



## Prepared by Melissa Beat

# FEMA Region 6 Weather Threat Briefing

Saturday, July 05, 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>.





#### • Flash Flooding:

- Slight risk (level 2 of 4) over CTX today; with locally higher threat if rainfall occurs over already saturated grounds. Marginal risk (level 1 of 4) continues over CTX Sunday.
- Moderate to Major risk (levels 2-3 of 4) over the NM burn scar areas on Sunday and Monday;
   Moderate risk (level 2 of 4) on Tuesday.
- River Flooding: Moderate to major flooding along the Guadalupe and San Saba Rivers west of I-35 today. Moderate to major flooding along the Rio Grande in the TX Big Bend area.
- Tropical: TS Chantal off the southeast coast will have no impacts to FEMA 6.





## FEMA Region 6 Threat Matrix

#### Next 7 days

	Saturday, Jul 5	Sunday, Jul 6	Monday, Jul 7	Tuesday, Jul 8	Wednesday, Jul 9	Thursday, Jul 10	Friday, Jul II
Severe Storms	TX/OK Panhandles, NE NM	E NM,TX/OK Panhandles,W OK					
Heavy Rain / Flash Flooding	стх	E NM,TX/OK Panhandles, C TX, N AR	NM,TX/OK Panhandles, N AR	NM,WTX,W TX/OK Panhandles			
Burn Scars		S NM N NM	S NM N NM	NM			
Tropical							
Heat							
River Flooding	W-CTX	W-CTX					
	SETX, EAR	SETX, EAR					

\*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

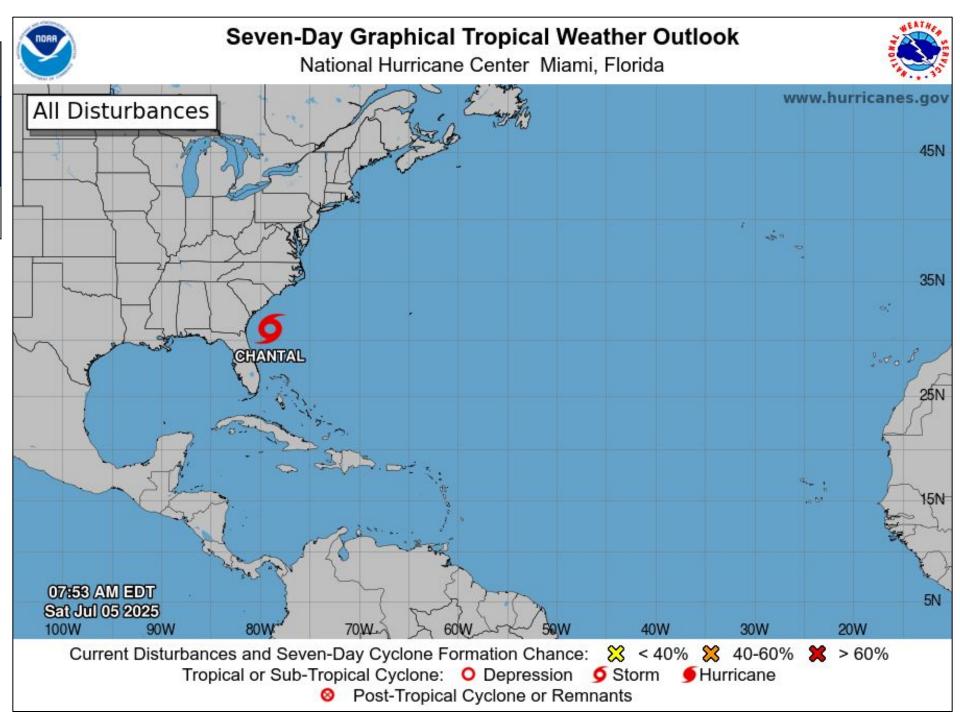




#### Tropical Weather Outlook – Atlantic/Gulf

Areas of Possible Development				
Area Chance of Development Potential Impacts to FEMA 6				

Active Tropical Cyclones				
Storm	Potential Impacts to FEMA 6			
Chantal	No impacts to FEMA 6.			



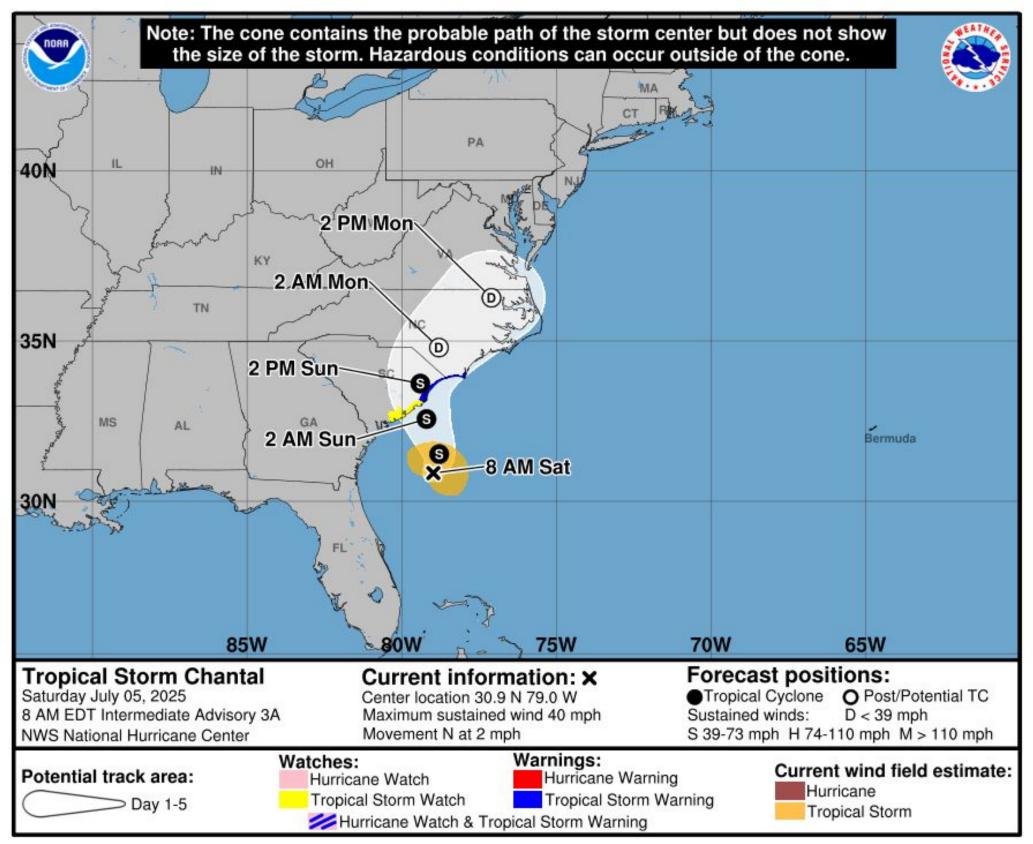
See <a href="http://www.hurricanes.gov">http://www.hurricanes.gov</a> for the latest on the tropics or any active storms





#### Chantal

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



Tropical Storm Chantal has formed off SE US Coast. No impacts to FEMA 6.



