



# Prepared by Andy Bollenbacher

# FEMA Region 6 Weather Threat Briefing

Monday, July 14, 2025

**Disclaimer:** The purpose of this briefing is to provide a <u>Regional</u> 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 <u>www.weather.gov/srh</u>.



# Summary

- Flash Flooding:
  - Slight risk (level 2 of 4) in SW-CTX today.
  - Slight risk (level 2 of 4) for flash flooding in LA Thursday-Friday.
  - S NM Burn Scars pose a Major risk (level 3 of 4) for debris flow flooding continues this afternoon and evening. Burn Scar flash flooding remains a concern in the afternoon/evening hours each day this week.
- River Flooding: Moderate to isolated river flooding in CTX is expected today. Roads and low water crossings will be flooded. River levels in CTX are expected to recede throughout the week.
- <u>Tropical</u>: Low chance (10%) for tropical development in the next 48 hours, and (30%) for tropical development in the next 7 days in the Gulf of America. Main impacts are heavy rain in LA Thursday and Friday.
- Heat: Hot temps through mid-late week over ETX, LA, AR.





# FEMA Region 6 Threat Matrix

#### Next 7 days

	Monday, Jul 14	Tuesday, Jul 15	Wednesday, Jul 16	Thursday, Jul 17	Friday, Jul 18	Saturday, Jul 19	Sunday, Jul 20
Severe Storms	NE AR						
Heavy Rain / Flash Flooding	SW-CTX	NM	NM,WTX, E LA	SE LA	LA	LA	
Burn Scars	S NM	NINA	NIM	NIM			
	N NM	NM	NM	NM			
Tropical							
Heat	ETX, LA	ETX, SE AR, LA	ETX, SE AR, N LA	ETX, SE AR, N LA	TX	TX	TX
River Flooding	стх	стх	ETX	ETX	ETX	ETX	ETX

\*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

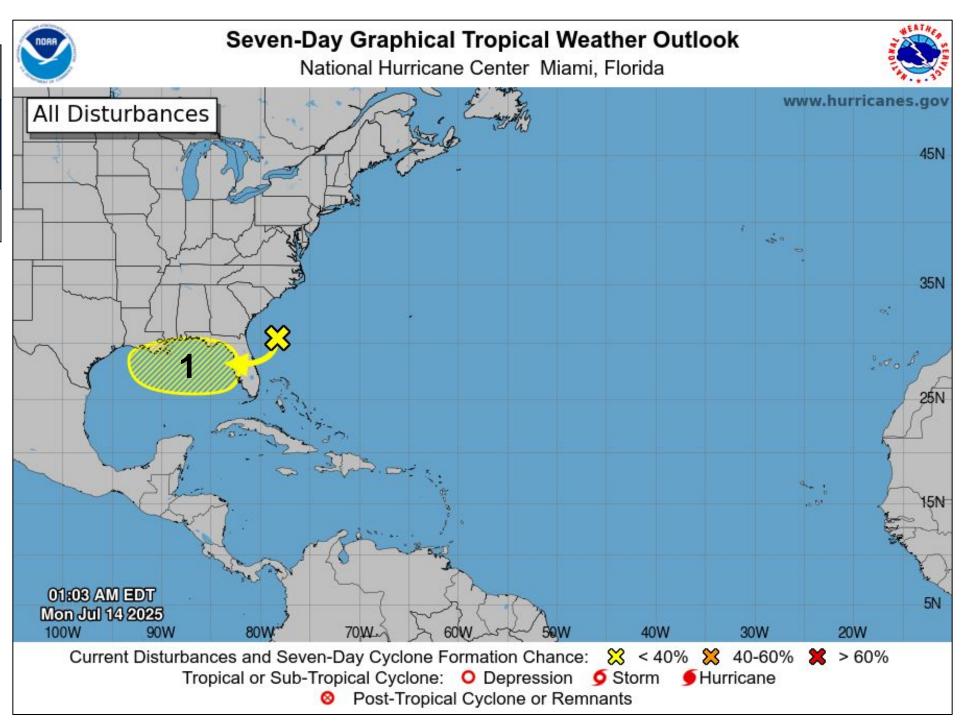




#### Tropical Weather Outlook – Atlantic/Gulf

Areas of Possible Development				
Area Chance of Development		Potential Impacts to FEMA 6		
1	Low	Heavy rainfall in LA Thu, Fri.		

