



FEMA



Prepared by
Patricia Sanchez

FEMA Region 6 Weather Threat Briefing

Monday, August 25, 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.



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

National Weather Service
Southern Region



Summary

- **Flash Flooding:**

- **Slight risk (level 2 of 4) for NE NM, OK, TX Panhandle, W AR today; N NM tomorrow; N OK Wednesday; and NE NM, NE OK, AR Thursday.**
 - **Additional rounds of heavy rain for the Southern Plains/Lower MS Valley by end of week.**
- **NM Burn Scars: Major risk (level 3 of 4) for the HPCC complex through at least midweek and spreading south by mid-week. HPCC and Sacramento burn scar complexes both at Major risk by Wednesday.**
 - **Rain rates today up to 2" per hour today over the HPCC burn scar.**

- **Tropical:**

- **Fernand formed in the Atlantic and has no expected impacts to FEMA 6.**
- **The probability of formation for a tropical disturbance in the eastern caribbean sea has diminished, still no impacts expected to FEMA 6 over the next 7 days.**





FEMA Region 6 Threat Matrix

Next 7 days

	Monday, Aug 25	Tuesday, Aug 26	Wednesday, Aug 27	Thursday, Aug 28	Friday, Aug 29	Saturday, Aug 30	Sunday, Aug 31
Severe Storms							
Heavy Rain / Flash Flooding	NE NM, OK, TX Panhandle, W AR	N NM	N OK	NE NM, E OK, AR, N LA	NE NM, S OK, N TX, AR		
Burn Scars	N NM	S NM	NM	NM			
	S NM	S NM					
Tropical							
Heat							
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.

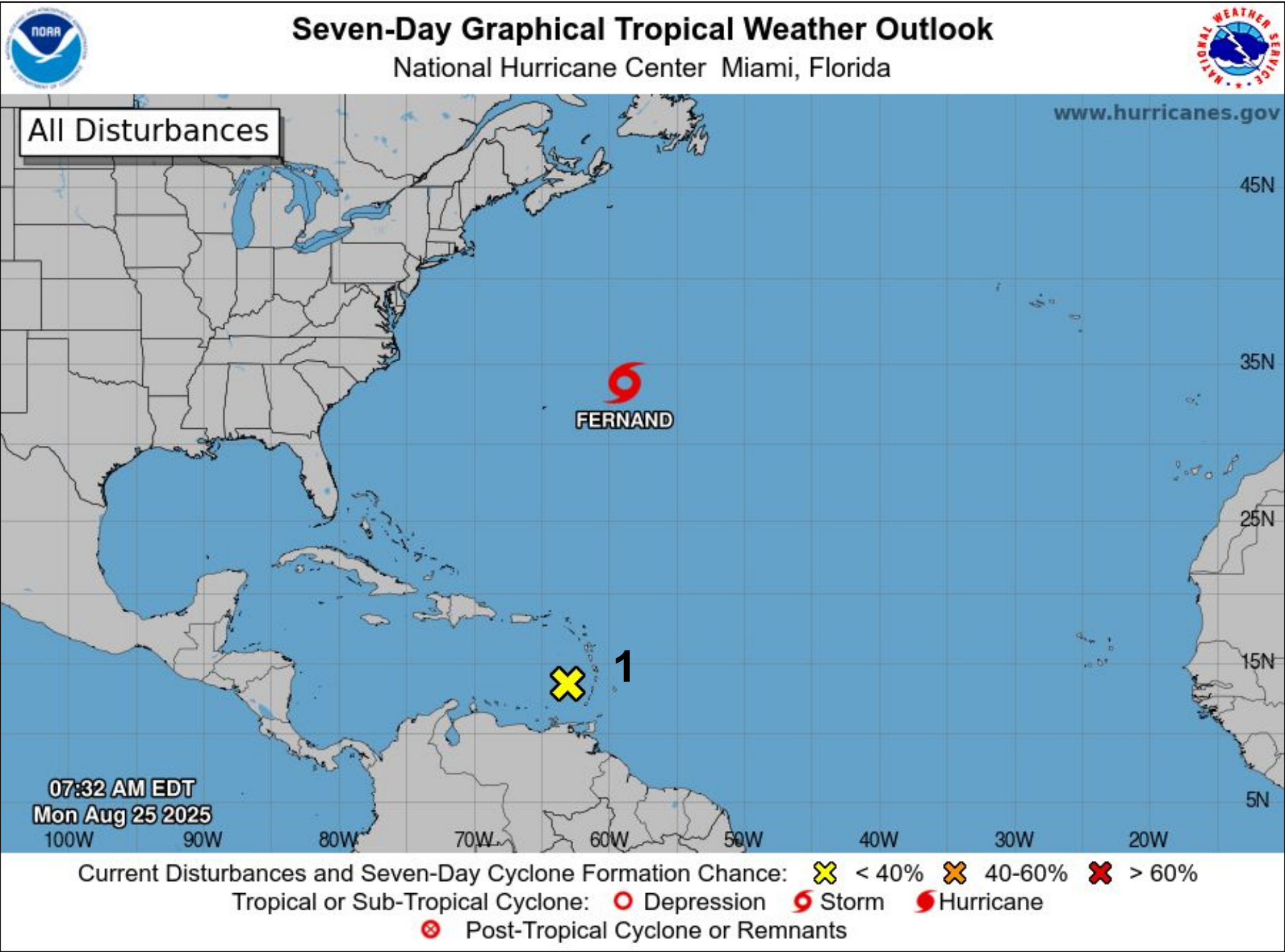
Risk Levels	Little to None	Minor	Moderate	Major	Extreme
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Tropical Weather Outlook – Atlantic/Gulf

Areas of Possible Development		
Area	Chance of Development	Potential Impacts to FEMA 6
1	None (0%)	None in the next 7 days

Active Tropical Cyclones	
Storm	Potential Impacts to FEMA 6
Fernand	None



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

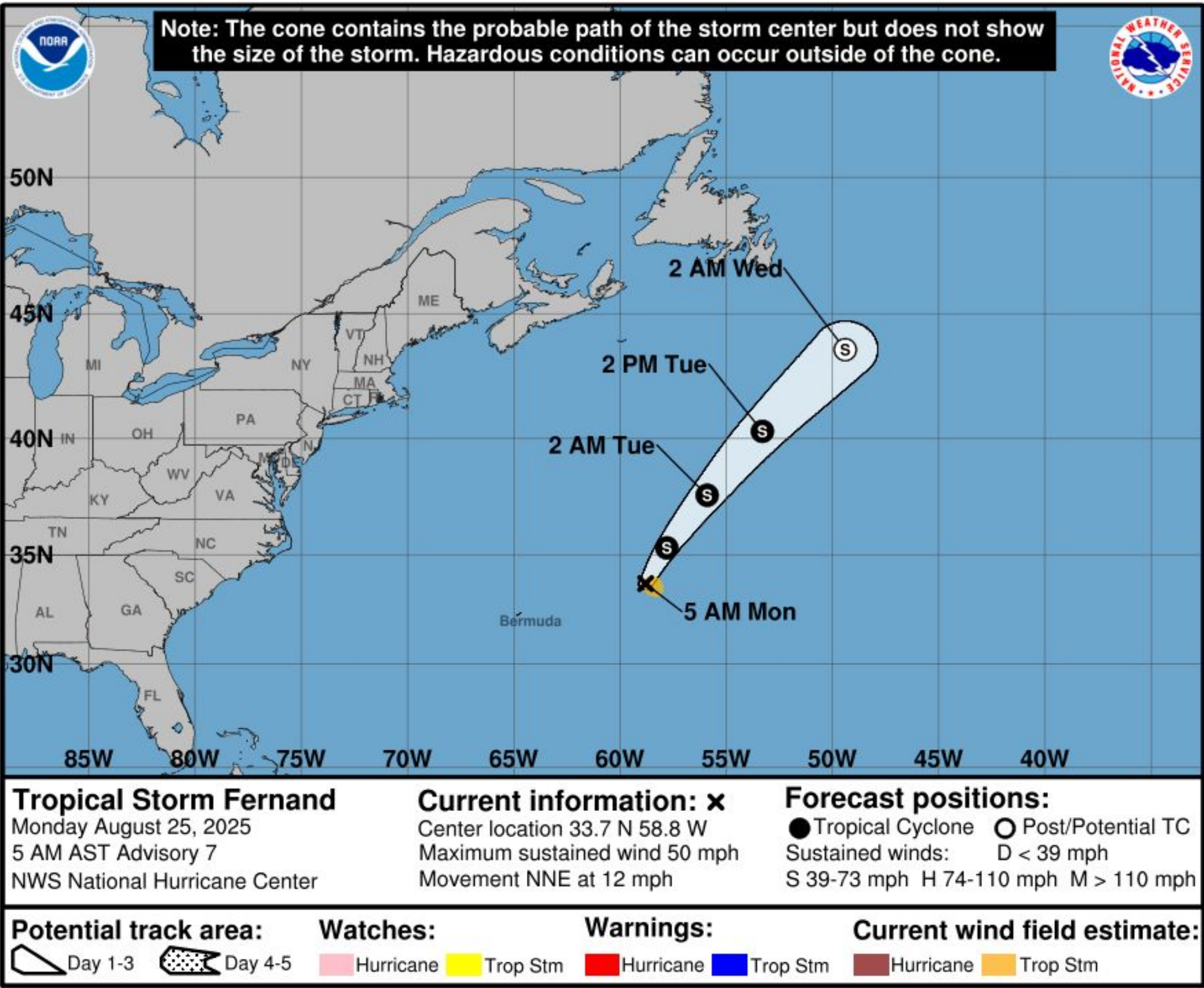




Tropical Storm Fernand

August 25, 2025
2:18 PM

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



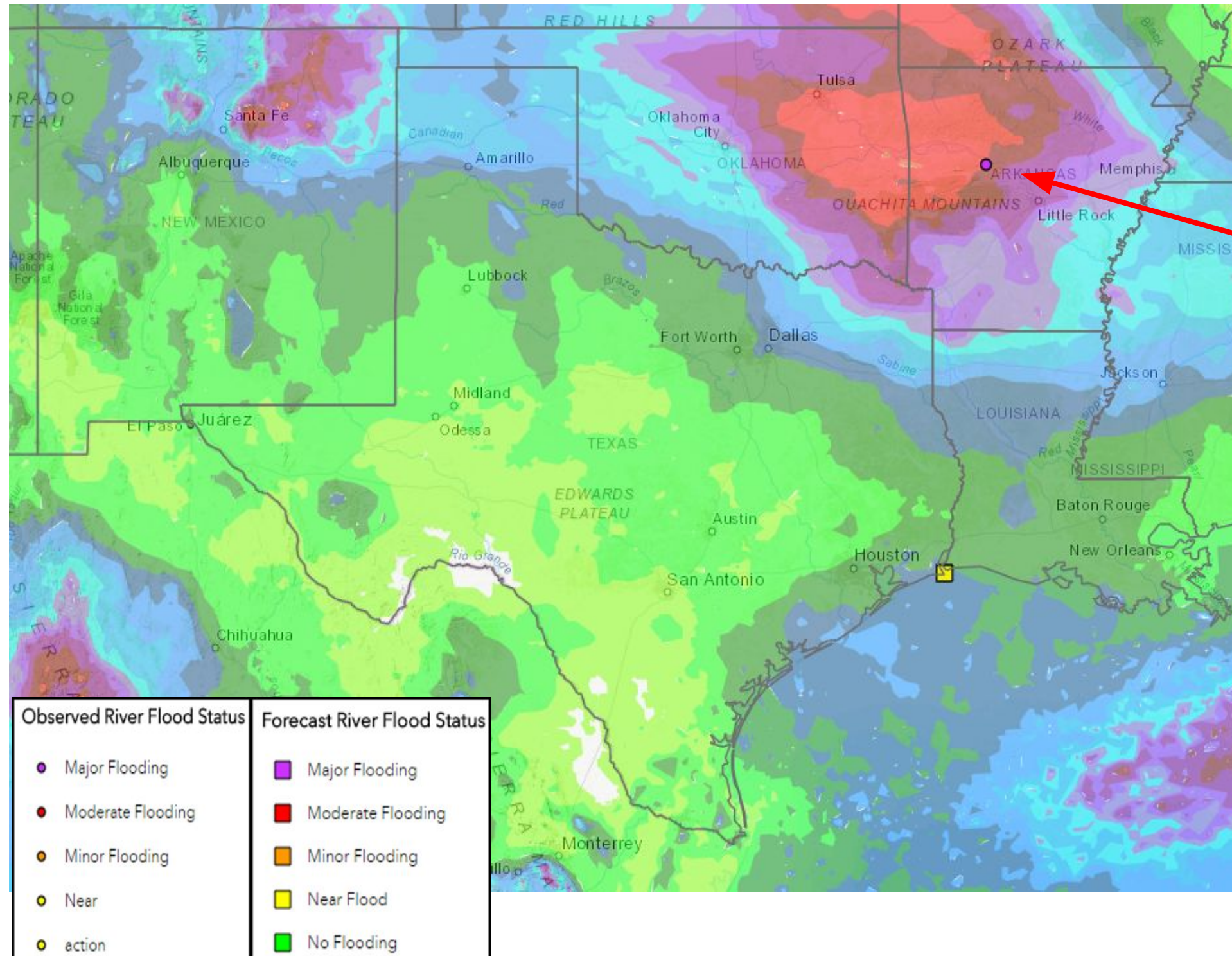
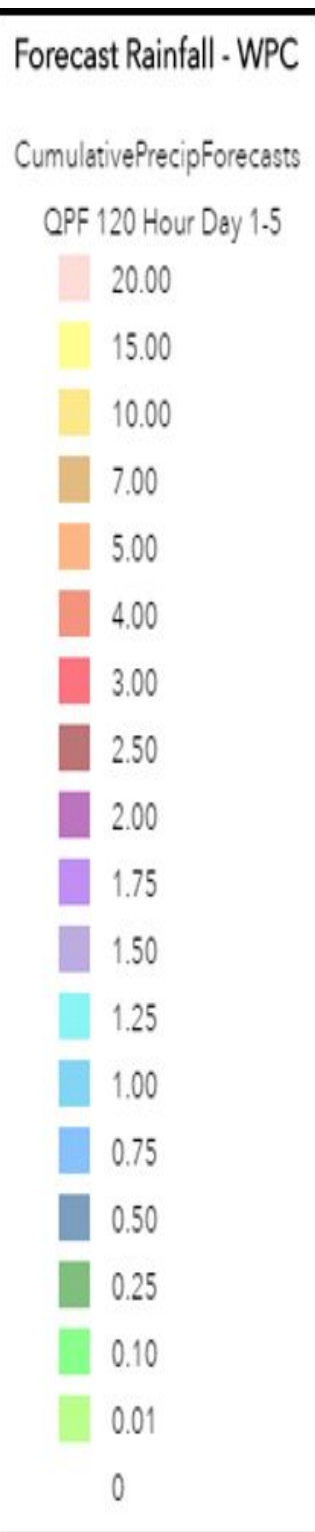
No impacts to FEMA 6 expected.





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



No significant river flooding.

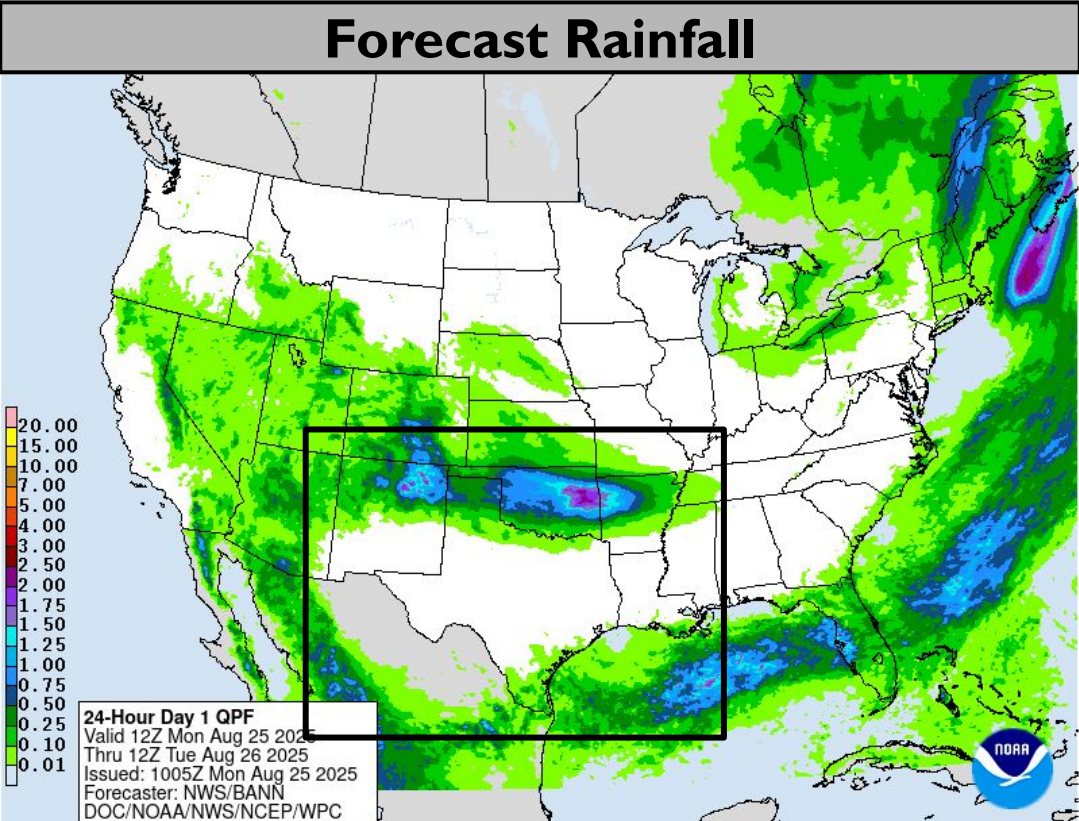
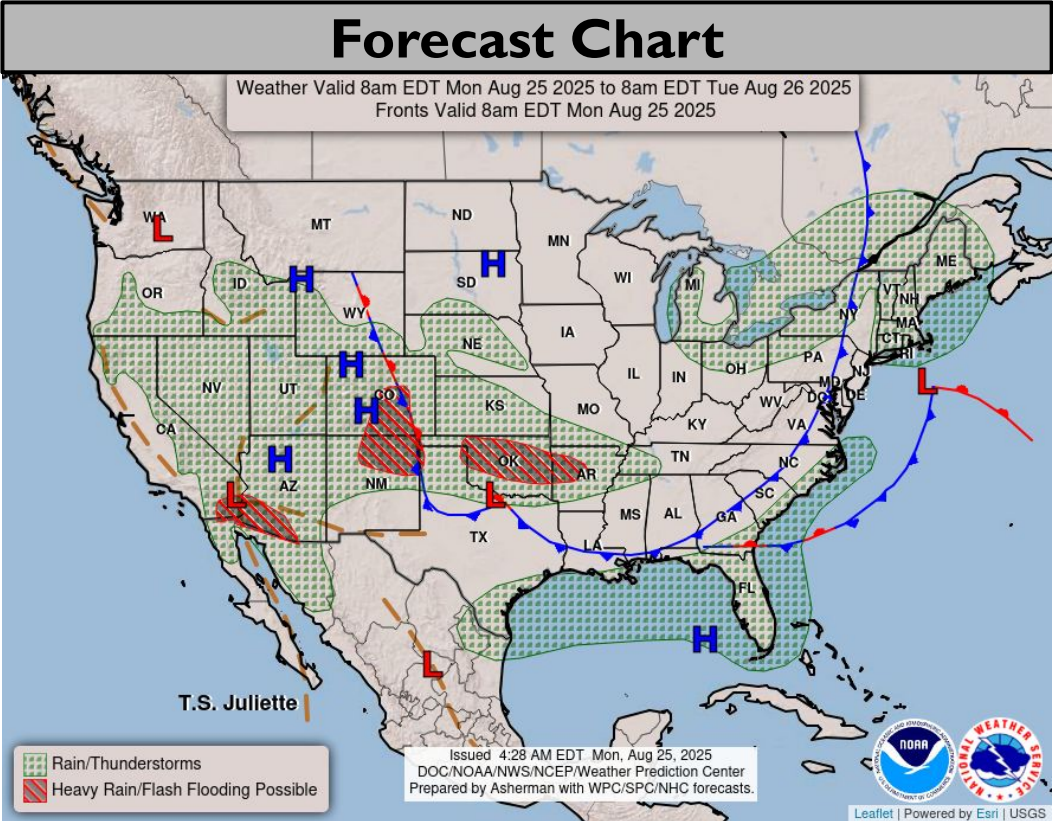
Bad Data

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.