20.00

15.00

10.00

7.00

5.00

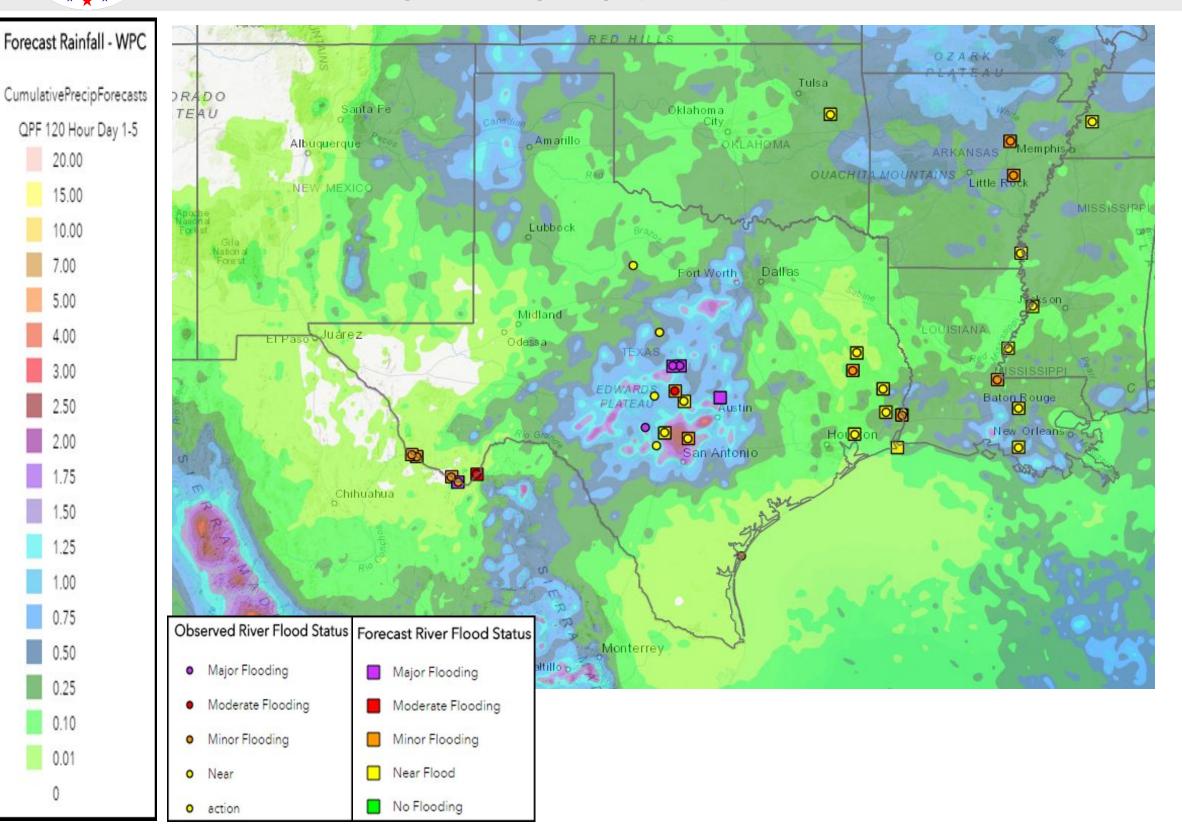
3.00

0.75

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



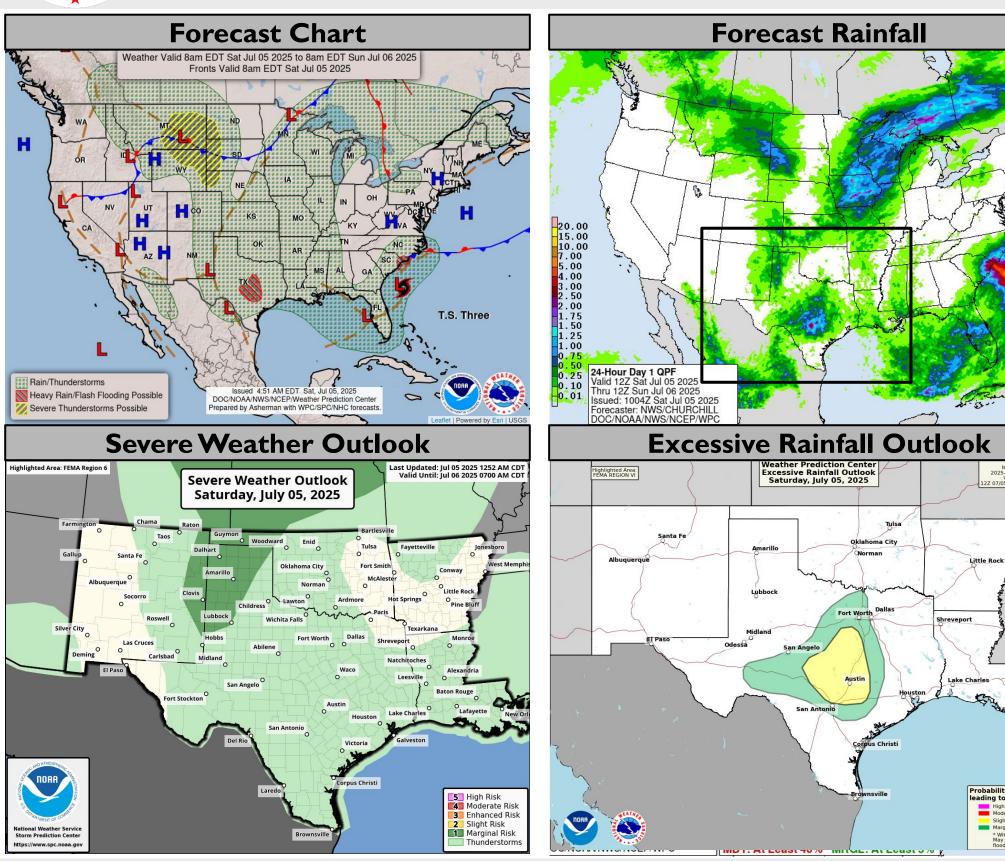
Major flooding along the **Guadalupe and San Saba Rivers** west of I-35 today. Moderate to major flooding along the Rio Grande in the TX Big Bend area. **Extensive flooding to** homes/buildings in Kerrville and Comfort, TX.

