



FEMA



Prepared by
Andy Bollenbacher

FEMA Region 6 Weather Threat Briefing

Thursday, September 04, 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:**

- **Marginal risk (level 1 of 4) over W NM today expanding across all of NM into Far W TX on Friday and further east into the TX Panhandle/W-Ctrl TX on Saturday; Risk area moves eastward into most of TX, OK, W AR, W LA on Sunday.**
 - **Slight risk (level 2 of 4) for flash flooding in SW NM tomorrow.**
 - **Slight risk (level 2 of 4) for flash flooding on Sunday/Sunday night in S/C TX.**
- **NM Burn Scars: Minor risk (level 1 of 4) today increasing to Moderate risk (level 2 of 4) on Friday through Sunday.**

- **Tropical Weather:**

- **Eastern Atlantic has a high chance (80%) for a tropical depression to develop by late this week or this weekend. No impacts in the next 7 days.**
- **Remnant moisture from Hurricane Lorena may increase flash flood risk over NM, TX Fri-Mon, otherwise no tropical impacts to FEMA 6 expected.**





FEMA Region 6 Threat Matrix

Next 7 days

	Thursday, Sep 4	Friday, Sep 5	Saturday, Sep 6	Sunday, Sep 7	Monday, Sep 8	Tuesday, Sep 9	Wednesday, Sep 10
Severe Storms		SE OK, NE TX, AR					
Heavy Rain / Flash Flooding	W NM	SW NM	NM, W/W-Ctrl TX, TX Panhandle	S/C TX	STX (AM)		
Burn Scars	NM	NM	NM	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.

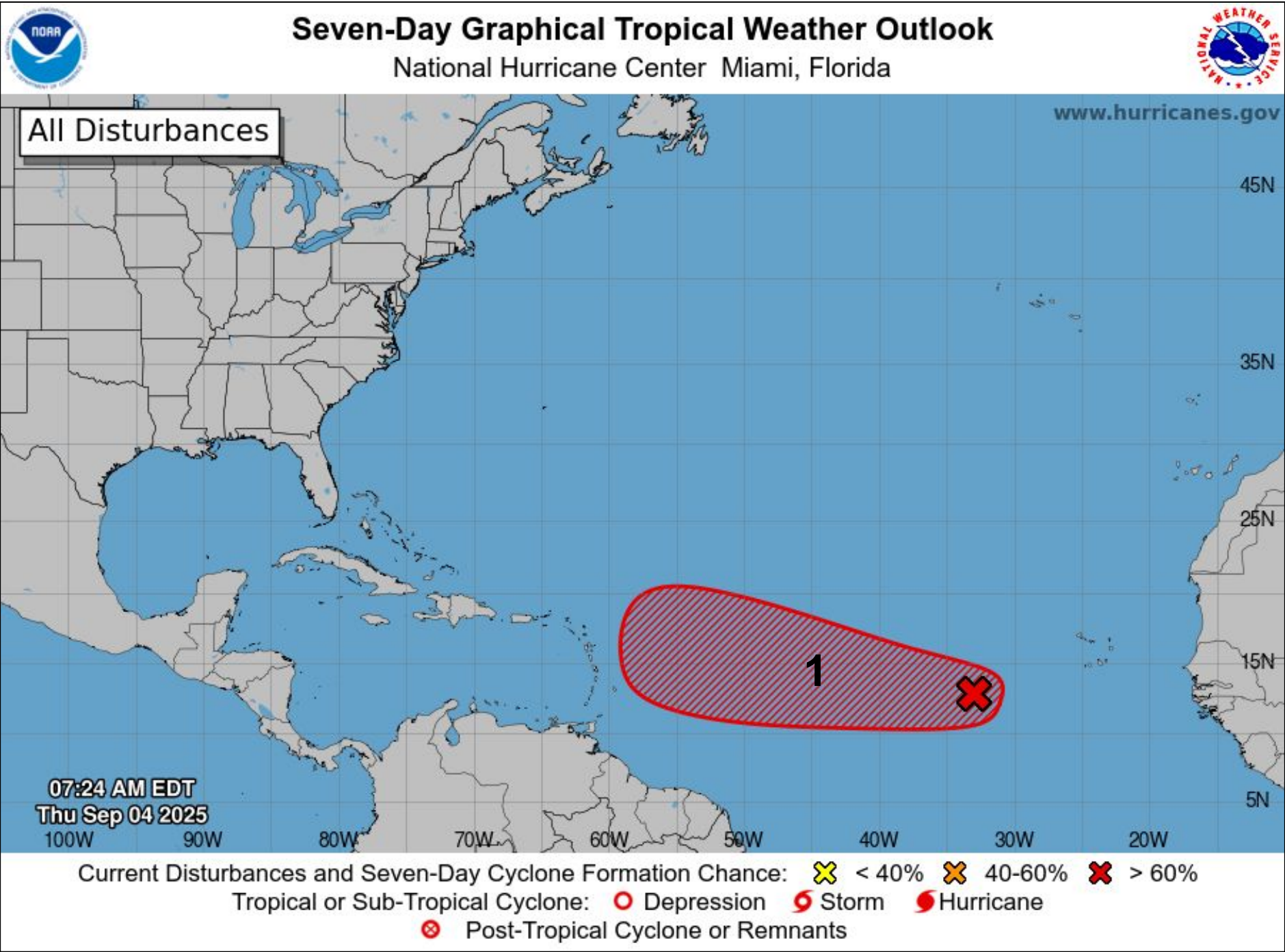
Risk Levels	Little to None	Minor	Moderate	Major	Extreme
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Tropical Weather Outlook – Atlantic/Gulf

Areas of Possible Development		
Area	Chance of Development	Potential Impacts to FEMA 6
1	High (70%)	None in the next 7 days

Active Tropical Cyclones	
Storm	Potential Impacts to FEMA 6



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

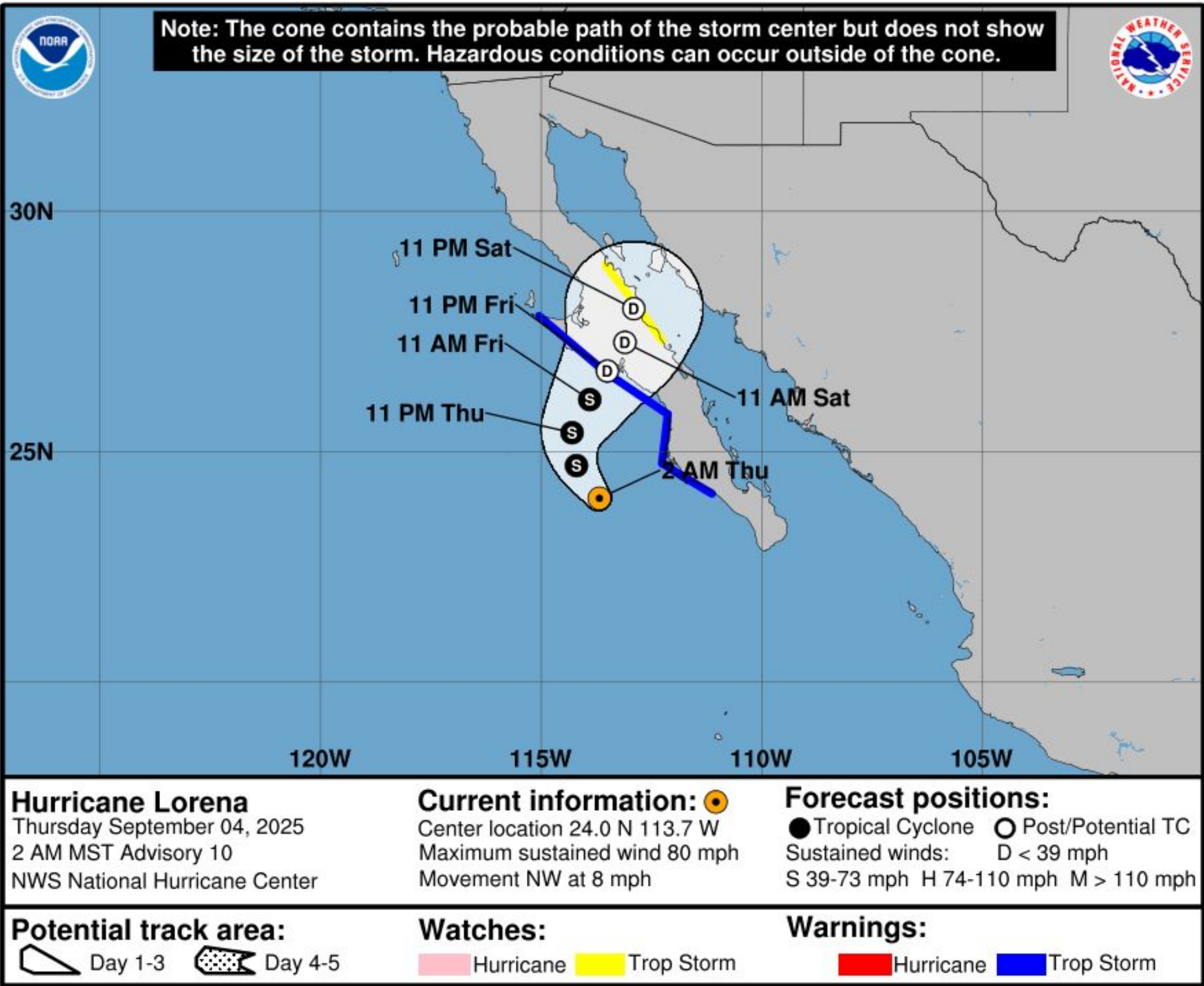




Pacific Hurricane Lorena

September 4, 2025
11:23 AM

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



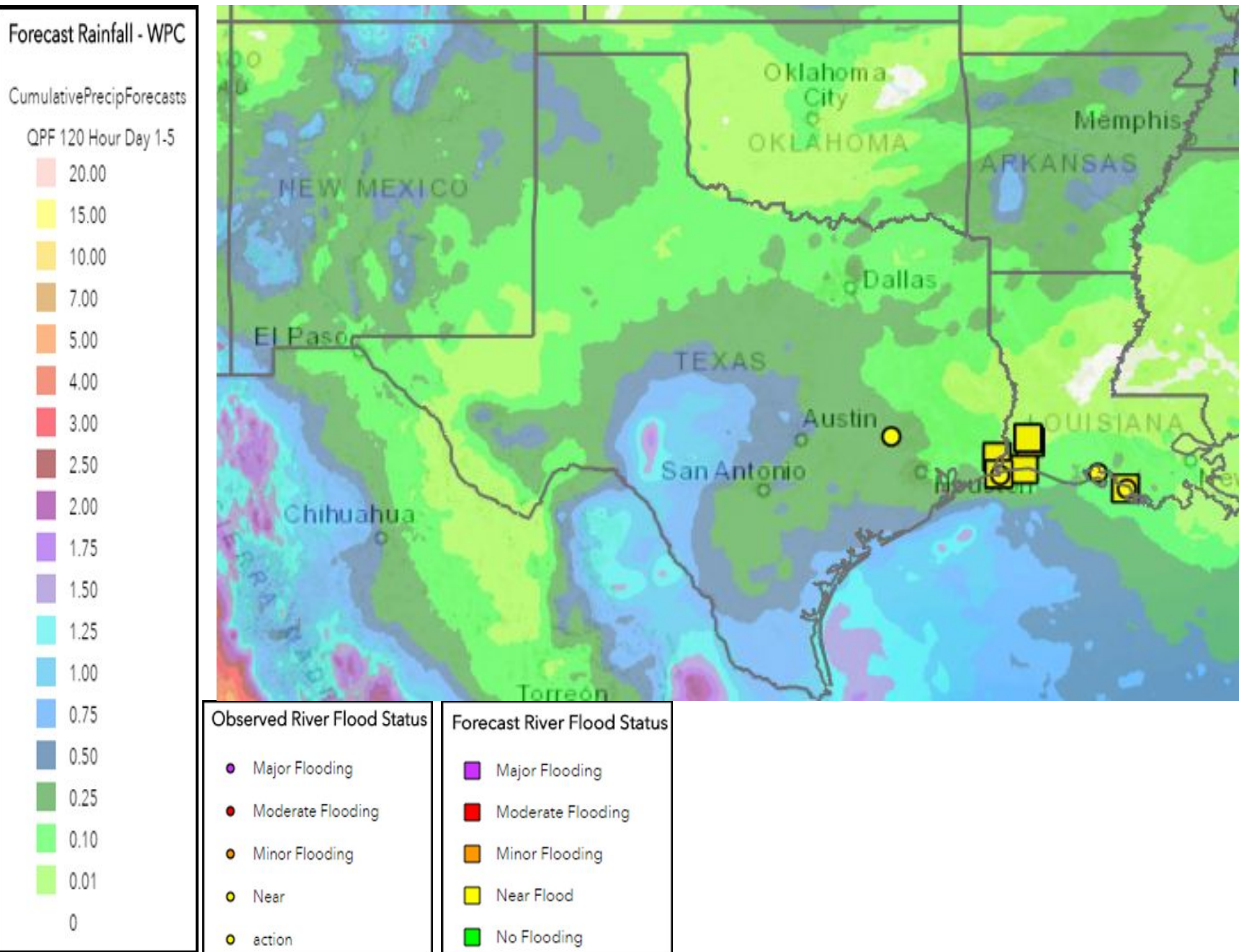
- Hurricane Lorena is not expected to bring tropical storm impacts to New Mexico or Texas.
- Favorable conditions for heavy rain and flash flooding could develop from in portions of New Mexico and Texas Friday-Monday as remnants from Hurricane Lorena moves northeastward.





