



FEMA



Prepared by
Melissa Beat

FEMA Region 6 Weather Threat Briefing

Tuesday, August 13, 2024

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 of the Upcoming Week

- **Flash flood threat continues near burn scar areas across NM through mid-week with threat decreasing late week.**
- **Excessive heat across areas of OK, TX, AR and LA through the week.**
- **Marginal fire weather threat across NW TX through the work week. Elevated threat this weekend as temperatures rise.**
- **Tropical Storm Ernesto expected to stay in the Atlantic with no impacts to FEMA 6.**





FEMA Region 6 Threat Matrix

Next 5 Days

	Tuesday, Aug 13	Wednesday, Aug 14	Thursday, Aug 15	Friday, Aug 16	Saturday, Aug 17
Severe Storms		TX/OK Panhandles	OK, N AR		
Heavy Rain / Flash Flooding	NM	NM, NE AR	NM		
Fire Weather	NW TX	NW TX	NW TX	NW TX	NW TX
Wind					
Heat	OK, Ctrl/E/STX, AR, LA	OK, Ctrl/E/STX, AR, LA	OK, Ctrl/E/STX, AR, LA	OK, Ctrl/E/STX, AR, LA	OK, Ctrl/E/STX, AR, LA
Tropical					
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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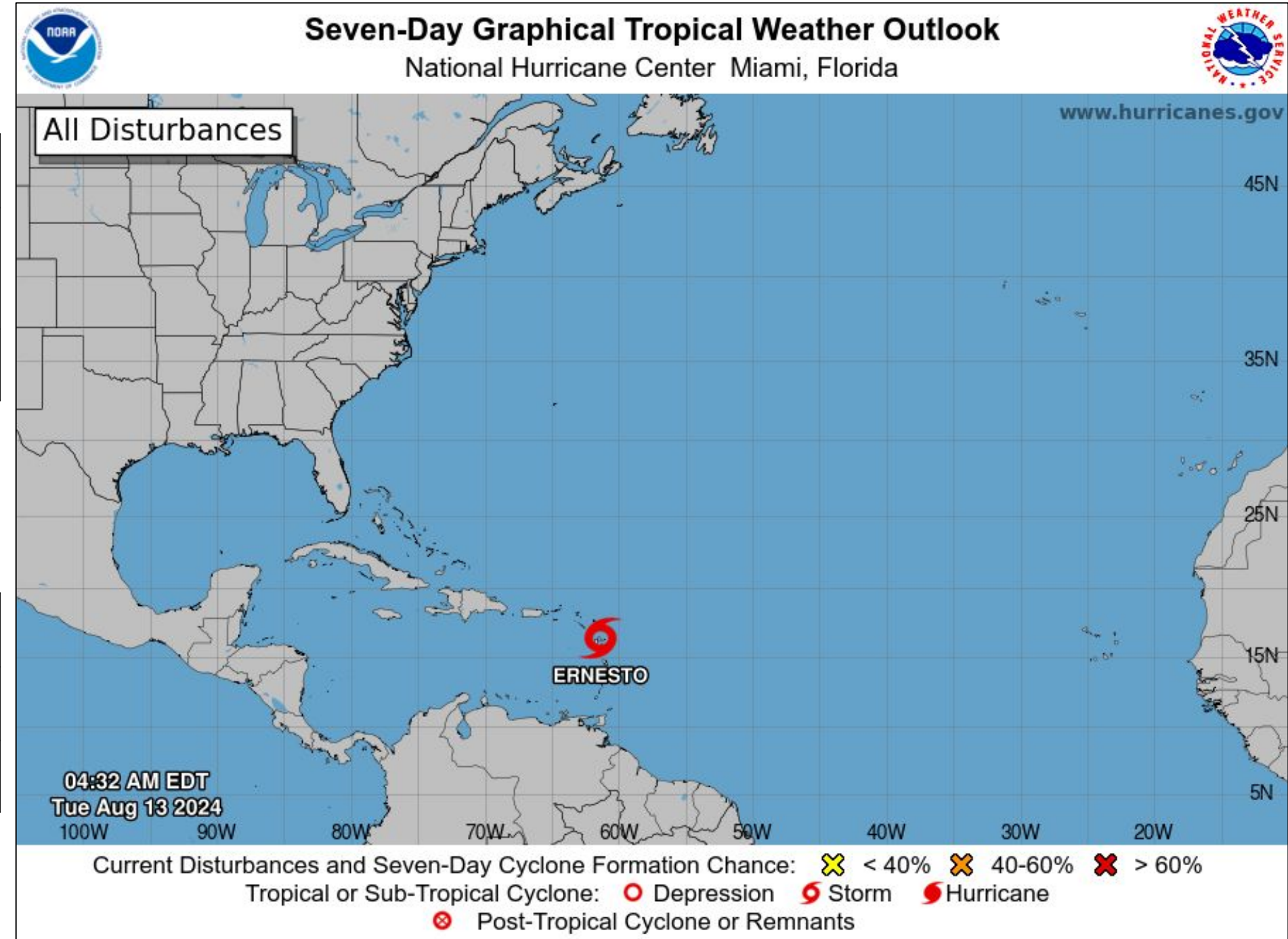
Tropical Weather Outlook – Atlantic/Gulf

Areas of Possible Development

Area	Chance of Development	Potential Impacts to FEMA 6

Active Tropical Cyclones

Storm	Potential Impacts to FEMA 6
Ernesto	None.



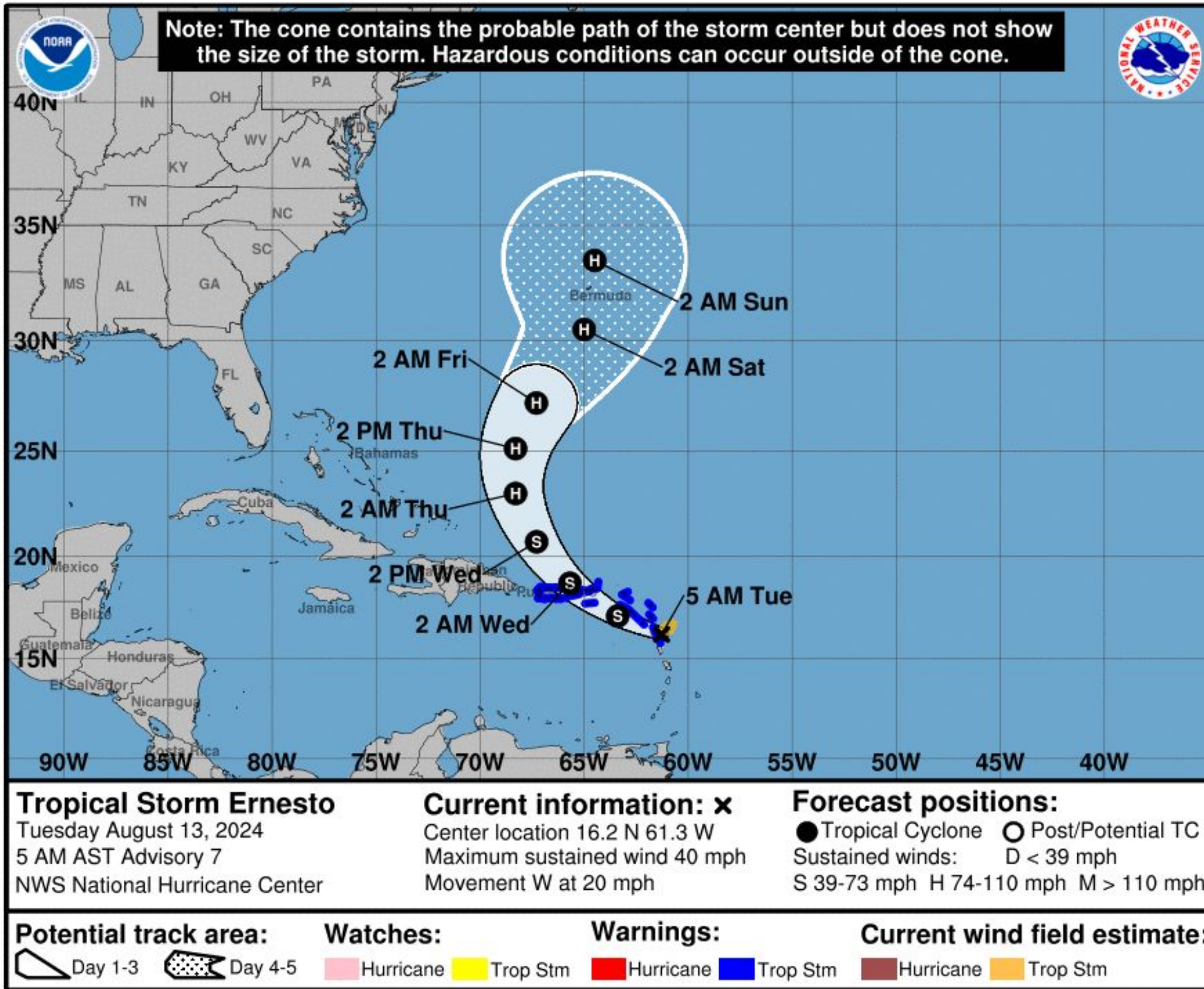
See <http://www.hurricanes.gov> for the latest on the tropics or any active storms



Ernesto

4:20 PM

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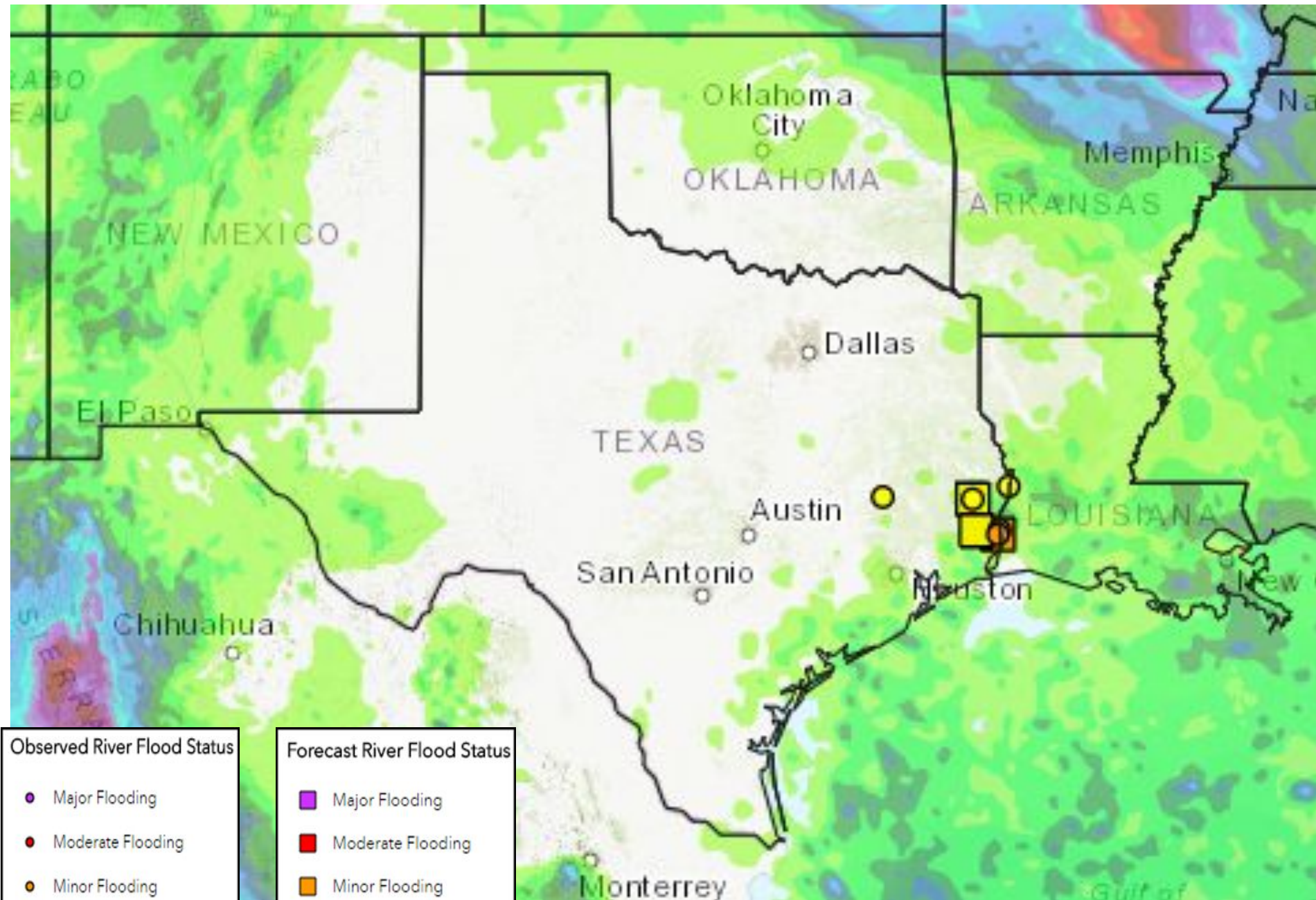
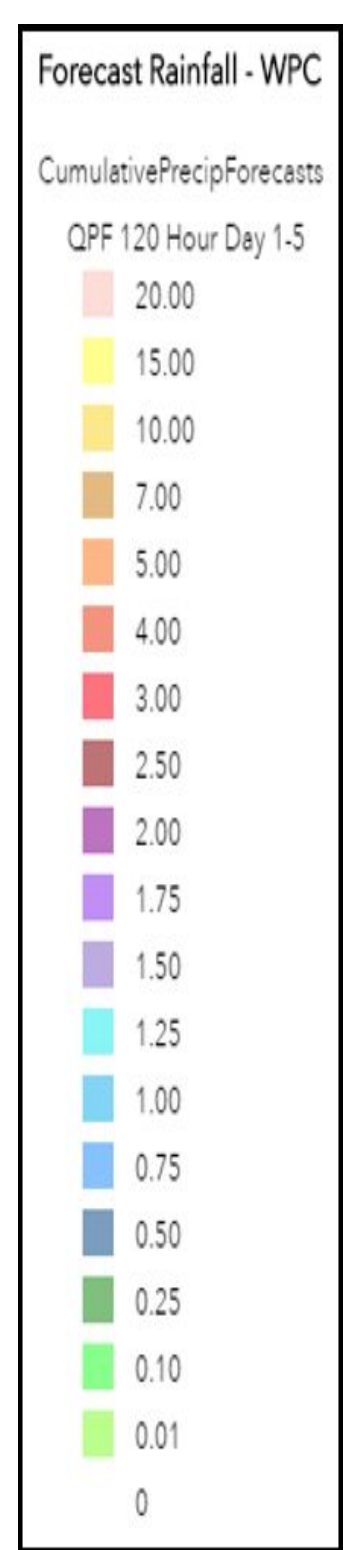
No impacts to FEMA Region 6.





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

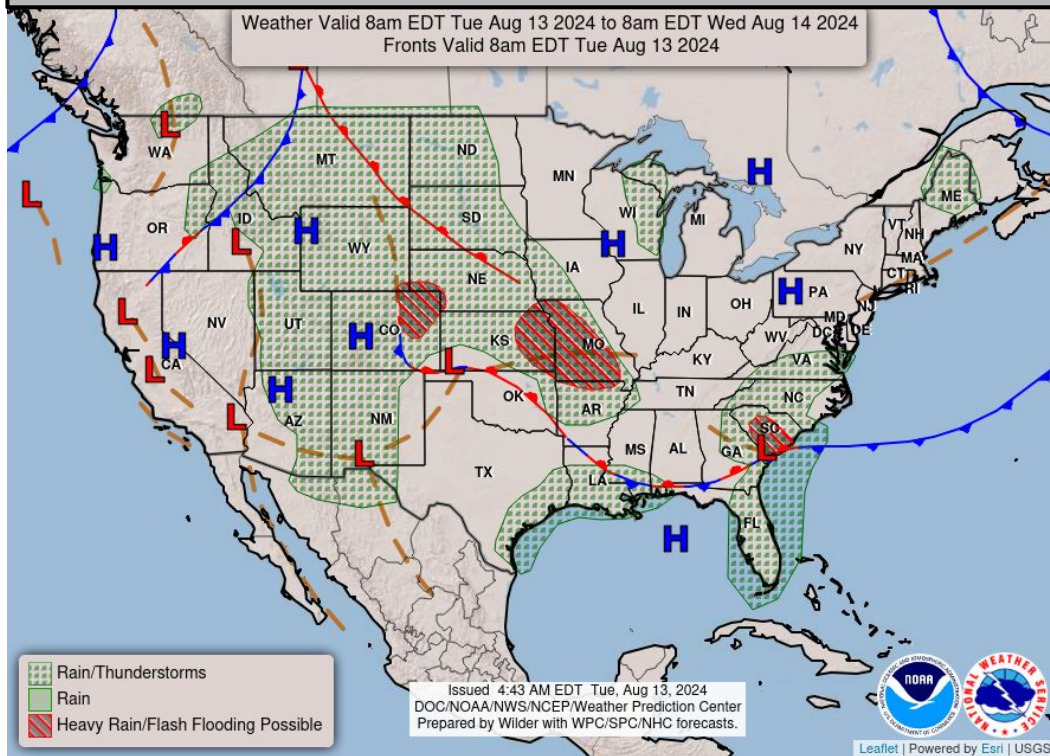


Minor river flooding for Sabine River at Deweyville. No significant impacts.

