



# FEMA



Prepared by  
*Mark Wiley*

# FEMA Region 6 Weather Threat Briefing

## Monday, July 21, 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).



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

National Weather Service  
Southern Region



# Summary

- **Flash Flooding:**
  - **Marginal risk (level 1 of 4) over NM and W TX through Wednesday and over NE NM on Thursday.**
  - **Marginal risk (level 1 of 4) over S LA starting Wednesday expanding into SE TX on Saturday into Sunday.**
  - **Burn Scar flash flooding in NM: Moderate to major risk (levels 2-3 of 4) through Wednesday with a slight risk (level 1 of 4) on Thursday.**
- **Heat:** Heat advisories over OK, AR, LA, E/NW TX today with an excessive heat warning for heat index temperatures of 110 over portions of AR and E OK. Heat is expected to increase across the Region this week and into the weekend.
- **Tropical:** A disturbance over the Tropical South-Atlantic has a 20% of development over the next 7 days. Conditions are expected to become unfavorable for development by mid-week. No tropical impacts to FEMA 6 over the next 7 days.





# FEMA Region 6 Threat Matrix

Next 7 days

|                             | Monday, Jul 21        | Tuesday, Jul 22 | Wednesday, Jul 23 | Thursday, Jul 24  | Friday, Jul 25 | Saturday, Jul 26 | Sunday, Jul 27 |
|-----------------------------|-----------------------|-----------------|-------------------|-------------------|----------------|------------------|----------------|
| Severe Storms               |                       |                 |                   |                   |                |                  |                |
| Heavy Rain / Flash Flooding | NM, WTX, OK Panhandle | NM, WTX         | NM, WTX, SE LA    | NE NM, S LA       | S LA           | SETX, S LA       | SETX, S LA     |
| Burn Scars                  | S NM                  | NM              | NM                | NM                |                |                  |                |
|                             | N NM                  |                 |                   |                   |                |                  |                |
| Tropical                    |                       |                 |                   |                   |                |                  |                |
| Heat                        | ETX, AR, LA, OK       | OK, AR, LA      | OK, AR, LA        | E OK, ETX, LA, AR | OK, AR, LA, TX | Most of FEMA 6   | Most of FEMA 6 |
| 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 |
|-------------|----------------|-------|----------|-------|---------|







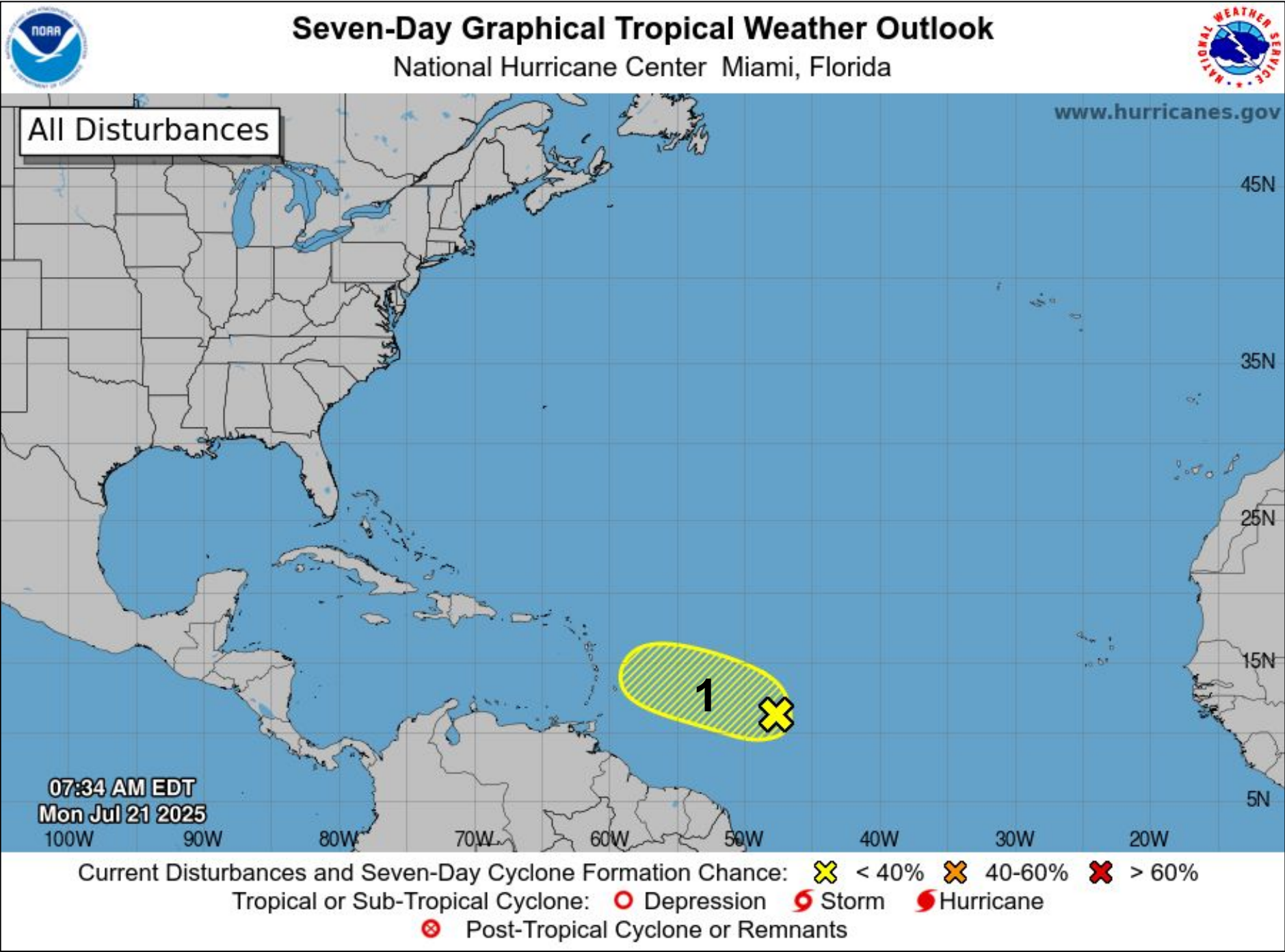
# Tropical Weather Outlook – Atlantic/Gulf

Areas of Possible Development

| Area | Chance of Development | Potential Impacts to FEMA 6 |
|------|-----------------------|-----------------------------|
| 1    | Low                   | None expected.              |

Active Tropical Cyclones

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



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

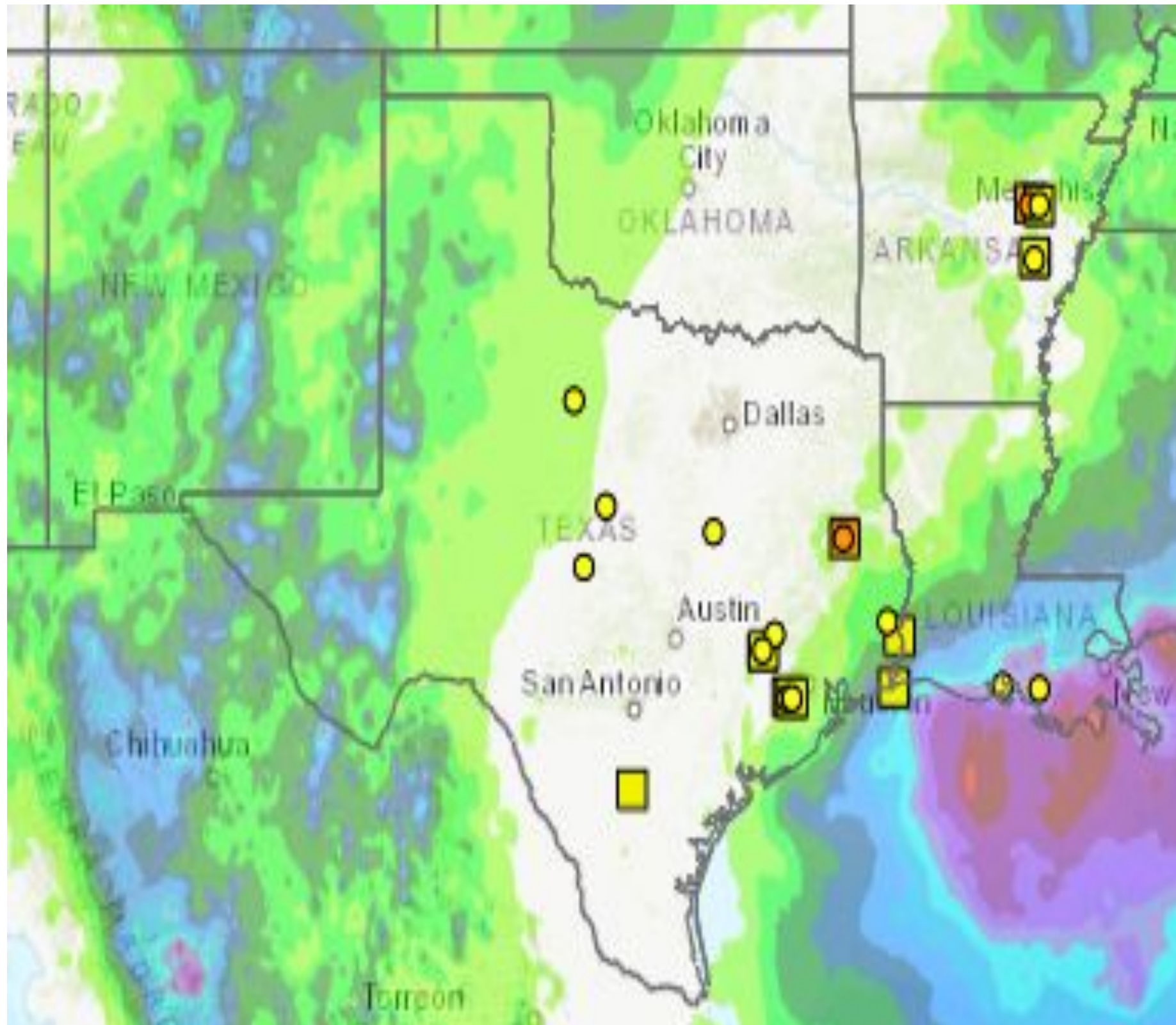
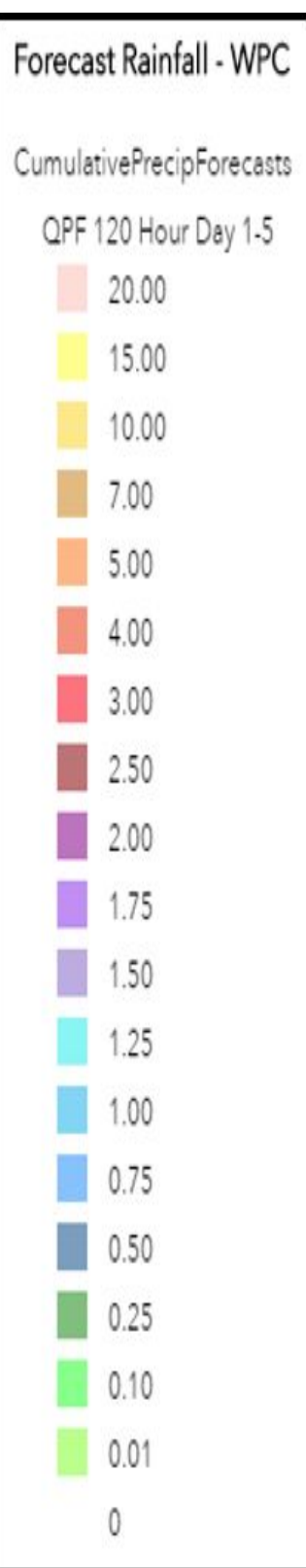






# 5-Day Precipitation Forecast & River Flood Status

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



**Isolated minor river flooding in E TX, E AR continues for a few more days. Rural secondary crossings, roadways, and croplands will be flooded.**