Active Tropical Cyclones				
Storm Potential Impacts to FEMA 6				



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





Forecast Rainfall - WPC

**CumulativePrecipForecasts** 

QPF 120 Hour Day 1-5

20.00

15.00

10.00

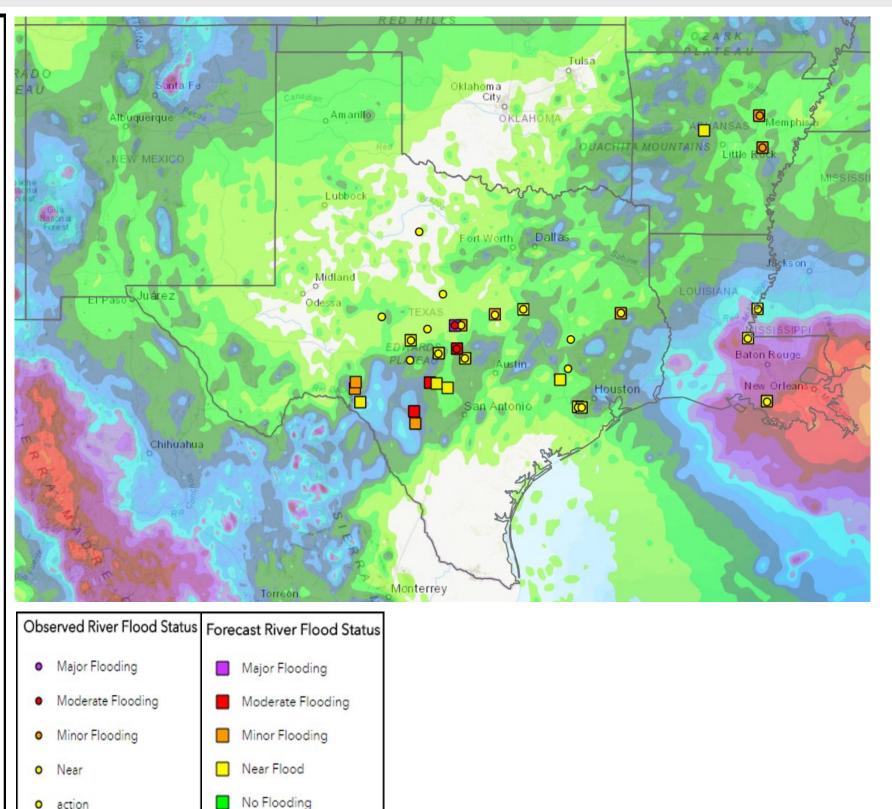
7.00

5.00

0.01

#### 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



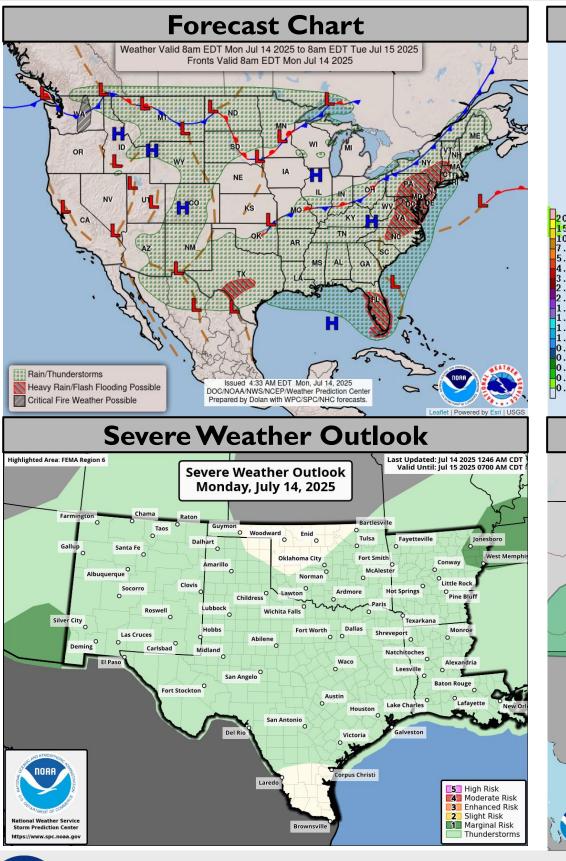
Moderate to isolated major river flooding in C TX through this afternoon. San Saba River at San Saba is expected to briefly crest at major flood stage later this afternoon, flooding roads and low water crossing. C TX rivers are expected to recede Tuesday through the rest of the week.

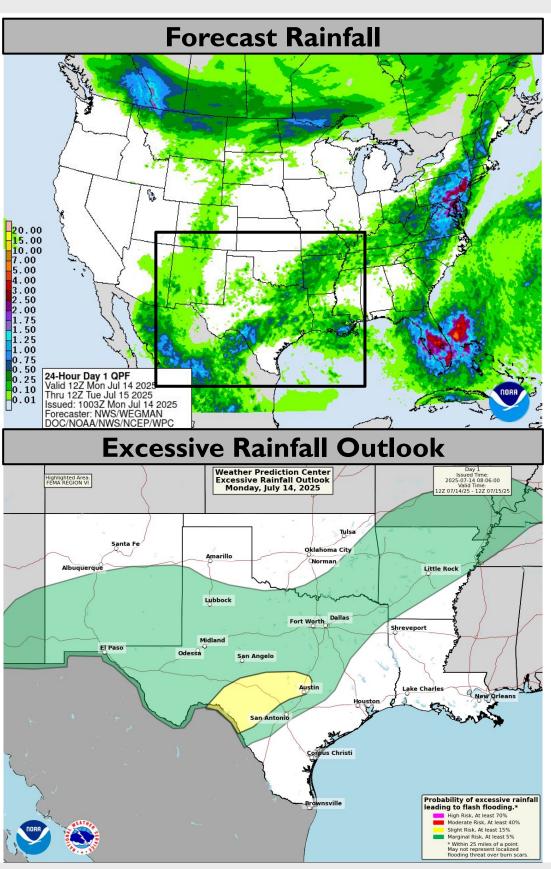
Note: Numerical levels (e.g. level 1 of 4) will not be assigned to riverine flooding due to the varying levels of impacts across flood categories.





#### Today's Weather





Slight risk (level 2 of 4) for flash flooding in SW-CTX.

Marginal risk (level 1 of 5) for severe storms this afternoon in NE AR.

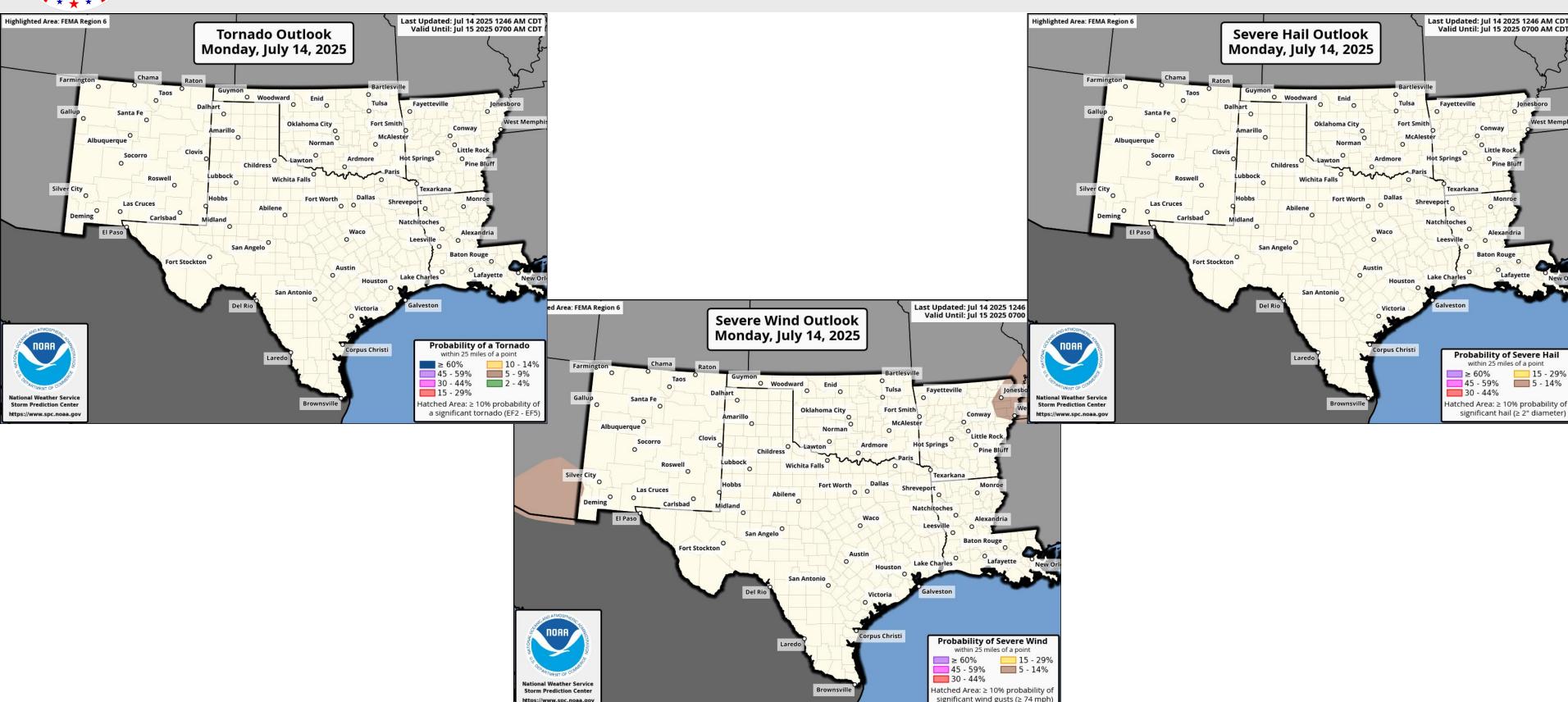
Afternoon highs feeling as hot as 105-108 degrees in ETX, LA.

