



FEMA



Prepared by
Brian Hoeth

FEMA Region 6 Weather Threat Briefing

Thursday, August 15, 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

- **Excessive heat across OK, TX, AR and LA will spread through most of the region through the end of the week. Heat will intensify further at the beginning of next week.**
- **Marginal fire weather threat across NW TX through Saturday. Elevated threat for NW TX, SW OK Sunday into next week as temperatures rise.**
- **A few strong to severe storms across OK, AR today and tomorrow.**
- **Flash flood threat returns to burn scar areas across W/NW NM Saturday and Sunday.**
- **Hurricane Ernesto expected to stay in the Atlantic with no impacts to FEMA 6.**





FEMA Region 6 Threat Matrix

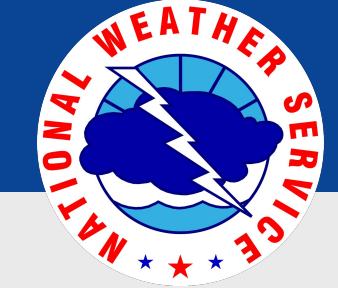
Next 5 Days

	Thursday, Aug 15	Friday, Aug 16	Saturday, Aug 17	Sunday, Aug 18	Monday, Aug 19
Severe Storms	OK, N AR	N OK, N/Ctrl AR			
Heavy Rain / Flash Flooding			W NM	NW NM	
Fire Weather	NW TX	NW TX	NW TX	SW OK, NW TX	SW OK, NW TX
Wind					
Heat	OK, N/Ctrl/ETX, AR, LA	Most of FEMA 6	Most of FEMA 6	Most of FEMA 6	Most of FEMA 6
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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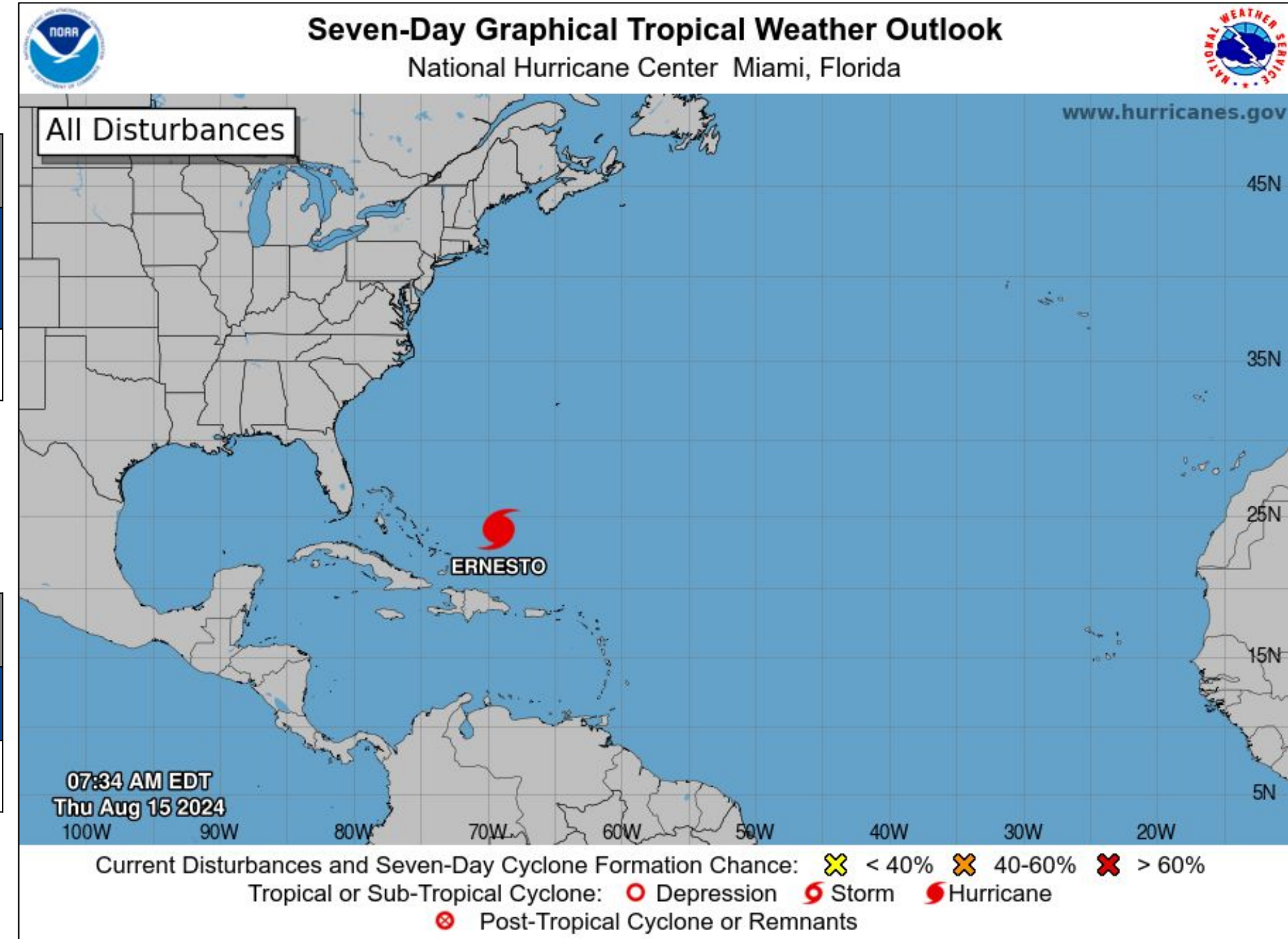
Tropical Weather Outlook – Atlantic/Gulf

Areas of Possible Development

Area	Chance of Development	Potential Impacts to FEMA 6

Active Tropical Cyclones

Storm	Potential Impacts to FEMA 6
Ernesto	None.



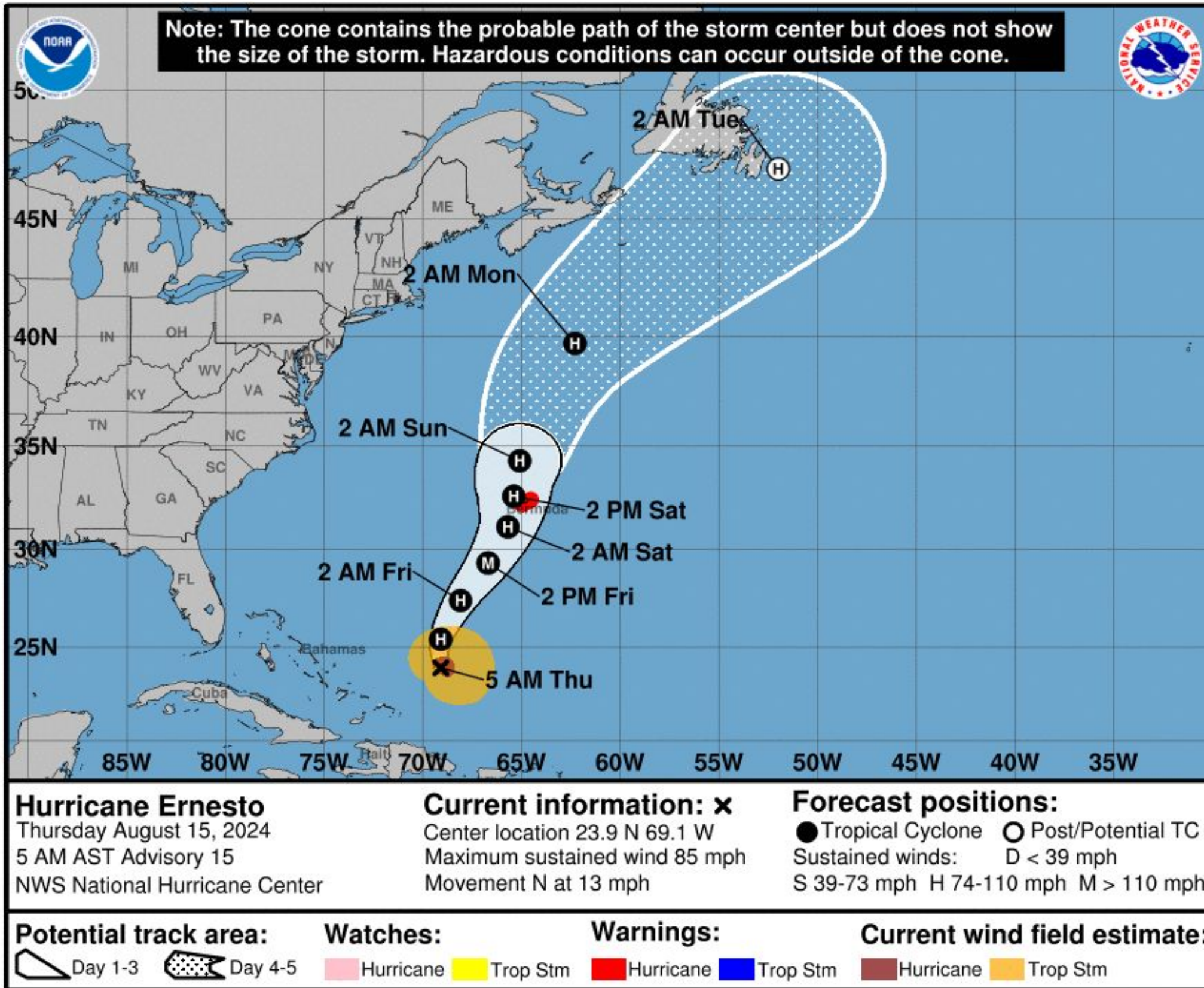
See <http://www.hurricanes.gov> for the latest on the tropics or any active storms



Ernesto

2:24 PM

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



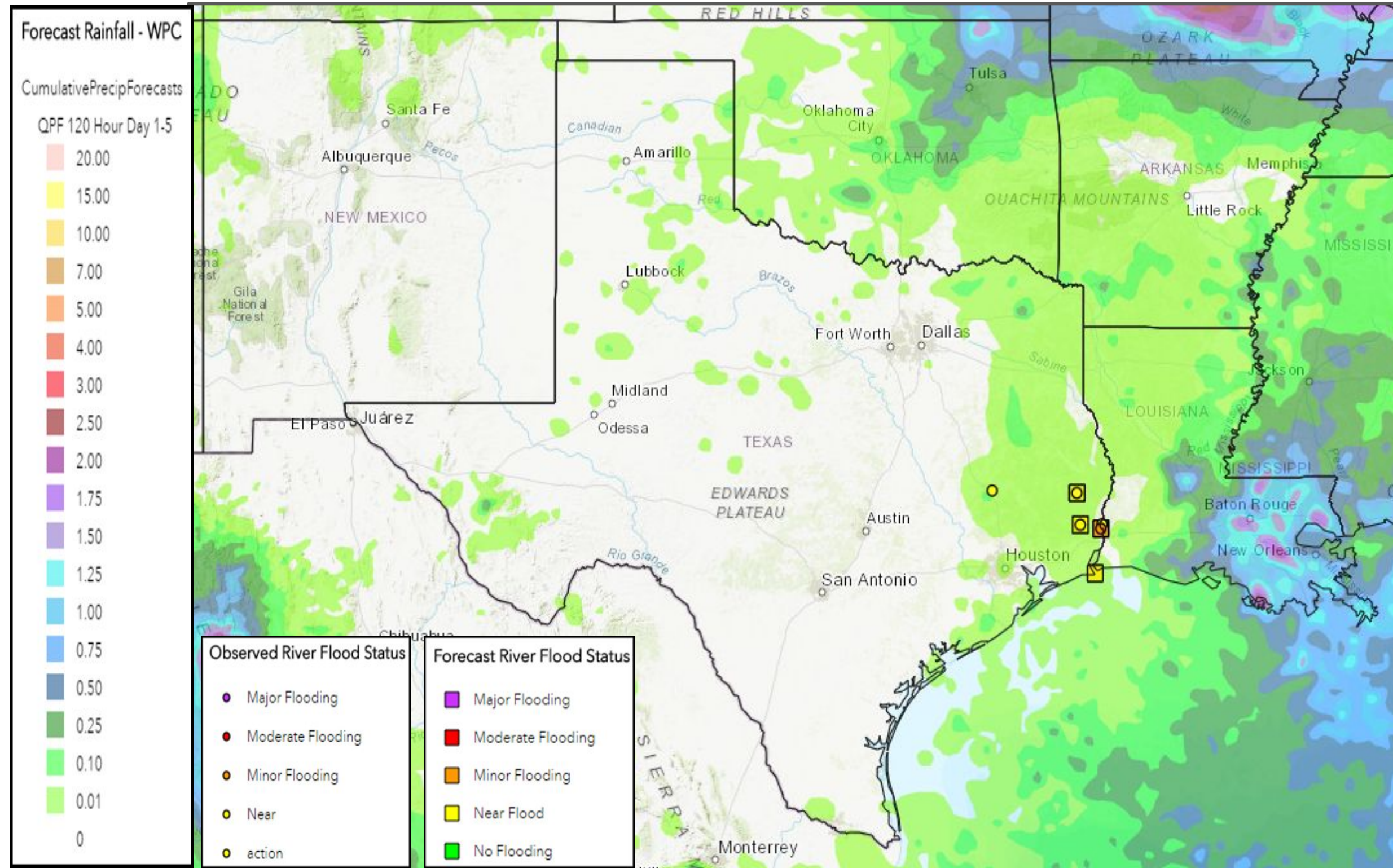
No impacts to FEMA Region 6.





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

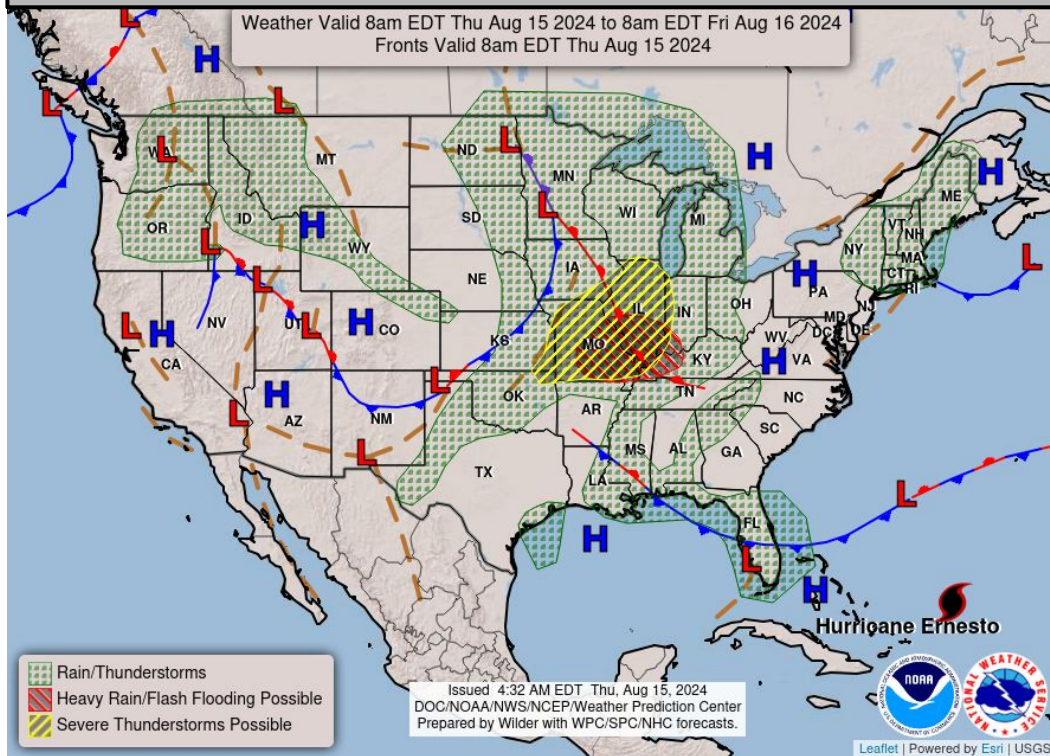


Minor river flooding for Sabine River at Deweyville. No significant impacts.