*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.*

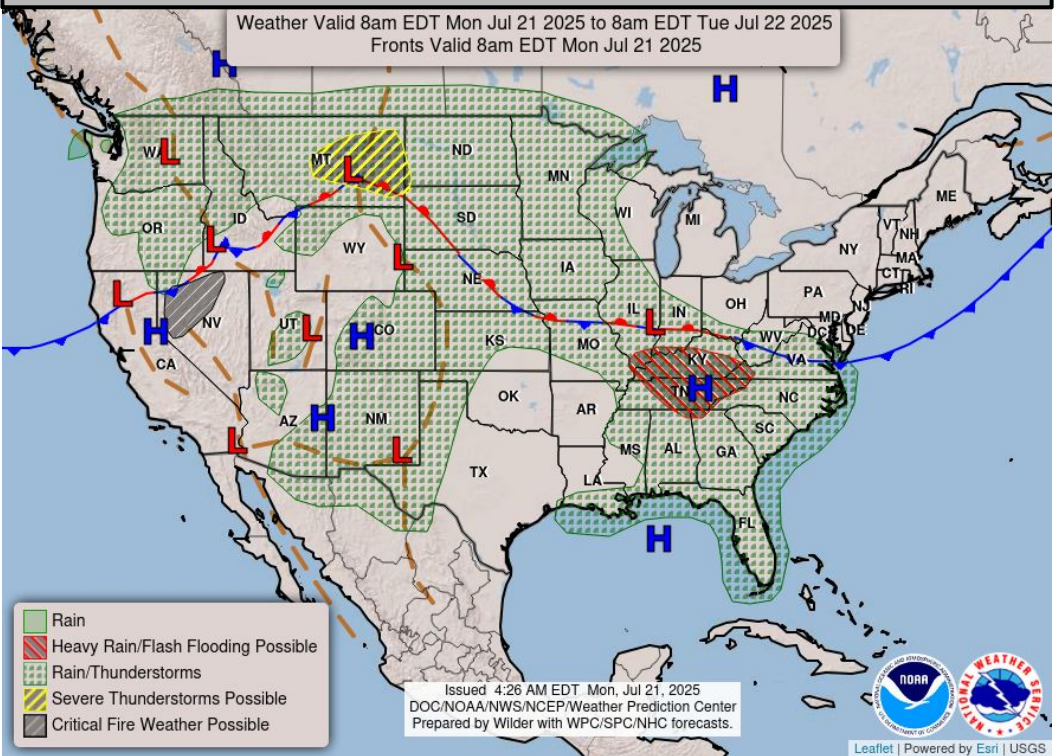




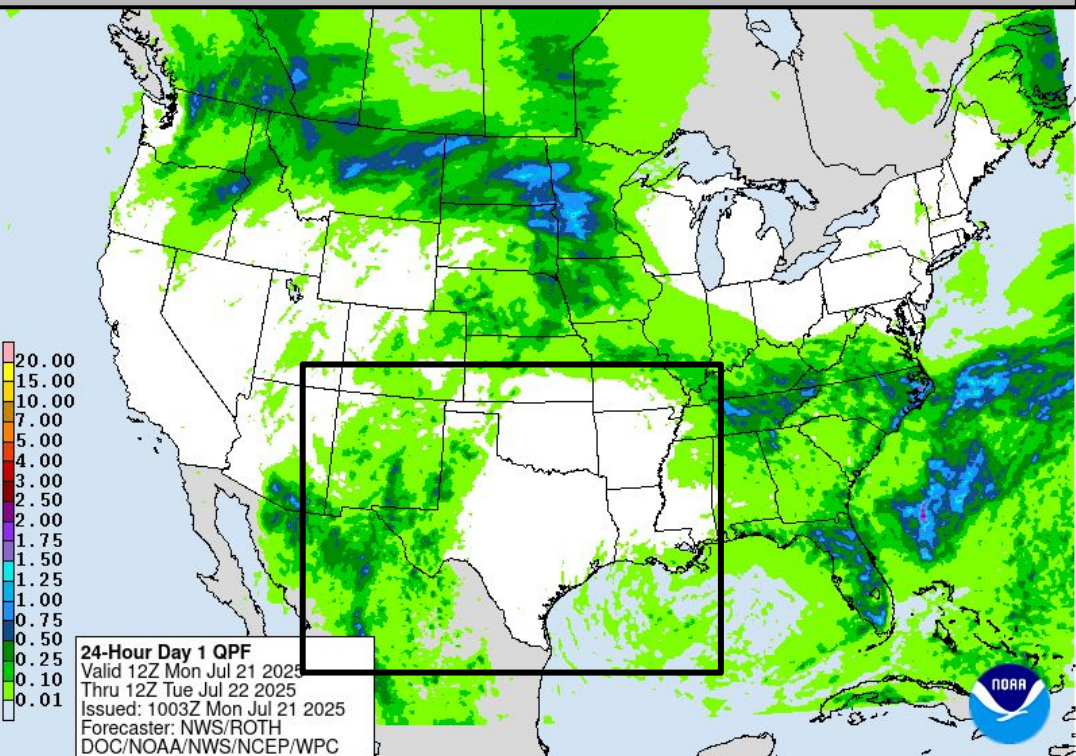


# Today's Weather

## Forecast Chart



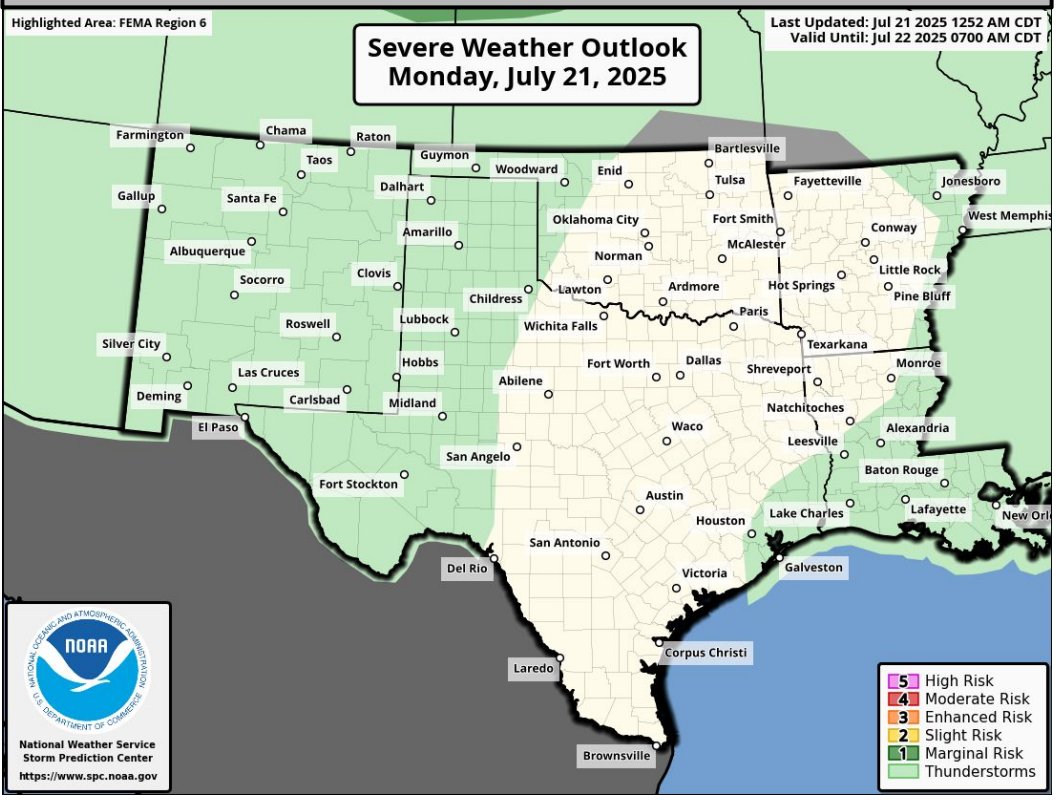
## Forecast Rainfall



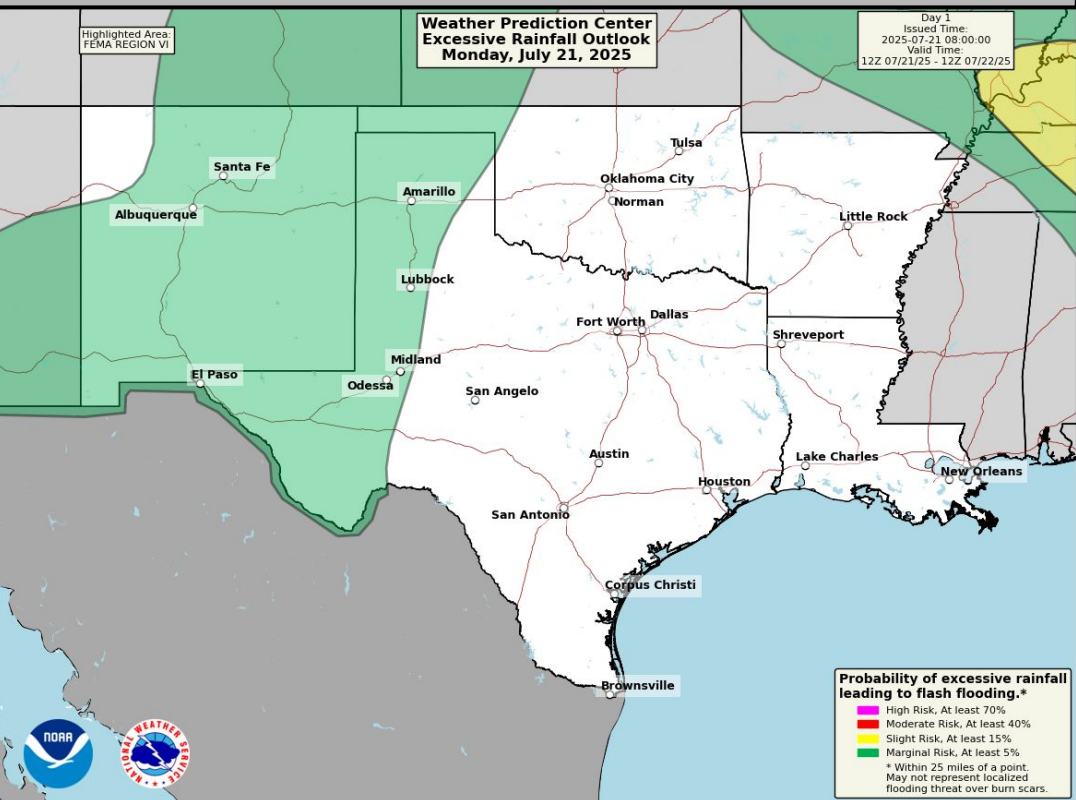
Afternoon highs feeling like 105-110 F in ETX,AR,LA and OK.

Marginal risk (level 1 of 4) for flash flooding in NM,WTX,W OK.

## Severe Weather Outlook



## Excessive Rainfall Outlook

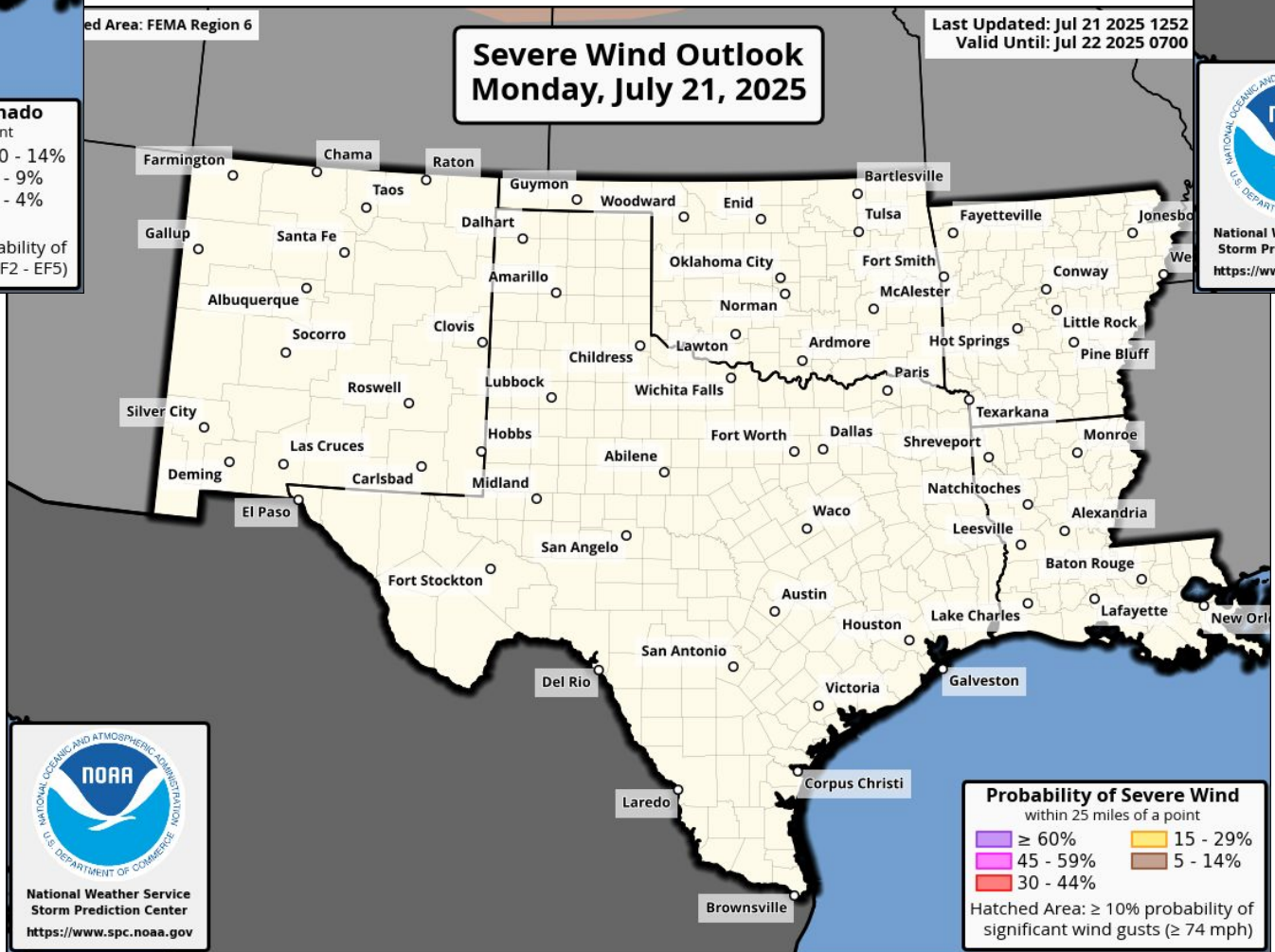
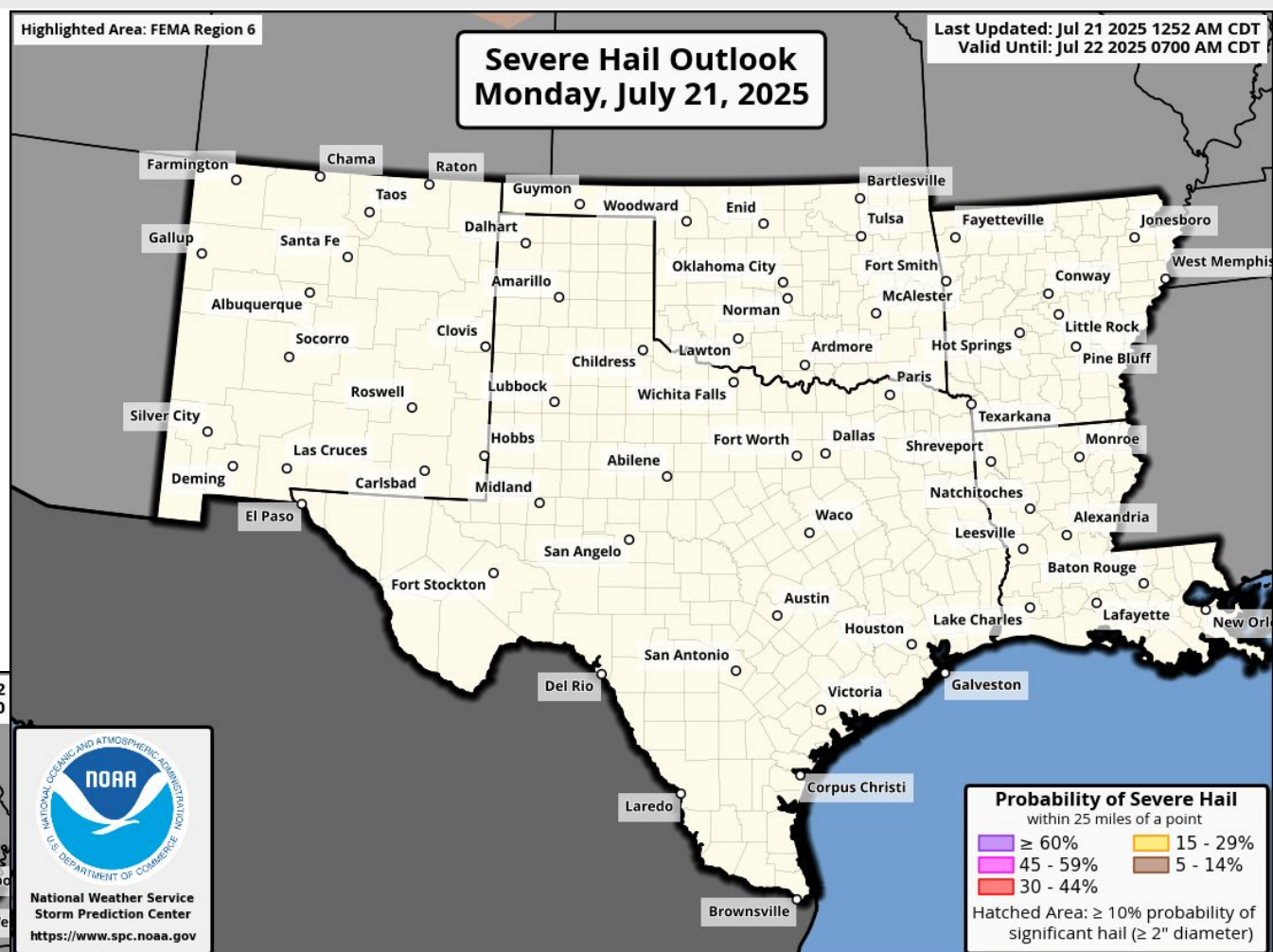
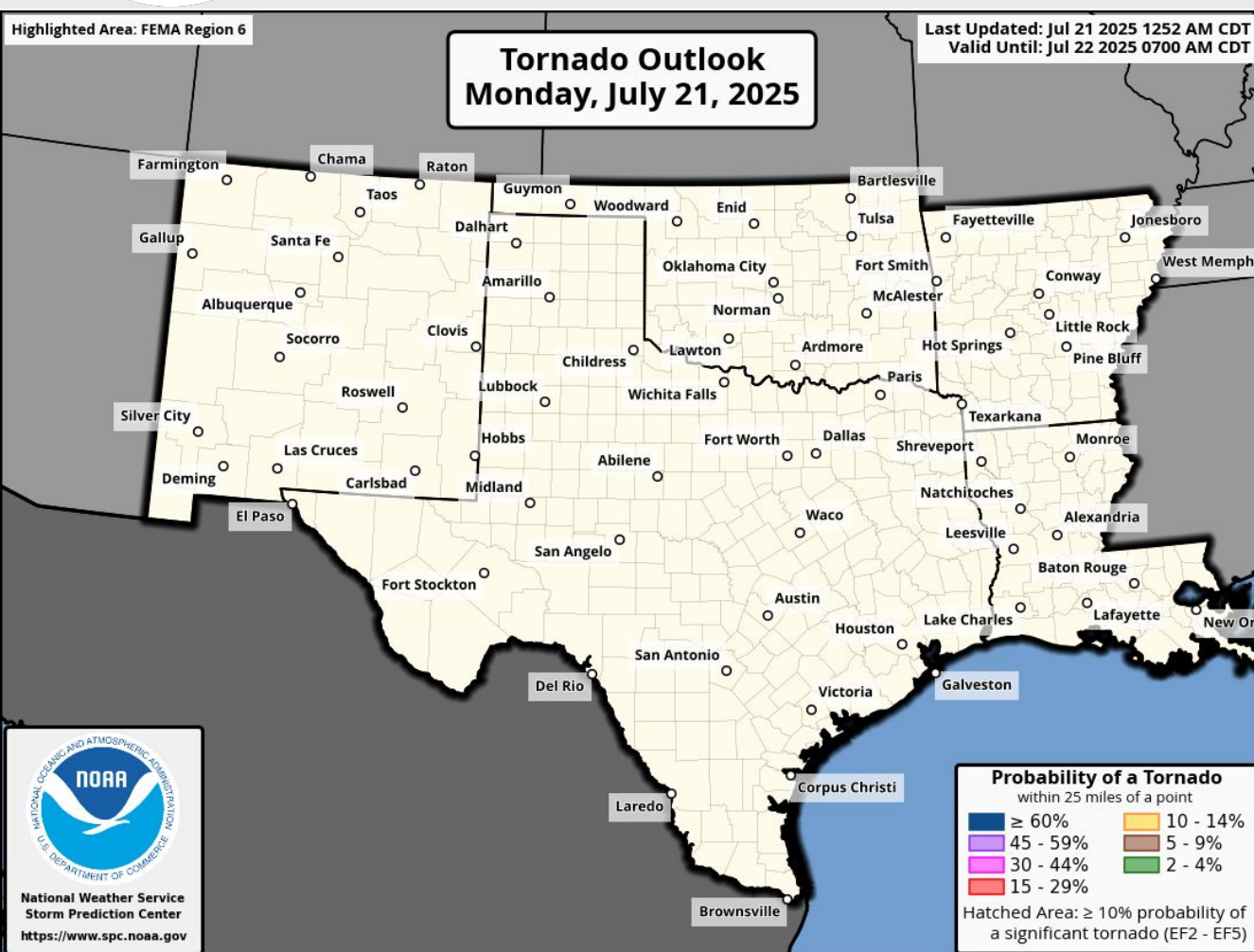