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 over CTX; higher threat if rainfall occurs over already saturated ground.

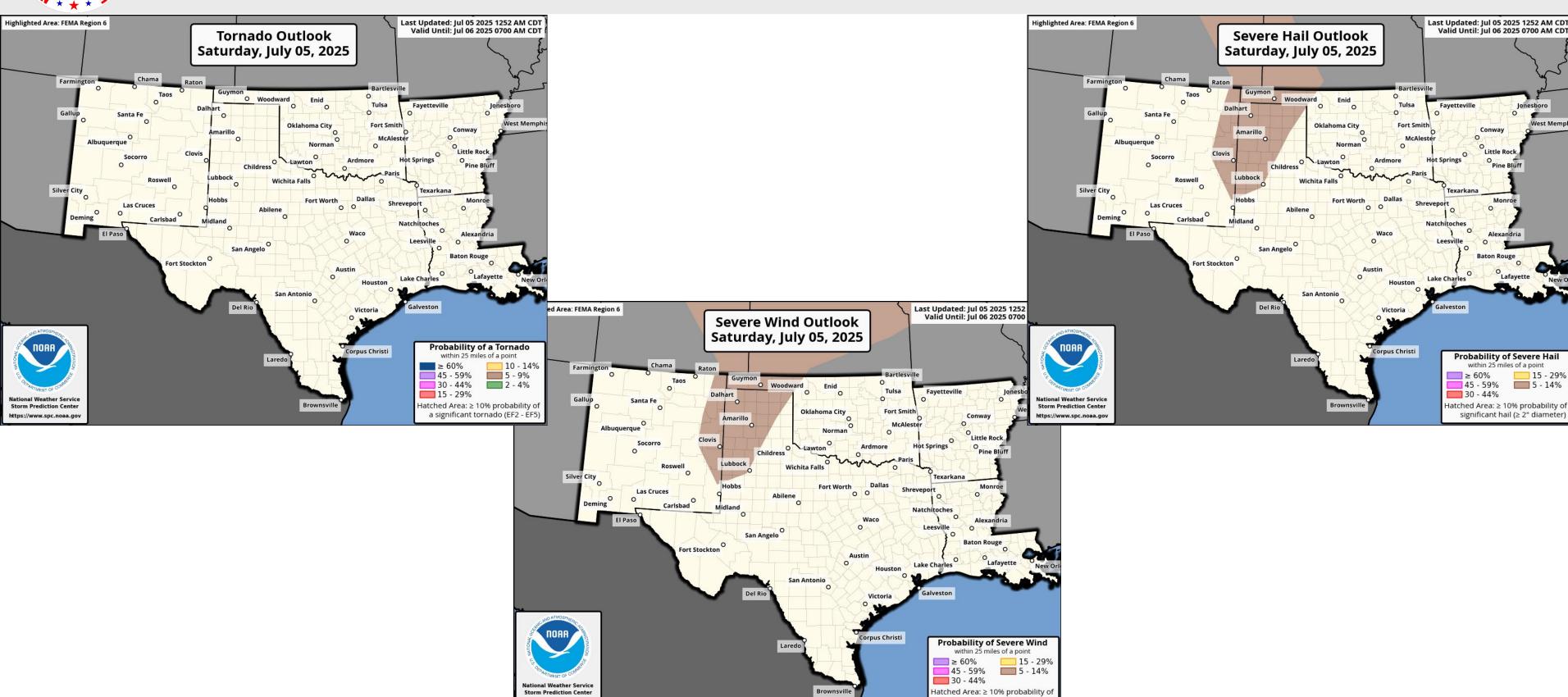
Marginal risk (level 1 of 5) for severe storms in NE NM,TX/OK Panhandles.

\*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

Unita Rock







Flood Watch Cntrl TX



Extreme Heat

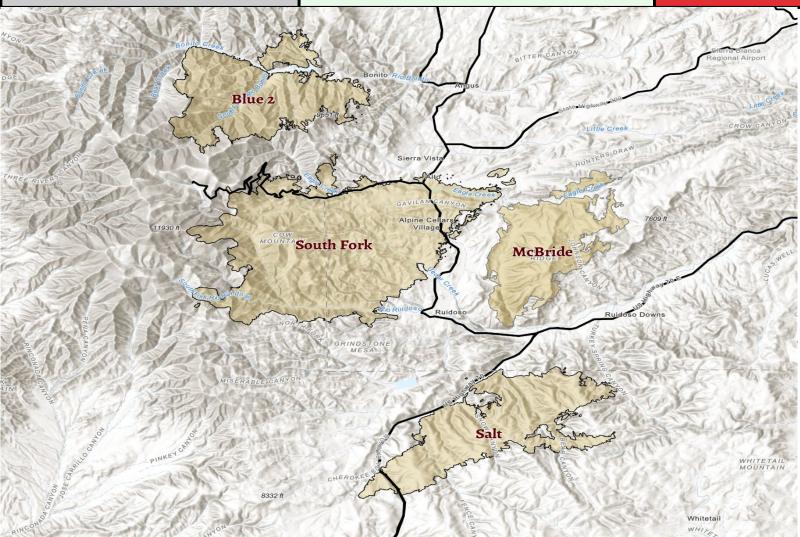
Heat Advisory



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

#### **Sacramento Complex**

	Saturday, Jul 5	Sunday, Jul 6	Monday, Jul 7	Tuesday, Jul 8
Flash Flooding		Major	Major	Moderate
Timing - CDT		lpm-8pm	Afternoon	Afternoon



Little to None	No Flash Flood Threat	
Minor (level I 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 scars.
- \*Note\* 2nd year burn scars can be more dangerous than year 1.

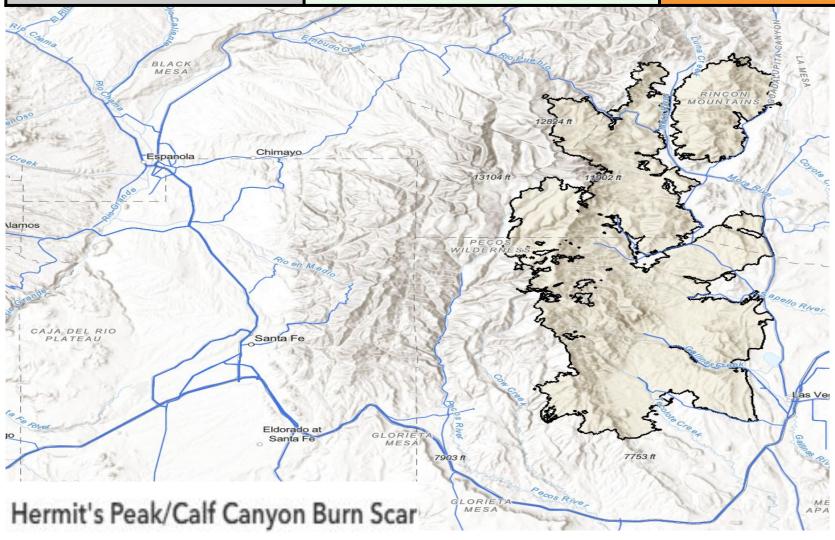




## Burn Scar Debris Flow Risk - HPCC Scars New Mexico

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

	Saturday, Jul 5	Sunday, Jul 6	Monday, Jul 7	Tuesday, Jul 8
Flash Flooding		Moderate	Moderate	Moderate
Timing - CDT		I-8 pm	Afternoon	Afternoon