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



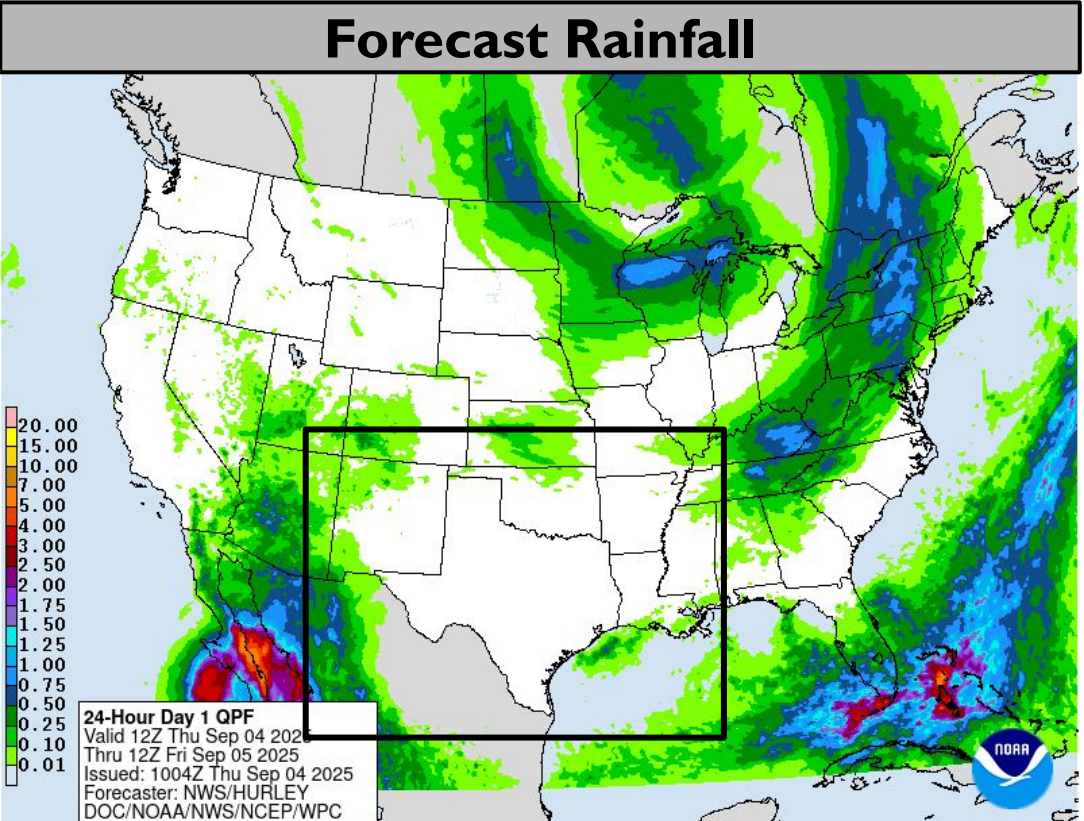
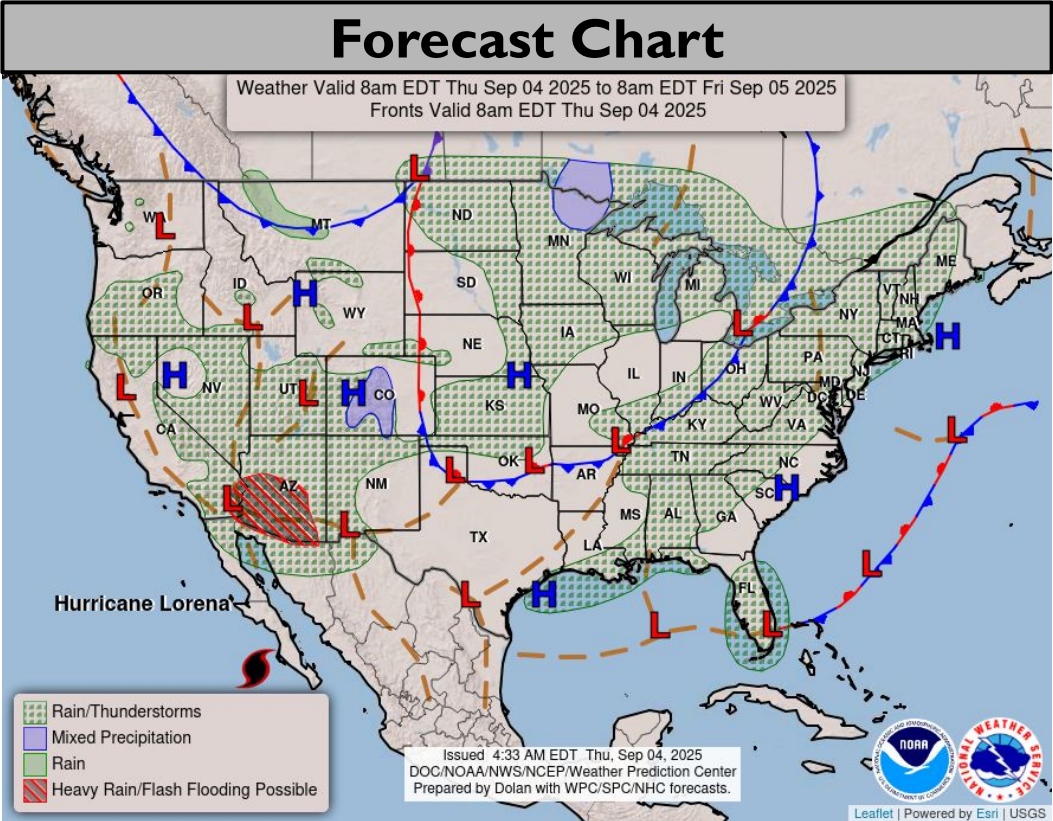
Significant river flooding is not expected.

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.

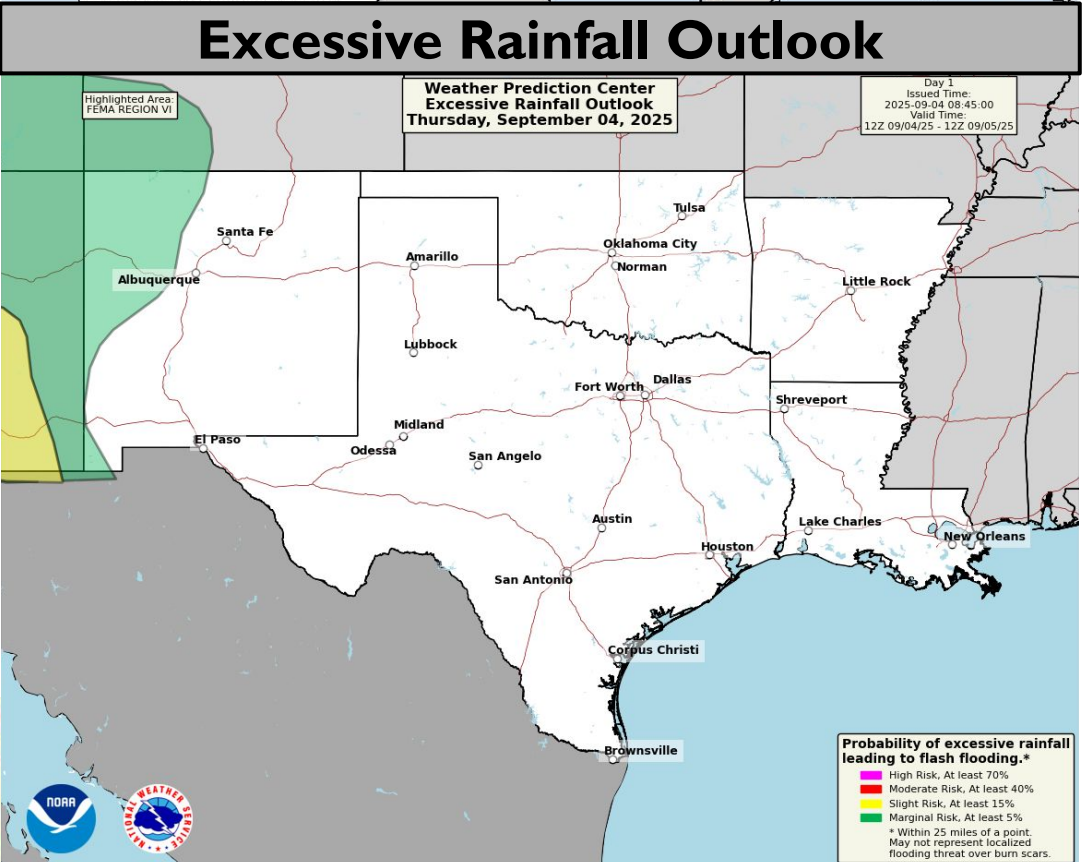
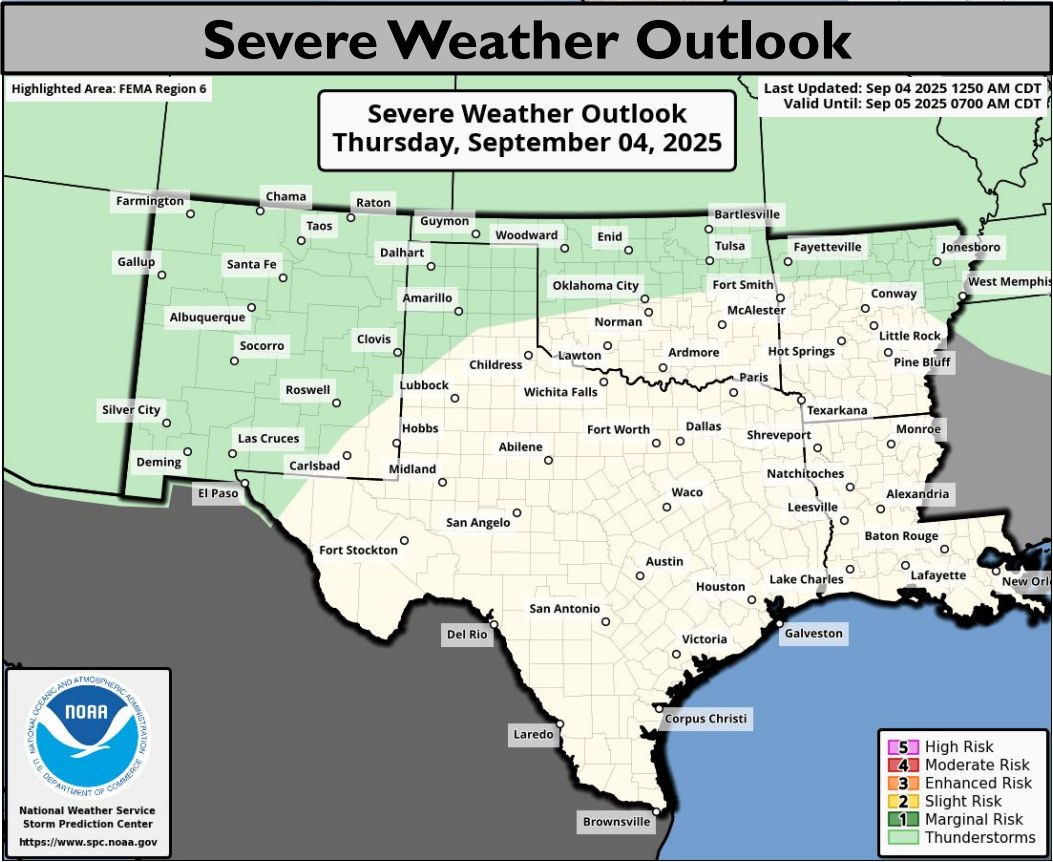