*\*Burn Scar Flash Flooding information on Burn Scar Matrix slides\**





# Today's Tornado & Severe Wind / Hail Probabilities

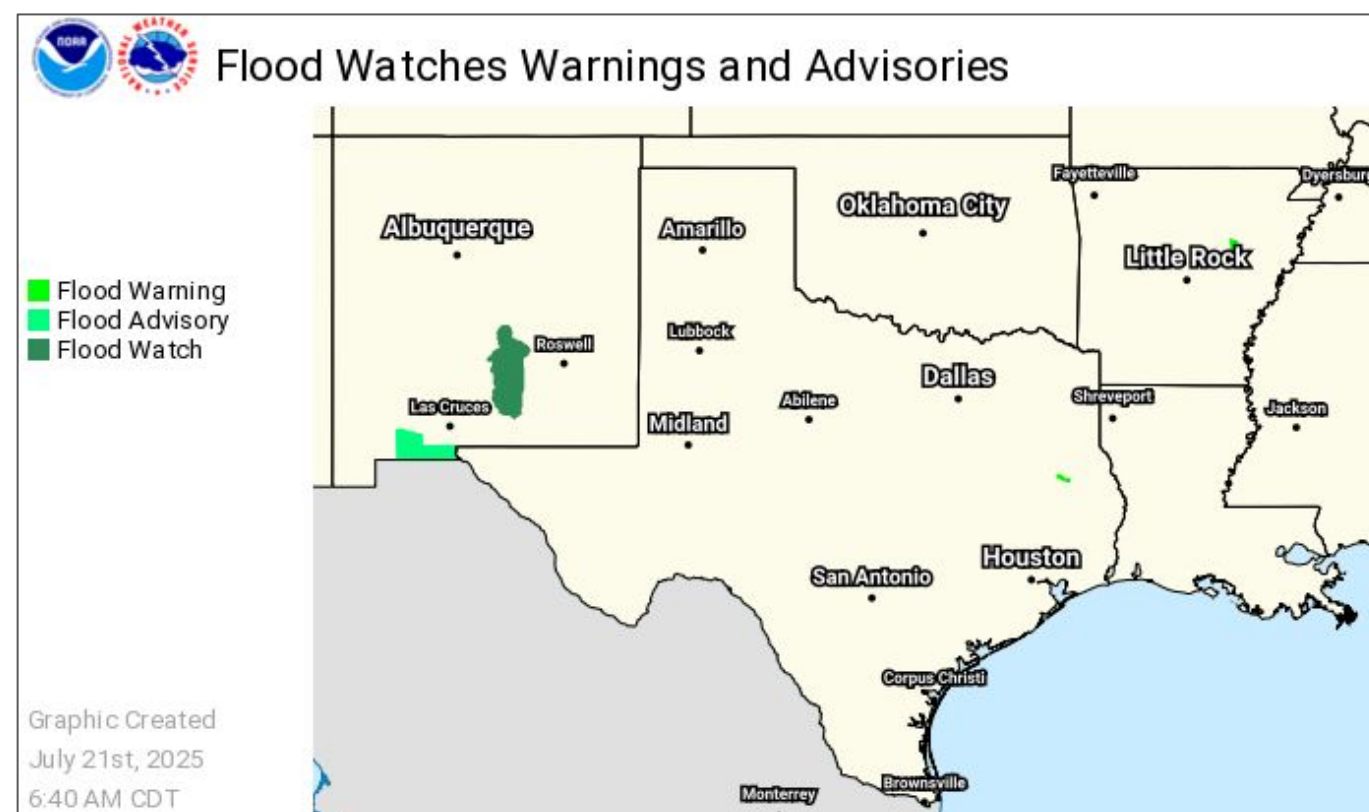
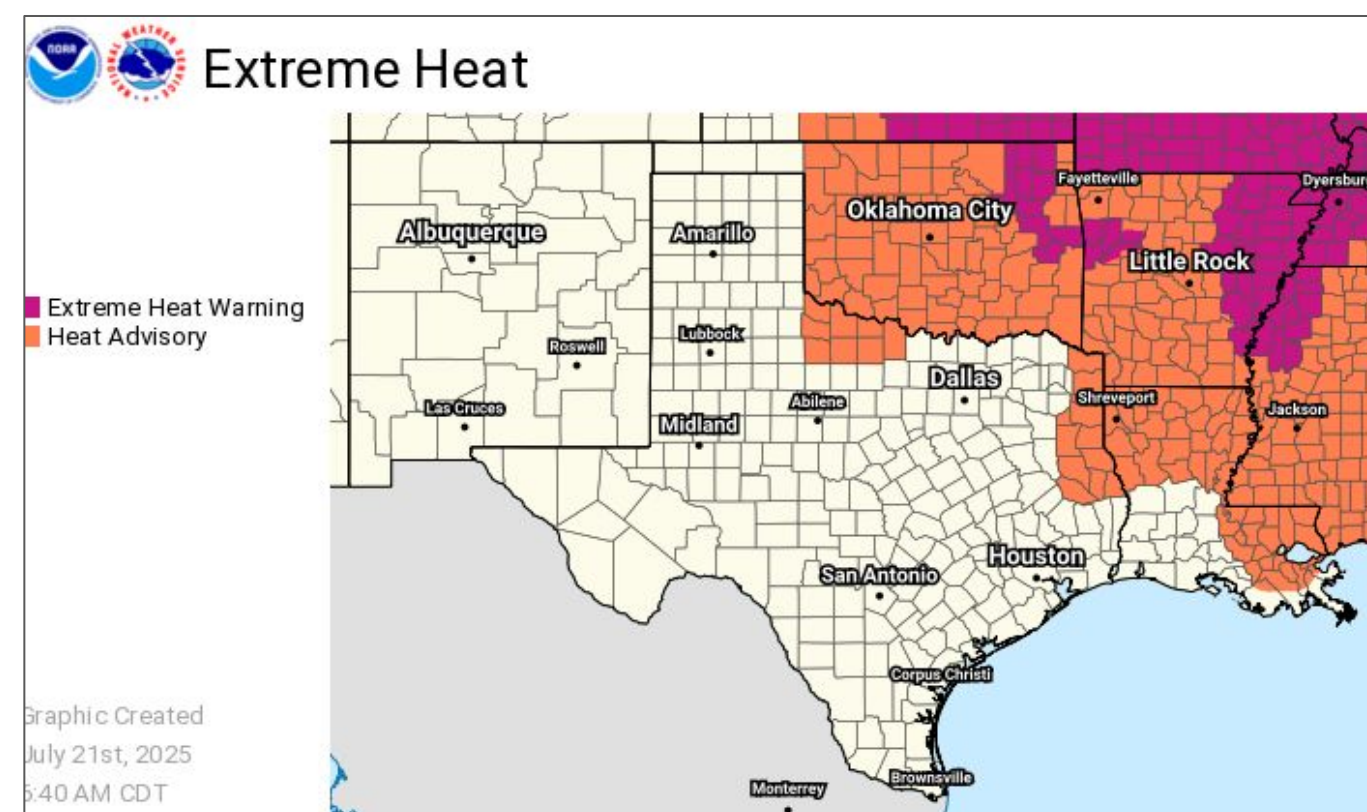
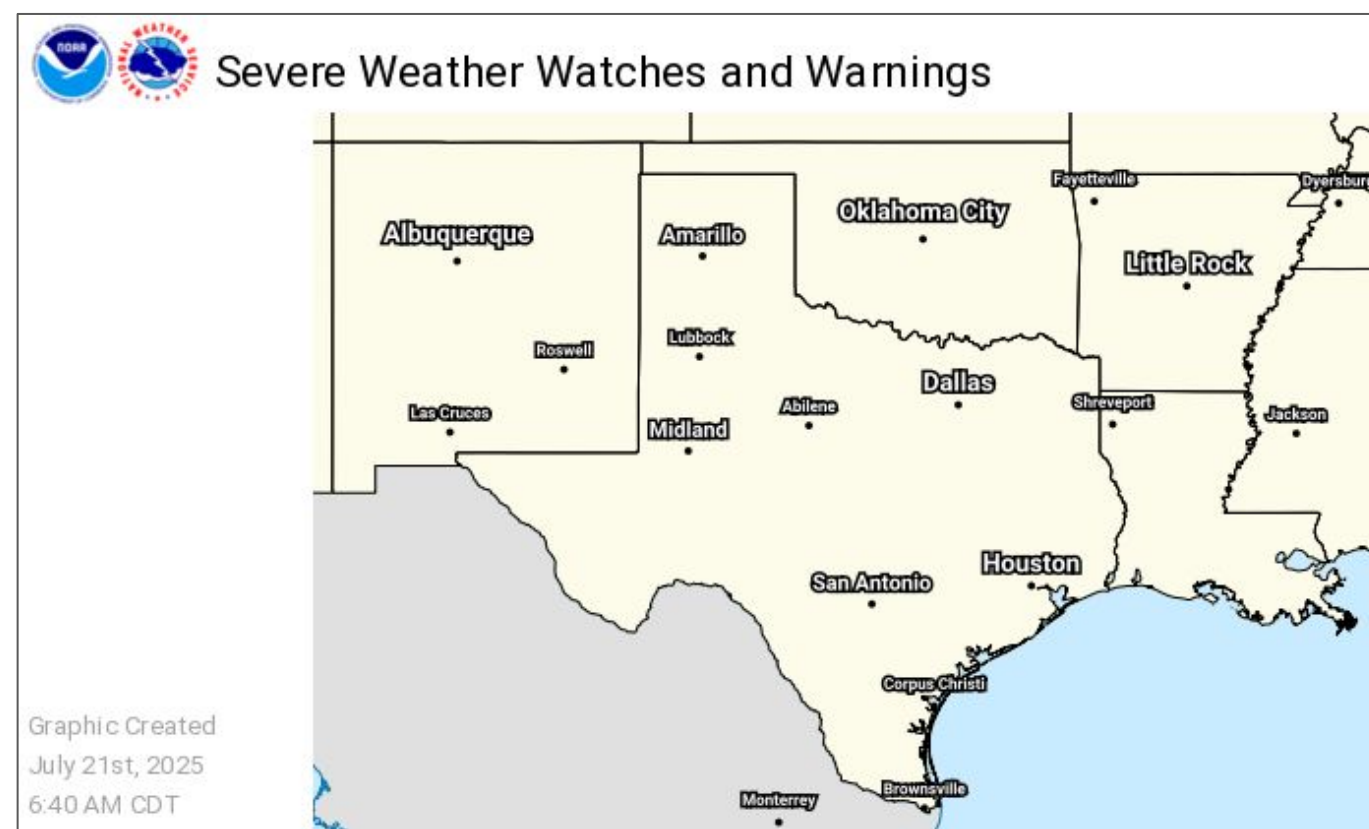






# Watches, Warnings, and Advisories

Wind, Severe, Heat, and Flood Hazards



**Heat Advisories for OK, LA, E/NW TX and AR today. Temps feel as hot as 105-110 F. Extreme Heat Warnings in portions of AR and E OK.**

**Flood watch today in S NM including the Ruidoso area burn scars. Peak rainfall intensity is expected between 2pm-5pm.**



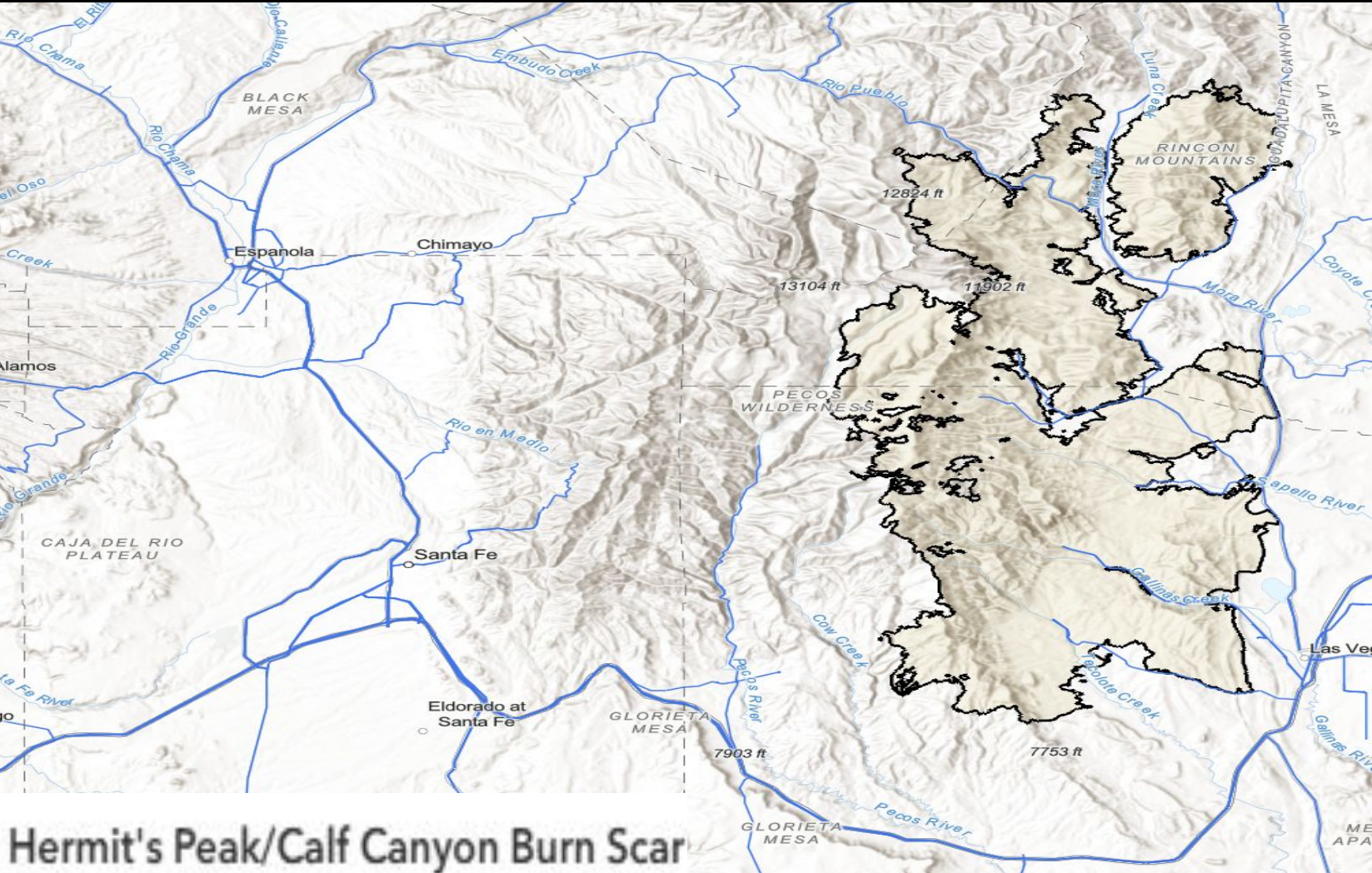




# Burn Scar Debris Flow Risk - HPCC Scars New Mexico

## Hermit's Peak/Calf Canyon Burn Scar

|                | Monday, Jul 21 | Tuesday, Jul 22 | Wednesday, Jul 23 | Thursday, Jul 24  |
|----------------|----------------|-----------------|-------------------|-------------------|
| Flash Flooding | Moderate       | Major           | Moderate          | Low               |
| Timing - CDT   | 1-10 pm        | 1-10 pm         | 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"><li>WPC's Excessive Rainfall Outlook is <i>Not Applicable</i> to burn scars.</li></ul> |  |