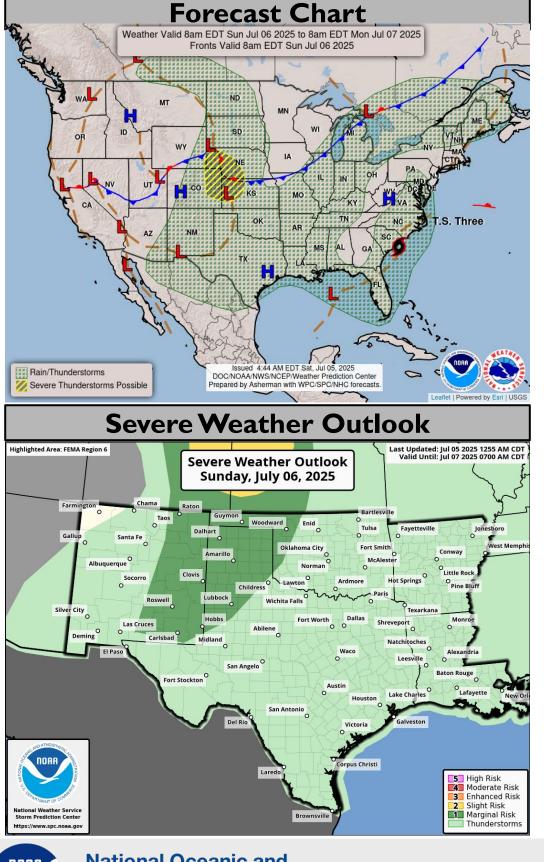
Little to None	No Flash Flood Threat
Minor (level I of 4)	Slight Risk of Flash Flooding
Moderate (level 2 of 4)	Probability of Flash Flooding Issuance 40% to 60%
Major (level 3 of 4)	Flood Watch Issued OR Debris Flow Probability > 50%
Extreme (level 4 of 4)	Life Threatening Flash Flooding Likely - Historic Type Day
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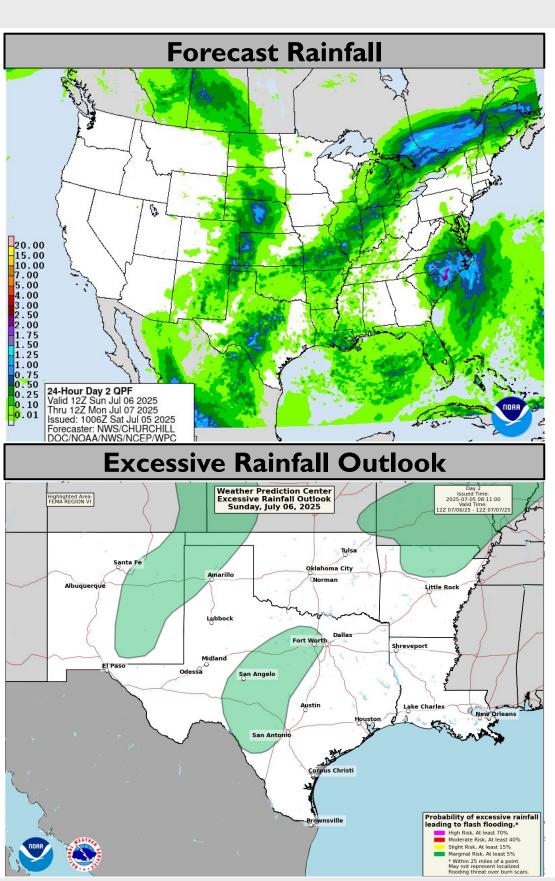
WPC's Excessive Rainfall Outlook is Not Applicable to burn scars.





#### Tomorrow's Weather





Marginal risk (level 1 of 4) of flash flooding in E NM, TX/OK Panhandles, C TX, N AR.

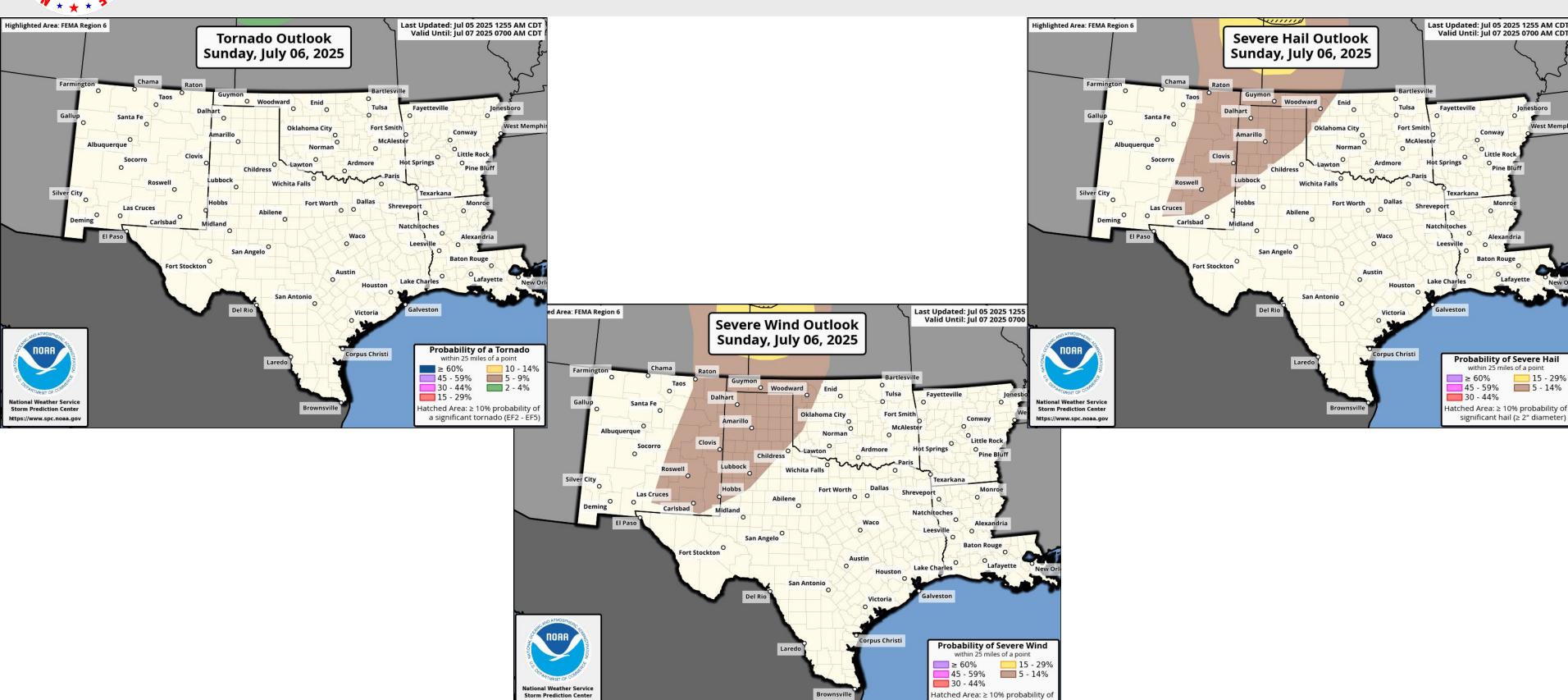
Marginal risk for severe storms (level I of 5) over E NM,TX/OK Panhandles,W OK.