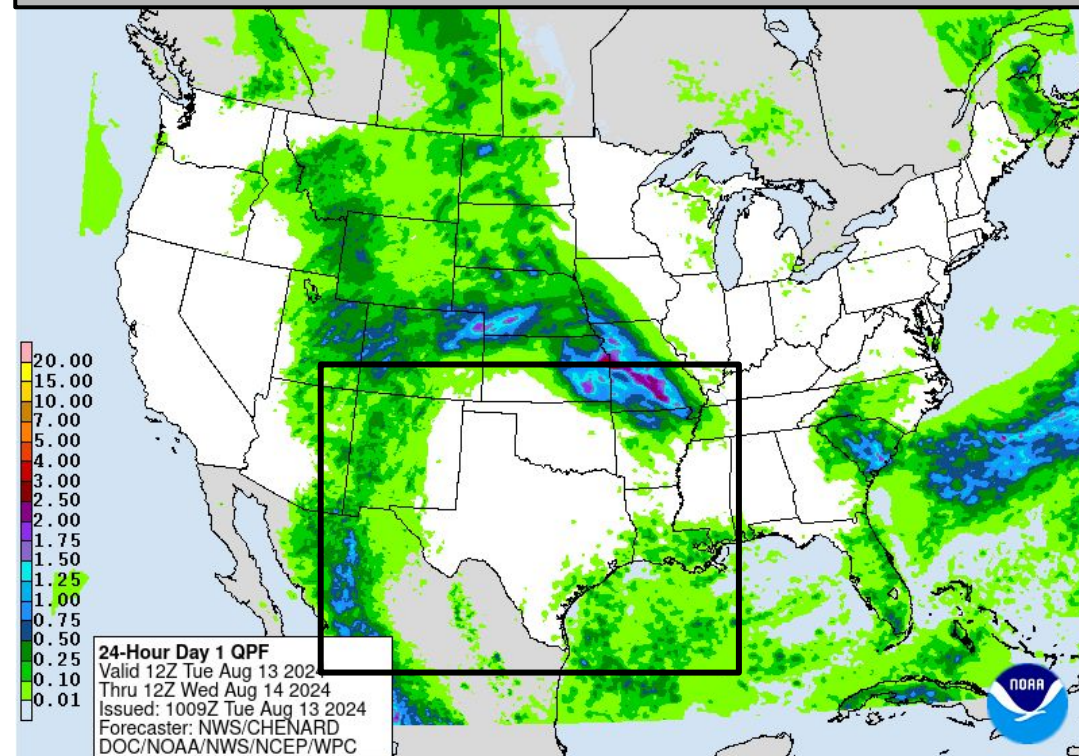


Today's Weather

Forecast Chart



Forecast Rainfall

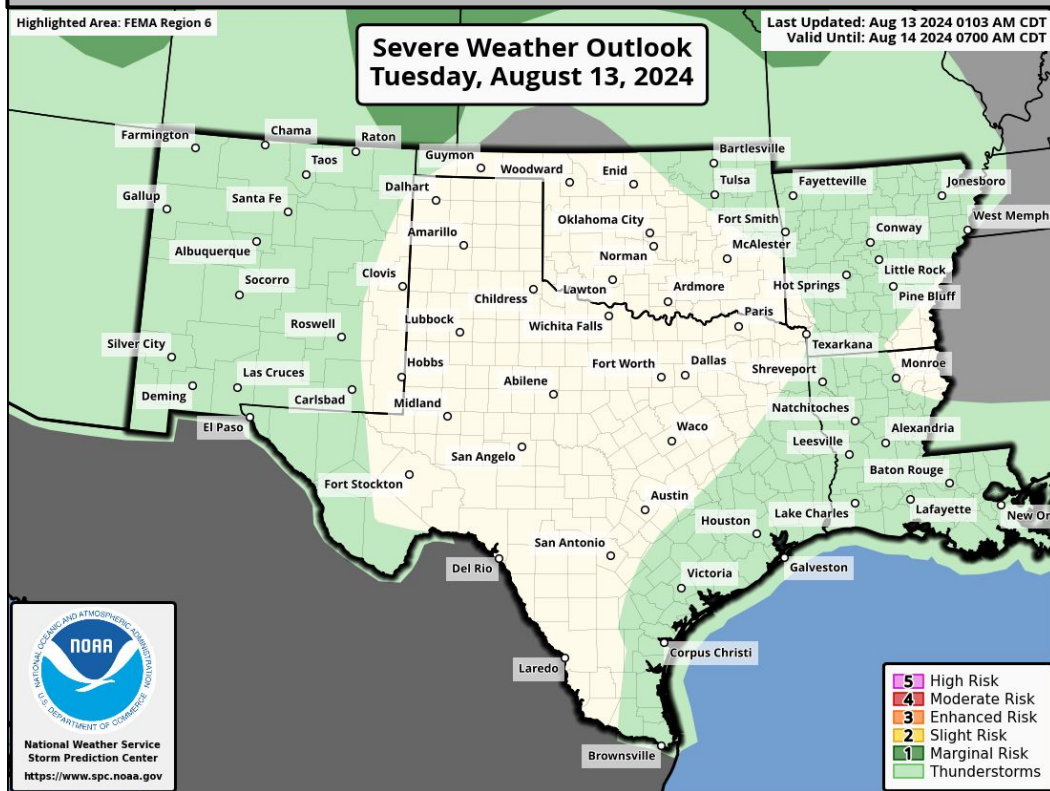


Flash flooding across burn scar areas in N NM.

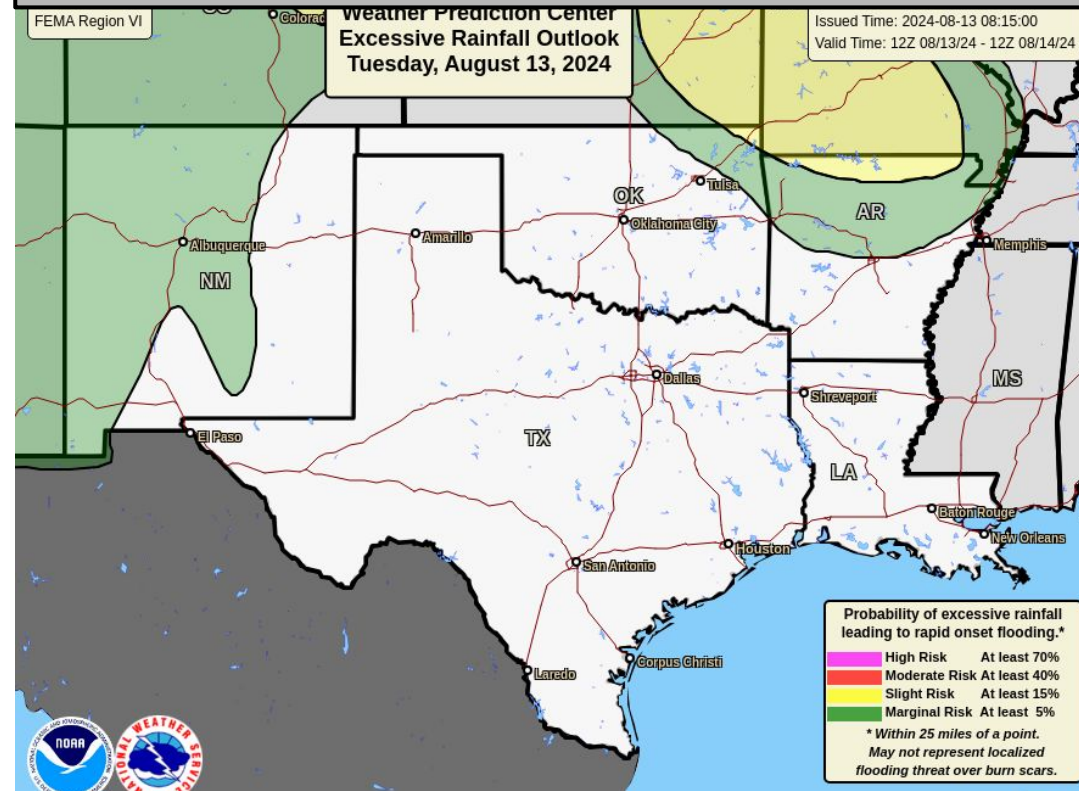
Excessive heat across OK, Ctr/E/S TX, AR, LA.

Marginal fire weather conditions over NW TX.

Severe Weather Outlook



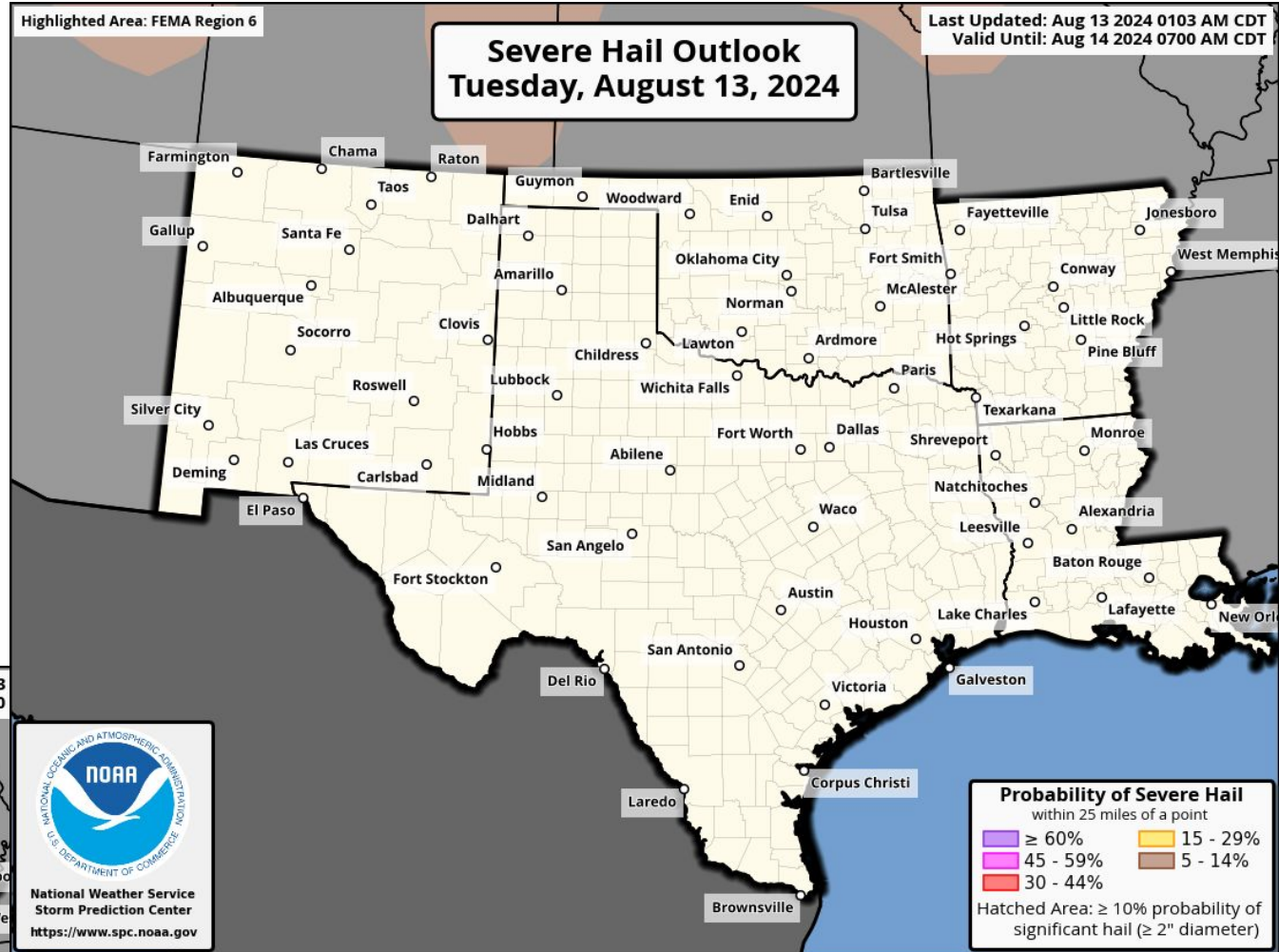
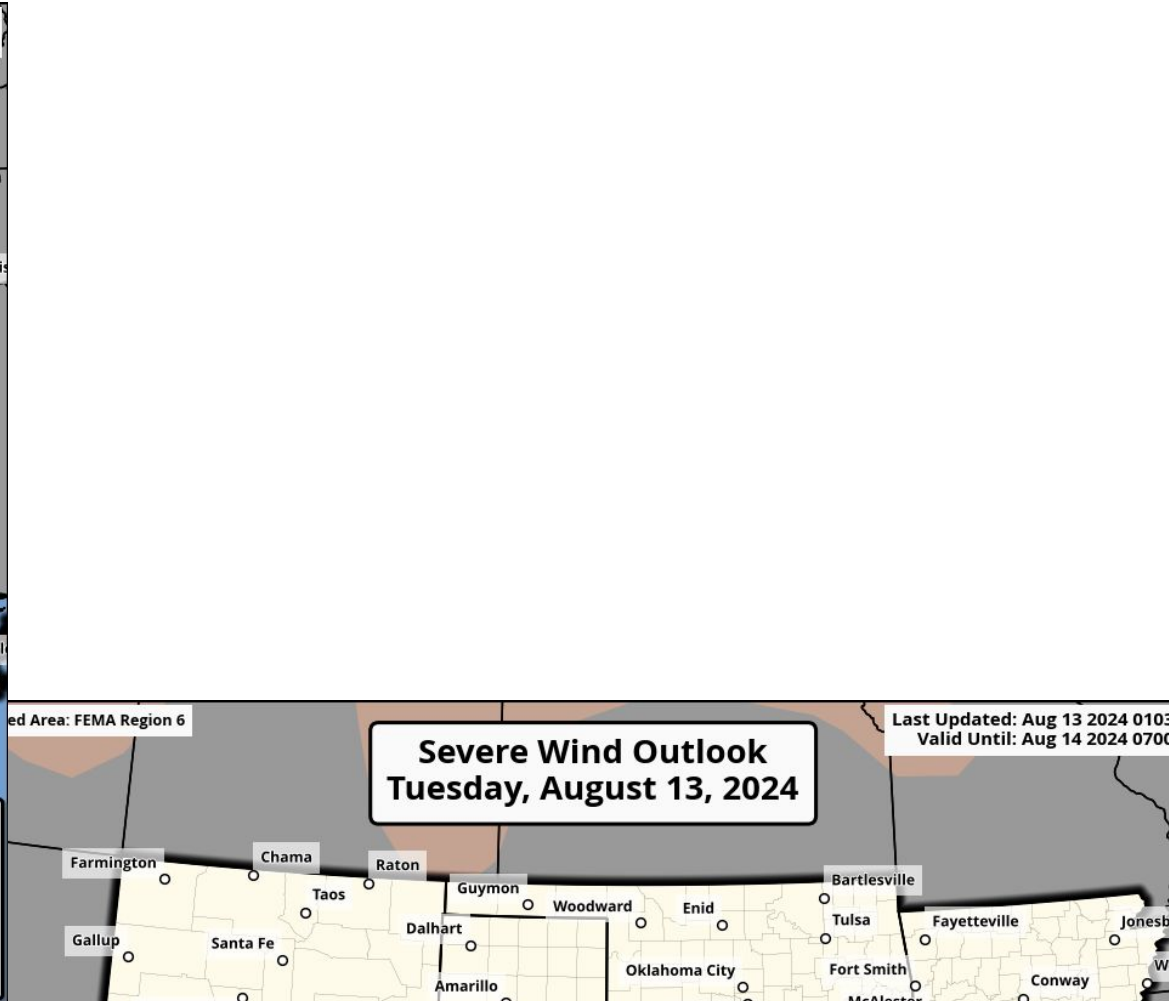
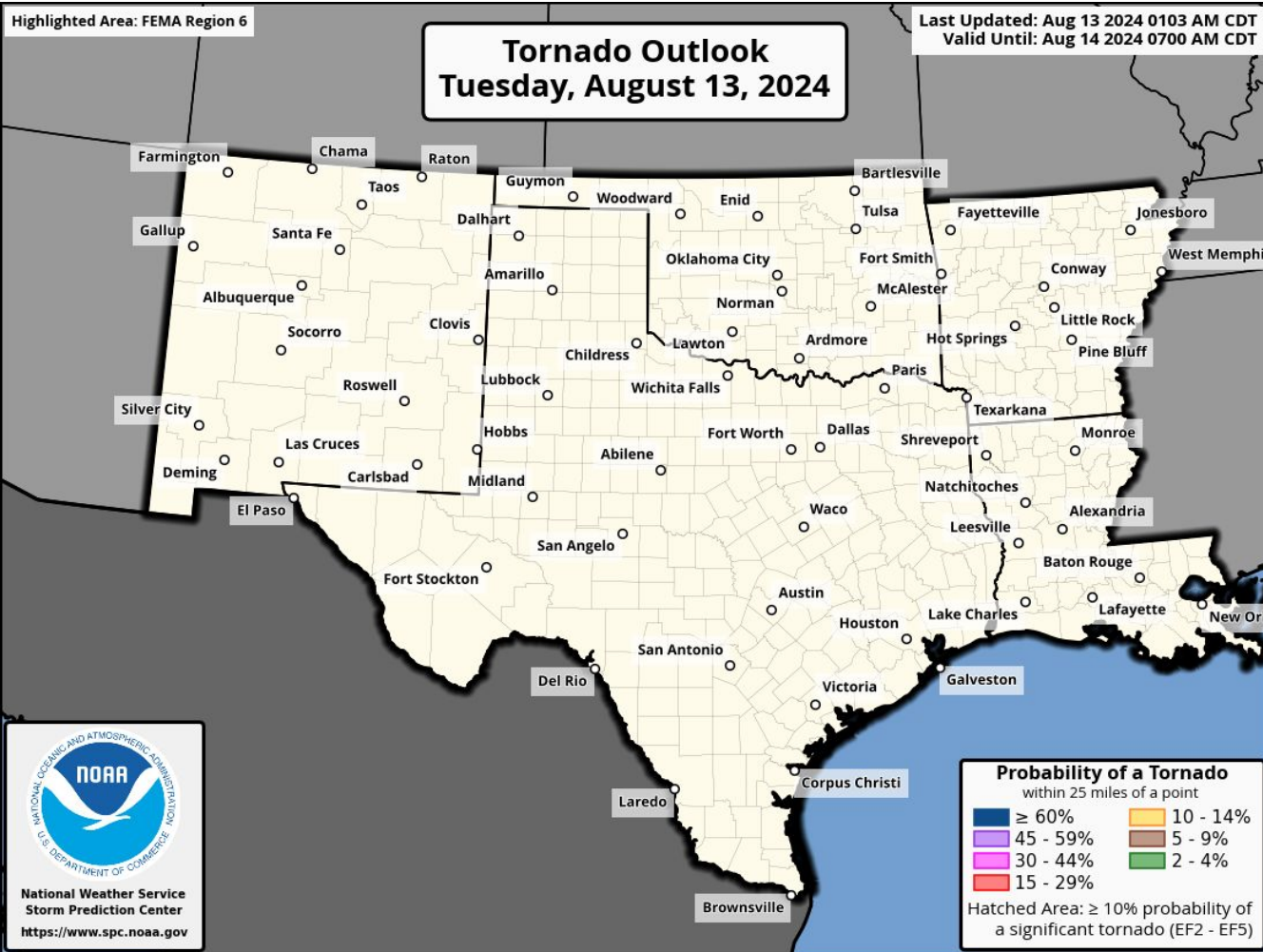
Excessive Rainfall Outlook