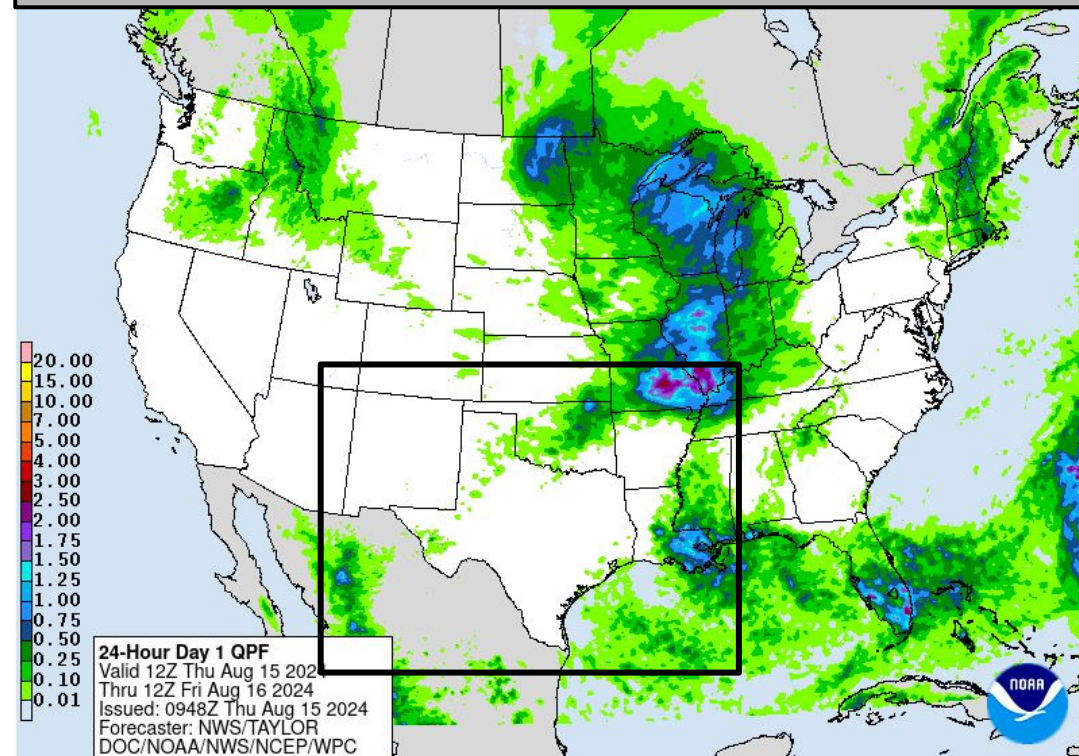


Today's Weather

Forecast Chart



Forecast Rainfall

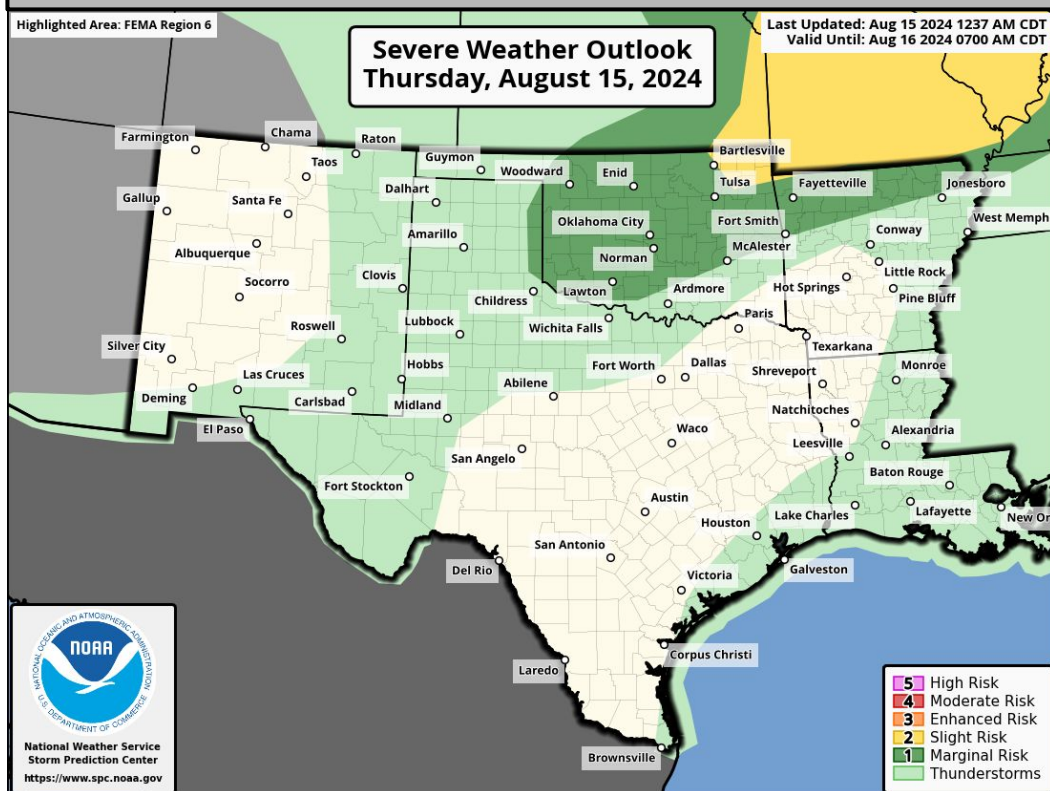


Excessive heat across OK, N/Ctr/E TX, AR, LA.

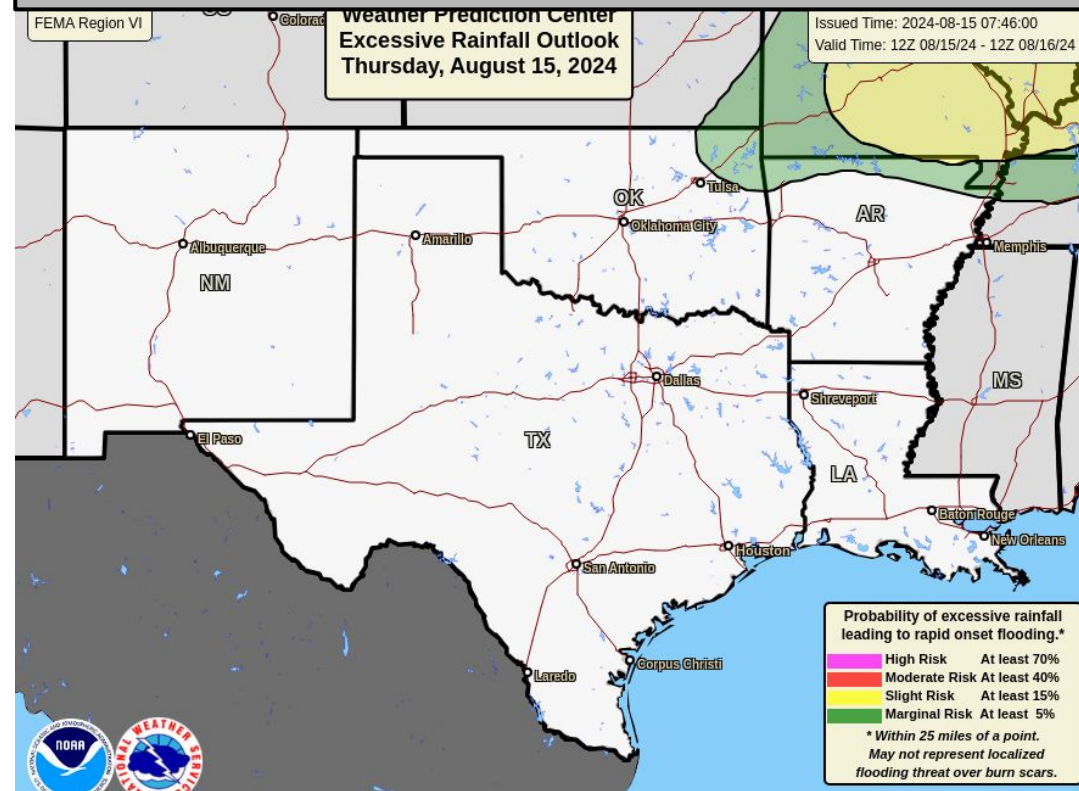
Marginal fire weather conditions over NWTX.

Marginal risk for severe storms across OK, N AR.

Severe Weather Outlook



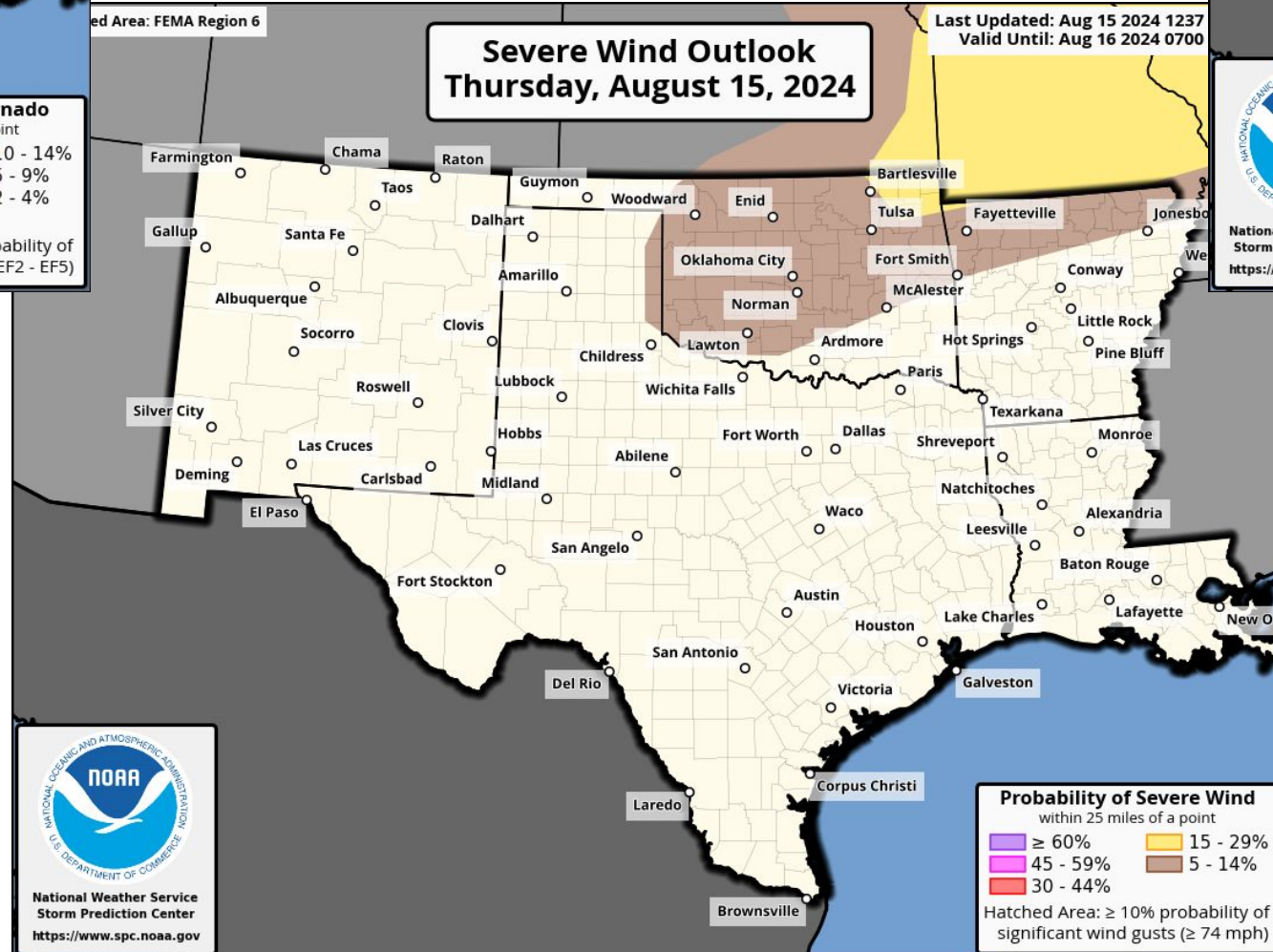
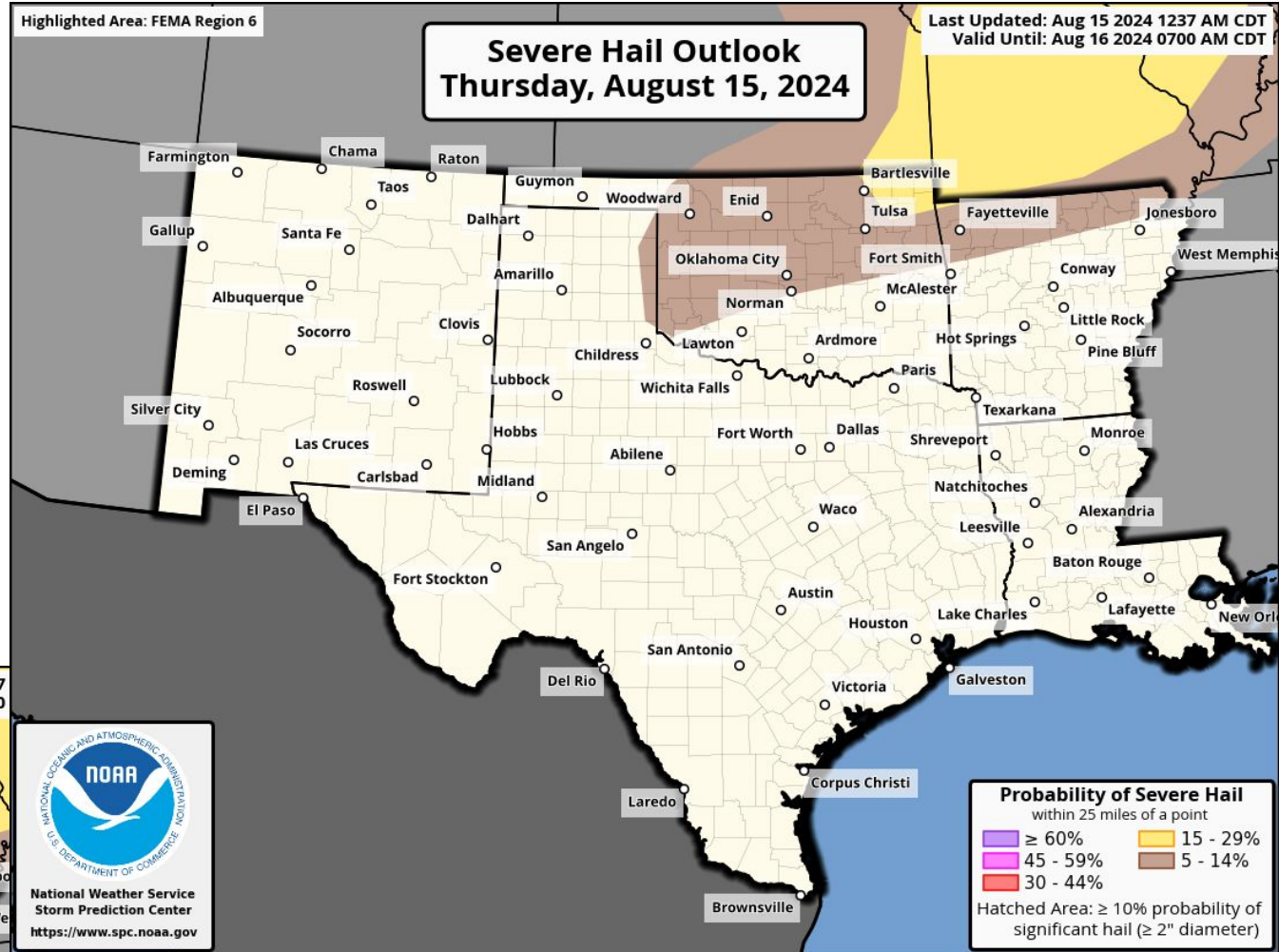
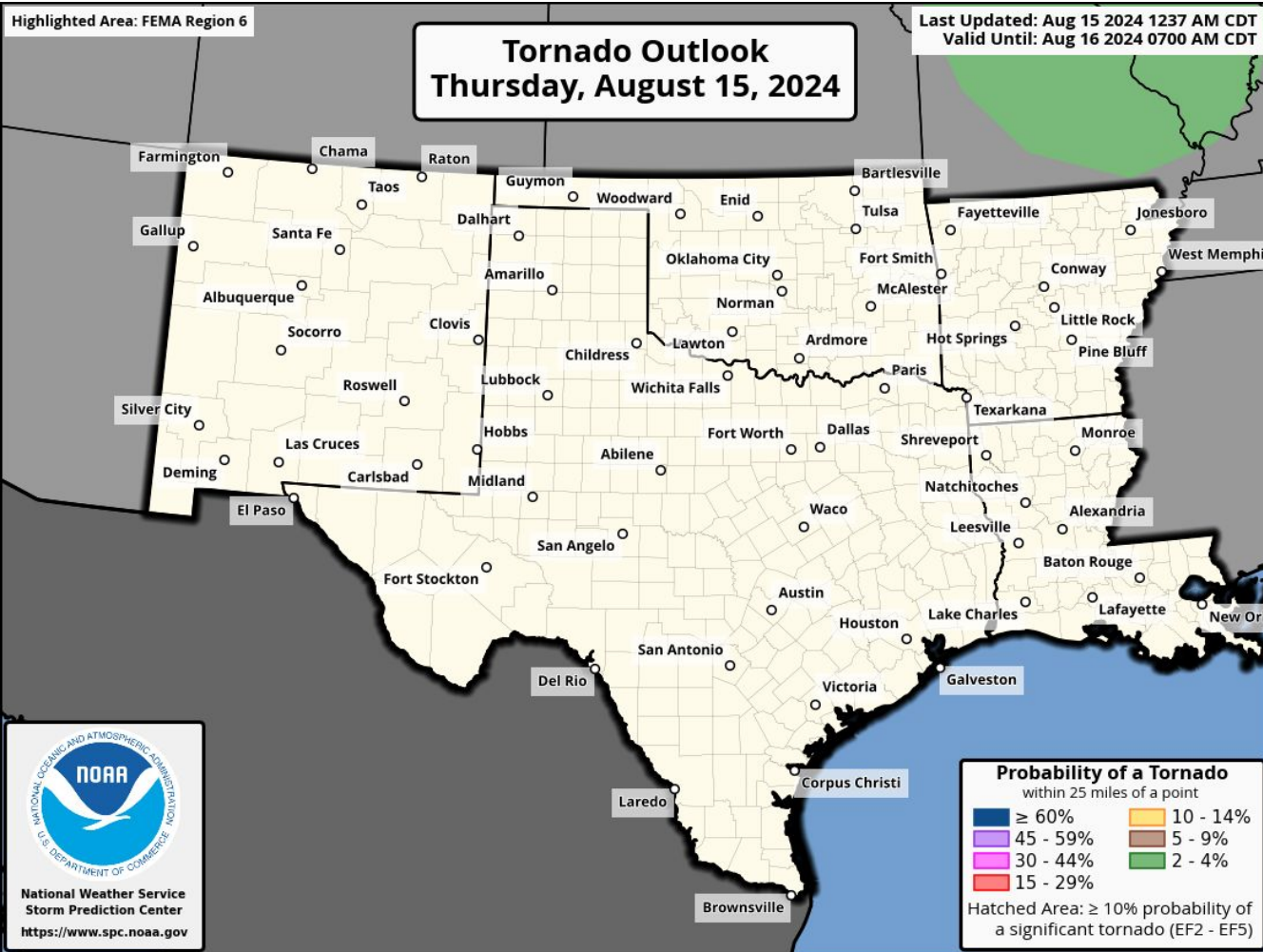
Excessive Rainfall Outlook