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





#### Today's Tornado & Severe Wind / Hail Probabilities

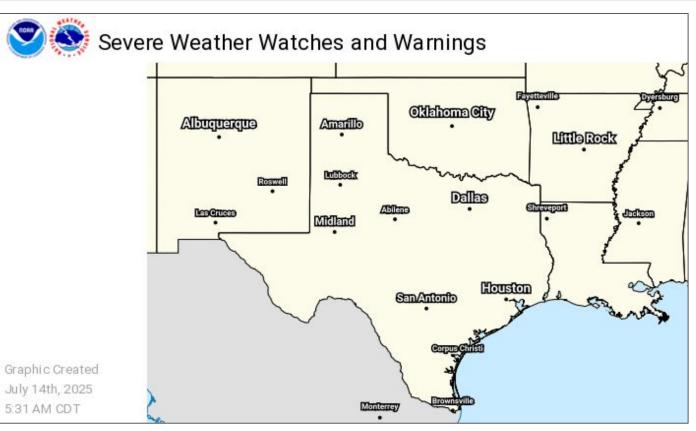


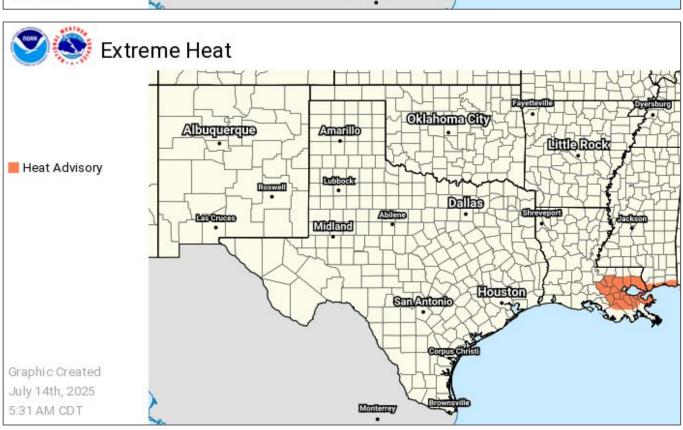


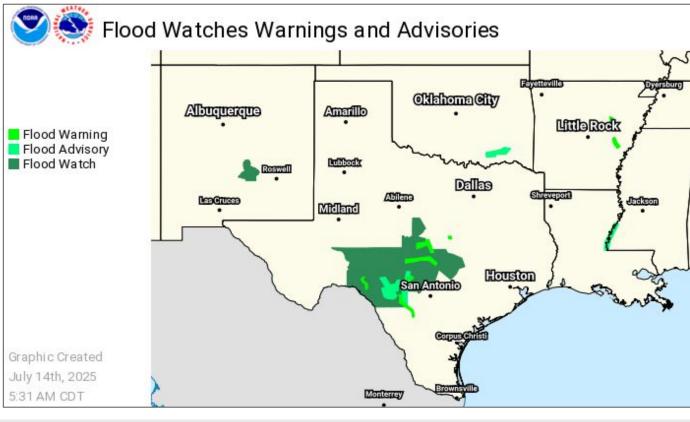
### Watches, Warnings, and Advisories

#### Wind, Severe, Heat, and Flood Hazards









Flood Watch over Ruidoso/Sacramento Complex from Noon CDT - 10 PM CDT tonight.

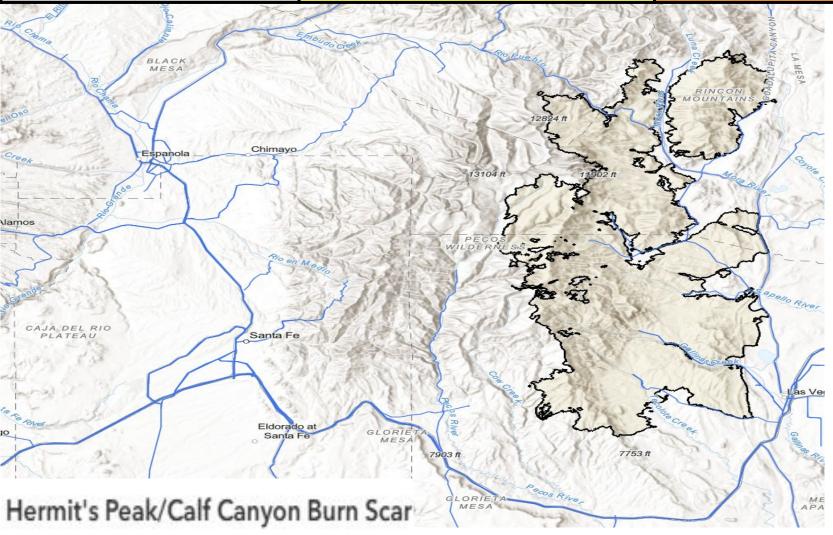
Flood watches across
SW-CTX have been
extended through 9 PM
CDT. Up to 3-5 inches of
new rainfall through this
evening.