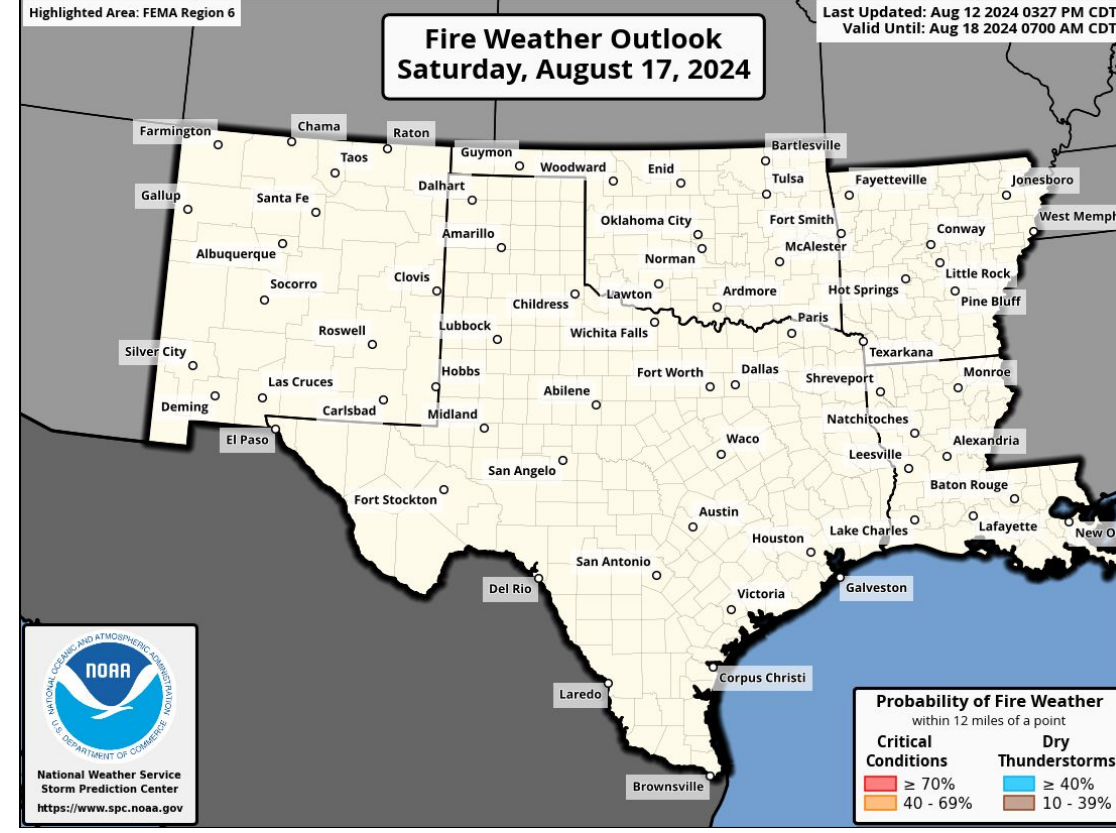
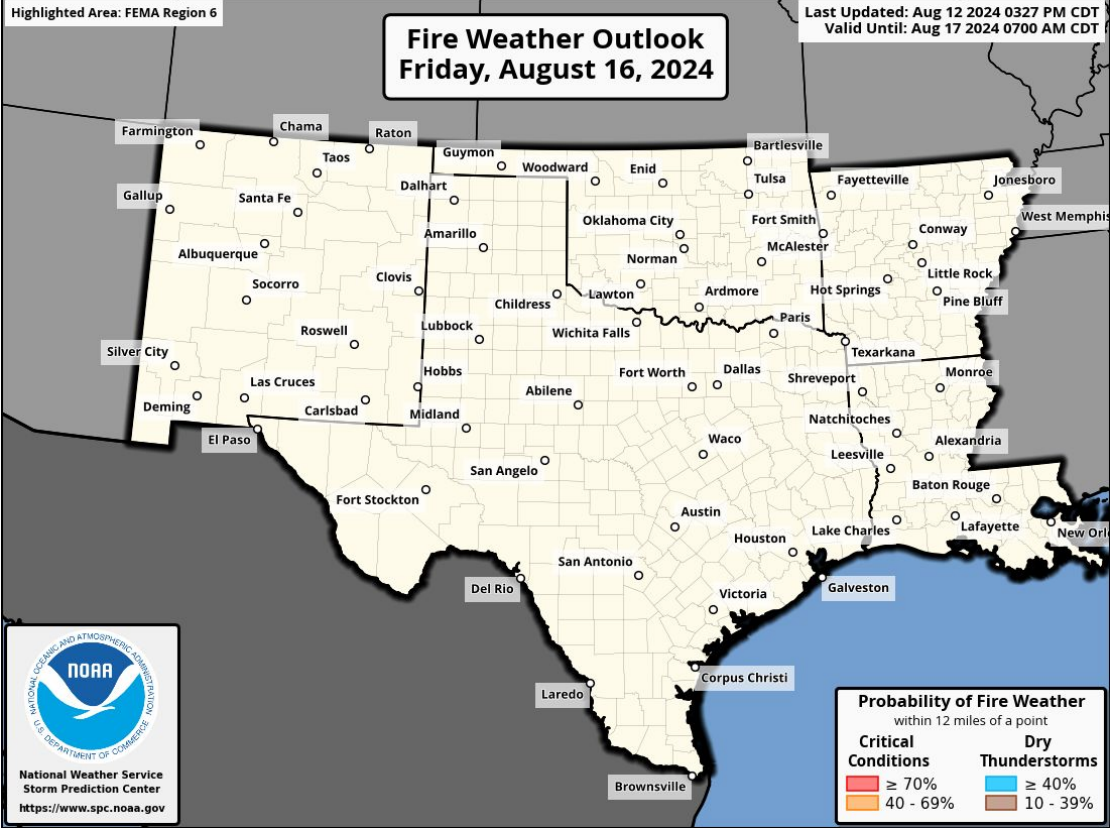
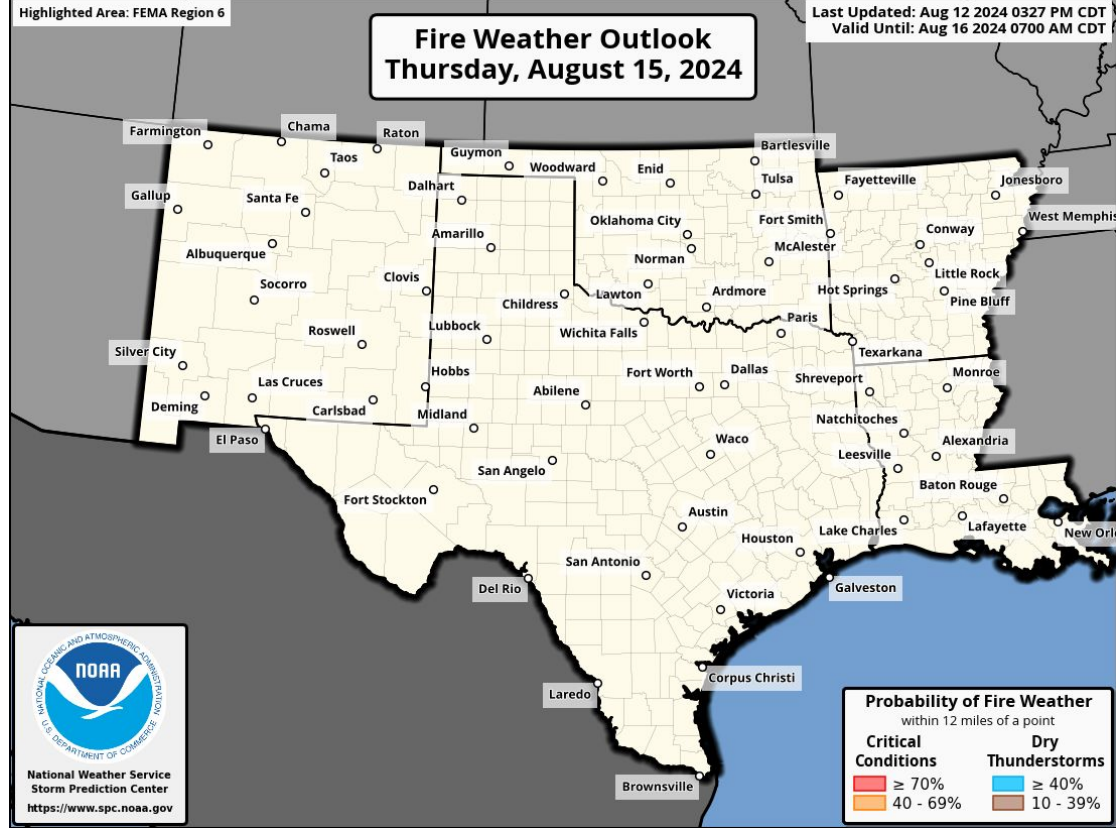
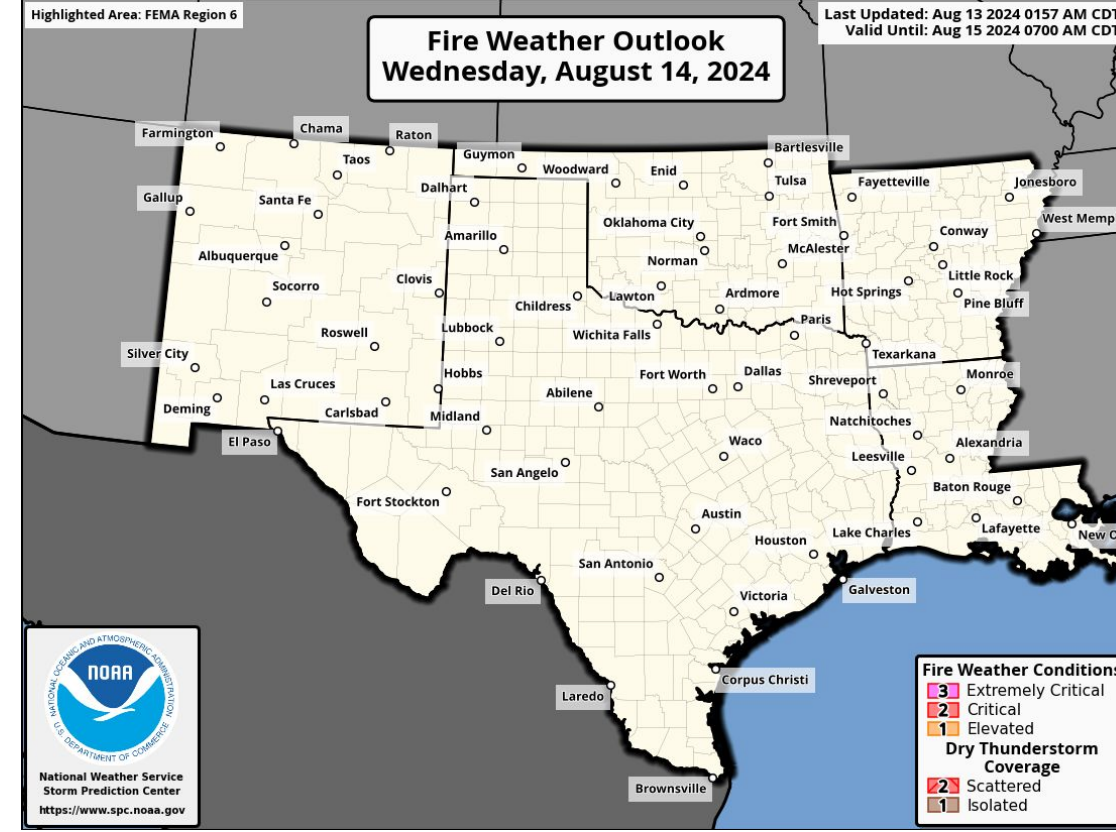
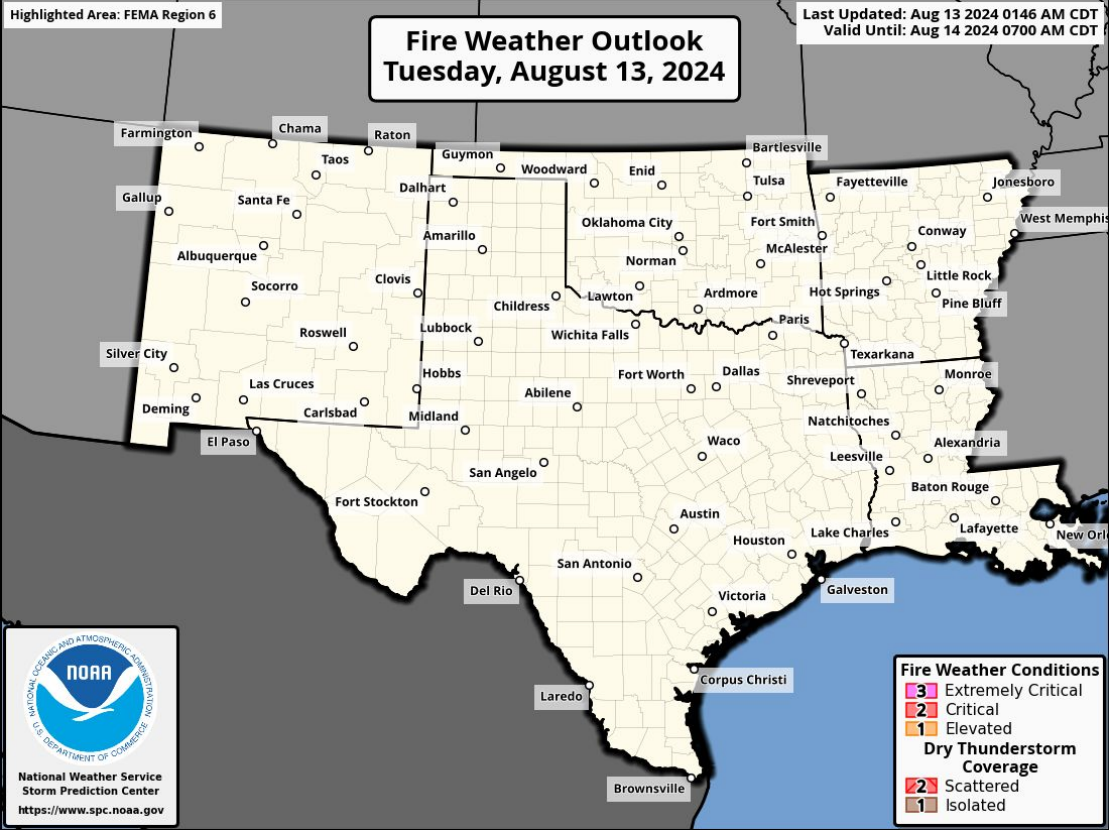
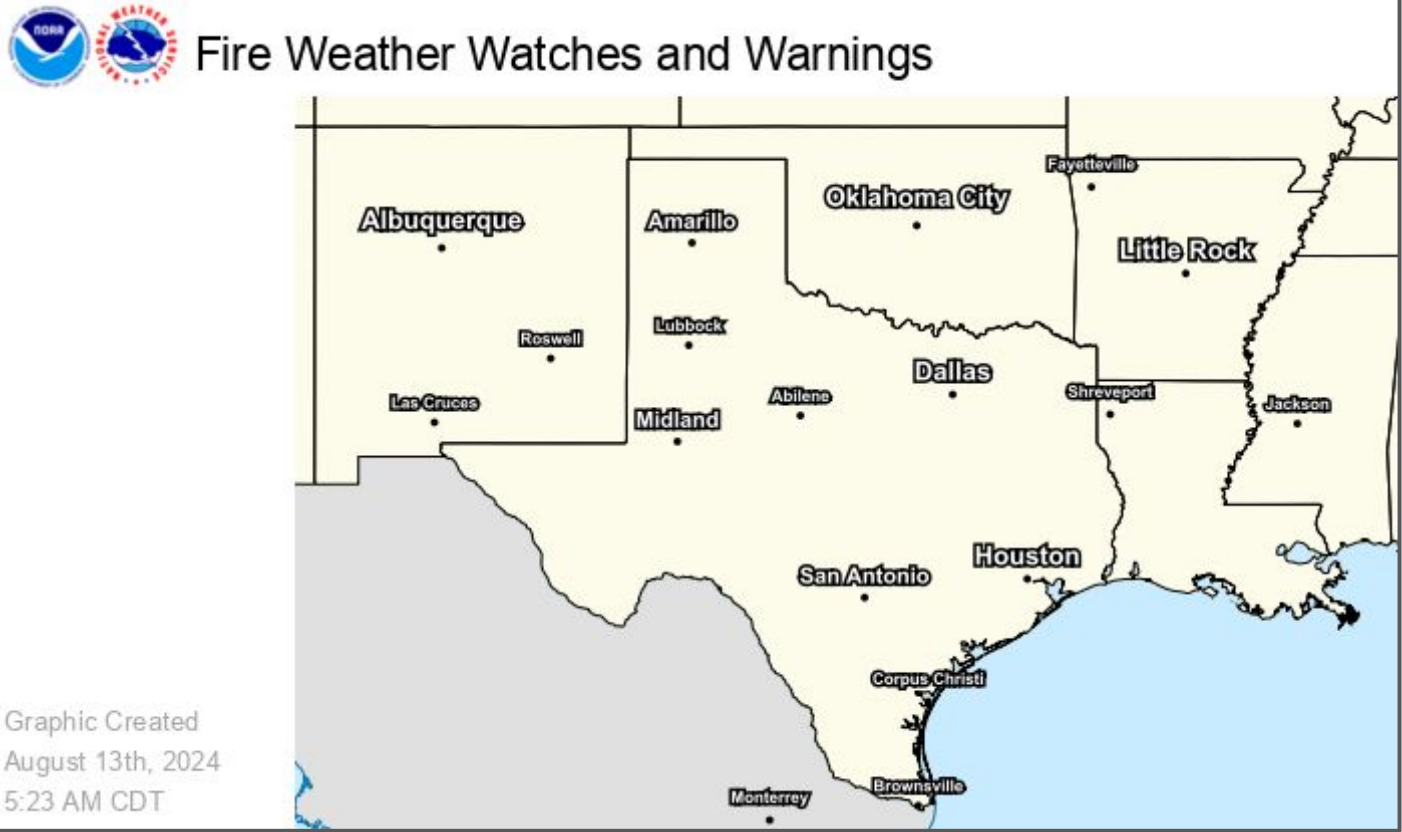
Today's Tornado & Severe Wind / Hail Probabilities