Today's Weather



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



Burn Scar Flash Flooding information on Burn Scar Matrix slides

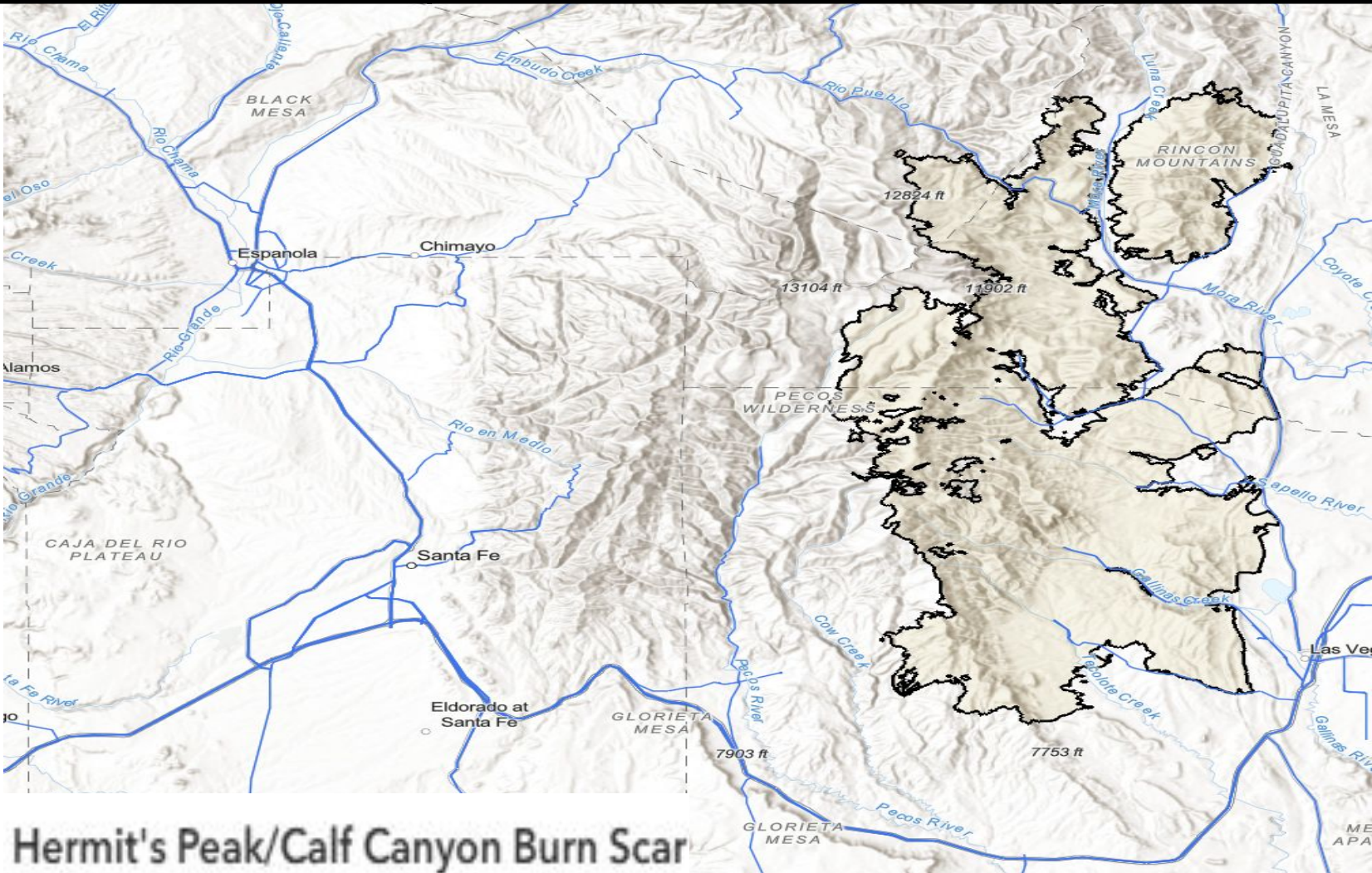




Burn Scar Debris Flow Risk - HPCC Scar New Mexico

Hermit's Peak/Calf Canyon Burn Scar

	Thursday, Sep 4	Friday, Sep 5	Saturday, Sep 6	Sunday, Sep 7
Flash Flooding	Minor	Moderate	Moderate	Moderate
Timing - CDT	2pm-10pm	Afternoon/Evening	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.	

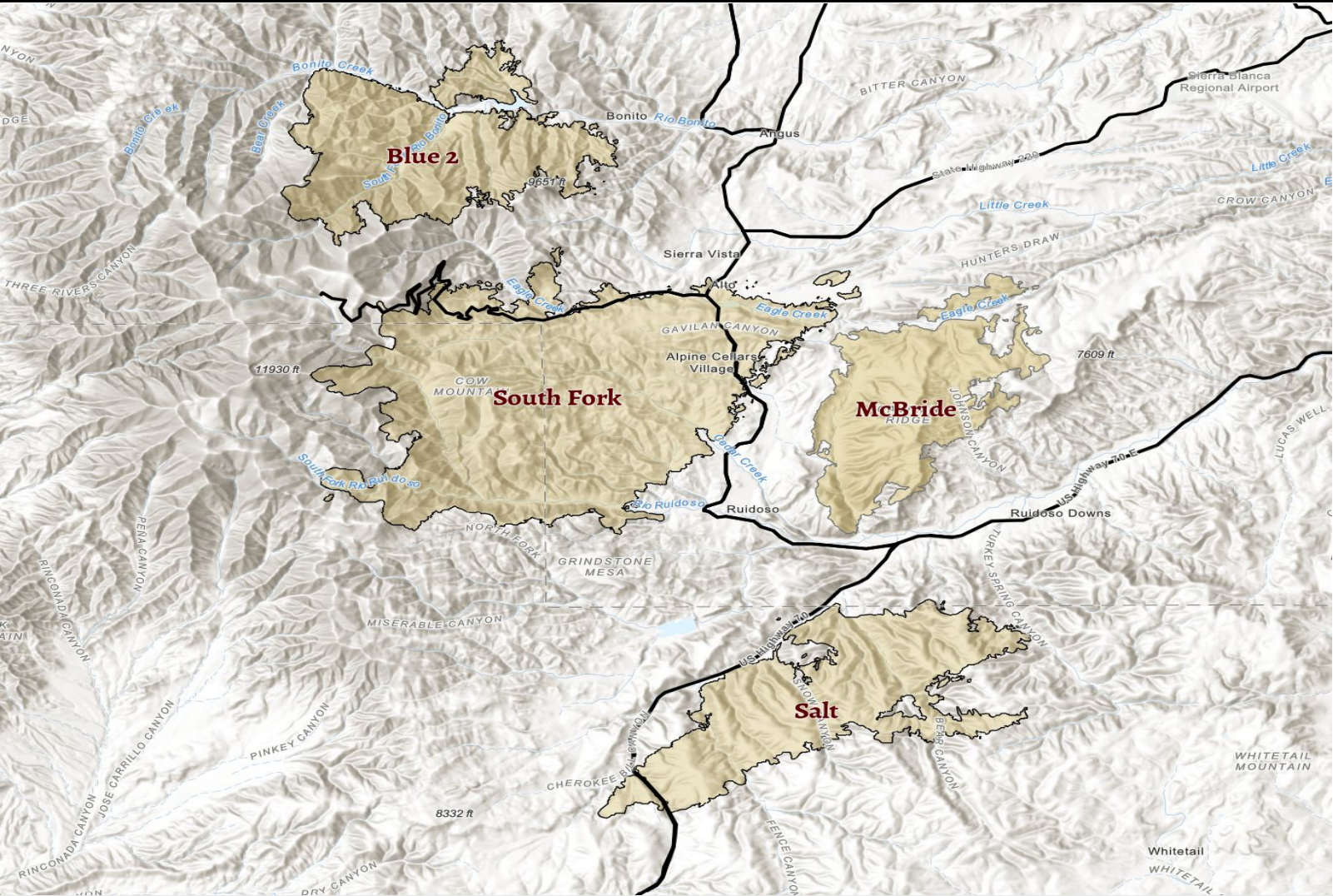




Burn Scar Debris Flow Risk - Ruidoso, New Mexico

Sacramento Complex

	Thursday, Sep 4	Friday, Sep 5	Saturday, Sep 6	Sunday, Sep 7
Flash Flooding	Minor	Moderate	Moderate	Moderate
Timing - CDT	2pm-10pm	Afternoon/Evening	Afternoon/Evening	Afternoon/Evening

