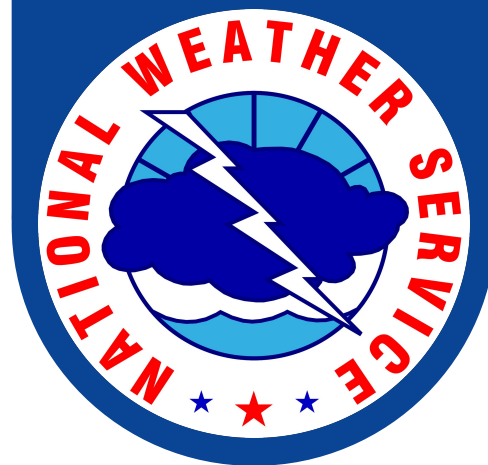




FEMA



Prepared by
Mark Wiley

FEMA Region 6 Weather Threat Briefing

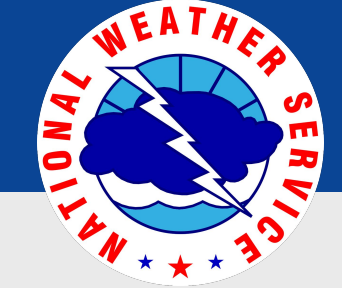
Sunday, August 11, 2024

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.



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

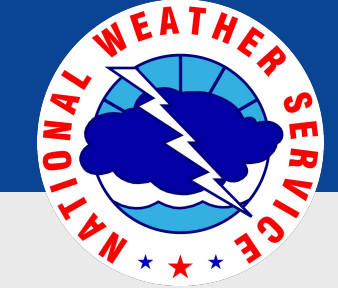
National Weather Service
Southern Region



Summary of the Upcoming Week

- **Flash flood threat continues near burn scar areas across NM into next week.**
- **Excessive heat across areas of TX and LA into next week.**
- **Marginal fire weather threat across NW TX Sunday into next week.**
- **High chance (90%) of a new area for tropical development in the western Atlantic over the next 7 days. Impacts not expected for FEMA 6.**





FEMA Region 6 Threat Matrix

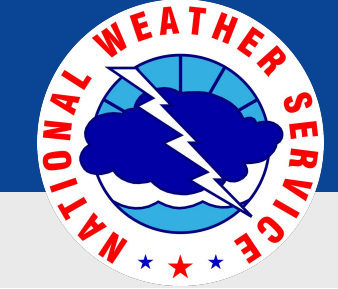
Next 5 Days

| | Sunday, Aug 11 | Monday, Aug 12 | Tuesday, Aug 13 | Wednesday, Aug 14 | Thursday, Aug 15 |
|-----------------------------|--------------------|----------------|-----------------|-------------------|------------------|
| Severe Storms | | | | | |
| Heavy Rain / Flash Flooding | NE OK, NW AR, N NM | NM | NM | NM | NM |
| Fire Weather | NW TX | NW TX | NW TX | NW TX | NW TX |
| Wind | | | | | |
| Heat | SETX, S LA | S/ETX, S LA | TX, LA | TX, LA | TX, 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 |
|-------------|----------------|-------|----------|-------|---------|



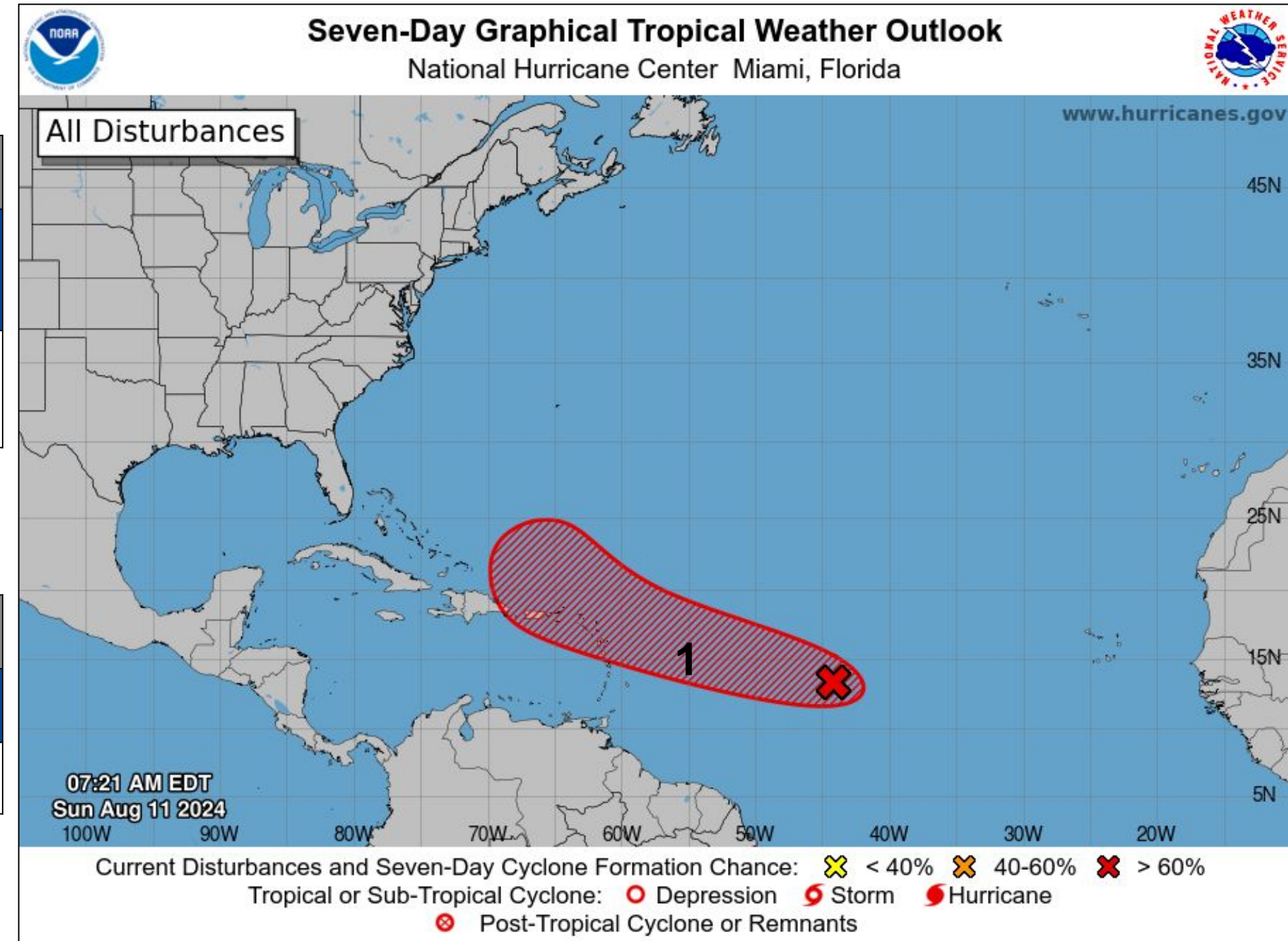
Tropical Weather Outlook – Atlantic/Gulf

Areas of Possible Development

| Area | Chance of Development | Potential Impacts to FEMA 6 |
|------|-----------------------|--|
| 1 | High | Monitor, though latest guidance shows the system staying out in the Atlantic |

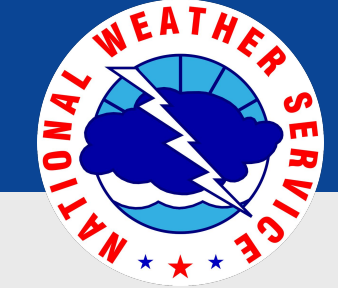
Active Tropical Cyclones

| Storm | Potential Impacts to FEMA 6 |
|-------|-----------------------------|
| | |



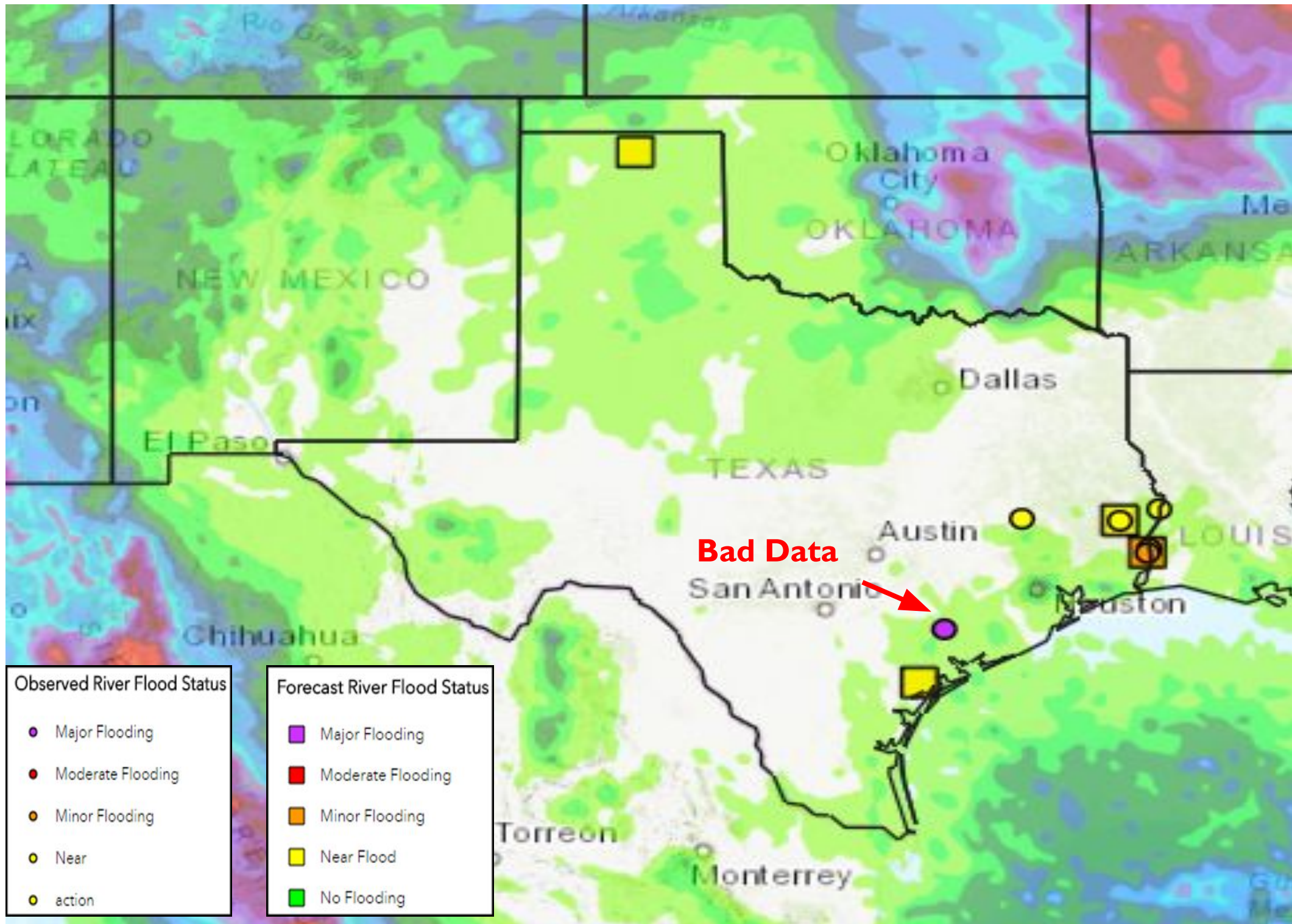
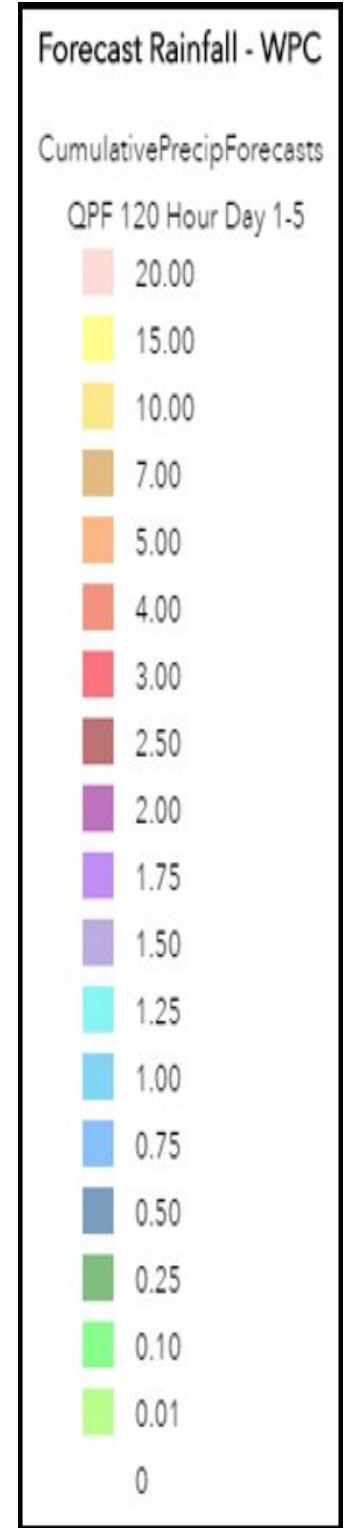
See <http://www.hurricanes.gov> for the latest on the tropics or any active storms



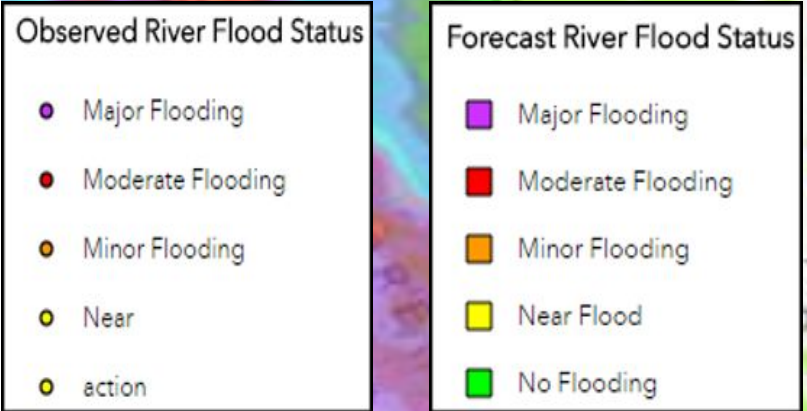


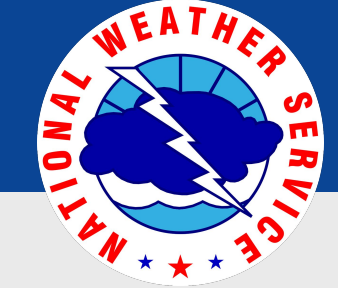
5-Day Precipitation Forecast & River Flood Status

Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall

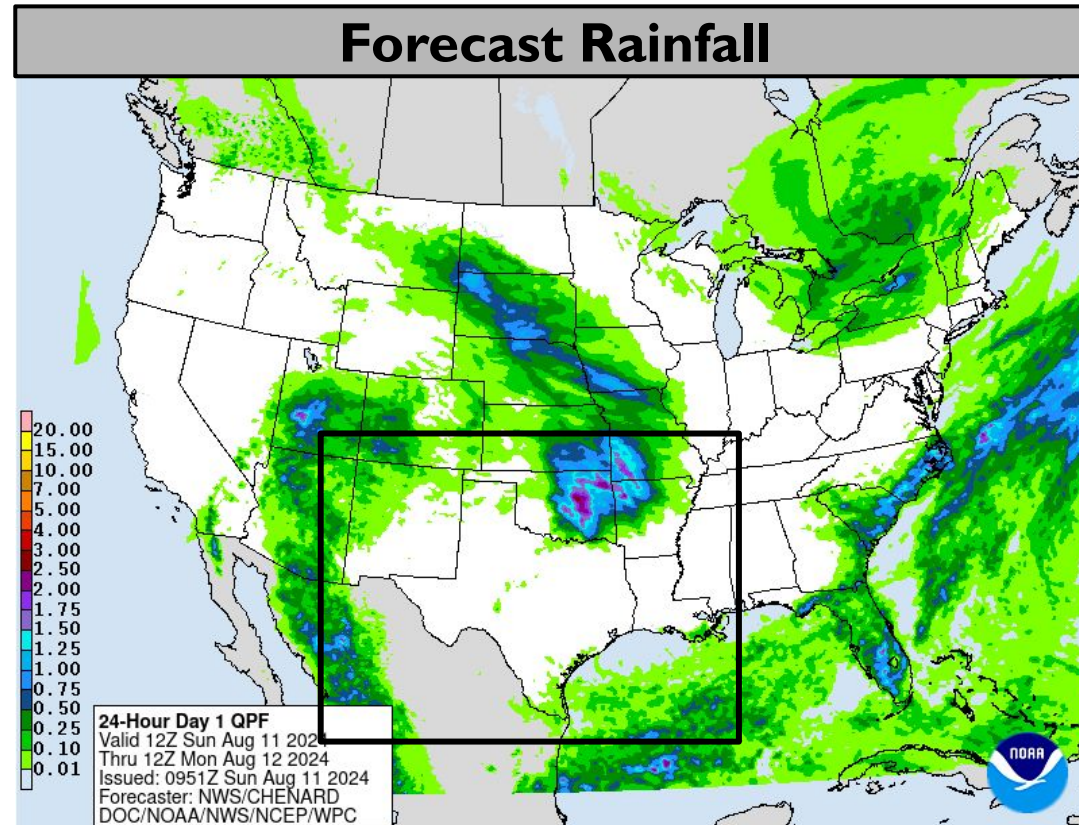
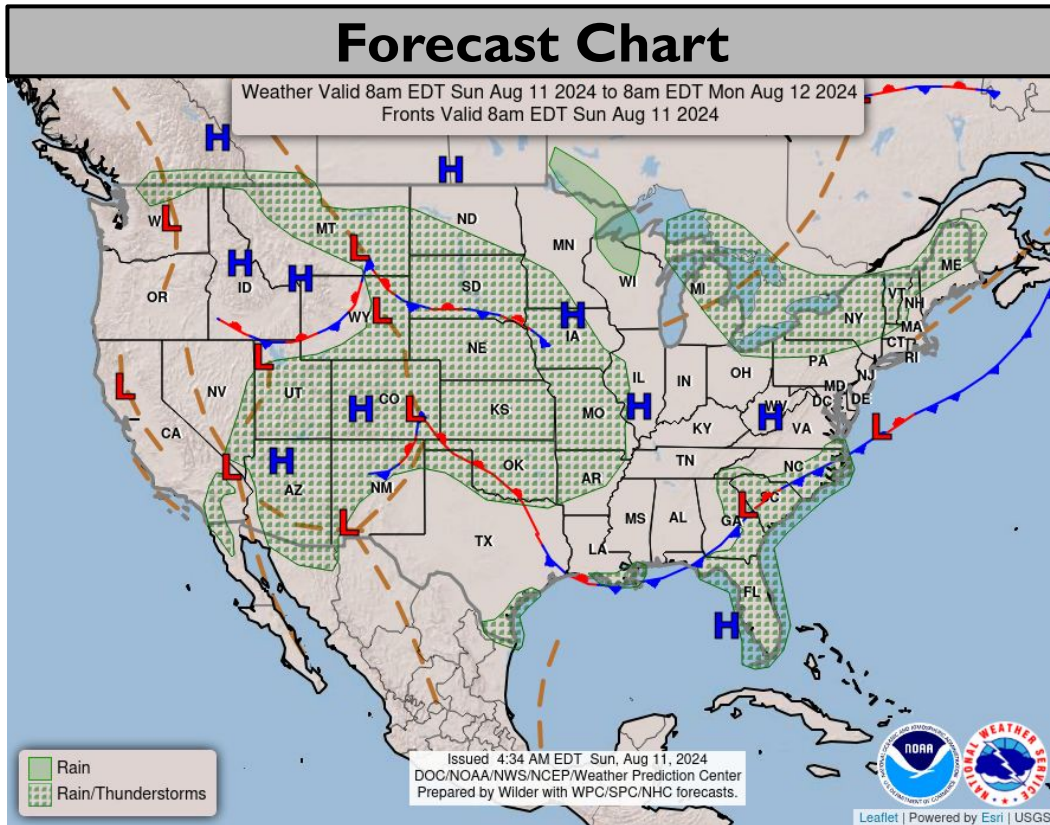


Minor river flooding for Sabine River at Deweyville. No significant impacts.