Today's Tornado & Severe Wind / Hail Probabilities

August 15, 2024



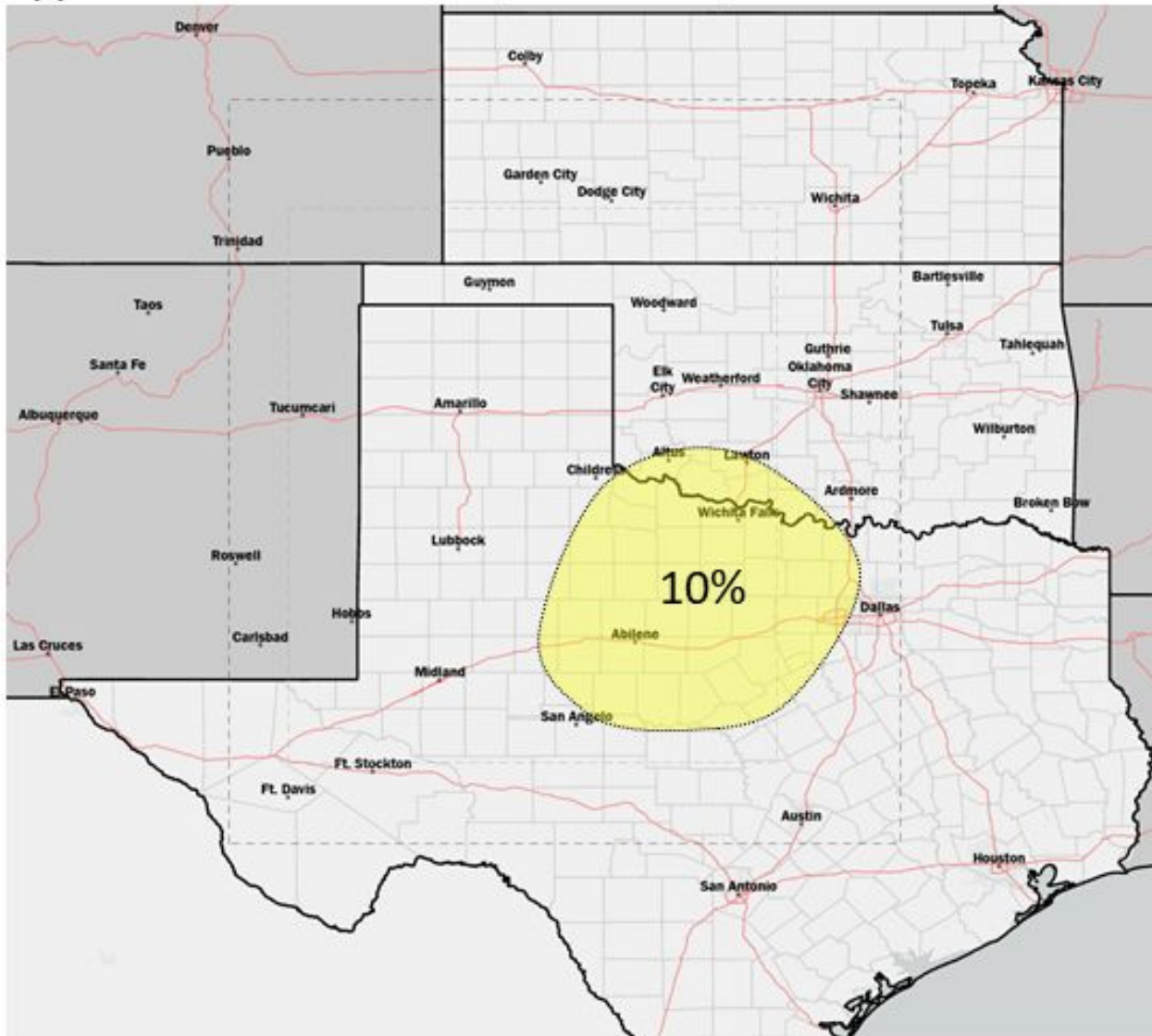


Fire Weather Outlook

Probability of Significant Wildfire or Southern Great Plains Wildfire Outbreak



Approximate Threat: Sun 8/18 – Wed 8/21



Outlook Last Updated: Wed 14 Aug 2024 – 11:00 AM – TL/LK/GM/DD/BS/AW

Risk Potential Legend

- <10% Nil and/or Routine Fire Wx with Initial Attack & Large Fire
- 10%-30% Low-Moderate Significant Fire
- 40%-60% High Significant Fire Potential - Outbreak Possible
- >60% Significant Wildfire & Outbreak Likely

Above normal summertime fire potential across SW OK, NW TX Sunday into the middle of next week.

This outlook is an experimental decision support tool produced in collaboration with...



...and is strictly intended to reflect forecast probabilities of significant wildfire and "firestorm" conditions.

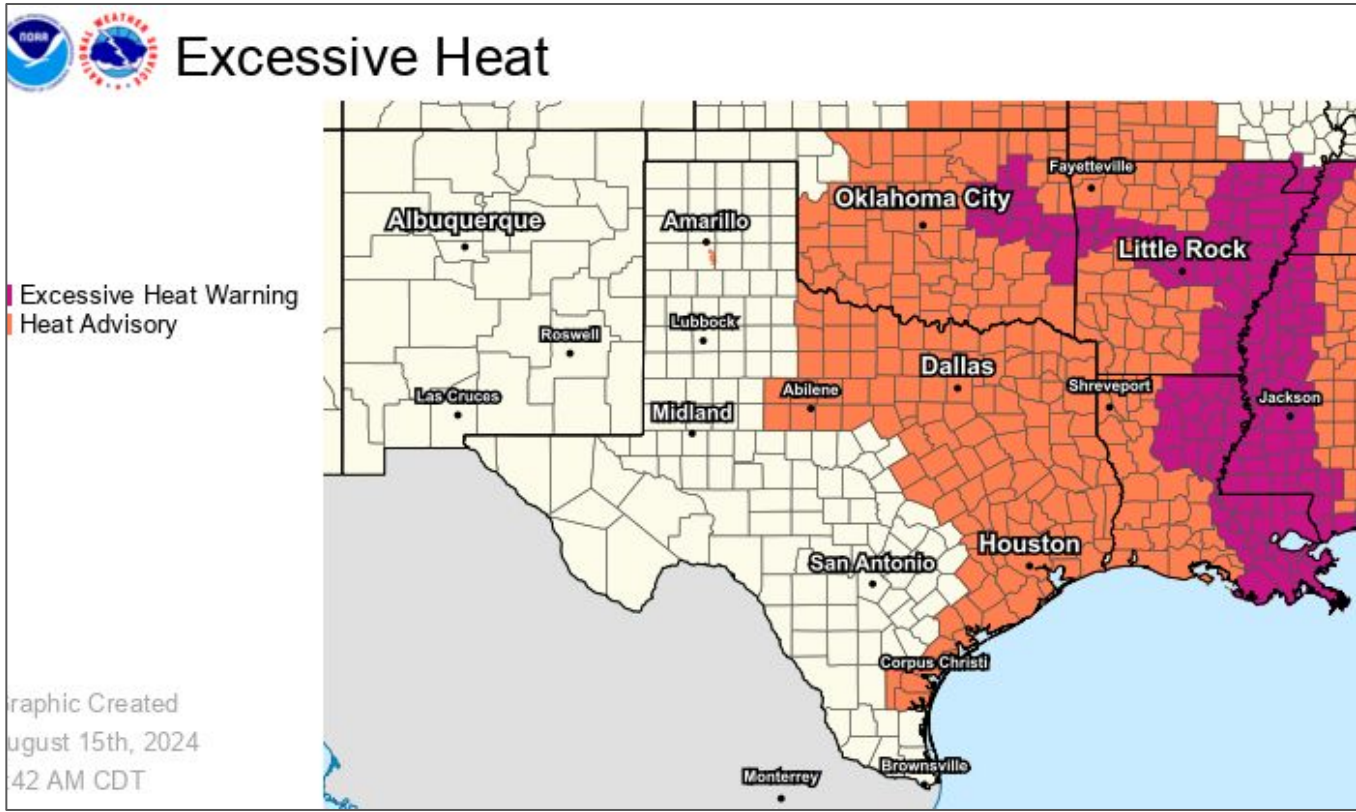
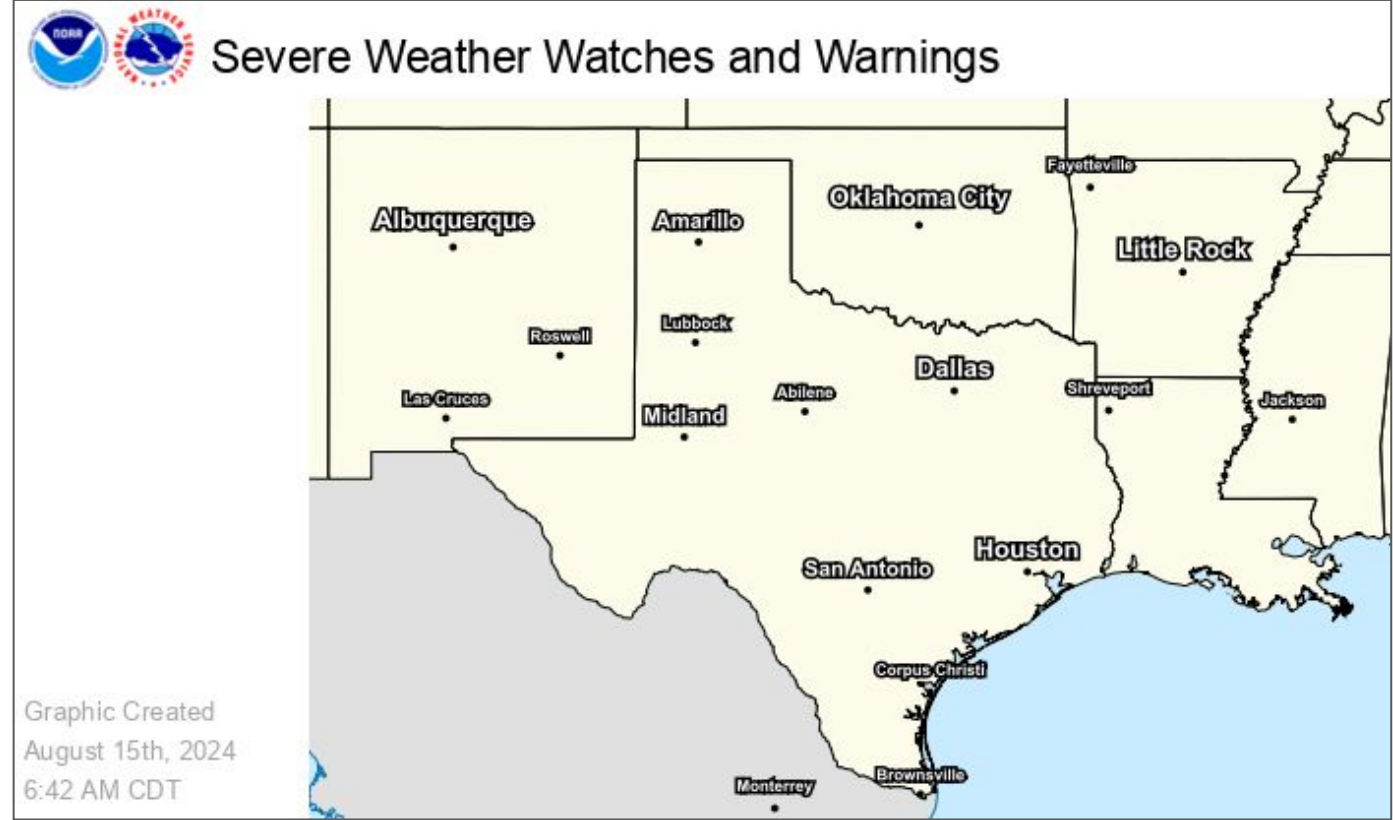