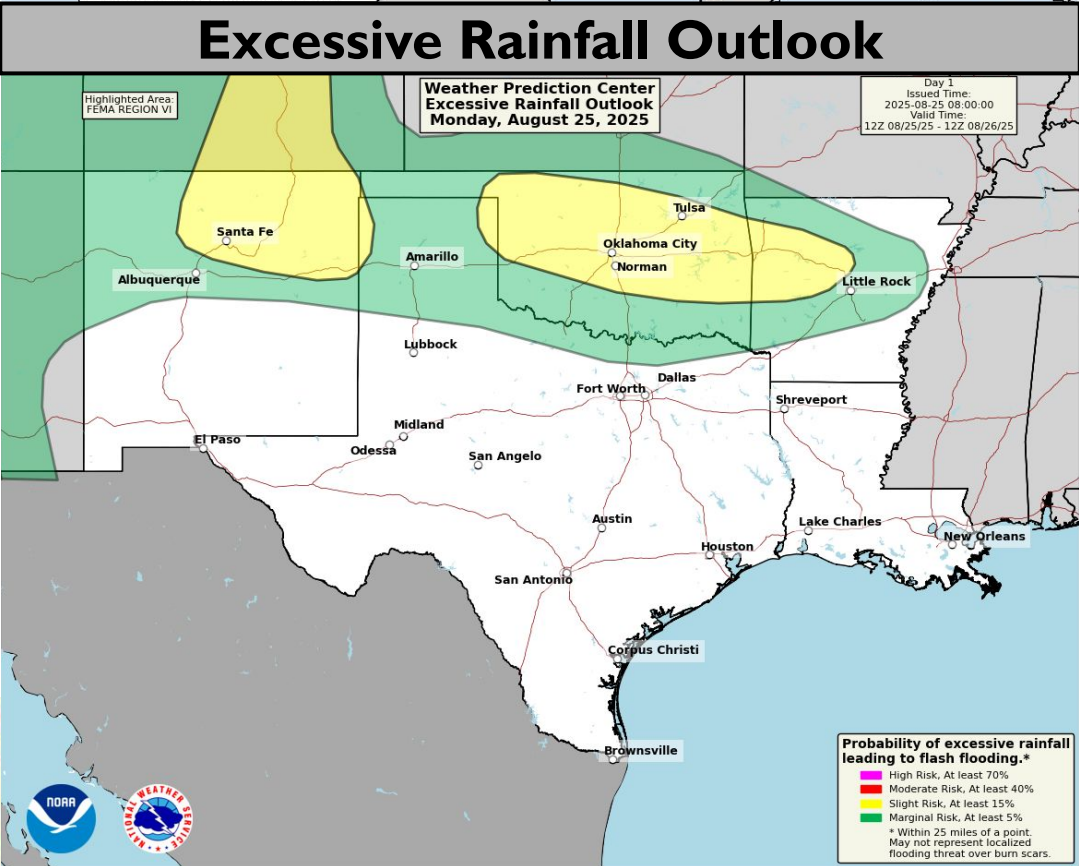
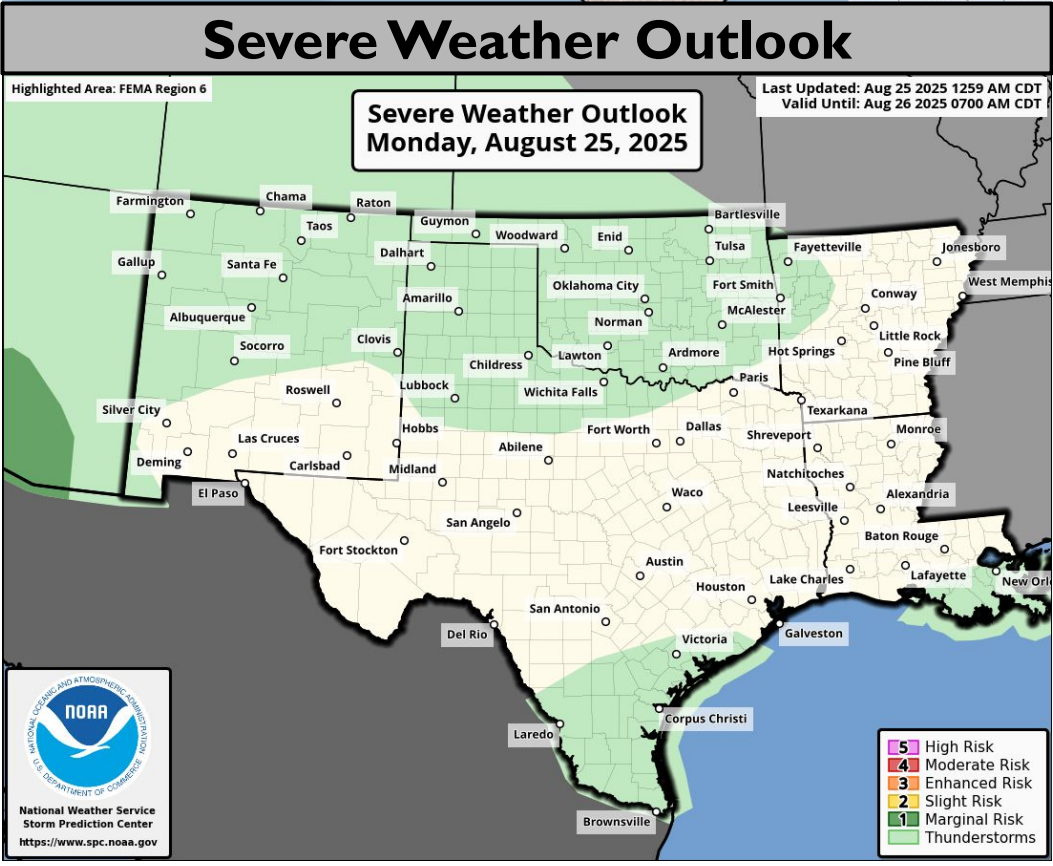


Today's Weather



Slight risk (level 2 of 4) for flash flooding in NE NM, OK, TX Panhandle, W AR.

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

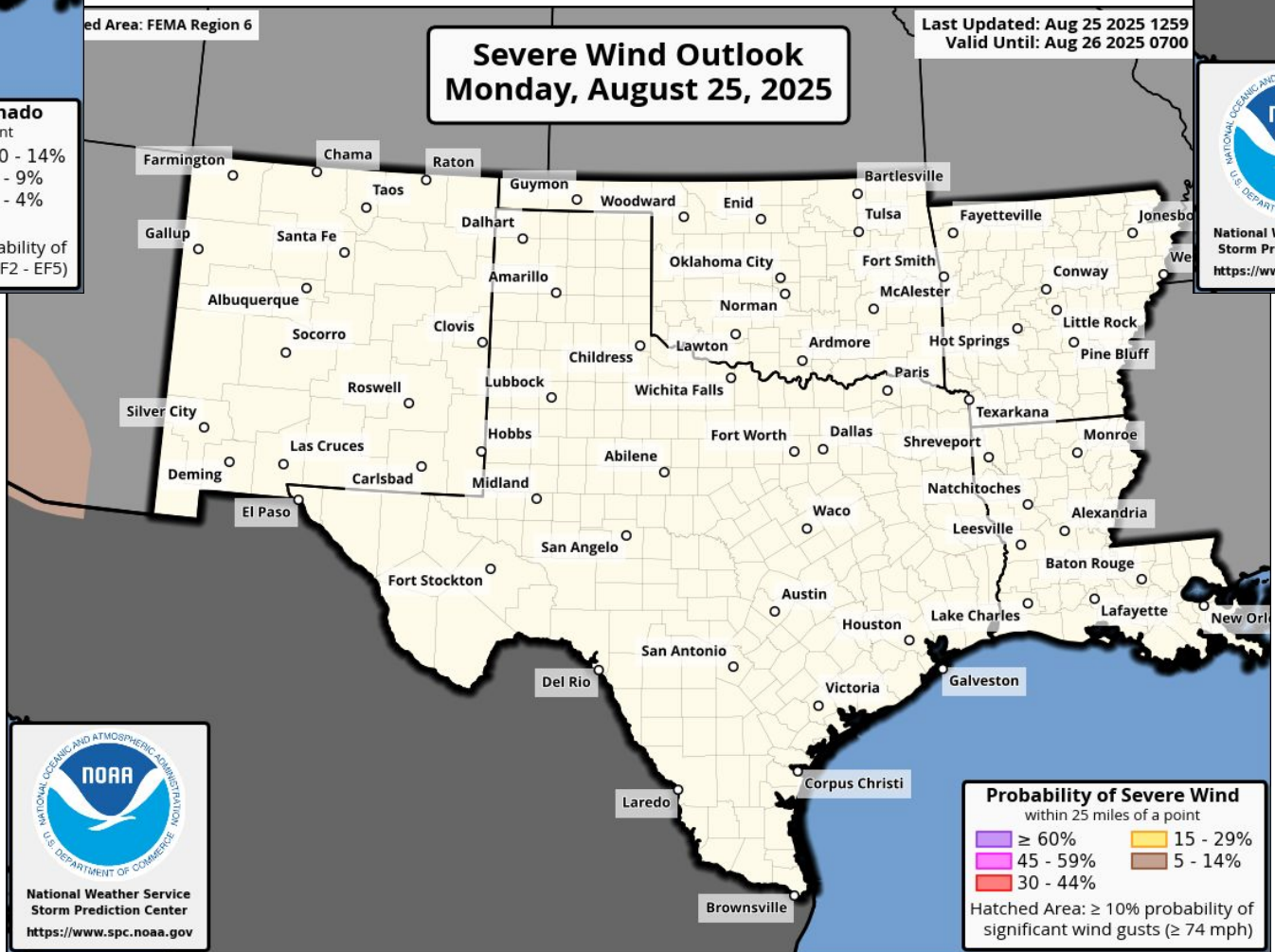
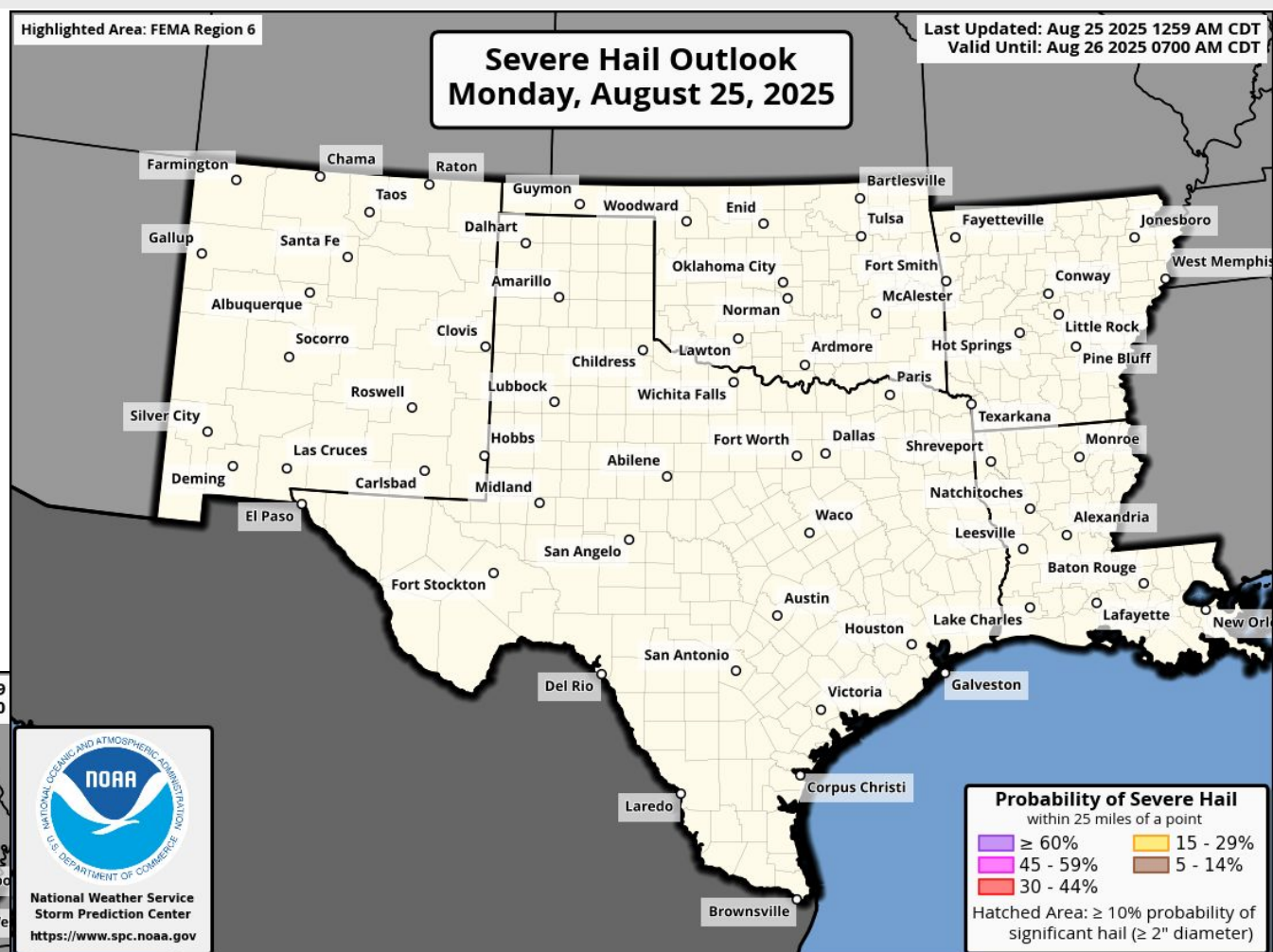
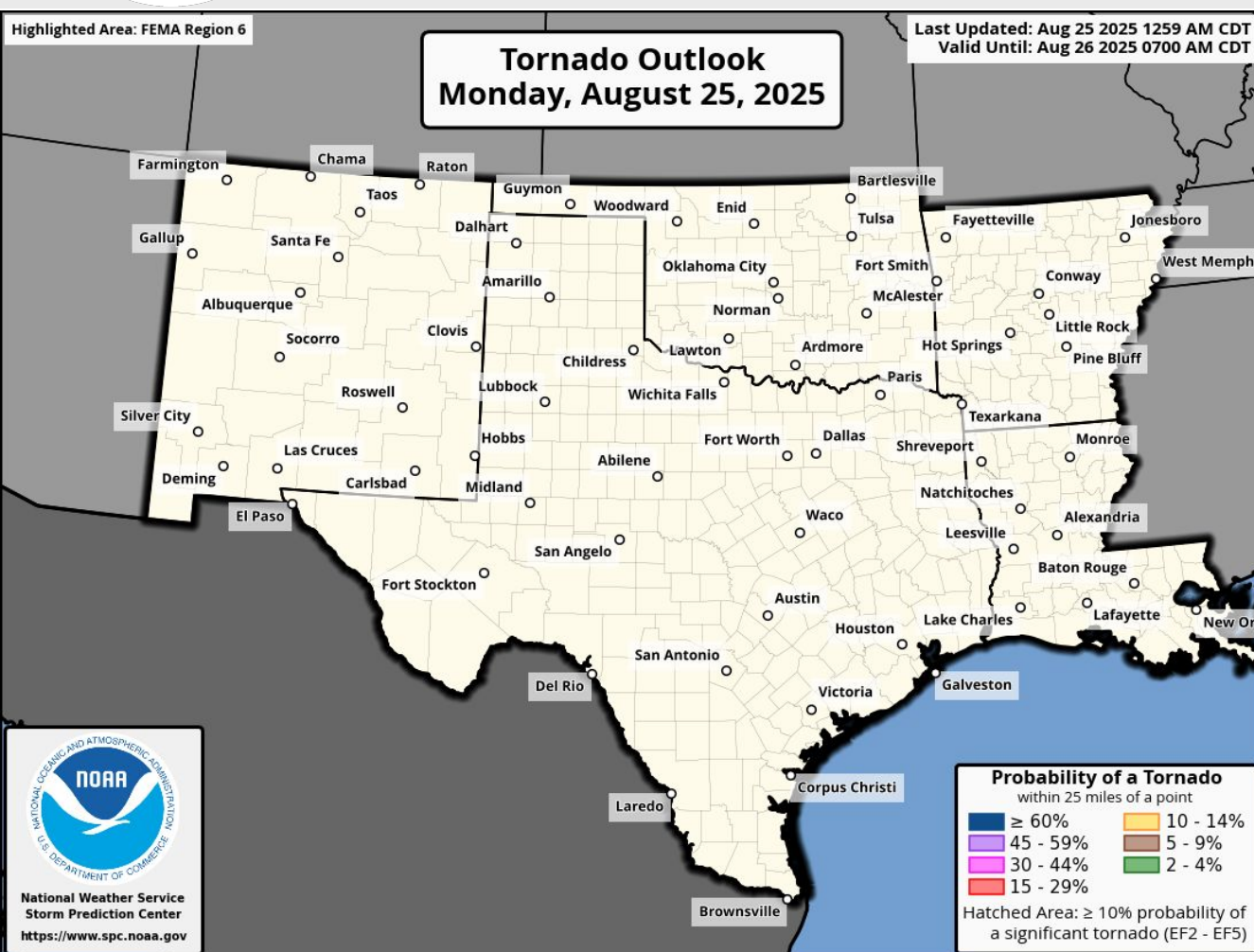