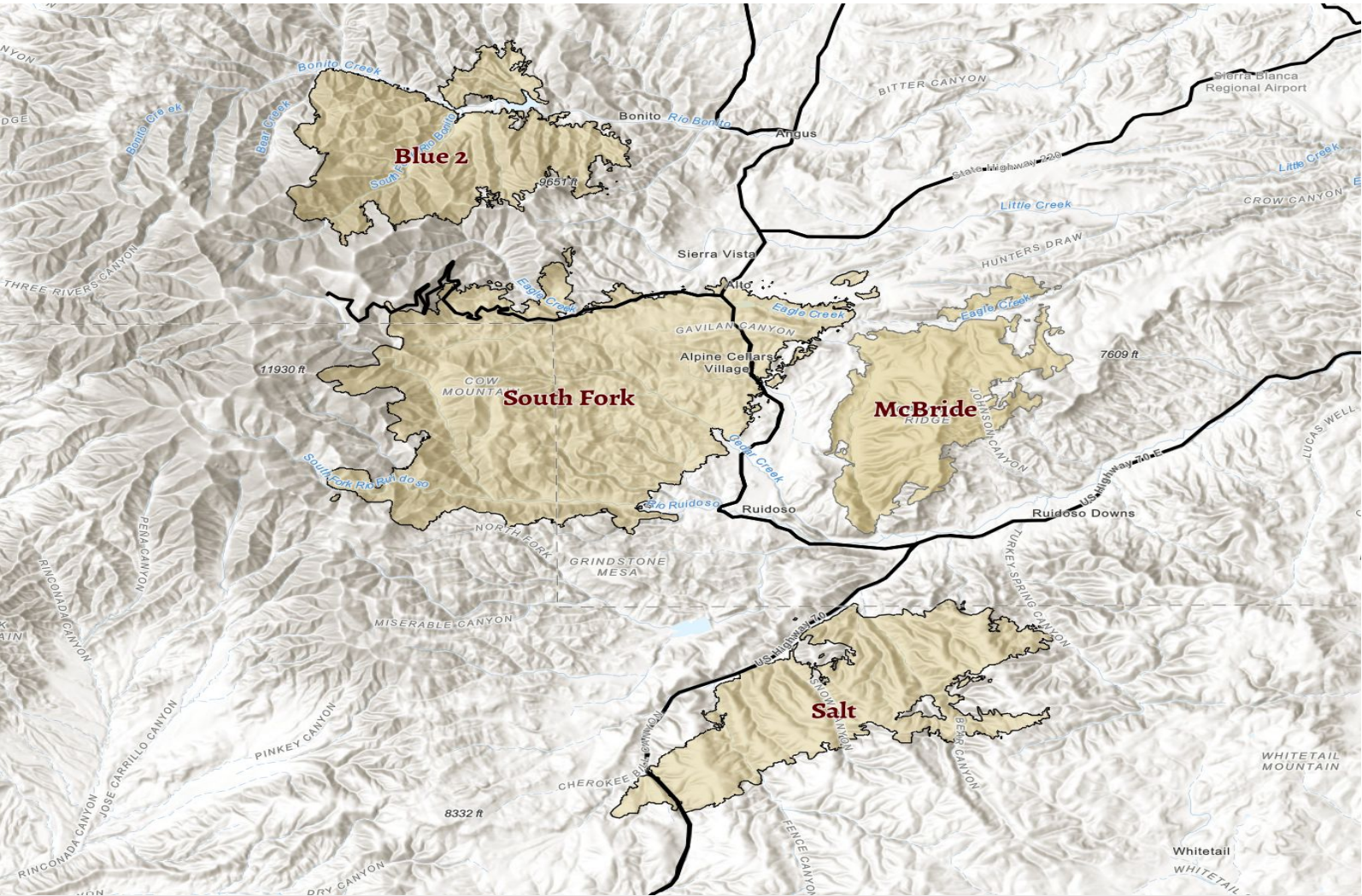




# Burn Scar Debris Flow Risk - Ruidoso, New Mexico

## Sacramento Complex

|                | Monday, Jul 21 | Tuesday, Jul 22 | Wednesday, Jul 23 | Thursday, Jul 24  |
|----------------|----------------|-----------------|-------------------|-------------------|
| Flash Flooding | Major          | Major           | Moderate          | Low               |
| Timing - CDT   | 1-10pm         | 1-10pm          | Afternoon/Evening | Afternoon/Evening |



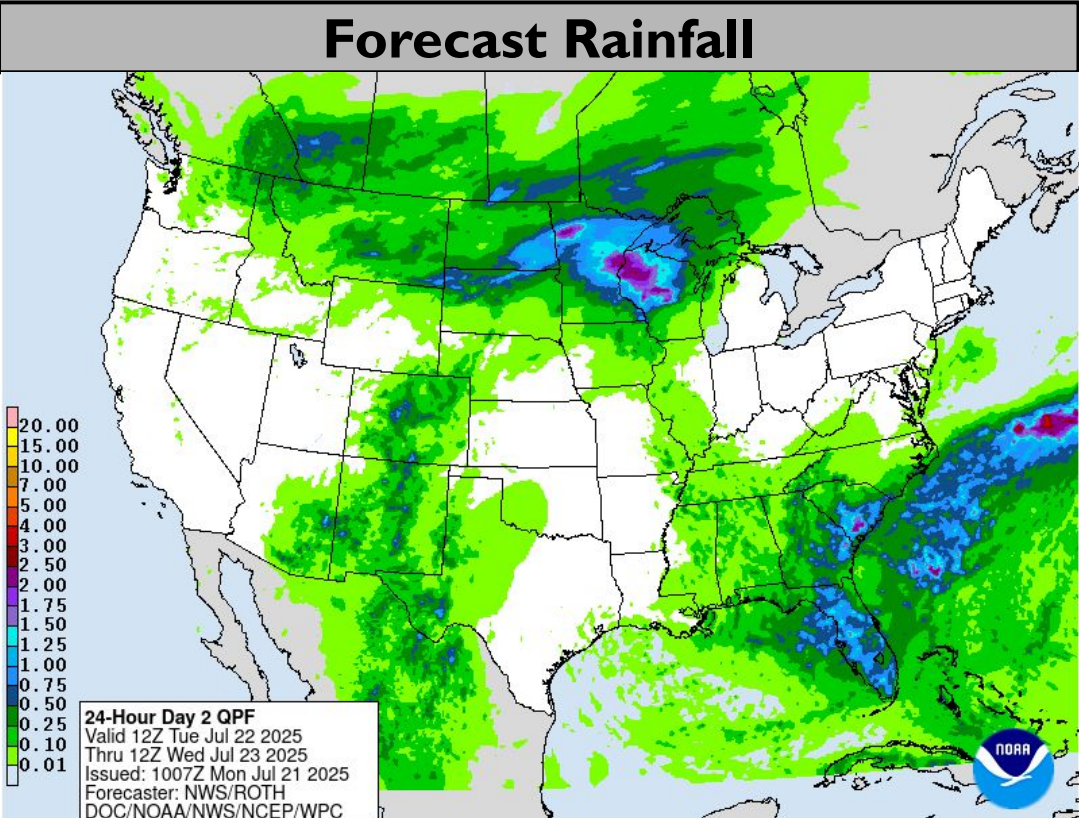
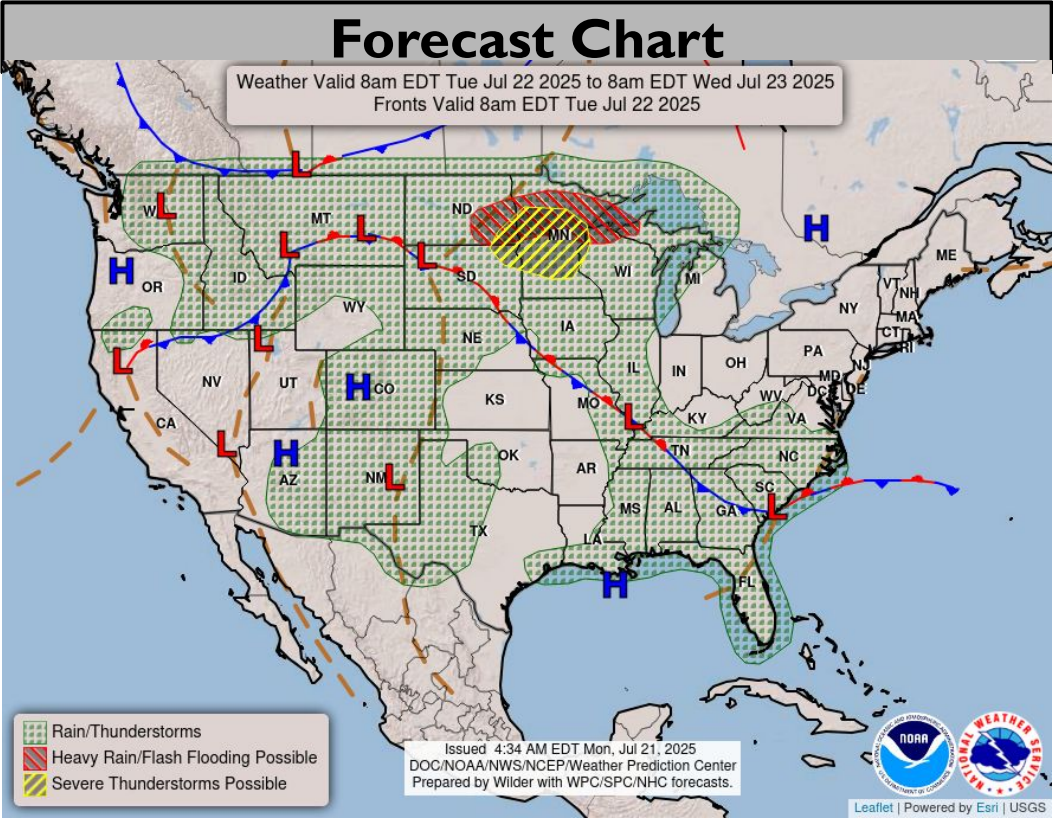
|   |  |
|---|--|
| Little to None  | No Flash Flood Threat                                      |
| Minor (level 1 of 4)  | Slight Risk of Flash Flooding                              |
| Moderate (level 2 of 4)   | Probability of Flash Flooding Issuance 40% to 60%          |
| Major (level 3 of 4)  | 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"><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> |  |





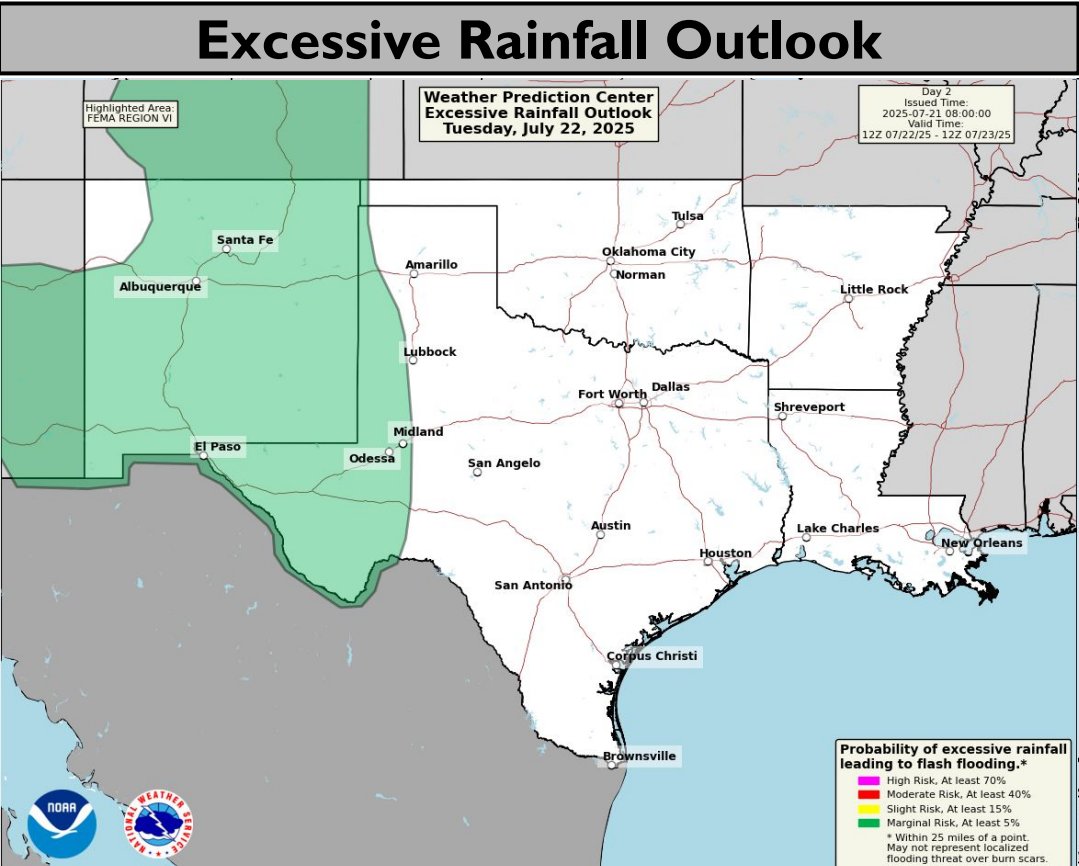
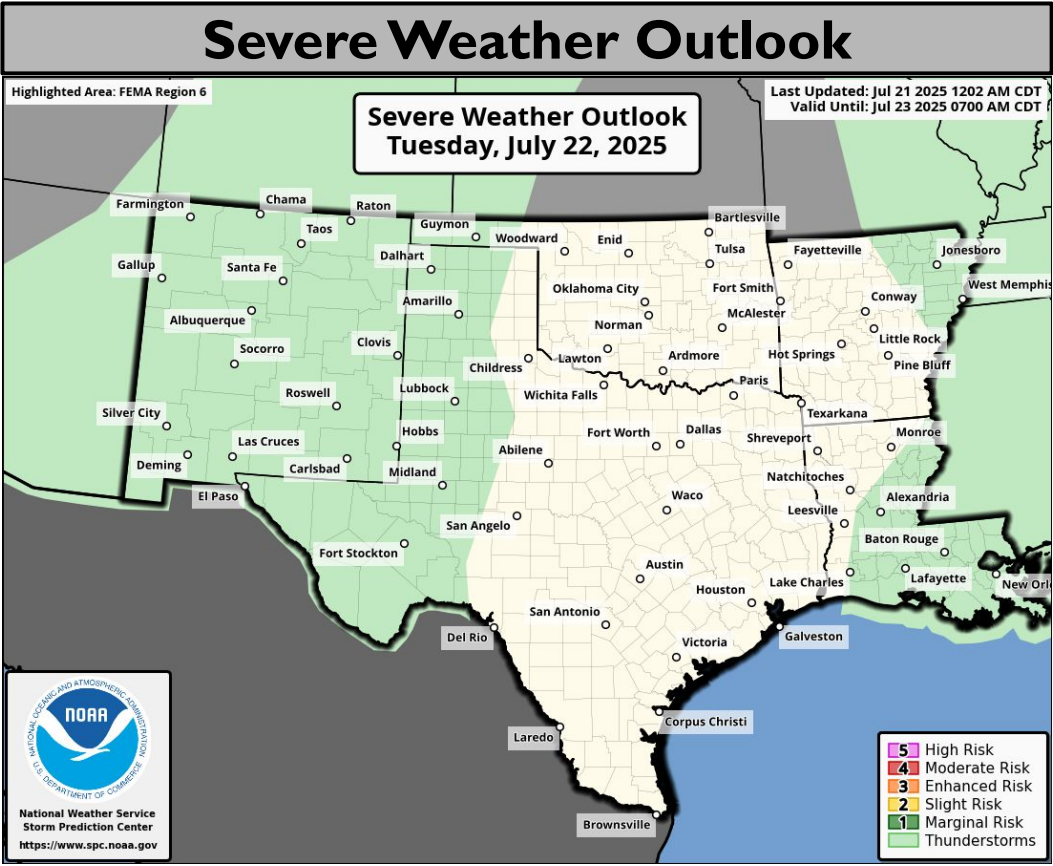