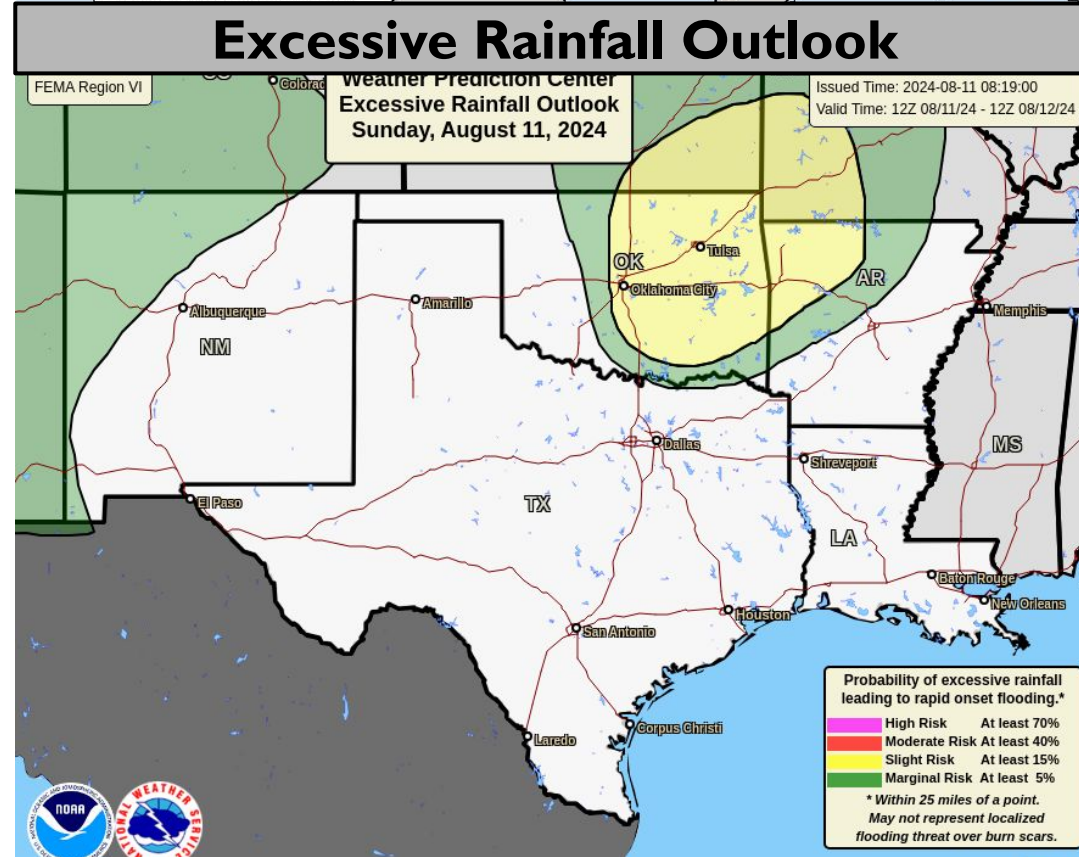
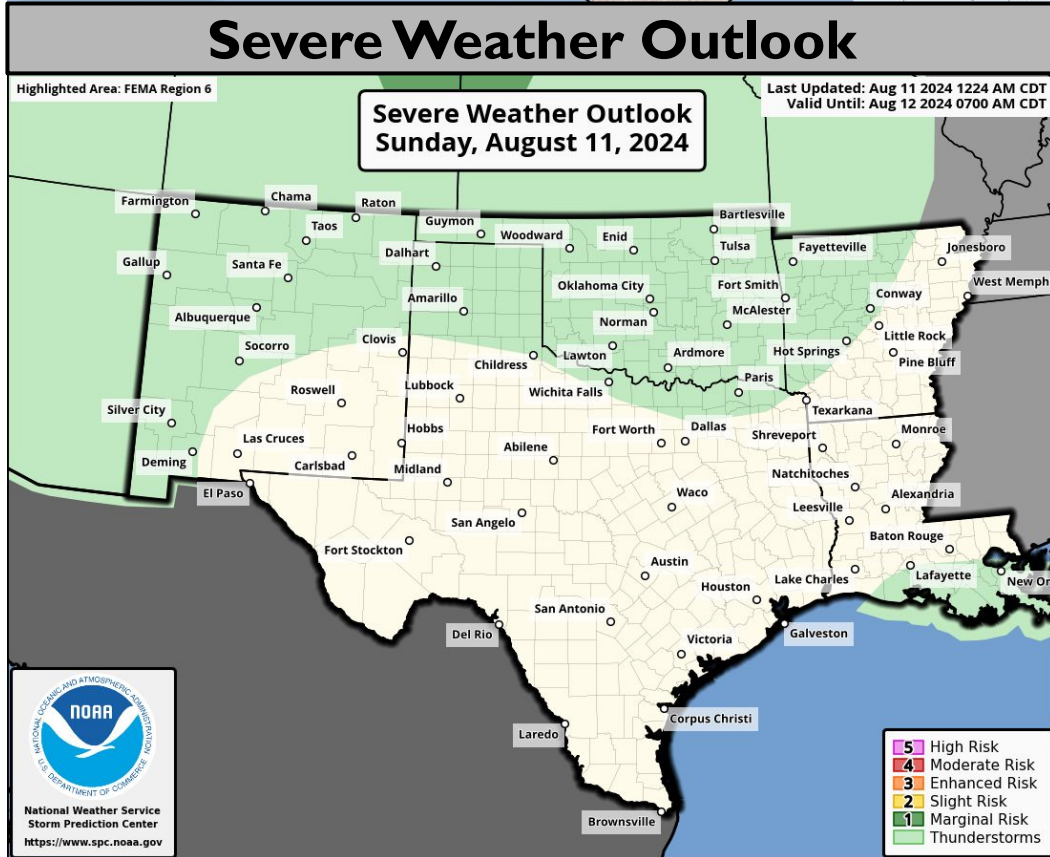
Today's Weather

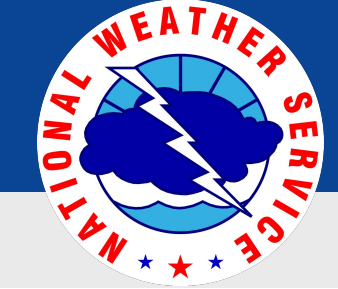


Flash flooding across burn scar areas in N NM.

Excessive heat across SE TX, S LA.

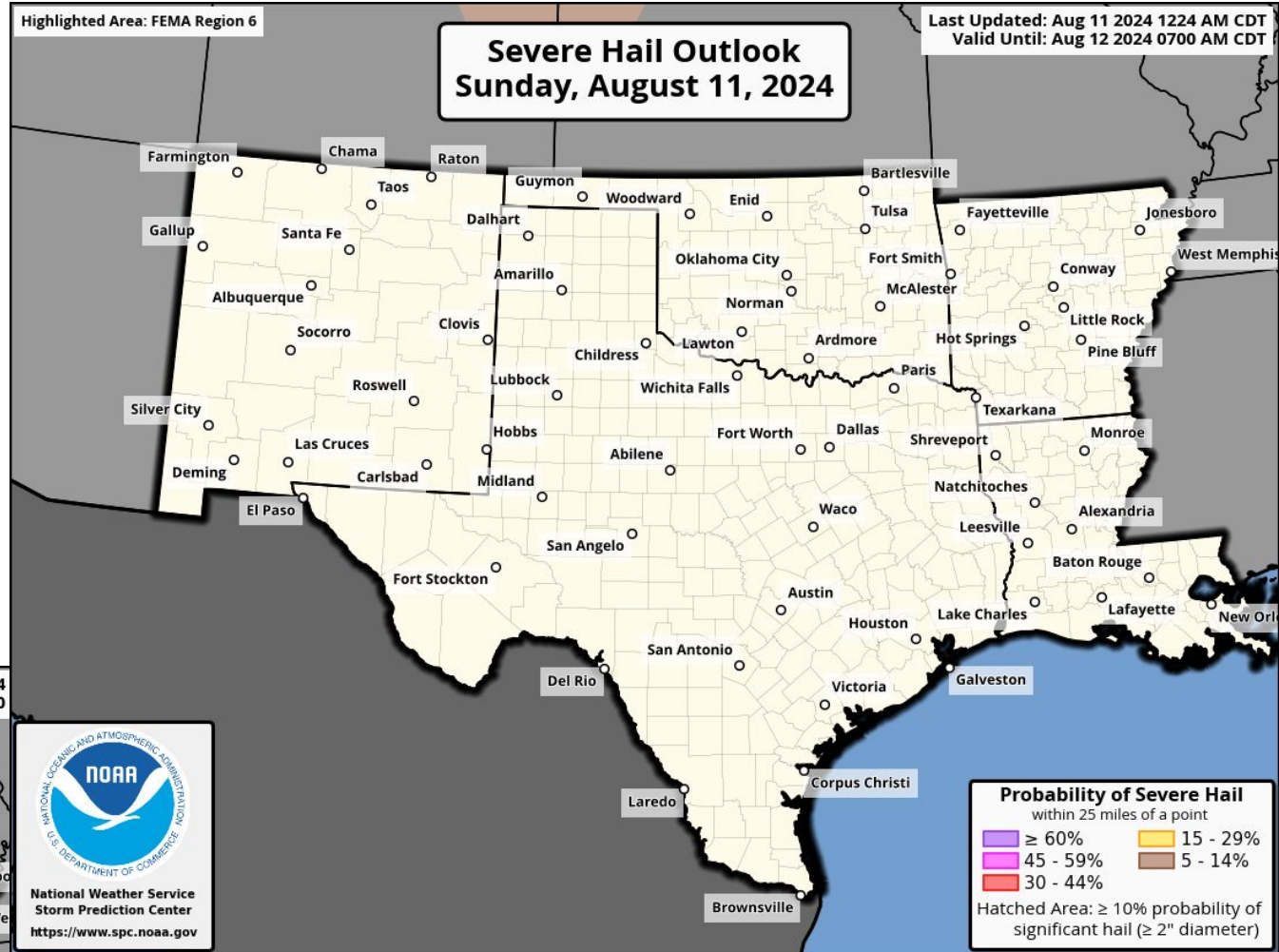
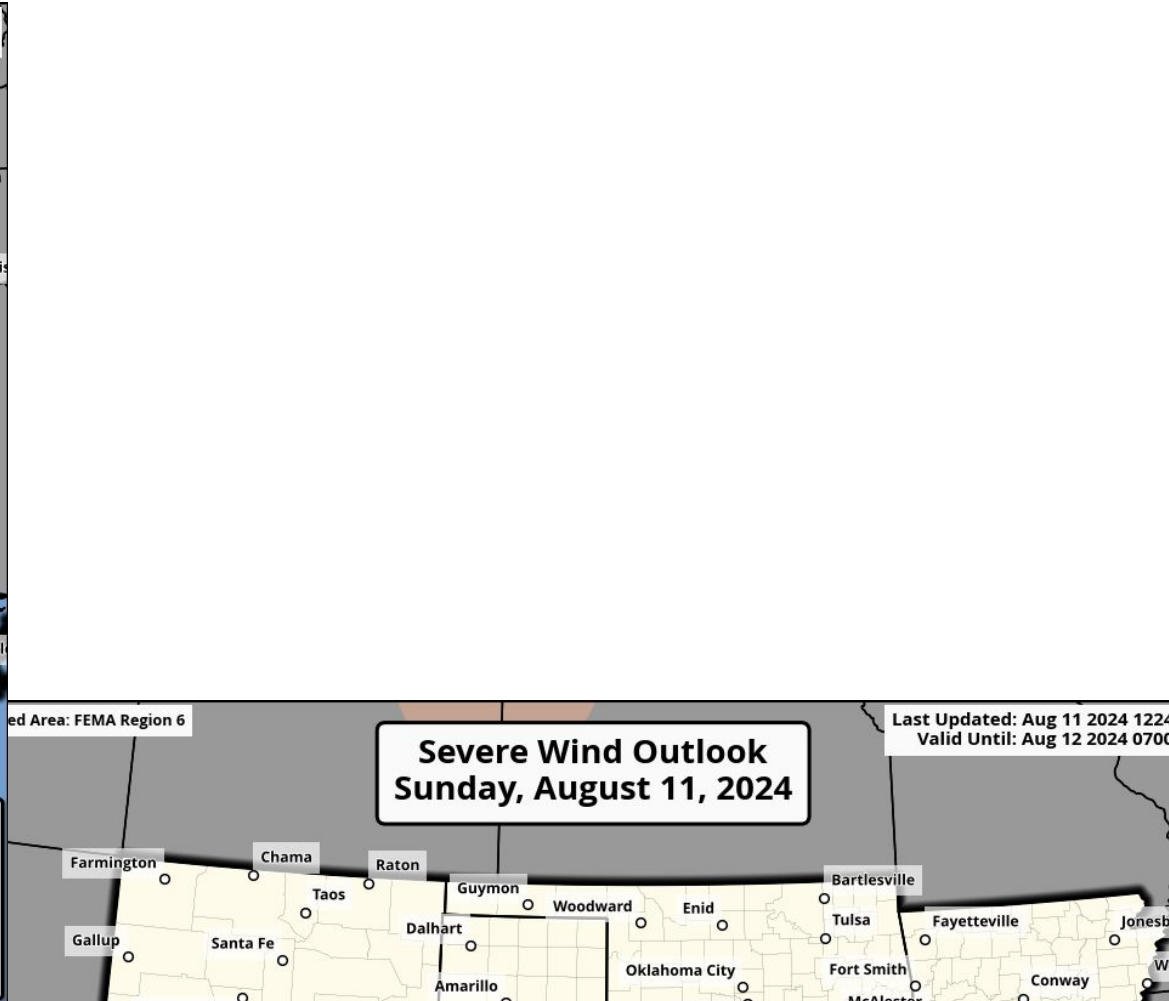
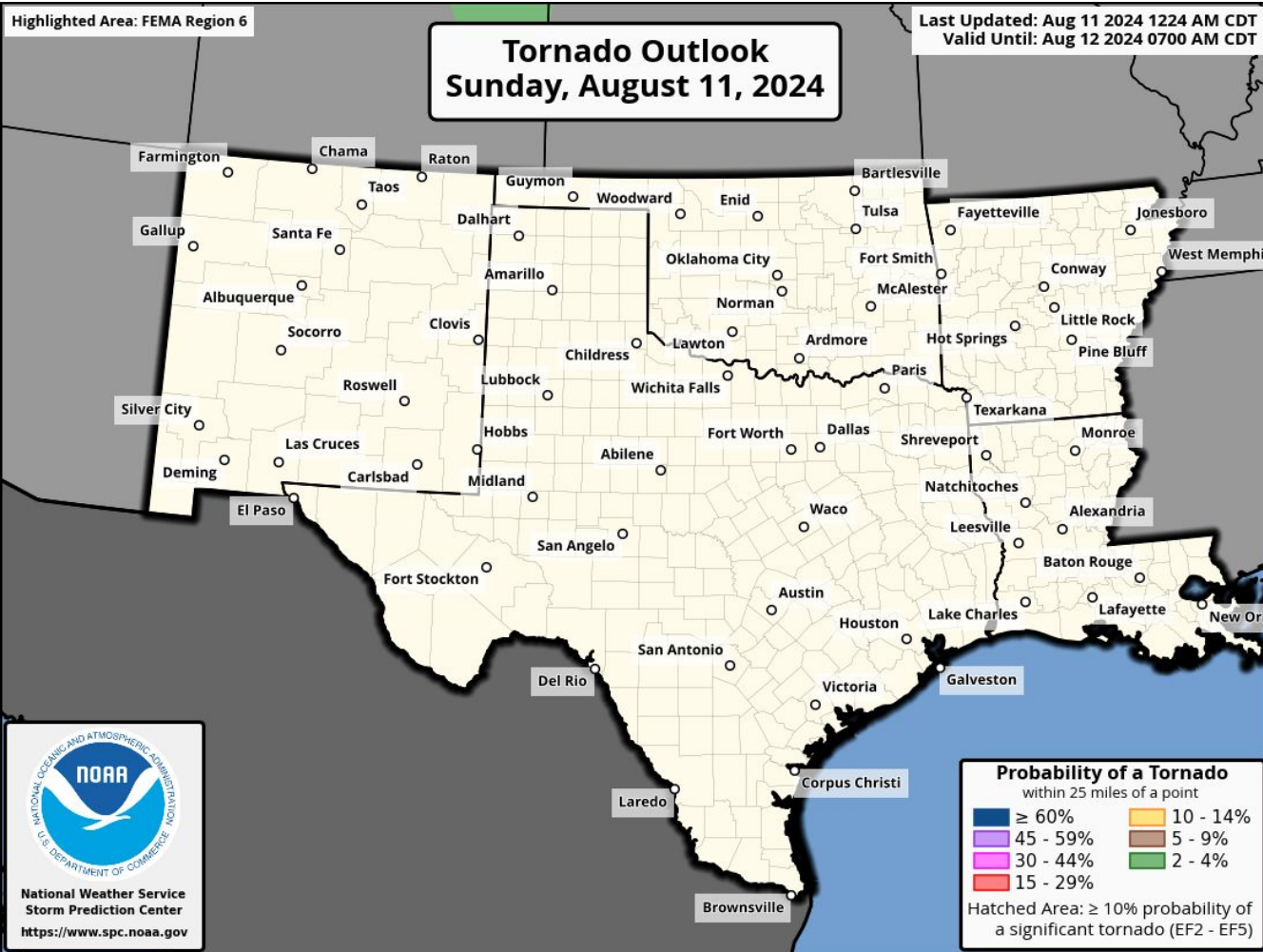
Slight risk for heavy rainfall over NE OK and NW AR

