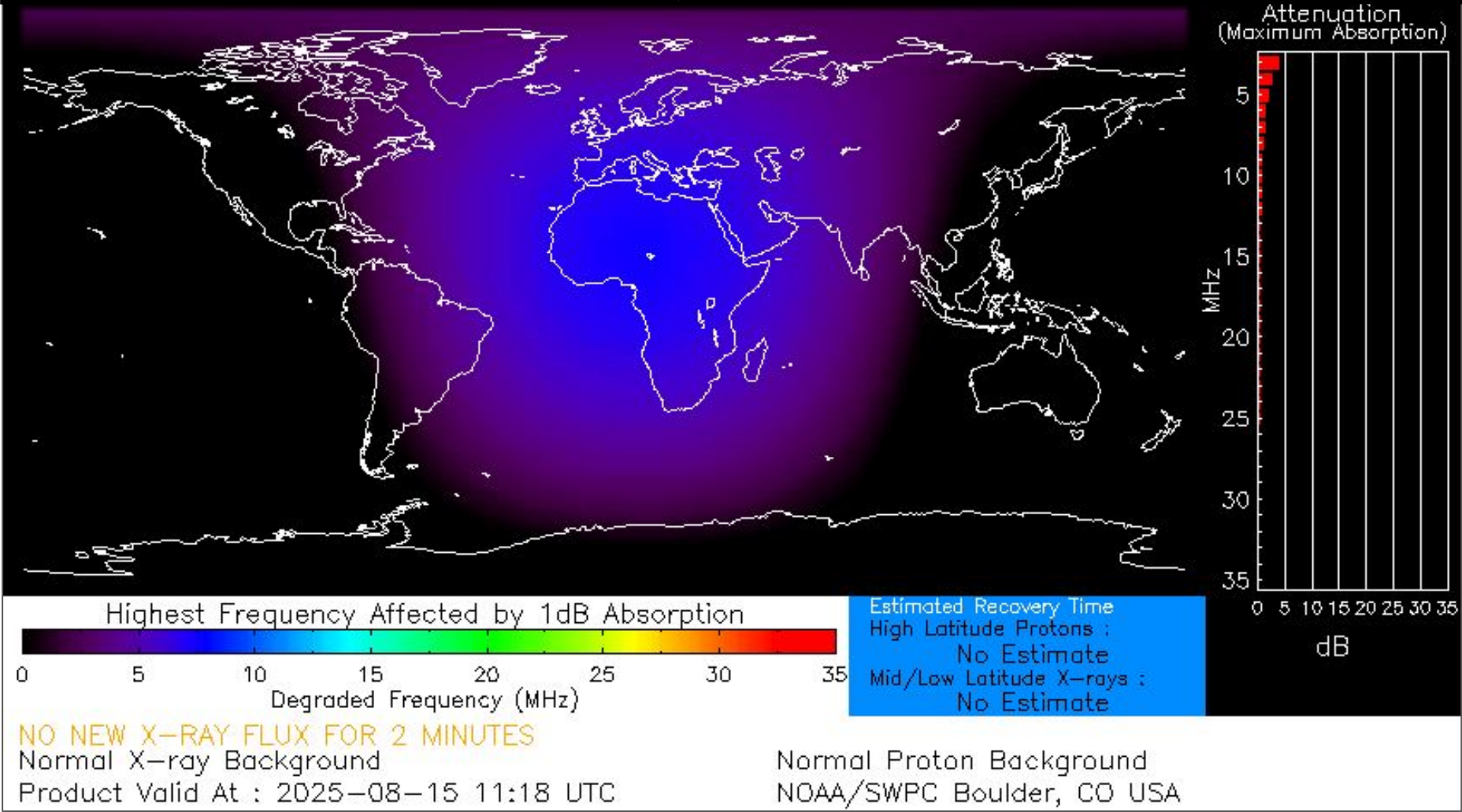
For additional information on this outlook go to <https://www.cpc.ncep.noaa.gov/products/predictions/threats/threats.php>