****Burn Scar Flash Flooding information on Burn Scar Matrix slides****





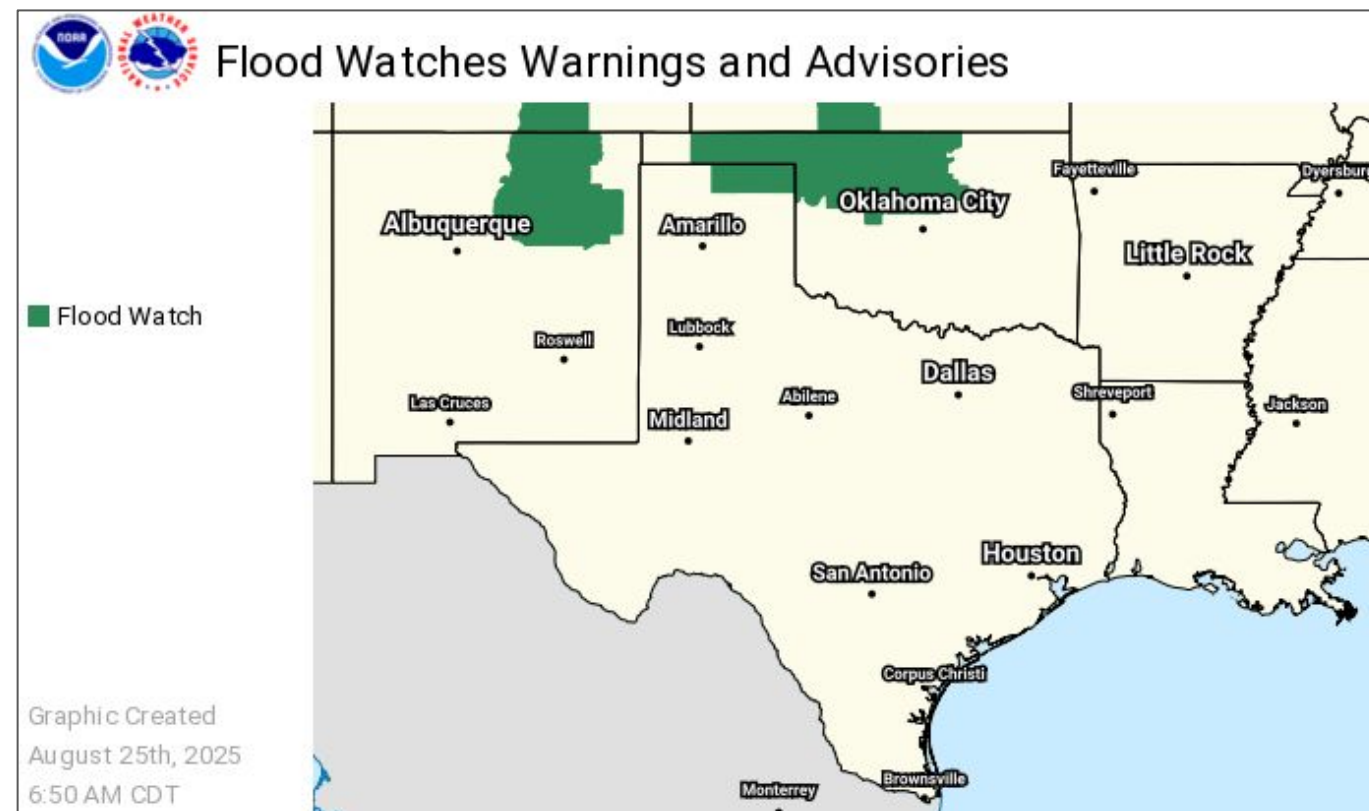
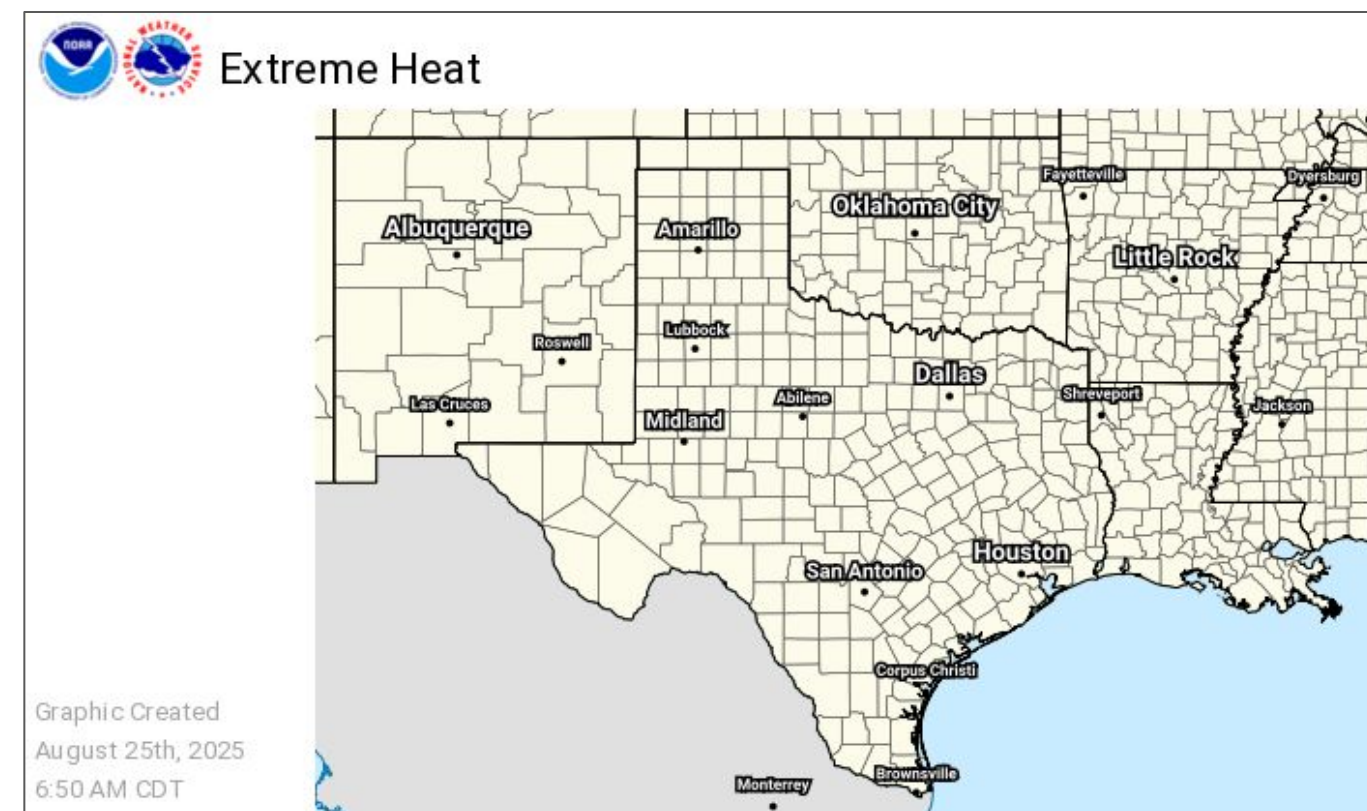
Today's Tornado & Severe Wind / Hail Probabilities





Watches, Warnings, and Advisories

Wind, Severe, Heat, and Flood Hazards



**Flood Watch for N NM
from 1 PM CDT today
through 7 AM CDT
Tuesday.**

**Rain rates today up to 2”
per hour today over the
HPCC burn scar.**

**Flood Watch for:
OK through 6PM today
TX Panhandle 1pm today**



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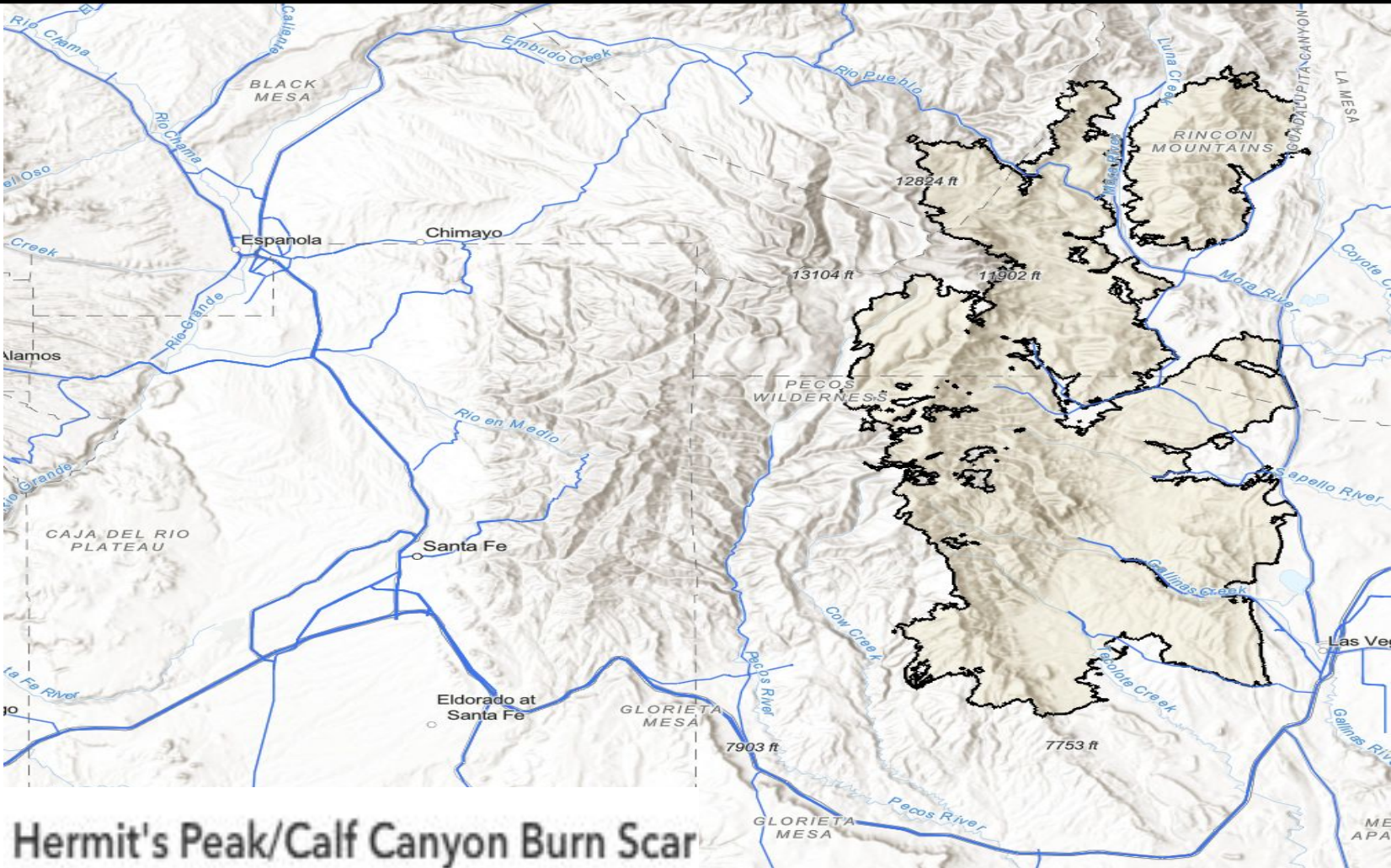
National Weather Service
Southern Region



Burn Scar Debris Flow Risk - HPCC Scar New Mexico

Hermit's Peak/Calf Canyon Burn Scar

	Monday, Aug 25	Tuesday, Aug 26	Wednesday, Aug 27	Thursday, Aug 28
Flash Flooding	Major	Major	Major	Moderate
Timing - CDT	2pm - 7pm	Through the morning hours	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">WPC's Excessive Rainfall Outlook is <i>Not Applicable</i> to burn scars.	

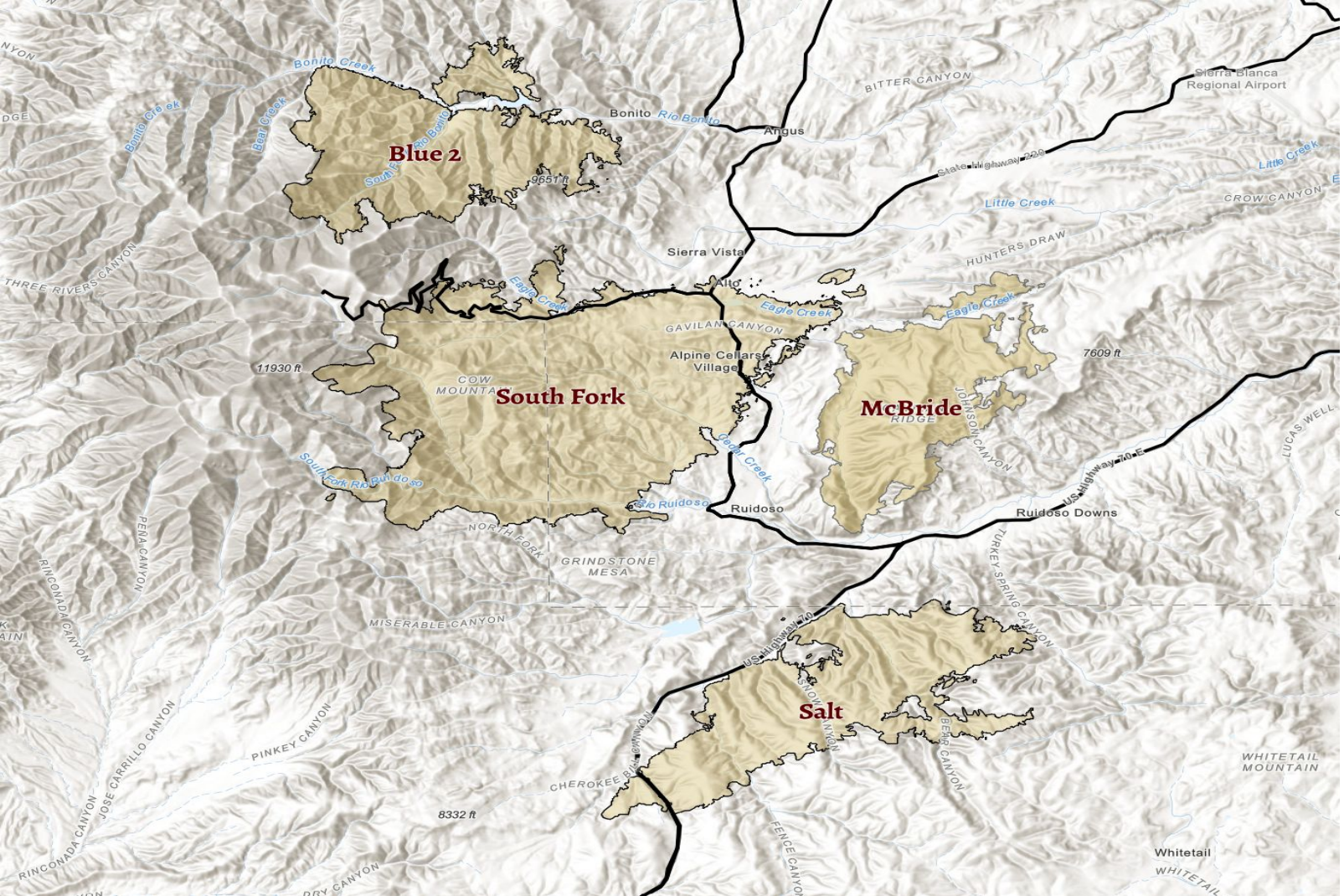




Burn Scar Debris Flow Risk - Ruidoso, New Mexico

Sacramento Complex

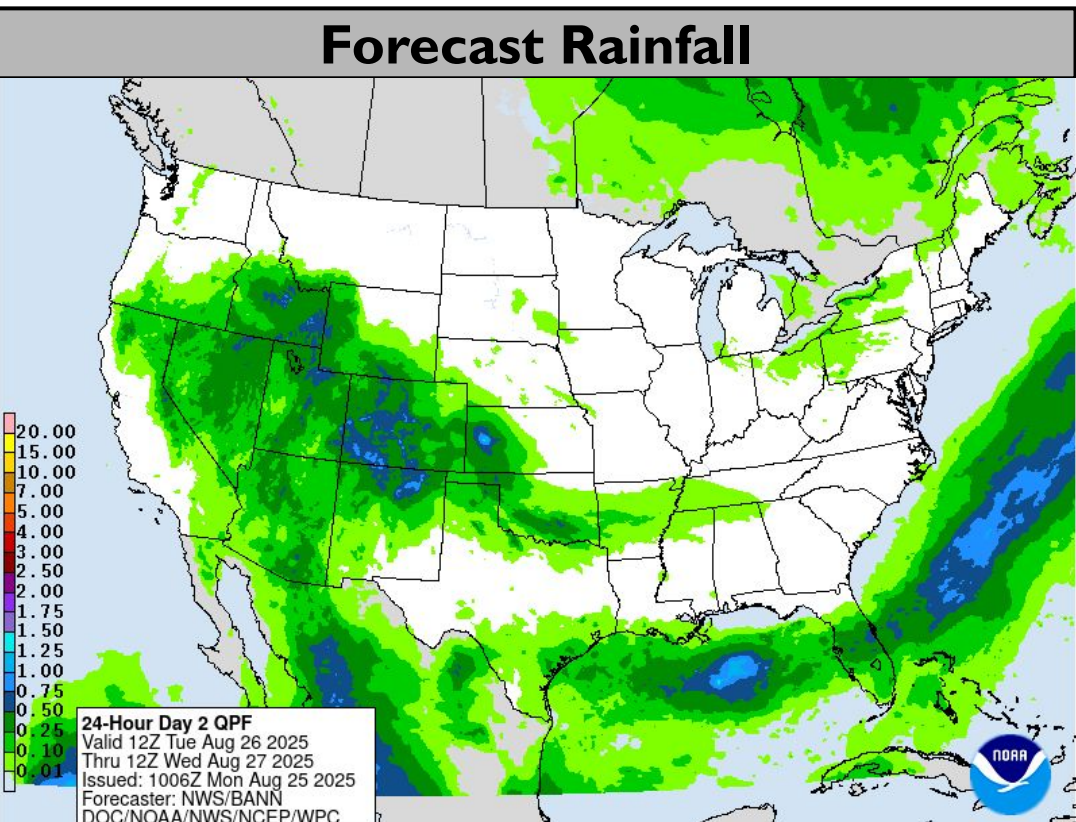
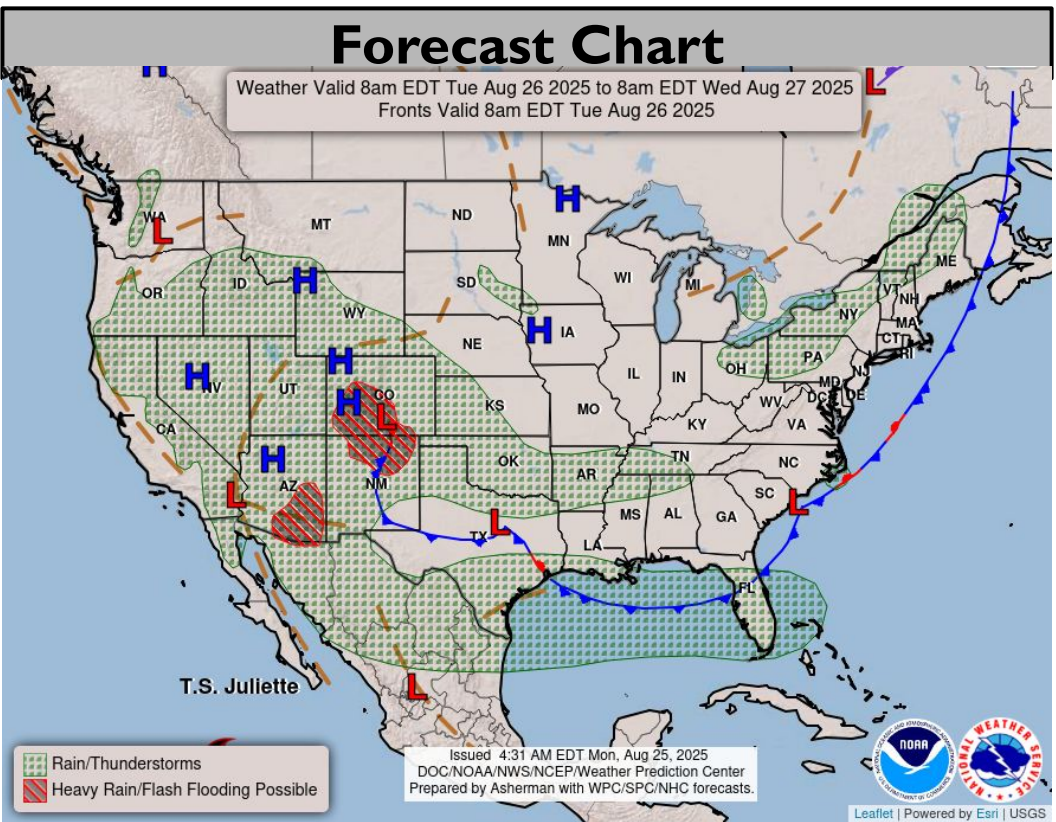
	Monday, Aug 25	Tuesday, Aug 26	Wednesday, Aug 27	Thursday, Aug 28
Flash Flooding	Minor	Moderate	Major	Moderate
Timing - CDT	1pm-9pm	Afternoon-Night	Afternoon-Evening	Afternoon-Evening



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">WPC's Excessive Rainfall Outlook is <i>Not Applicable</i> to burn scars.*Note* 2nd year burn scars can be <u>more dangerous</u> than year 1.	