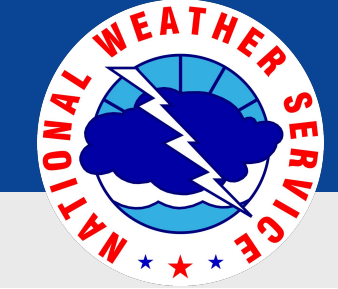




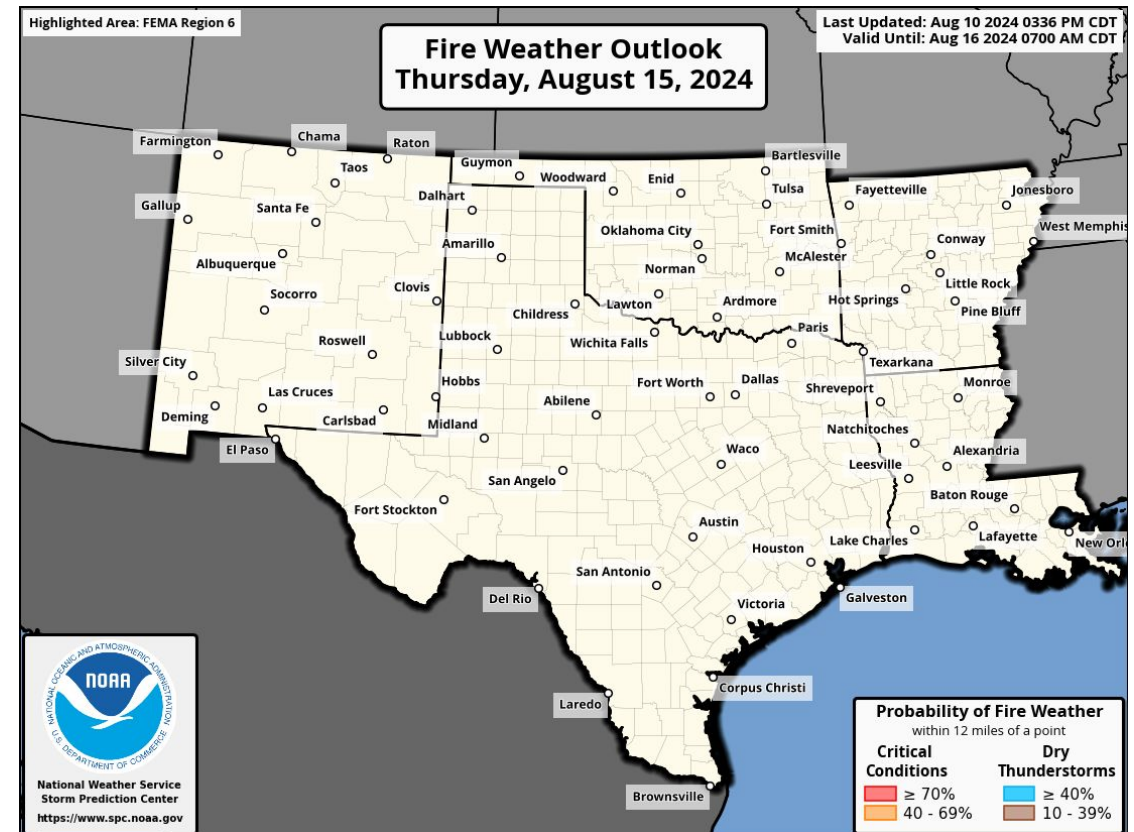
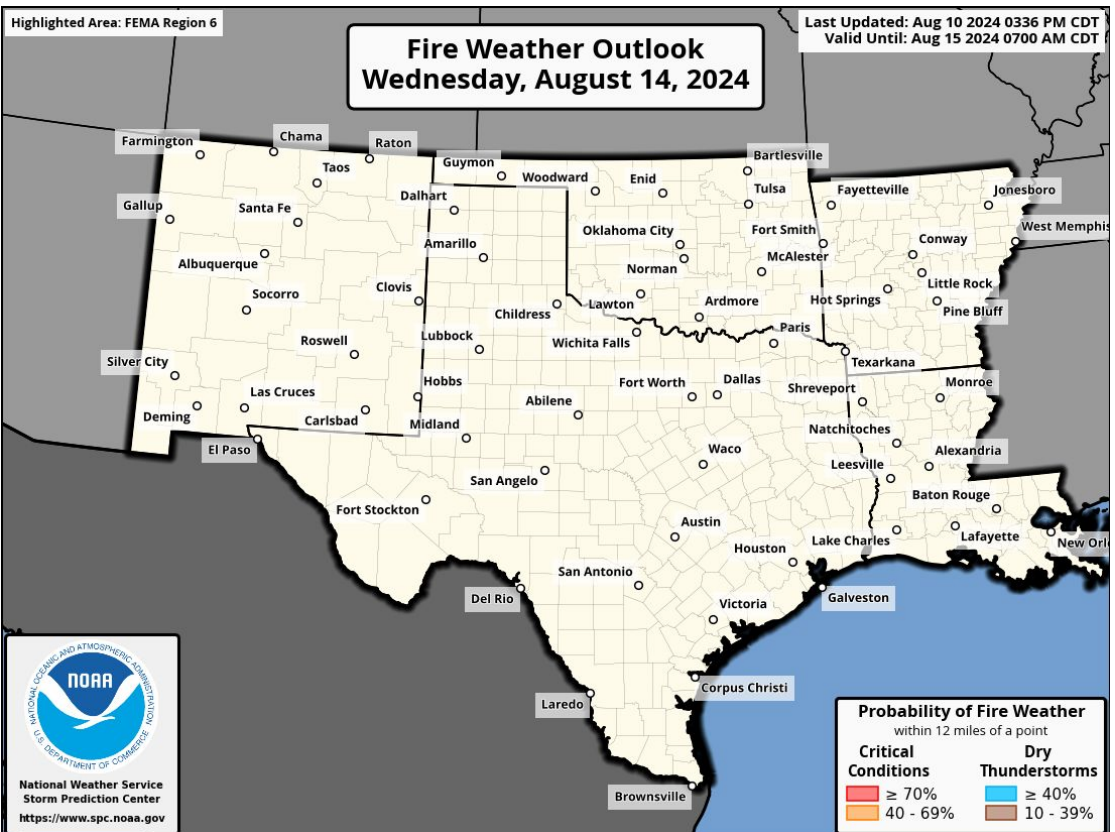
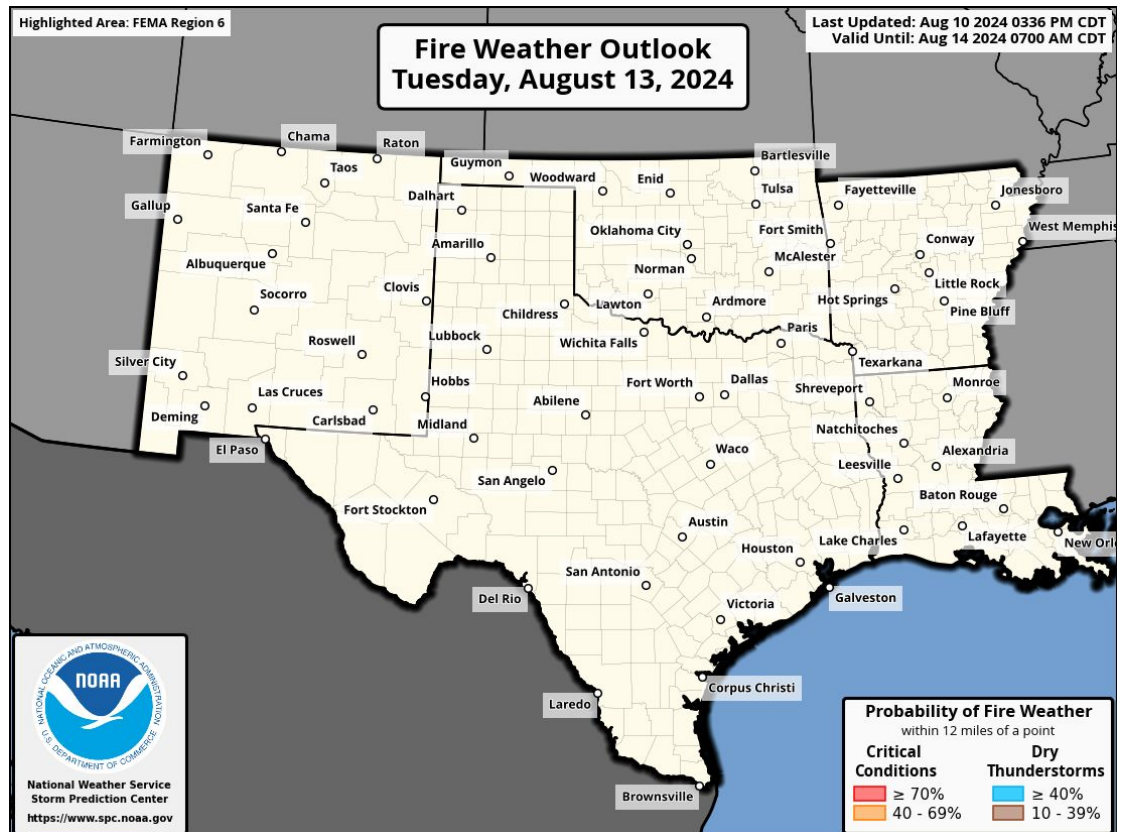
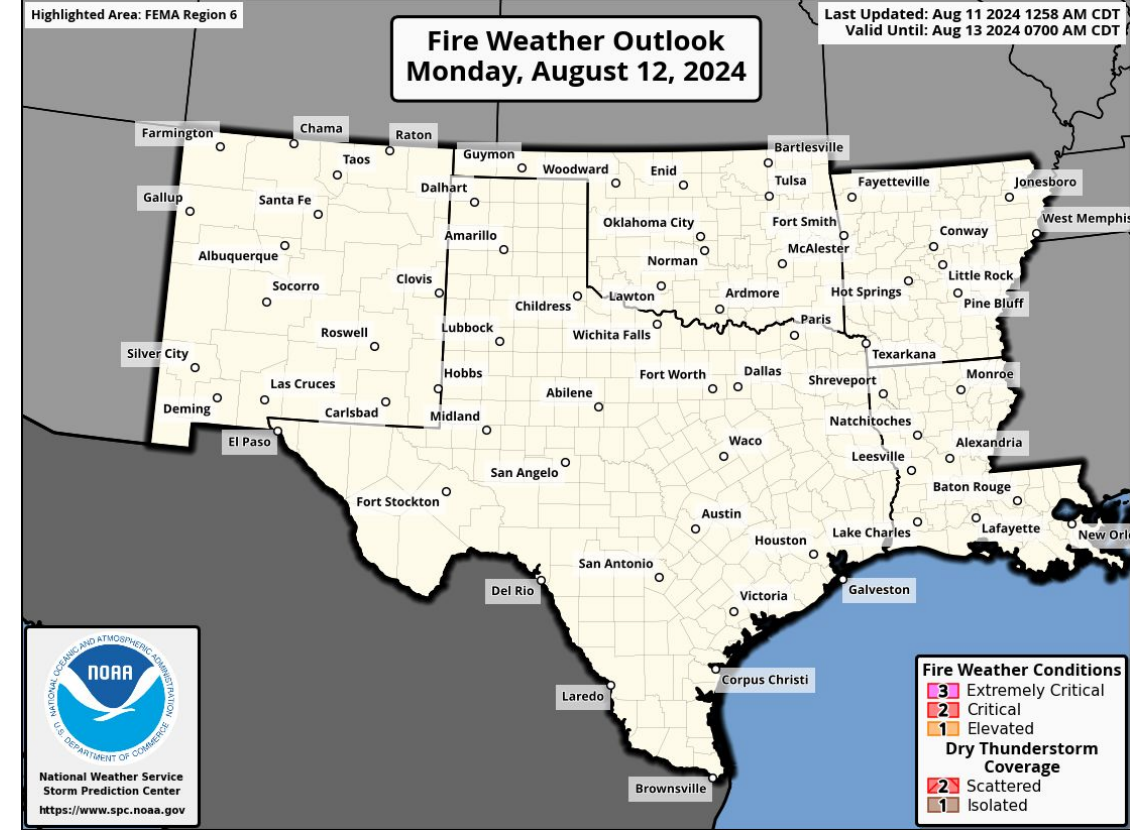
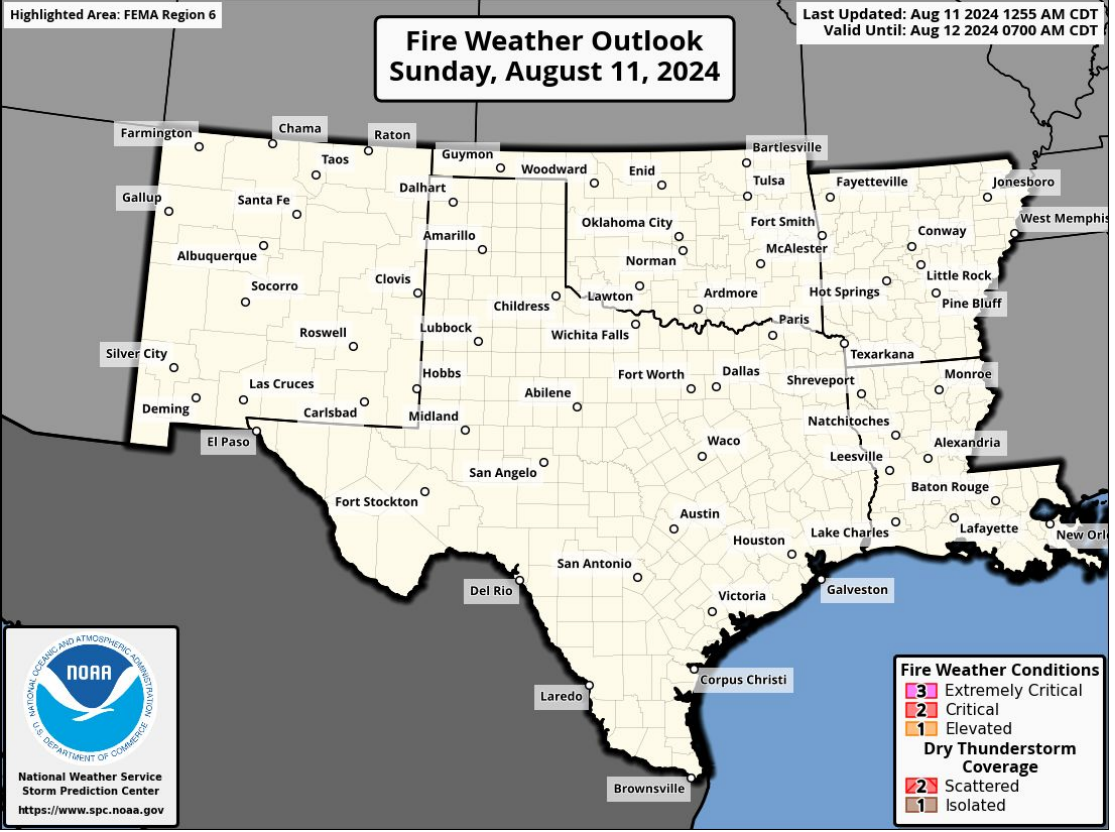
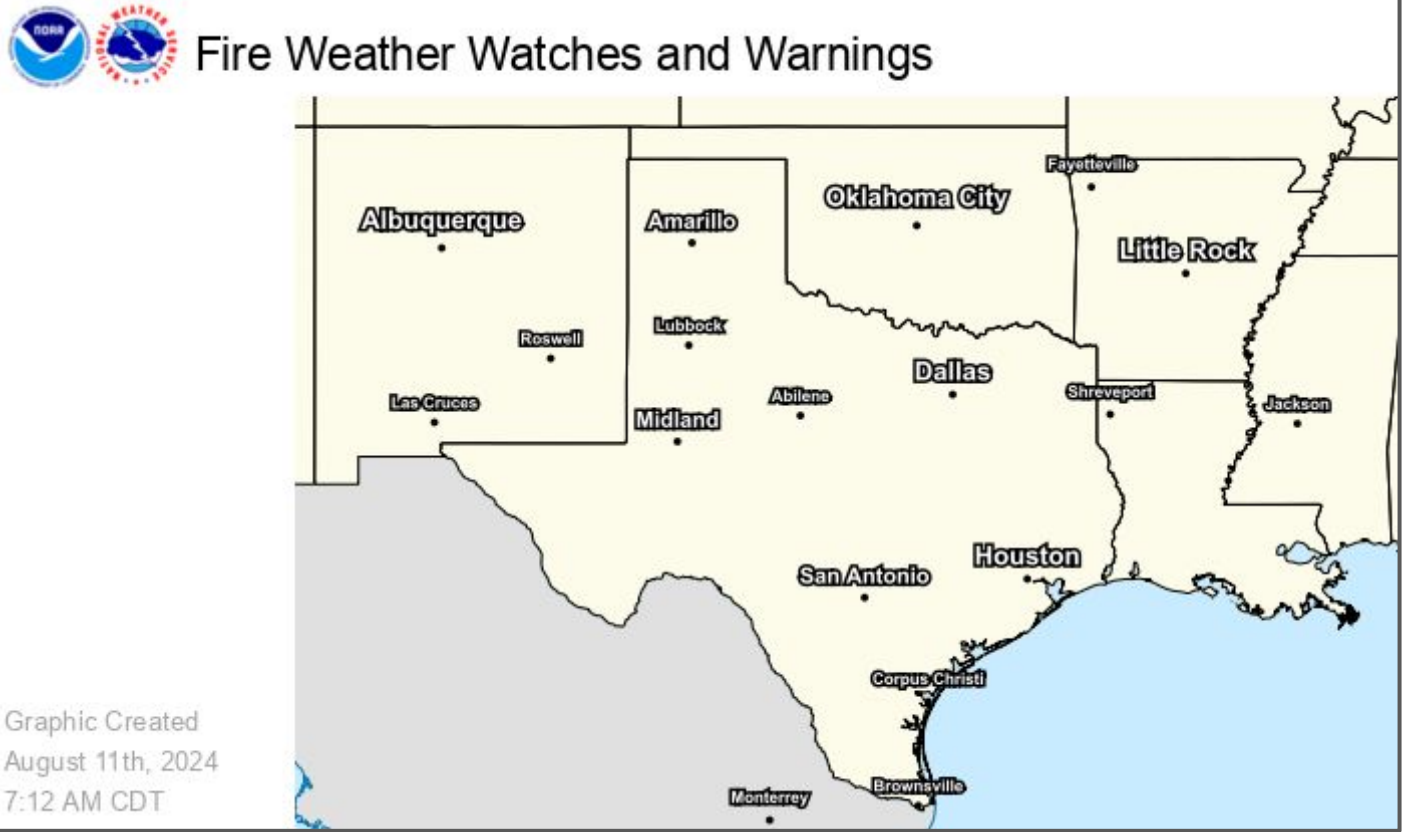
Today's Tornado & Severe Wind / Hail Probabilities