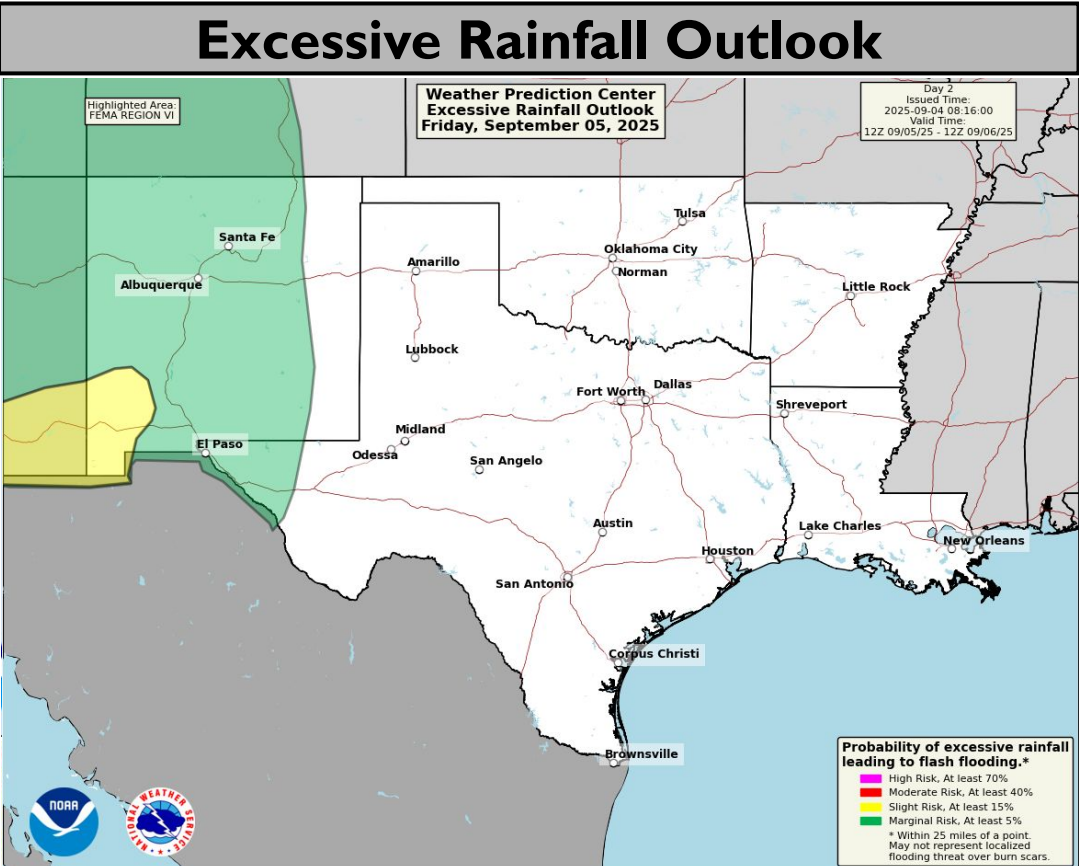
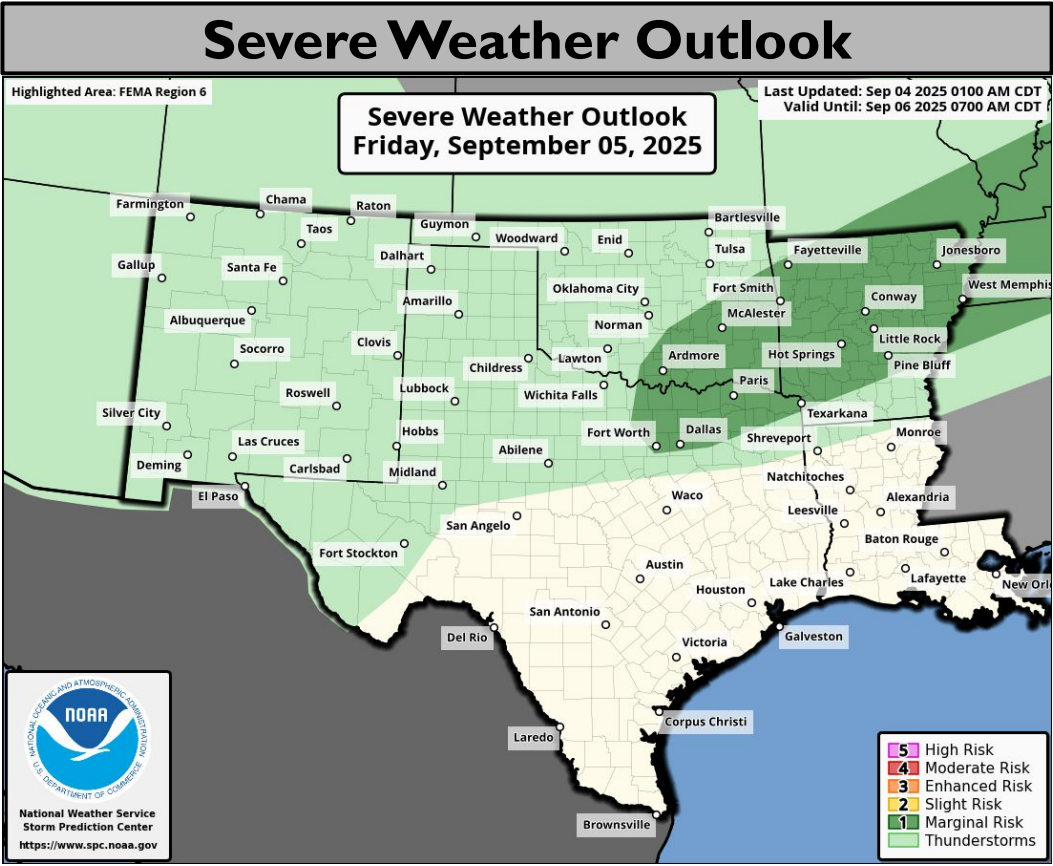
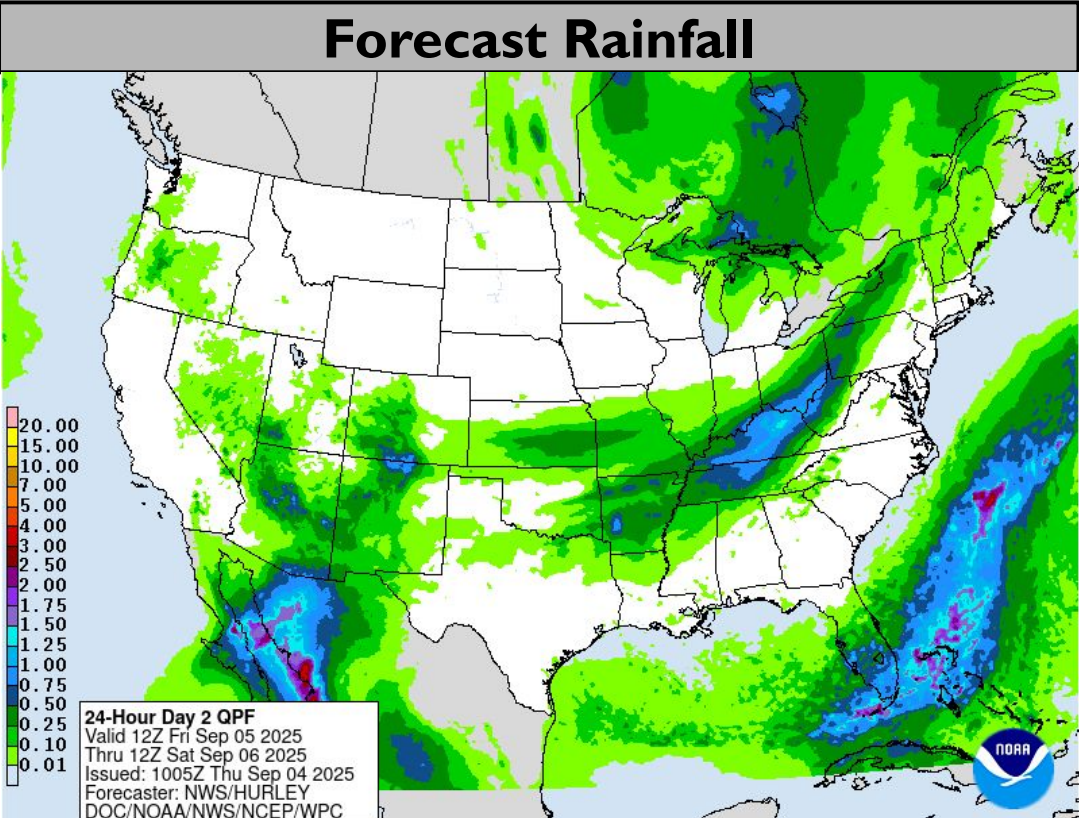
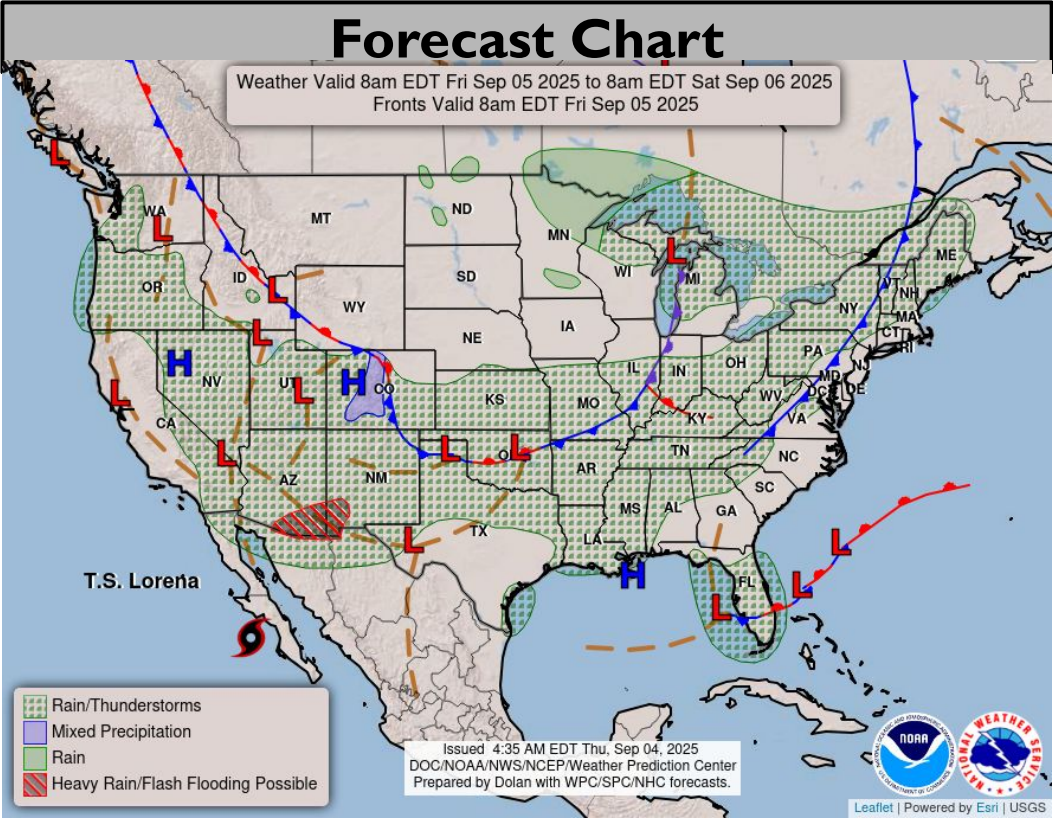


Little to None	No Flash Flood Threat
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Major (level 3 of 4)	Flood Watch Issued OR Debris Flow Probability > 50%
Extreme (level 4 of 4)	Life Threatening Flash Flooding Likely - Historic Type Day
<ul style="list-style-type: none">WPC's Excessive Rainfall 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



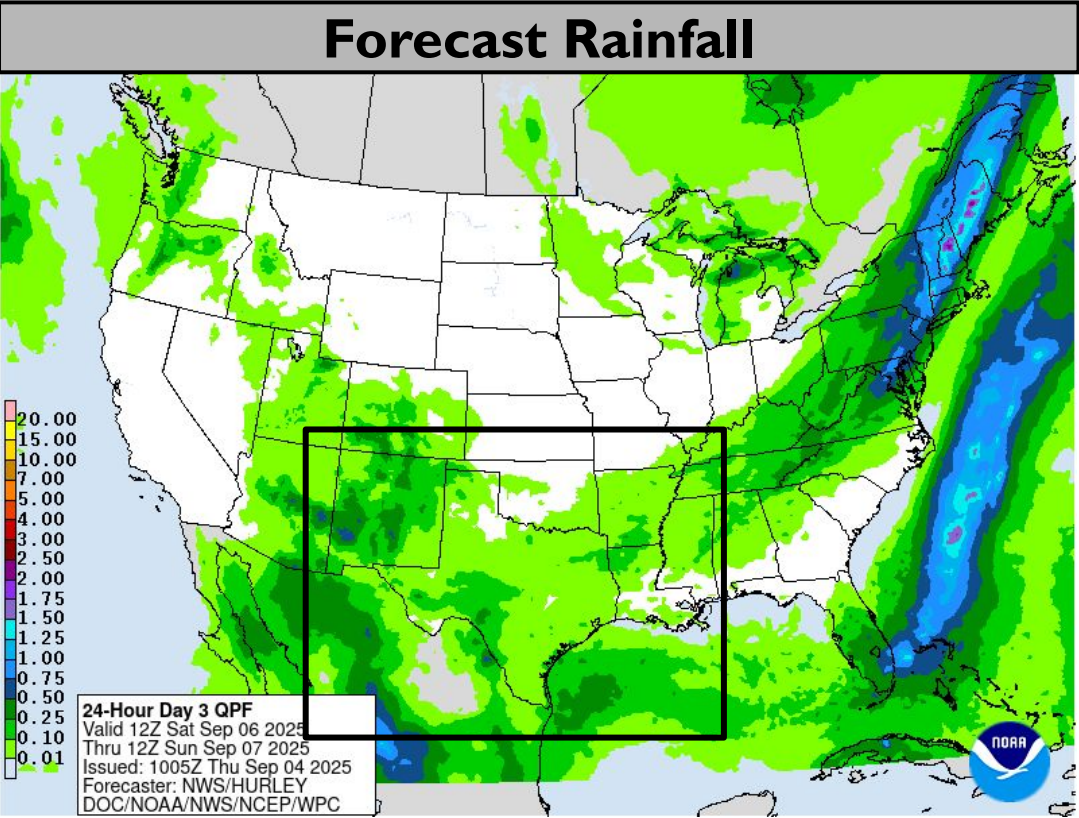
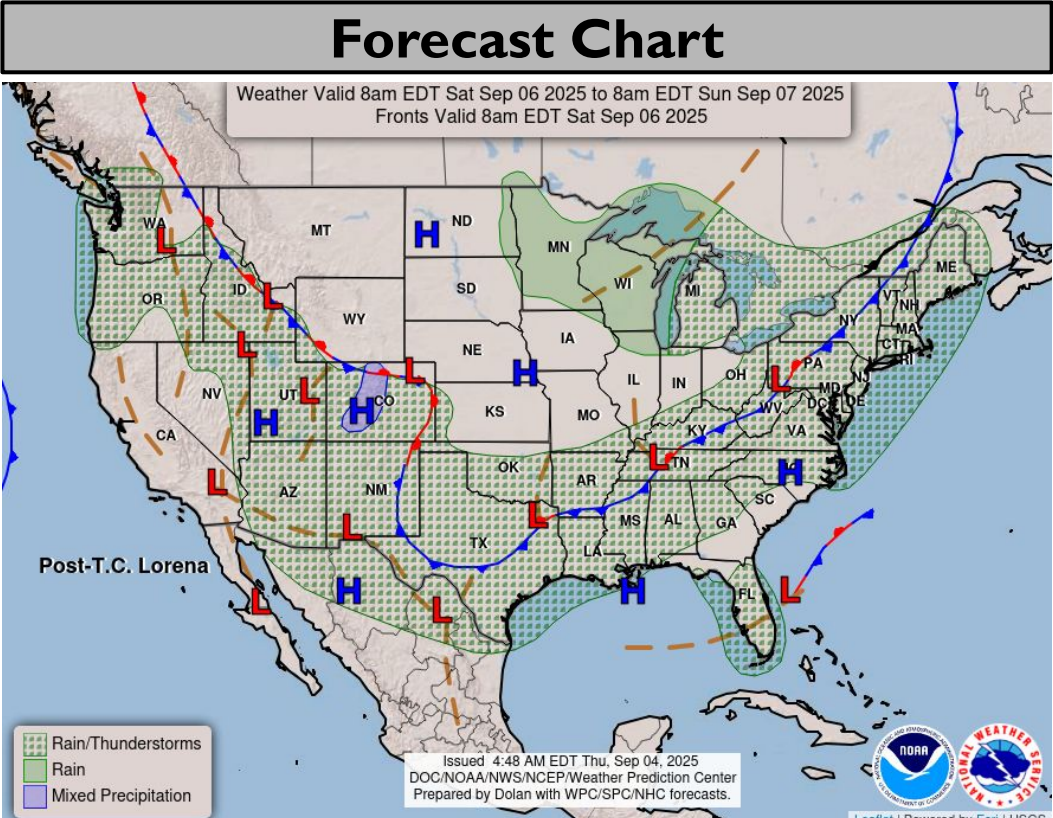
Slight risk (level 2 of 4) for flash flooding in SW NM.