# Tomorrow's Weather



**Afternoon highs feeling like 105-110 F in parts of AR, LA and OK.**

**Marginal risk (level 1 of 4) for flash flooding in NM and WTX.**



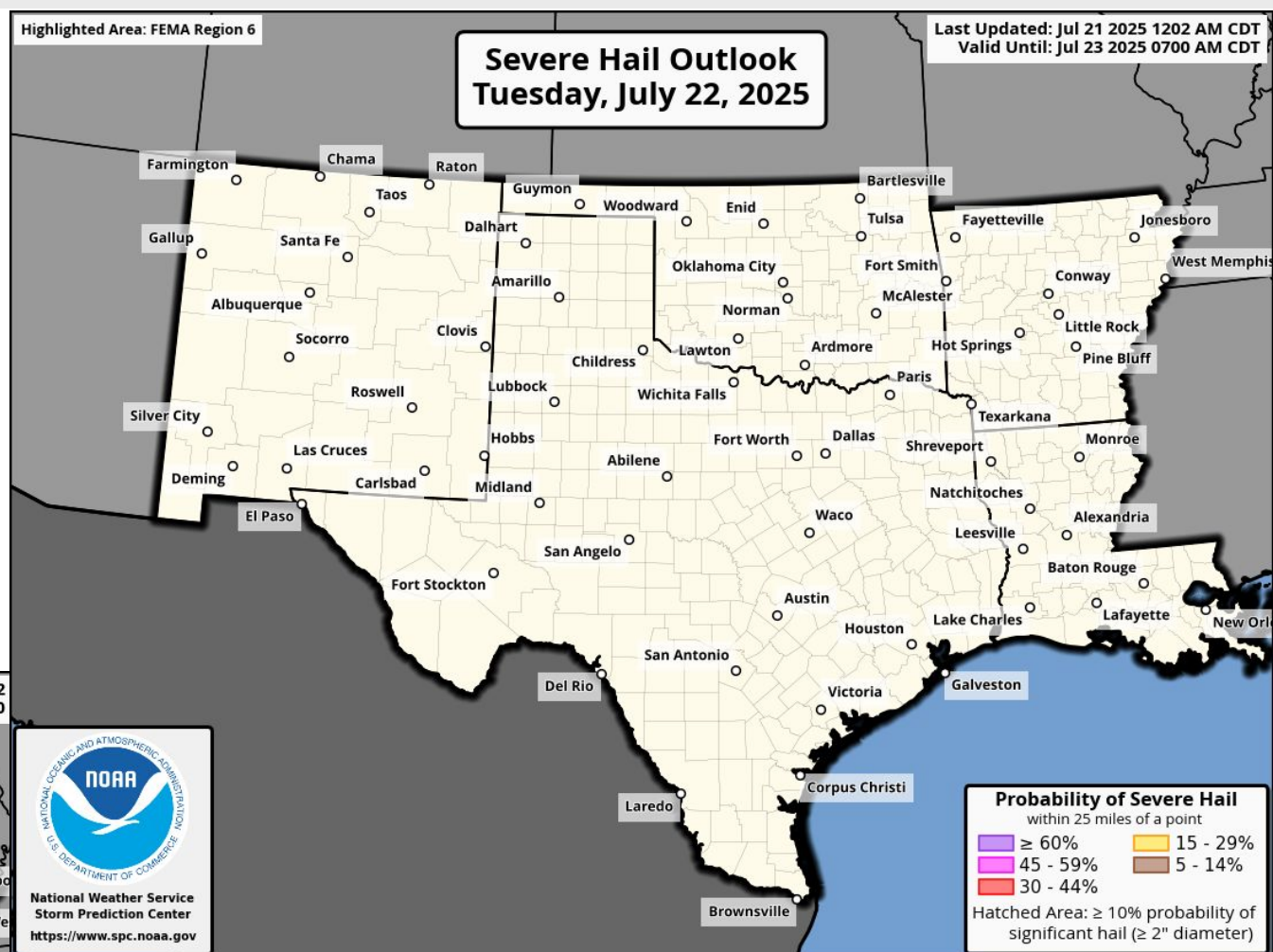
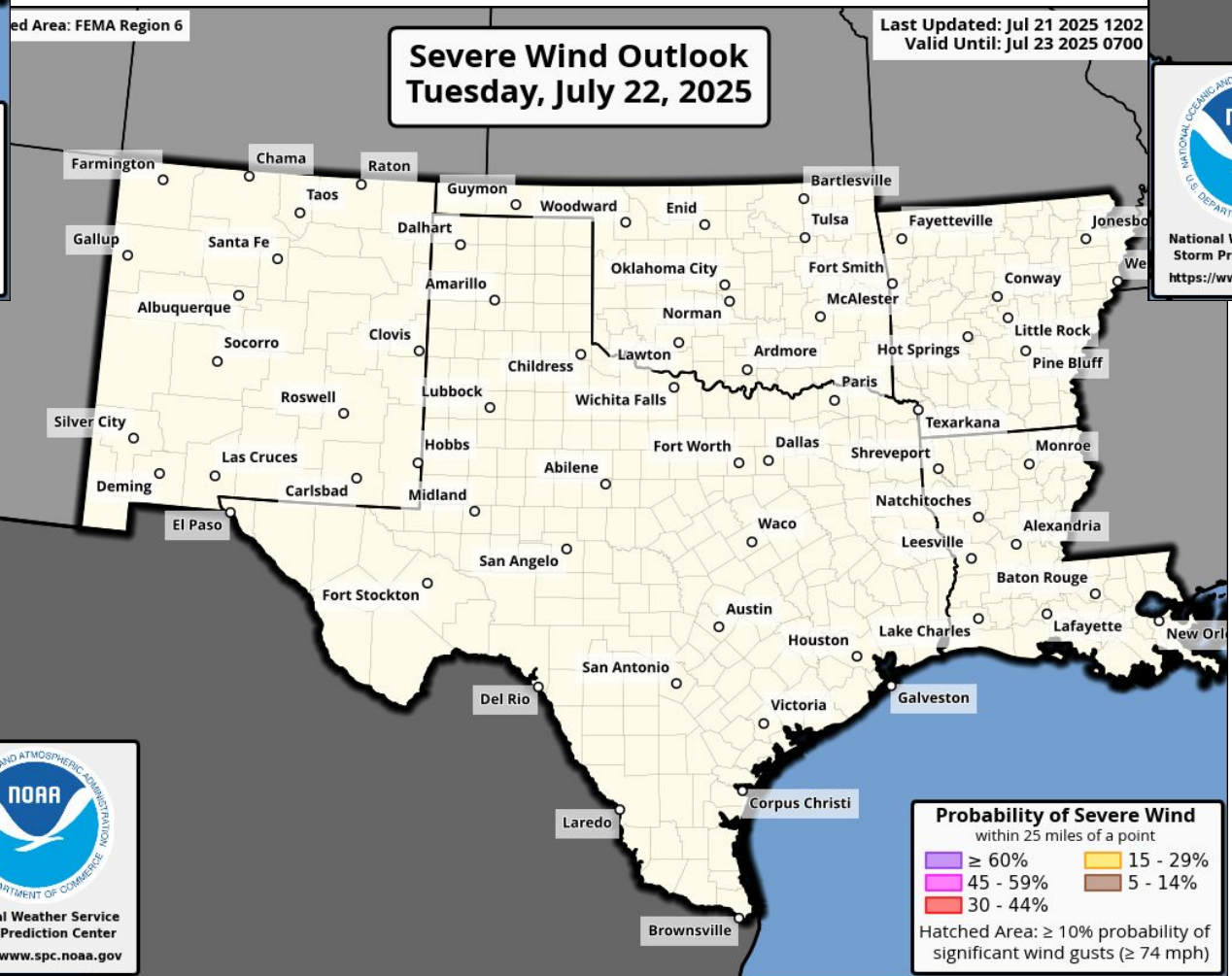
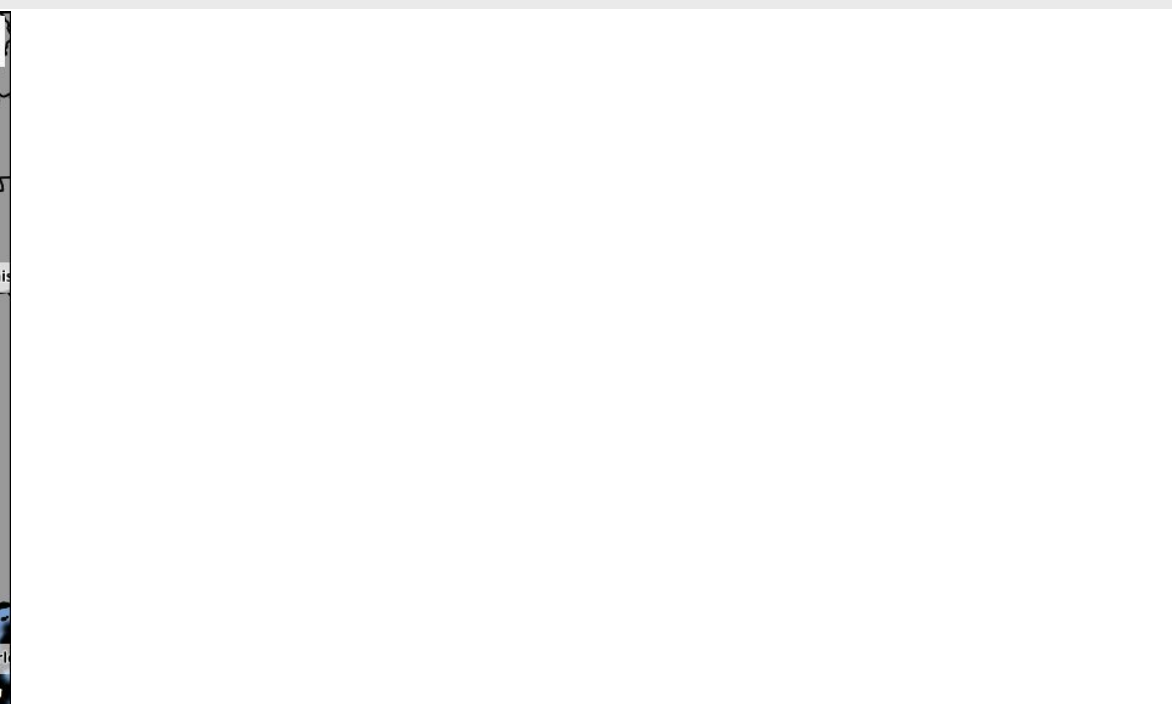
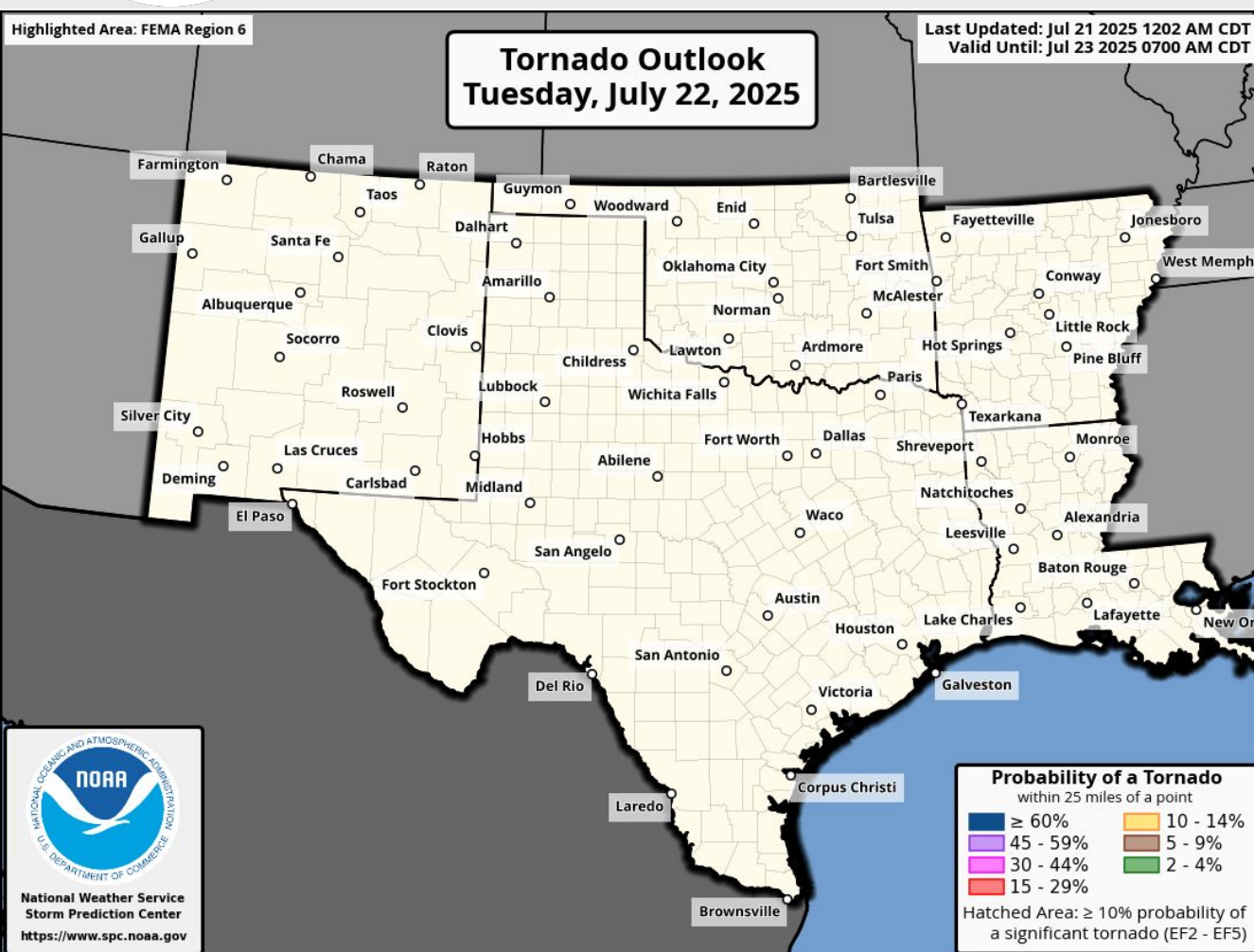
**\*Burn Scar Flash Flooding information on Burn Scar Matrix slides\***