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



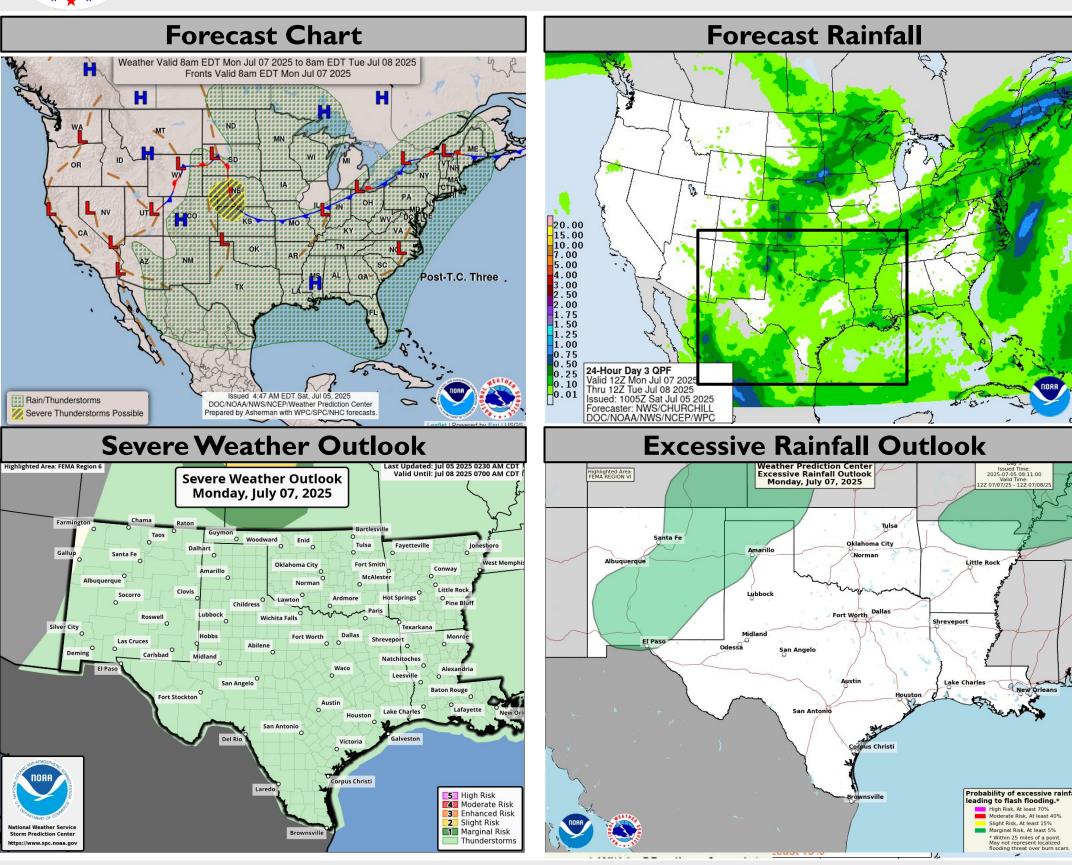


#### Tomorrow's Tornado & Severe Wind / Hail Probabilities





#### Monday's Weather



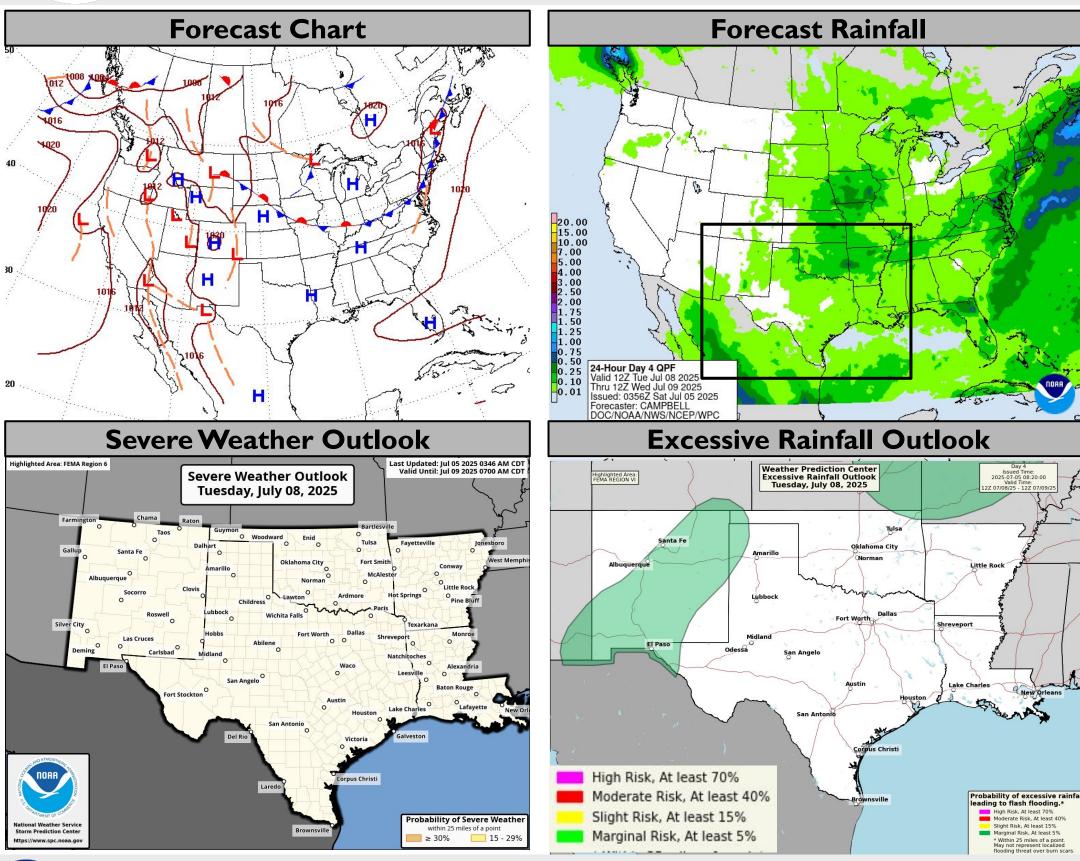
Marginal risk (level 1 of 4) of flash flooding in NM,TX/OK
Panhandles, N AR.