Marginal risk (level 1 of 5) for severe storms in SE OK, NETX, AR.

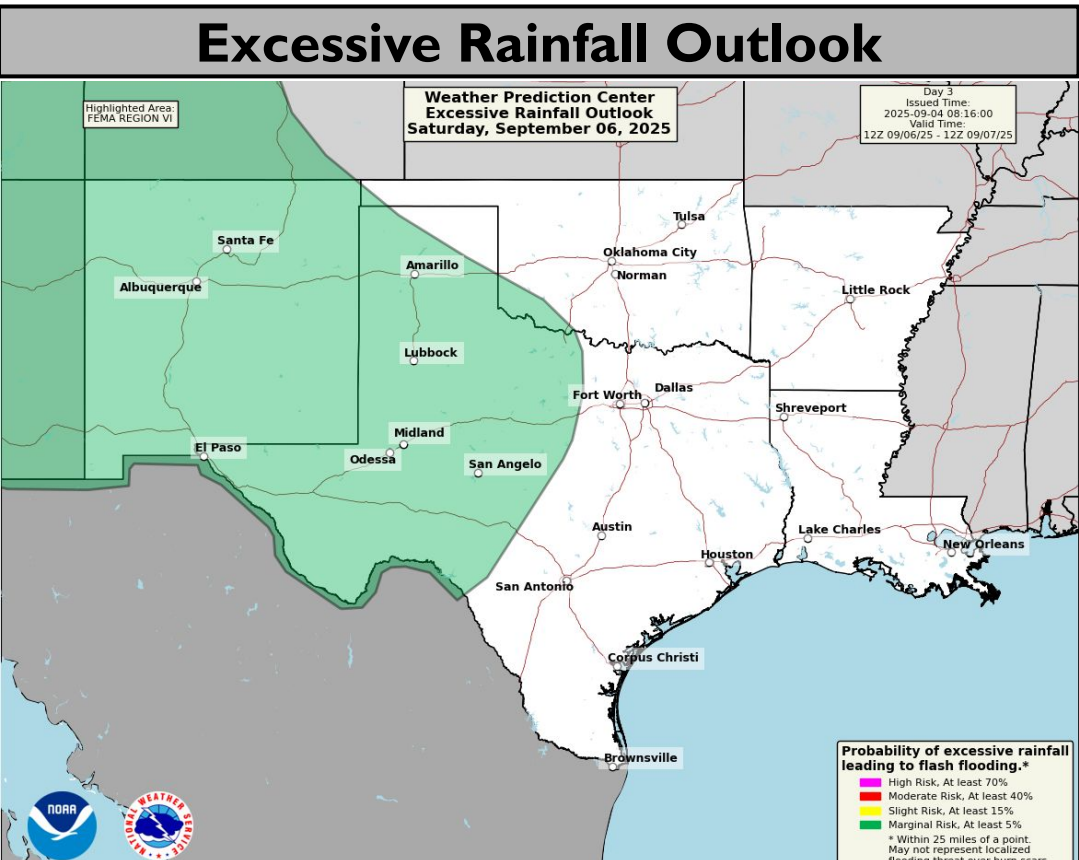
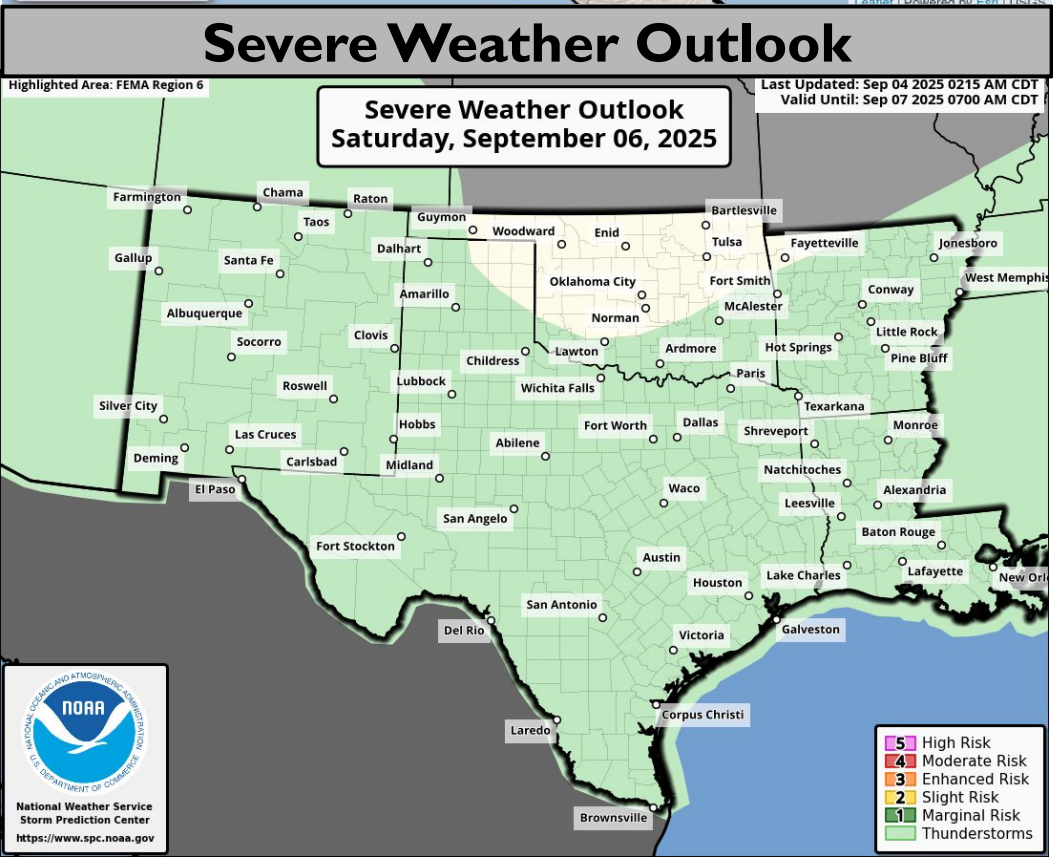
****Burn Scar Flash Flooding information on Burn Scar Matrix slides****



Saturday's Weather



Marginal risk (level 1 of 4) for flash flooding for NM, W/W-Ctrl TX, and the TX Panhandle.



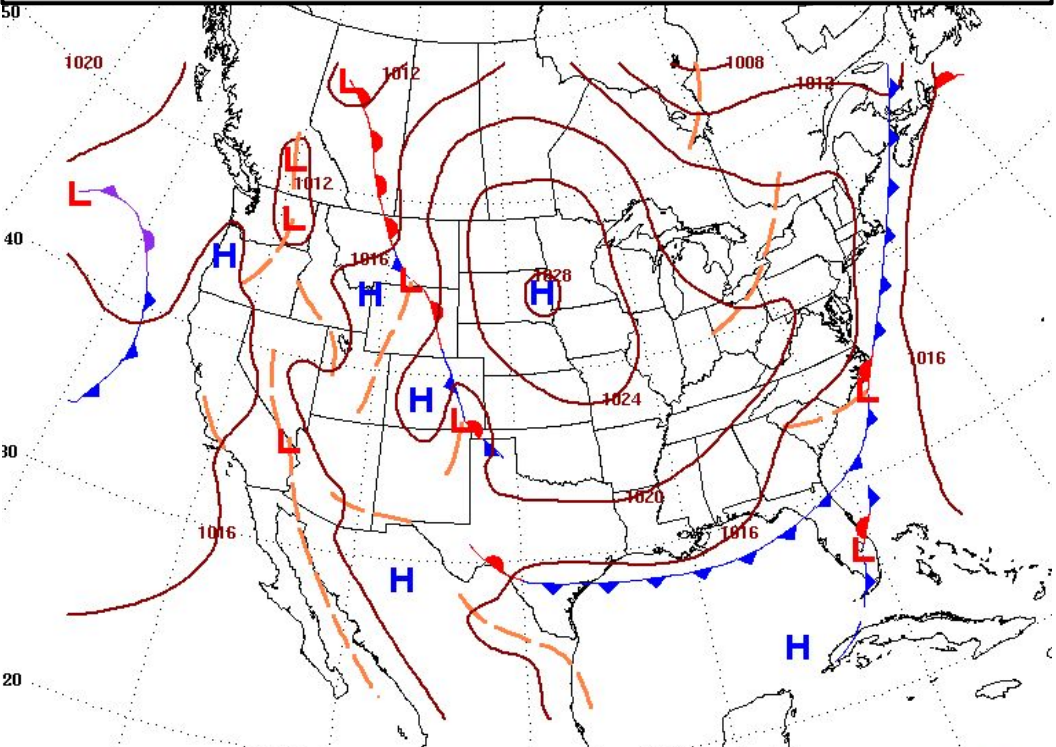
****Burn Scar Flash Flooding information on Burn Scar Matrix slides****