### Burn Scar Debris Flow Risk - HPCC Scars New Mexico

#### Hermit's Peak/Calf Canyon Burn Scar

	Monday, Jul 14	Tuesday, Jul 15	Wednesday, Jul 16	Thursday, Jul 17
Flash Flooding	Slight	Moderate	Moderate	Major
Timing - CDT	Noon-10 PM	Afternoon/Evening	Afternoon/Evening	Afternoon/Evening



Little to None	No Flash Flood Threat		
Minor (level   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		
WPC's Excessive Rainfall Outlook is Not Applicable to burn			

WPC's Excessive Rainfall Outlook is Not Applicable to burn scars.

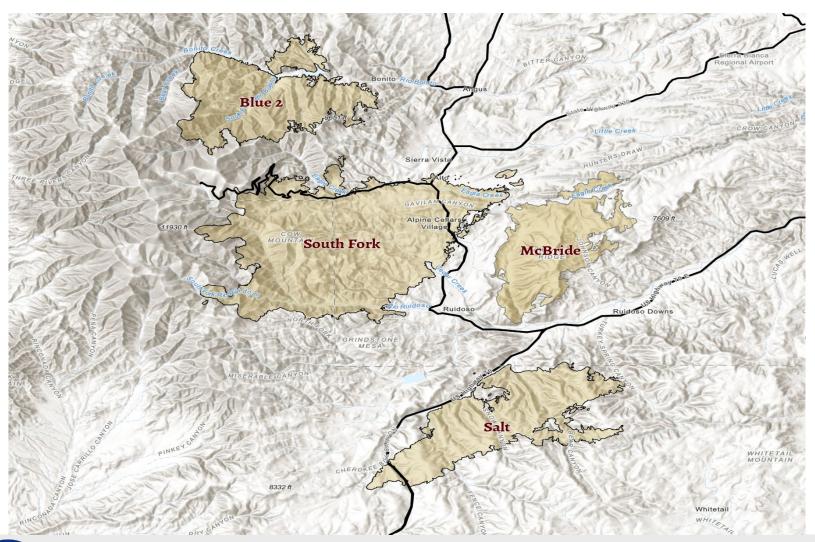




## Burn Scar Debris Flow Risk - Ruidoso, New Mexico

#### **Sacramento Complex**

	Monday, Jul 14	Tuesday, Jul 15	Wednesday, Jul 16	Thursday, Jul 17
Flash Flooding	Major	Moderate	Moderate	Major
Timing - CDT	Noon-10 PM	Afternoon/Evening	Afternoon/Evening	Afternoon/Evening



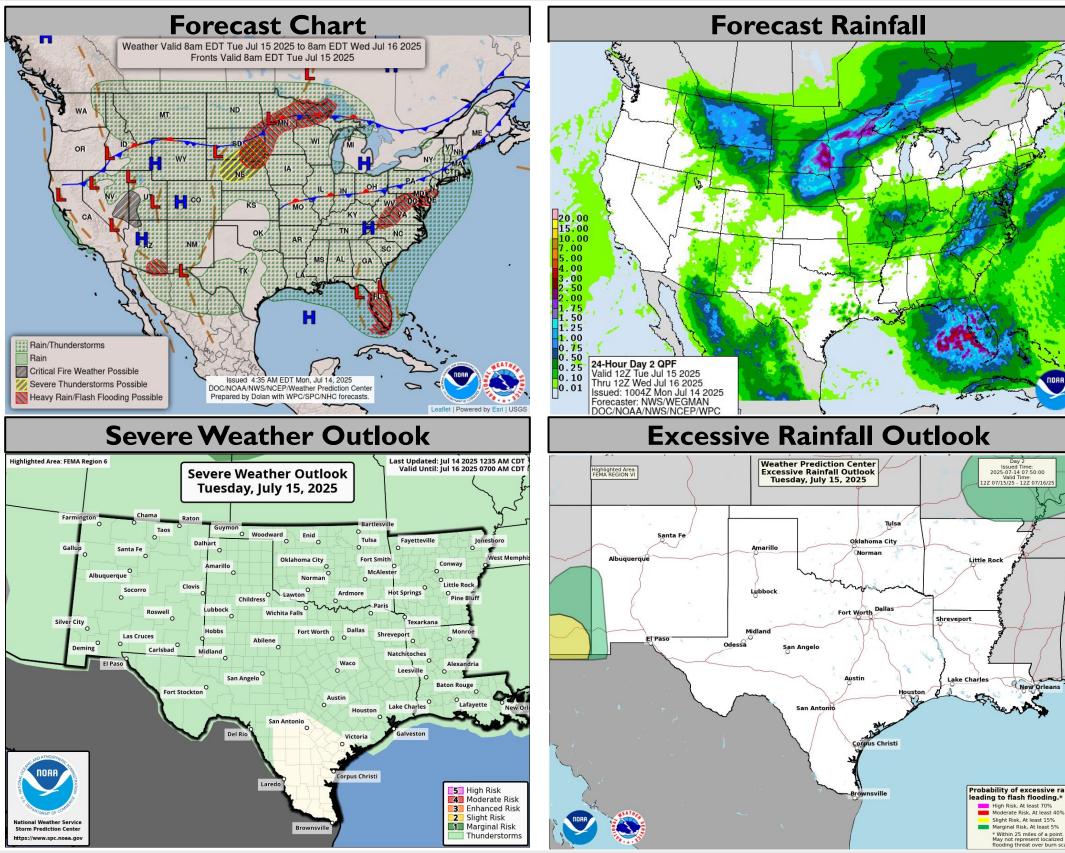
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Extreme (level 4 of 4)	Life Threatening Flash Flooding Likely - Historic Type Day

- WPC's Excessive Rainfall Outlook is Not Applicable to burn scars.
- \*Note\* 2nd year burn scars can be more dangerous than year 1.





#### Tomorrow's Weather



Afternoon highs feeling like 105-110\*F in SEAR, LA.