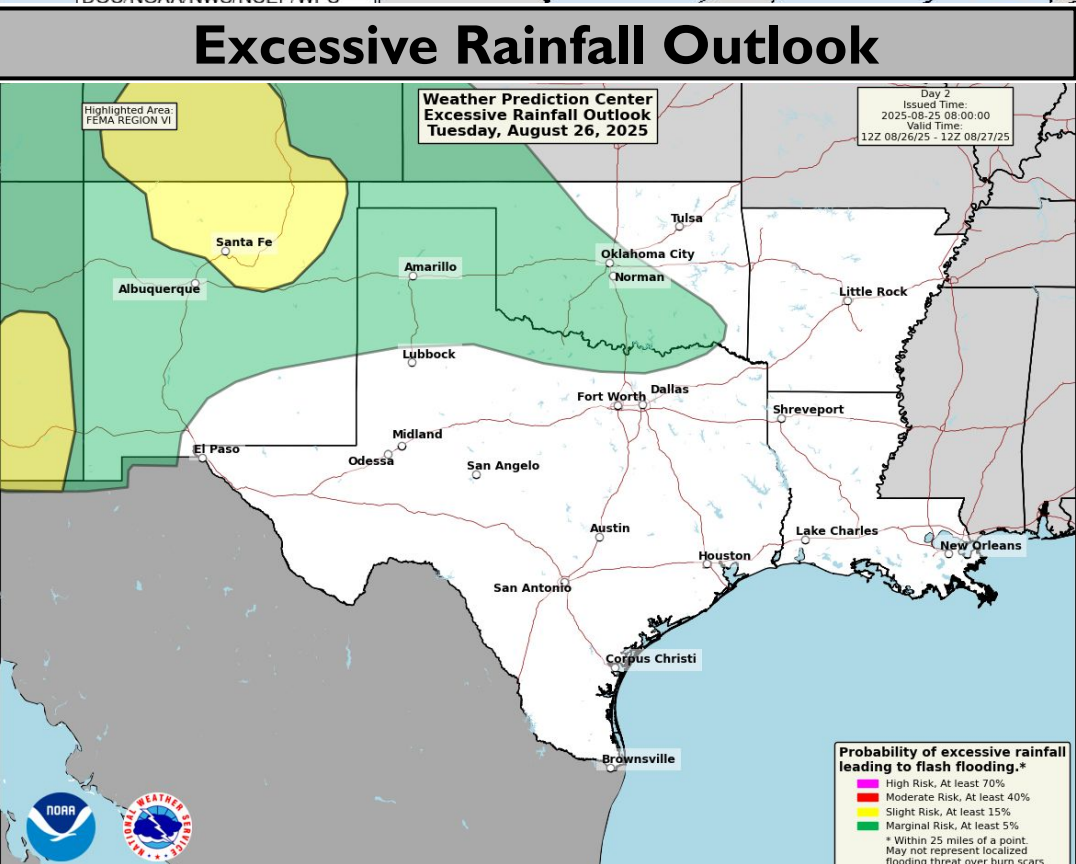
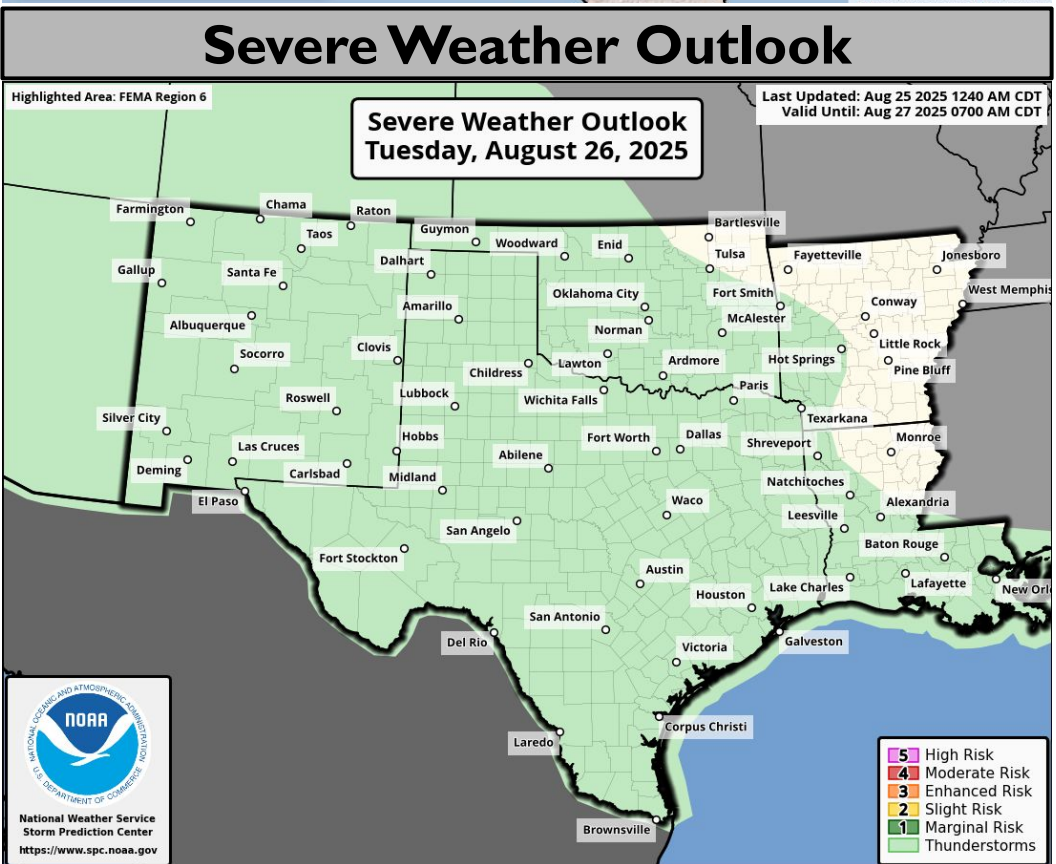


Tomorrow's Weather



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

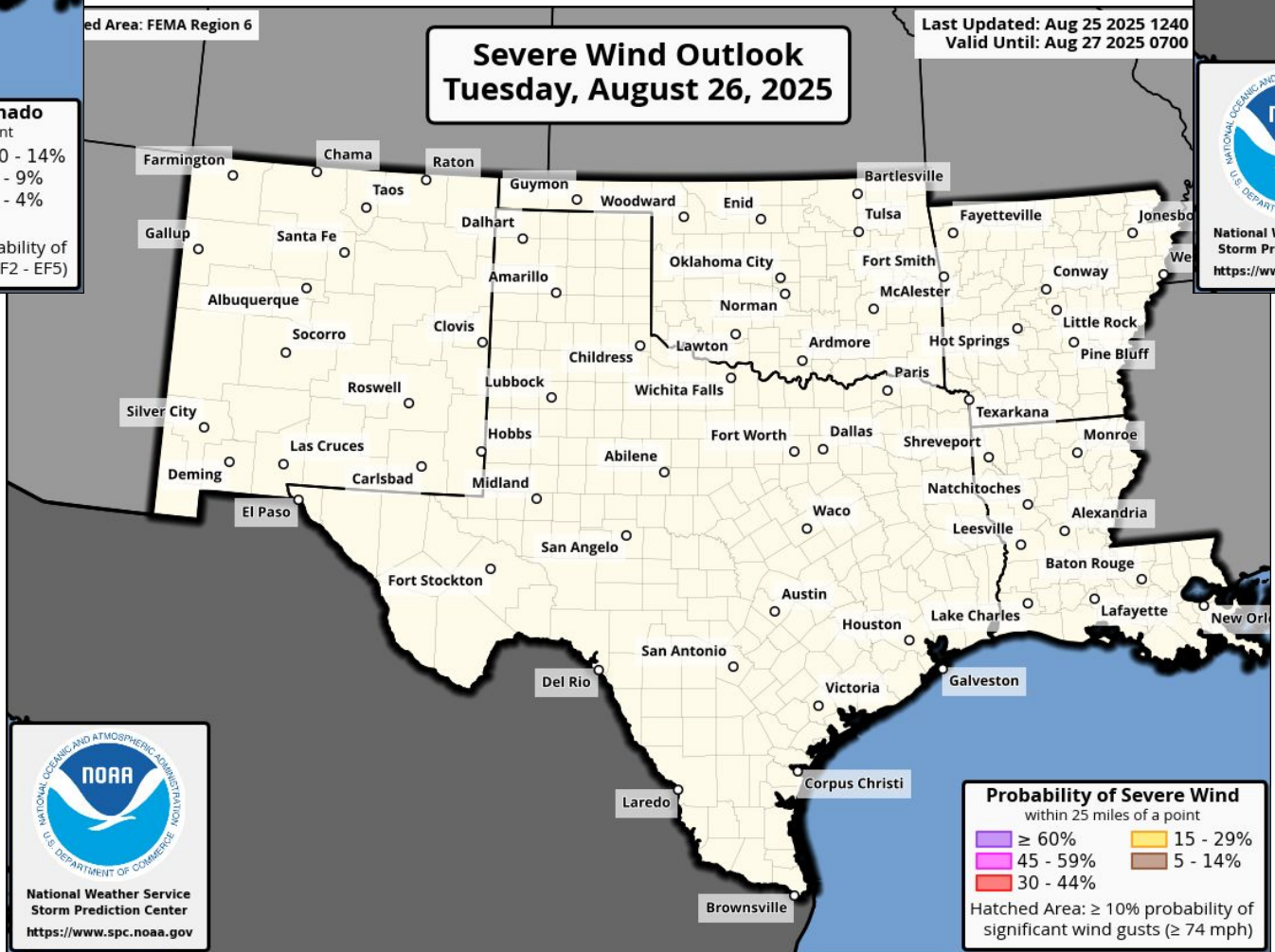
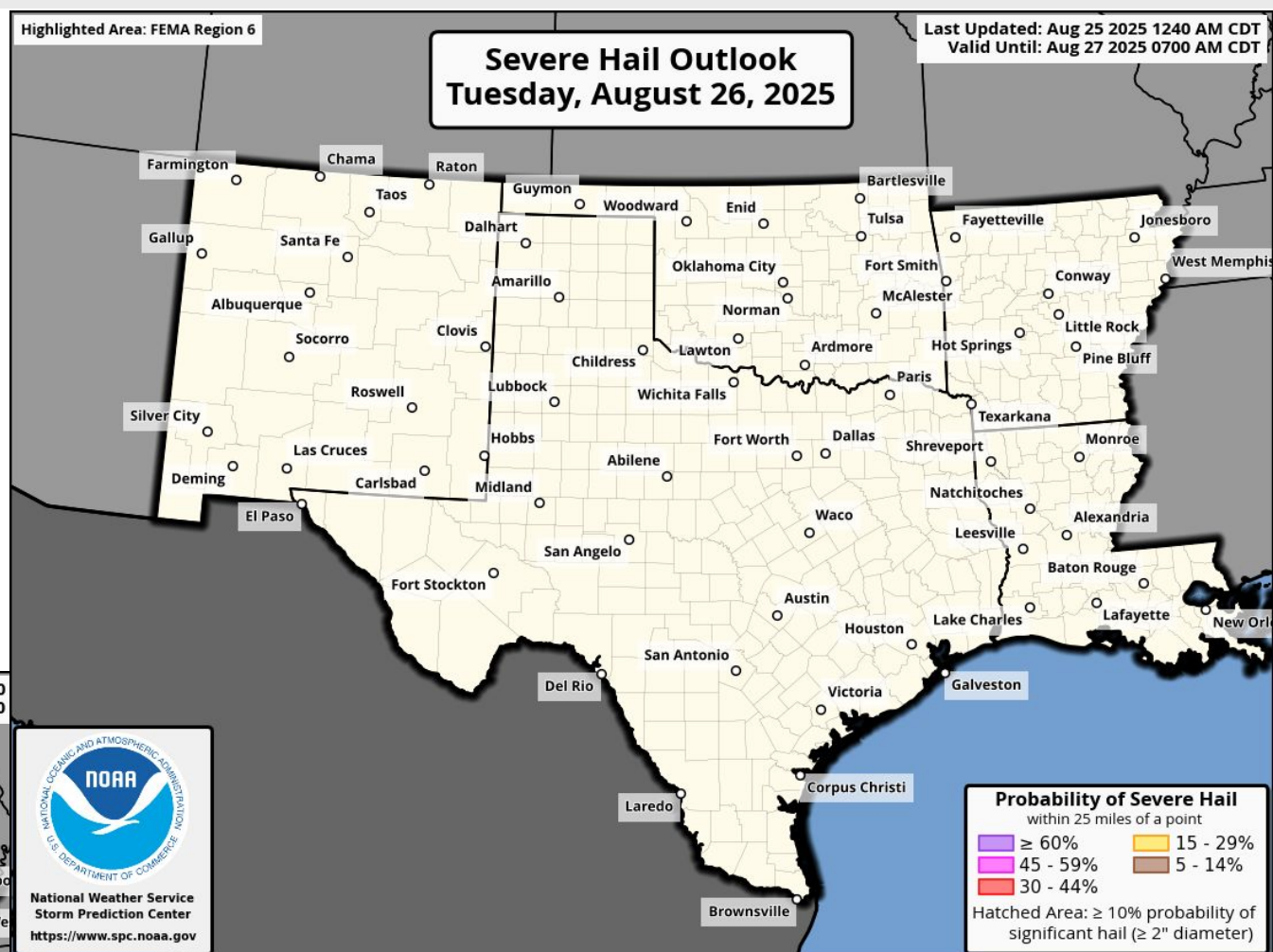
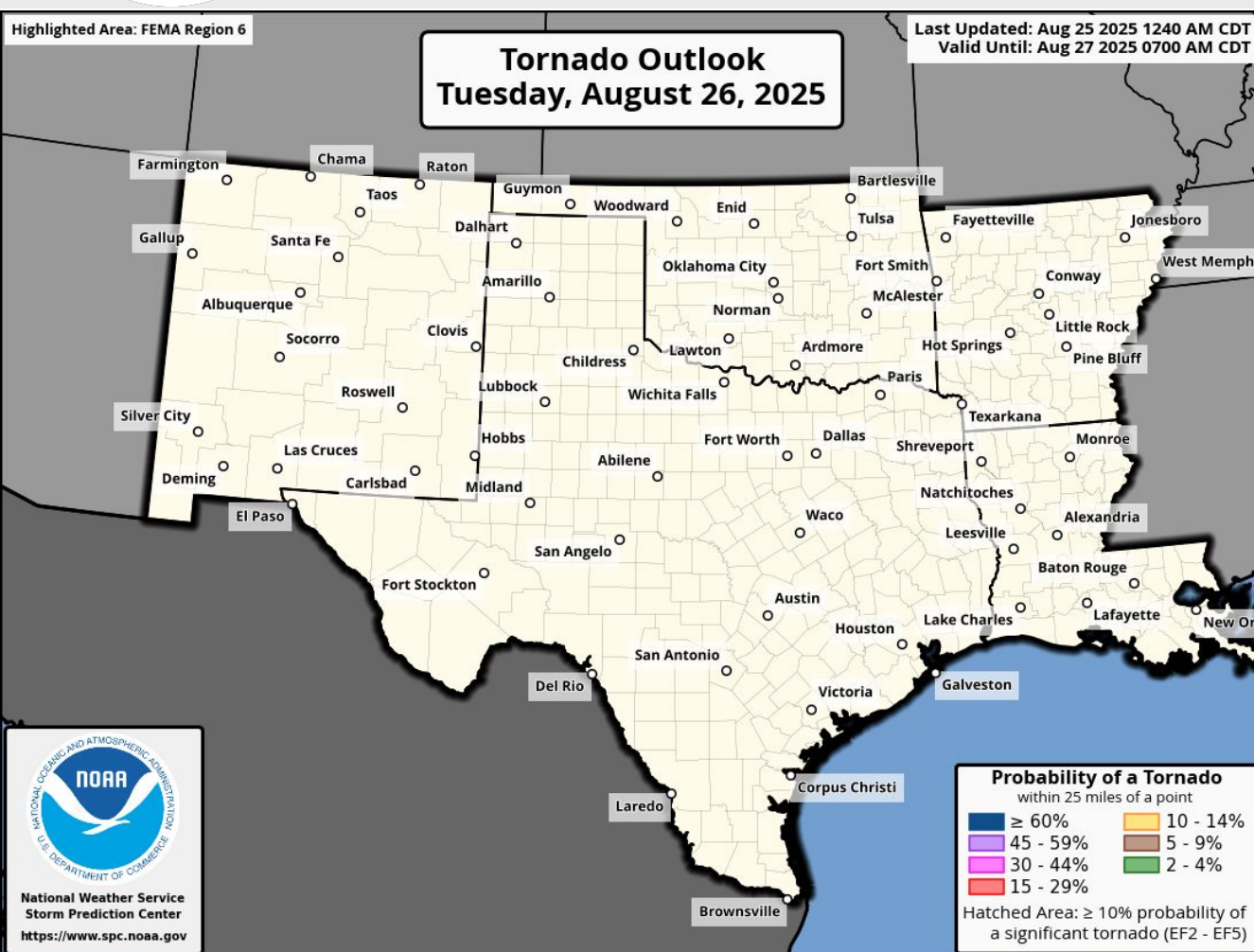
Marginal risk (level 1 of 4) for flash flooding in NM, NTX, OK



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



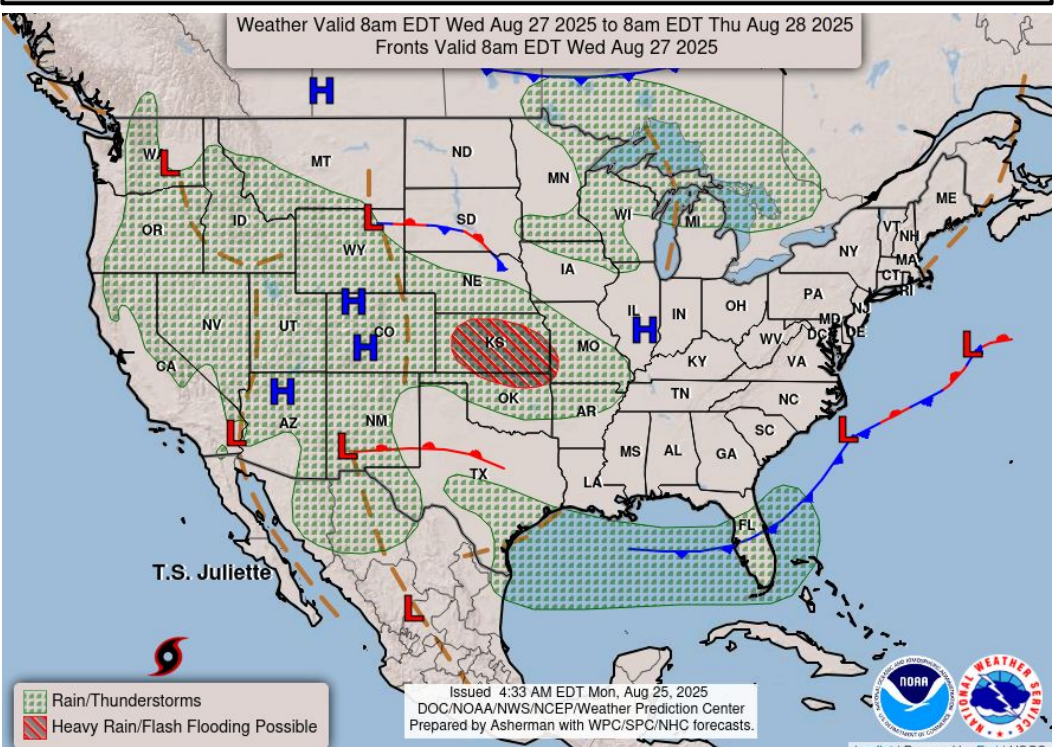
Tomorrow's Tornado & Severe Wind / Hail Probabilities