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





## Tuesday's Weather



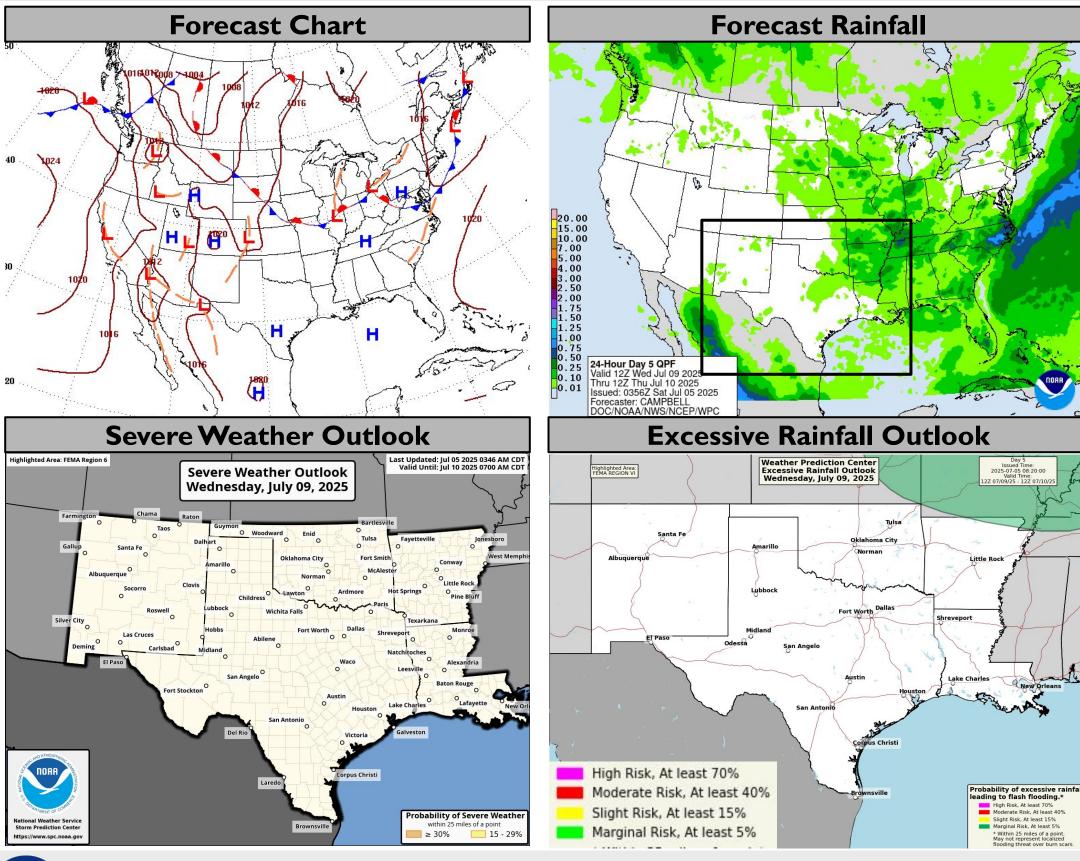
Marginal risk (level 1 of 4) of flash flooding in NM, WTX, WTX/OK Panhandles.

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





## Wednesday's Weather

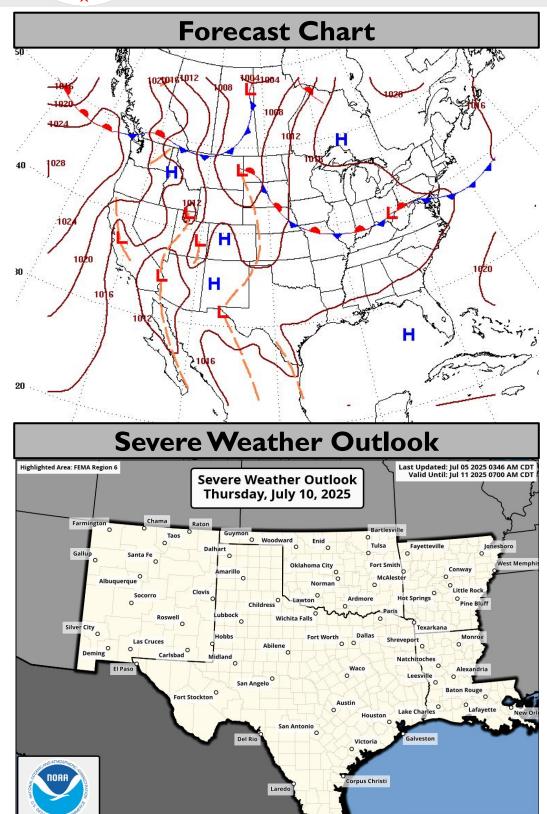


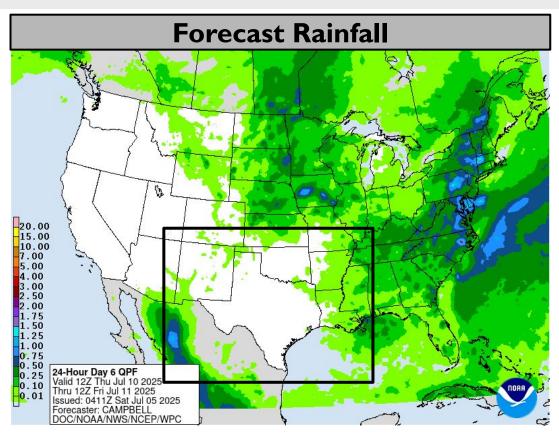
No significant weather expected.