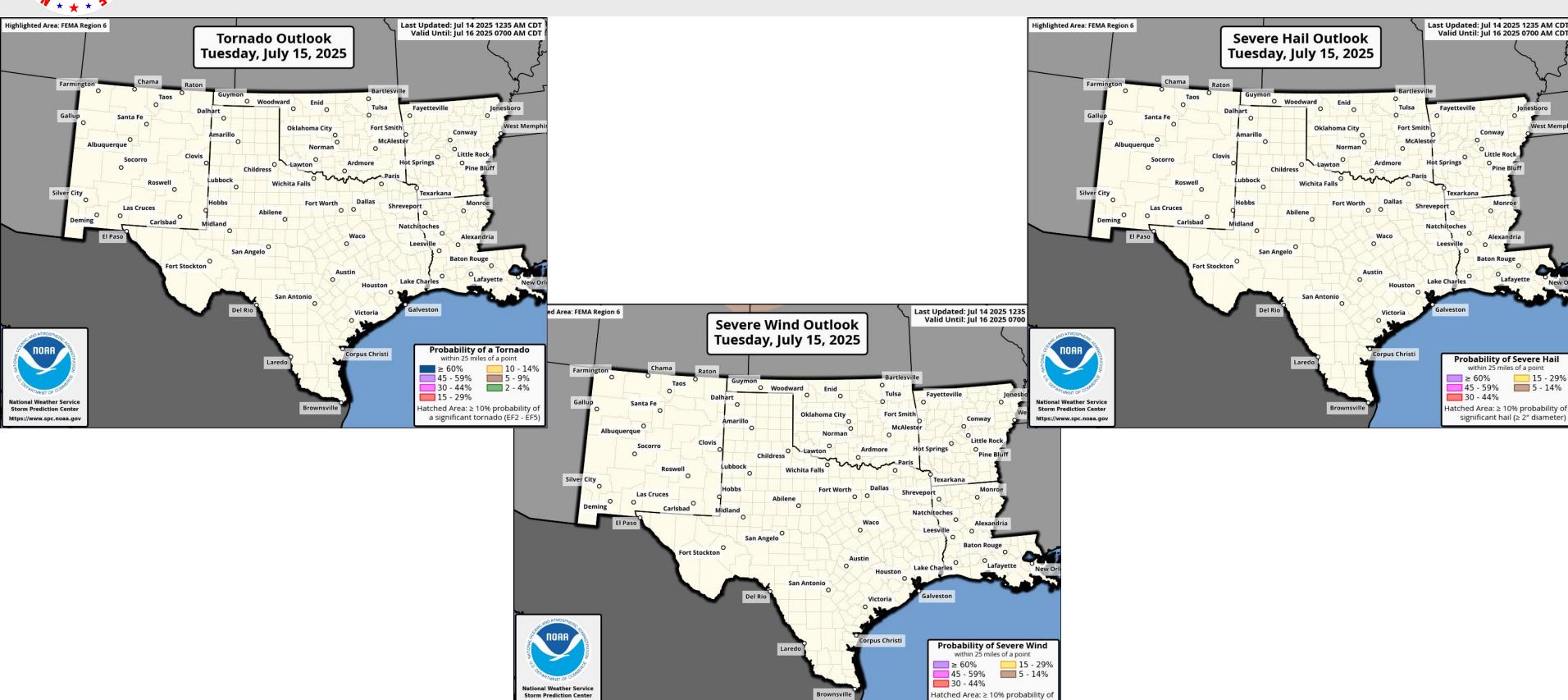
Isolated heavy rain in NM.

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



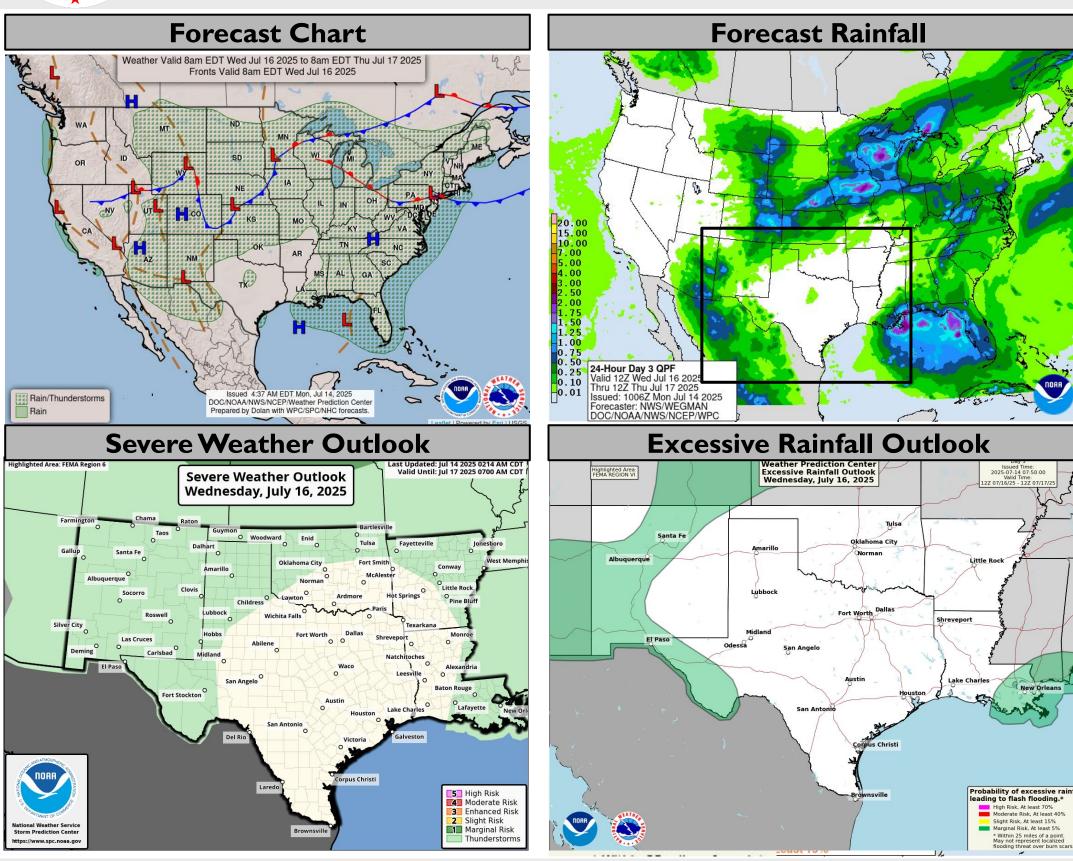


#### Tomorrow's Tornado & Severe Wind / Hail Probabilities





#### Wednesday's Weather



Afternoon highs feeling like 105-110\*F in ETX, SEAR, N LA.