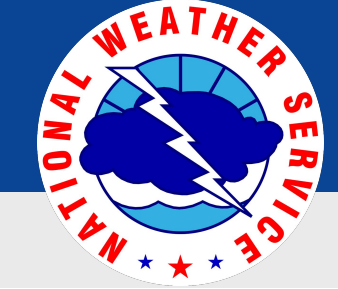
August 11, 2024





Fire Weather Outlooks

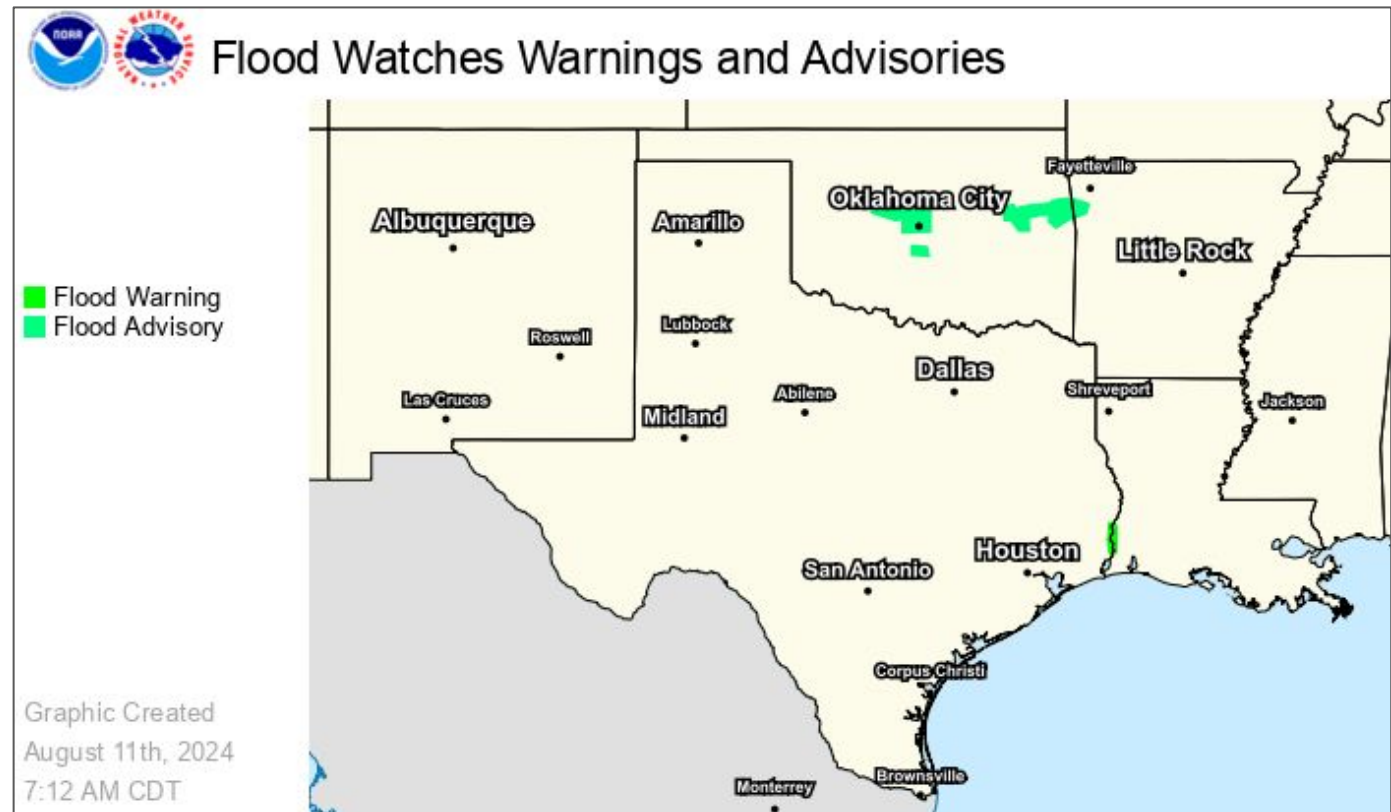
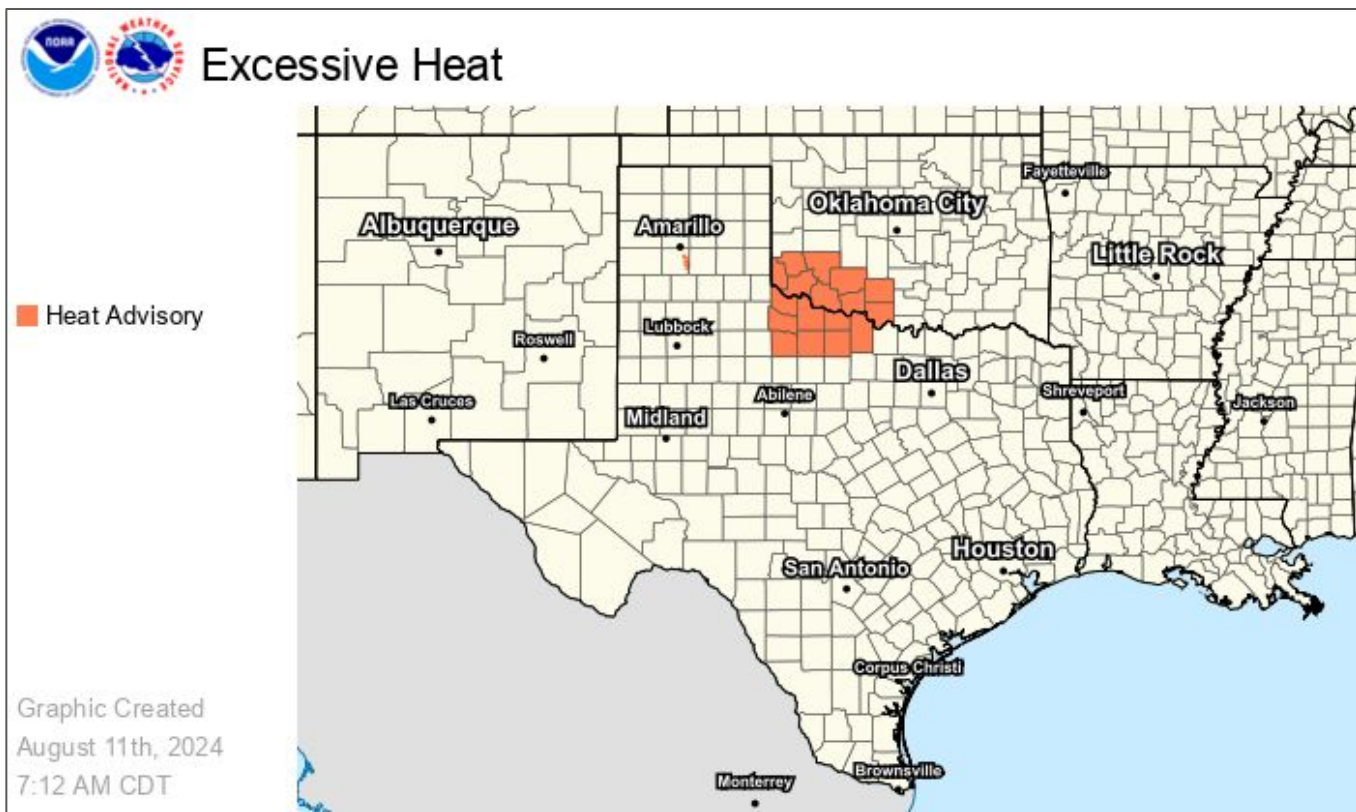


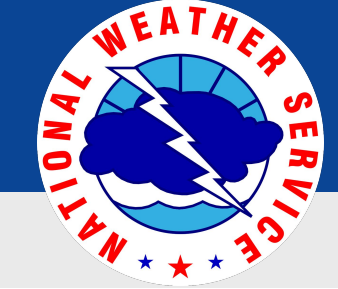


Watches, Warnings, and Advisories

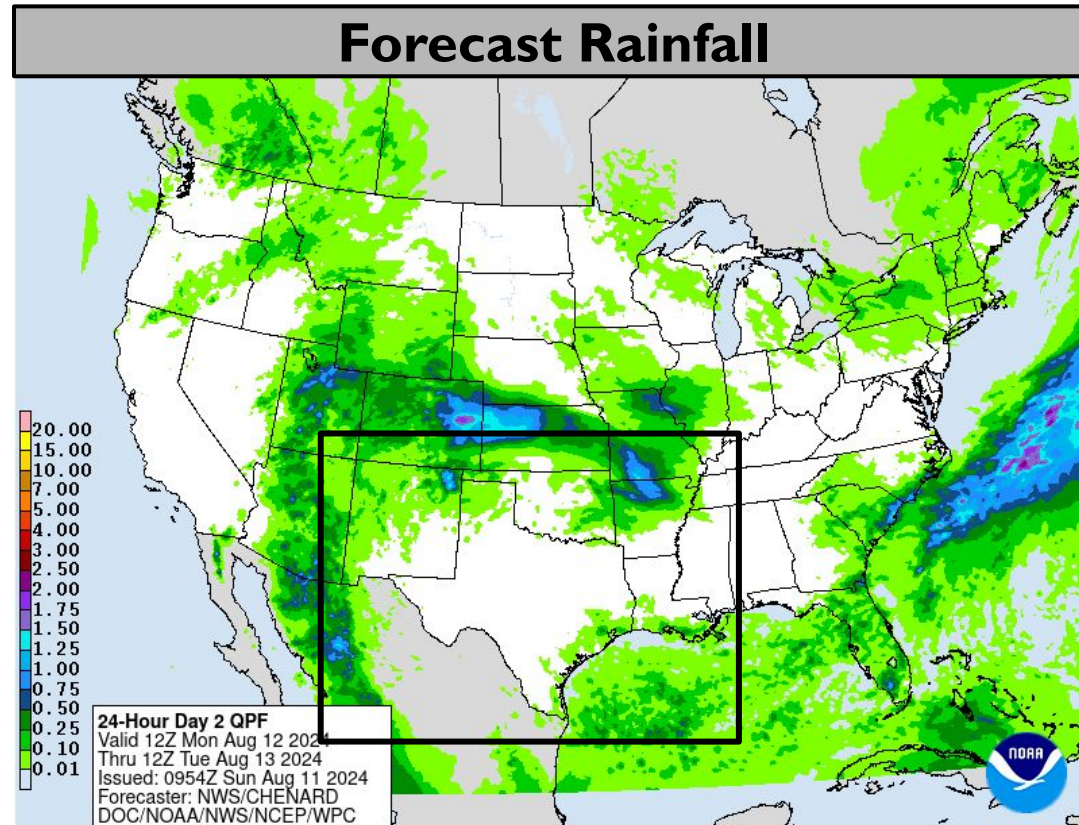
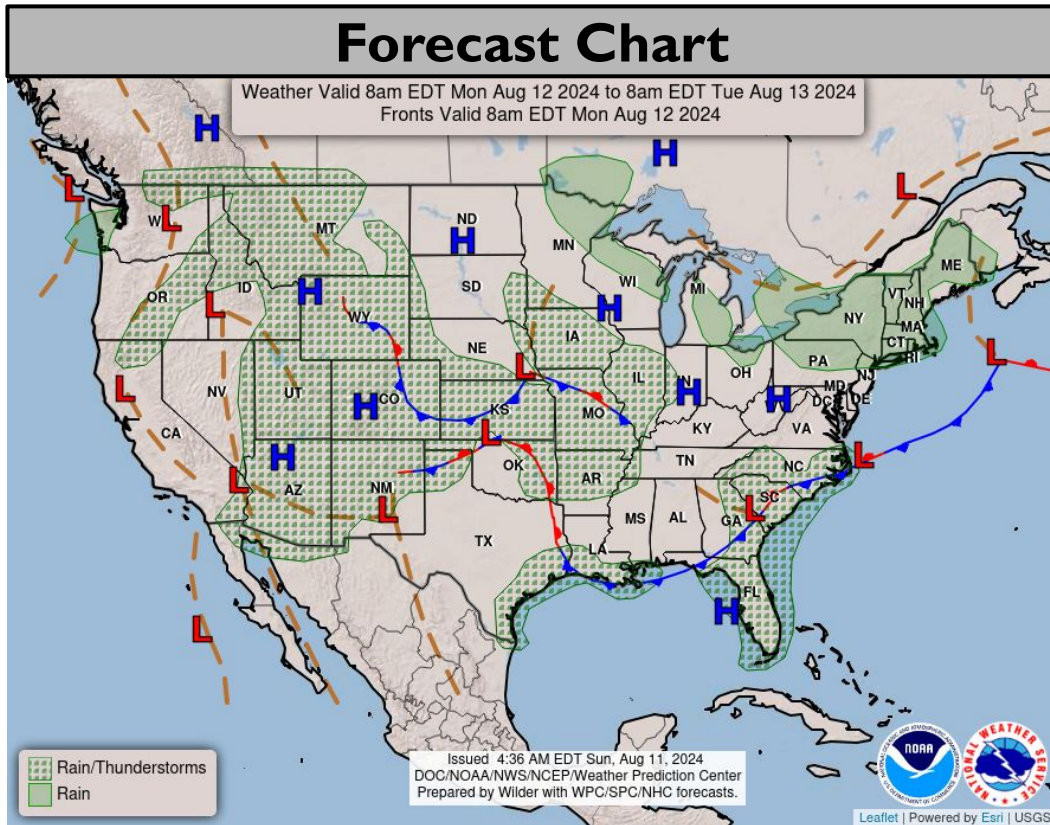
Wind, Severe, Heat, and Flood Hazards

Heat advisories over coastal TX





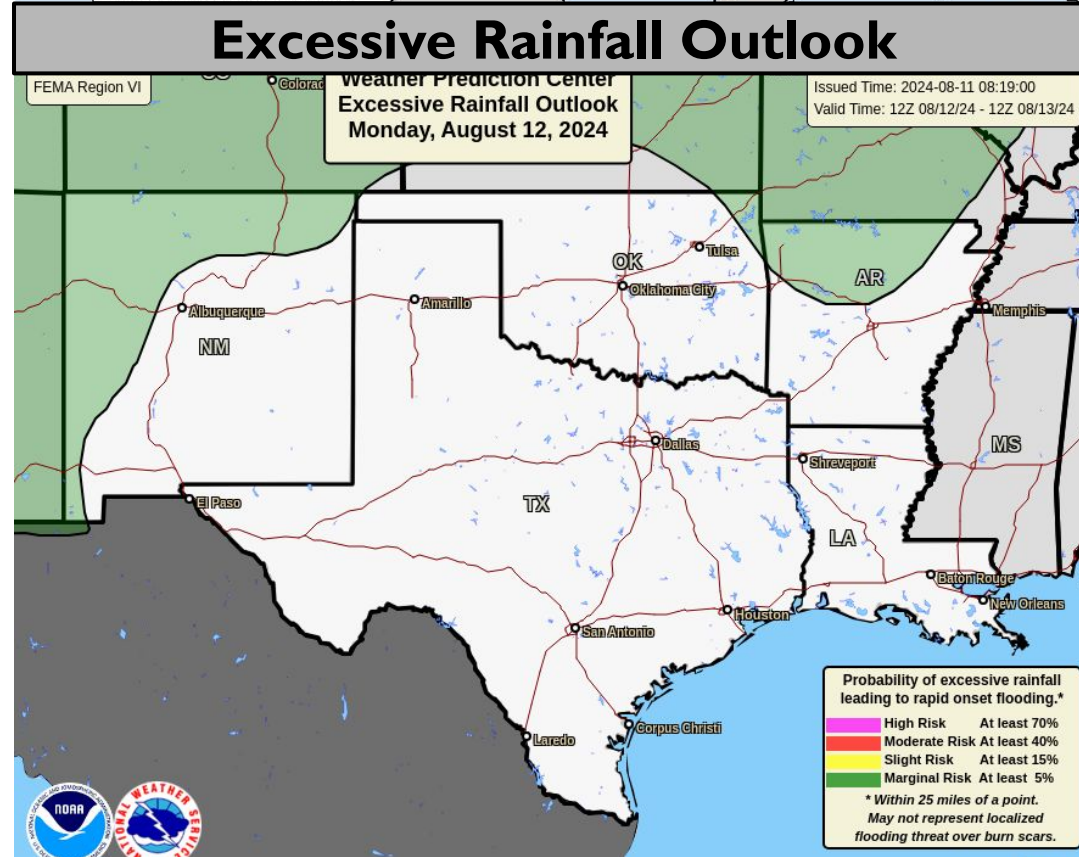
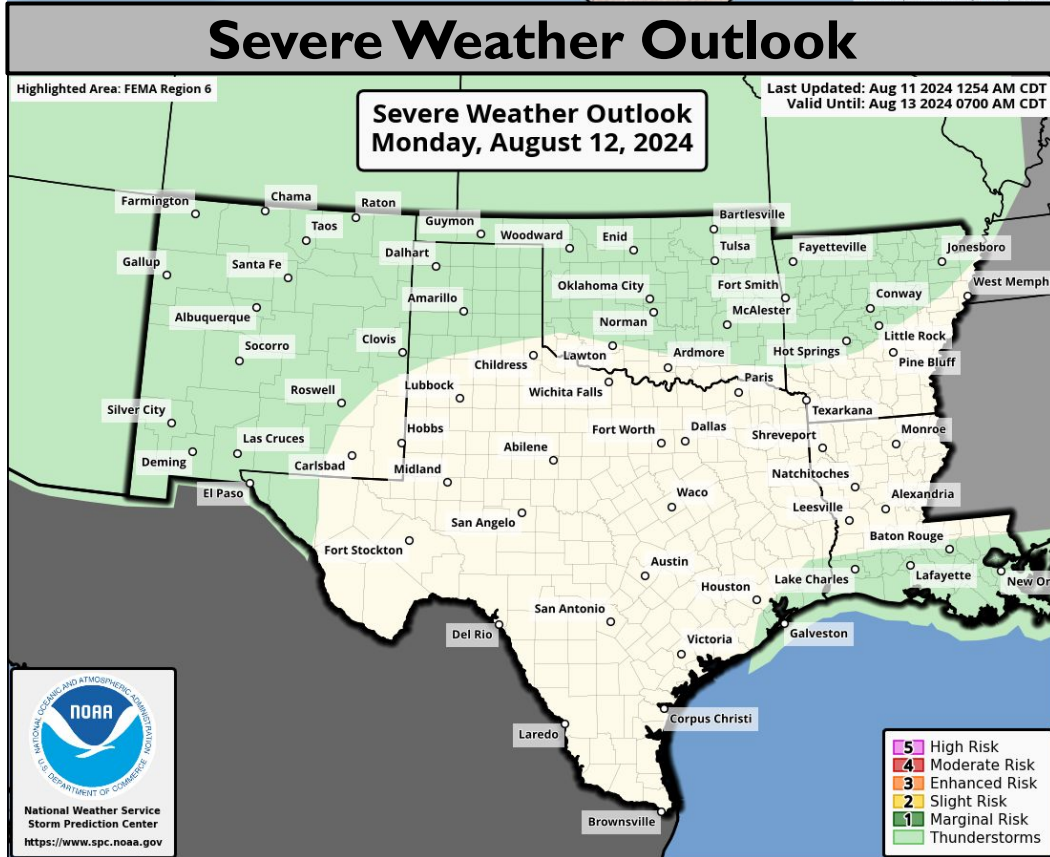
Tomorrow's Weather

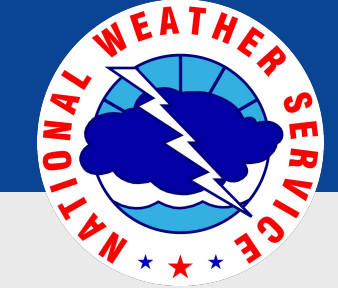


Flash flooding across burn scar areas in N NM.