Watches, Warnings, and Advisories

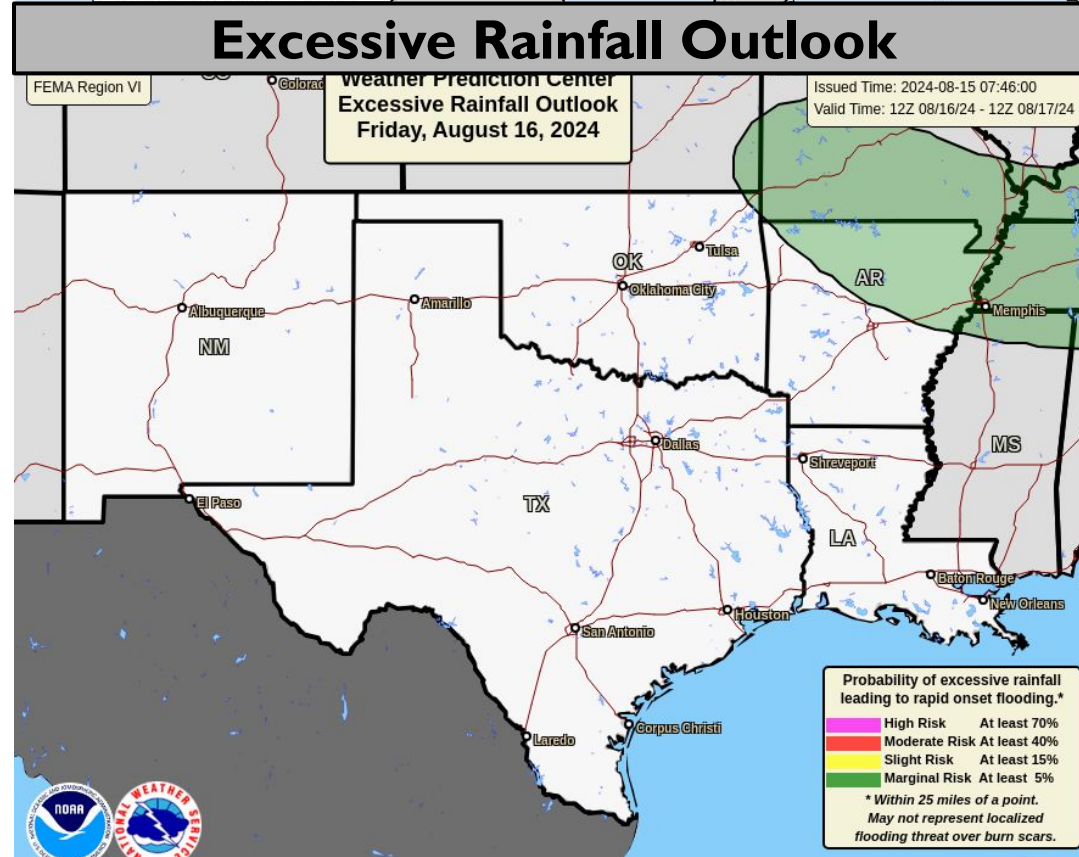
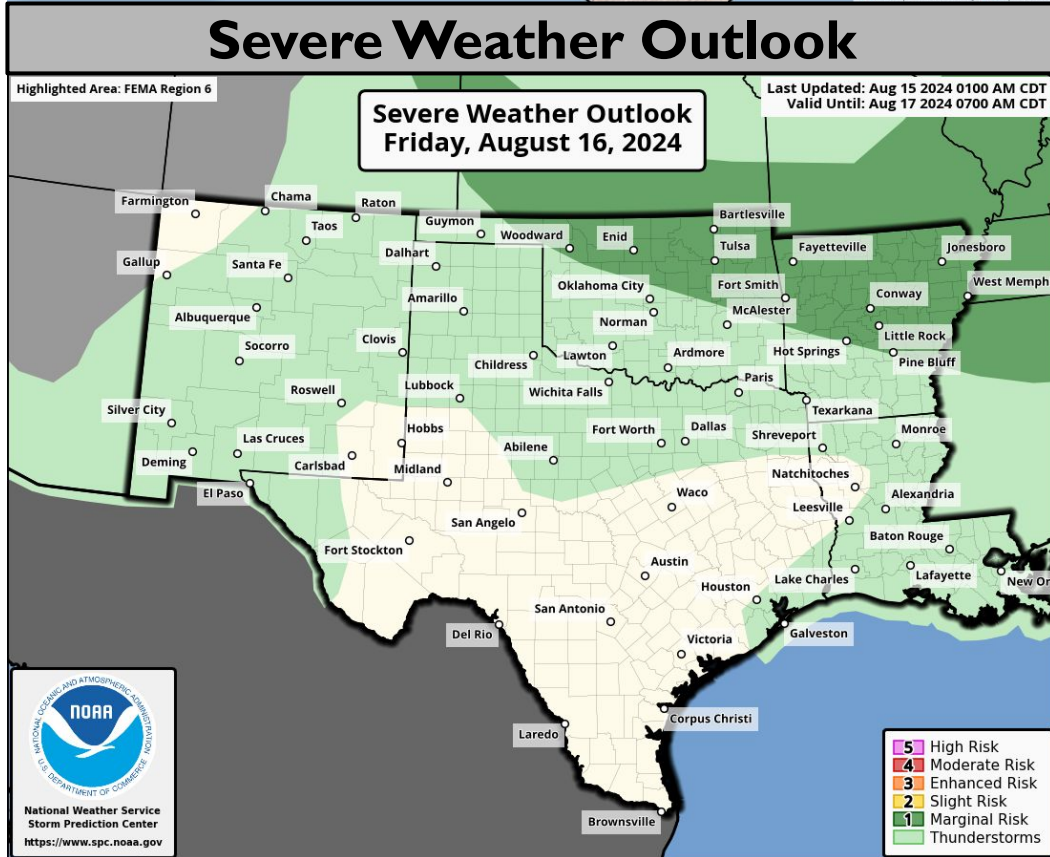
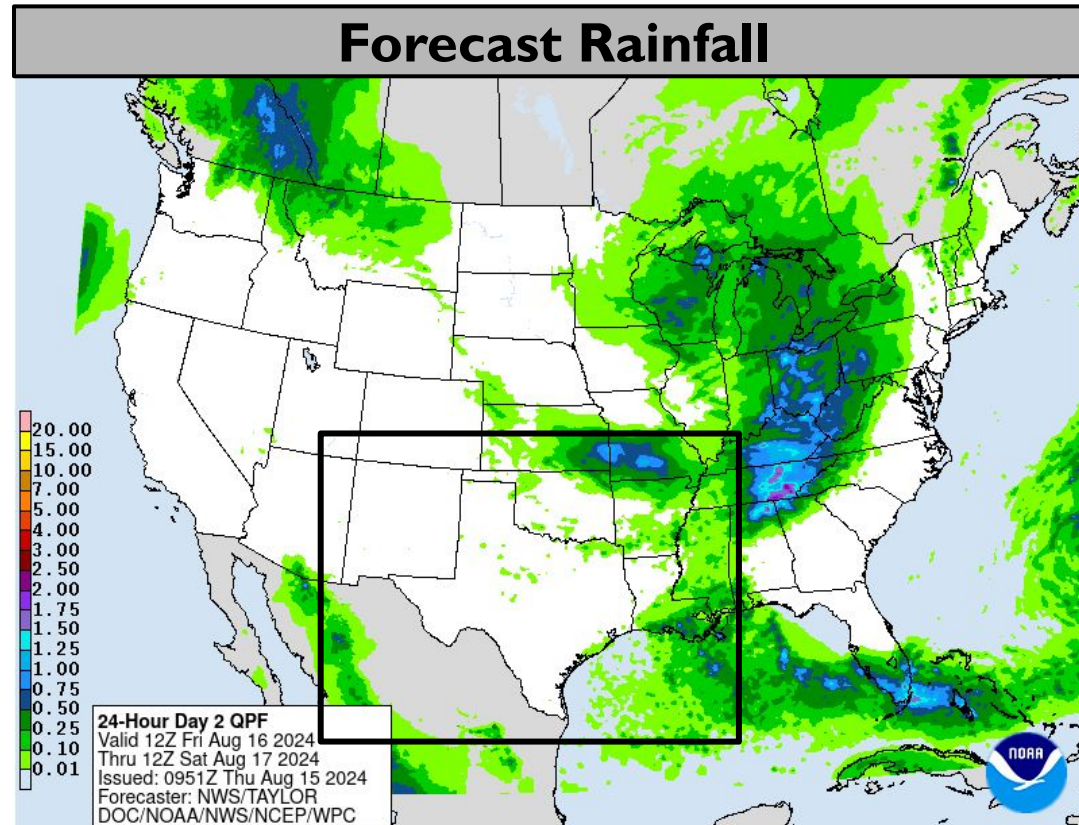
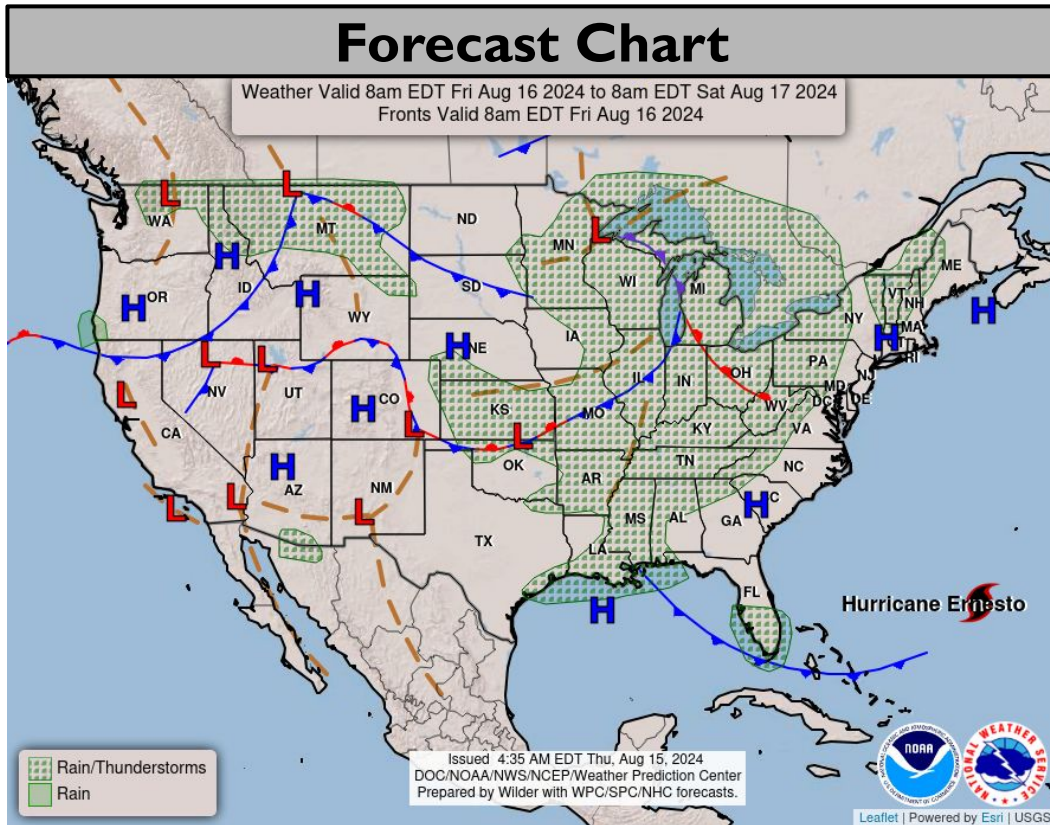
Wind, Severe, Heat, and Flood Hazards

Heat advisories and excessive heat warnings over OK, N/Ctrl/E TX, AR, LA.





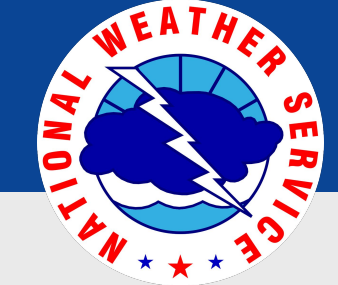
Tomorrow's Weather



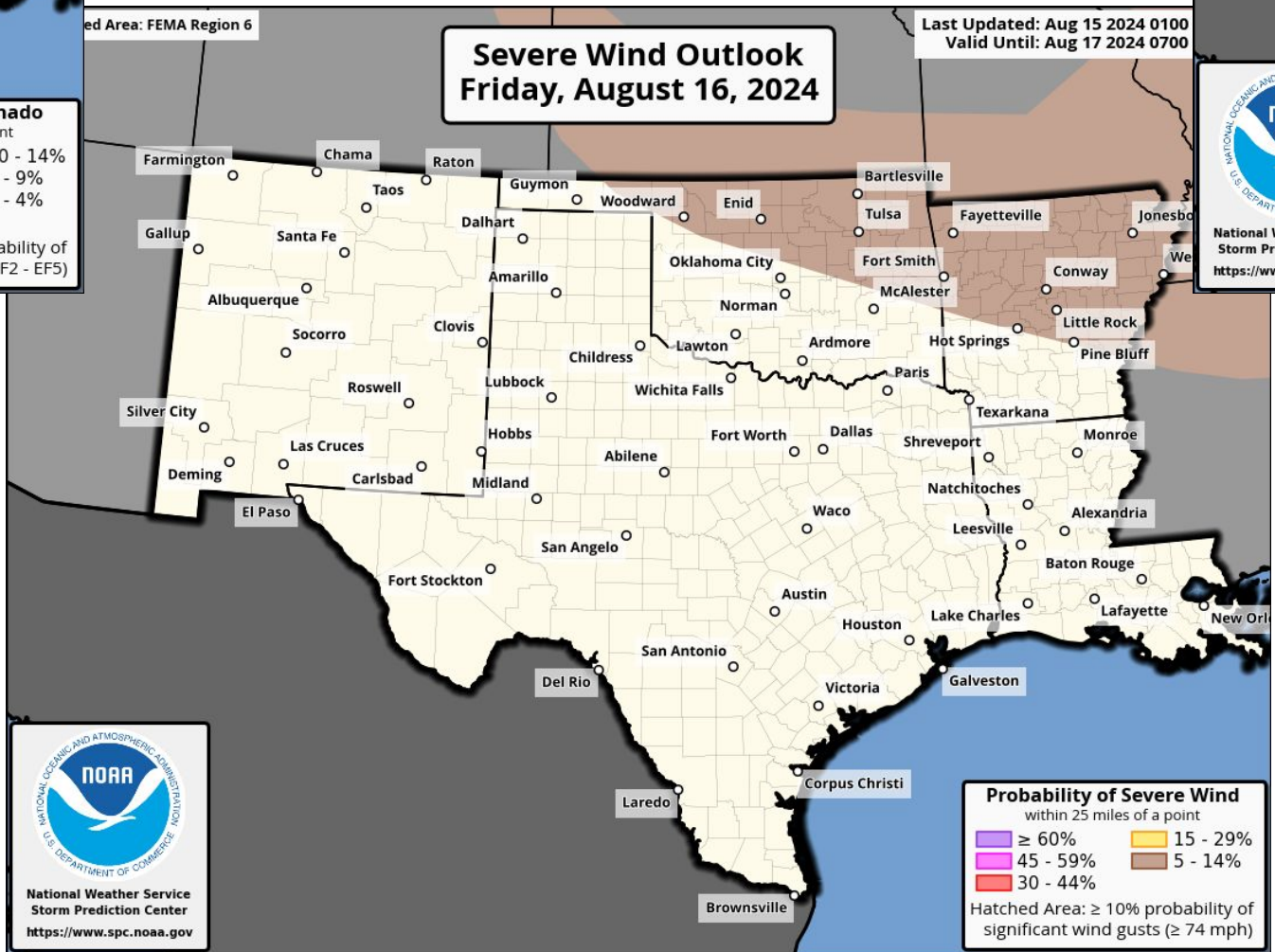
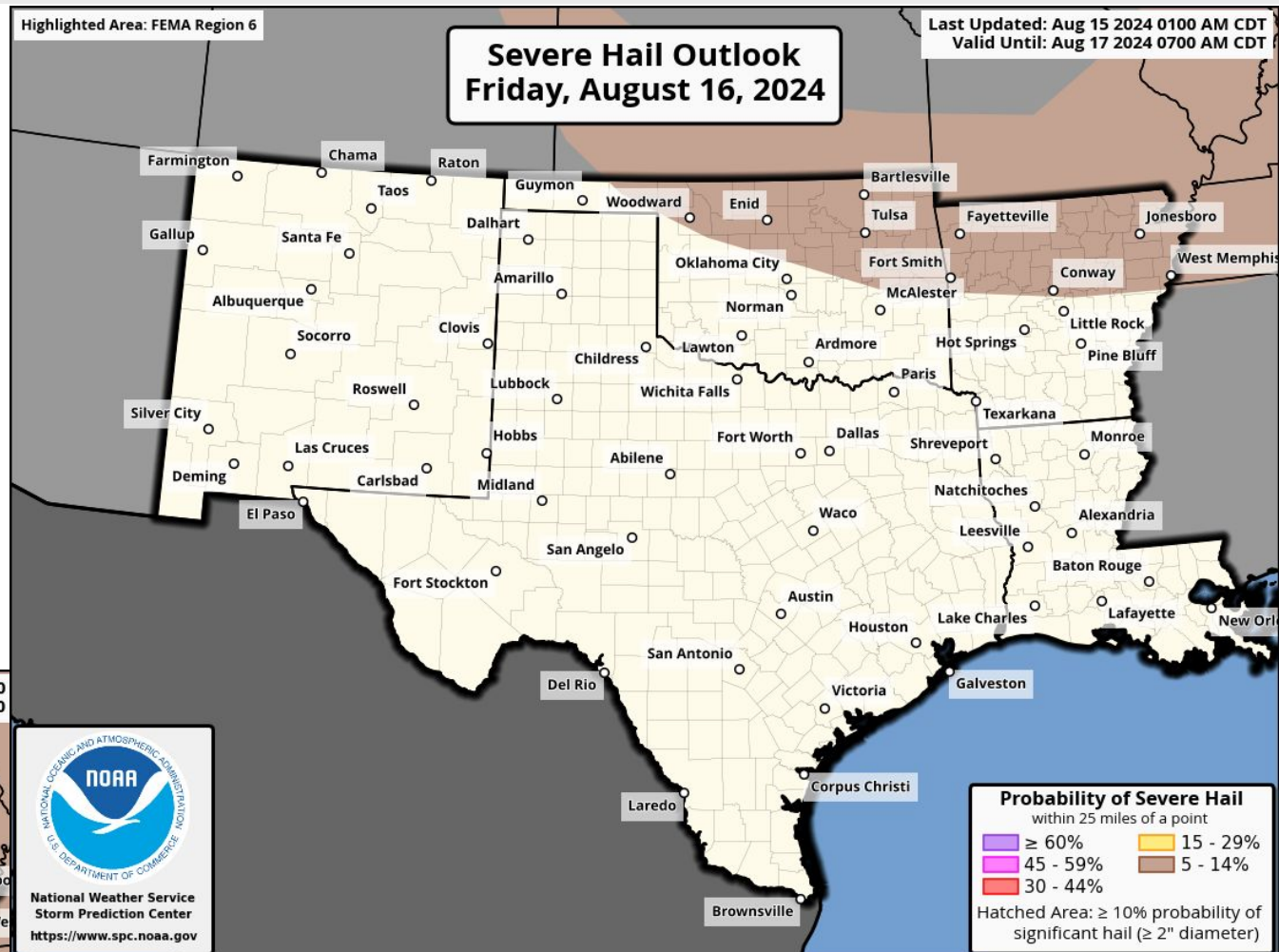
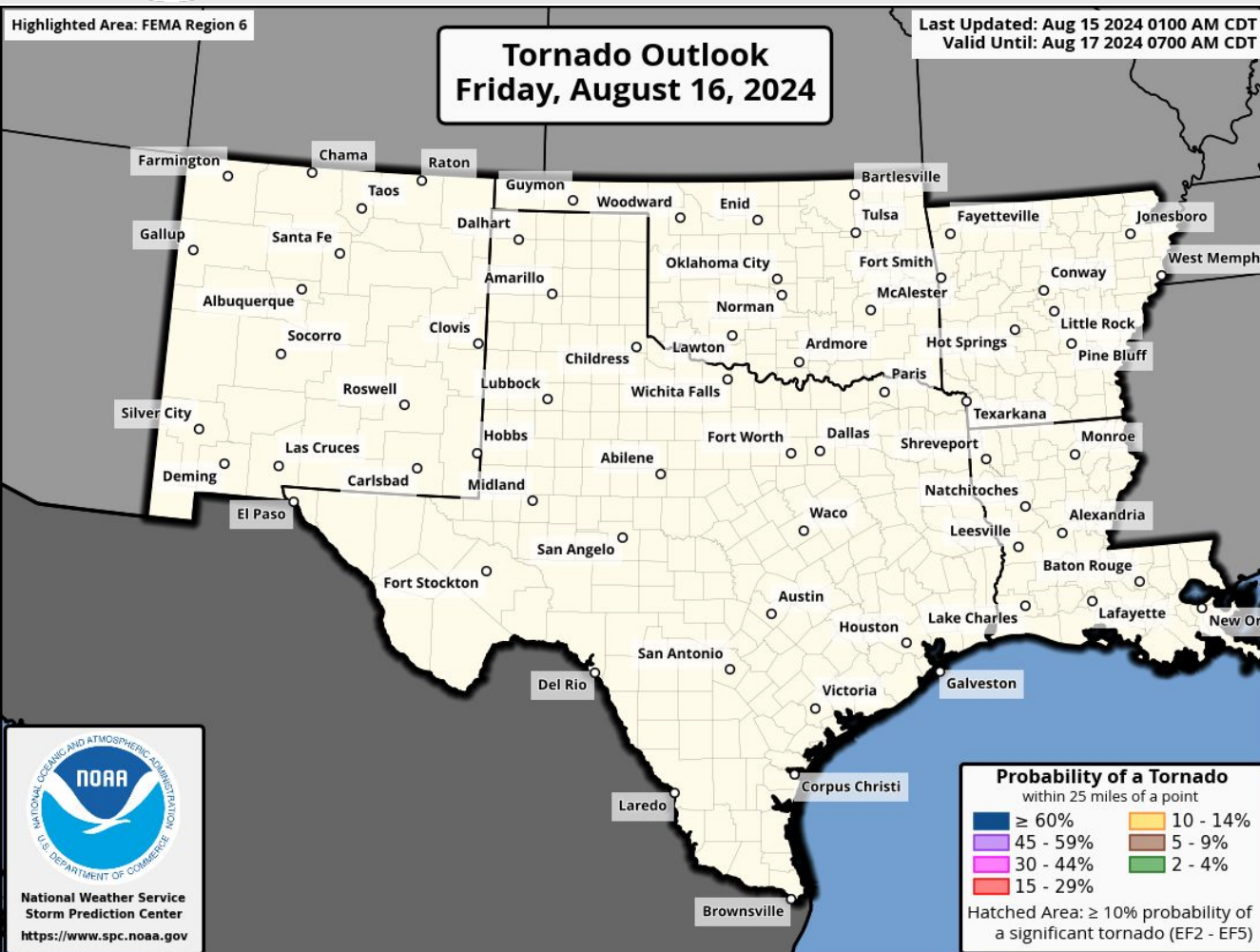
Excessive heat across Most of FEMA 6.