# Tomorrow's Tornado & Severe Wind / Hail Probabilities

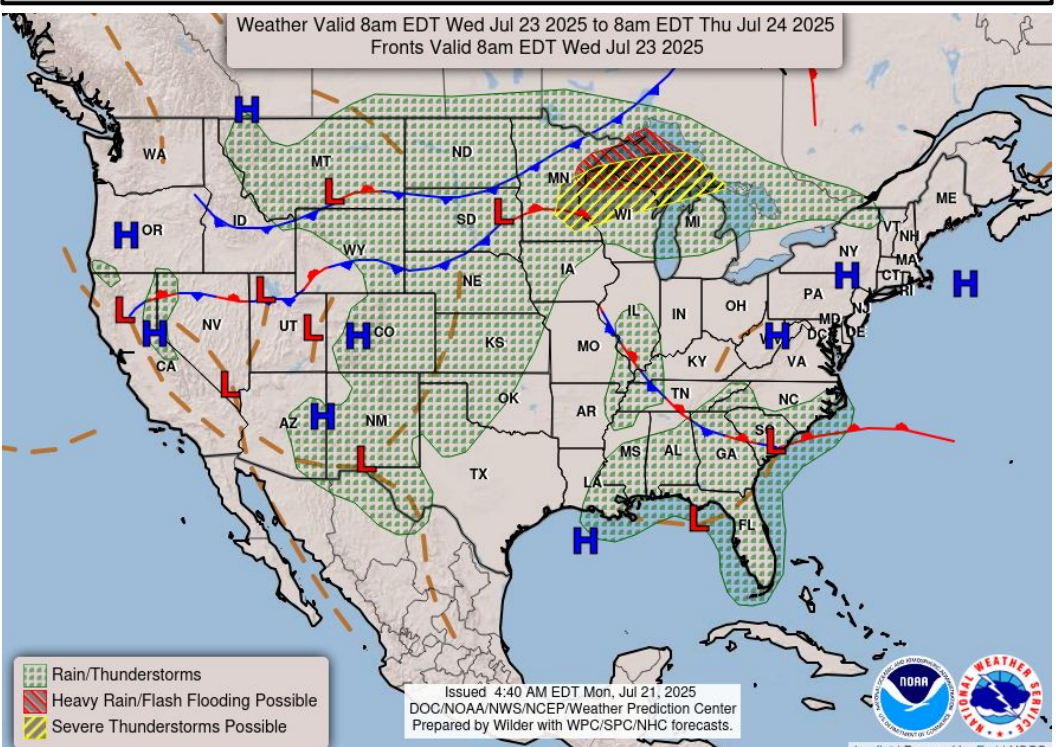




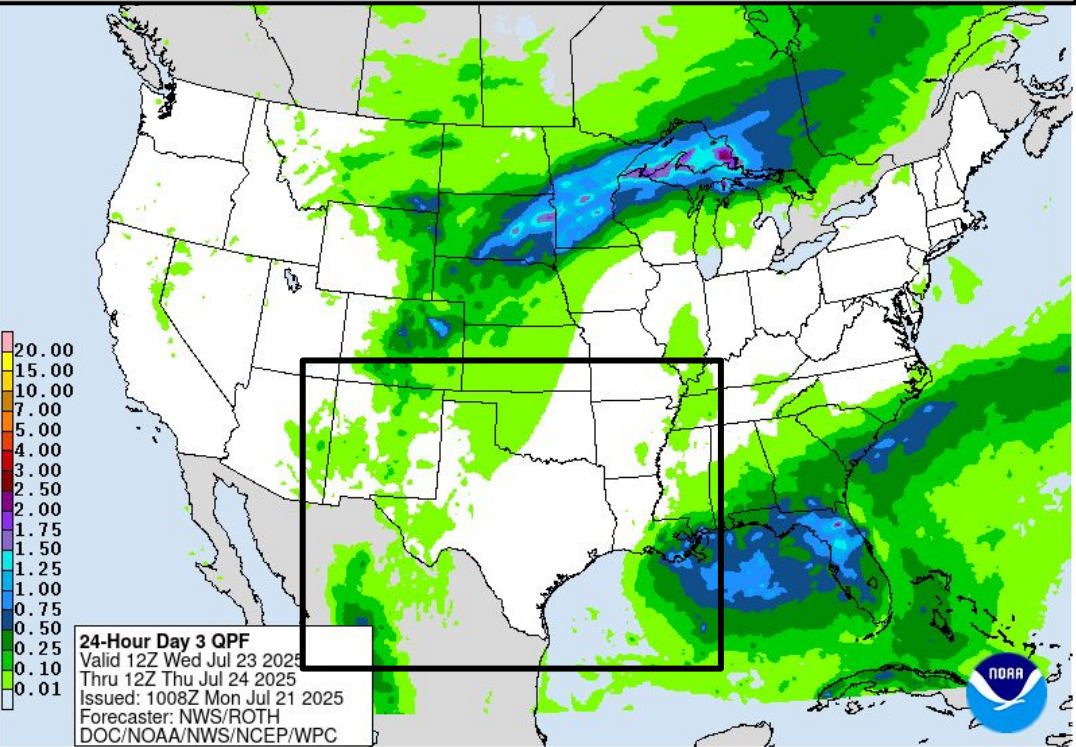


# Wednesday's Weather

## Forecast Chart



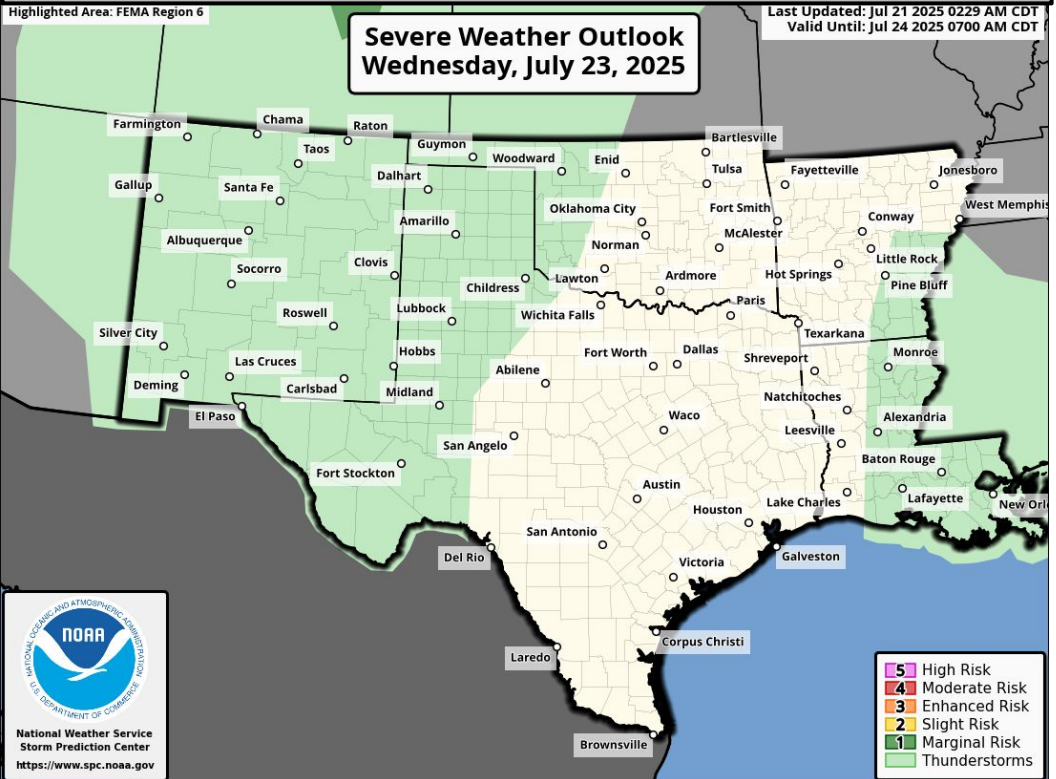
## Forecast Rainfall



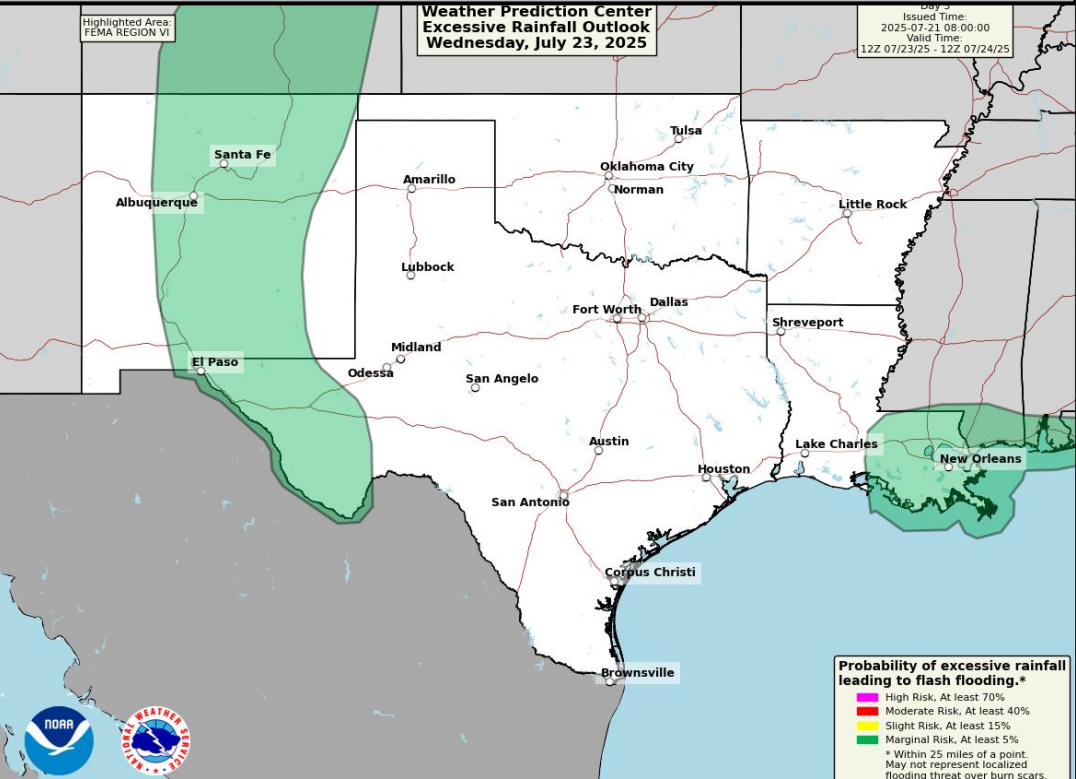
Afternoon highs feeling like 105-110 F in parts of OK, AR, LA.

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

## Severe Weather Outlook



## Excessive Rainfall Outlook



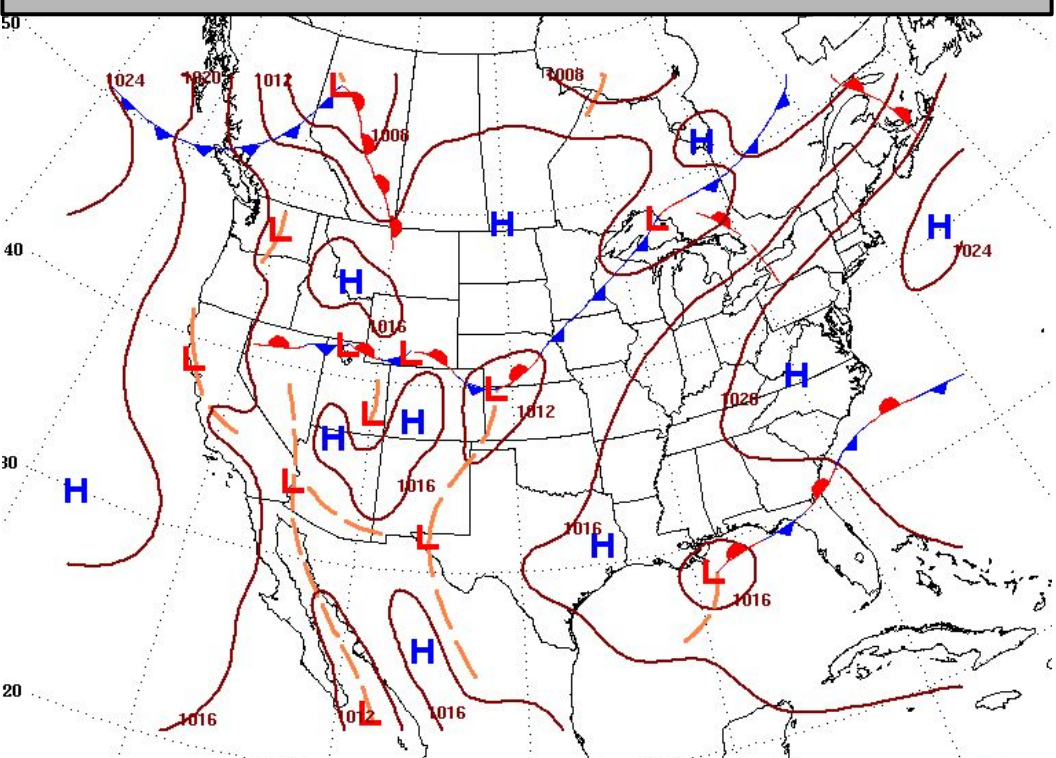
*\*Burn Scar Flash Flooding information on Burn Scar Matrix slides\**



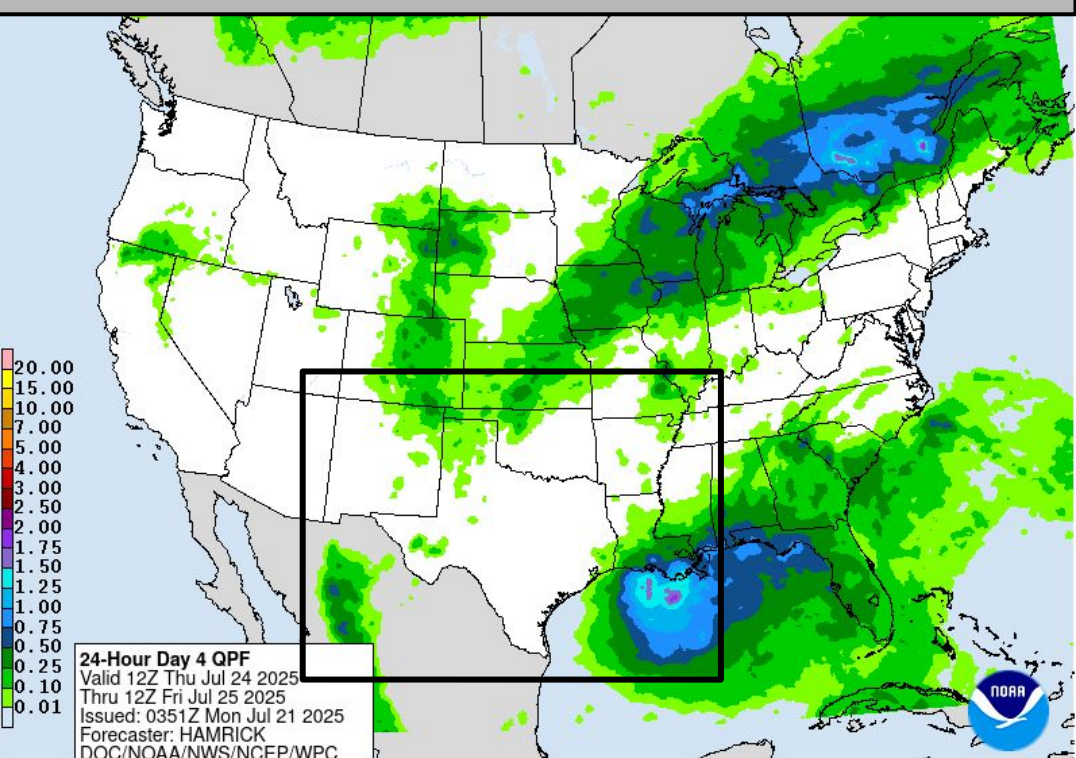


# Thursday's Weather

Forecast Chart



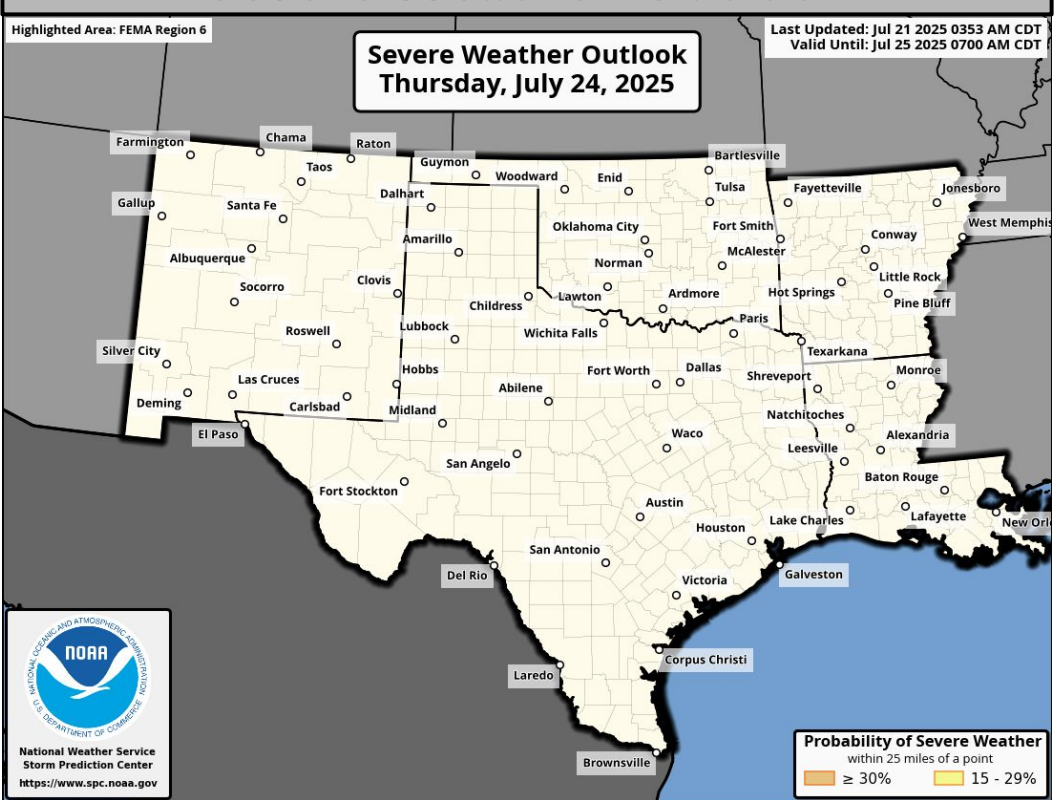
Forecast Rainfall



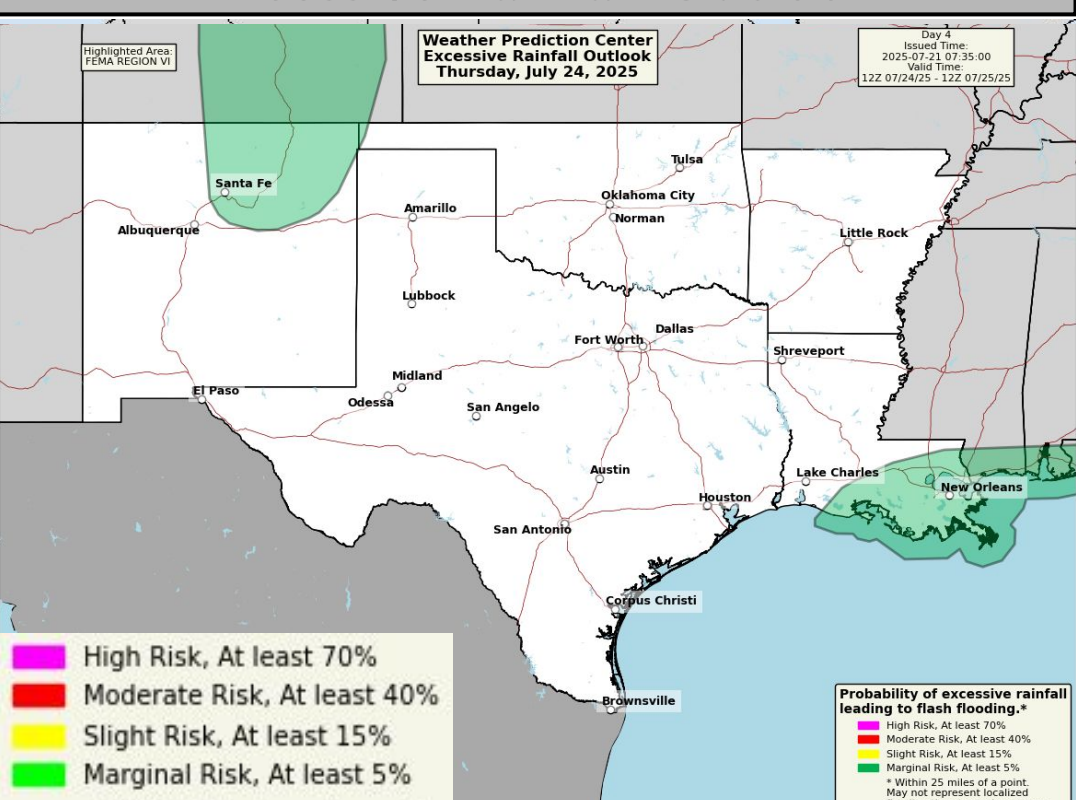
Afternoon highs feeling like  
105-110 F in E OK, ETX, AR, LA.

Marginal risk (level 1 of 4) for flash  
flooding in NE NM and S LA.