August 13, 2024





Fire Weather Outlooks

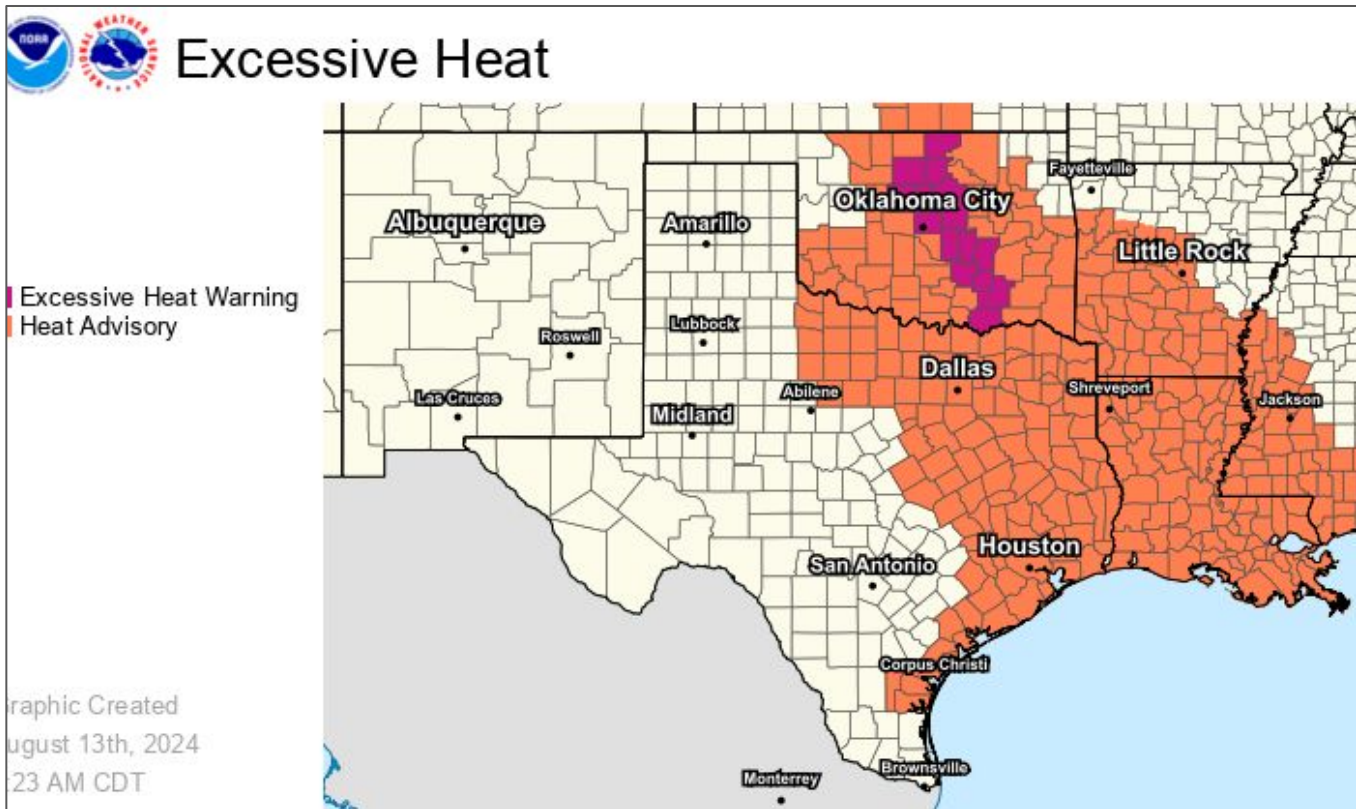
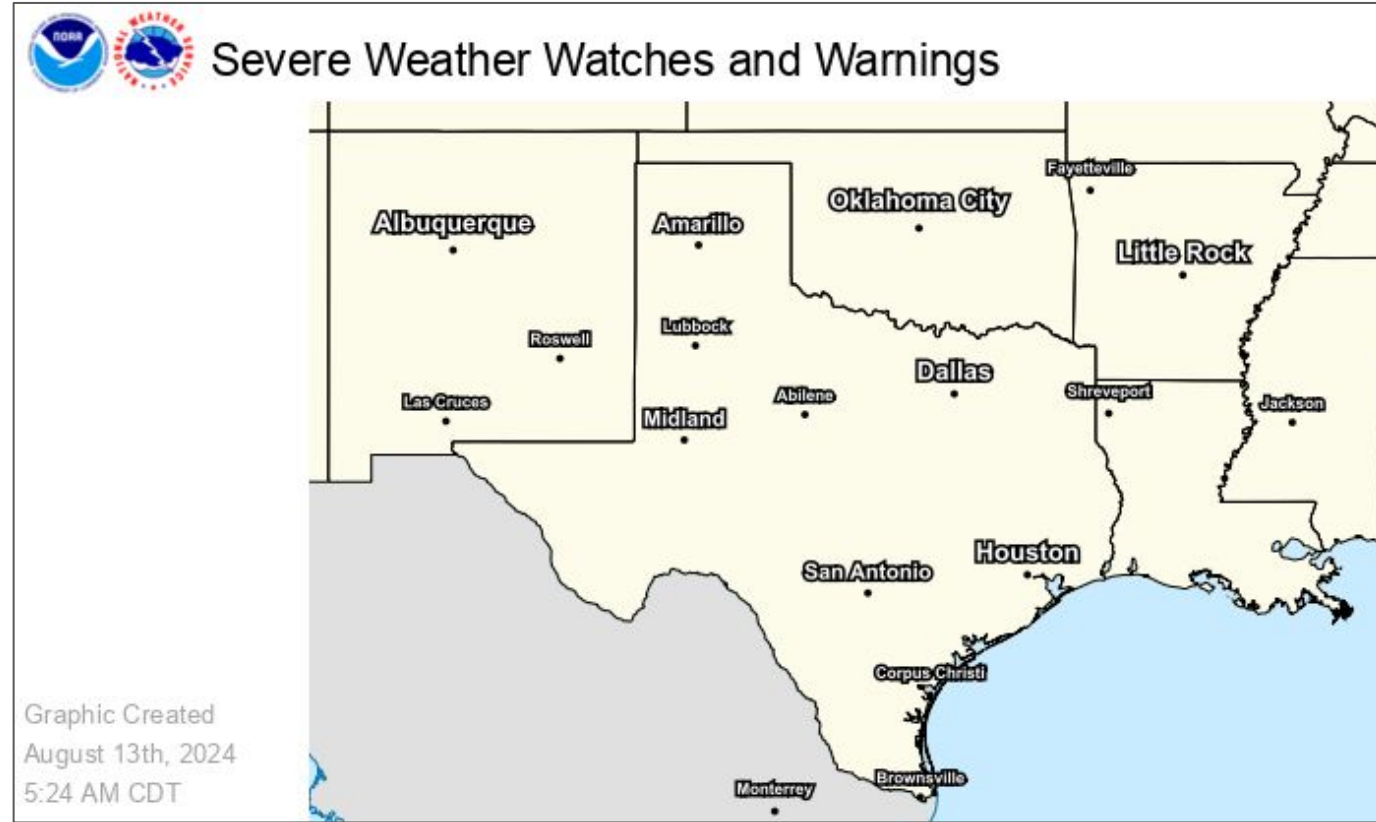




Watches, Warnings, and Advisories

Wind, Severe, Heat, and Flood Hazards

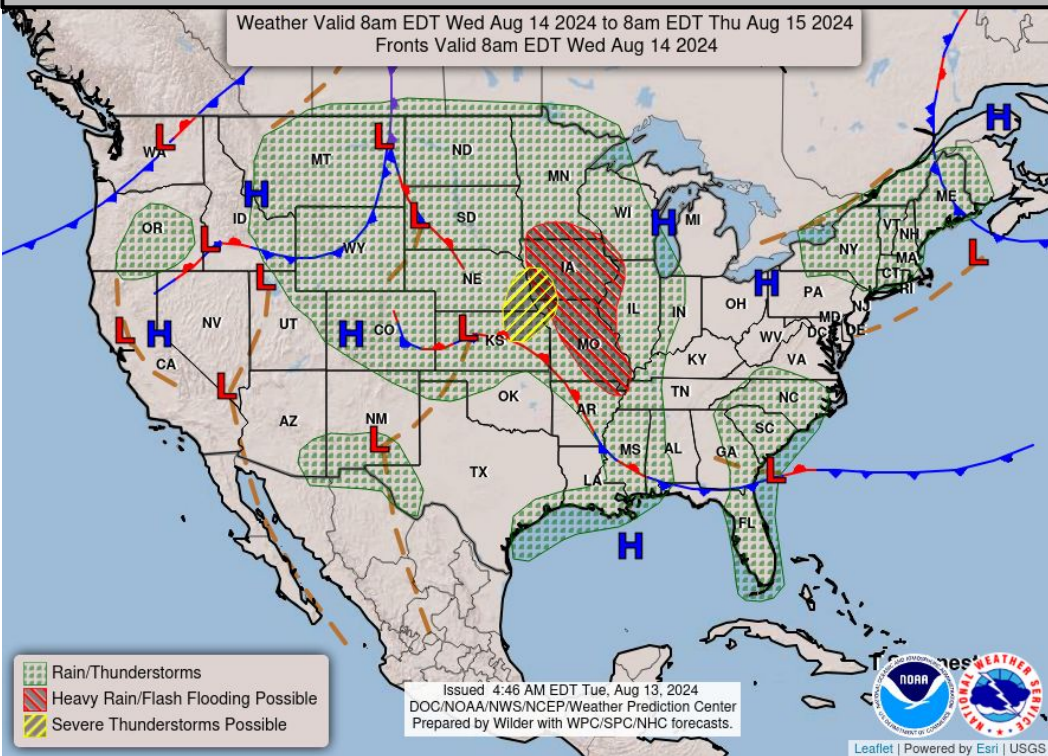
Heat advisories over OK, NWTX, SE/STX.



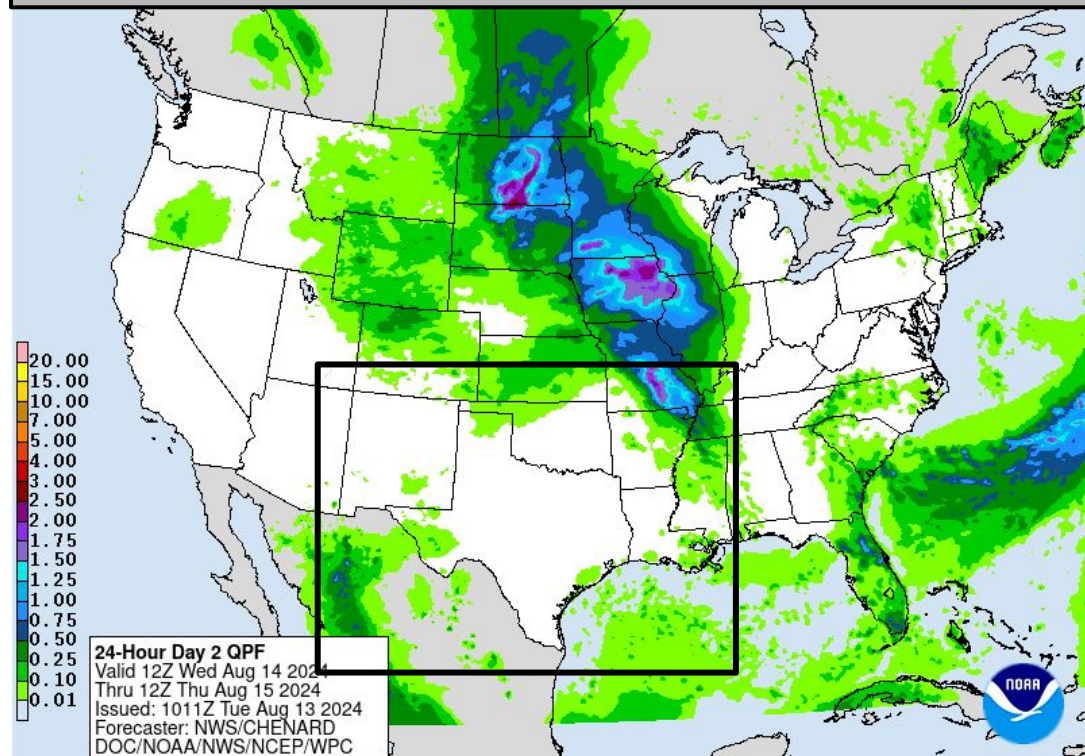


Tomorrow's Weather

Forecast Chart



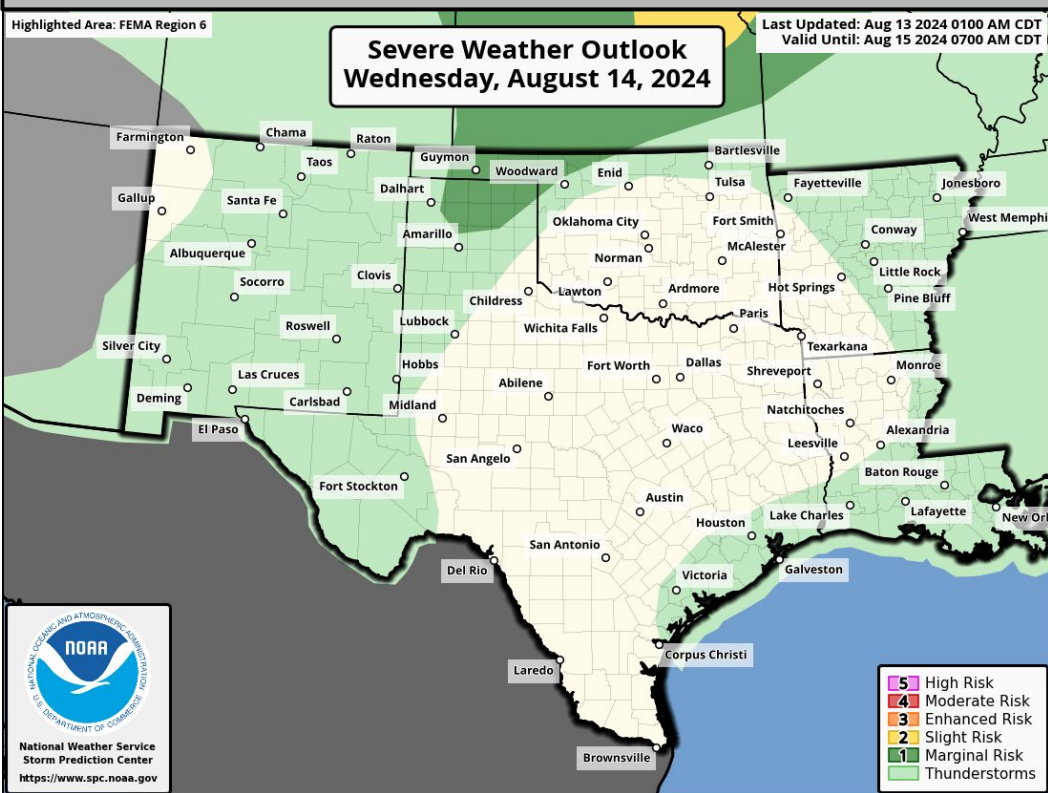
Forecast Rainfall



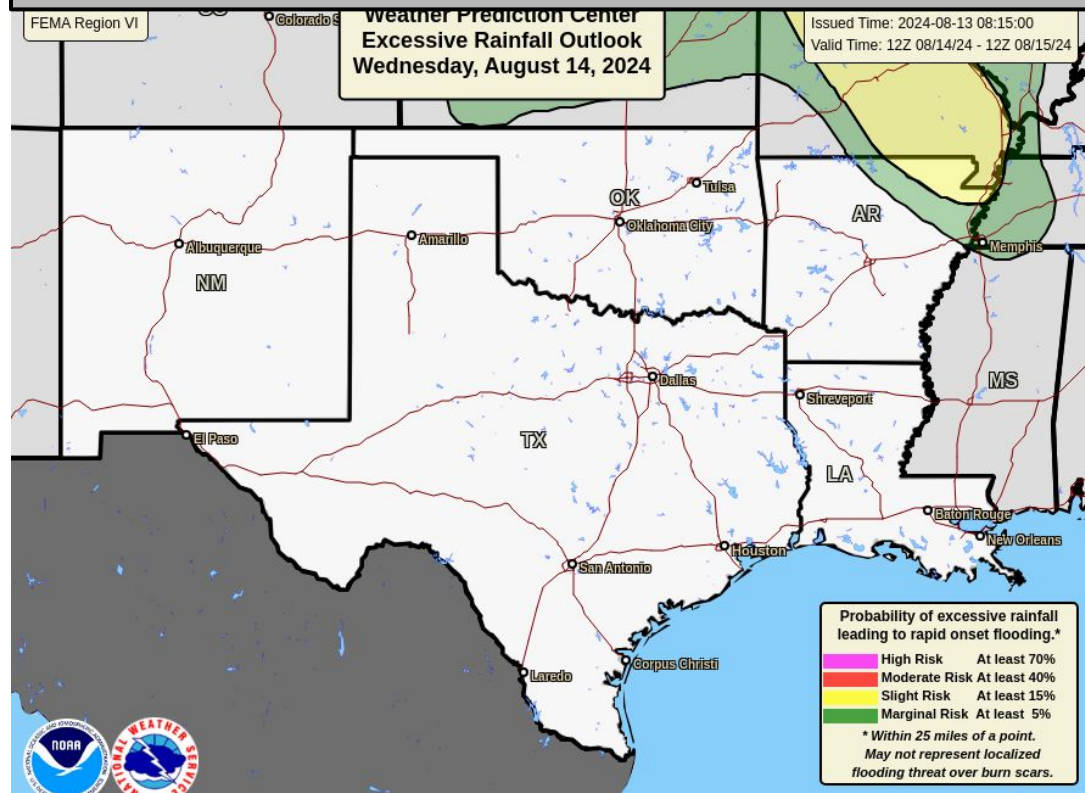
Excessive heat across OK, Ctr/E/S TX, AR, LA.