Marginal fire weather conditions over NWTX.

Marginal risk for severe storms across N OK, N/Ctrl AR.

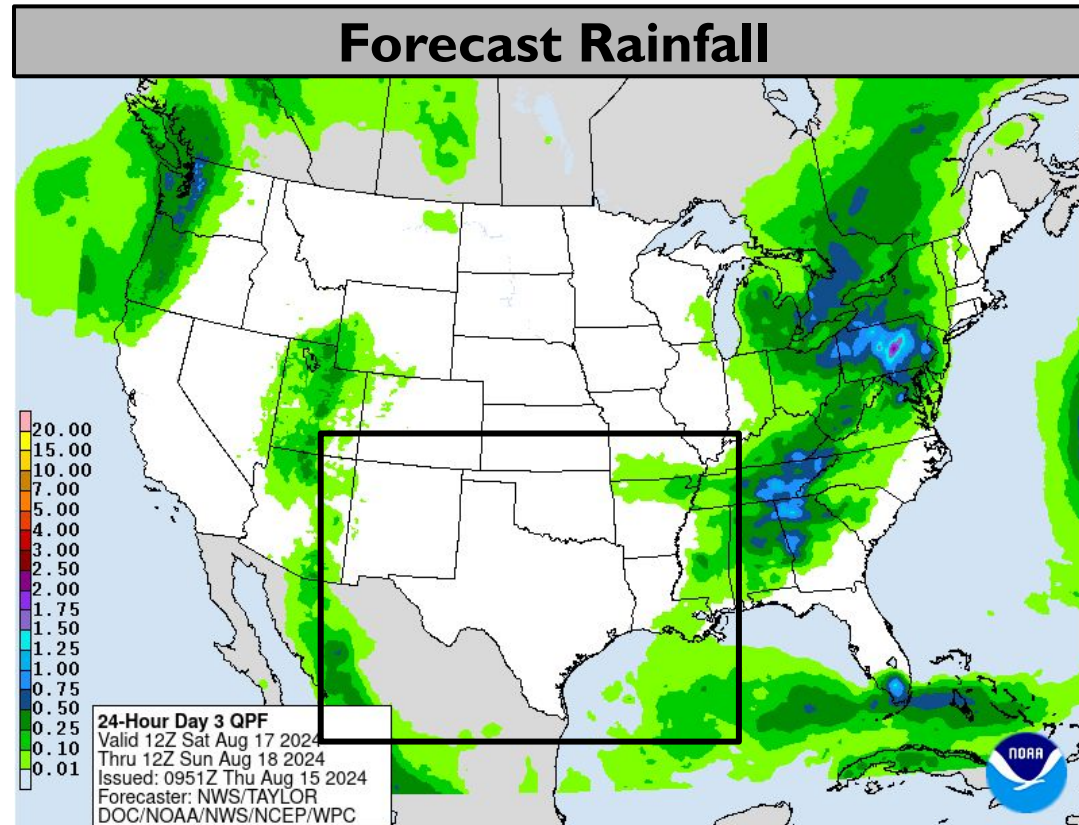
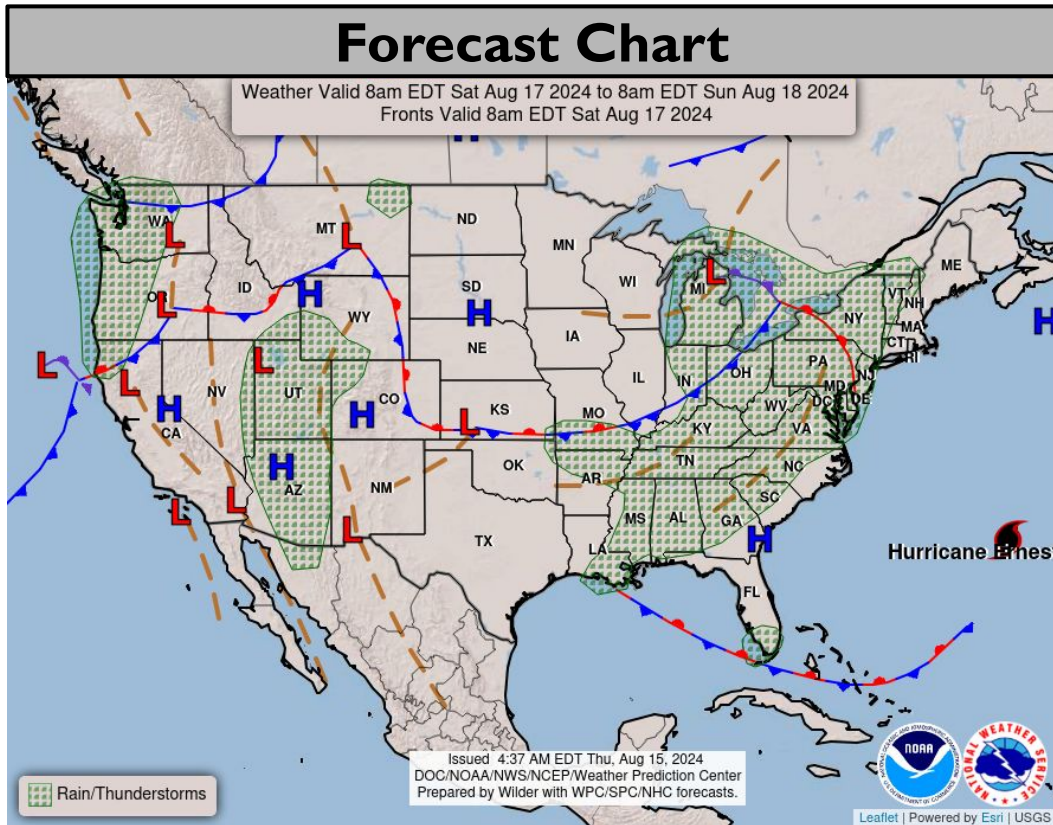


Tomorrow's Tornado & Severe Wind / Hail Probabilities





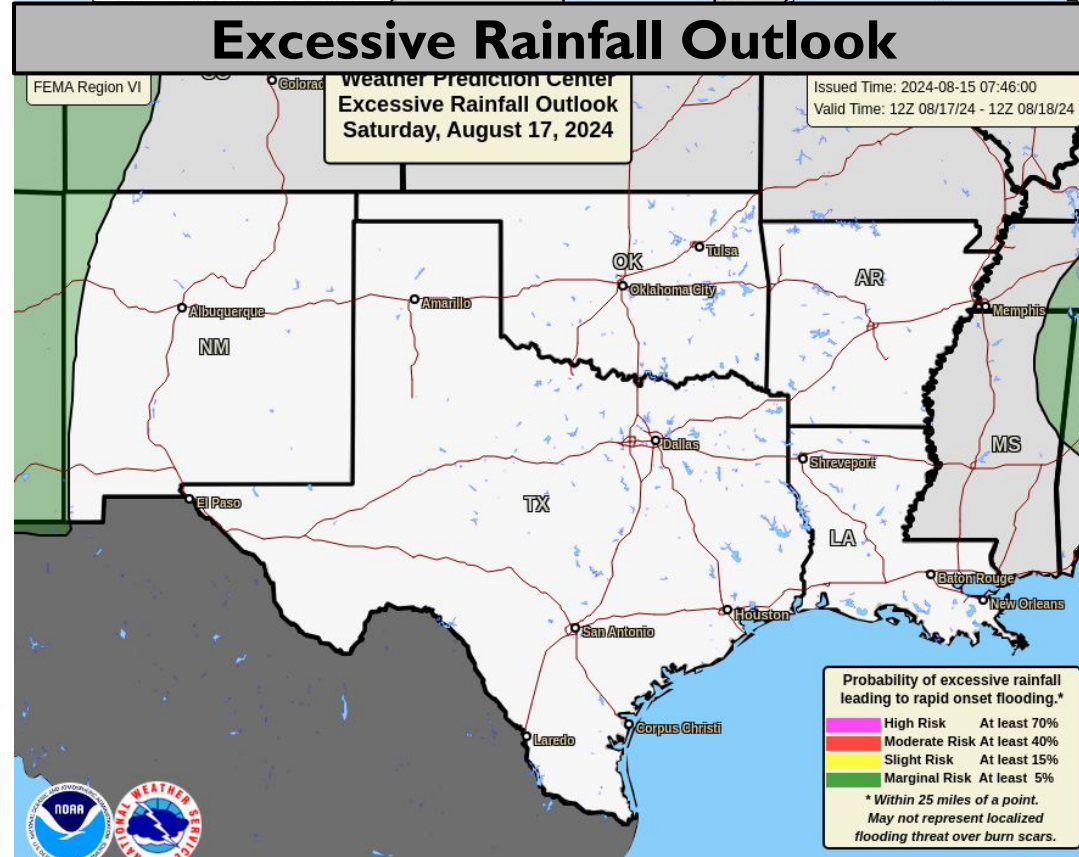
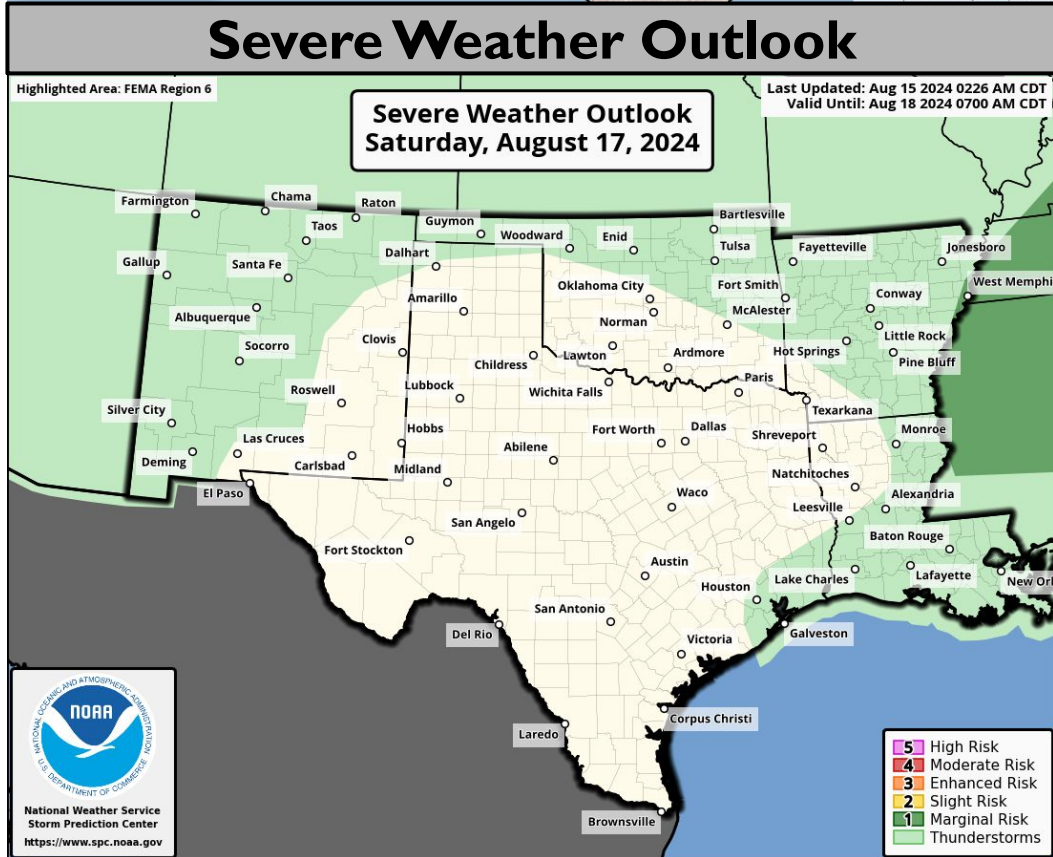
Saturday's Weather

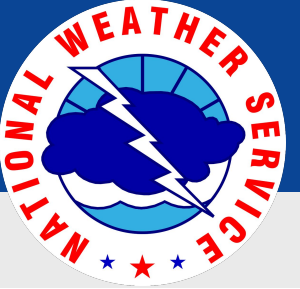


Excessive heat across Most of FEMA 6.