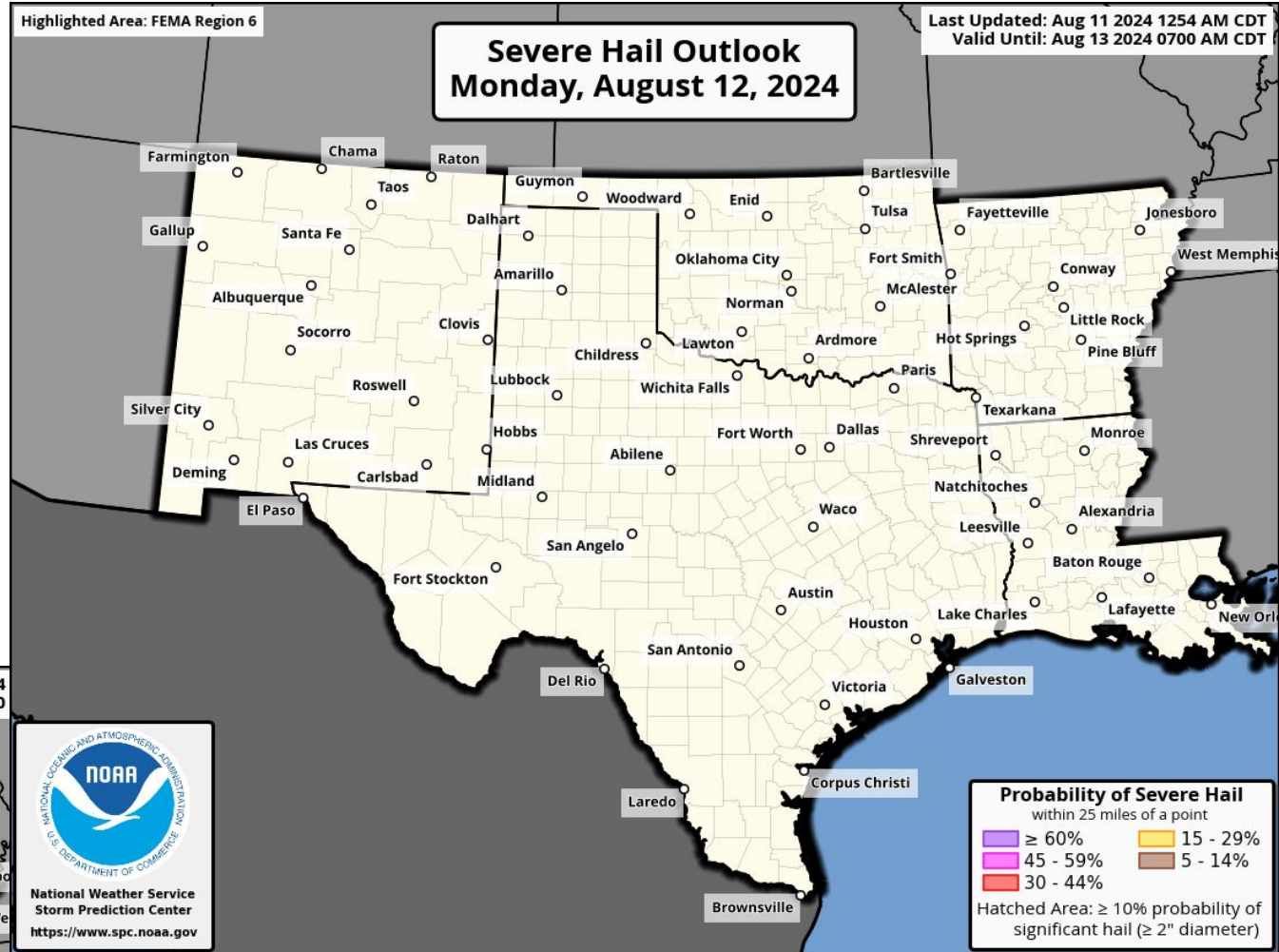
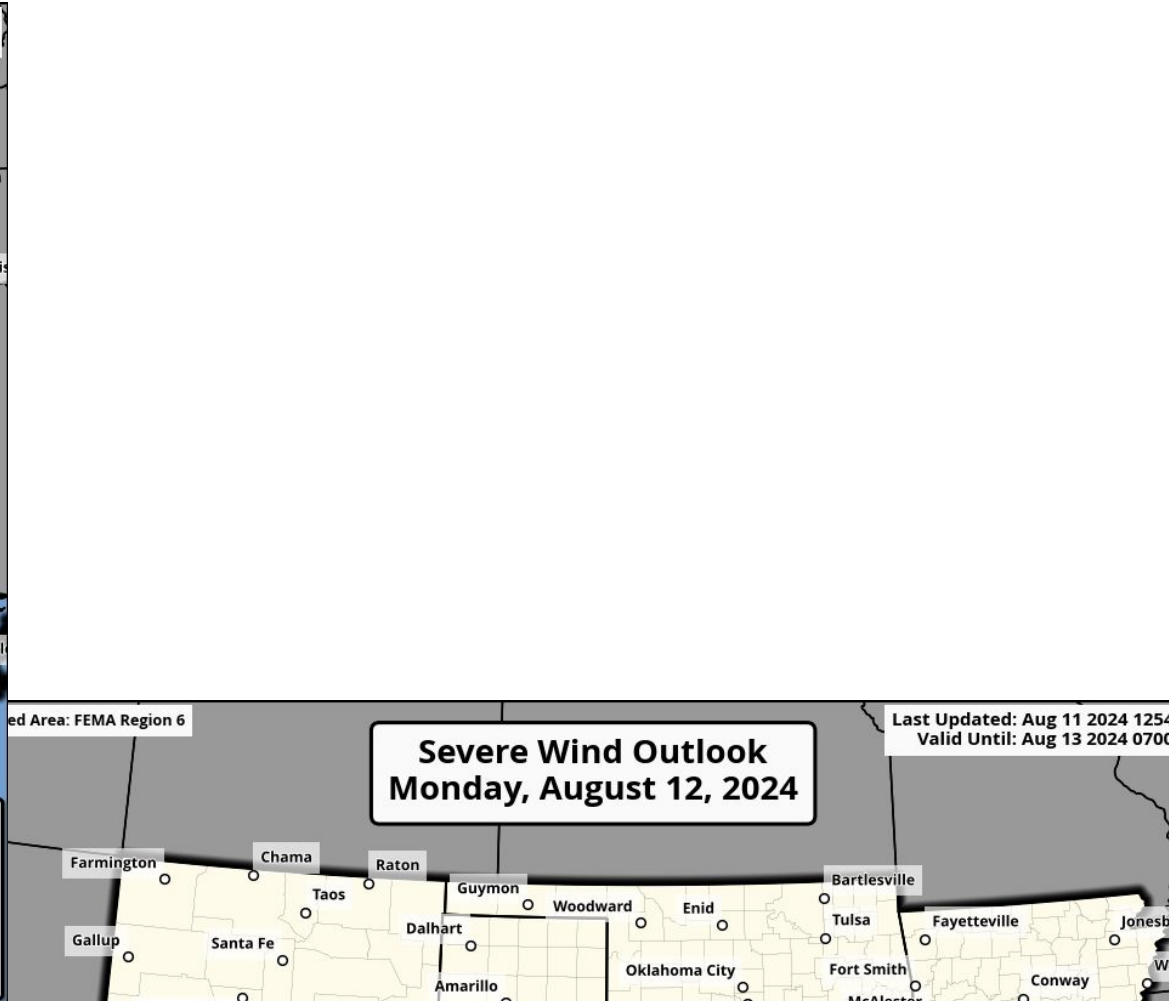
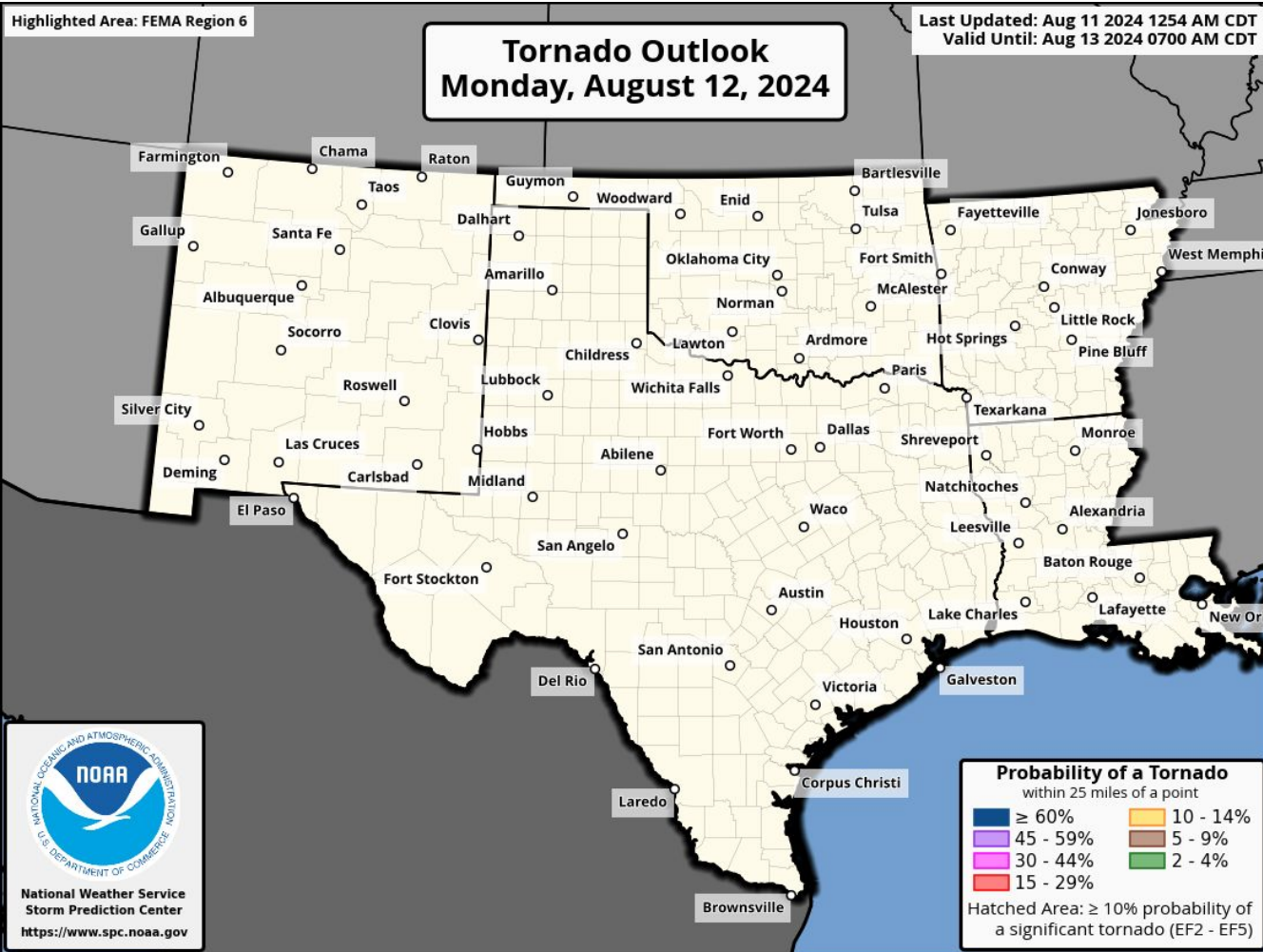
Excessive heat across SE TX, S LA.

Marginal fire weather conditions over NW TX.





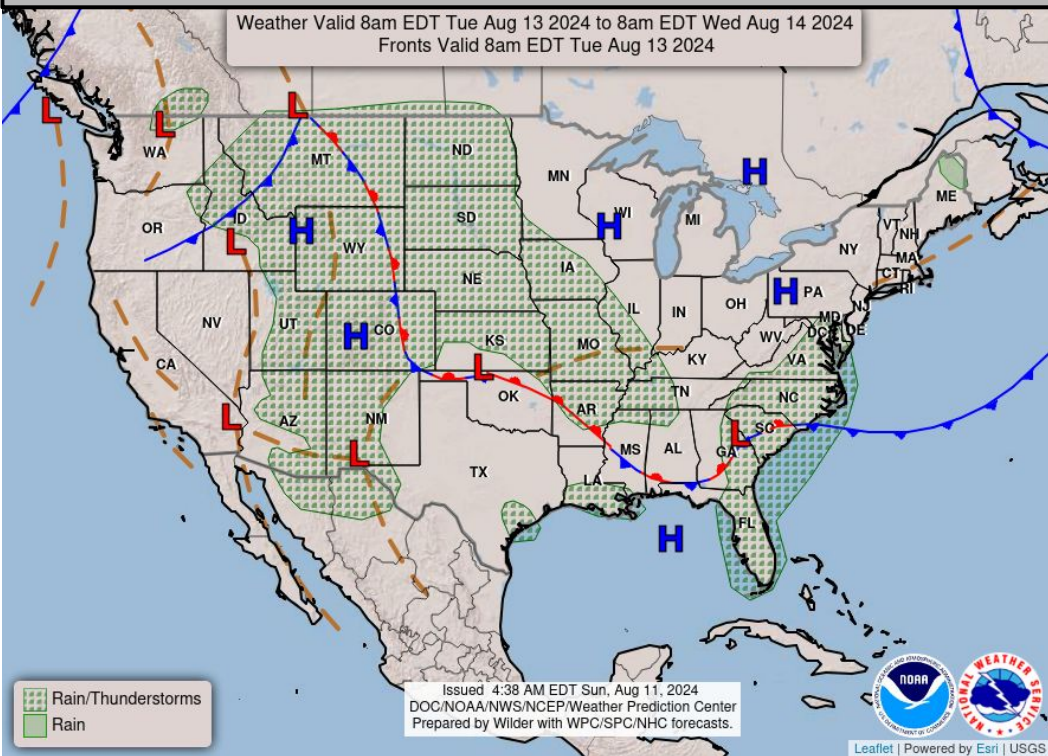
Tomorrow's Tornado & Severe Wind / Hail Probabilities