### Thursday's Weather

obability of Severe Weather



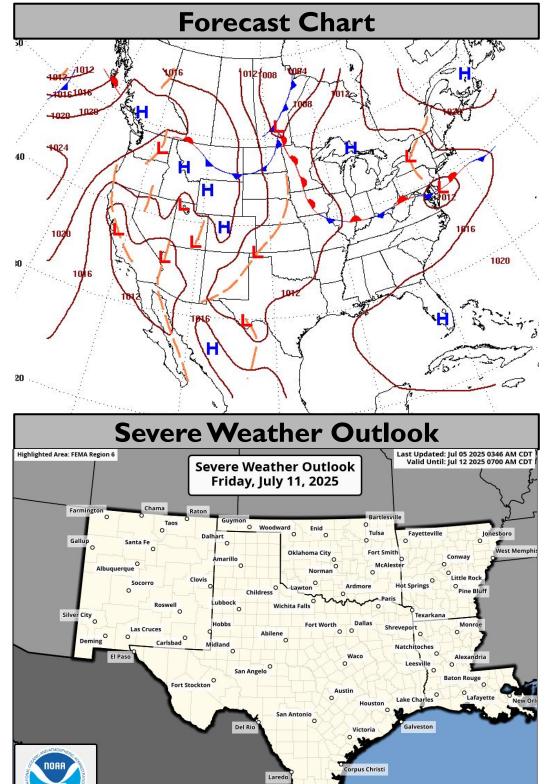


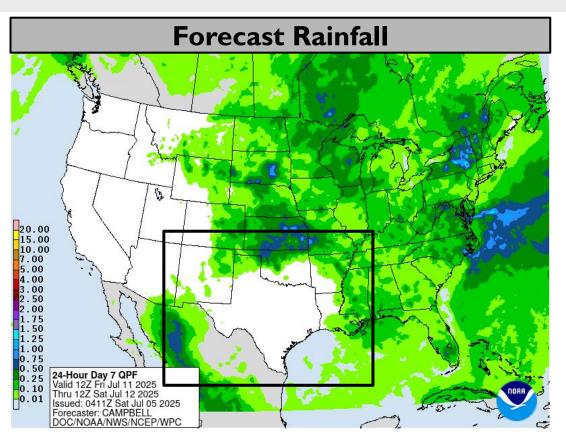
**Excessive Rainfall Outlooks** not available beyond Day 5

No significant weather expected.



## Friday's Weather



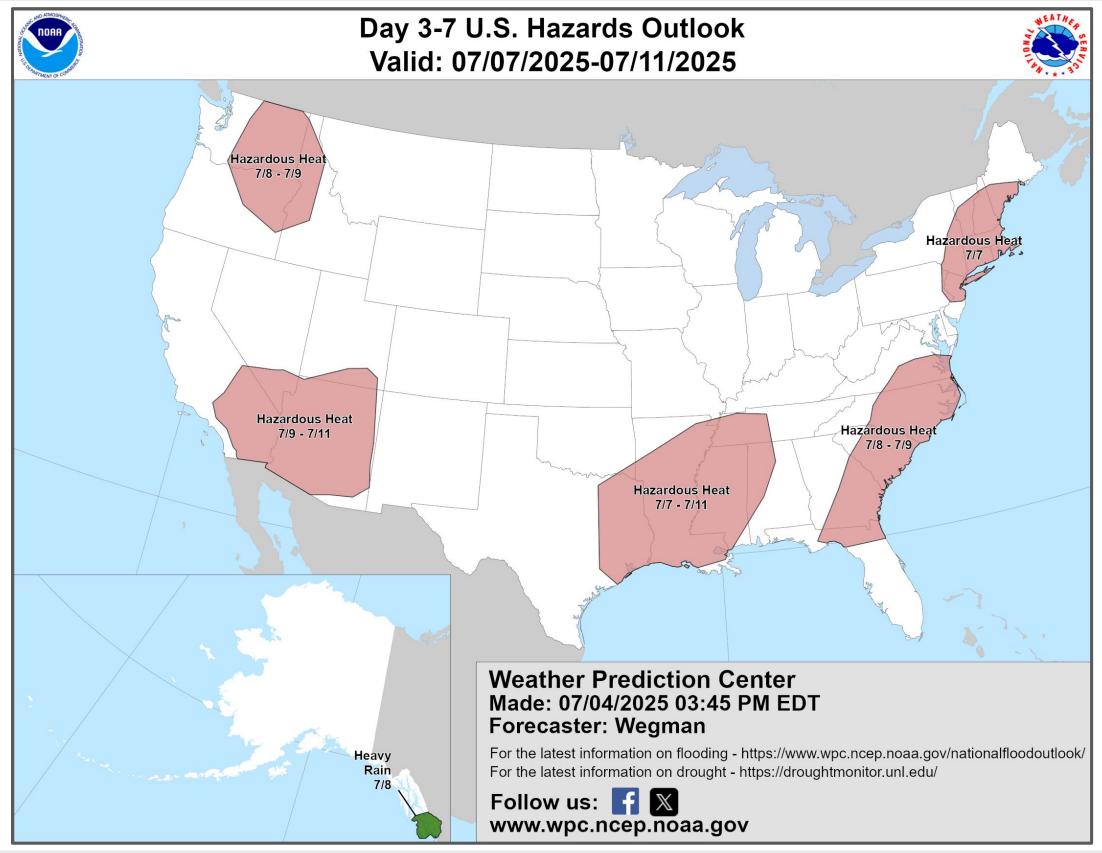


**Excessive Rainfall Outlooks** not available beyond Day 5

No significant weather expected.



#### "Day 3-7" Hazards Outlook



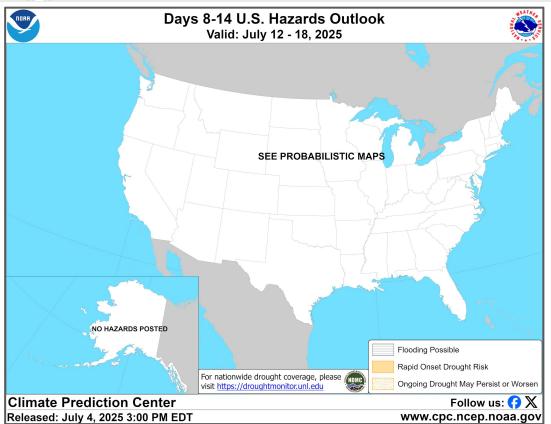
NOTE: These outlooks are issued in the afternoon and only issued on weekdays. Because of that and the fact that these slides are issued in the mornings:

- I. 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 <a href="https://www.wpc.ncep.noaa.gov/threats/threats.php">https://www.wpc.ncep.noaa.gov/threats/threats.php</a>