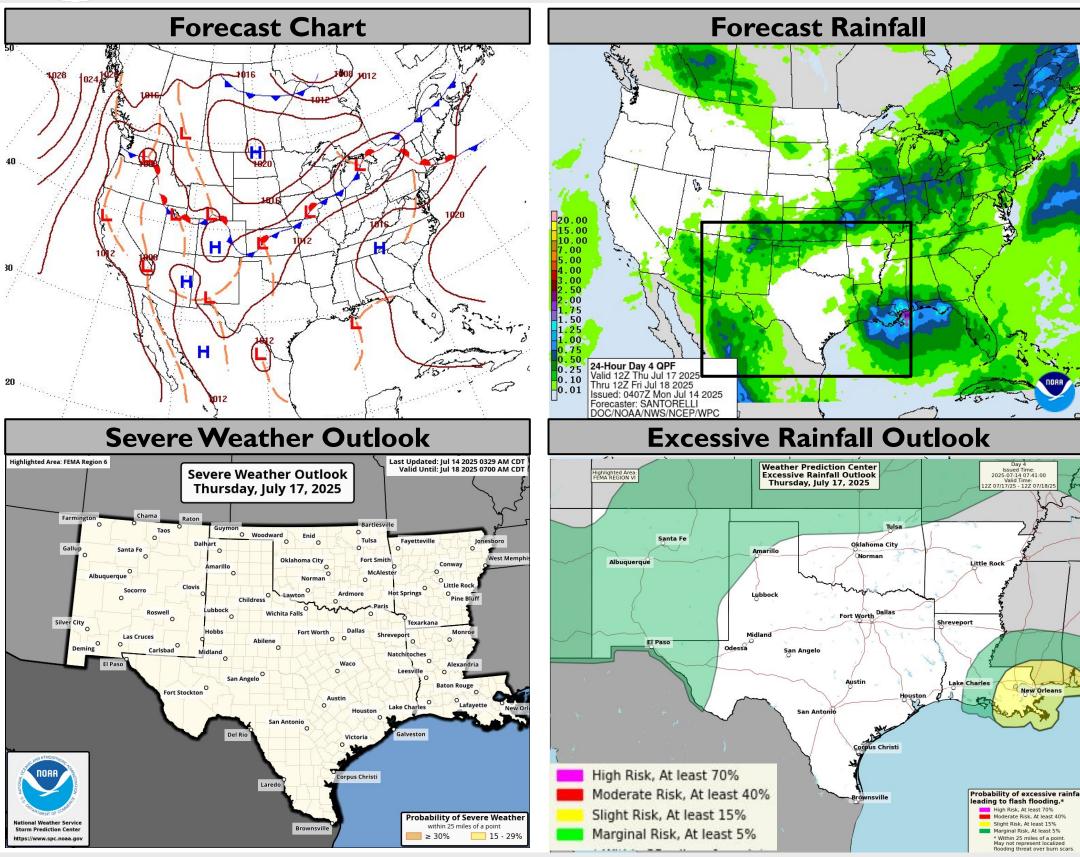
Marginal risk (level 1 of 4) for flash flooding in NM,WTX, E LA.

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





## Thursday's Weather



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

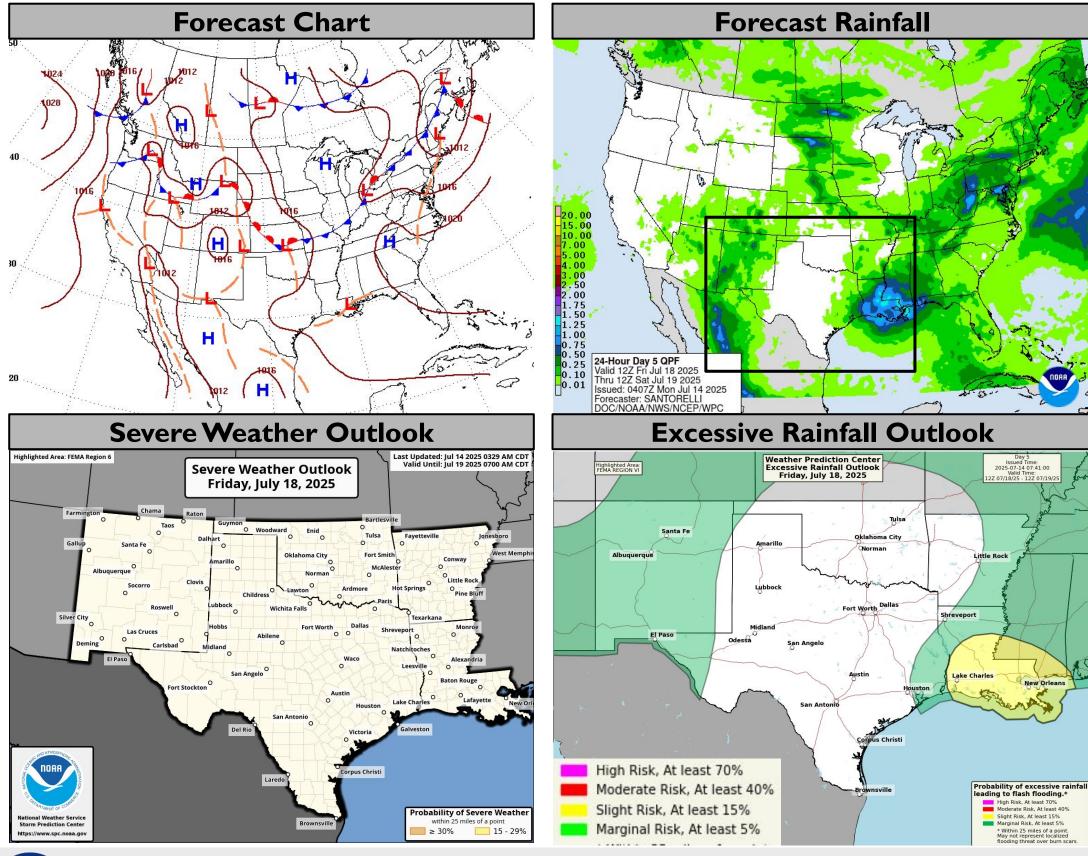
Afternoon highs feeling like 105-110\*F in ETX, SEAR, N LA.