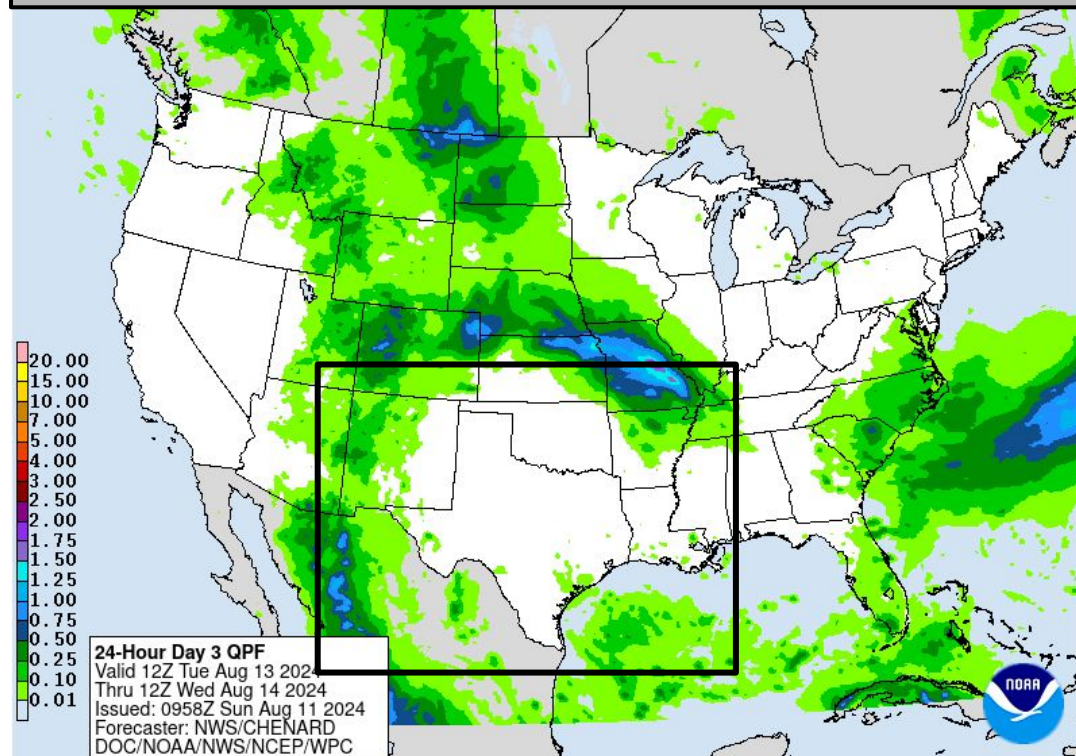


Tuesday's Weather

Forecast Chart



Forecast Rainfall

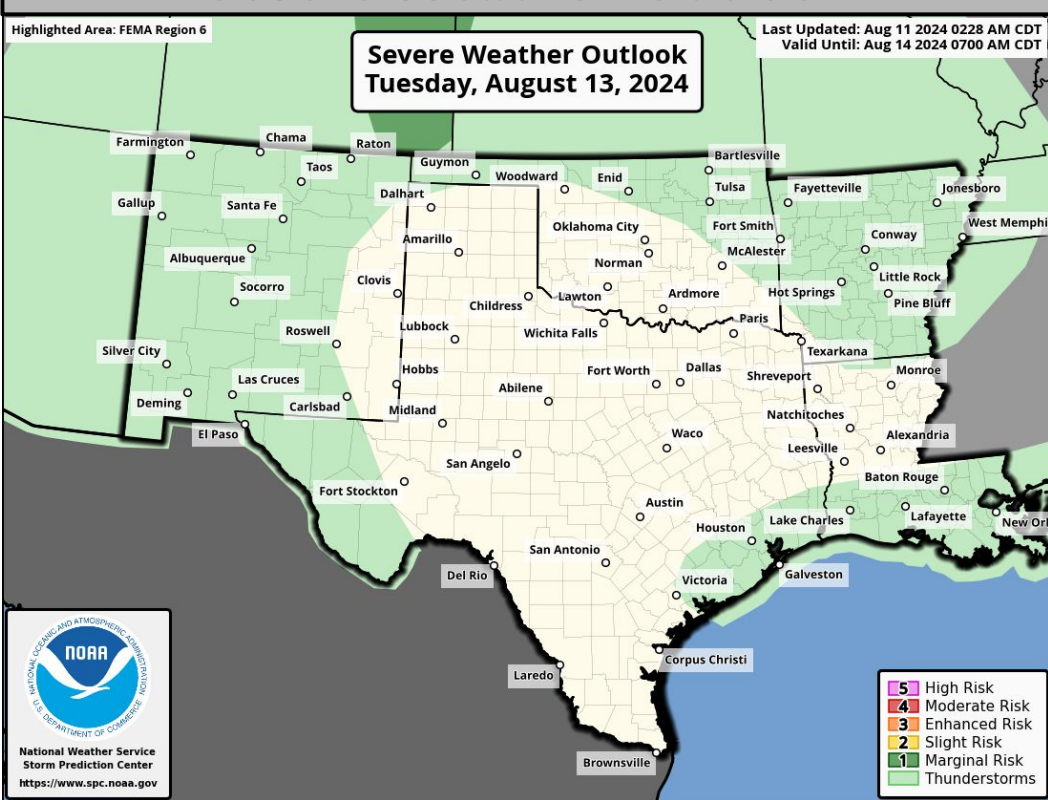


Flash flooding across burn scar areas in N NM.

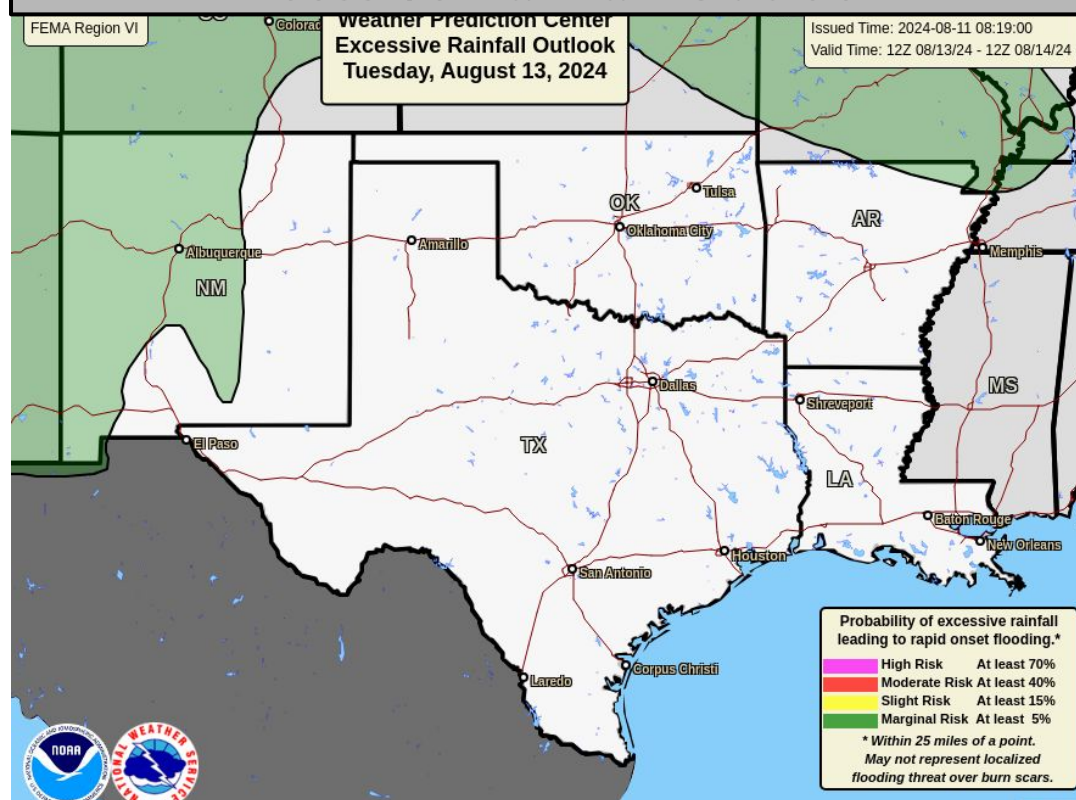
Excessive heat across TX, LA

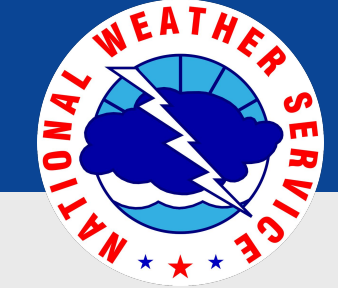
Marginal fire weather conditions over NW TX.

Severe Weather Outlook



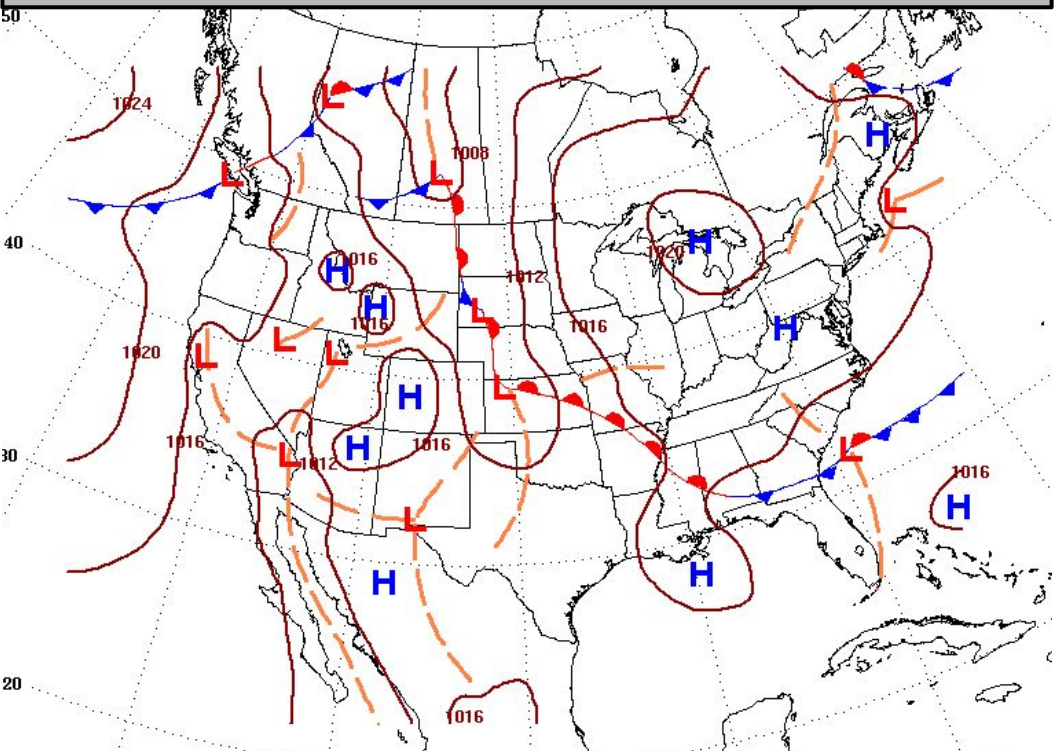
Excessive Rainfall Outlook



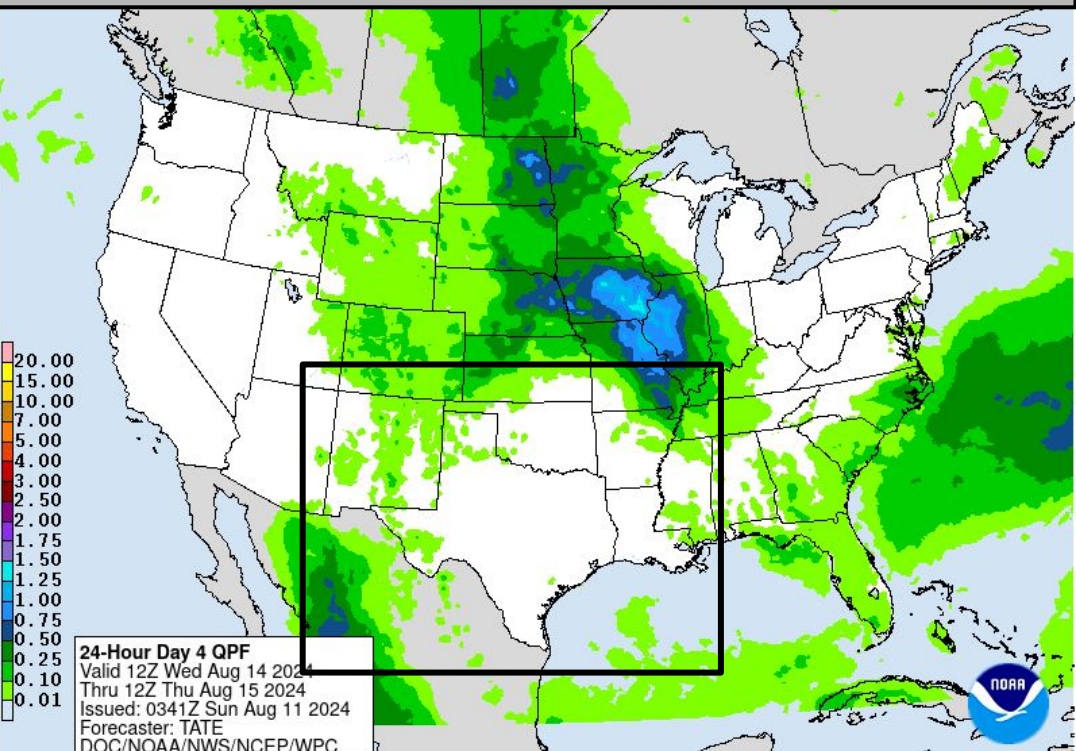


Wednesday's Weather

Forecast Chart



Forecast Rainfall

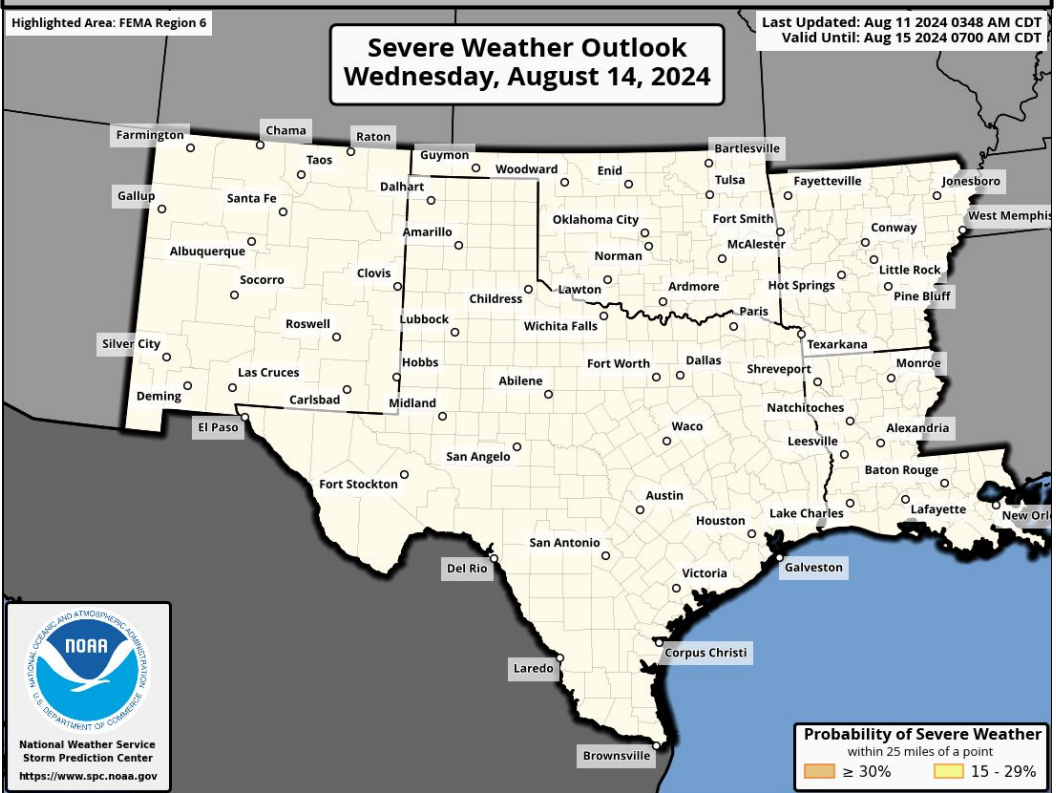


Flash flooding across burn scar areas in N NM.

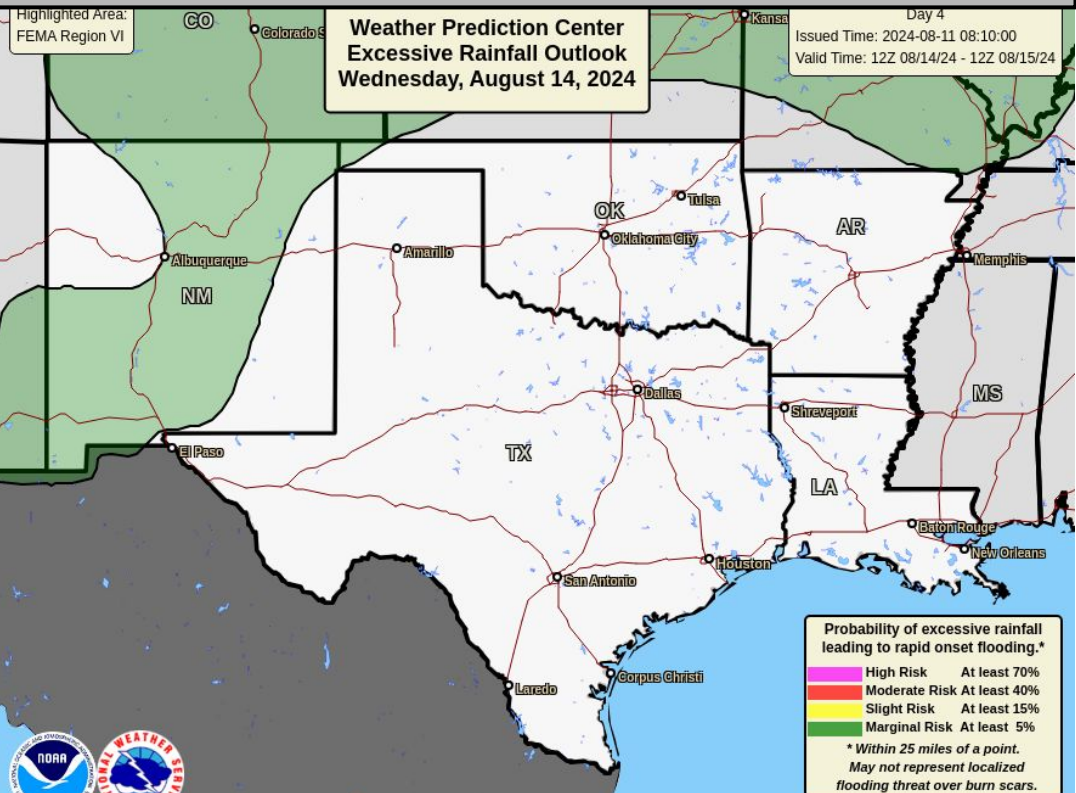
Excessive heat across TX, LA

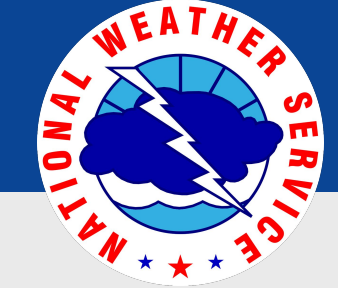
Marginal fire weather conditions over NWTX.