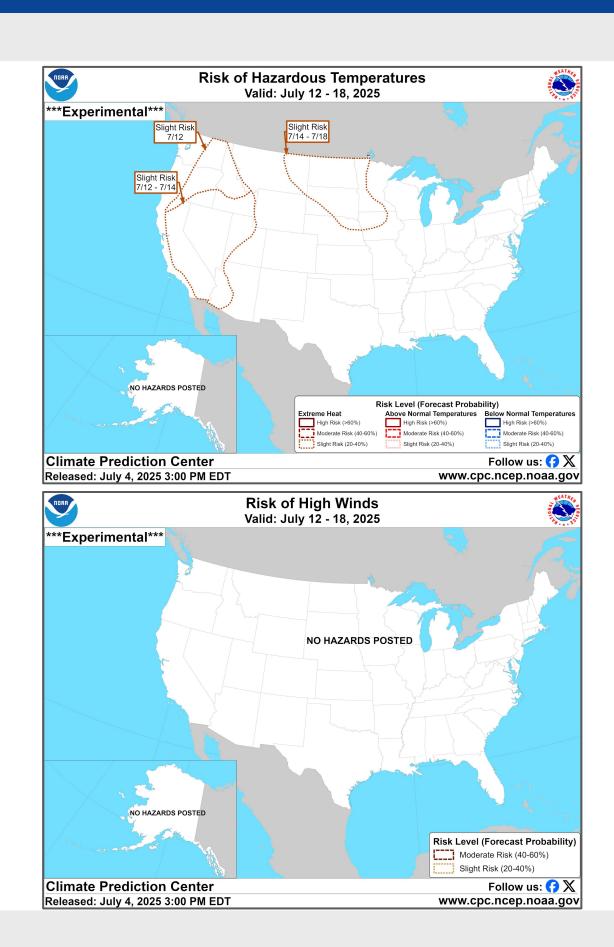
#### "Day 8-14" Hazards Outlook

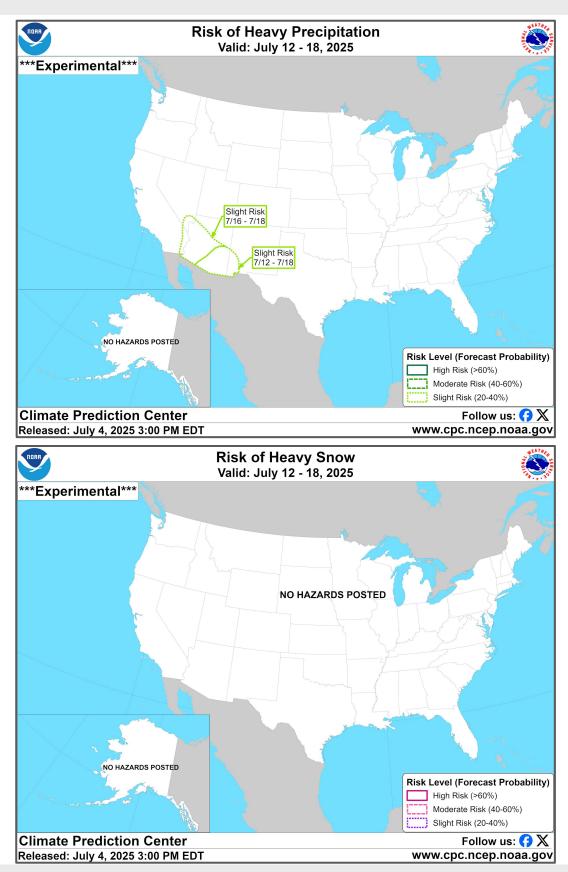


NOTE: These outlooks are issued in the afternoon and only issued on weekdays. Because of that and the fact that these slides are issued in the mornings:

- I. 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 <a href="https://www.cpc.ncep.noaa.gov/products/predictio">https://www.cpc.ncep.noaa.gov/products/predictio</a> <a href="mailto:ns/threats/threats.php">ns/threats/threats.php</a>



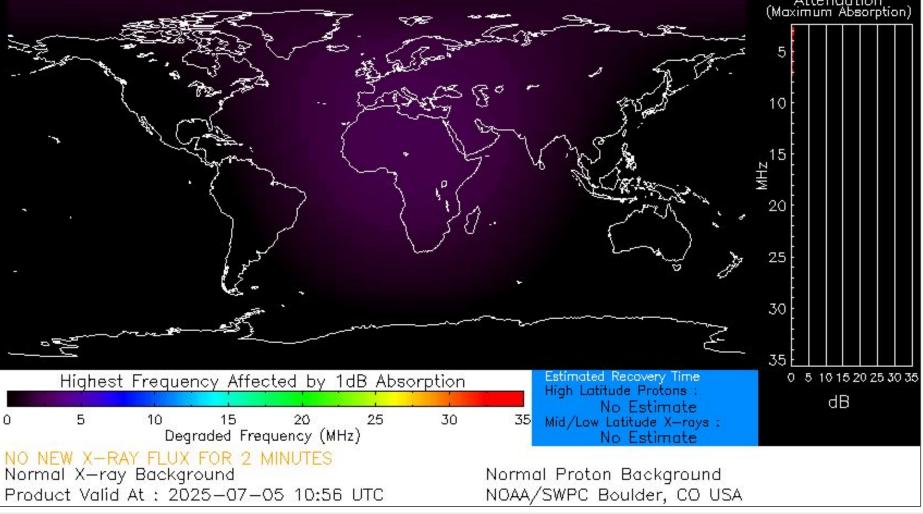






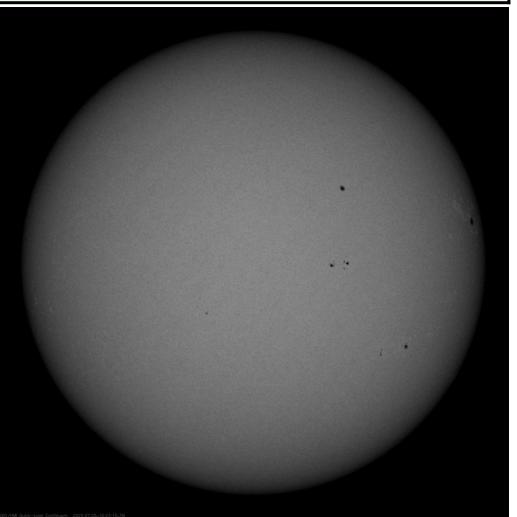
## Space Weather 3-Day Forecast

	Saturday, Jul 5	Sunday, Jul 6	Monday, Jul 7
Geomagnetic Storms	Unsettled (Max Kp = 3)	Unsettled (Max Kp = 3)	Unsettled (Max Kp = 3)
Solar Radiation Storm (S1-S5)	<b>I</b> %	1%	1%
Radio Blackout (R1-R2)	10%	10%	10%
Radio Blackout (R3-R5)	1%	1%	1%



**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**

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