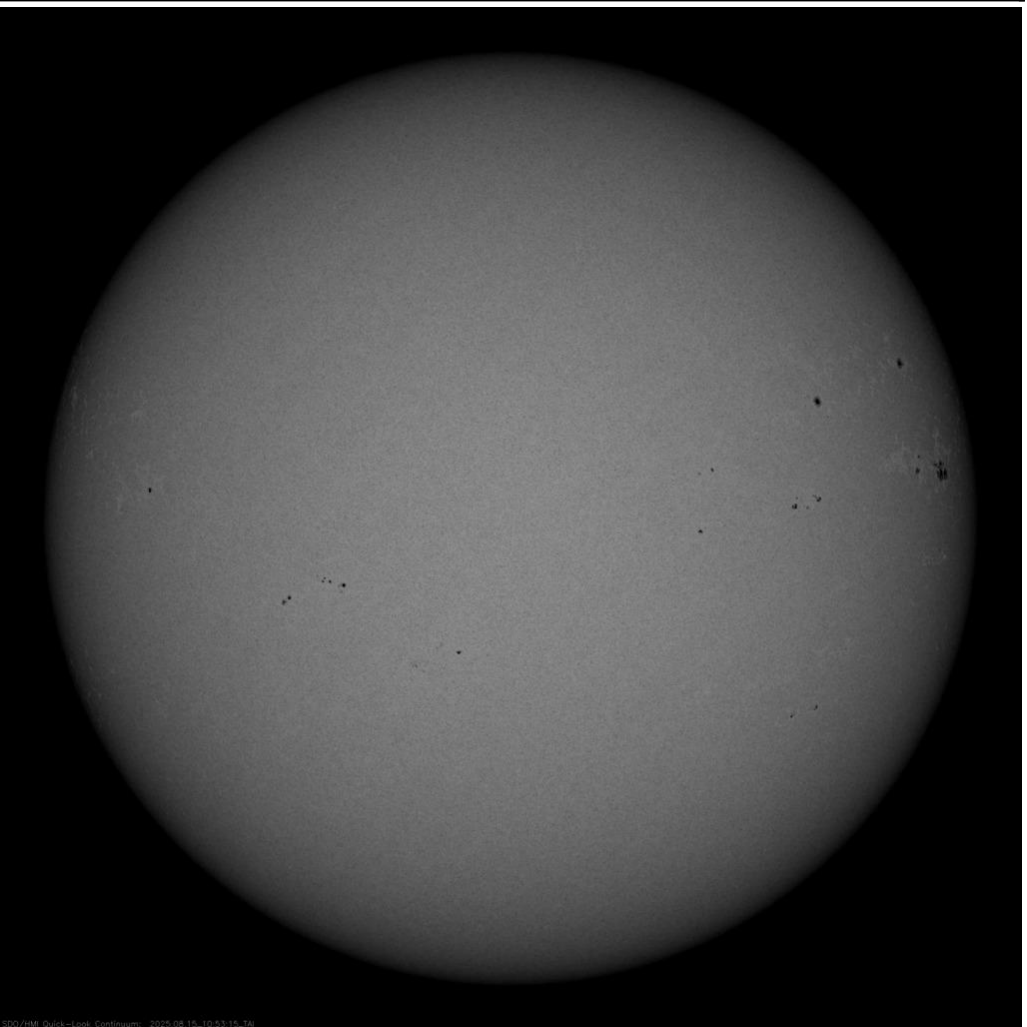
Space Weather 3-Day Forecast

	Friday, Aug 15	Saturday, Aug 16	Sunday, Aug 17
Geomagnetic Storms	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	5%	1%	1%
Radio Blackout (R1-R2)	35%	30%	30%
Radio Blackout (R3-R5)	5%	5%	5%



[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	Little to None 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"> 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	Minor 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"> 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	Moderate 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"> 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	Major 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"> 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	Extreme 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"> 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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Facebook: NWSSouthern



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



X: NWSSouthern

WWW

Web: www.weather.gov/srh