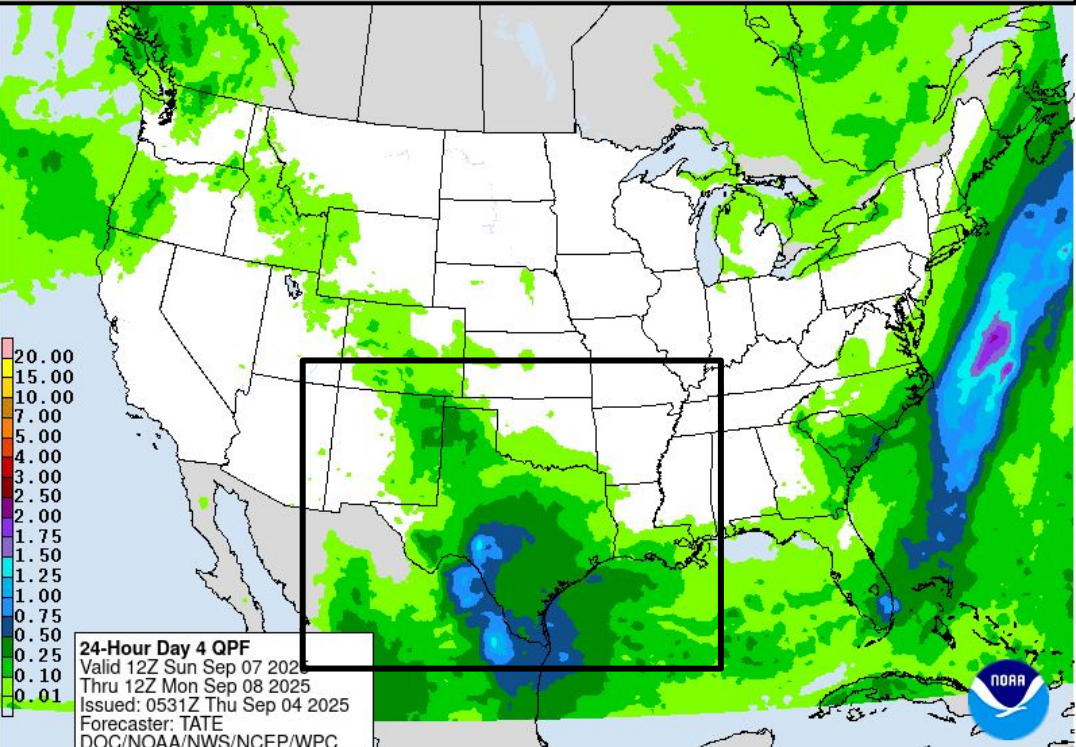


Sunday's Weather

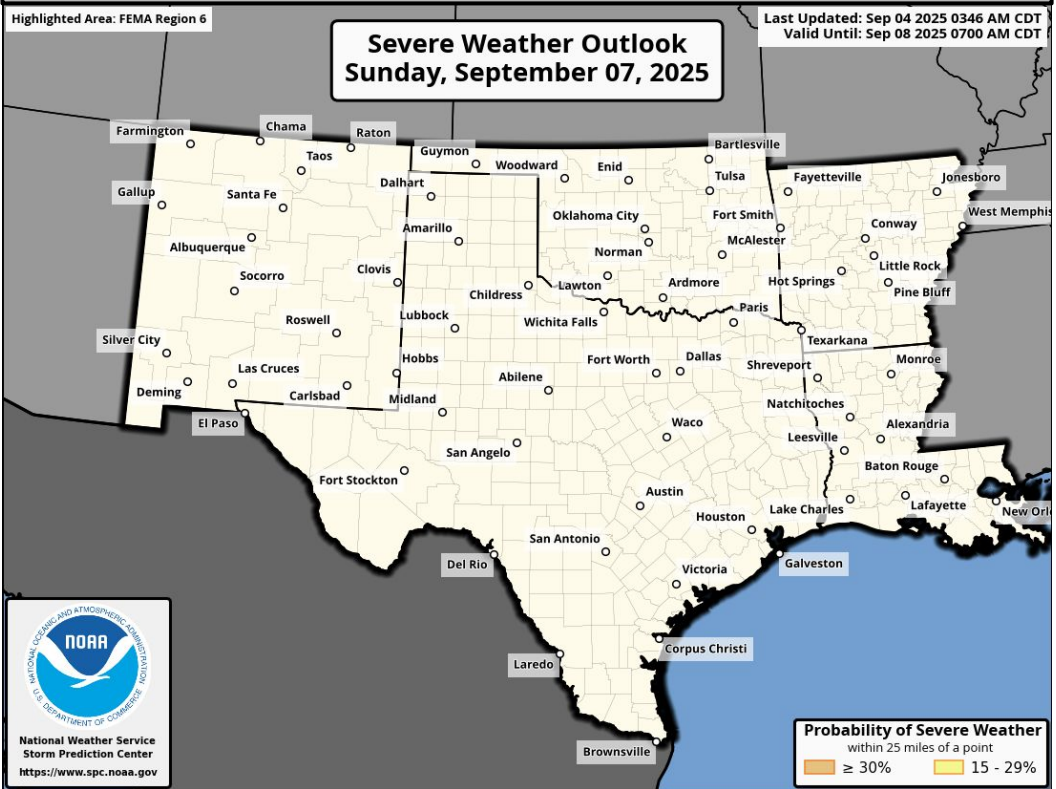
Forecast Chart



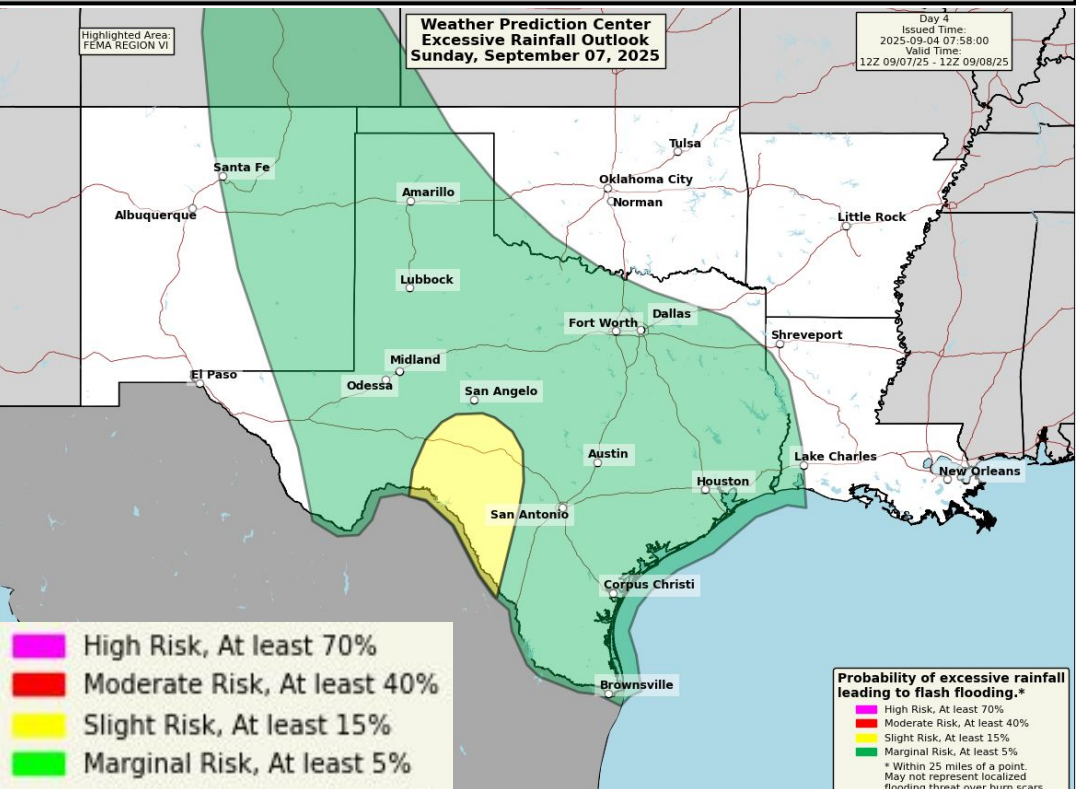
Forecast Rainfall



Severe Weather Outlook



Excessive Rainfall Outlook



Slight risk (level 2 of 4) for flash flooding in S/CTX.

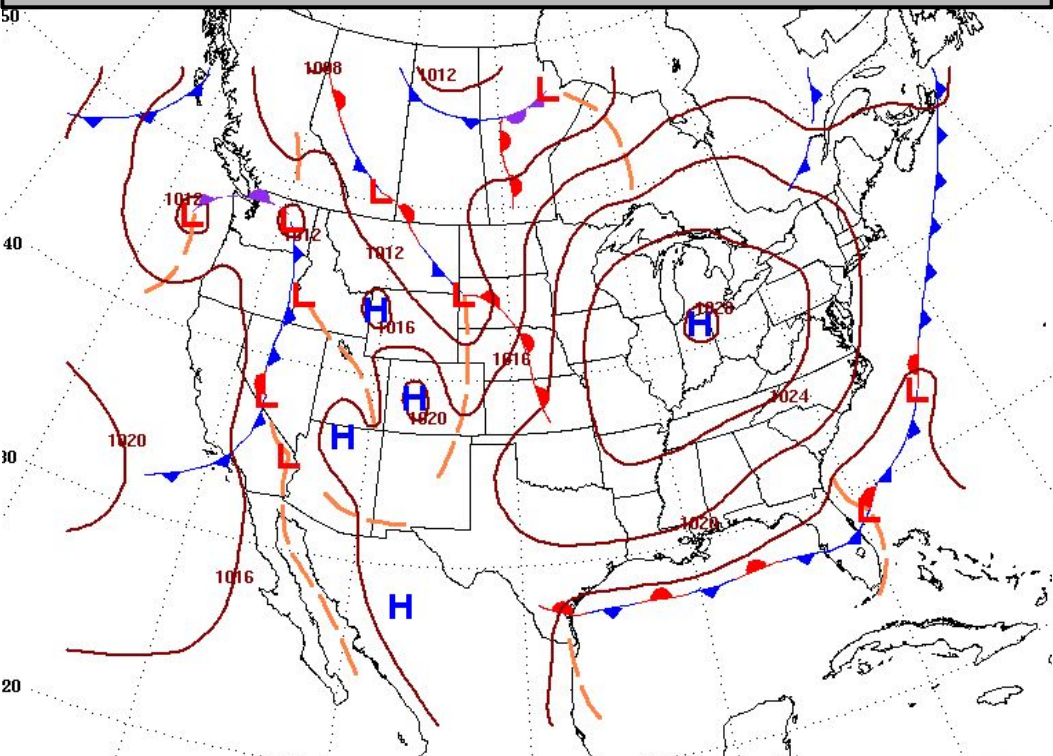
Marginal risk (level 1 of 4) for flash flooding for most of TX, OK, W AR, W LA.