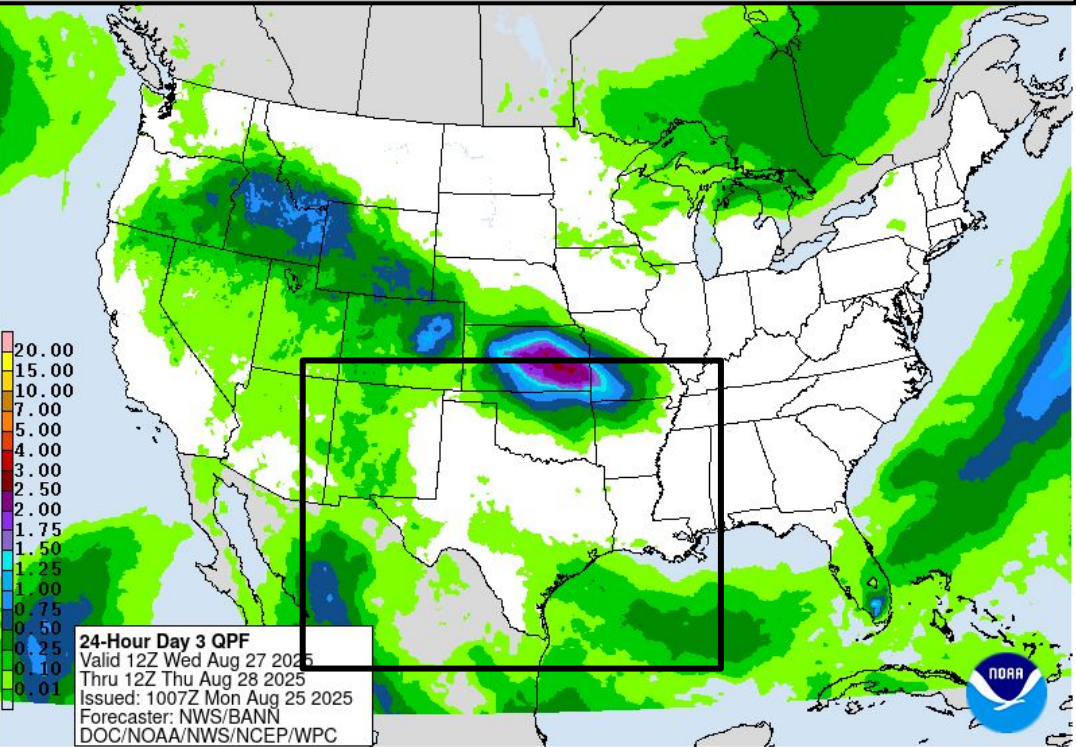


Wednesday's Weather

Forecast Chart



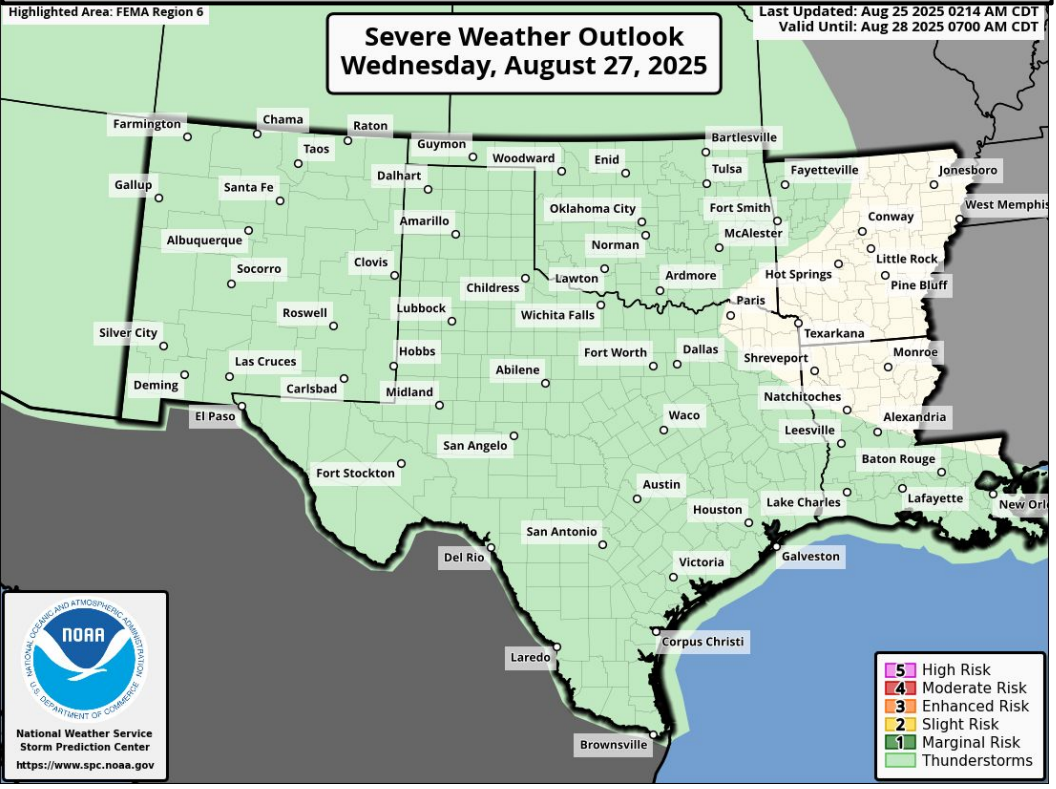
Forecast Rainfall



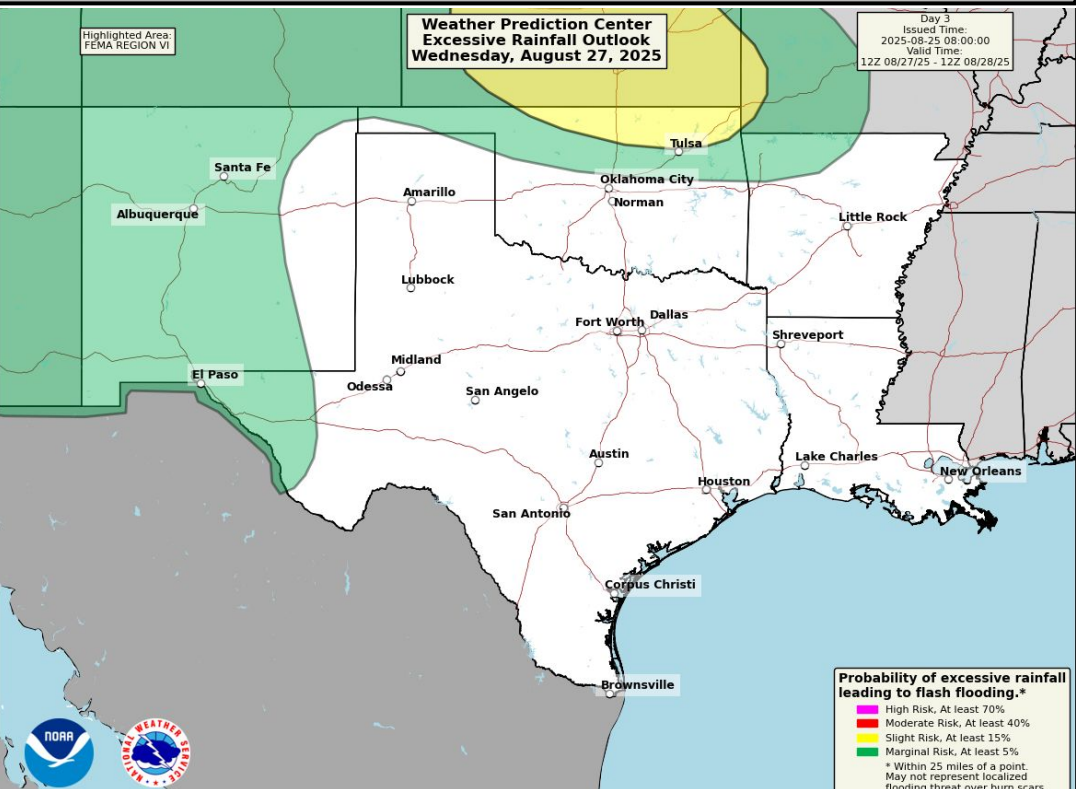
Slight risk (level 2 of 4) for flash flooding in N OK.

Marginal risk (level 1 of 4) for flash flooding in NM, N OK

Severe Weather Outlook



Excessive Rainfall Outlook

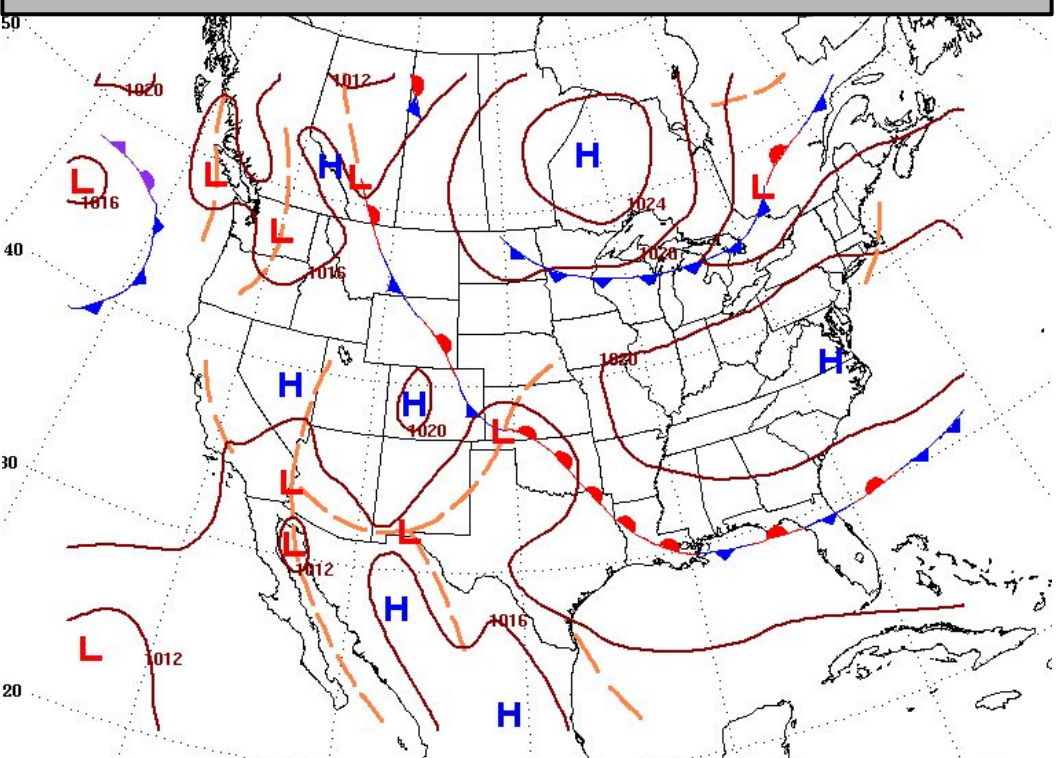


****Burn Scar Flash Flooding information on Burn Scar Matrix slides****

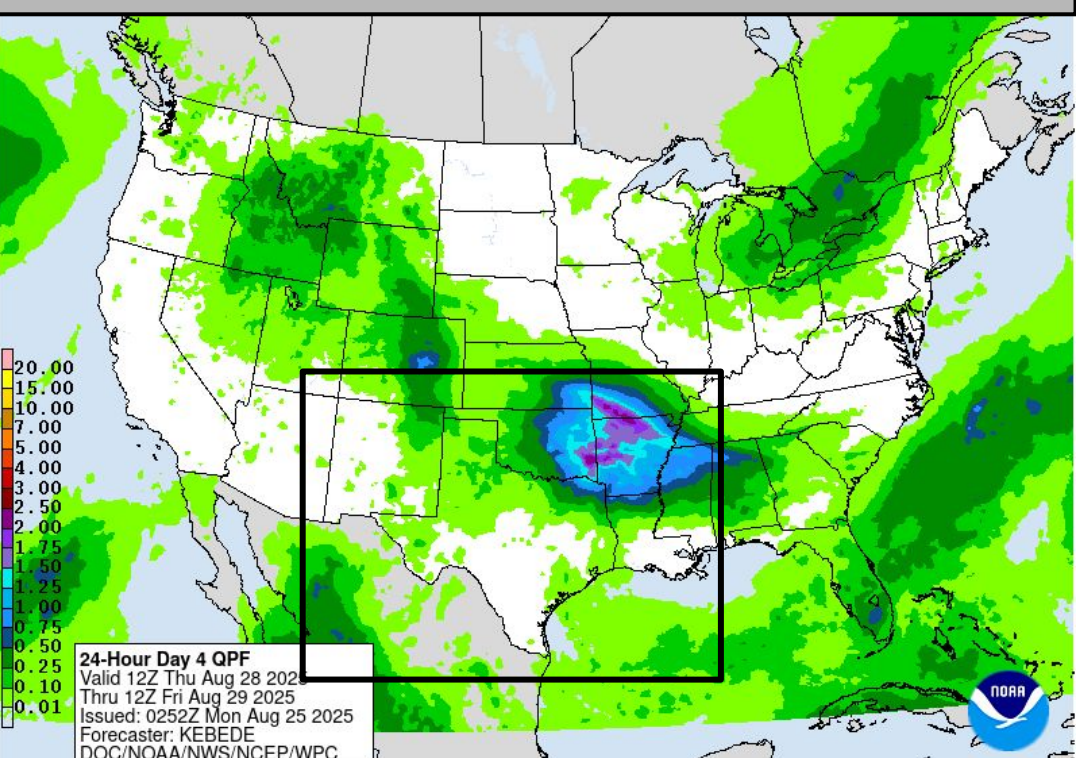


Thursday's Weather

Forecast Chart



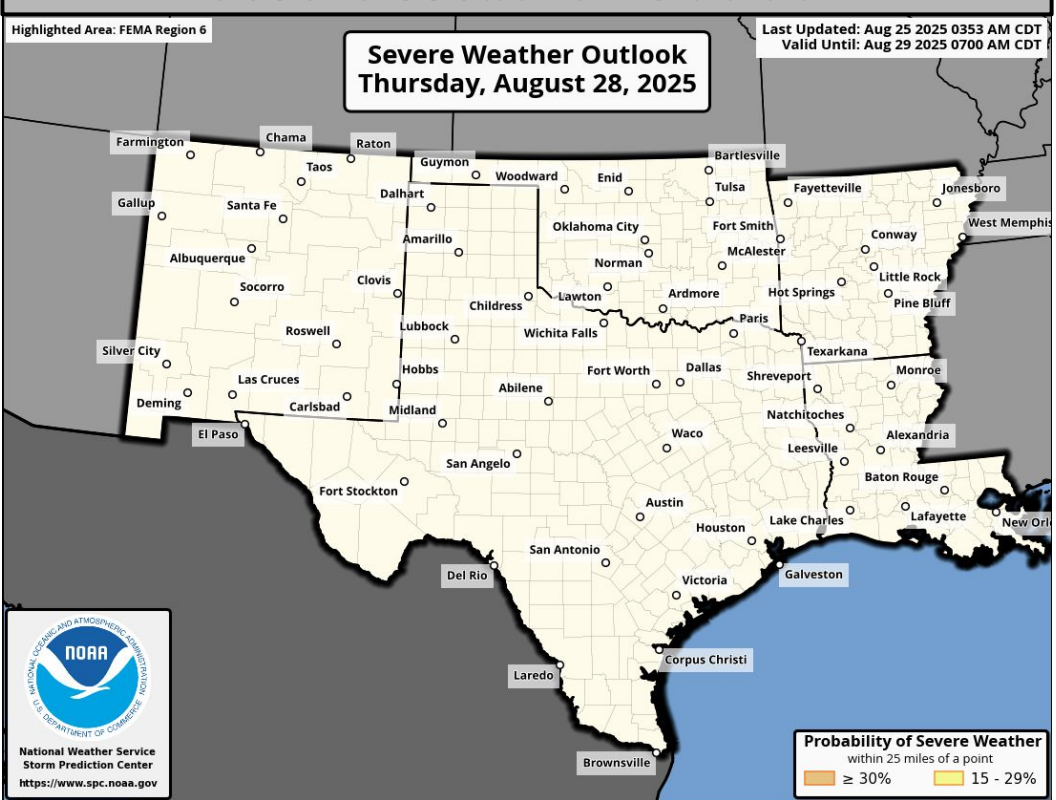
Forecast Rainfall



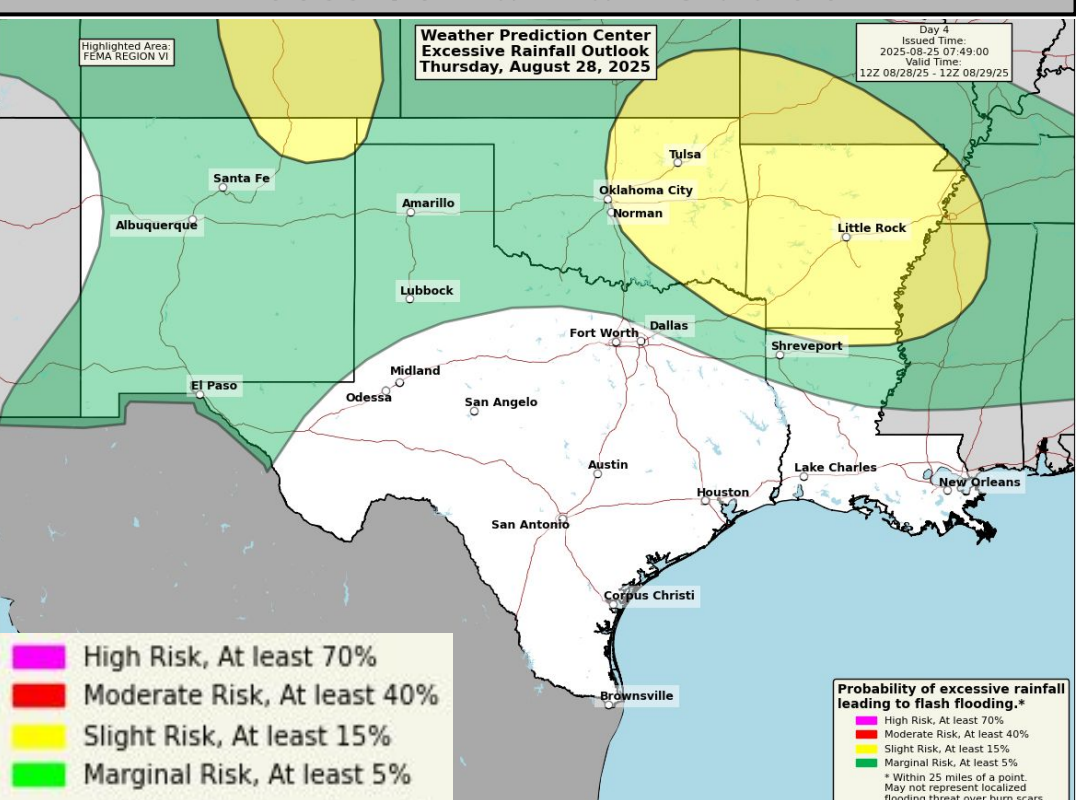
Slight risk (level 2 of 4) for flash flooding in NE NM, NE OK, AR.