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





#### Friday's Weather



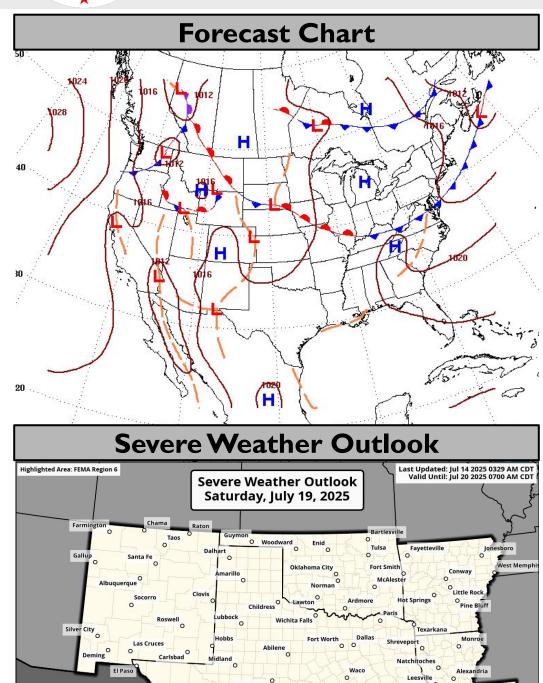
Slight risk (level 2 of 4) for flash flooding in LA.

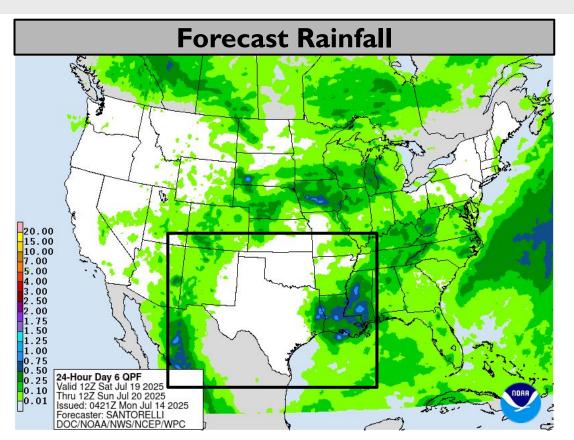
Afternoon highs in portions of TX may feel as hot as 105-110 degrees.



#### Saturday's Weather

obability of Severe Weathe





lead to isolated flooding concerns.

Afternoon highs in portions of TX

Lingering heavy rainfall in LA may

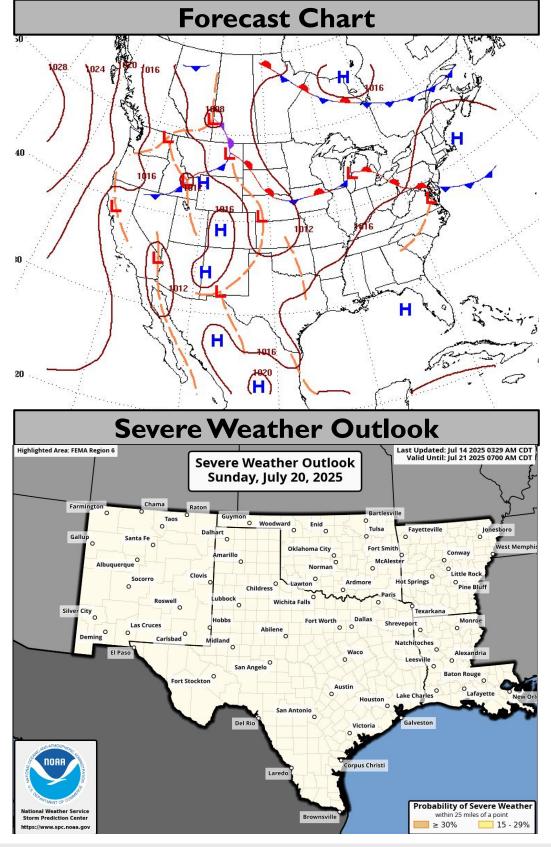
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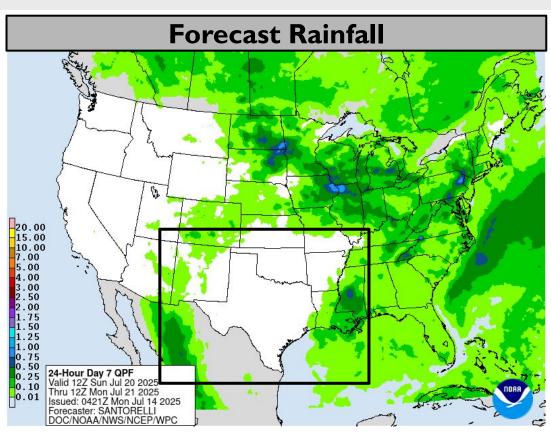
**Excessive Rainfall Outlooks** not available beyond Day 5