Elevated fire weather conditions over NWTX.

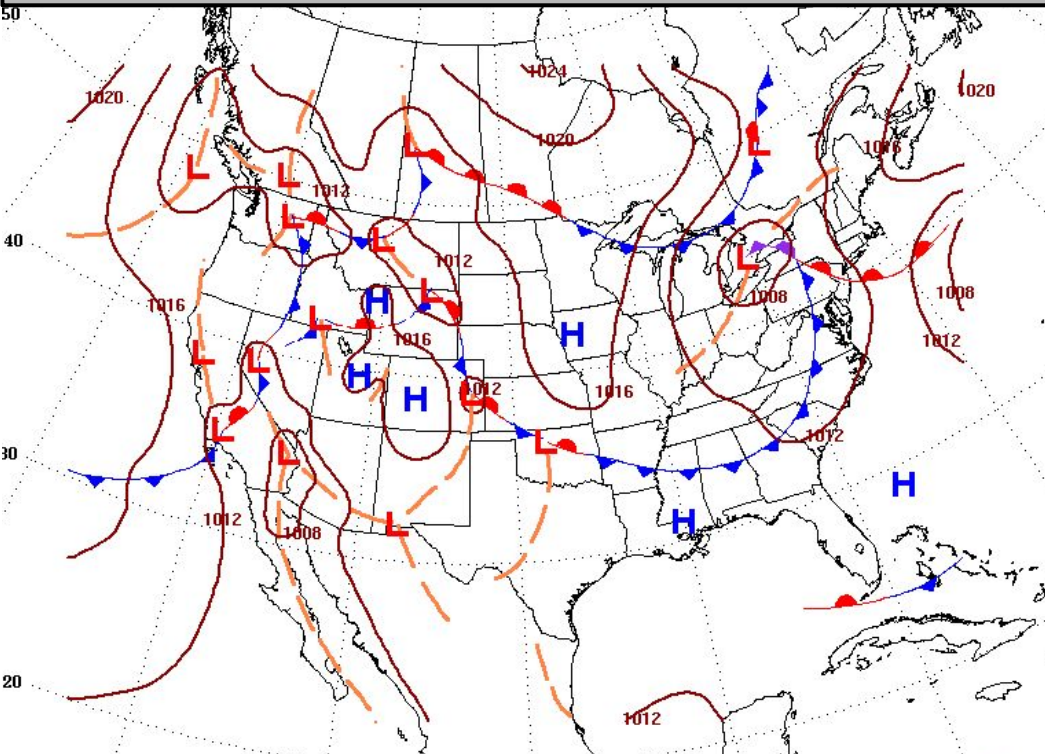
Marginal risk of excessive rainfall/flash flooding for W NM.



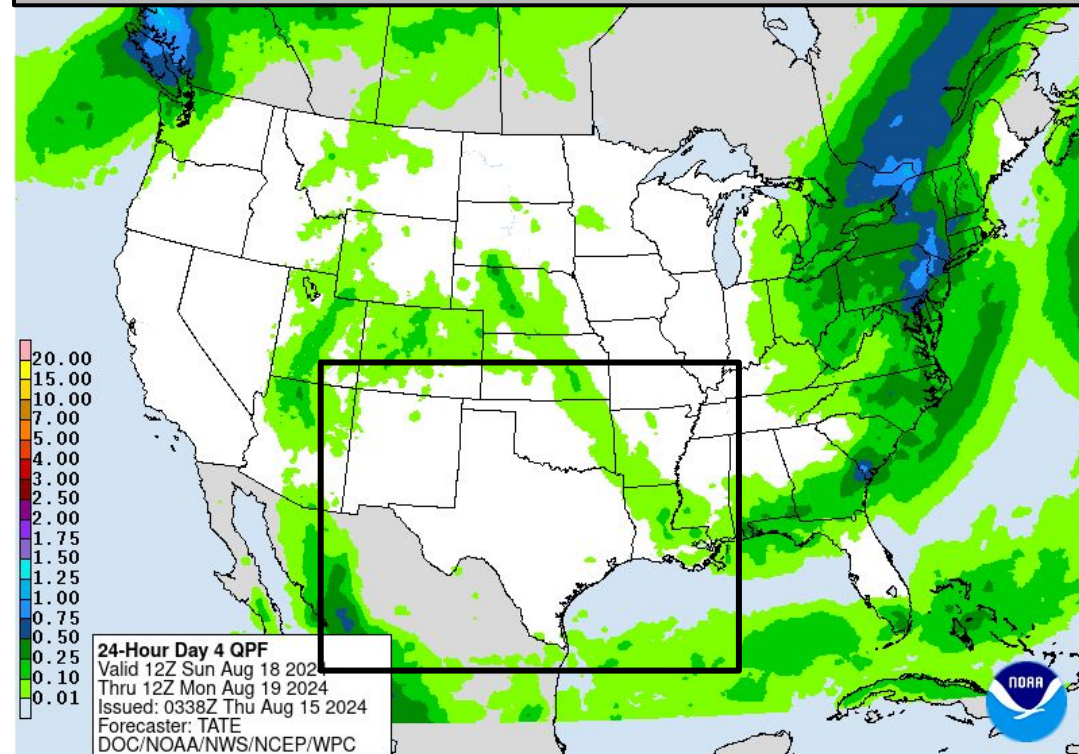


Sunday's Weather

Forecast Chart



Forecast Rainfall

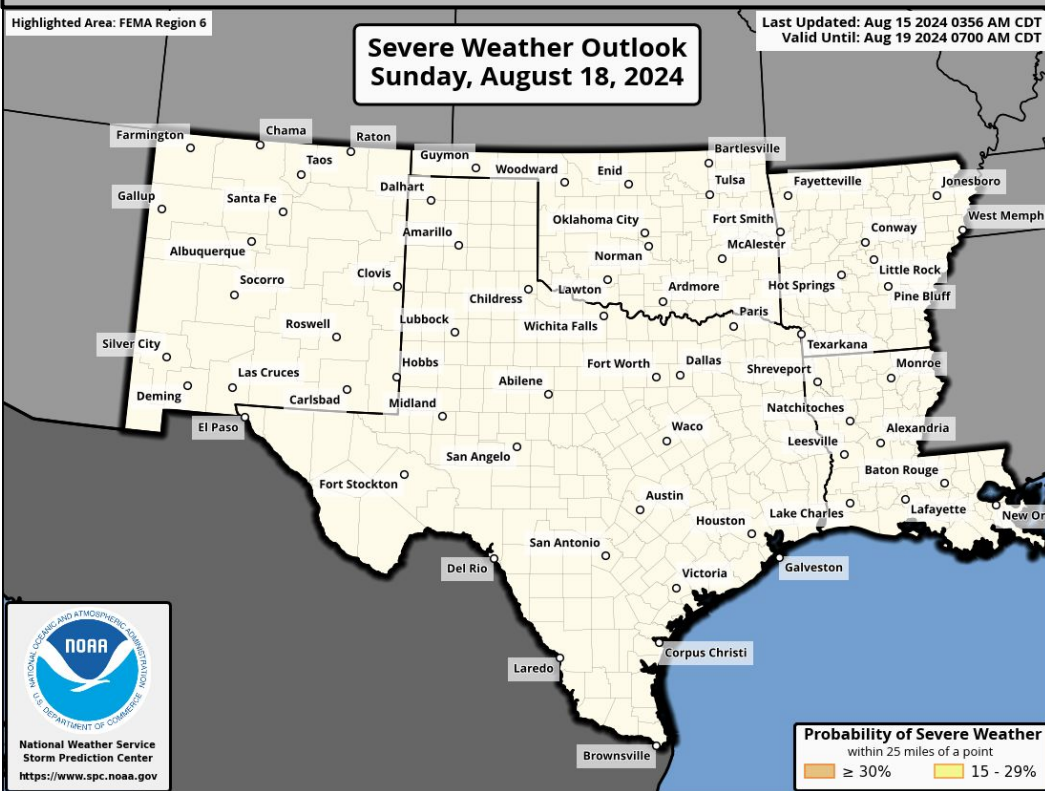


Excessive heat across Most of FEMA 6.

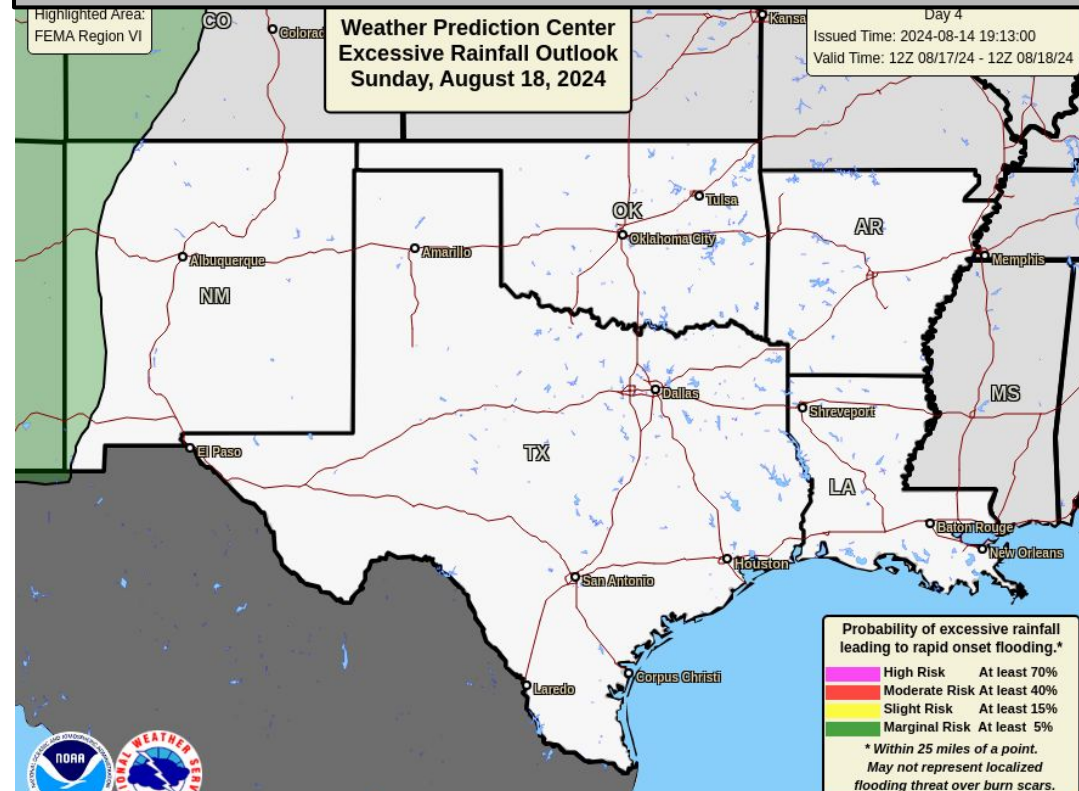
Elevated fire weather conditions over SW OK, NW TX.

Marginal risk of excessive rainfall/flash flooding for NW NM.