Flash flooding over burn scar areas of NM, and over NE AR.

Severe Weather Outlook



Excessive Rainfall Outlook

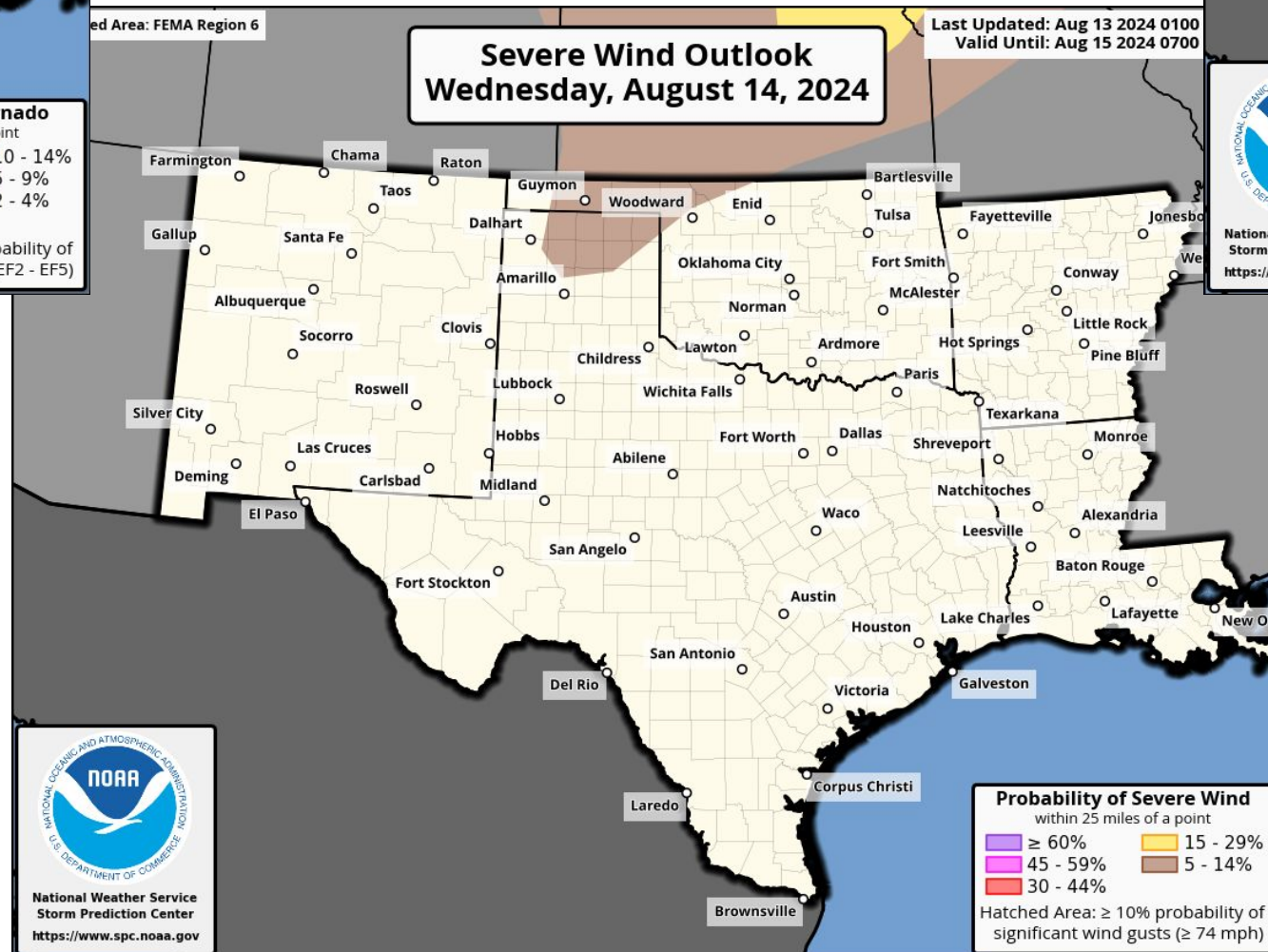
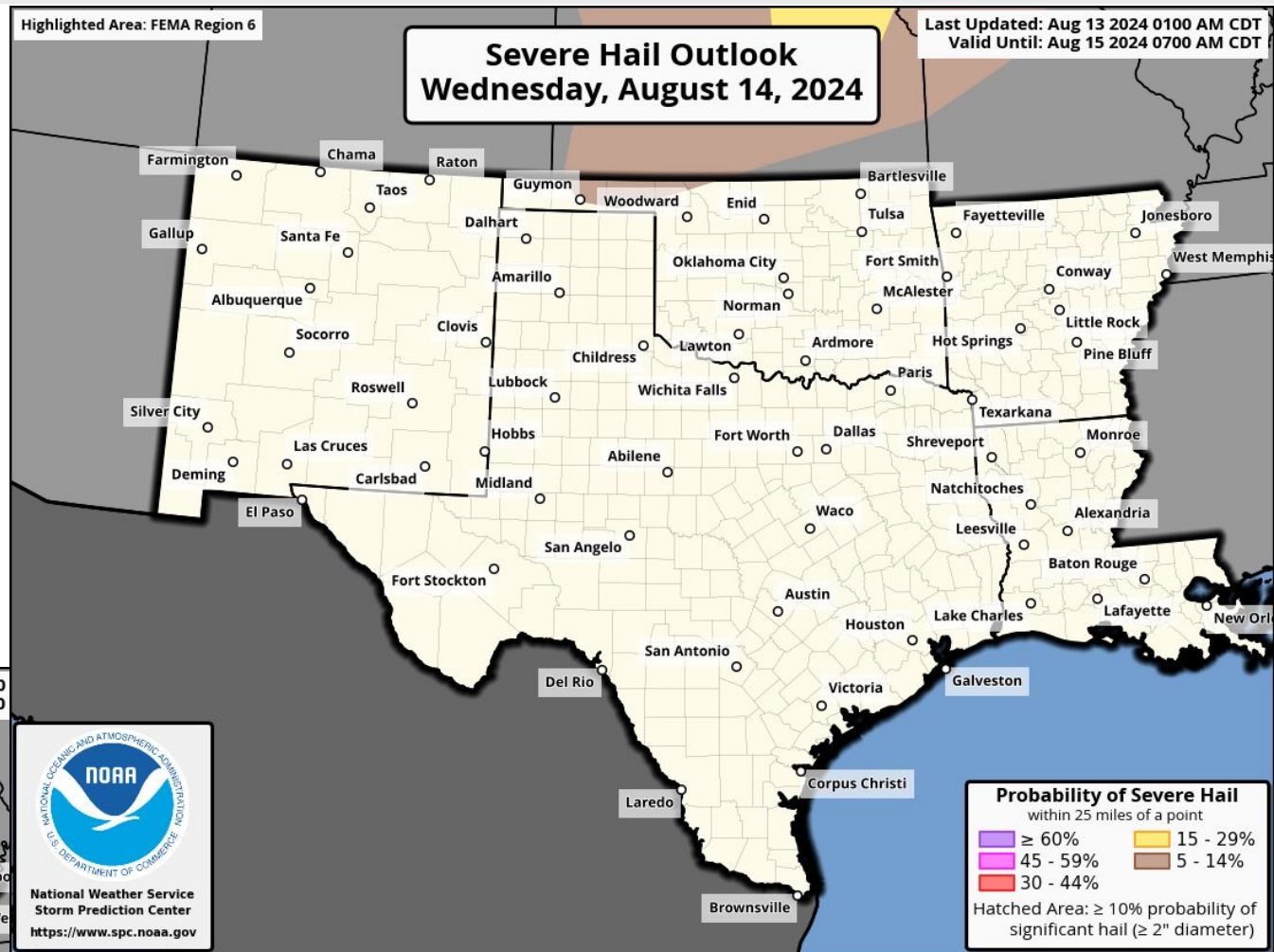
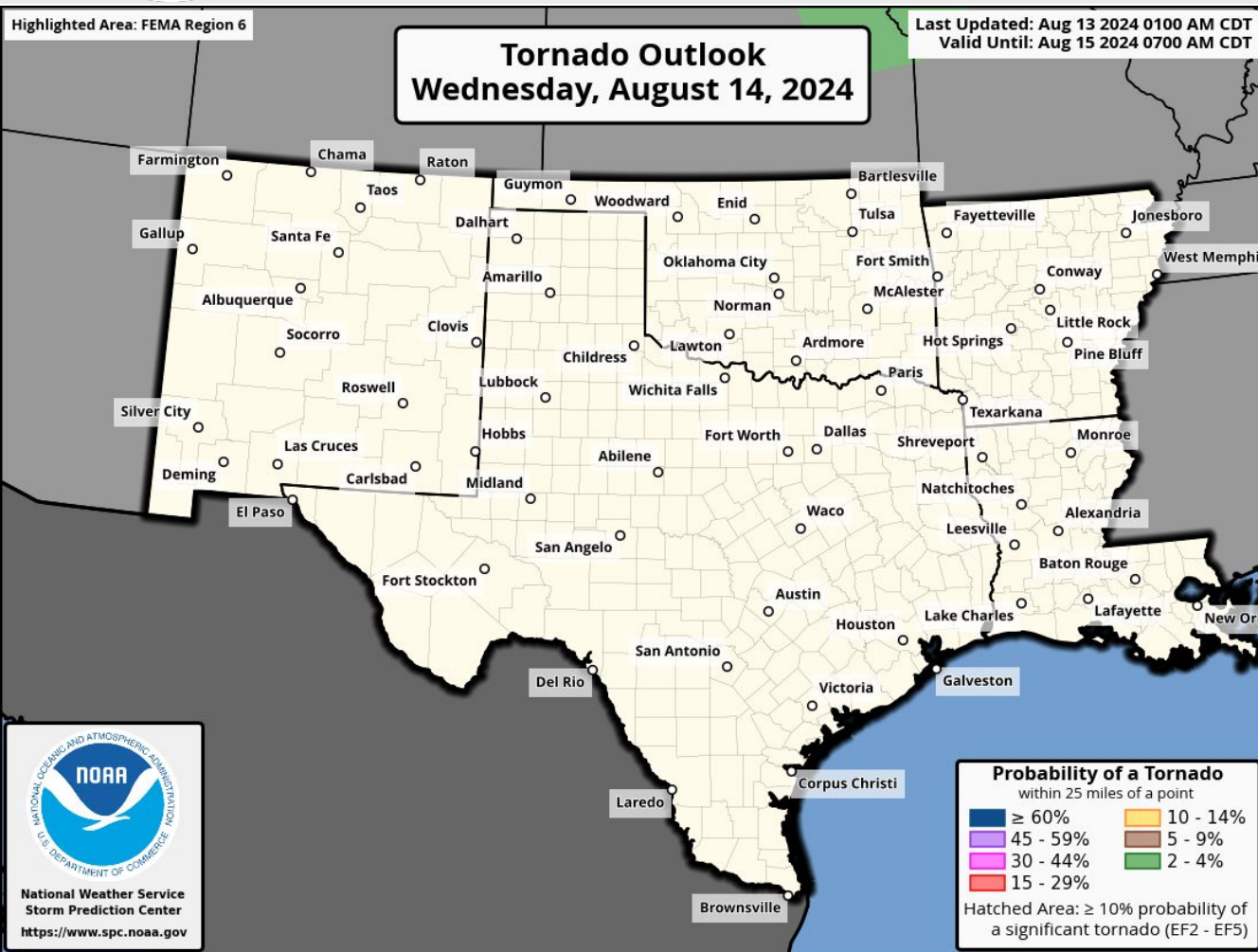


Marginal fire weather threat over NWTX.

Marginal risk for severe storms across TX/OK Panhandles.