Severe Weather Outlook



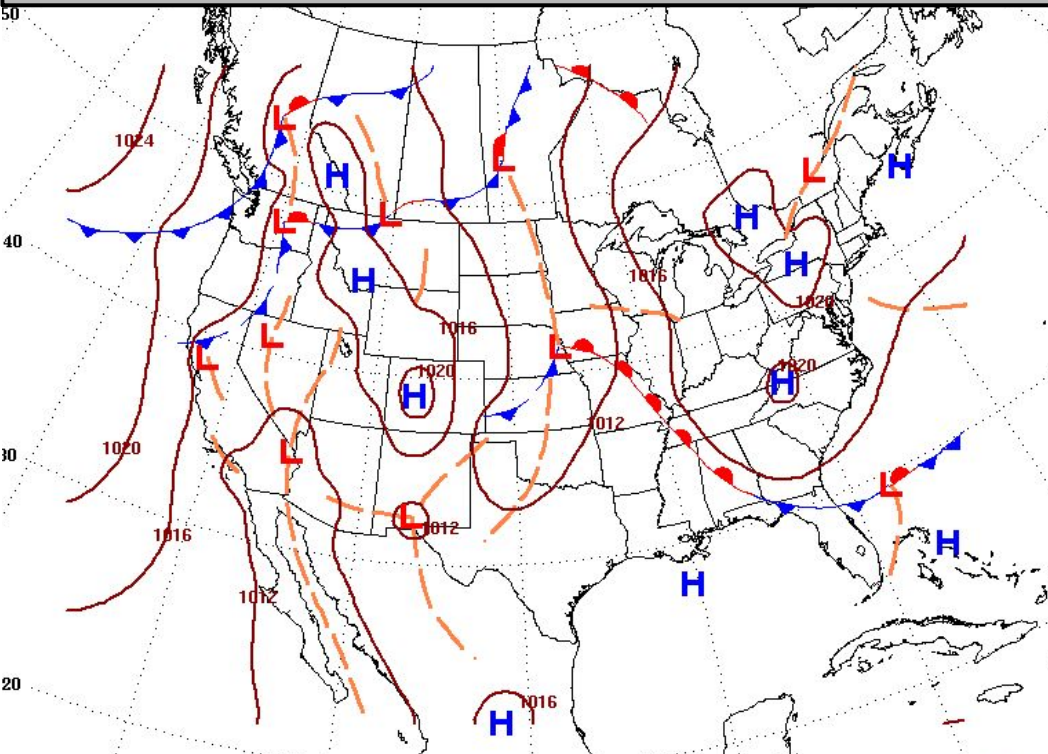
Excessive Rainfall Outlook



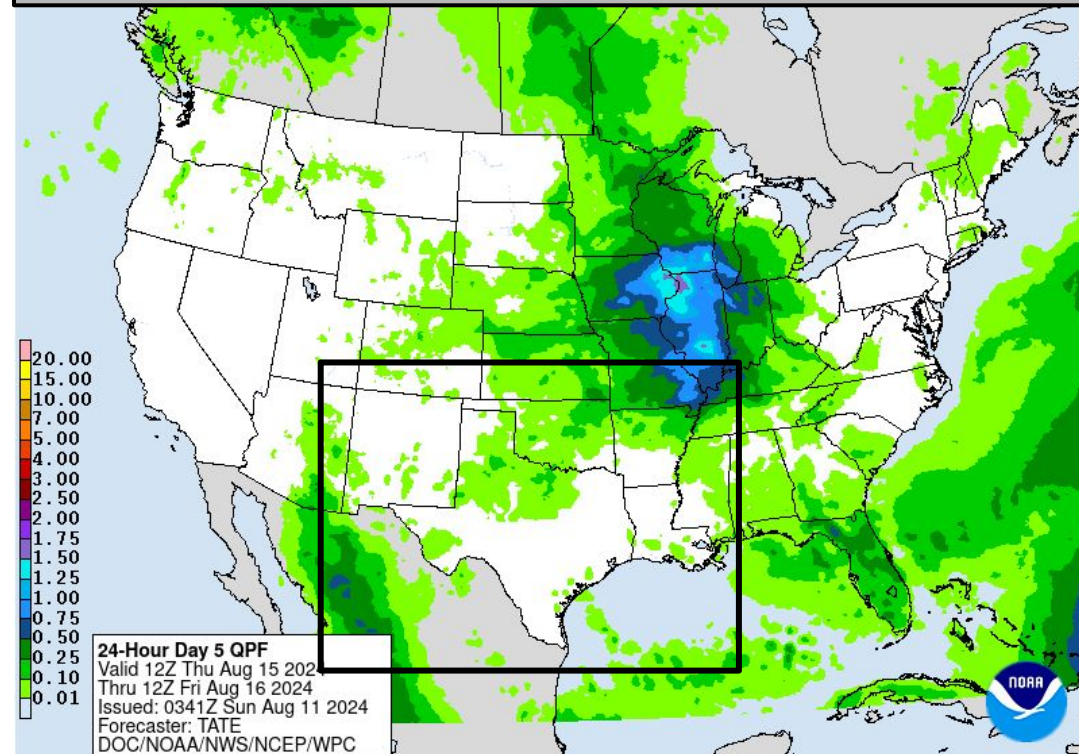


Thursday's Weather

Forecast Chart



Forecast Rainfall

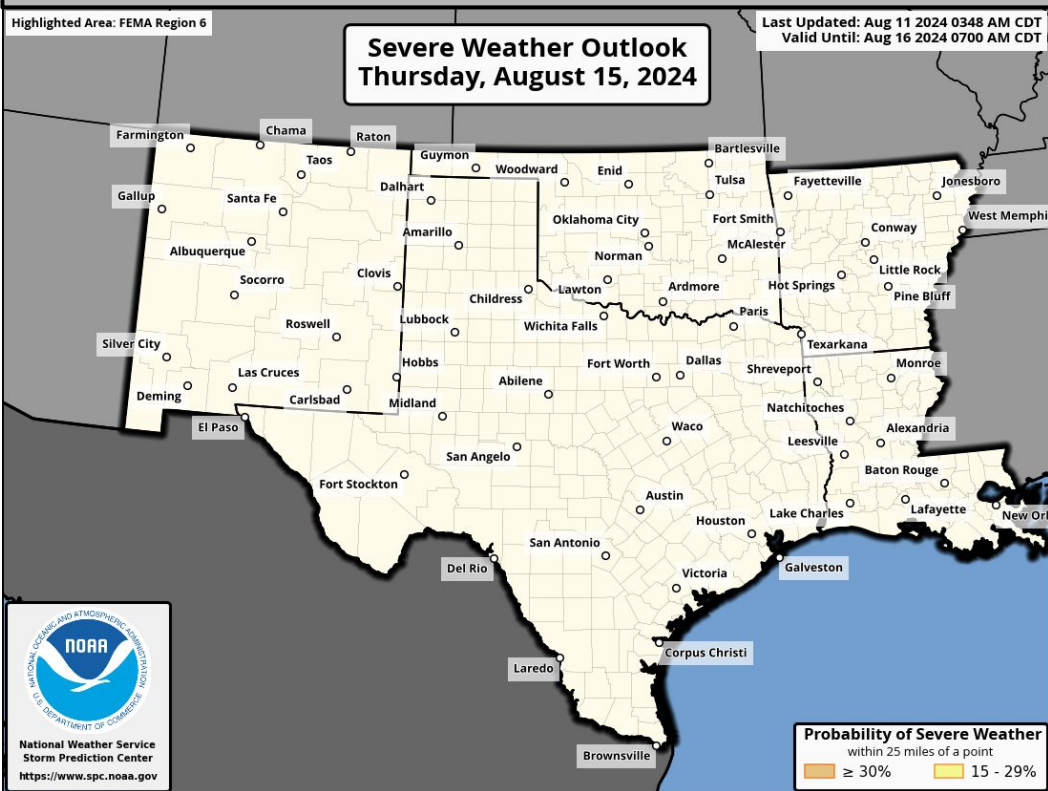


Excessive heat across TX, LA

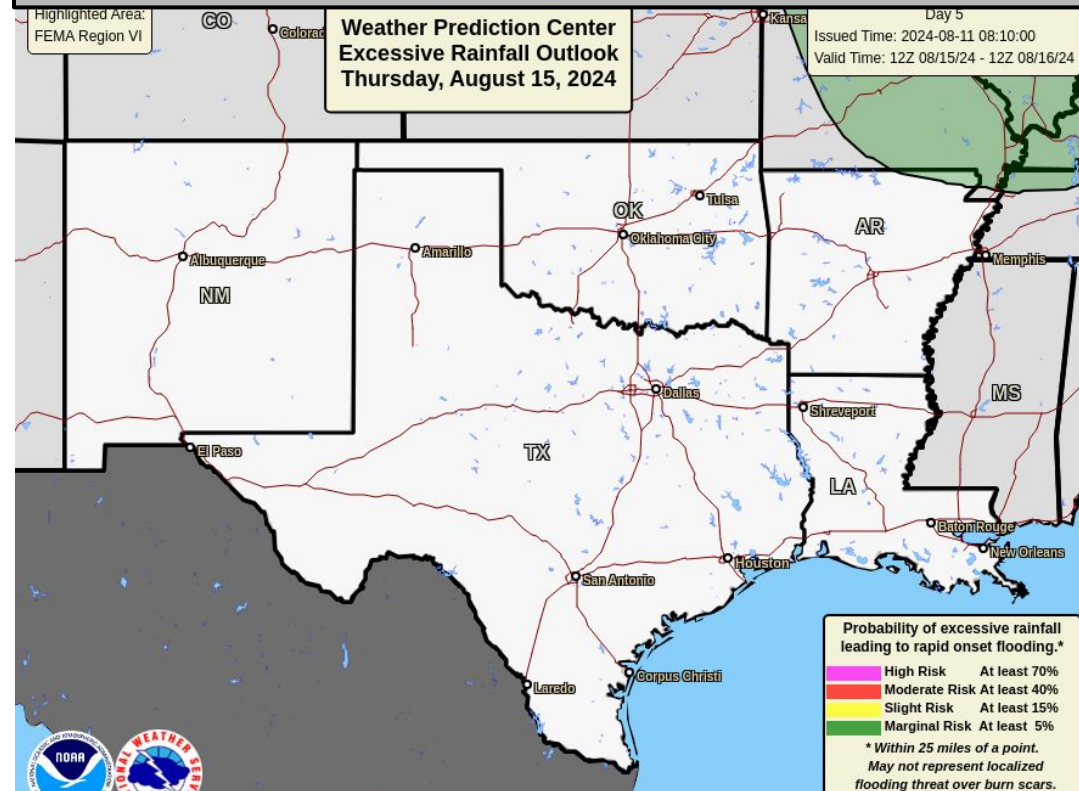
Marginal fire weather threat over NWTX

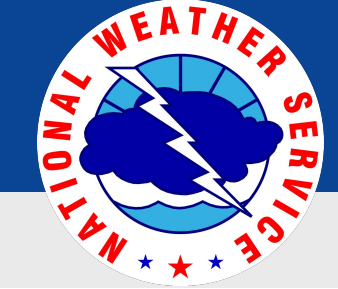
Marginal threat for flash flooding over burn scar areas of N NM.