Severe Weather Outlook



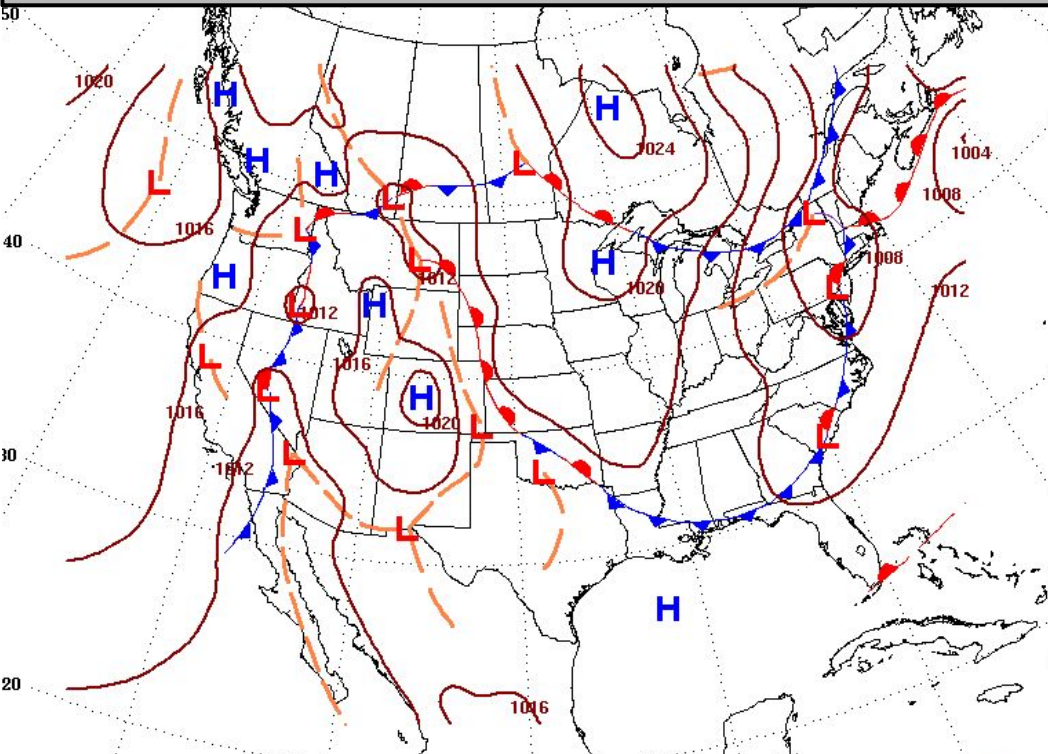
Excessive Rainfall Outlook



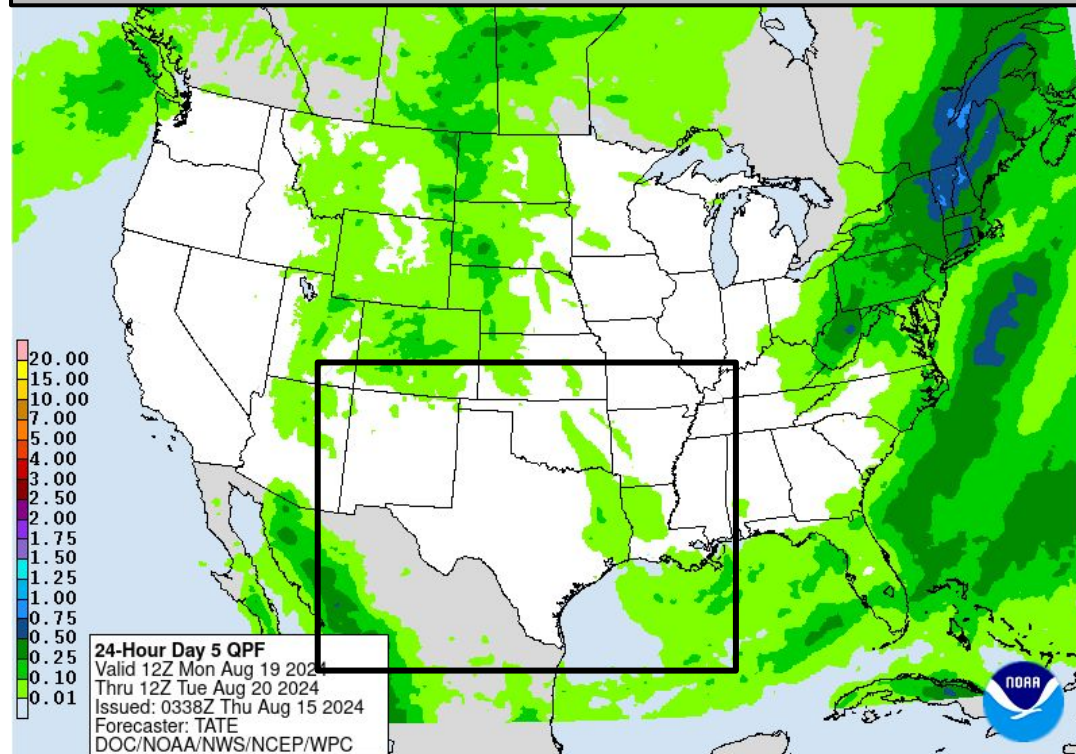


Monday's Weather

Forecast Chart



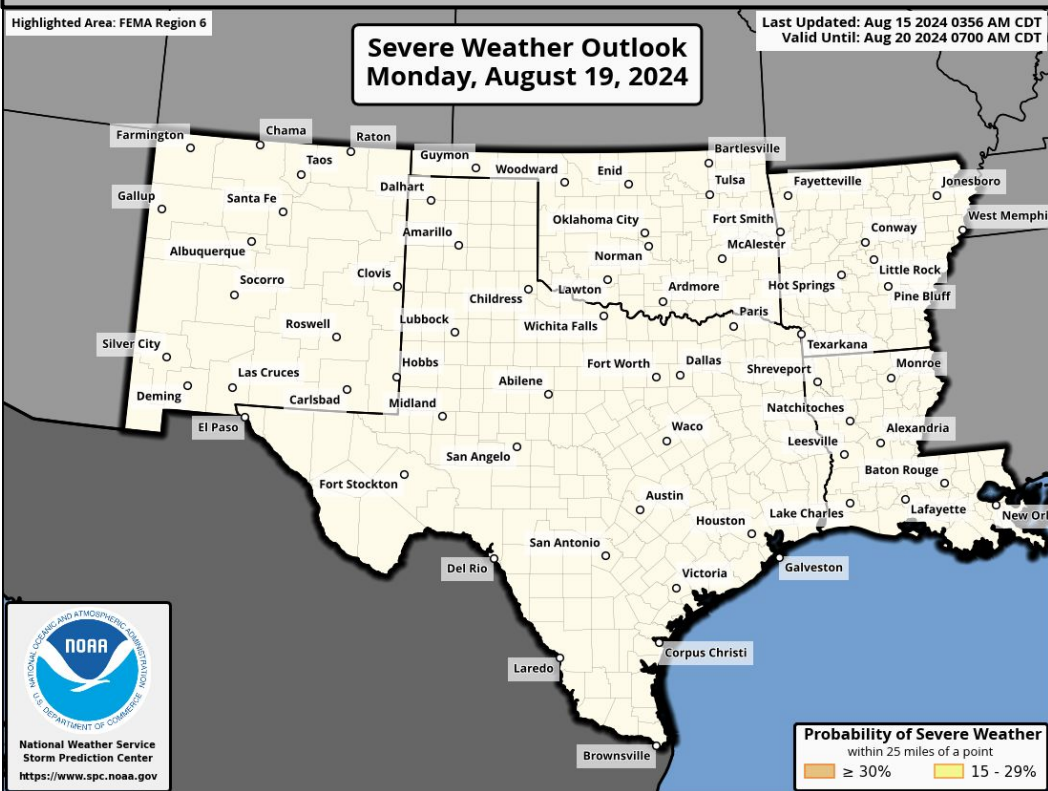
Forecast Rainfall



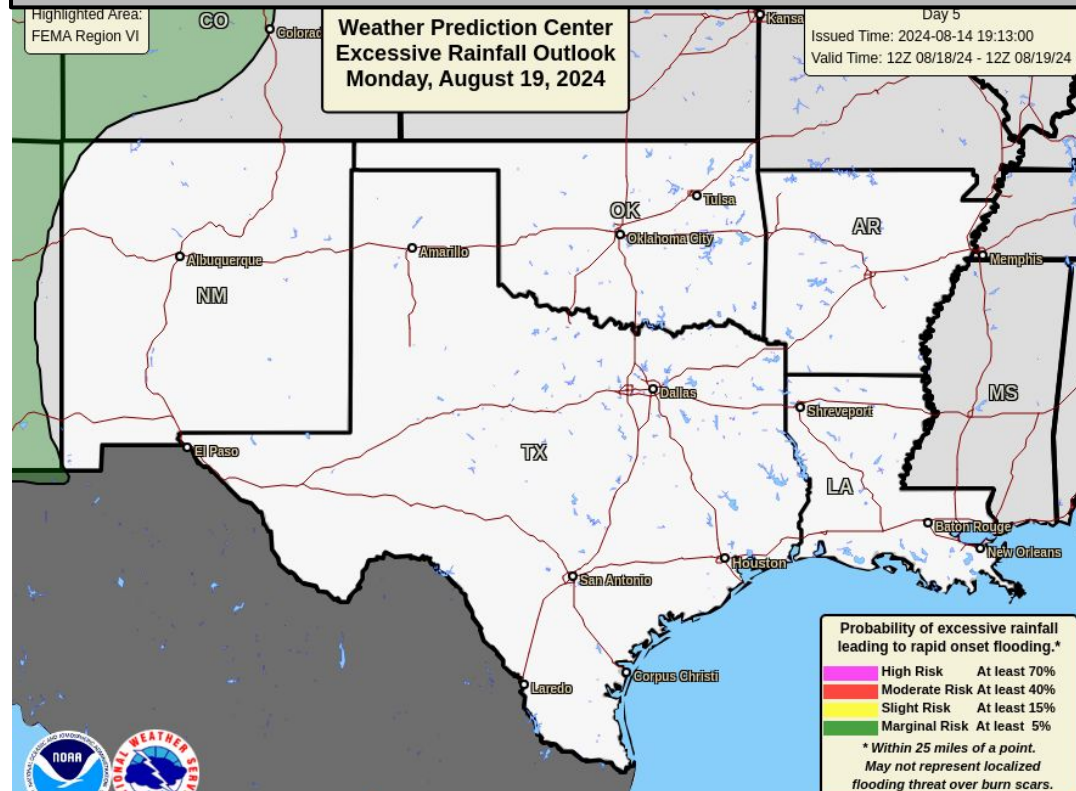
Excessive heat across FEMA 6.

Elevated fire weather conditions over SW OK, NW TX.