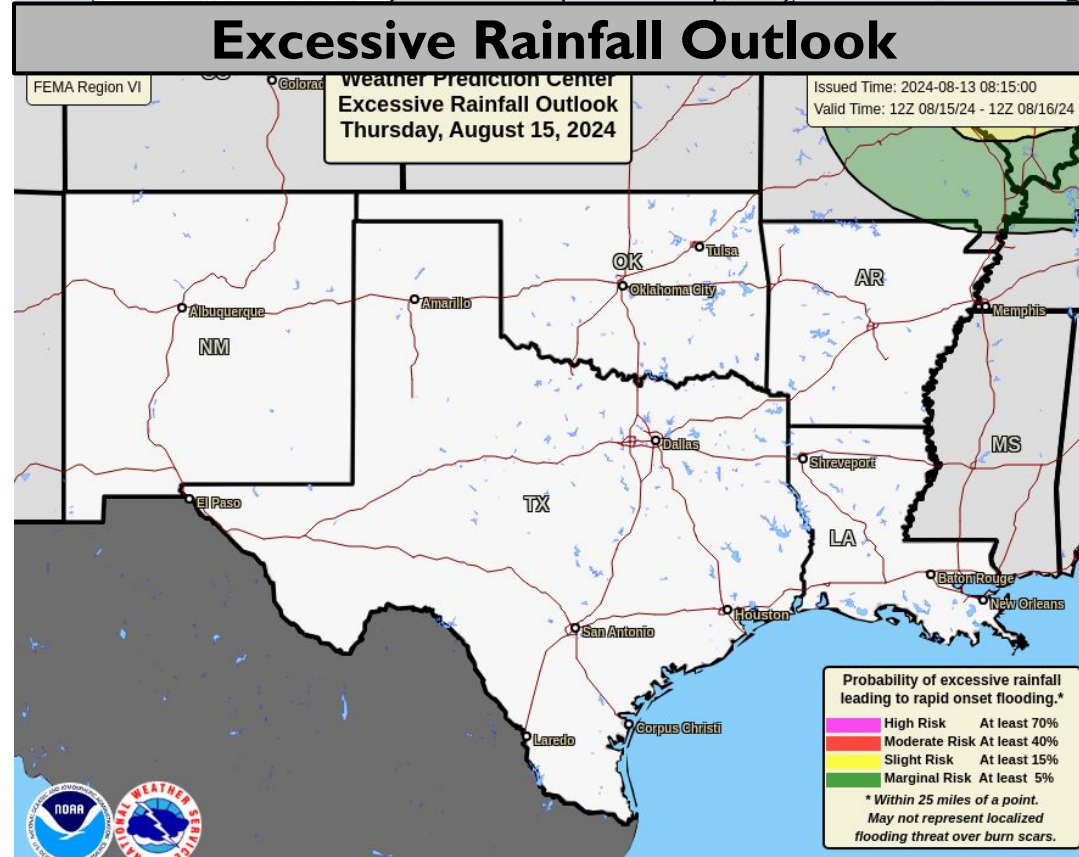
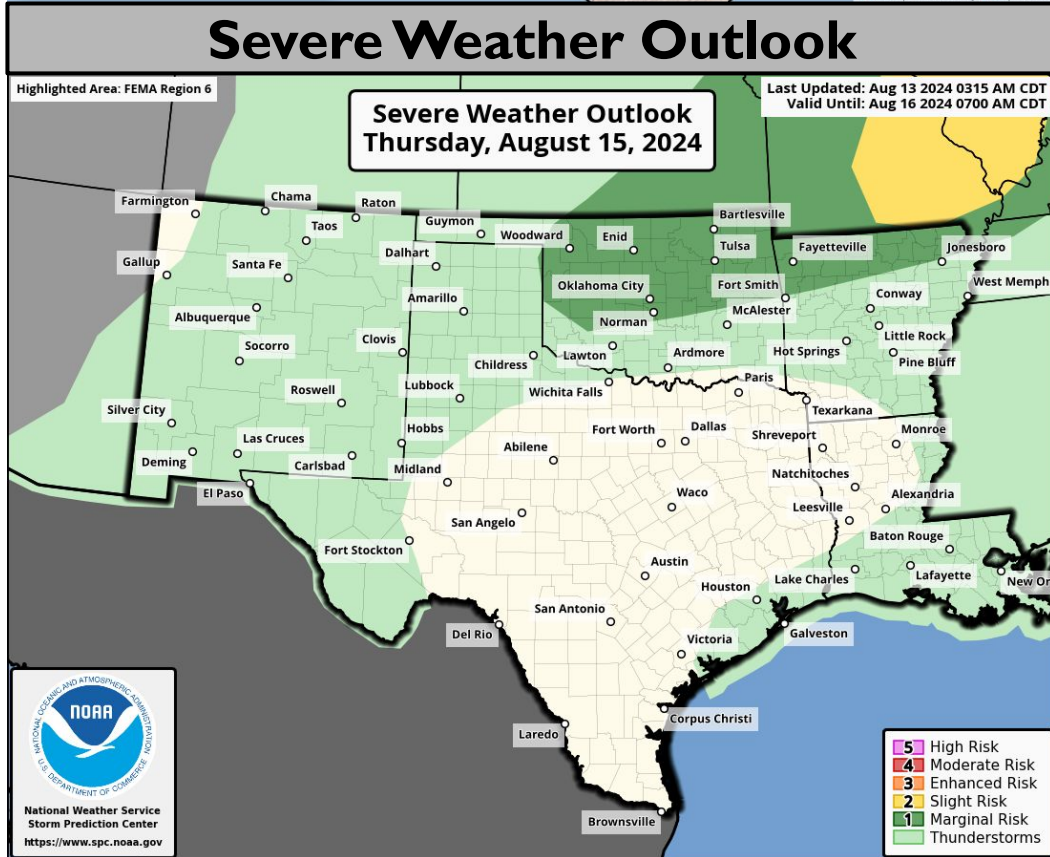
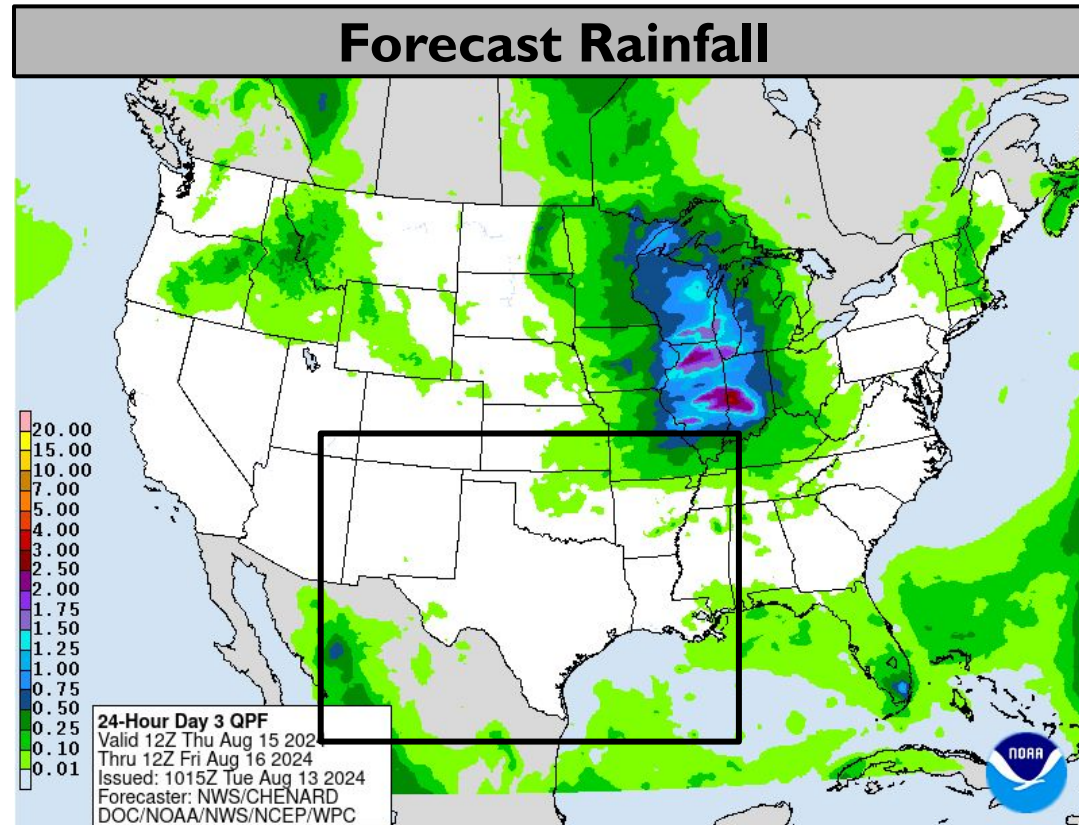
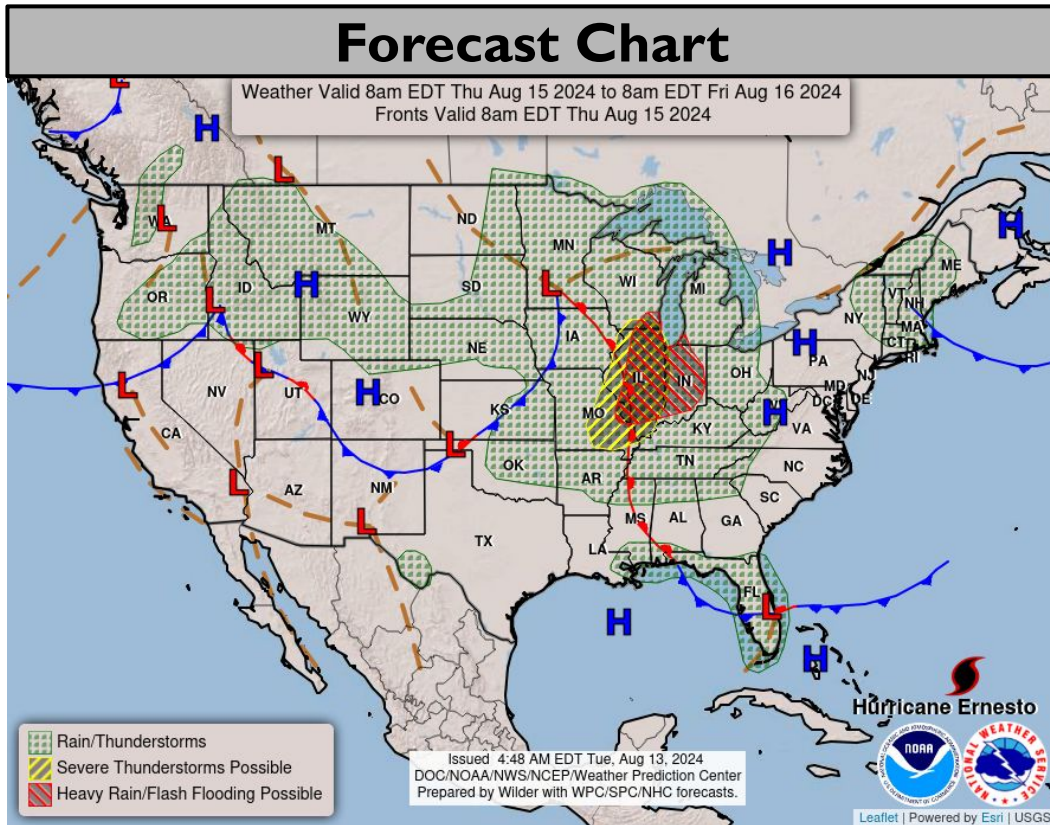


Tomorrow's Tornado & Severe Wind / Hail Probabilities





Thursday's Weather



Excessive heat across OK, Ctrl/E/S TX, AR, LA.

A few strong to severe storms across OK, N AR.

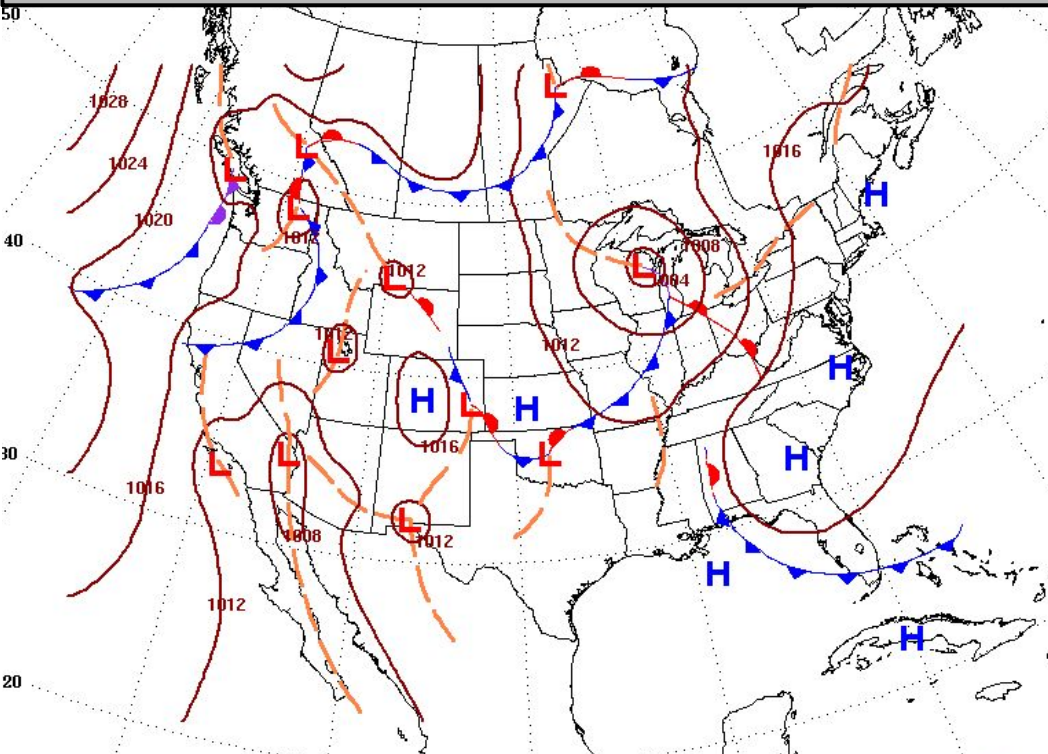
Marginal fire weather conditions over NWTX.

Risk for flash flooding over burn scars in NM.

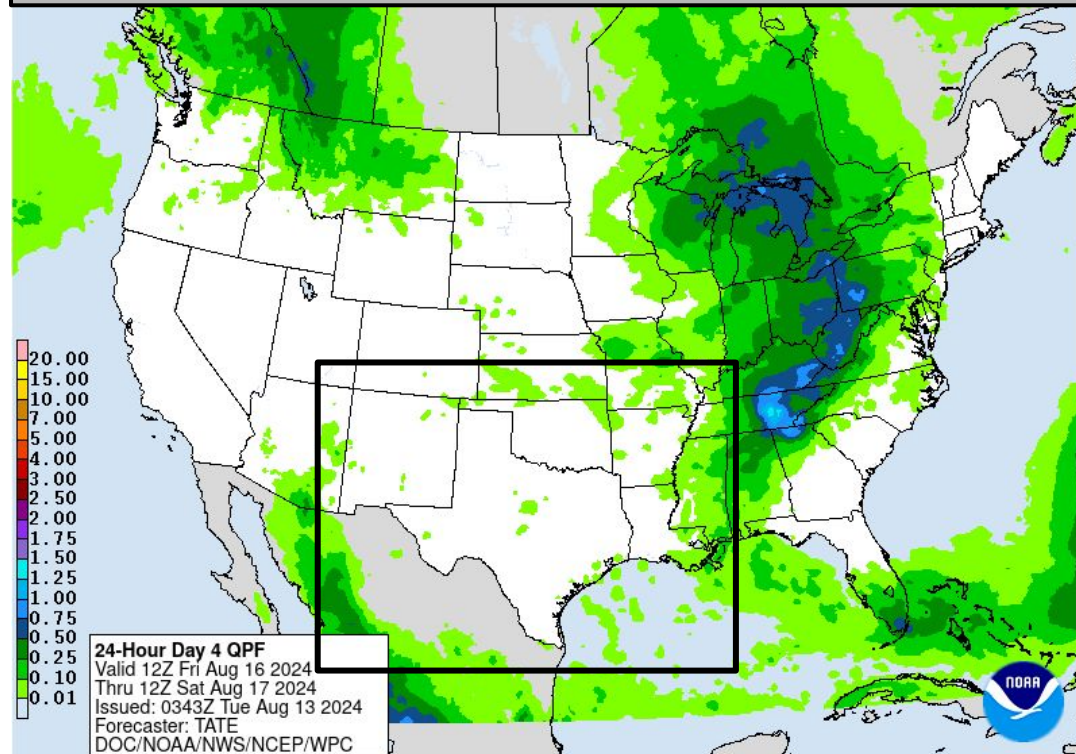


Friday's Weather

Forecast Chart



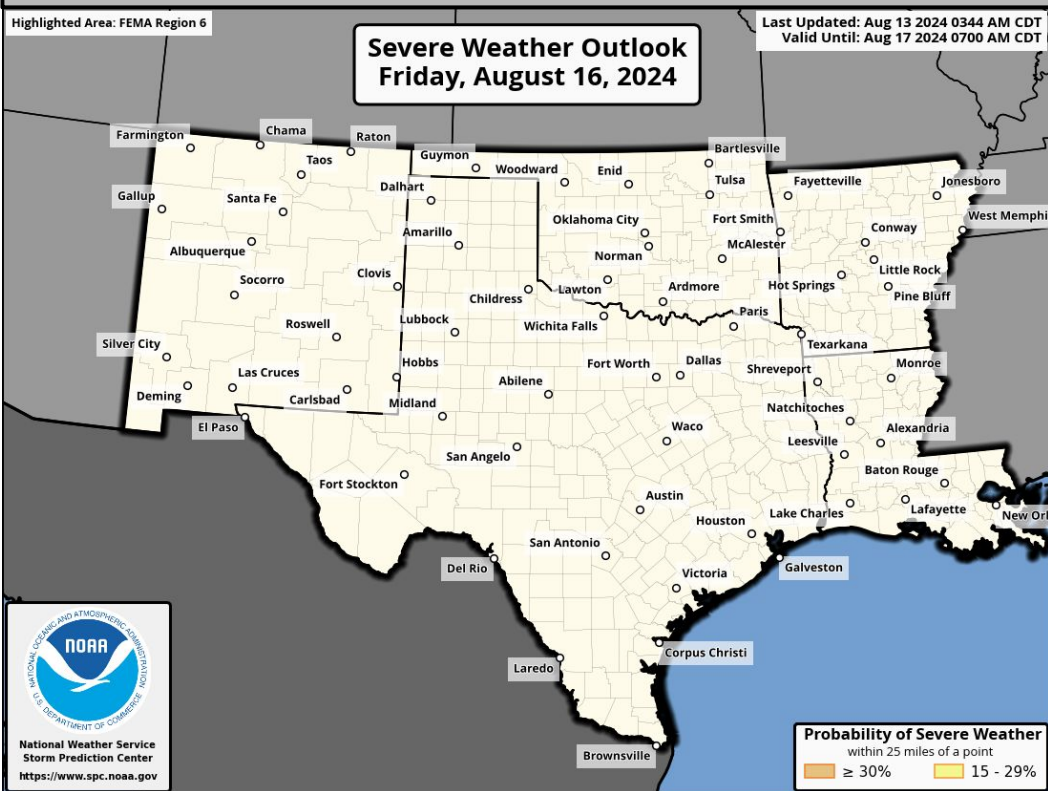
Forecast Rainfall



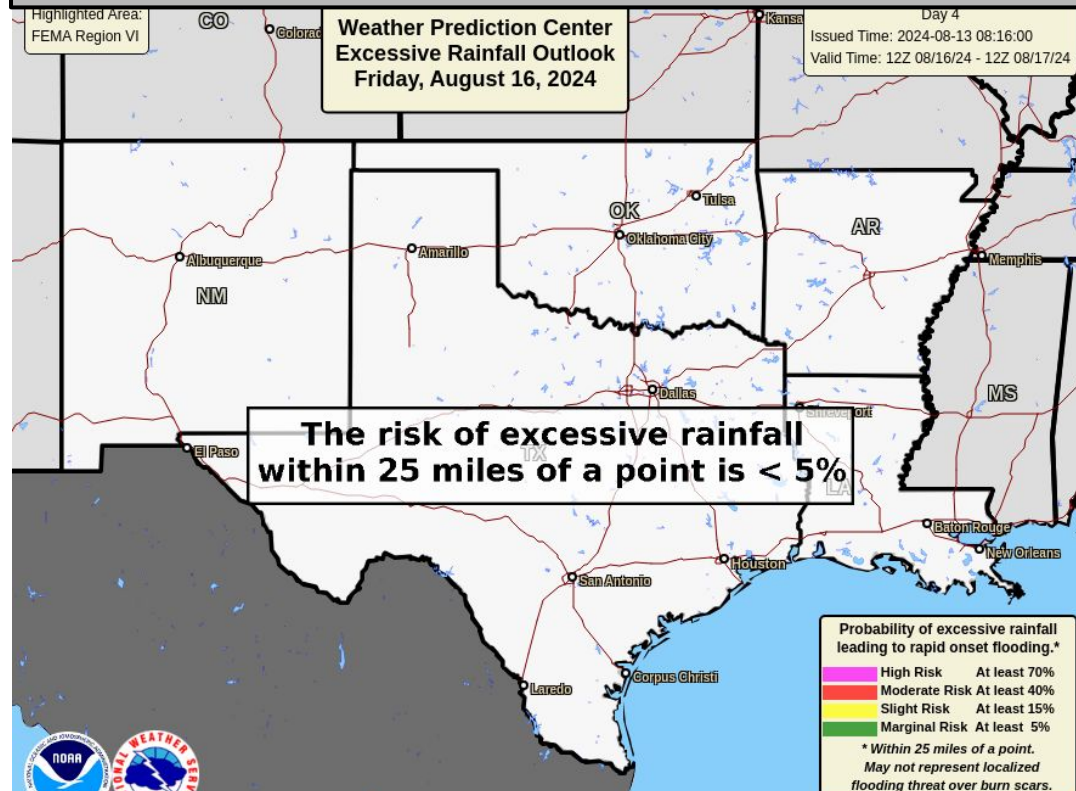
Excessive heat across OK, Ctr/E/S TX, AR, LA.

Marginal fire weather conditions over NWTX.