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

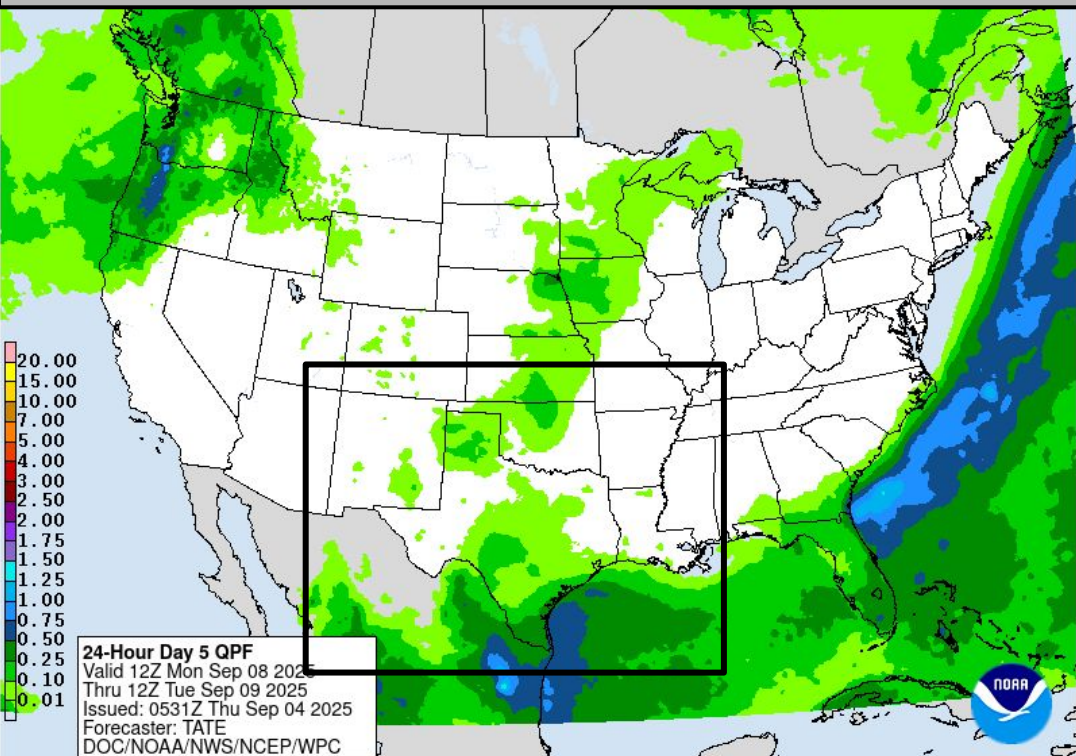


Monday's Weather

Forecast Chart

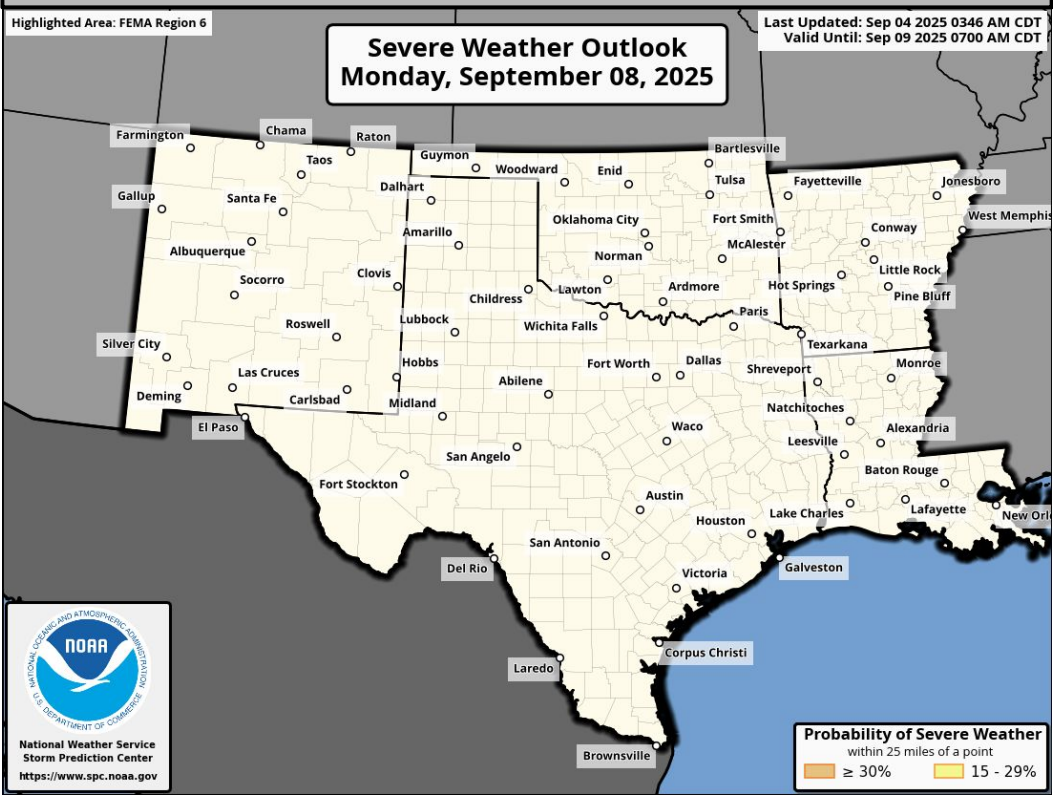


Forecast Rainfall

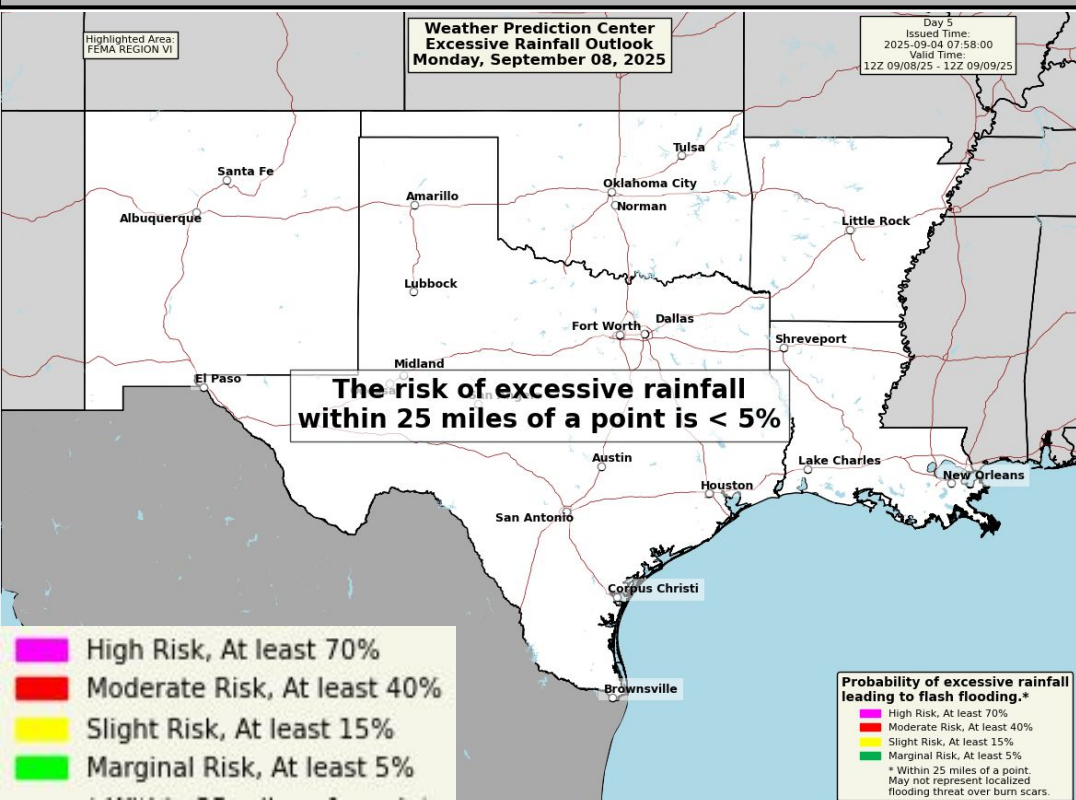


Monitoring for morning heavy rainfall in STX.

Severe Weather Outlook



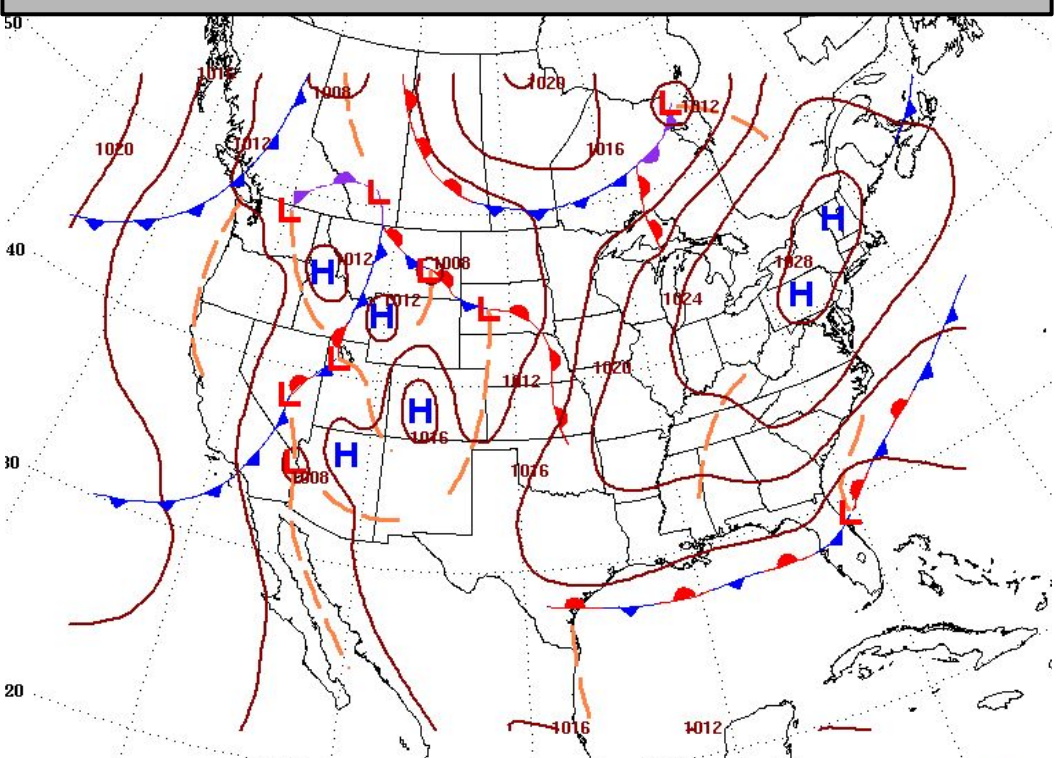
Excessive Rainfall Outlook



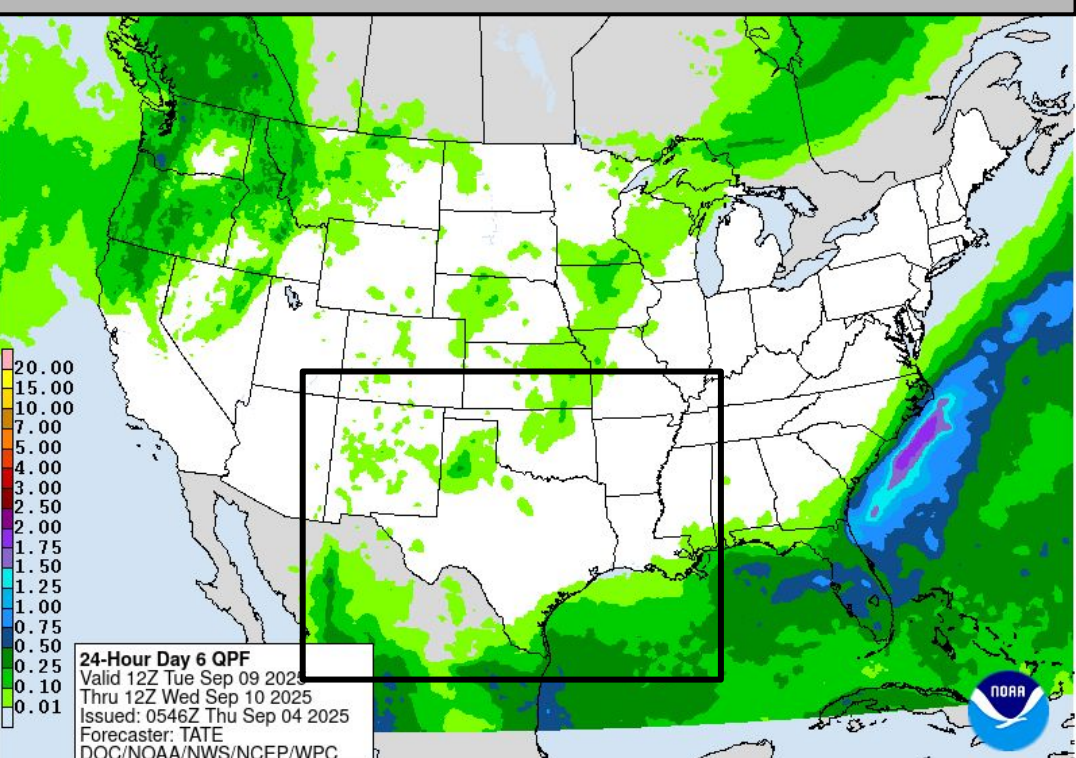


Tuesday's Weather

Forecast Chart

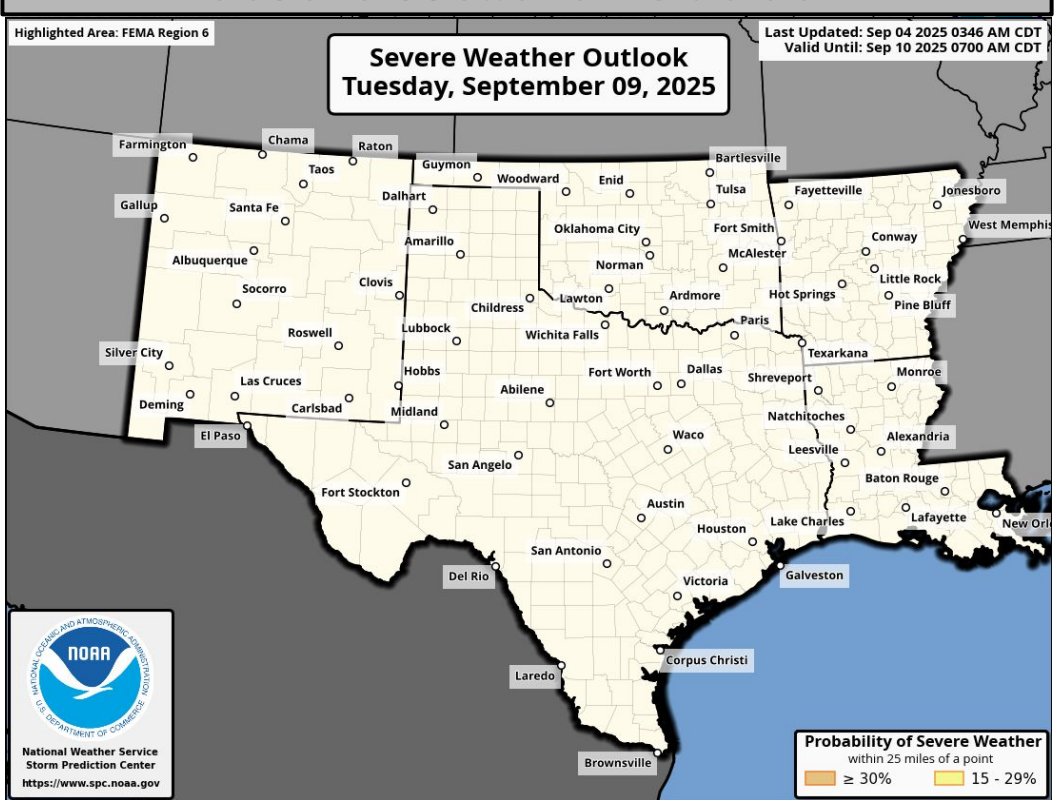


Forecast Rainfall



No significant weather expected.