Marginal risk (level 1 of 4) for flash flooding in NM, N TX, OK, N LA

Severe Weather Outlook



Excessive Rainfall Outlook

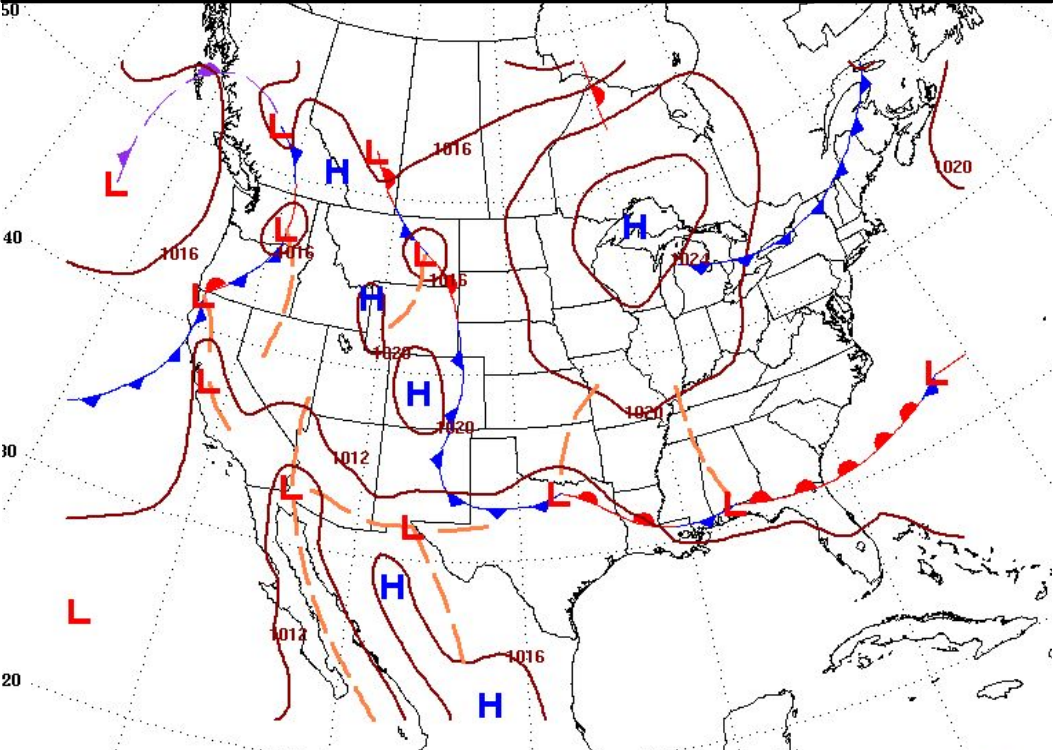


****Burn Scar Flash Flooding information on Burn Scar Matrix slides****

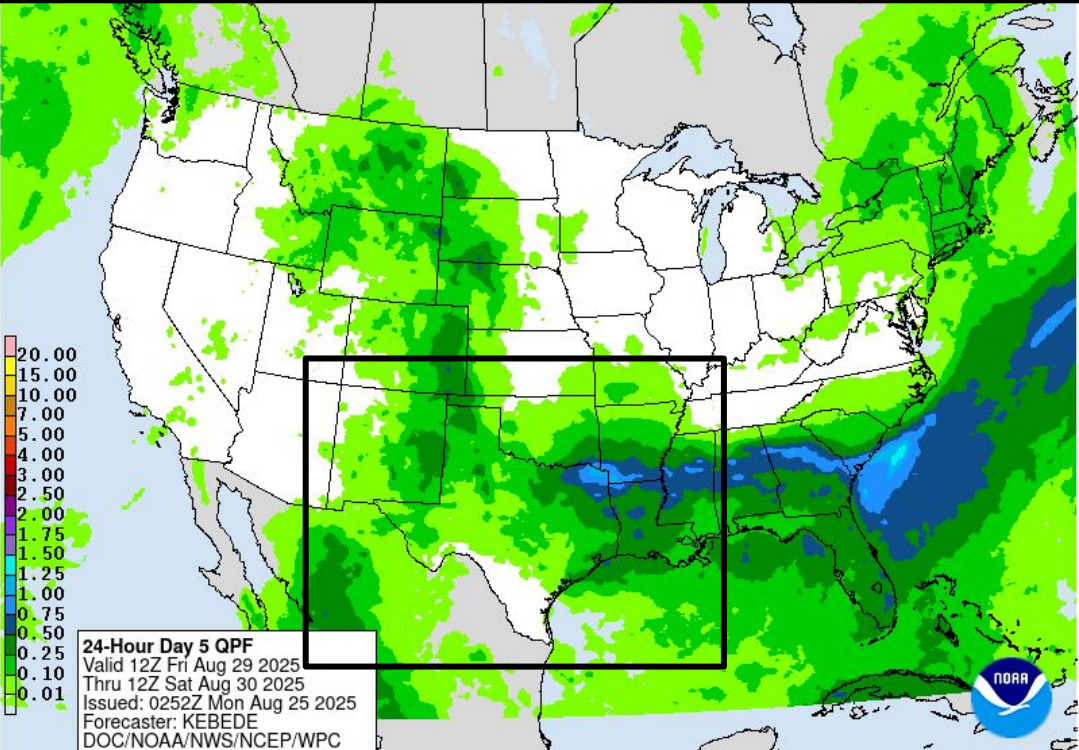


Friday's Weather

Forecast Chart

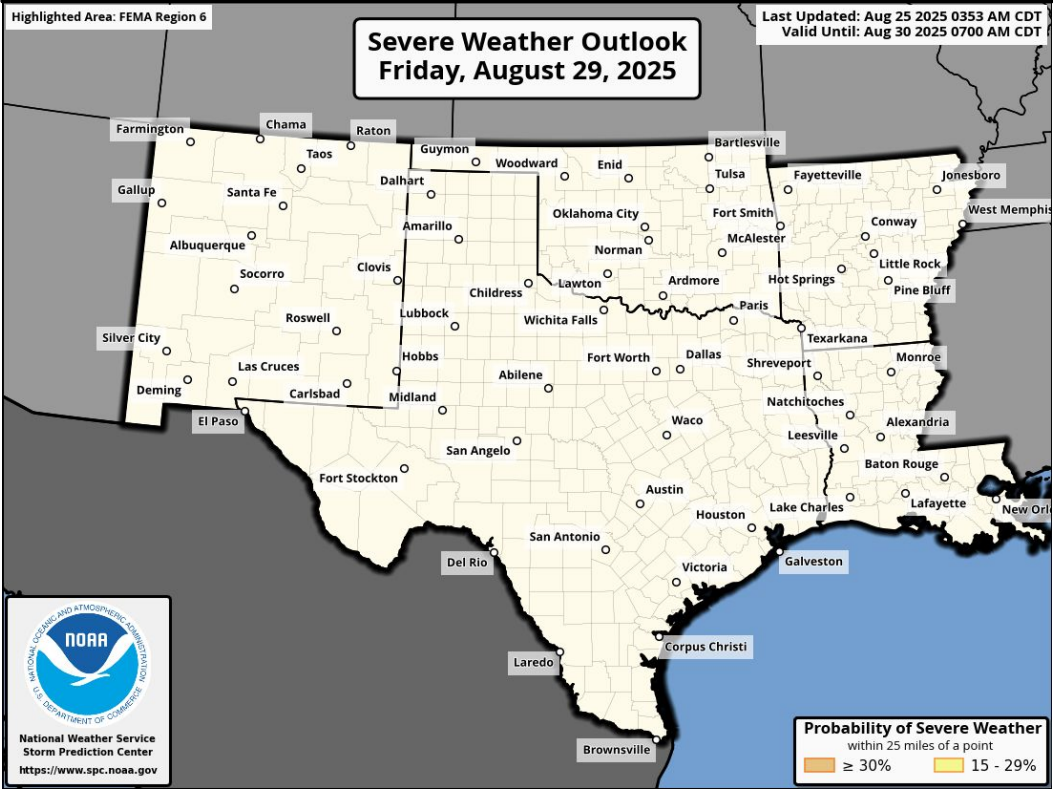


Forecast Rainfall

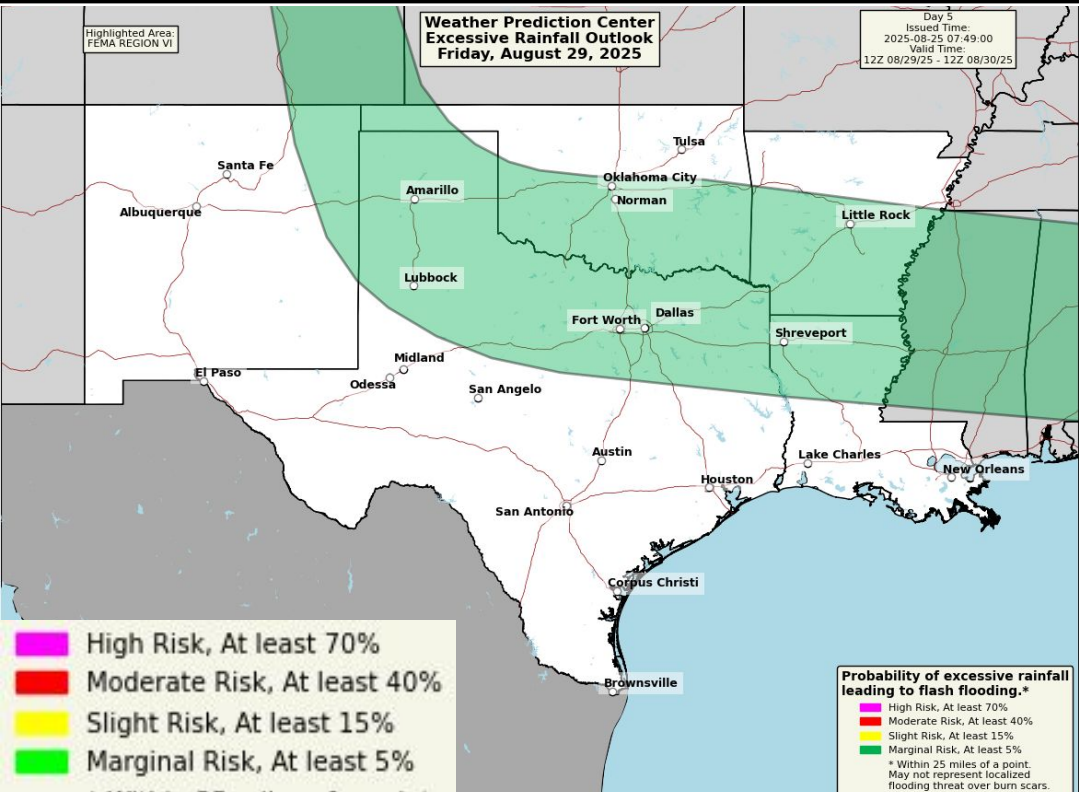


Marginal risk (level I of 4) for flash flooding in NE NM, N TX, OK, AR, N LA

Severe Weather Outlook



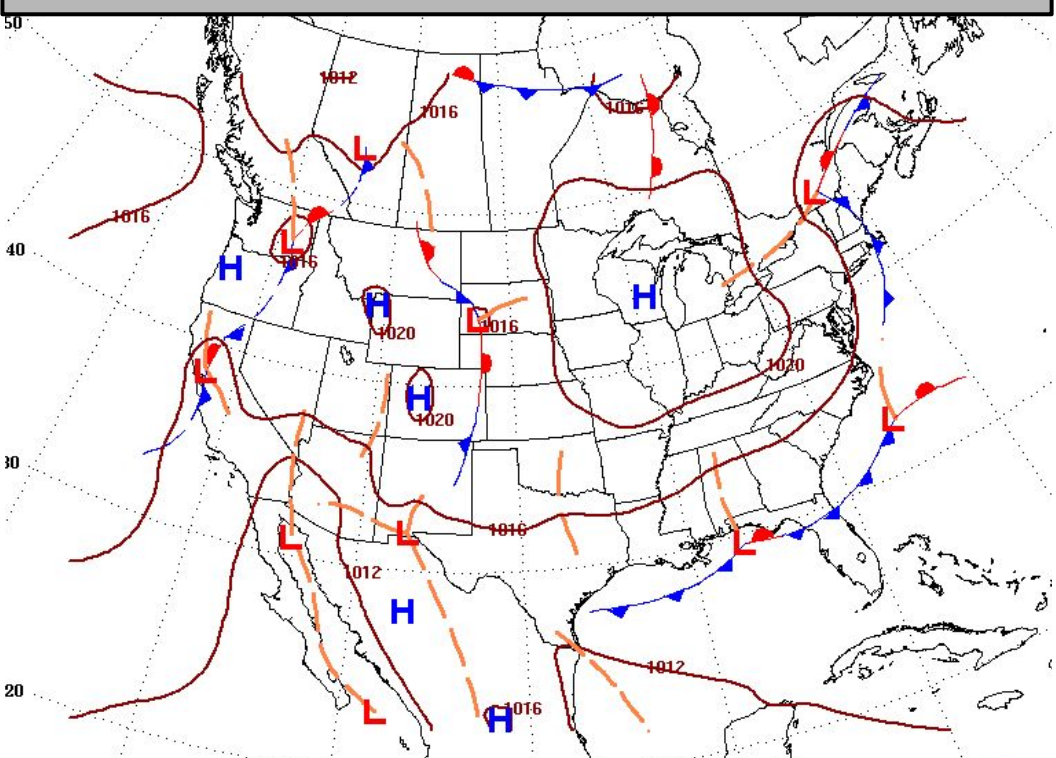
Excessive Rainfall Outlook



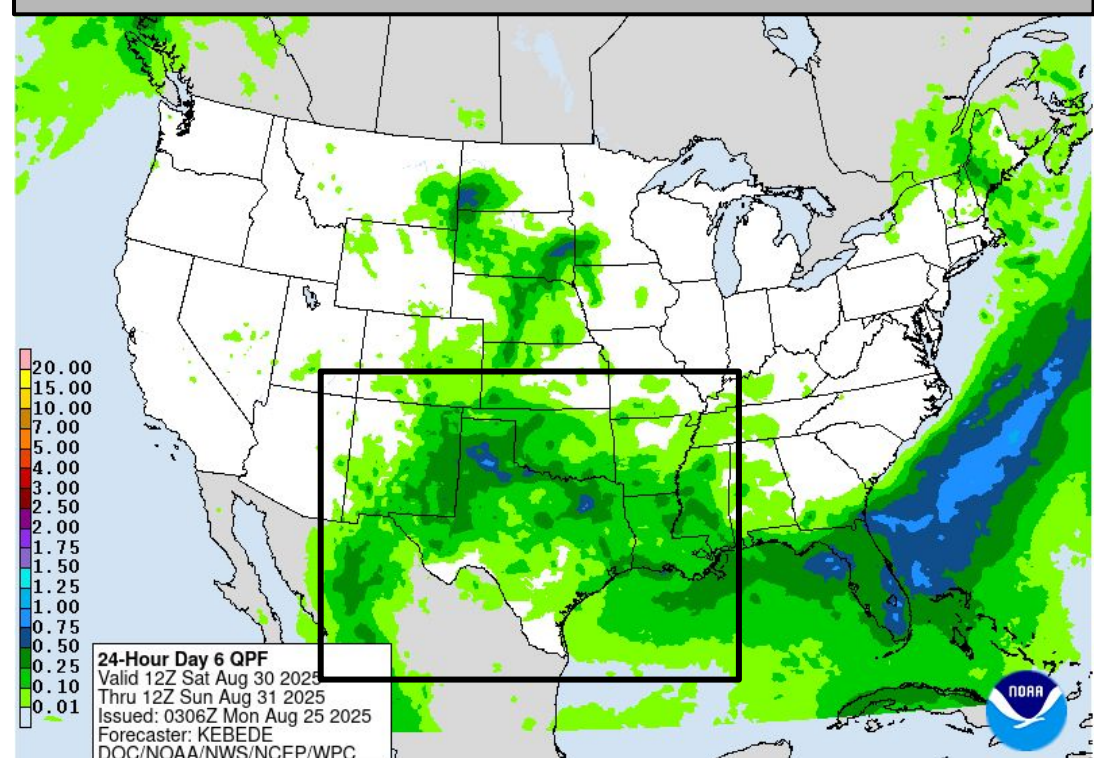


Saturday's Weather

Forecast Chart

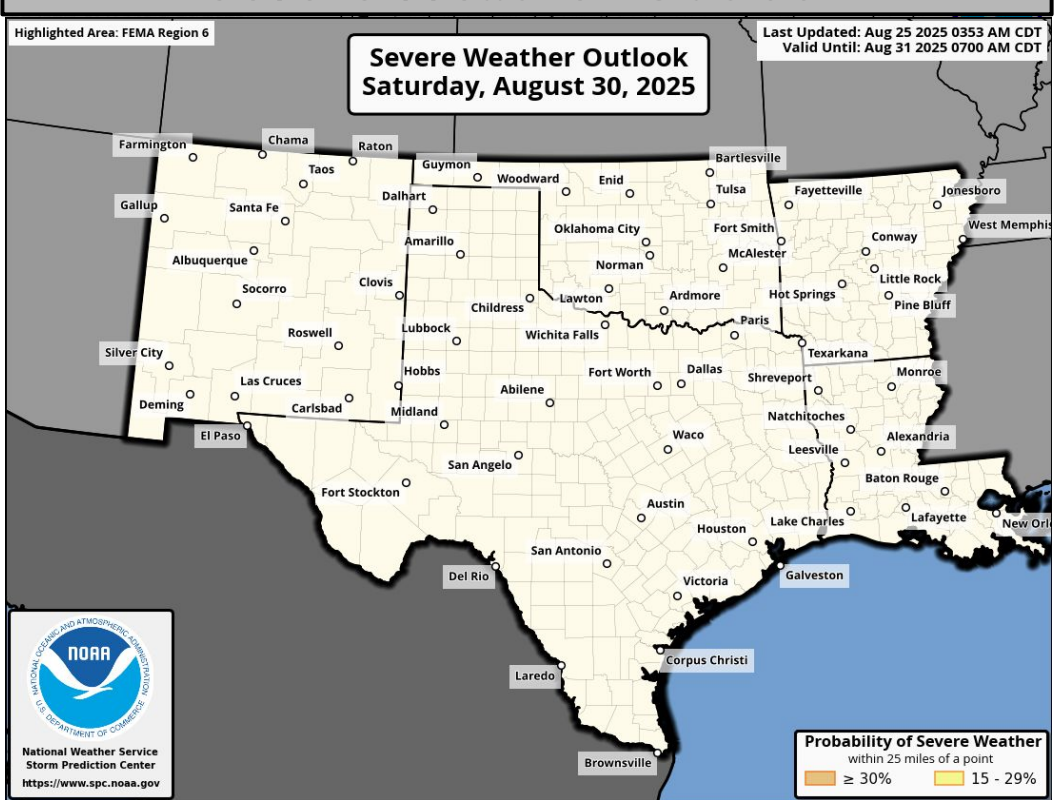


Forecast Rainfall



**Monitoring E NM, S OK, N TX,
For heavy rainfall/flash flooding.**

Severe Weather Outlook



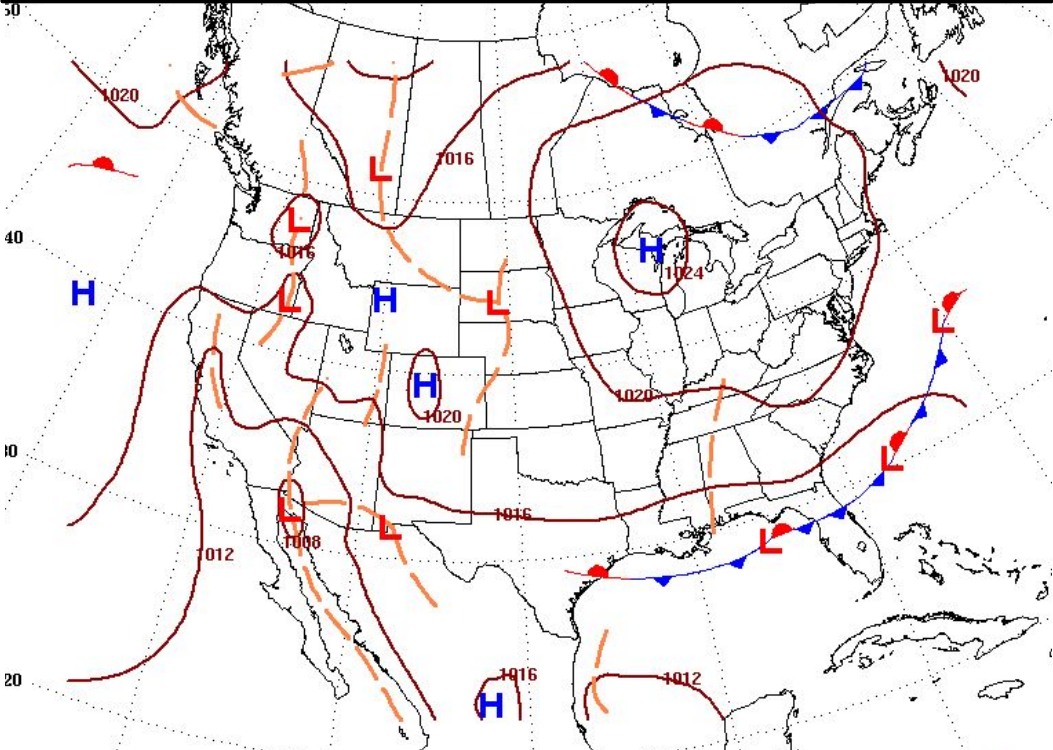
**Excessive Rainfall Outlooks
not available beyond Day 5**