Severe Weather Outlook



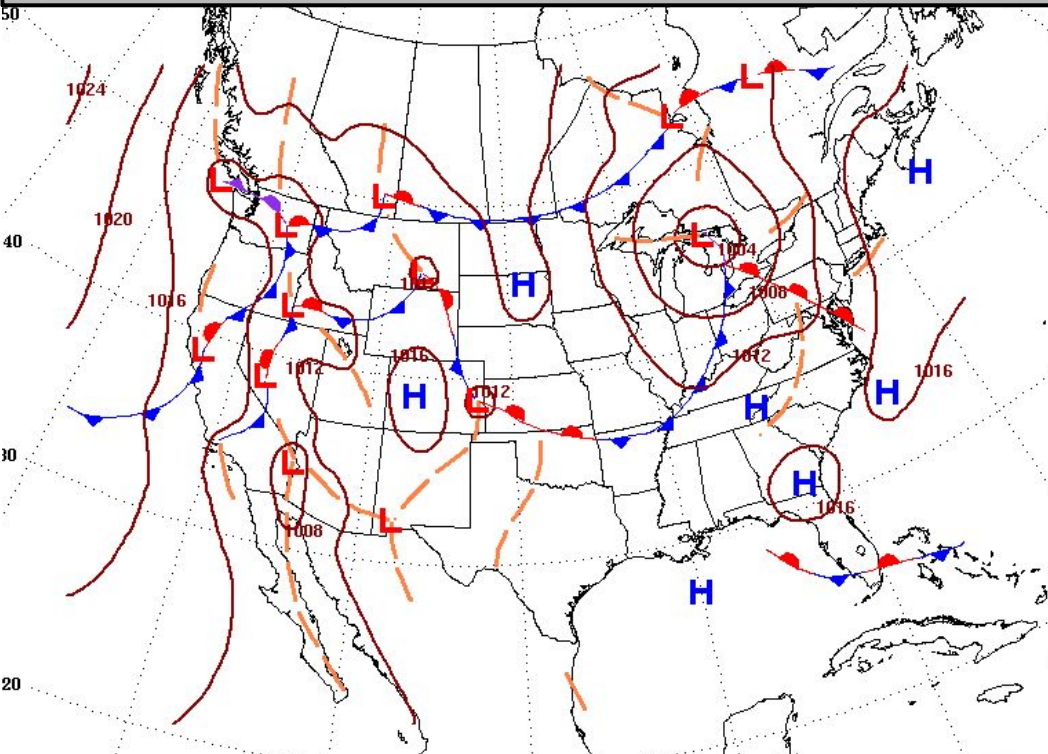
Excessive Rainfall Outlook



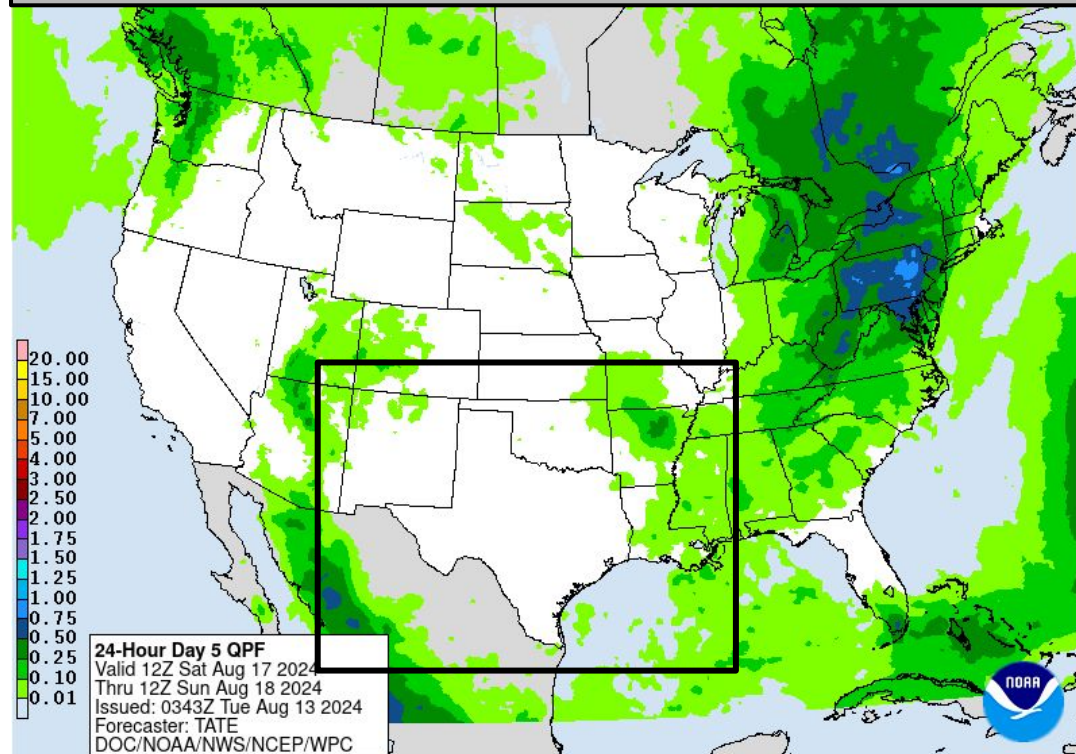


Saturday's Weather

Forecast Chart



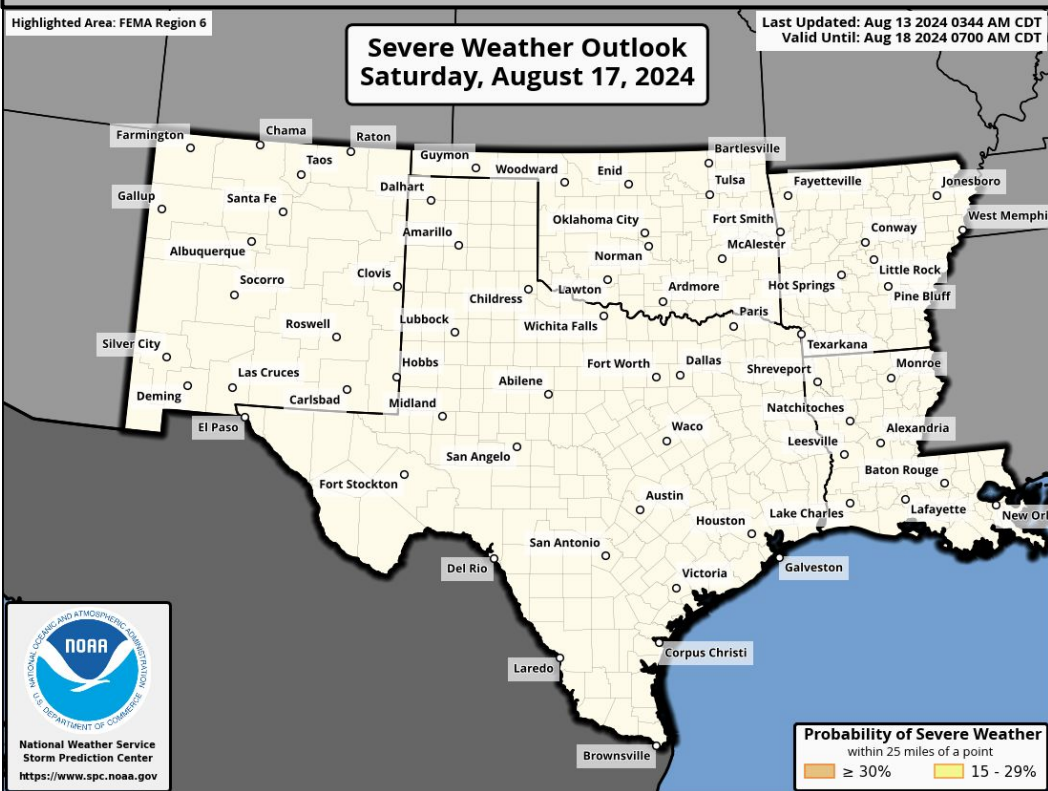
Forecast Rainfall



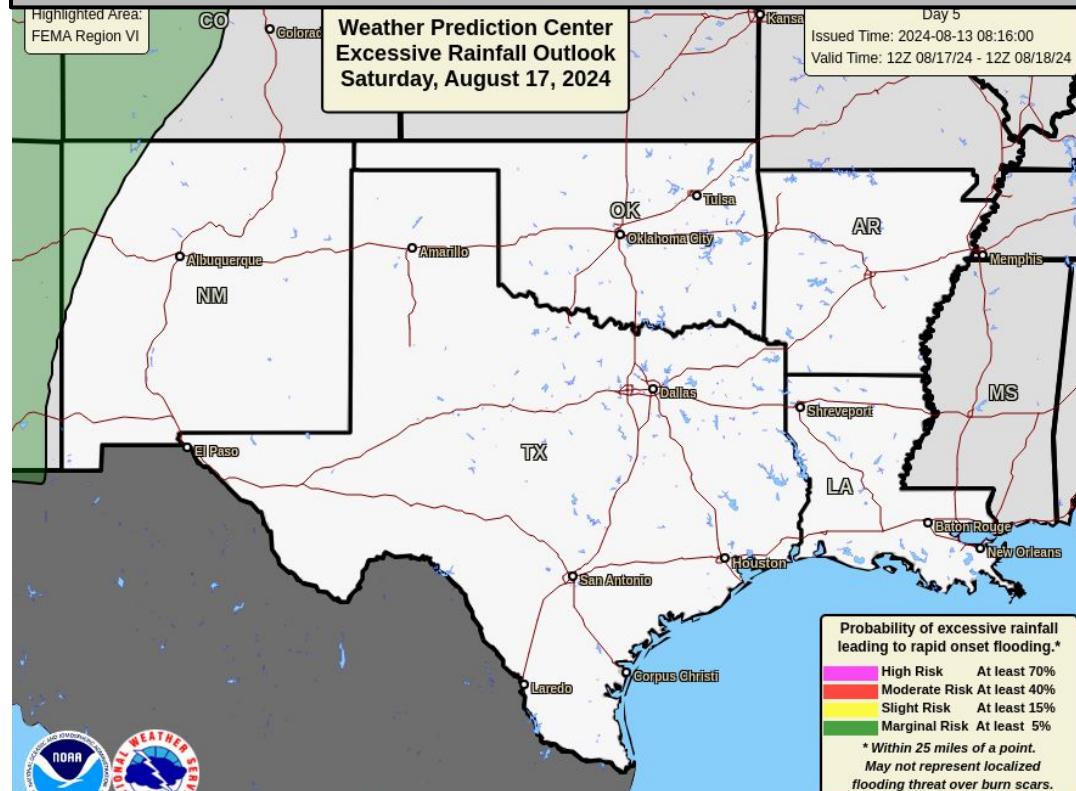
Excessive heat across OK, Ctrl/E/S TX, AR, LA.

Elevated fire weather conditions over NWTX.