Severe Weather Outlook

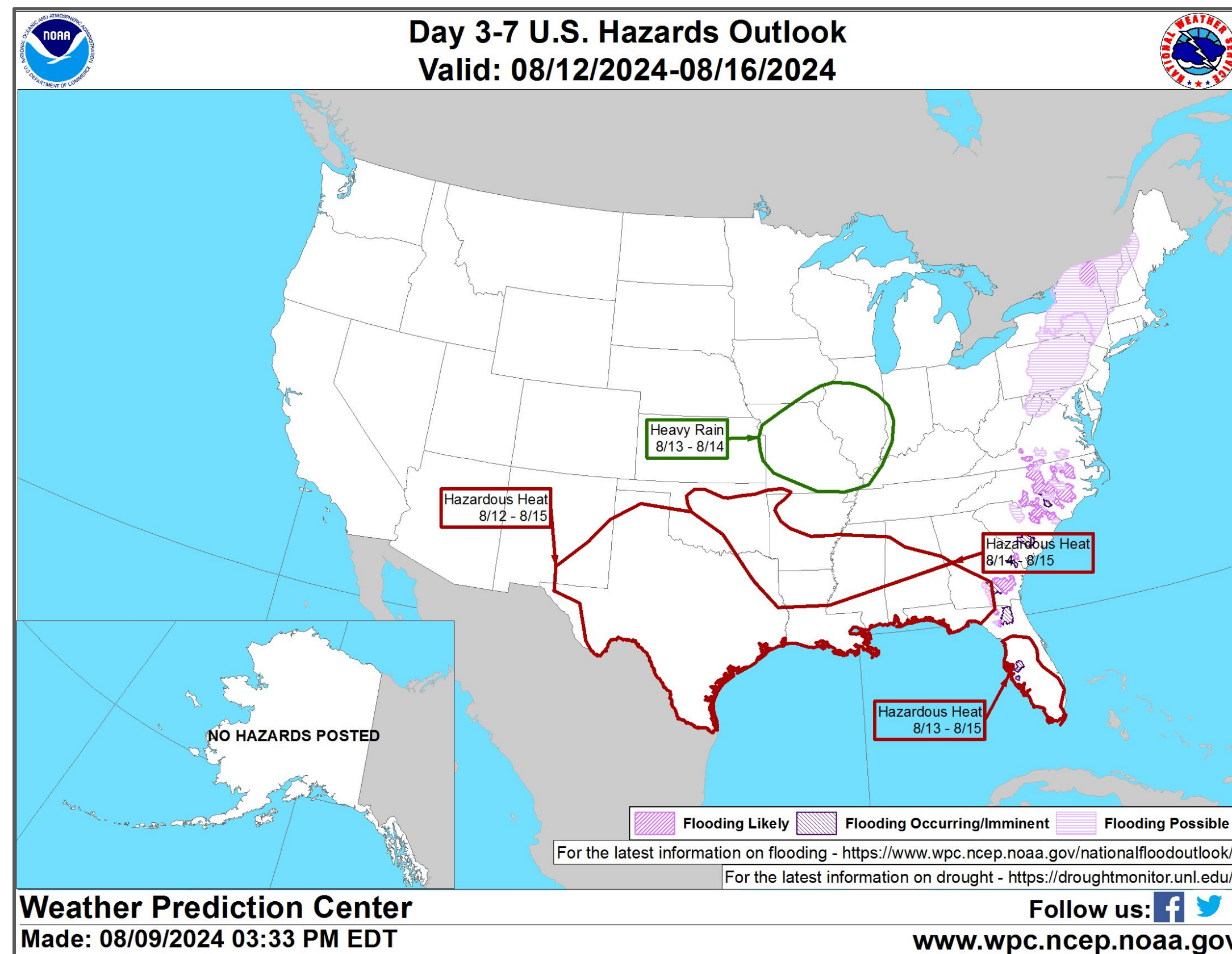


Excessive Rainfall Outlook





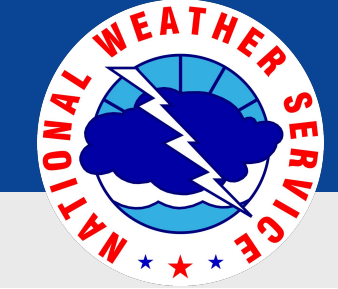
“Day 3-7” Hazards Outlook



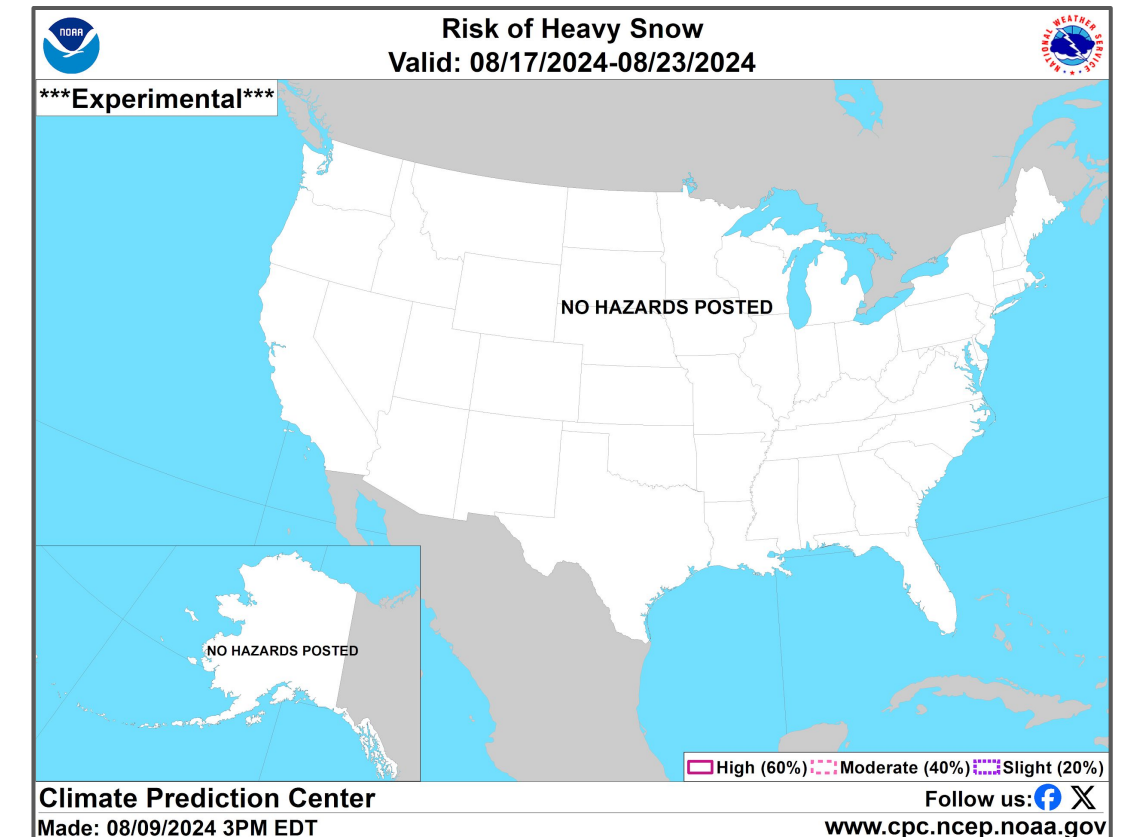
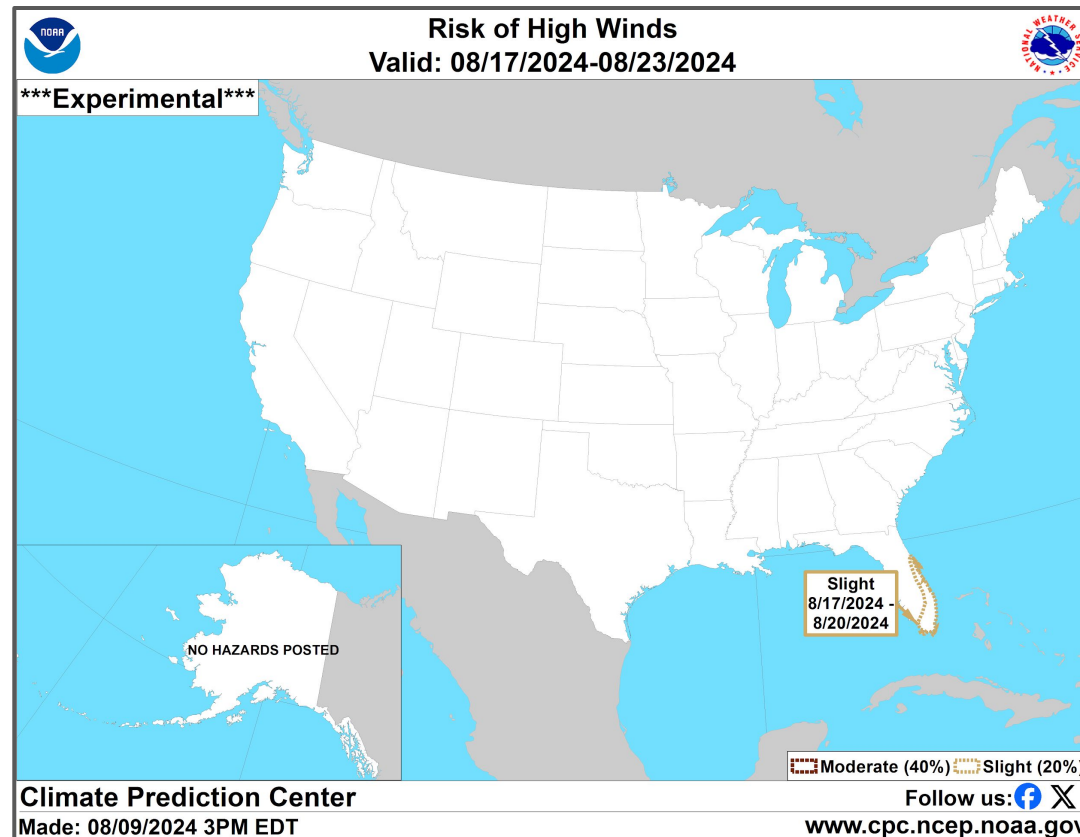
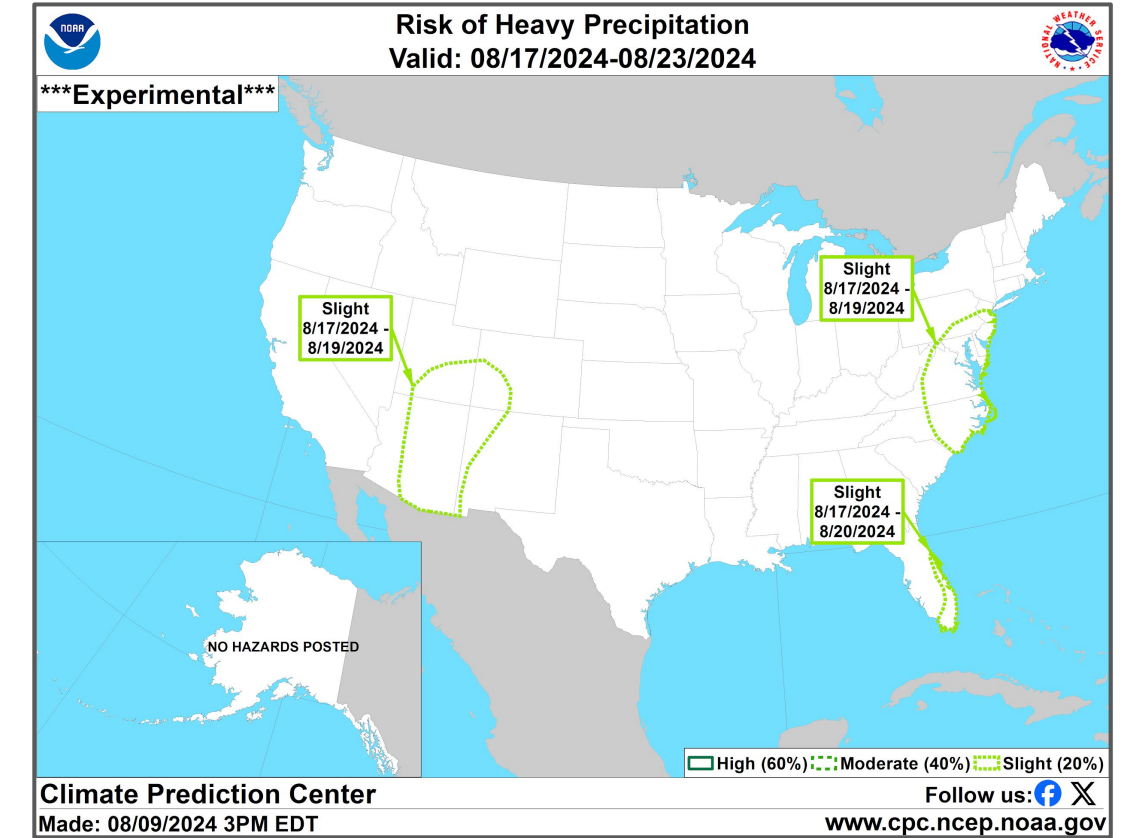
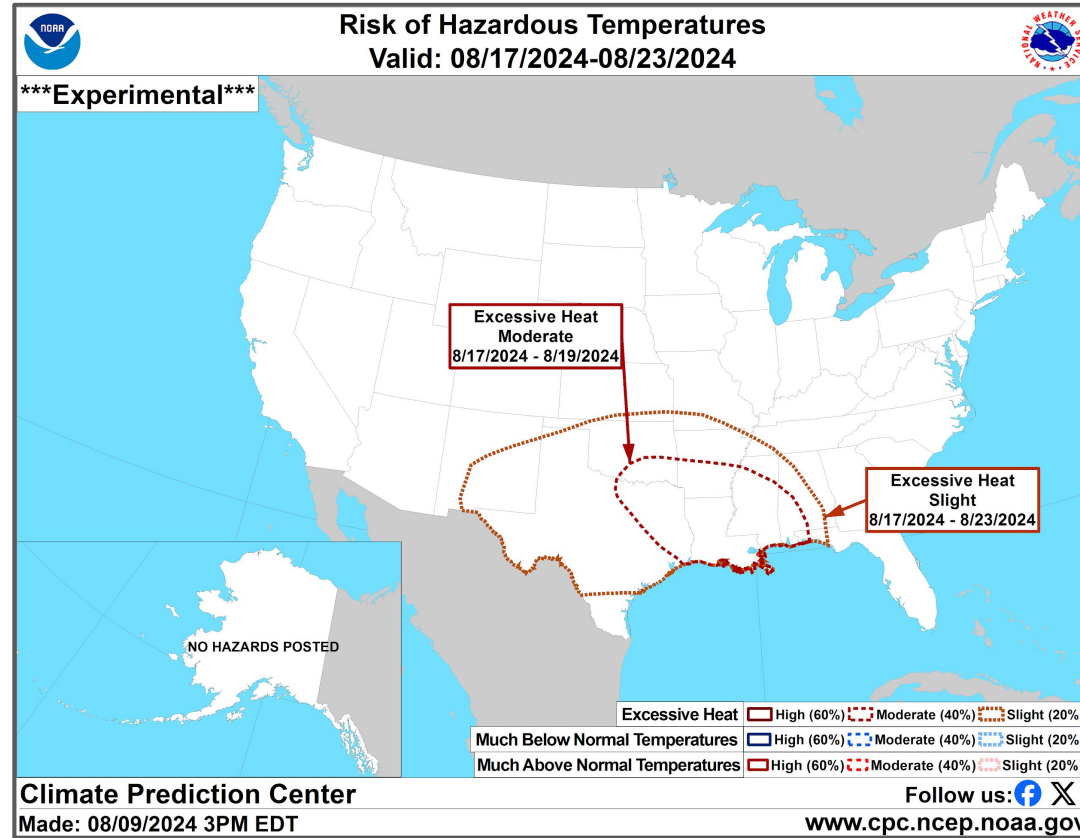
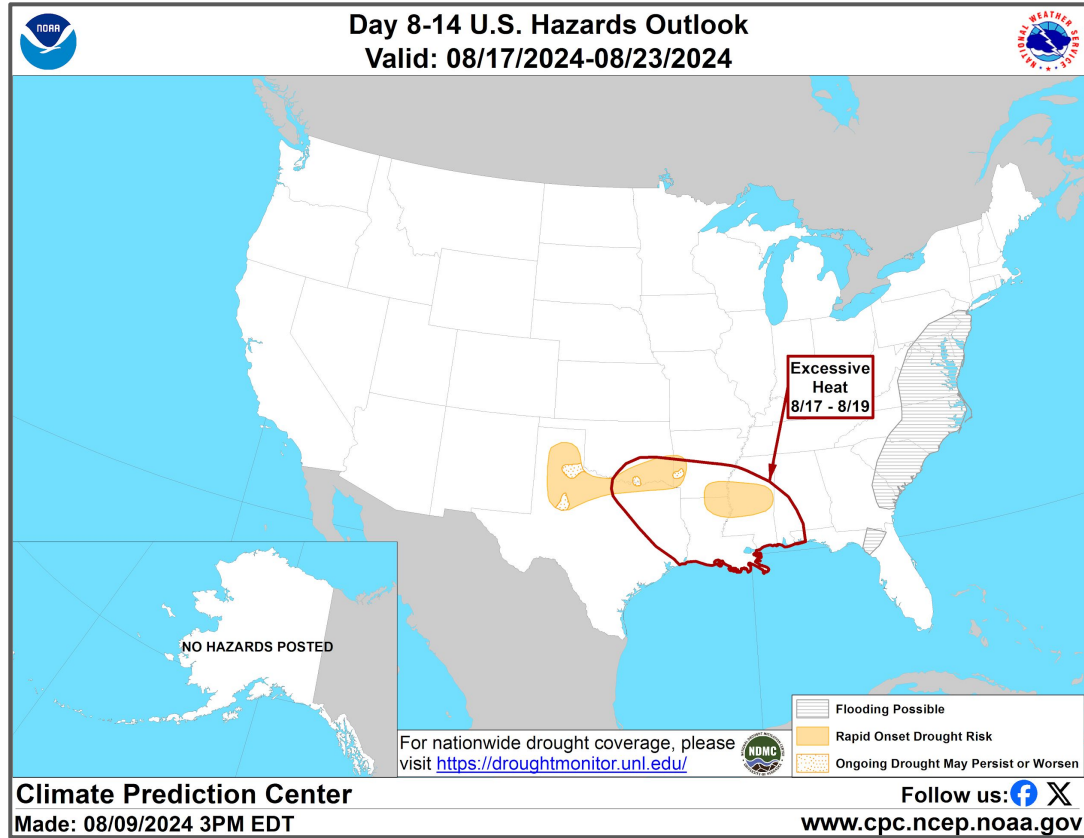
NOTE: These outlooks are issued in the afternoon and only issued on weekdays. Because of that and the fact that these slides are issued in the mornings:

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>



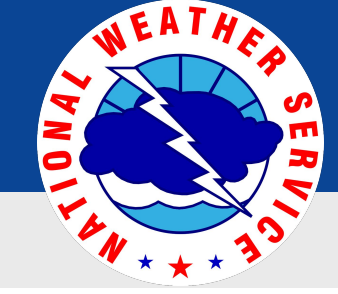
“Day 8-14” Hazards Outlook



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:

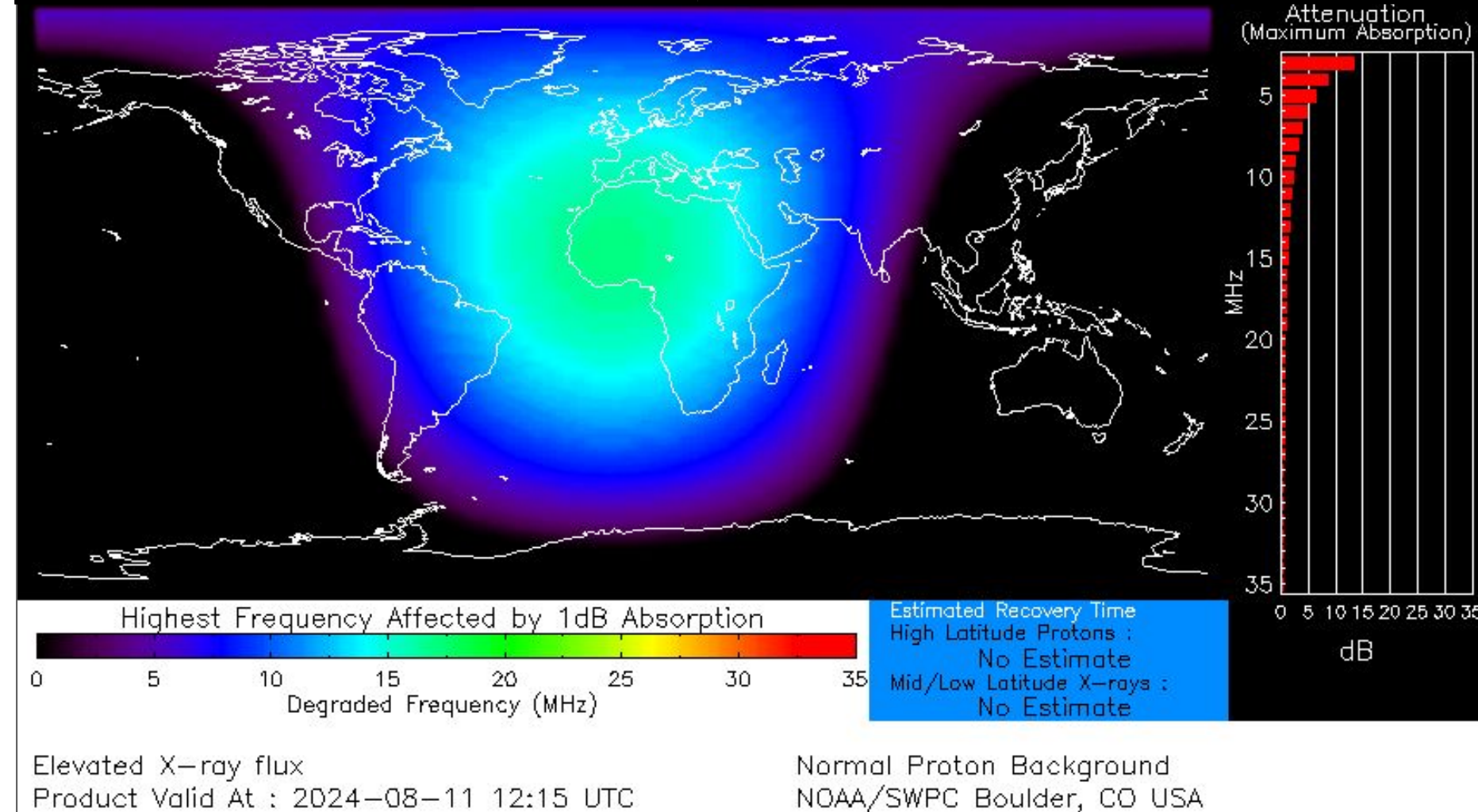
1. The “day 8-14” will really be days 7-13
2. This slide will be hidden on Mondays and Sundays so the data/information is not too old

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



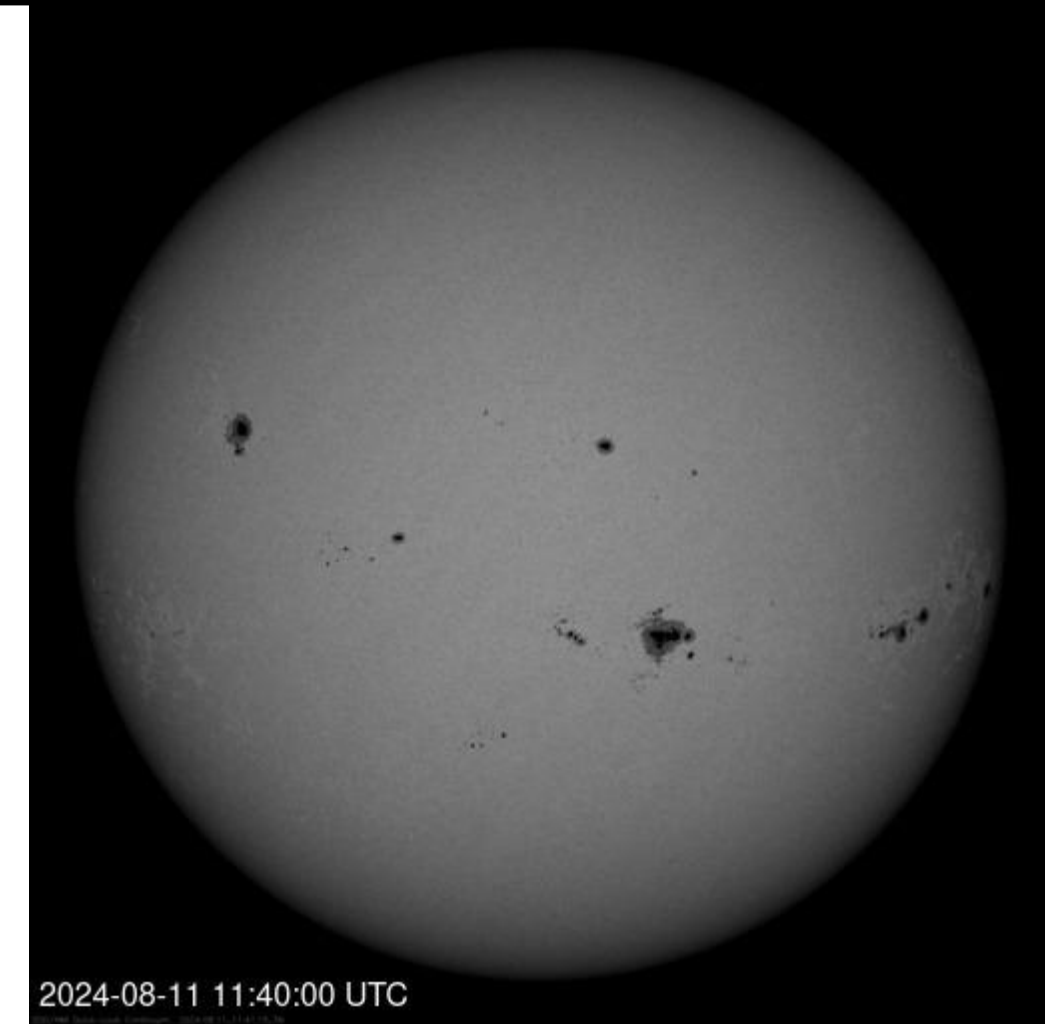
Space Weather 3-Day Forecast

| | Sunday, Aug 11 | Monday, Aug 12 | Tuesday, Aug 13 |
|--------------------------------------|-------------------------------------|-------------------------------------|--------------------------------|
| Geomagnetic Storms | Moderate G2 (Max Kp = 6) | Moderate G1 (Max Kp = 5) | Active (Max Kp = 4) |
| Solar Radiation Storm (S1-S5) | 20% | 20% | 20% |
| Radio Blackout (R1-R2) | 80% | 80% | 80% |
| 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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Southern Region Headquarters

Regional Operations Center

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Web: www.weather.gov/srh