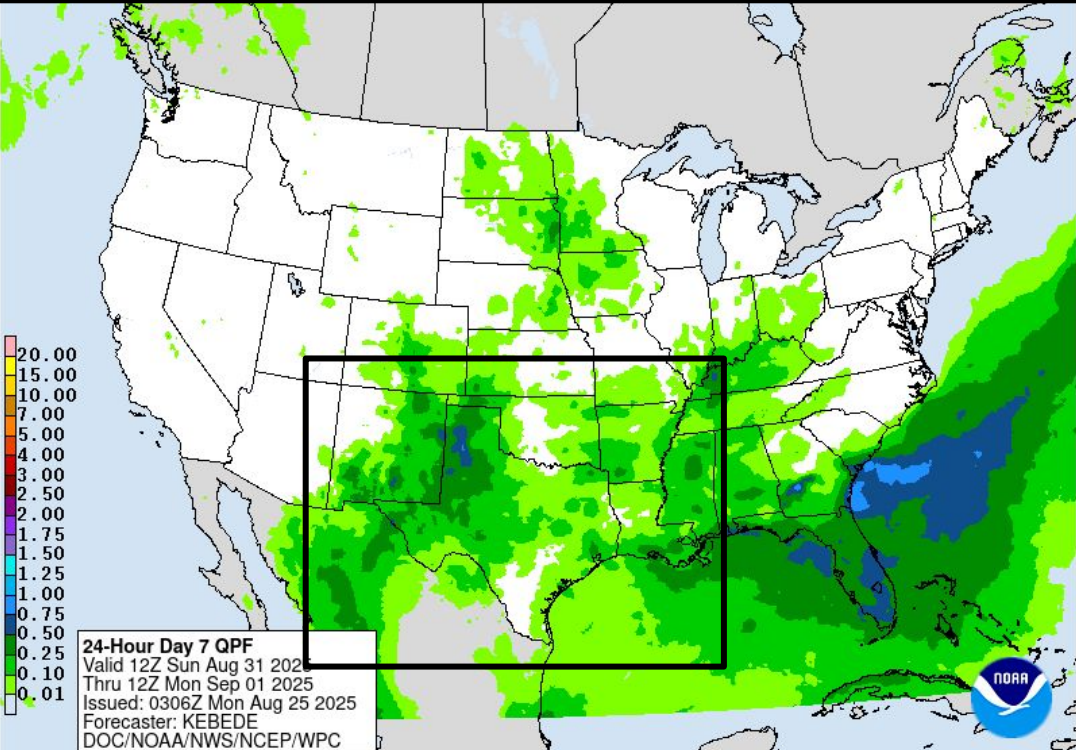


Sunday's Weather

Forecast Chart

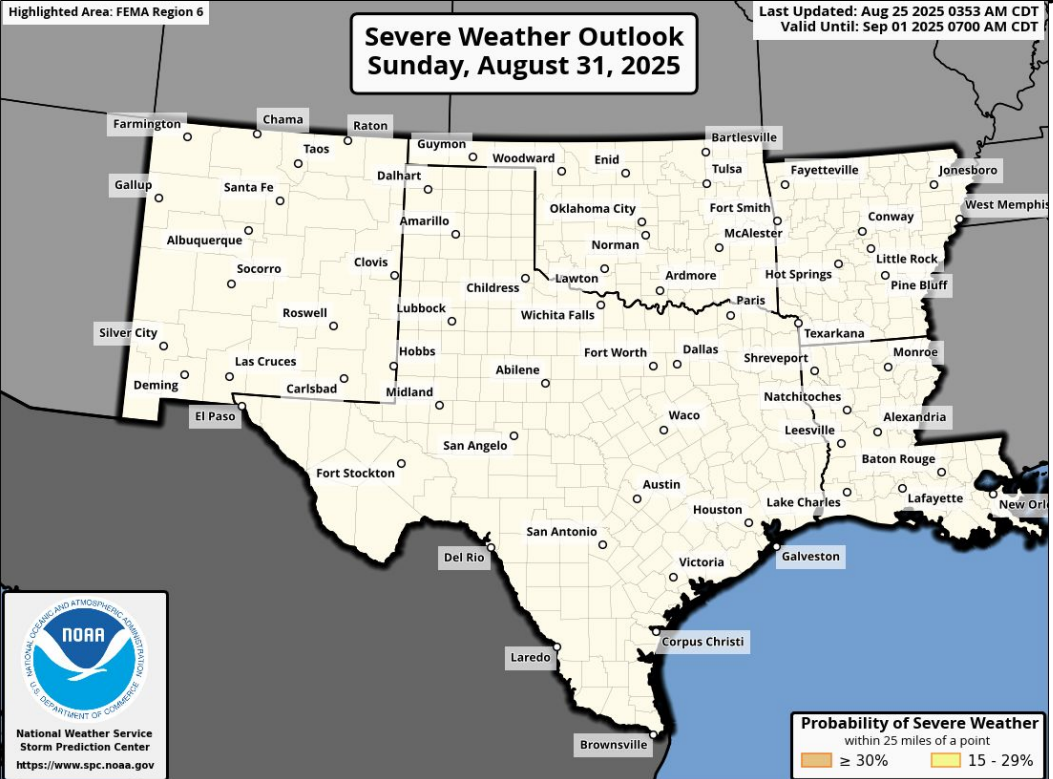


Forecast Rainfall



Monitoring E NM, TX Panhandle, For heavy rainfall/flash flooding.

Severe Weather Outlook

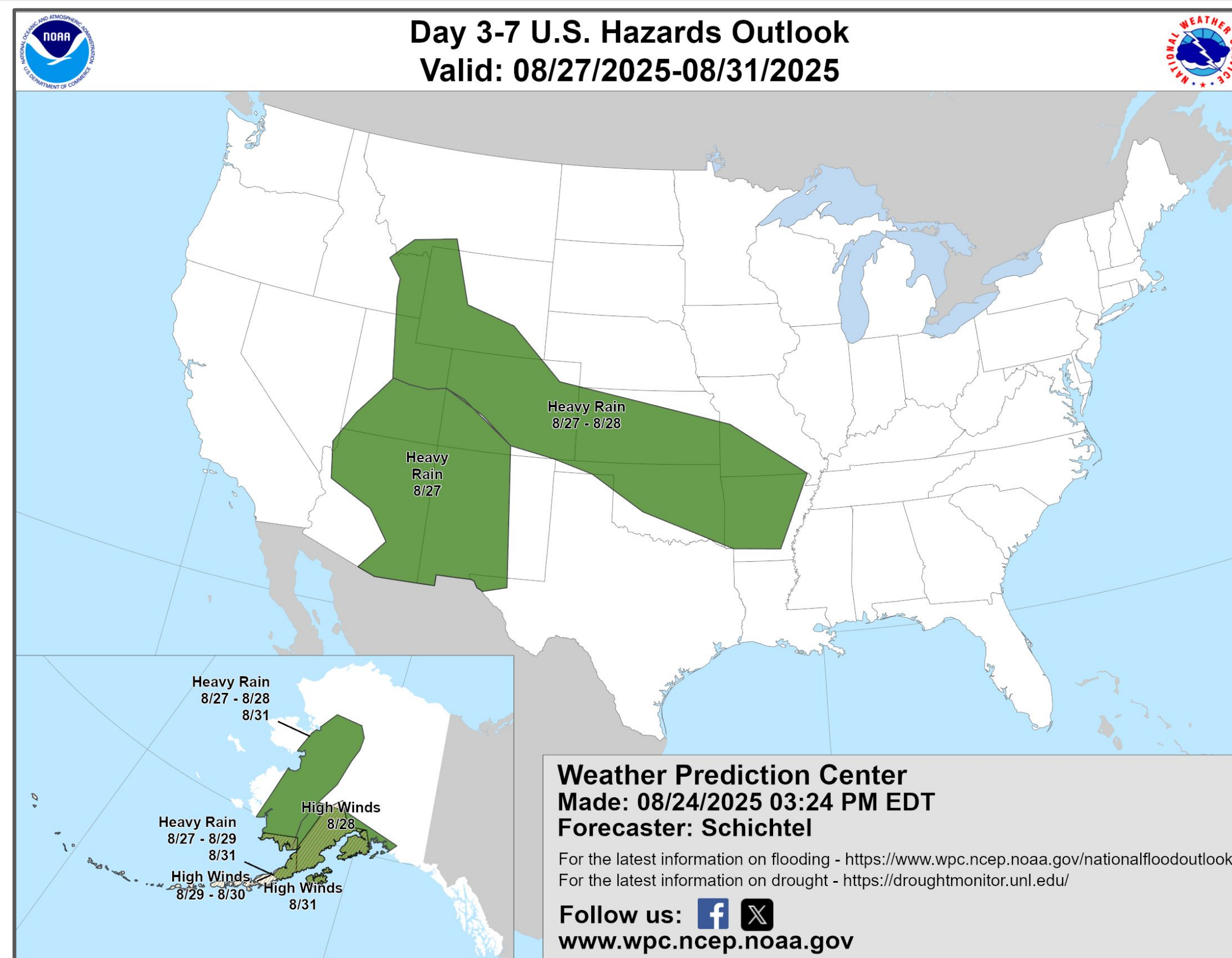


Excessive Rainfall Outlooks not available beyond Day 5





“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:

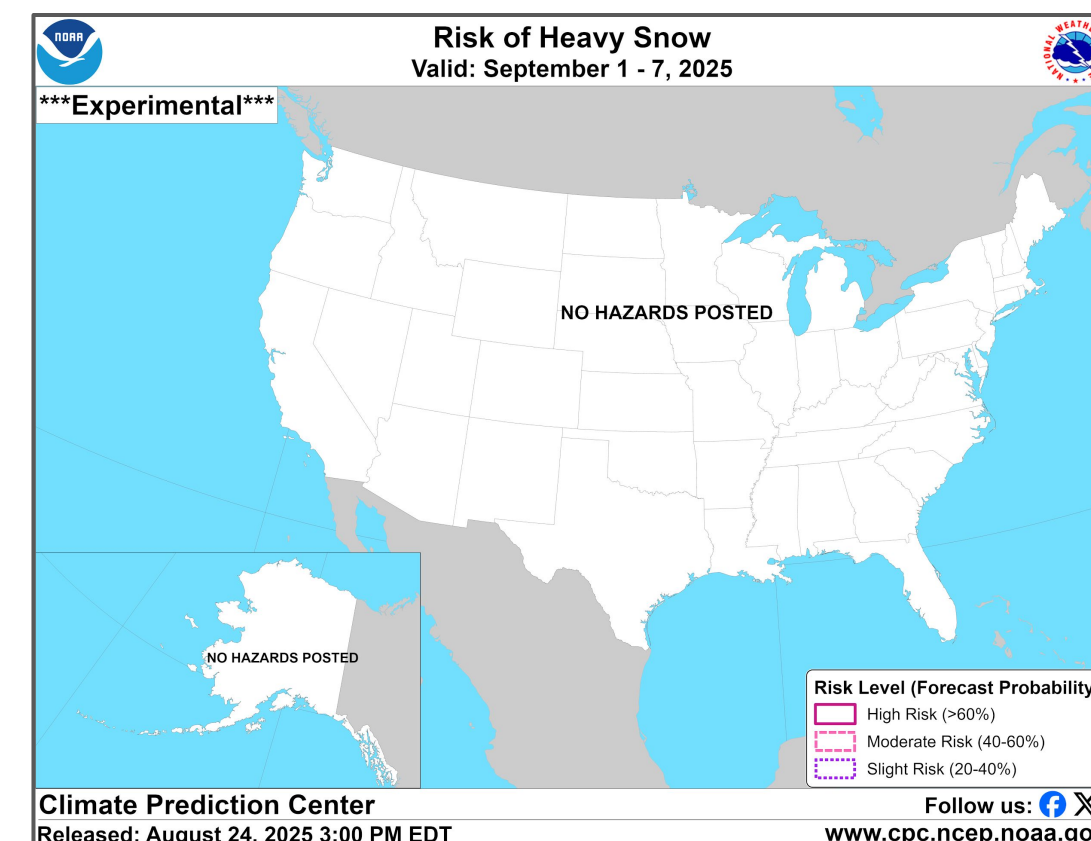
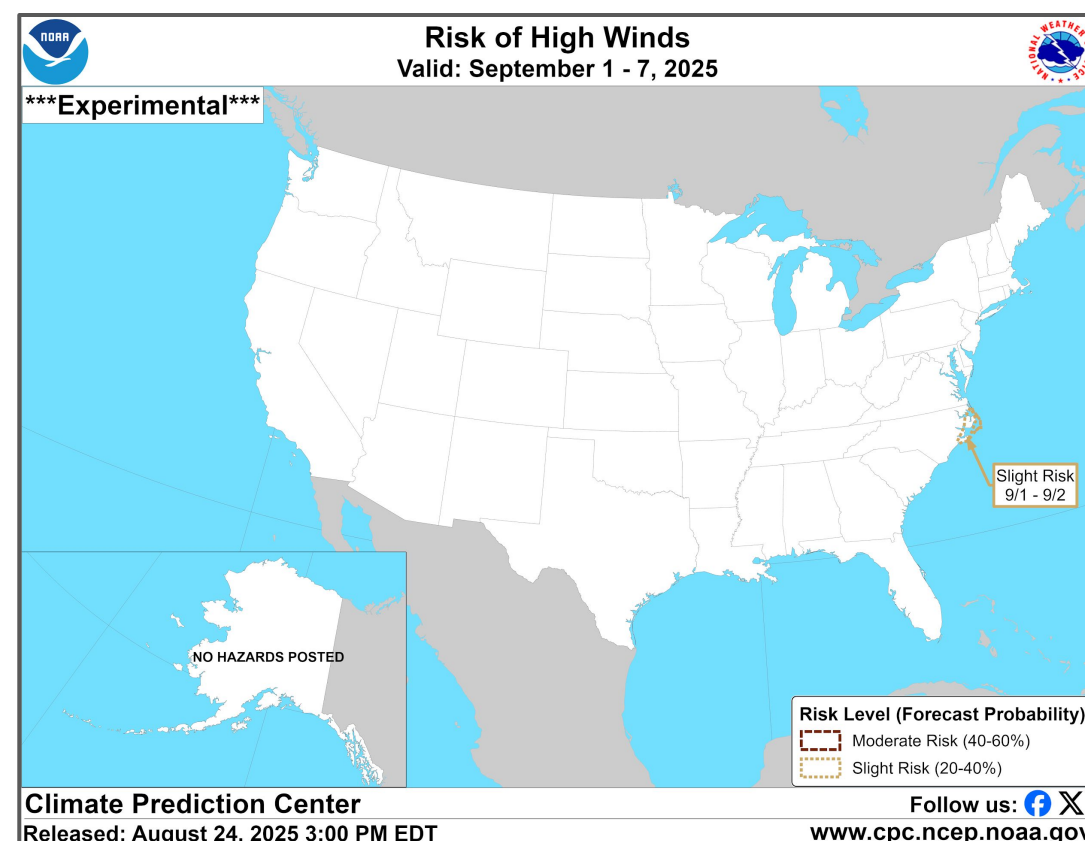
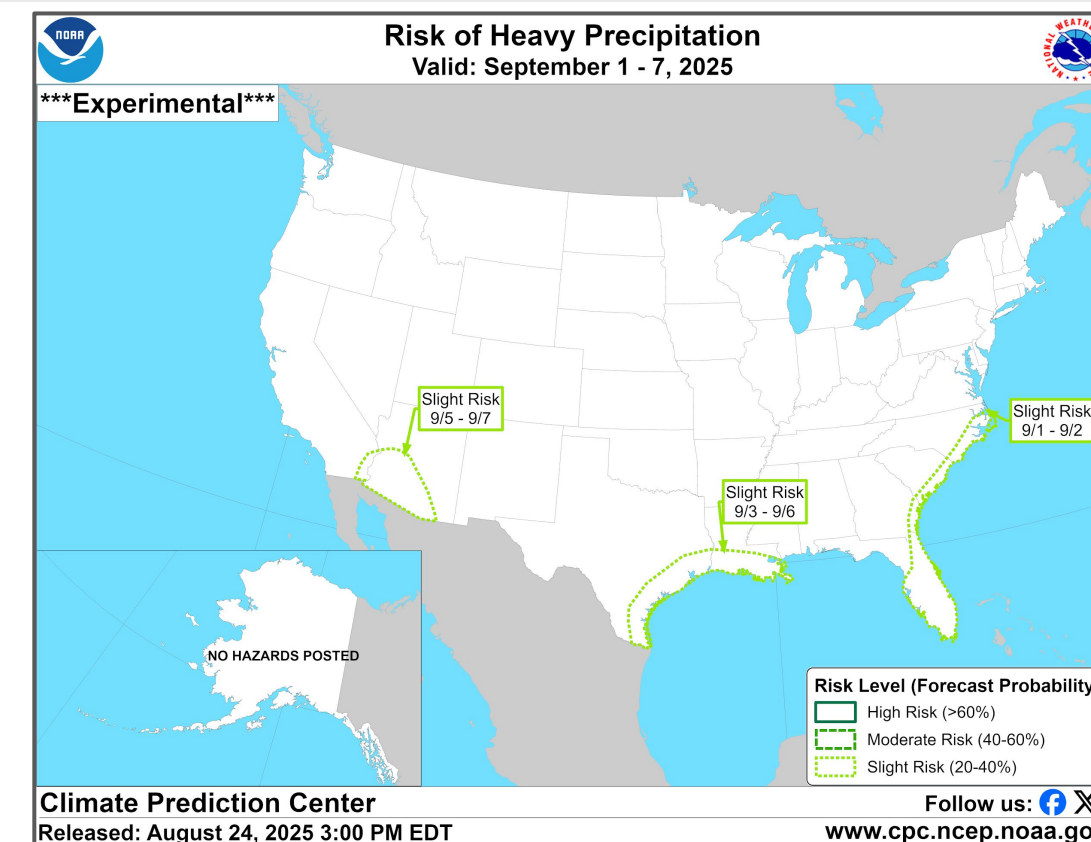
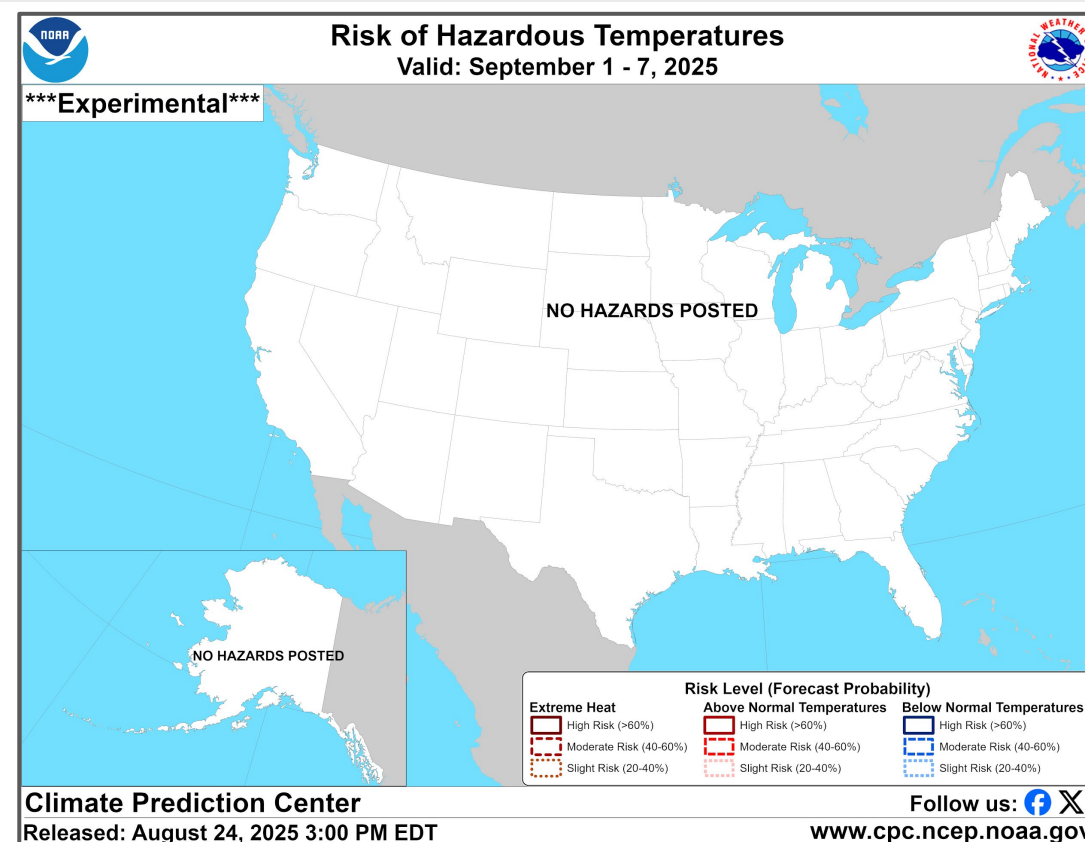
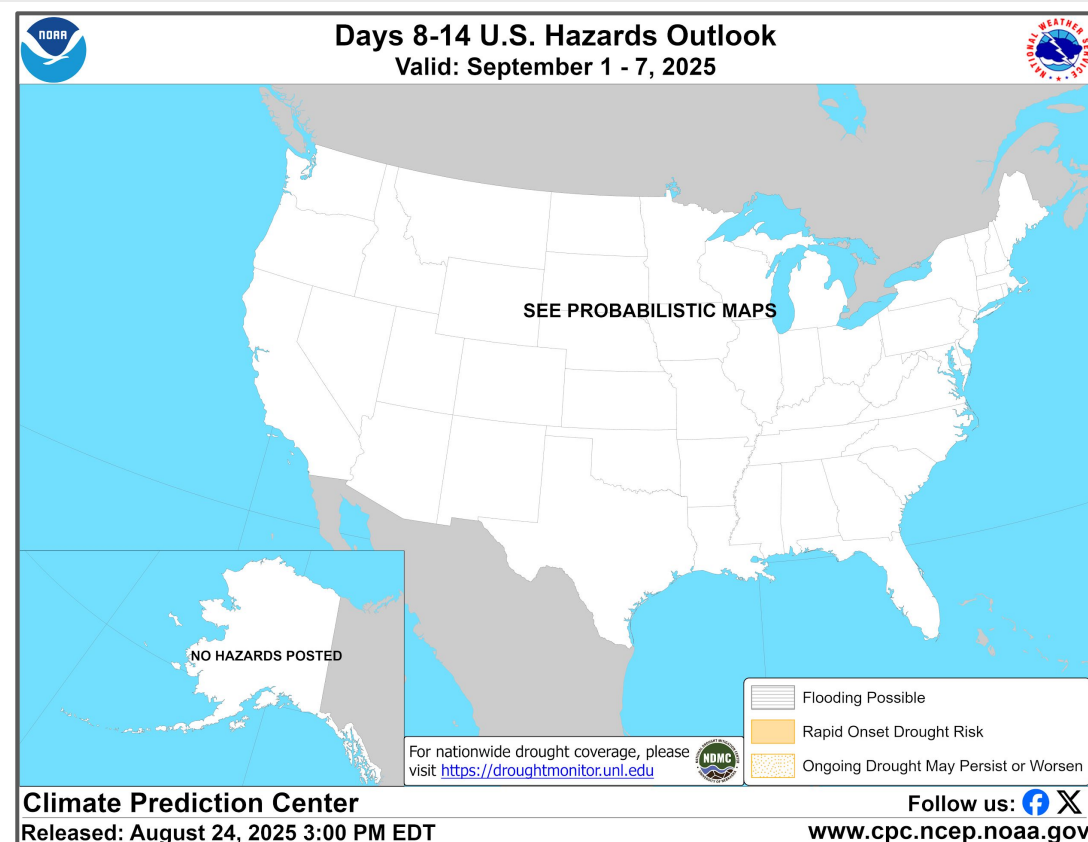
1. The “day 3-7” will really be days 2-6
2. This slide will be hidden on Mondays and Sundays so the data/information is not too old