Severe Weather Outlook



Excessive Rainfall Outlook



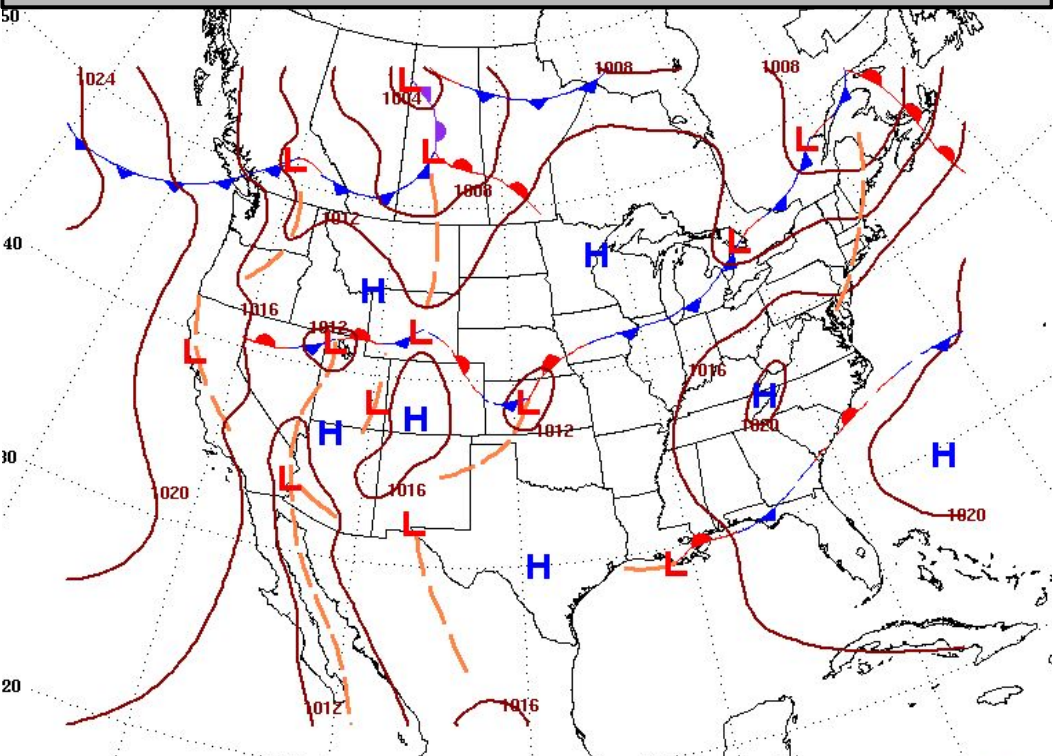
*\*Burn Scar Flash Flooding information on  
Burn Scar Matrix slides\**



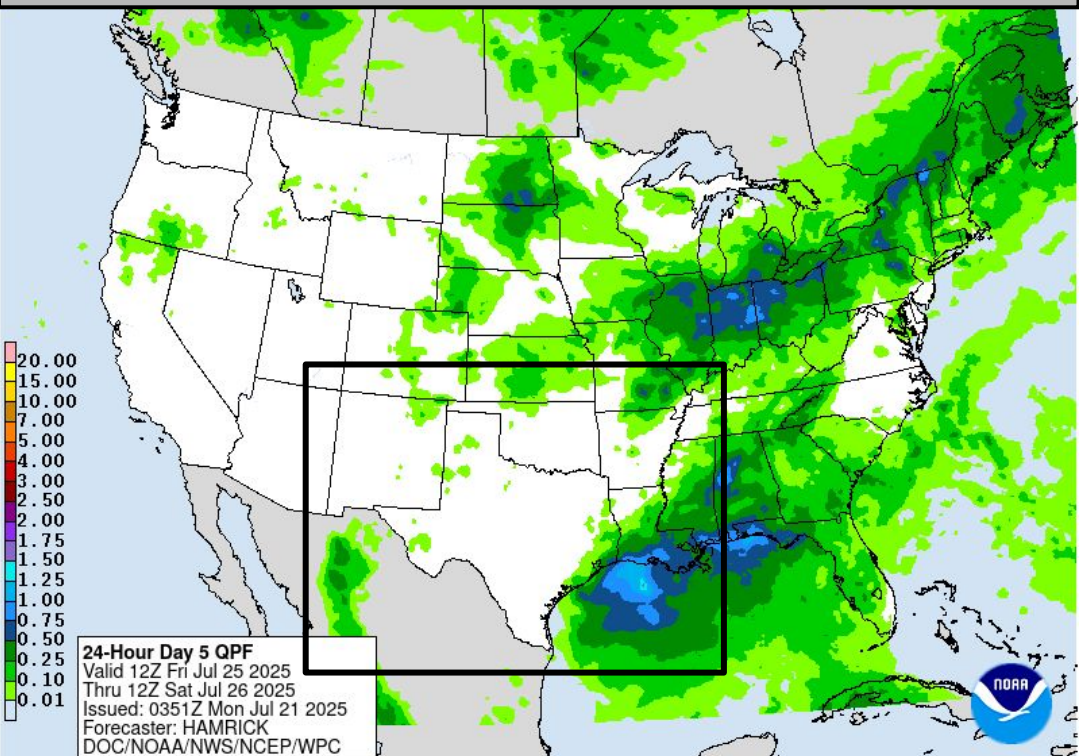


# Friday's Weather

Forecast Chart



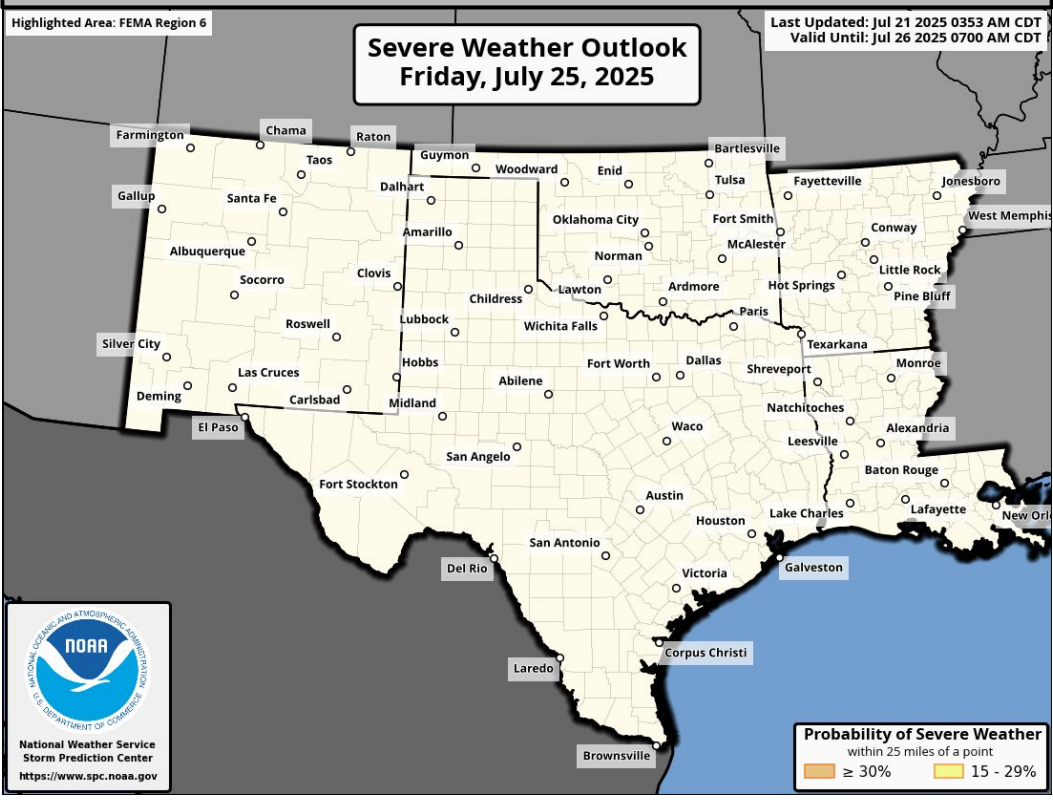
Forecast Rainfall



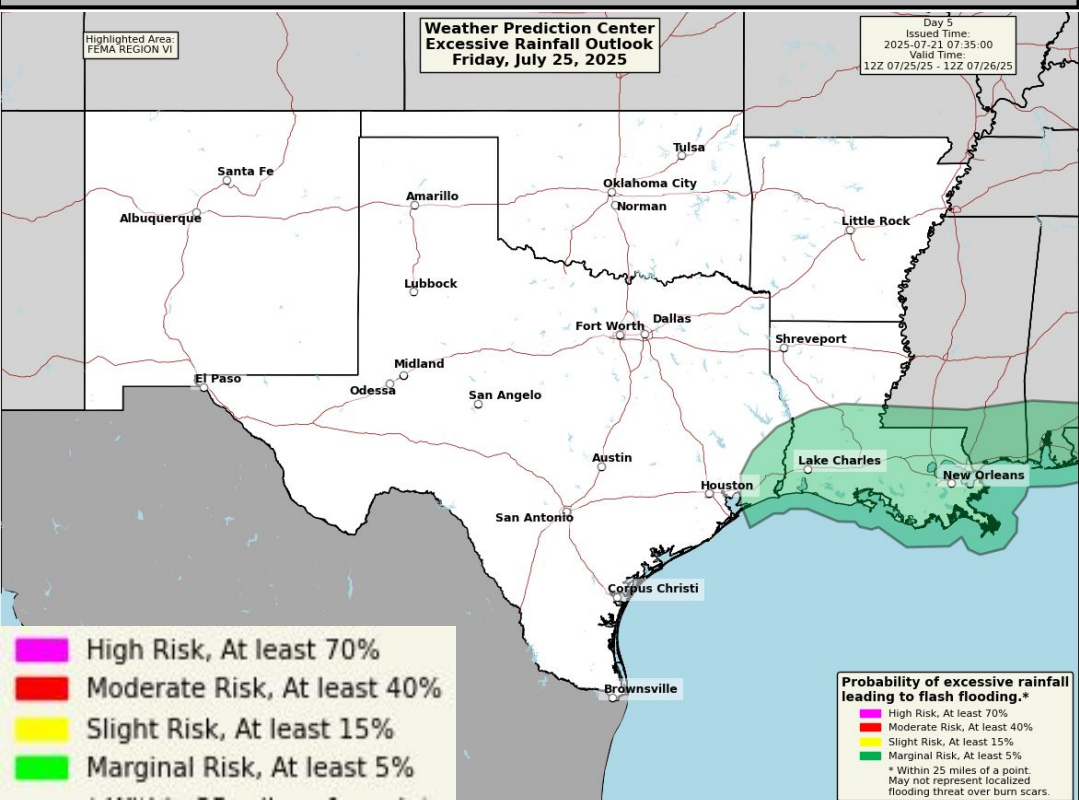
Afternoon highs feeling like  
105-110 F in OK, TX, AR, LA.

Marginal risk (level 1 of 4) for flash  
flooding in S LA.