# Sunday's Weather



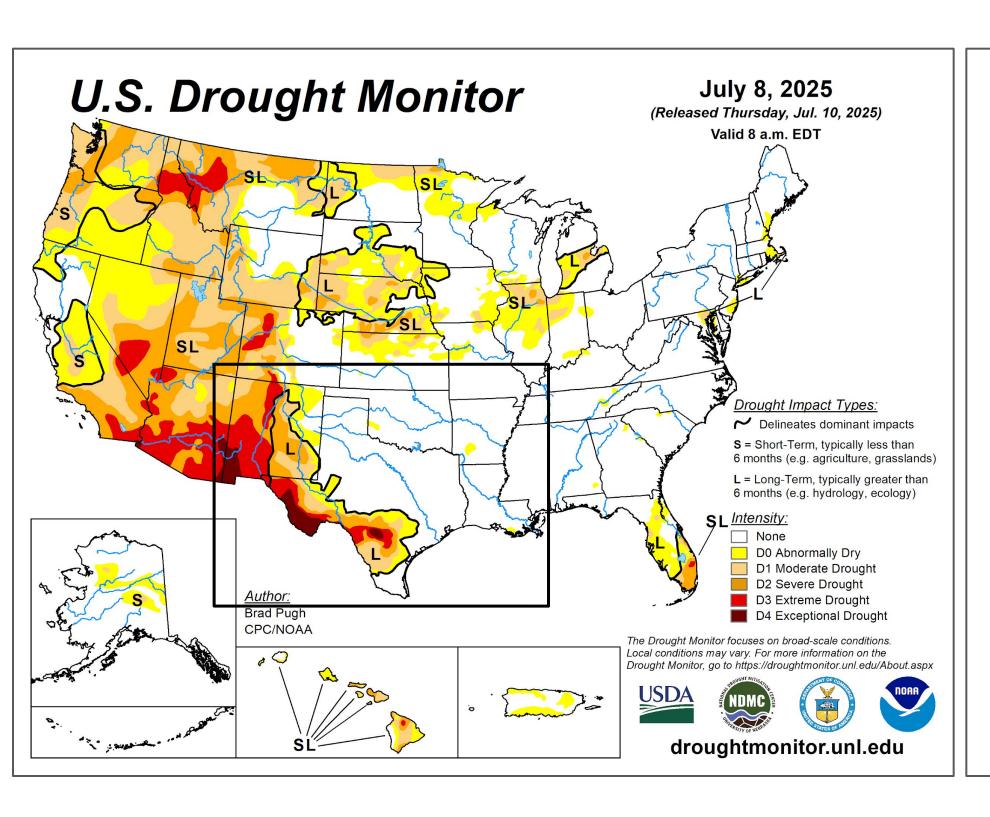


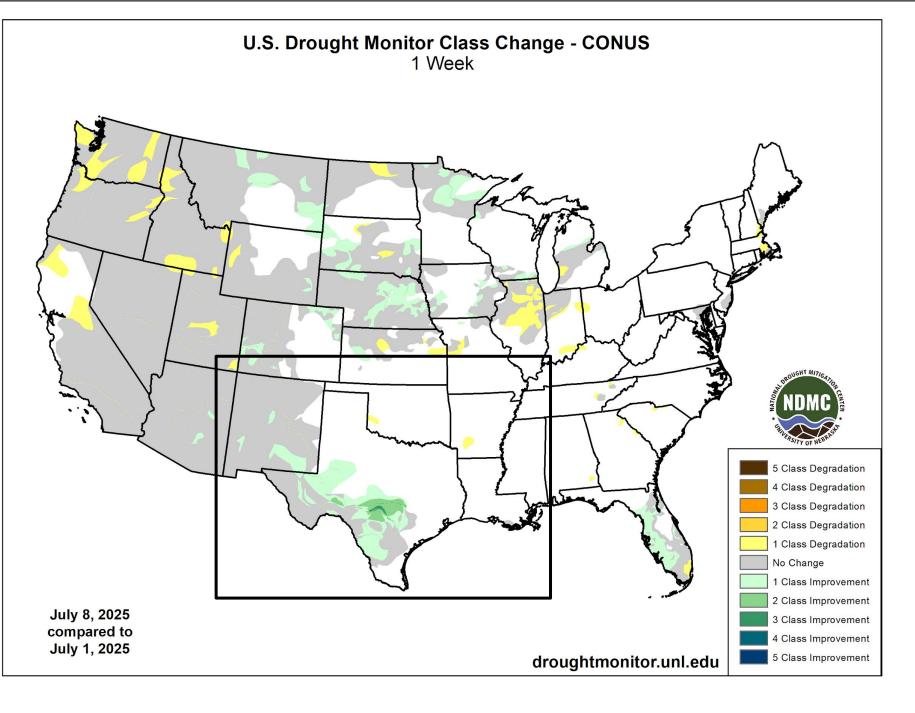
Excessive Rainfall Outlooks not available beyond Day 5

Afternoon highs in portions of TX may feel as hot as 105-110 degrees.



# Drought Monitor



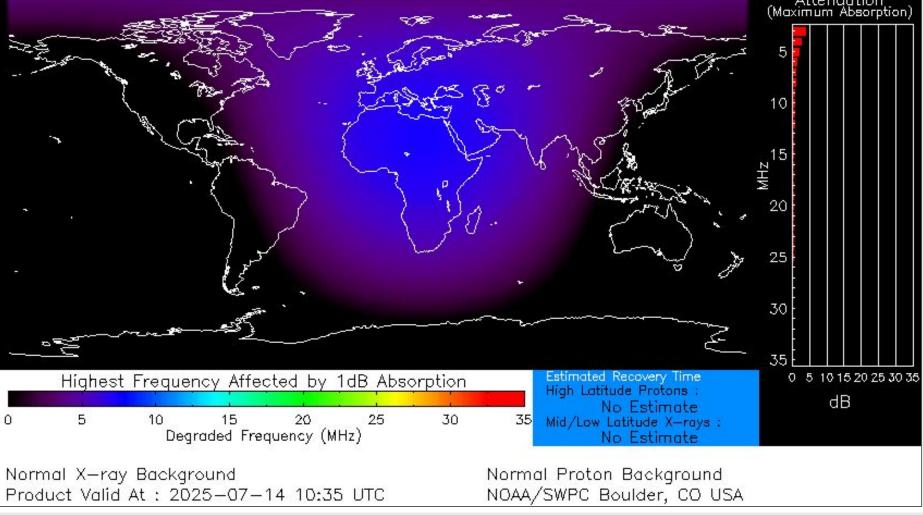






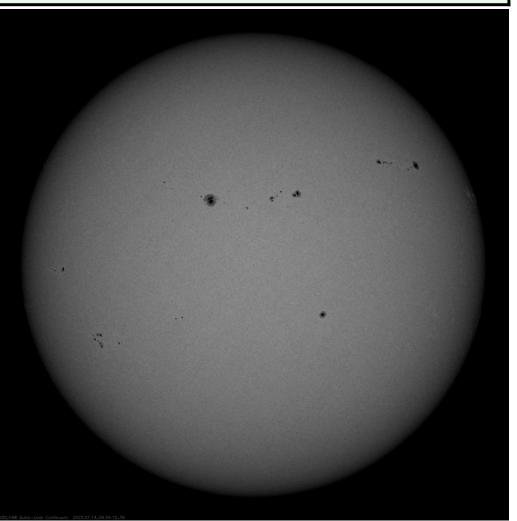
# Space Weather 3-Day Forecast

	Monday, Jul 14	Tuesday, Jul 15	Wednesday, Jul 16
Geomagnetic Storms	Unsettled (Max Kp = 3)	Unsettled (Max Kp = 3)	Quiet (Max Kp = 2)
Solar Radiation Storm (SI-S5)	<b>I</b> %	1%	1%
Radio Blackout (R1-R2)	50%	50%	50%
Radio Blackout (R3-R5)	5%	5%	5%



**Space Weather Storm Scales** 

**Latest 3-Day Space Weather Forecast** 





National Weather Service Southern Region

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	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> <li>2-3 inches of rainfall expected over central AR today and tonight; some mino (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	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> <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	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> <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	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> <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



#### **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



X: NWSSouthern



Web: www.weather.gov/srh