For additional information on this outlook go to <https://www.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/threats.php>

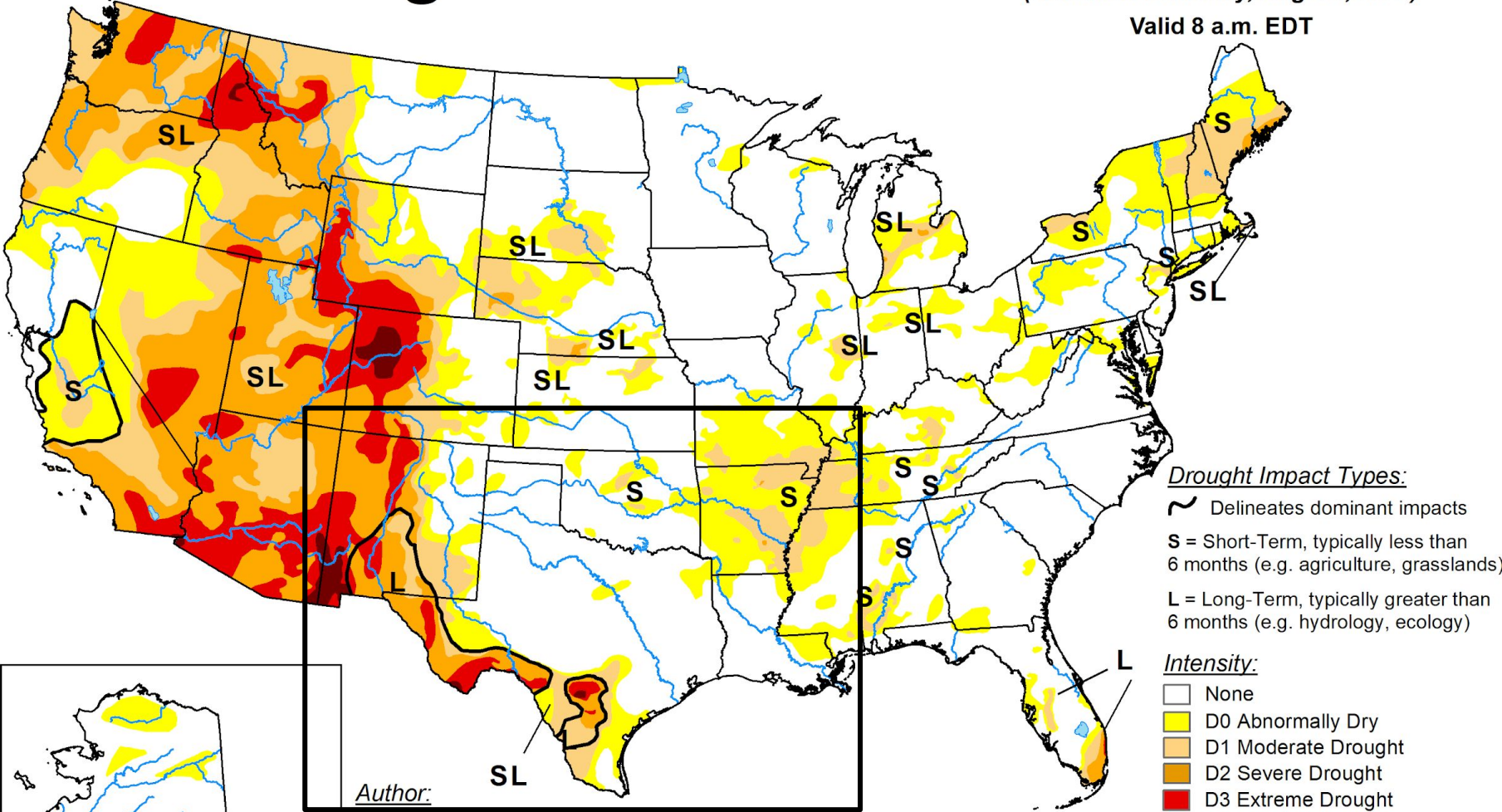




Drought Monitor

U.S. Drought Monitor

August 19, 2025
(Released Thursday, Aug. 21, 2025)
Valid 8 a.m. EDT



Author:
Lindsay Johnson
National Drought Mitigation Center

Drought Impact Types:
~ Delineates dominant impacts
S = Short-Term, typically less than 6 months (e.g. agriculture, grasslands)
L = Long-Term, typically greater than 6 months (e.g. hydrology, ecology)

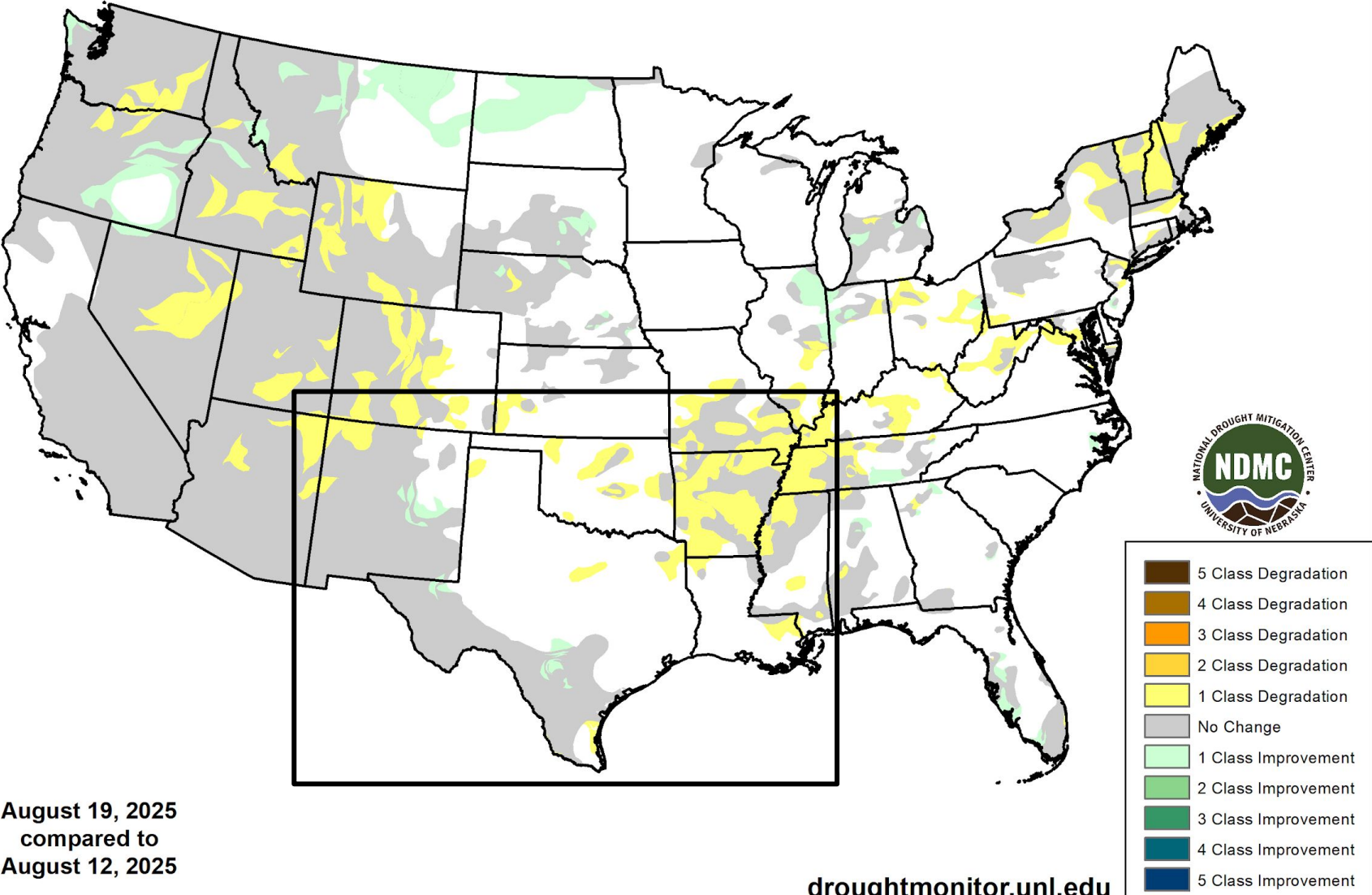
Intensity:
None
D0 Abnormally Dry
D1 Moderate Drought
D2 Severe Drought
D3 Extreme Drought
D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>



droughtmonitor.unl.edu

U.S. Drought Monitor Class Change - CONUS 1 Week



August 19, 2025
compared to
August 12, 2025

droughtmonitor.unl.edu



5 Class Degradation
4 Class Degradation
3 Class Degradation
2 Class Degradation
1 Class Degradation
No Change
1 Class Improvement
2 Class Improvement
3 Class Improvement
4 Class Improvement
5 Class Improvement



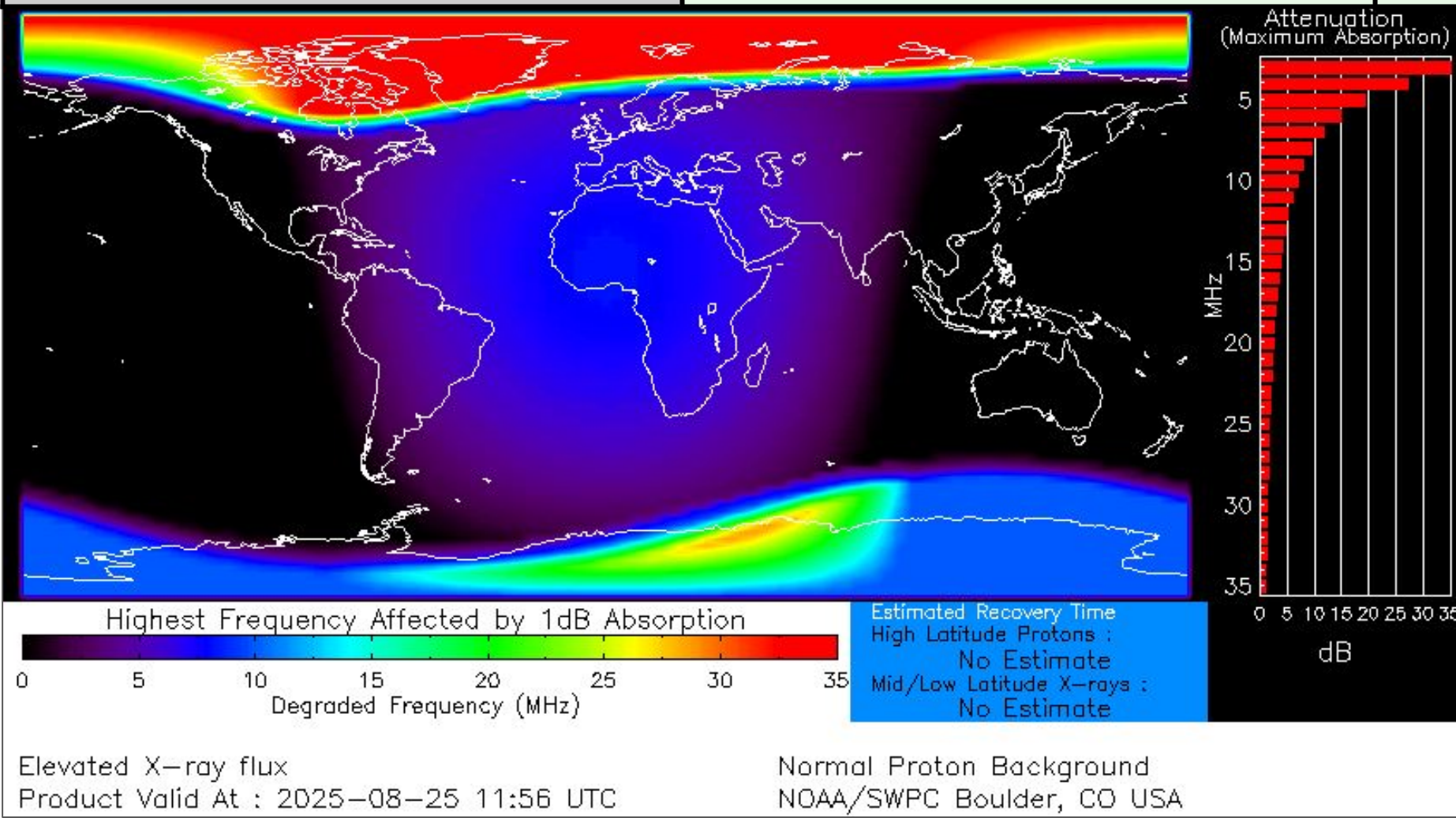
National Oceanic and
Atmospheric Administration
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National Weather Service
Southern Region



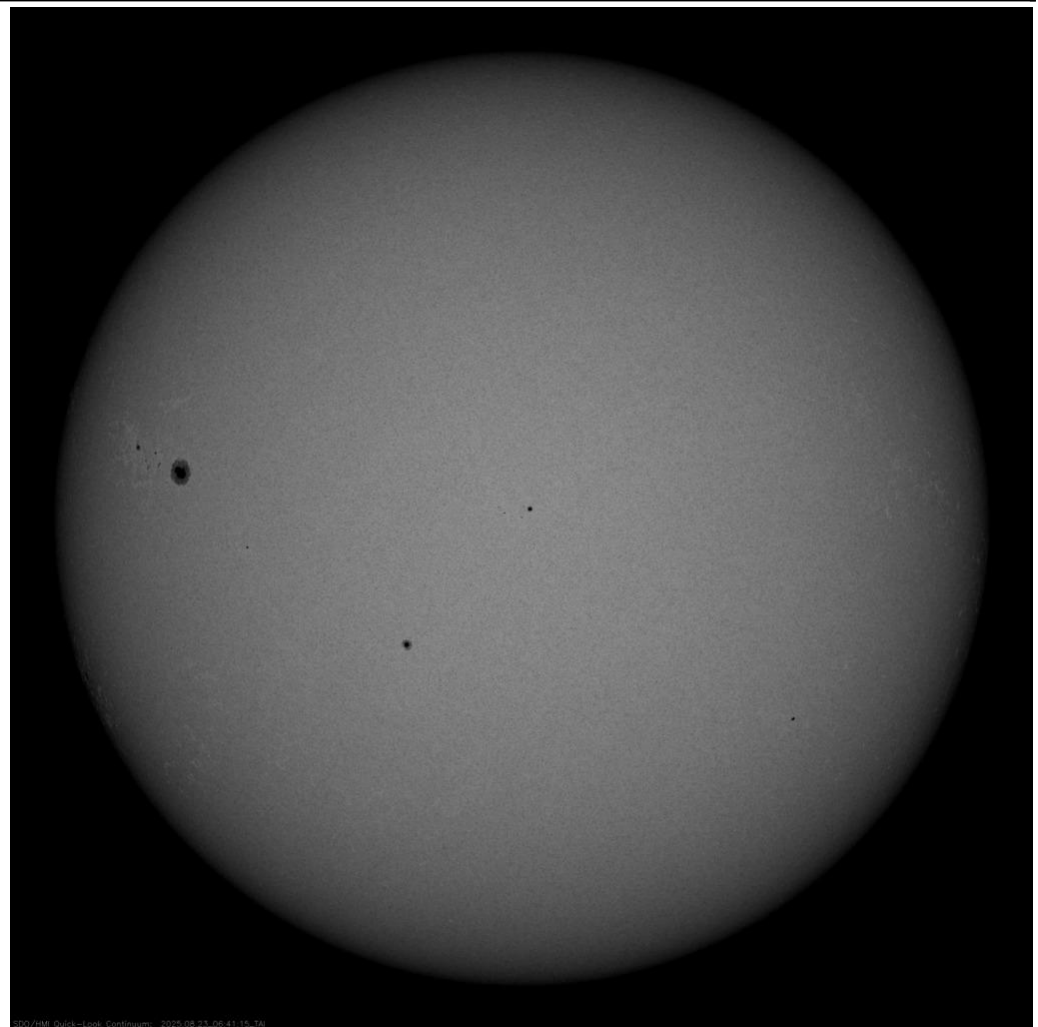
Space Weather 3-Day Forecast

	Monday, Aug 25	Tuesday, Aug 26	Wednesday, Aug 27
Geomagnetic Storms	Active (Max Kp = 4)	Active (Max Kp = 4)	Unsettled (Max Kp = 3)
Solar Radiation Storm (S1-S5)	75%	50%	5%
Radio Blackout (R1-R2)	45%	45%	45%
Radio Blackout (R3-R5)	5%	5%	5%



[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	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	<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	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 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	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 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	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 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	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 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



X: NWSSouthern



Web: www.weather.gov/srh