Severe Weather Outlook



Excessive Rainfall Outlook

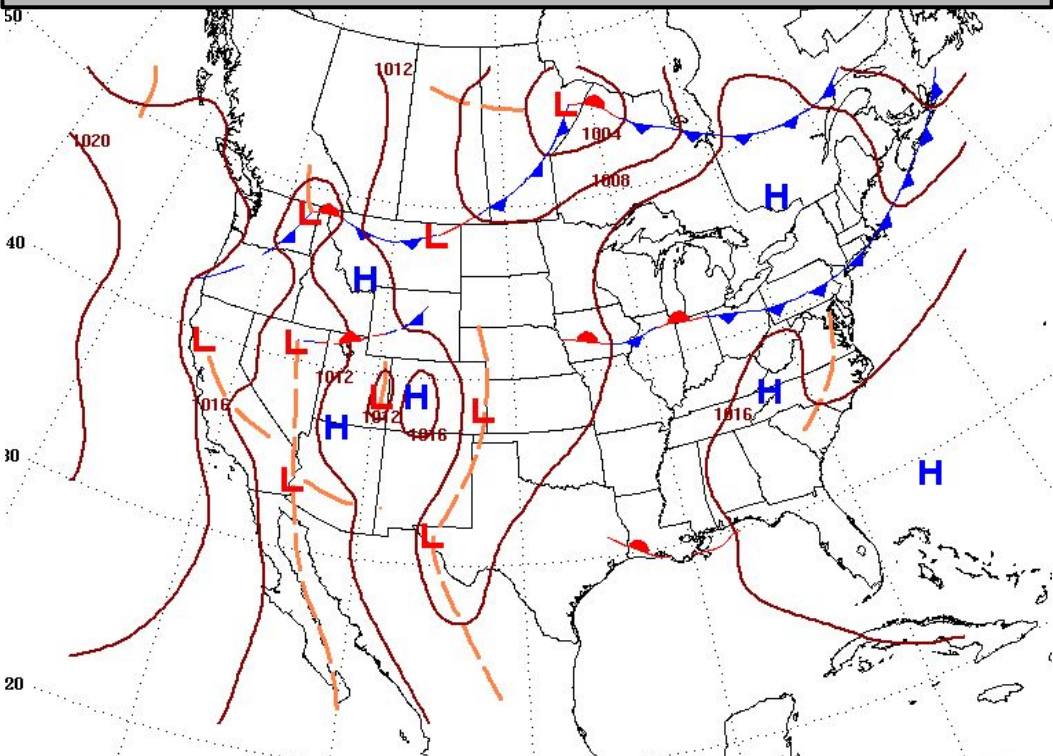




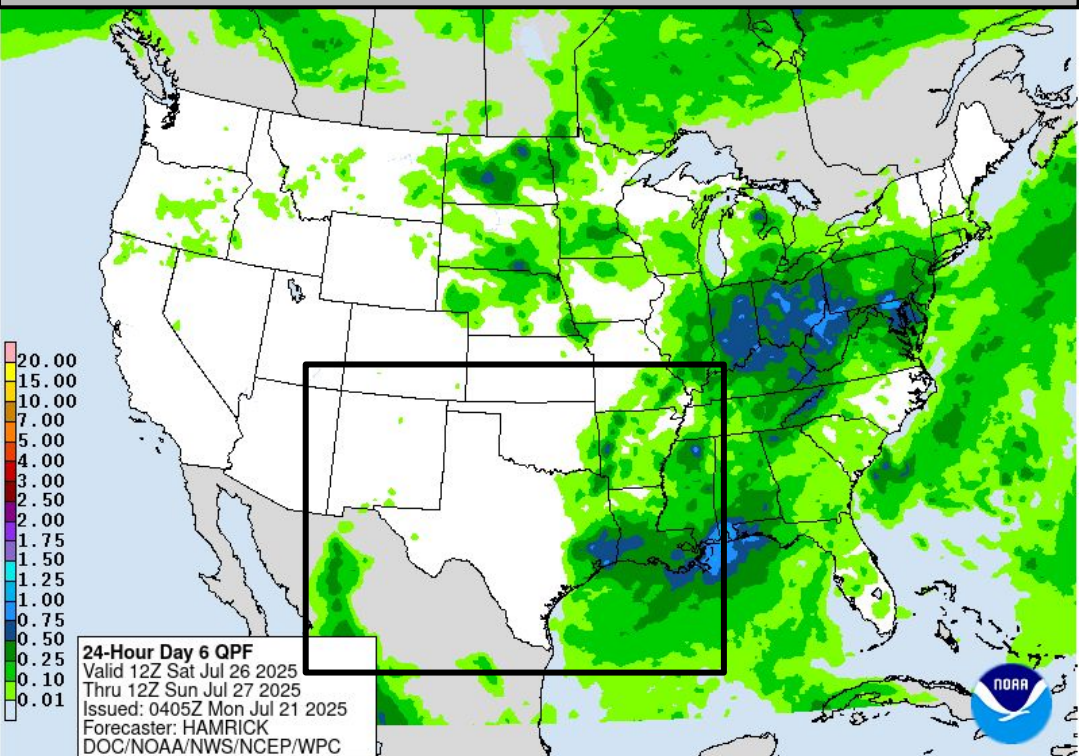


# Saturday's Weather

Forecast Chart



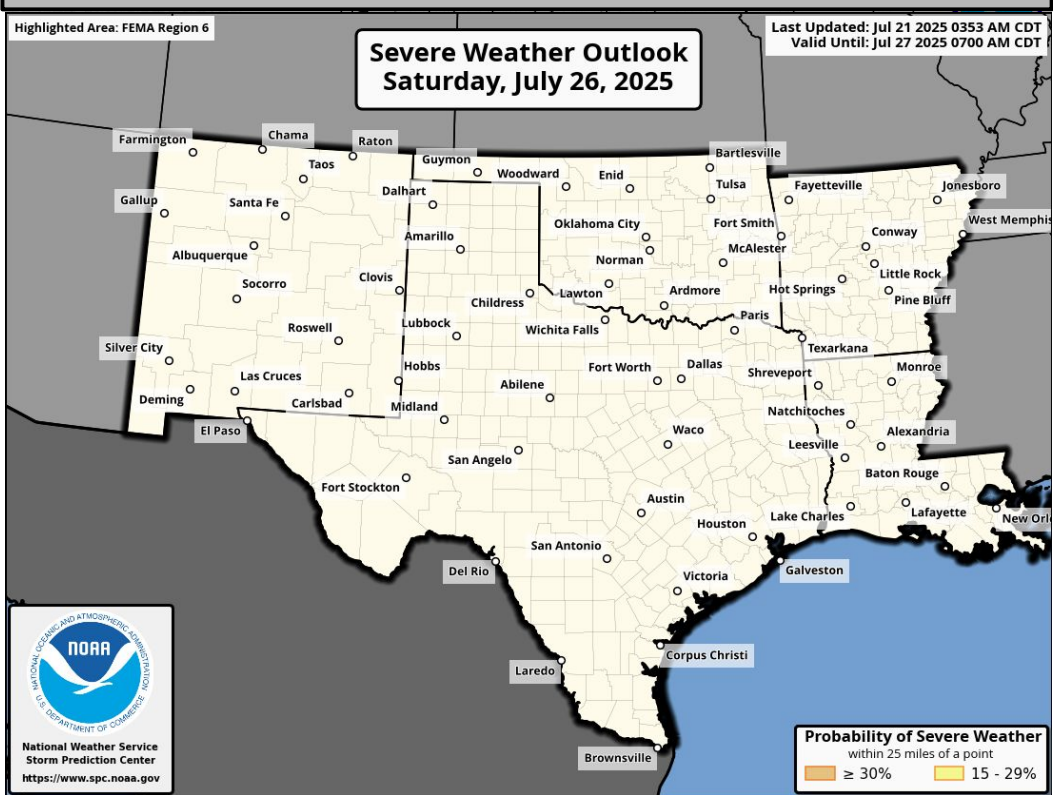
Forecast Rainfall



**Afternoon highs feeling like  
105-110 F across most of FEMA 6.**

**Marginal risk (level 1 of 4) for flash  
flooding in S LA and SE TX.**

Severe Weather Outlook



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

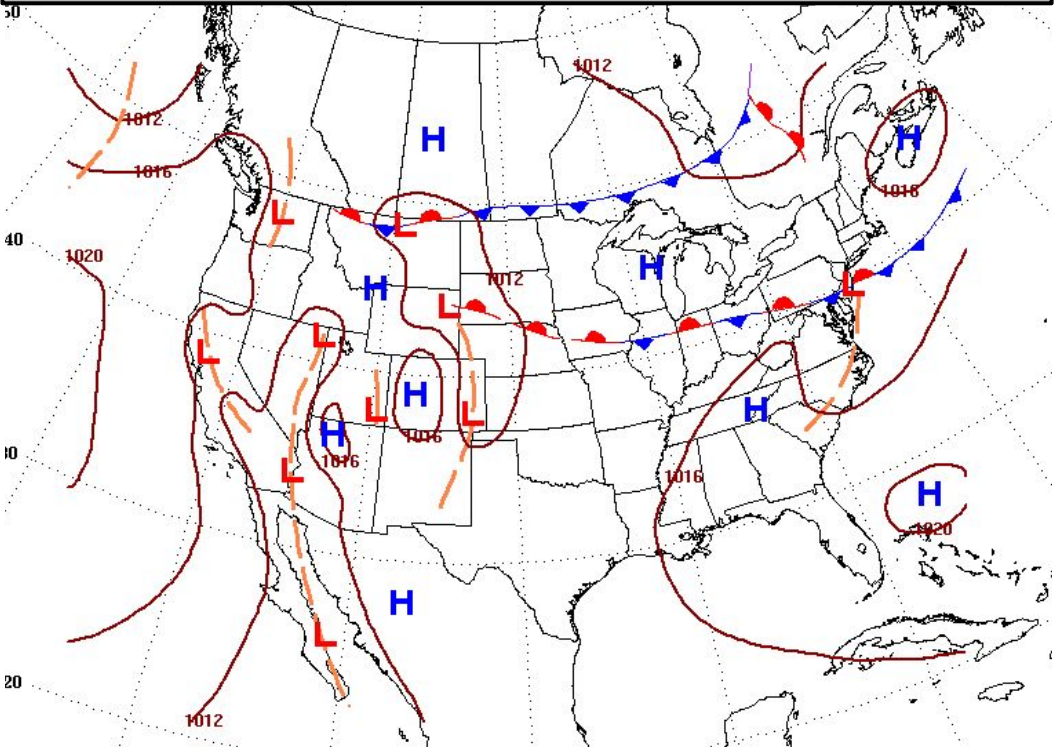




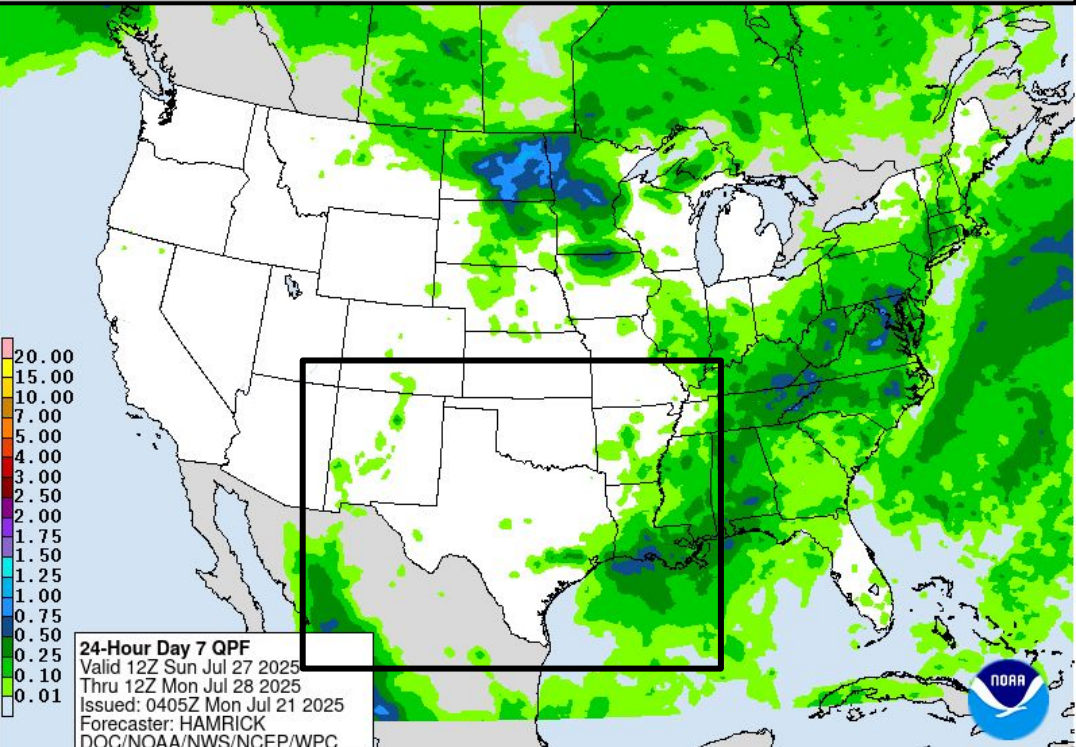


# Sunday's Weather

Forecast Chart



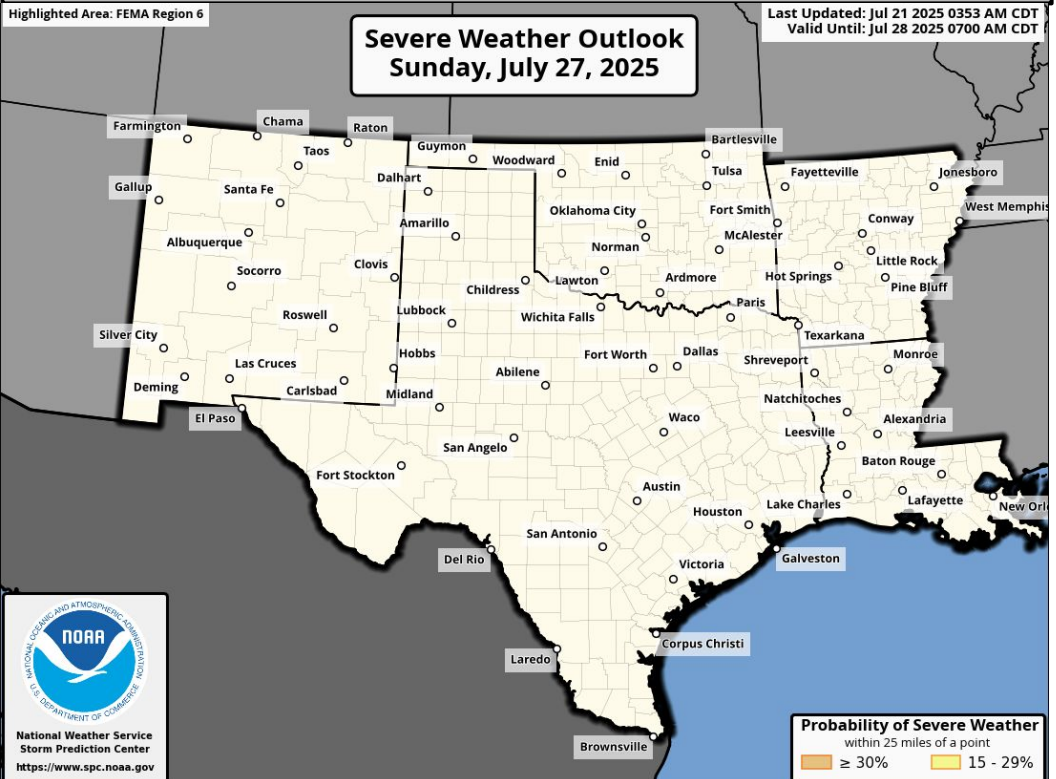
Forecast Rainfall



**Afternoon highs feeling like 105-110 F across most of FEMA 6.**

**Marginal risk (level 1 of 4) for flash flooding in S LA and SE TX.**

Severe Weather Outlook



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

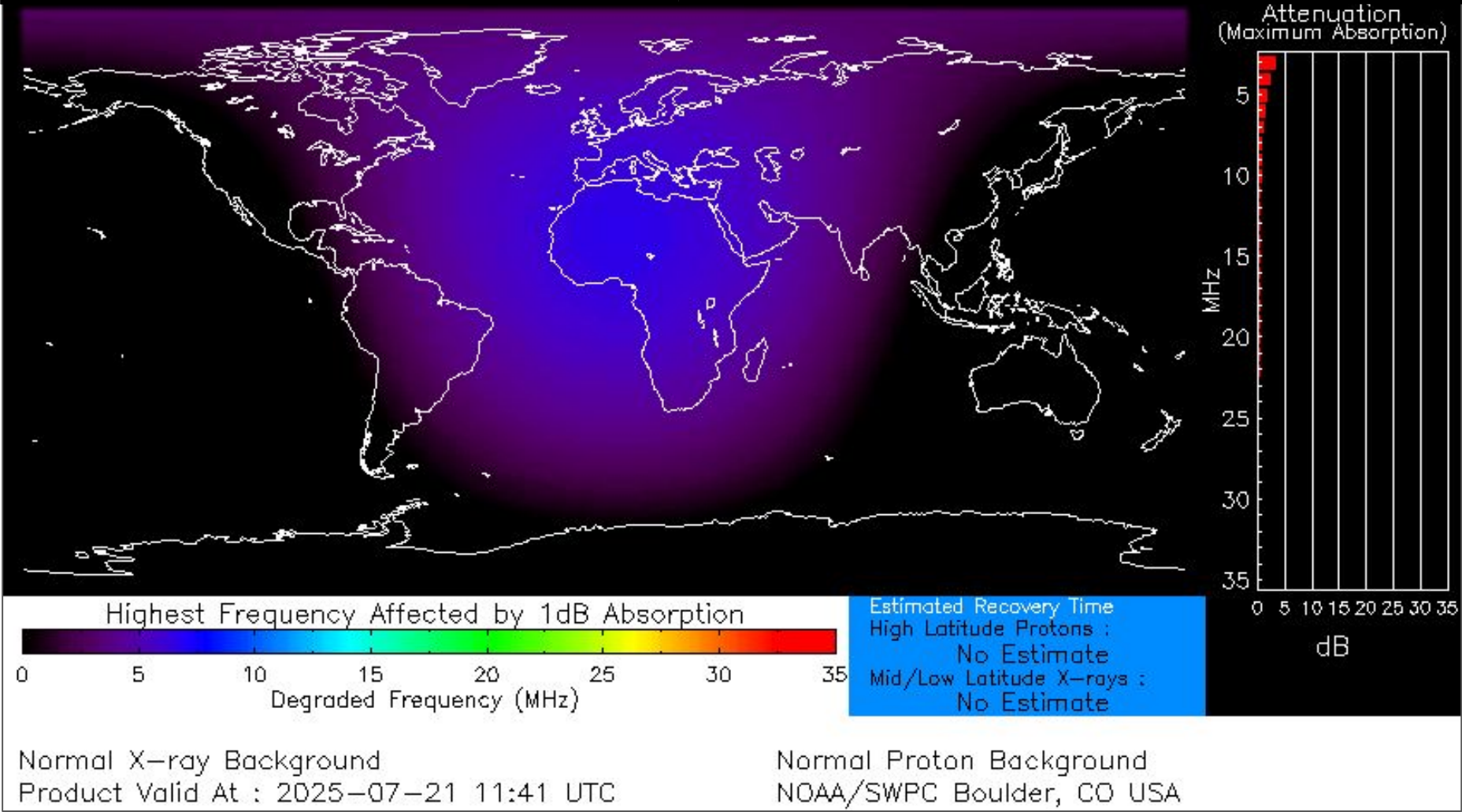






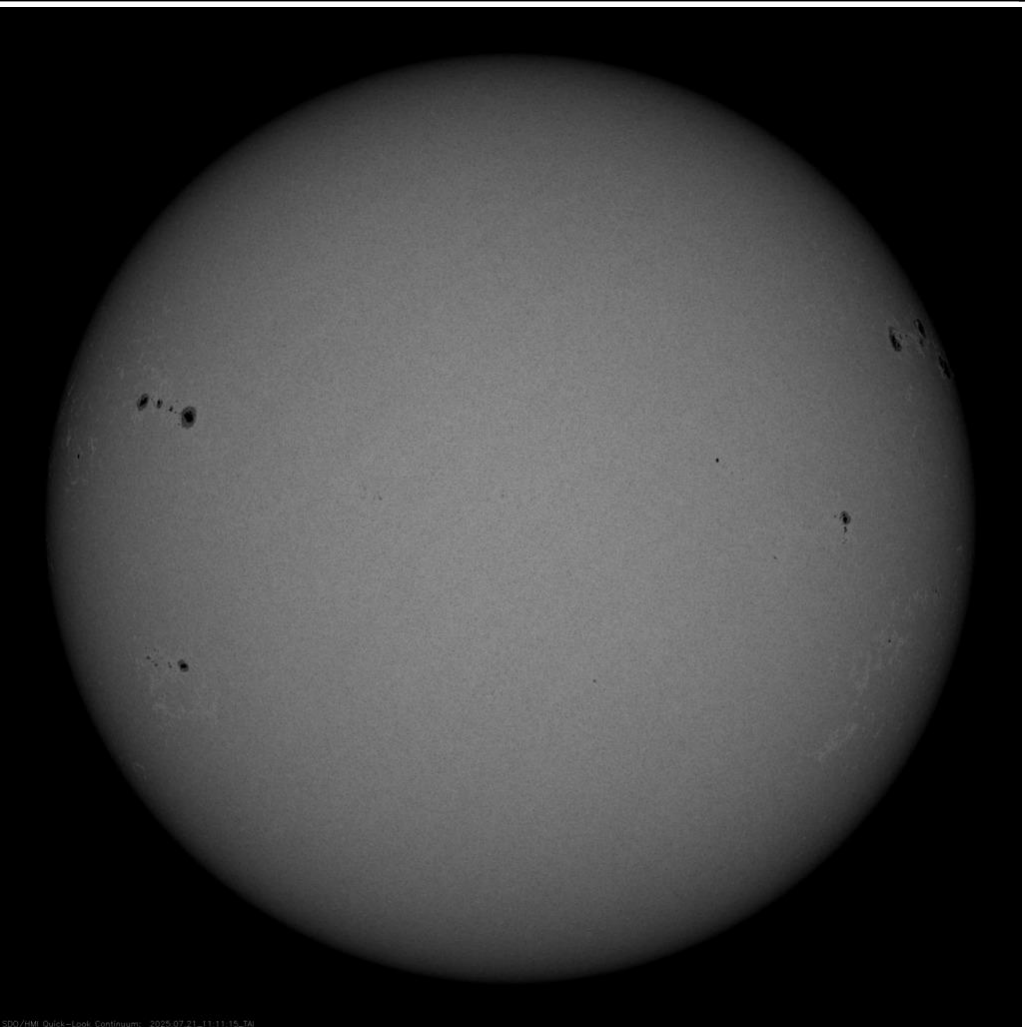
# Space Weather 3-Day Forecast

|                               | Monday, Jul 21        | Tuesday, Jul 22       | Wednesday, Jul 23      |
|-------------------------------|-----------------------|-----------------------|------------------------|
| Geomagnetic Storms            | Quiet<br>(Max Kp = 2) | Quiet<br>(Max Kp = 2) | Active<br>(Max Kp = 4) |
| Solar Radiation Storm (S1-S5) | 10%                   | 10%                   | 10%                    |
| Radio Blackout (R1-R2)        | 40%                   | 40%                   | 40%                    |
| Radio Blackout (R3-R5)        | 10%                   | 10%                   | 10%                    |



[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  | <b>Little to None</b><br>Safety: Rarely a Direct Threat to Life and Property<br>Impact Potential: Typically Results in Little Inconvenience to Daily Routines                                      | Severe: Marginal Risk from SPC<br>Flooding: Minor flooding expected over localized areas<br>Tropical: None<br>Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active   | <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 | <b>Minor</b><br>Safety: Rarely a Direct Threat to Life and Property<br>Impact Potential: Typically Results in Some Inconvenience to Daily Life   | Severe: Slight Risk from SPC<br>Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas<br>Tropical: A weak tropical wave expected to move towards or near any coastline<br>Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook   | <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 | <b>Moderate</b><br>Safety: Often Threatening to Life and Property, Some Damage Unavoidable<br>Impact Potential: Typically Results in Minor Disruption to Daily Life                                | Severe: Enhanced Risk from SPC<br>Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas<br>Tropical: A Tropical Storm expected to move towards or near any coastline<br>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"> <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    | <b>Major</b><br>Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed<br>Impact Potential: Will likely result in Large Disruption to Daily Life                        | Severe: Moderate Risk from SPC<br>Flooding: Moderate flooding expected over a widespread area (including urban locations)<br>Tropical: A Hurricane expected to move towards or near any coastline<br>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"> <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 | <b>Extreme</b><br>Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed<br>Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life | Severe: High Risk from SPC<br>Flooding: Major flooding expected over a widespread area (including urban locations)<br>Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline<br>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"> <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

**WWW**

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