Severe Weather Outlook

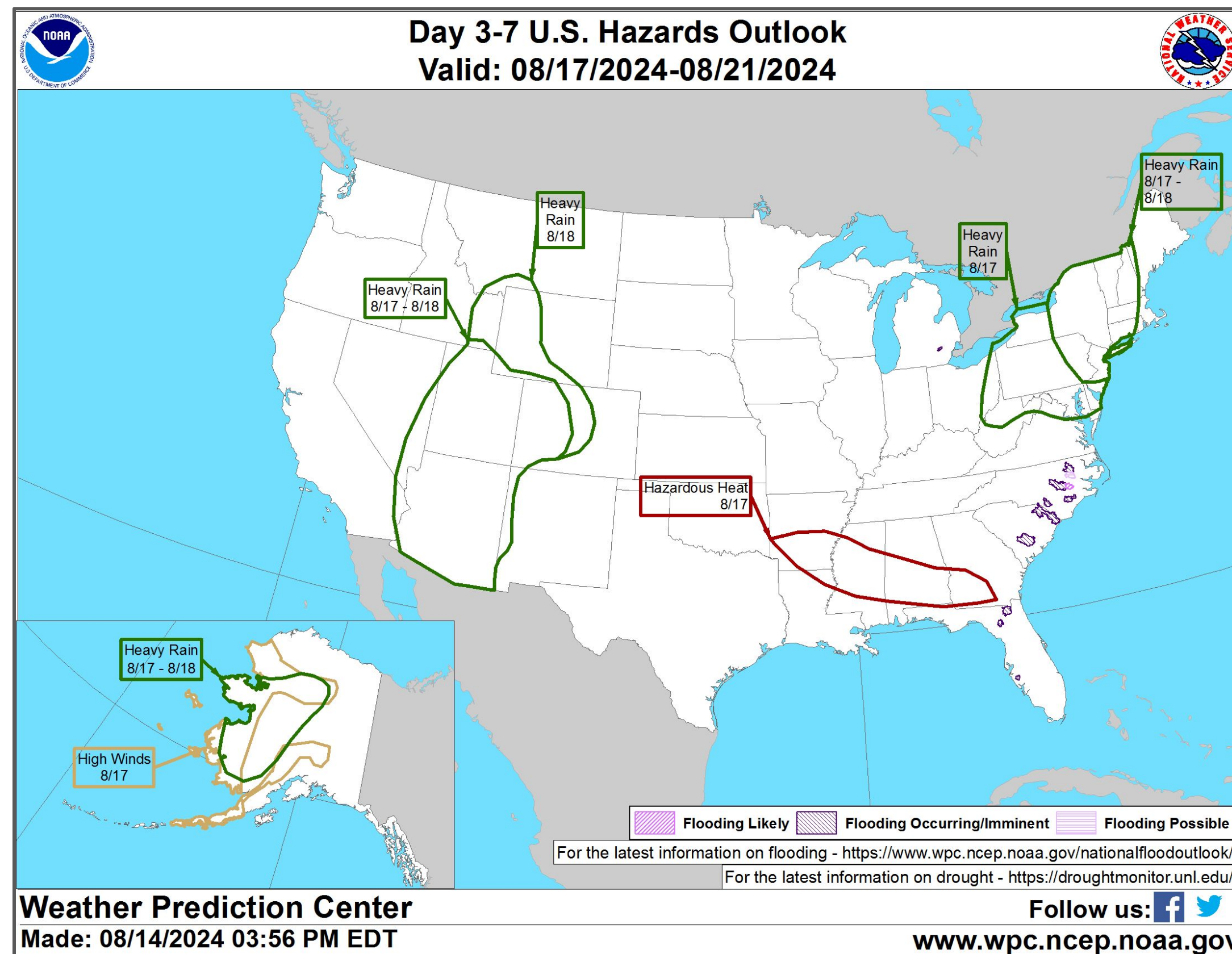


Excessive Rainfall Outlook





“Day 3-7” Hazards Outlook



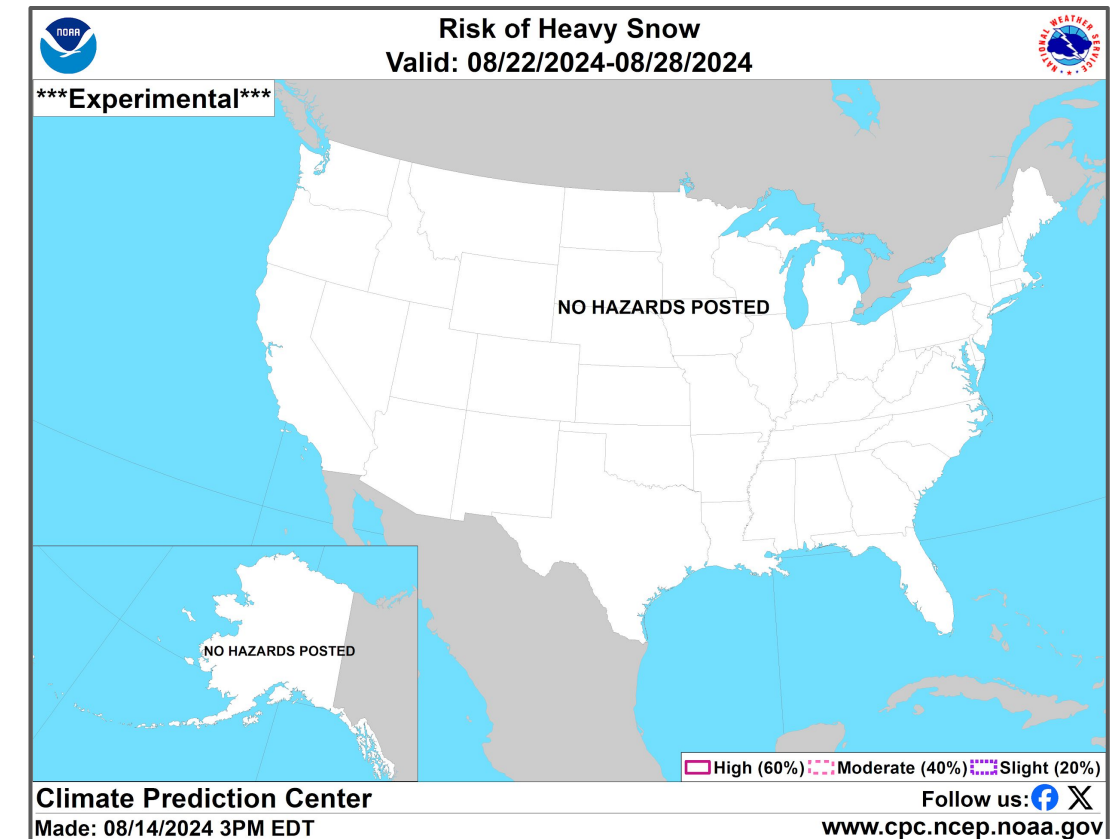
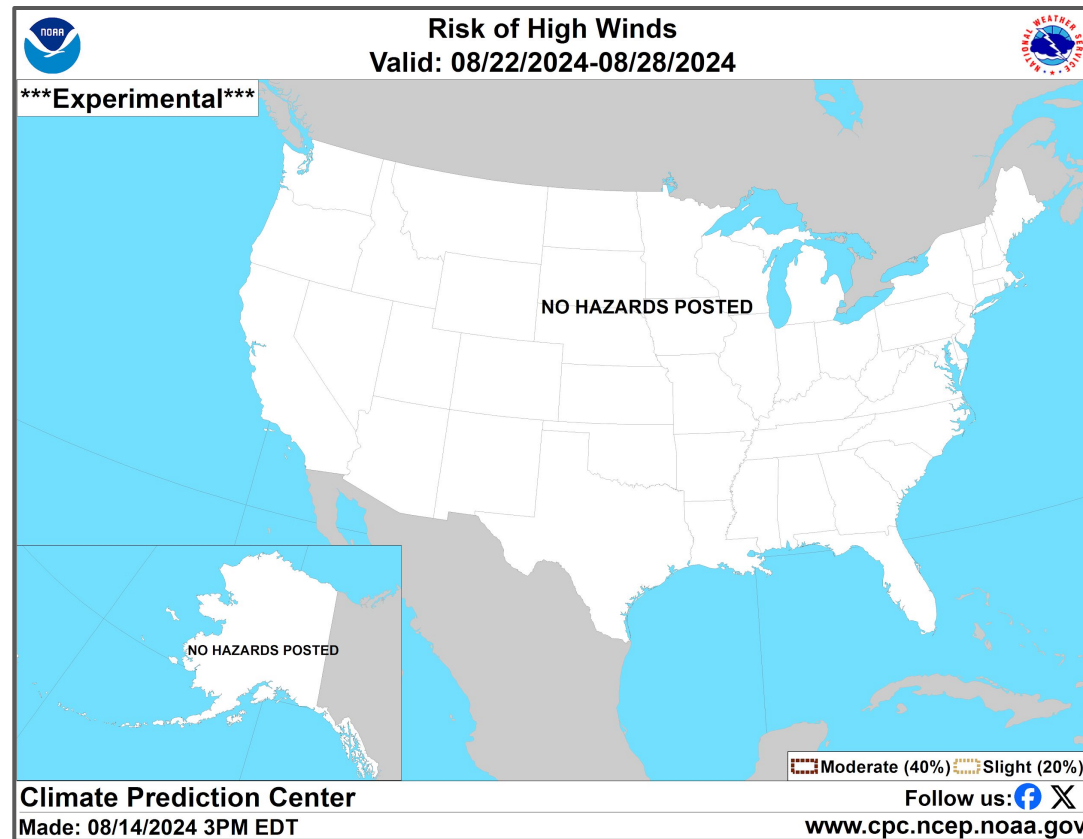
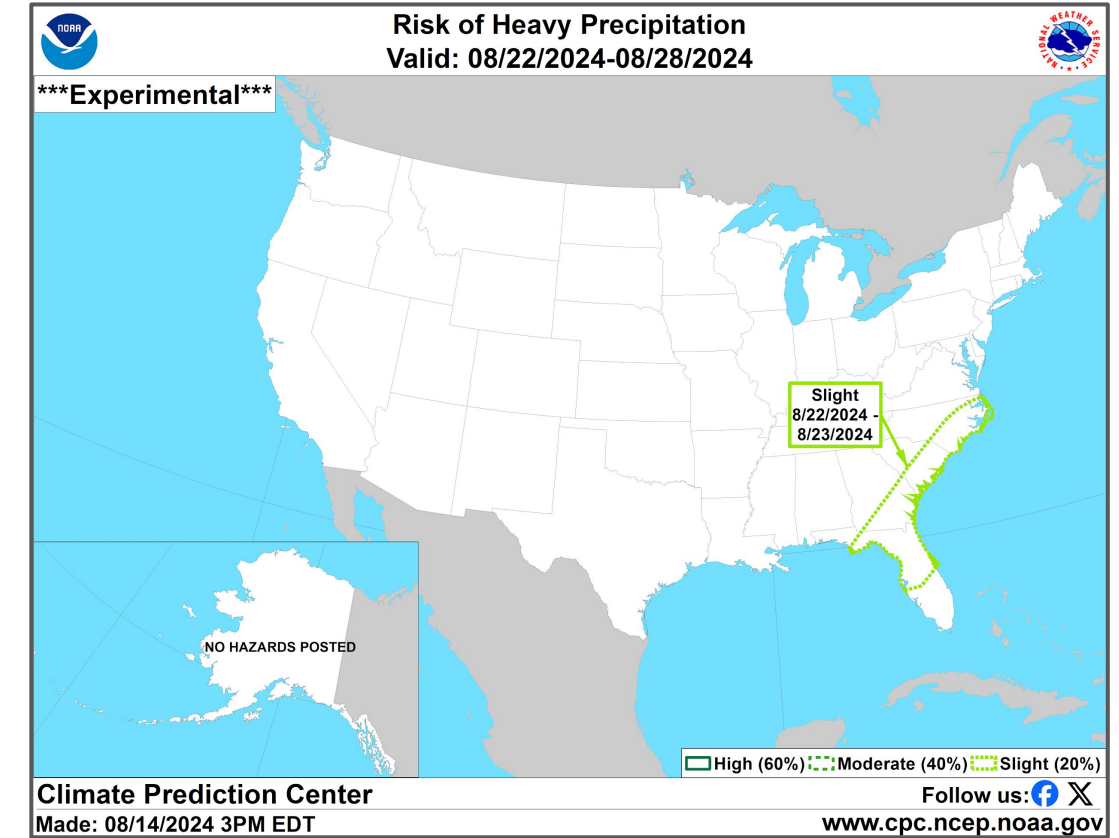
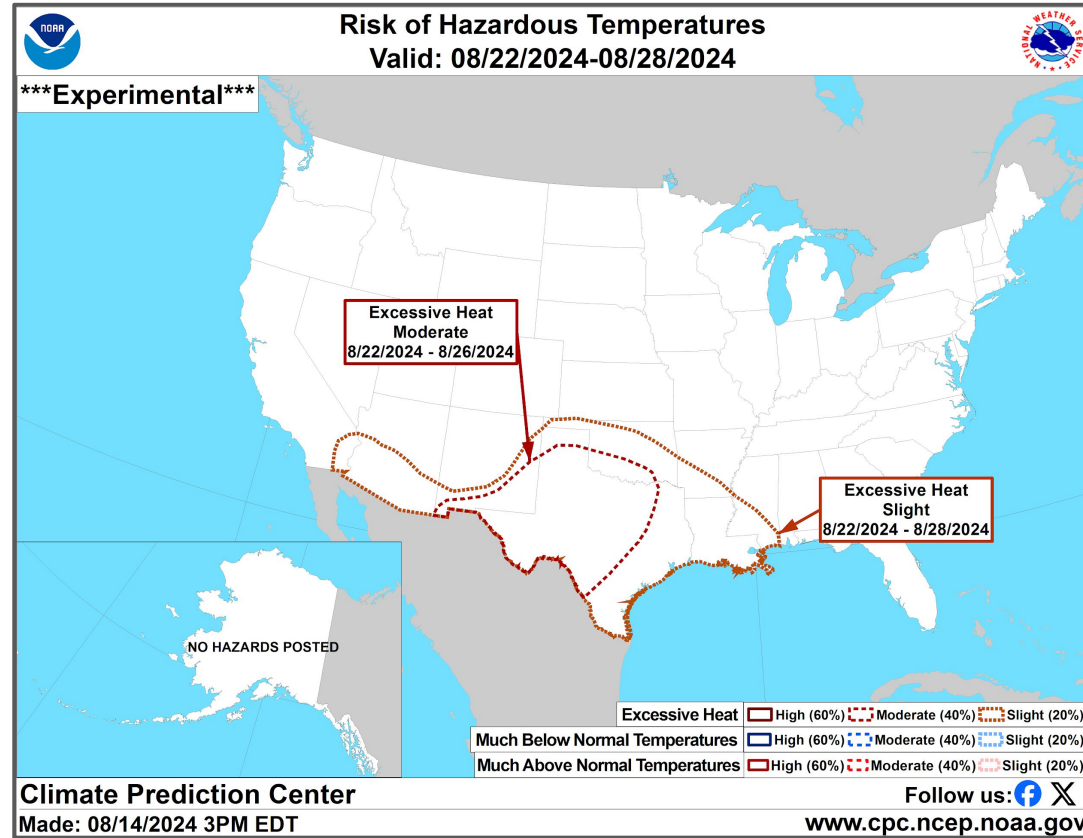
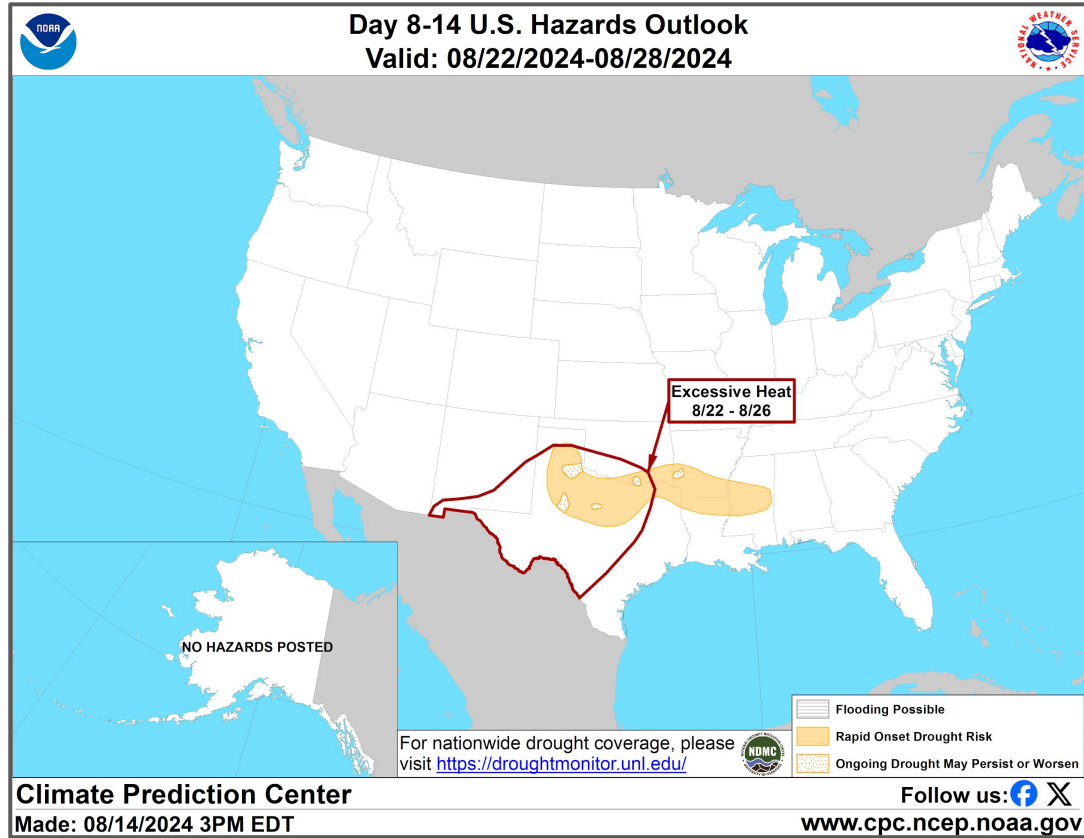
NOTE: These outlooks are issued in the afternoon and only issued on weekdays. Because of that and the fact that these slides are issued in the mornings:

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:

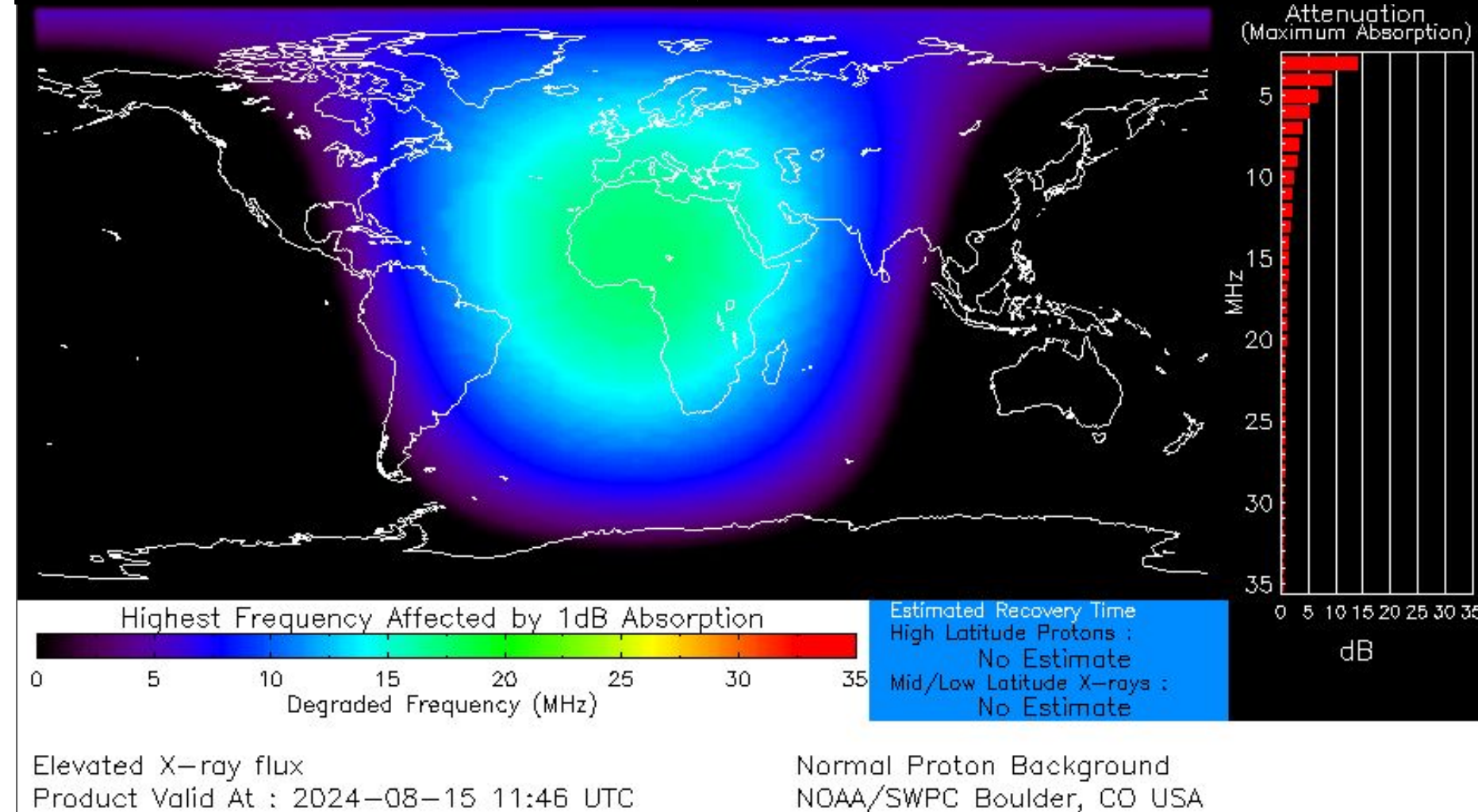
1. The “day 8-14” will really be days 7-13
2. This slide will be hidden on Mondays and Sundays so the data/information is not too old

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



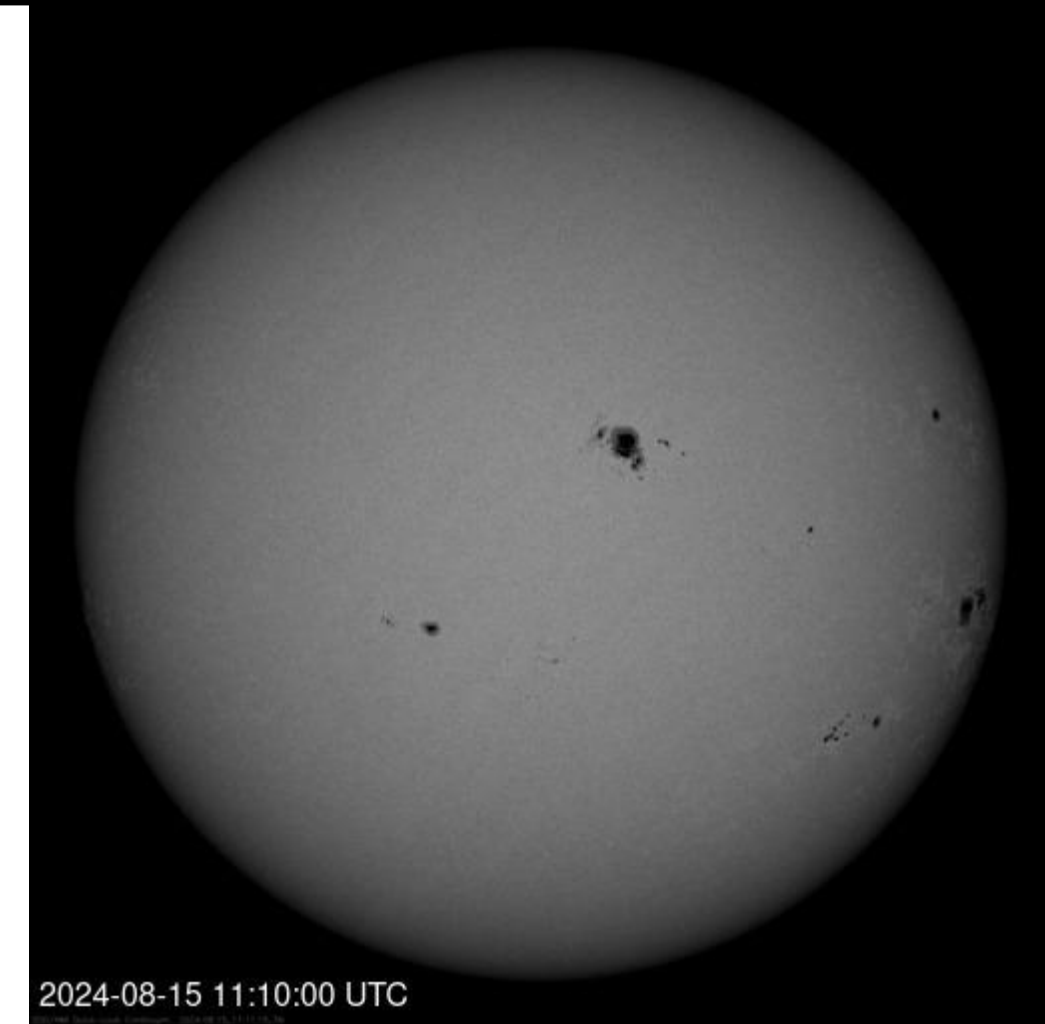
Space Weather 3-Day Forecast

	Thursday, Aug 15	Friday, Aug 16	Saturday, Aug 17
Geomagnetic Storms	Unsettled (Max Kp = 3)	Unsettled (Max Kp = 3)	Unsettled (Max Kp = 3)
Solar Radiation Storm (S1-S5)	15%	15%	10%
Radio Blackout (R1-R2)	75%	75%	75%
Radio Blackout (R3-R5)	25%	25%	25%



[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>	<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"> 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>	<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"> 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>	<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"> 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>	<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"> 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>	<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"> 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



Phone: (682) 703-3747



Facebook: NWSSouthern



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



Twitter: NWSSouthern



Web: www.weather.gov/srh