Severe Weather Outlook

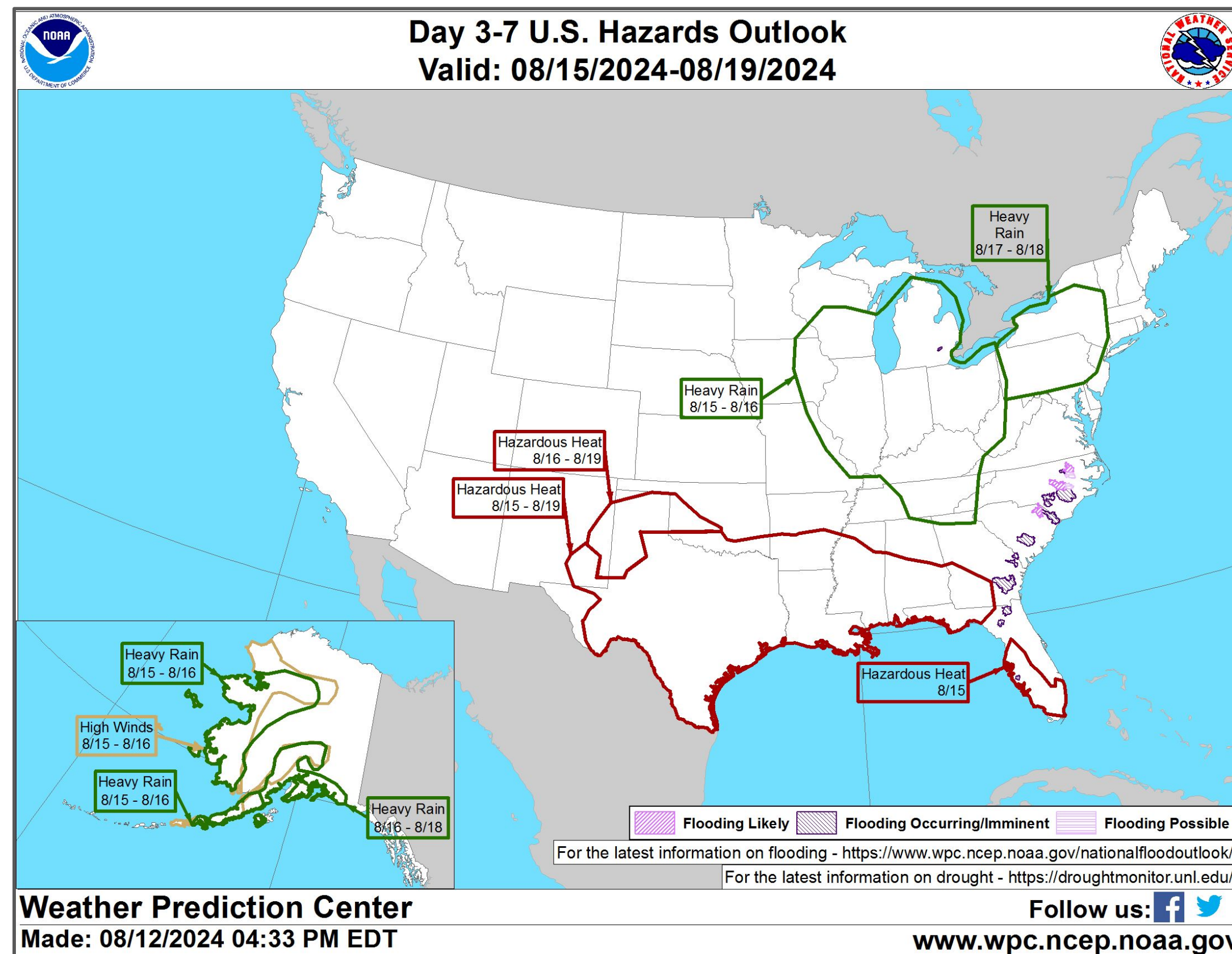


Excessive Rainfall Outlook





“Day 3-7” Hazards Outlook



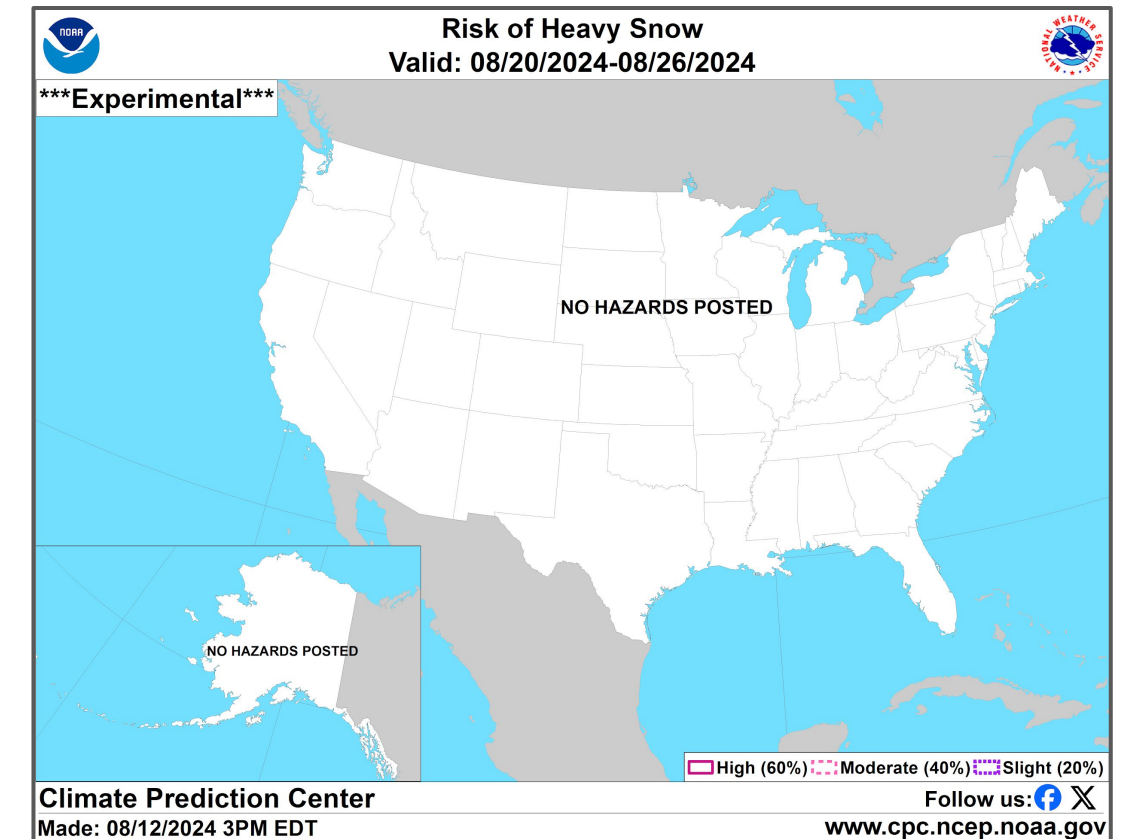
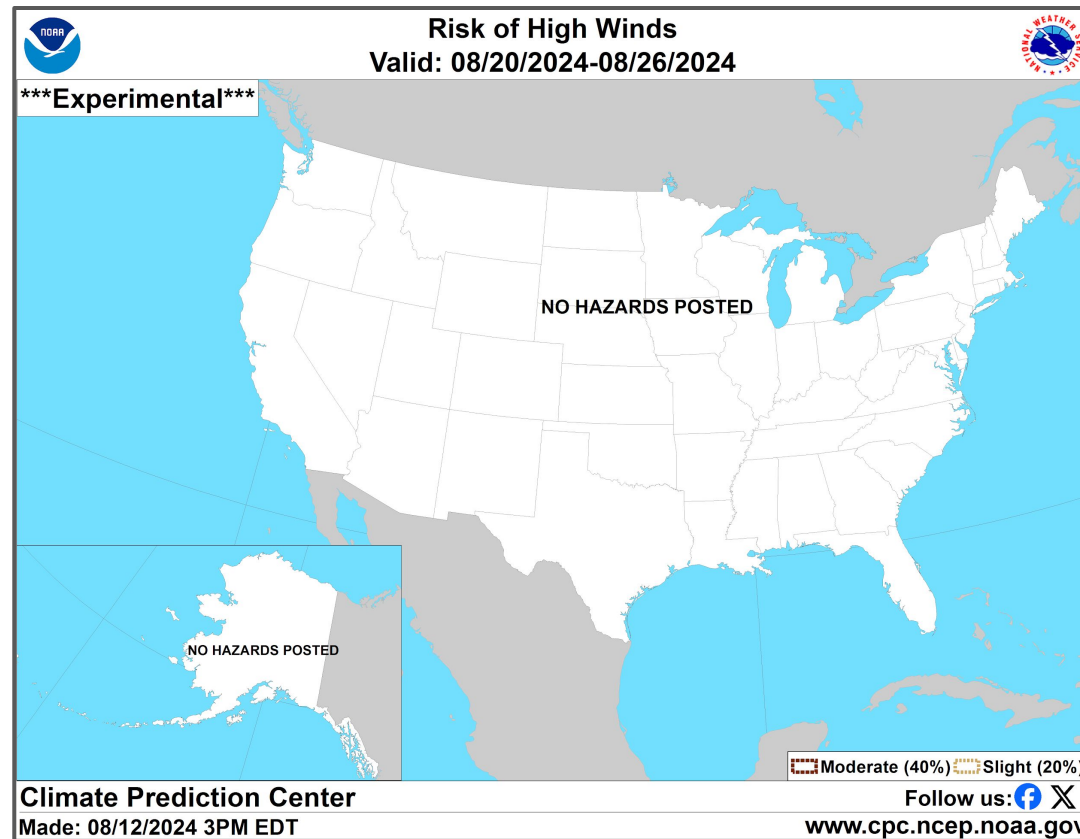
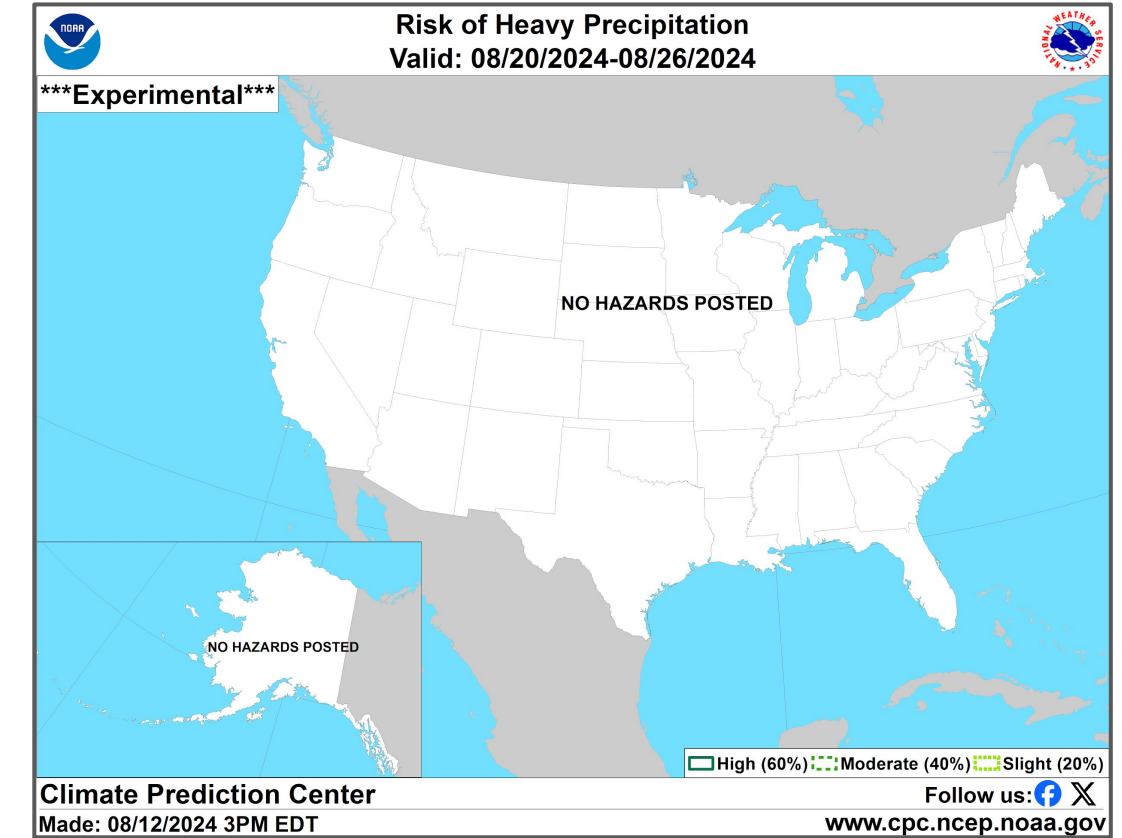
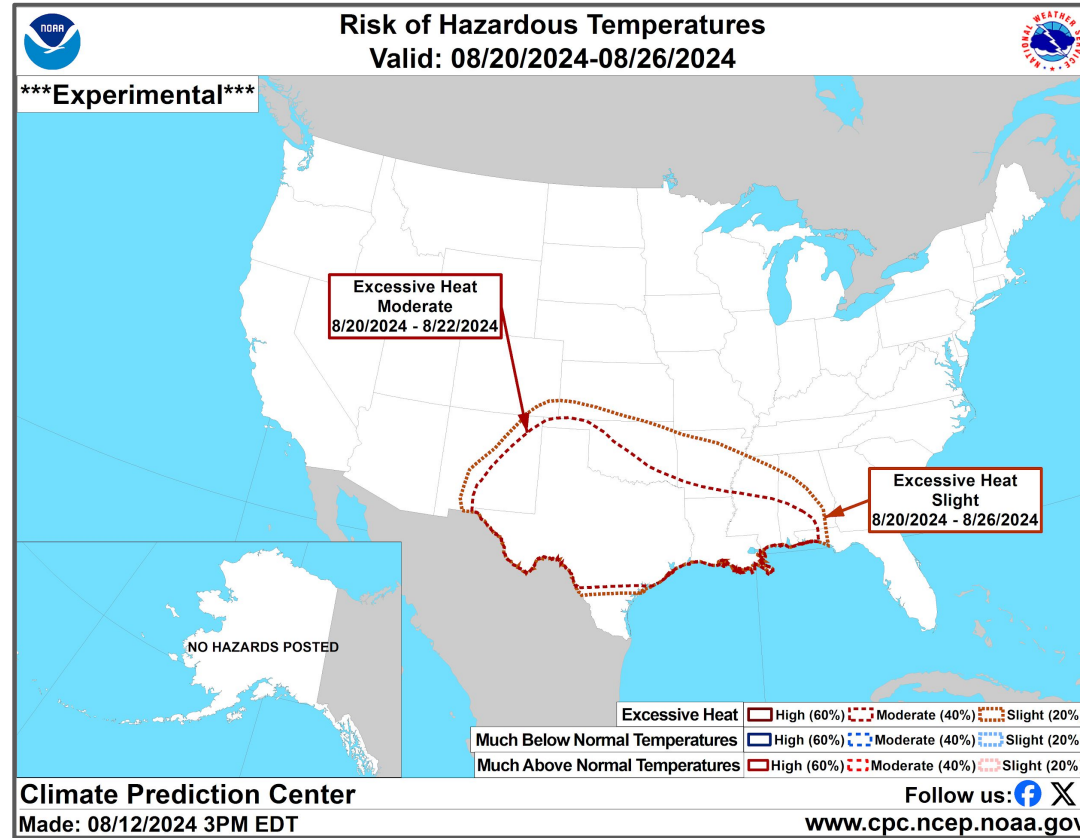
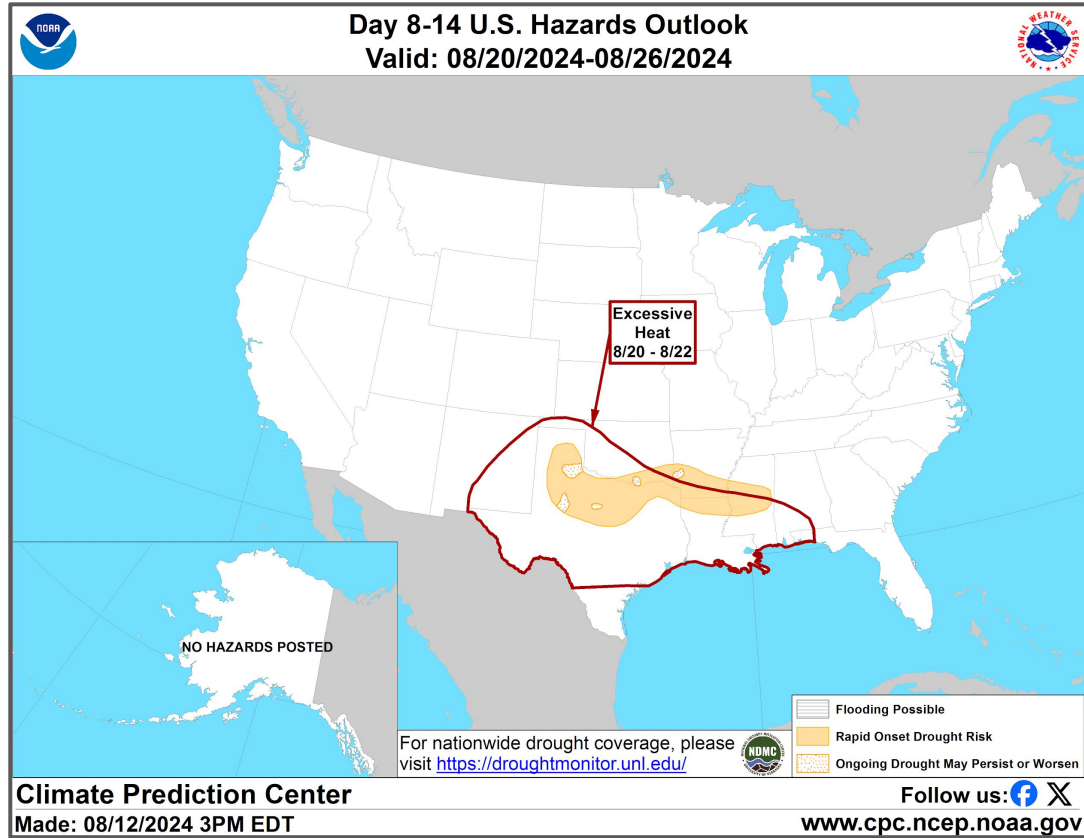
NOTE: These outlooks are issued in the afternoon and only issued on weekdays. Because of that and the fact that these slides are issued in the mornings:

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://origin.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:

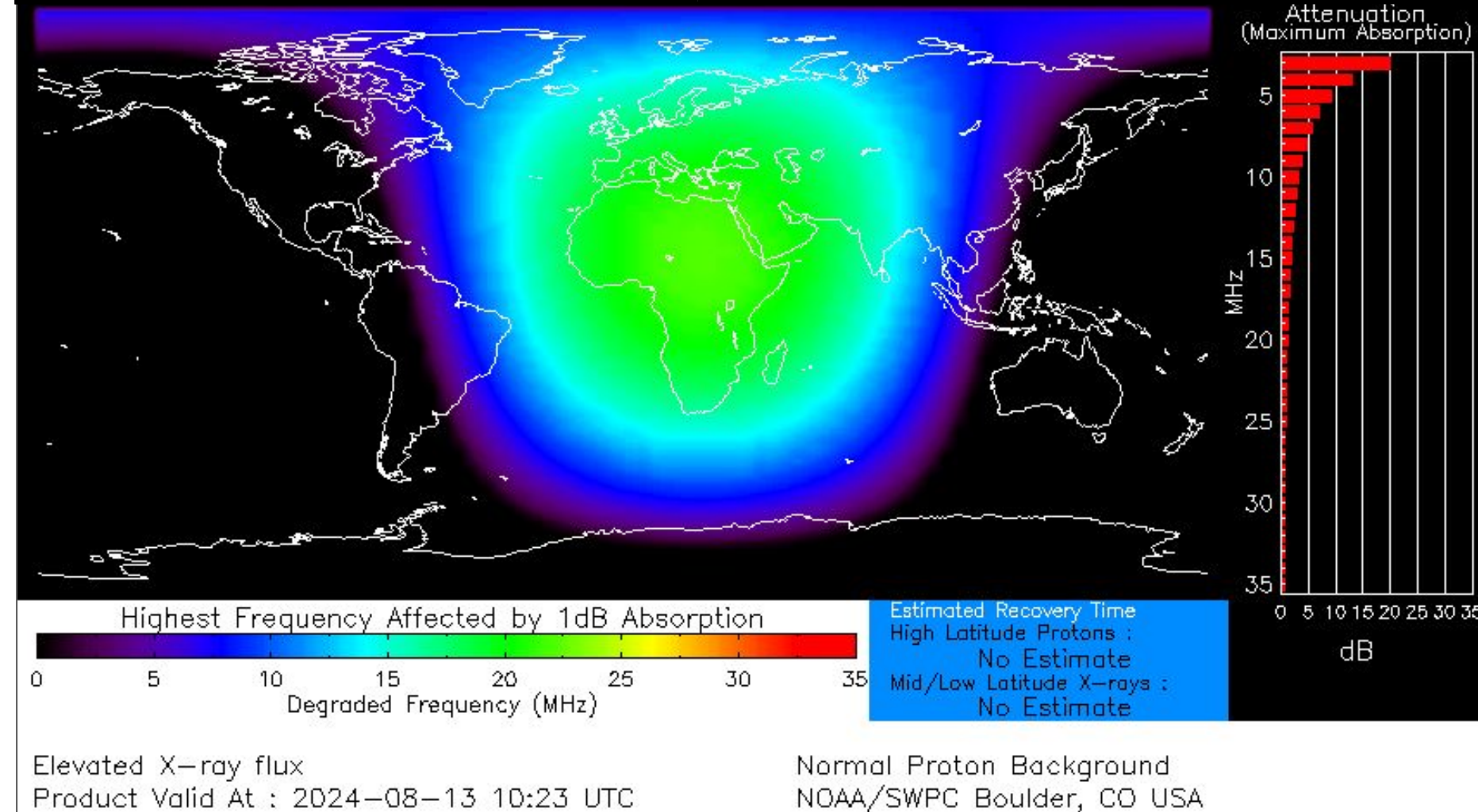
1. The “day 8-14” will really be days 7-13
2. This slide will be hidden on Mondays and Sundays so the data/information is not too old

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



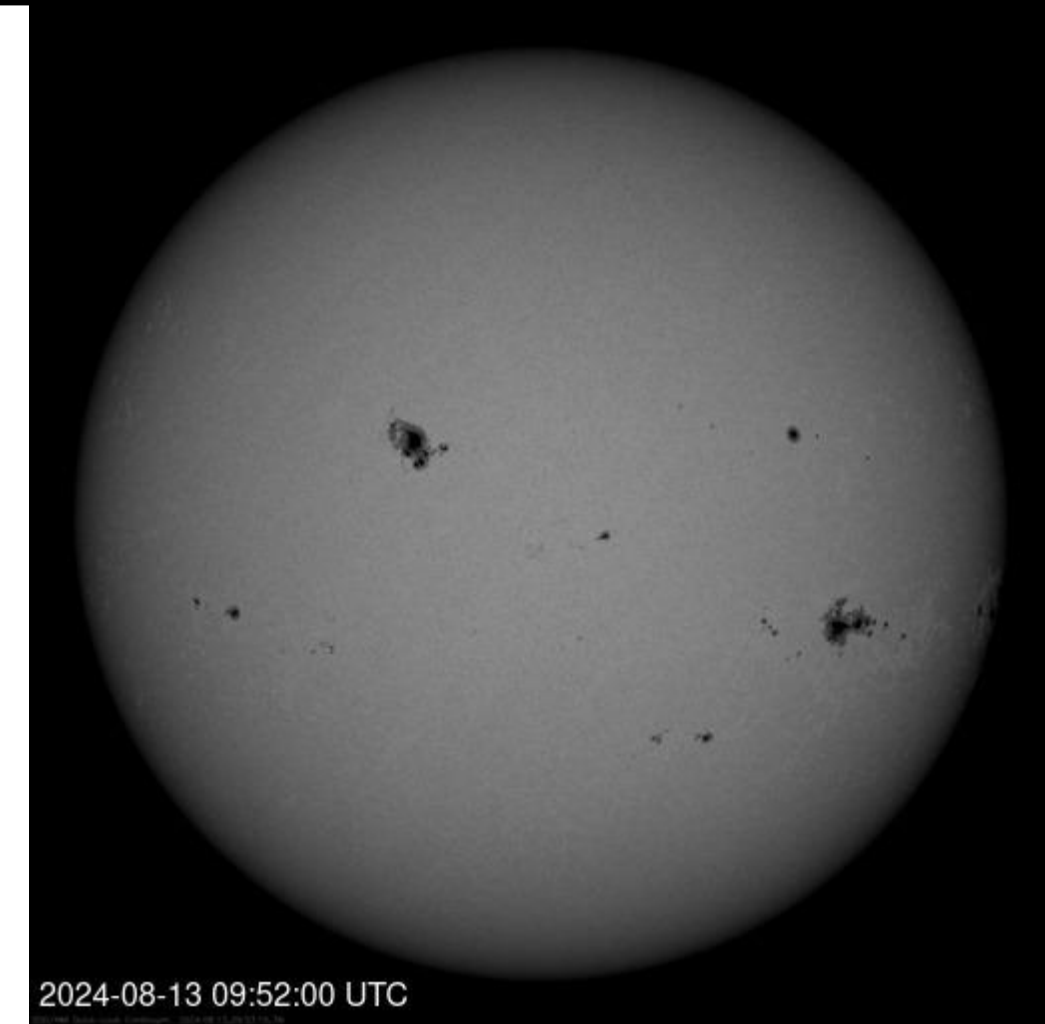
Space Weather 3-Day Forecast

	Tuesday, Aug 13	Wednesday, Aug 14	Thursday, Aug 15
Geomagnetic Storms	Active (Max Kp = 4)	Unsettled (Max Kp = 3)	Unsettled (Max Kp = 3)
Solar Radiation Storm (S1-S5)	15%	15%	15%
Radio Blackout (R1-R2)	75%	75%	75%
Radio Blackout (R3-R5)	30%	30%	30%



[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



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