Severe Weather Outlook



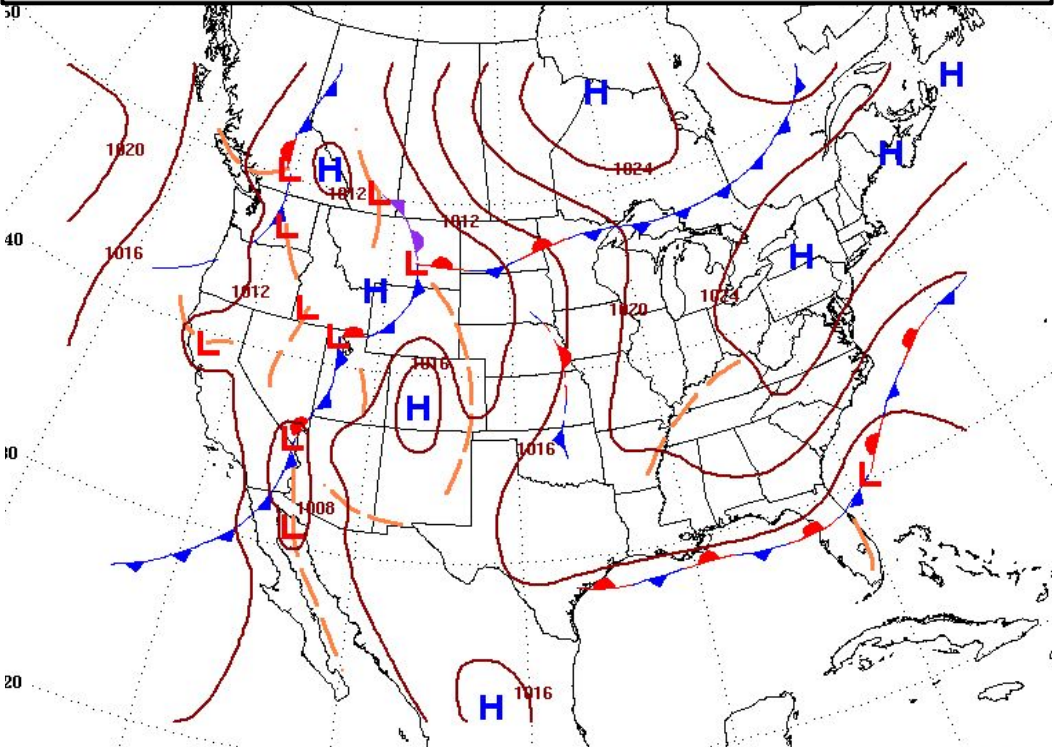
Excessive Rainfall Outlooks
not available beyond Day 5



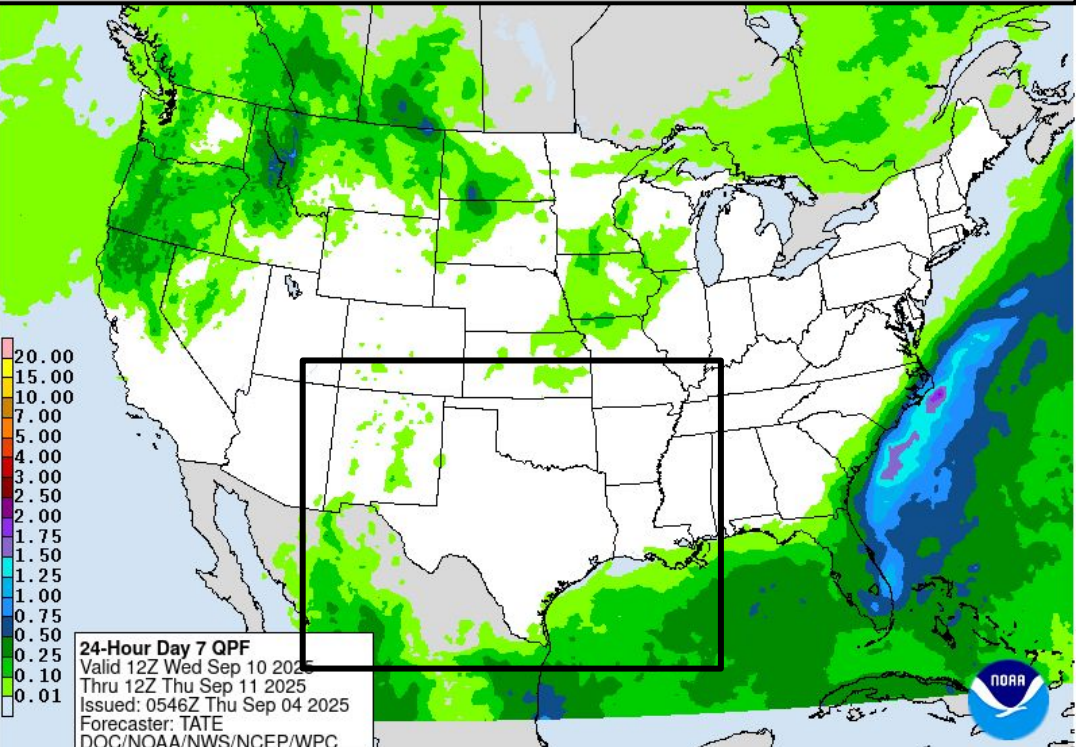


Wednesday's Weather

Forecast Chart

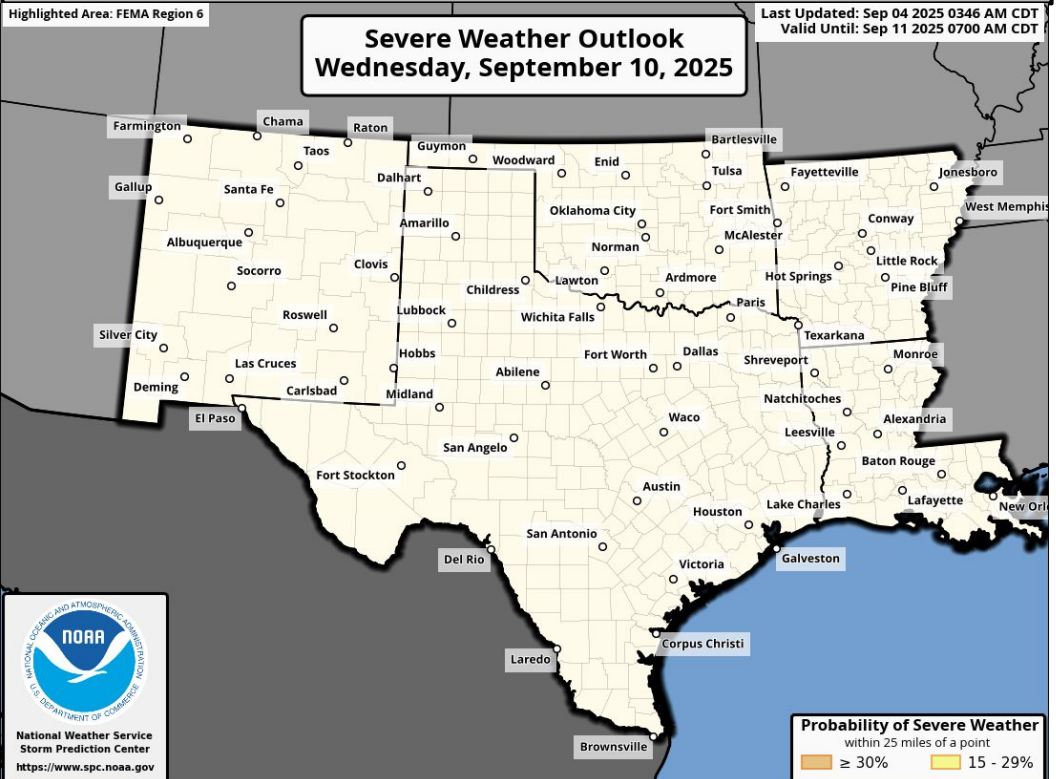


Forecast Rainfall



No significant weather expected.

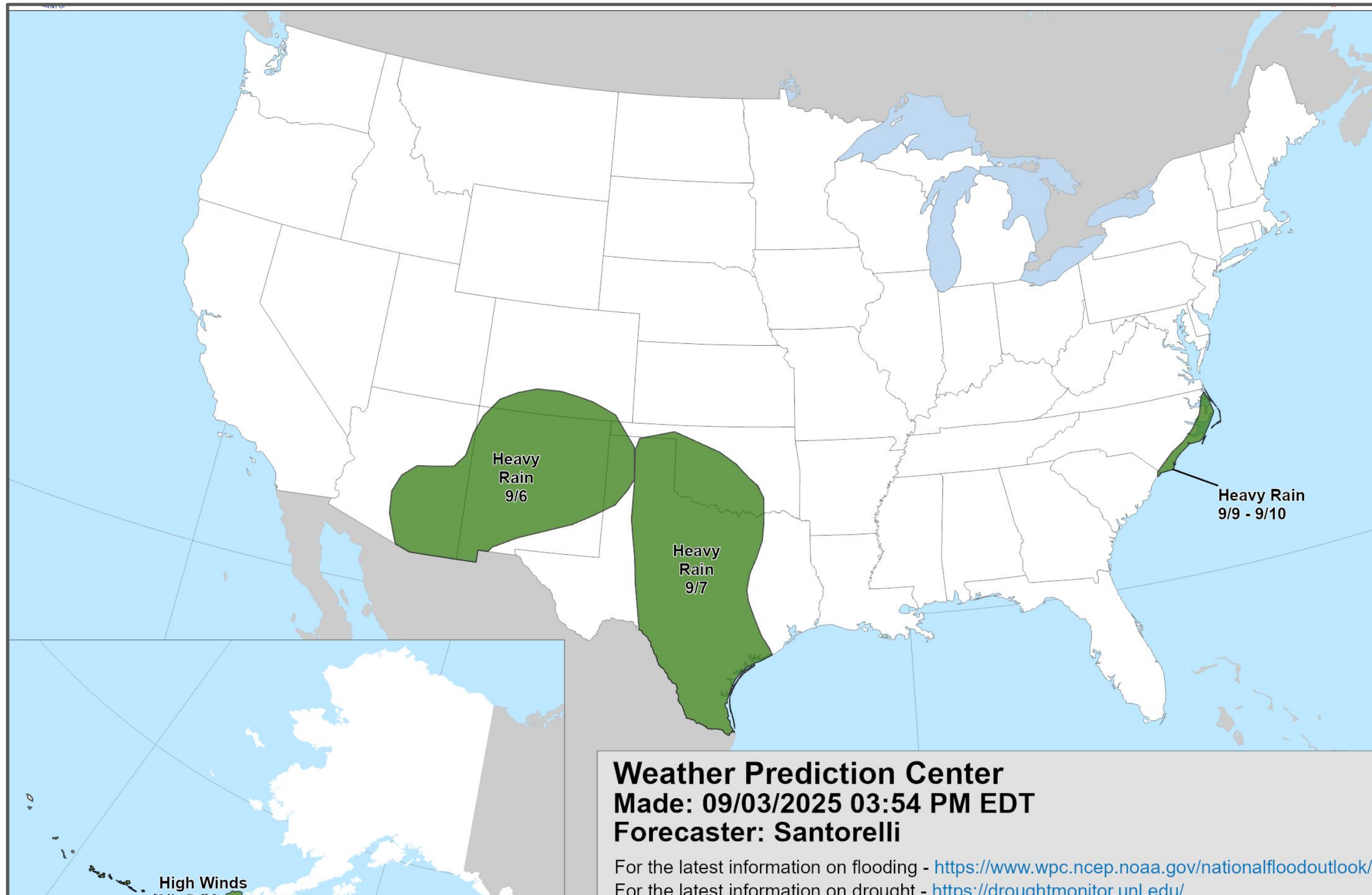
Severe Weather Outlook



Excessive Rainfall Outlooks
not available beyond Day 5

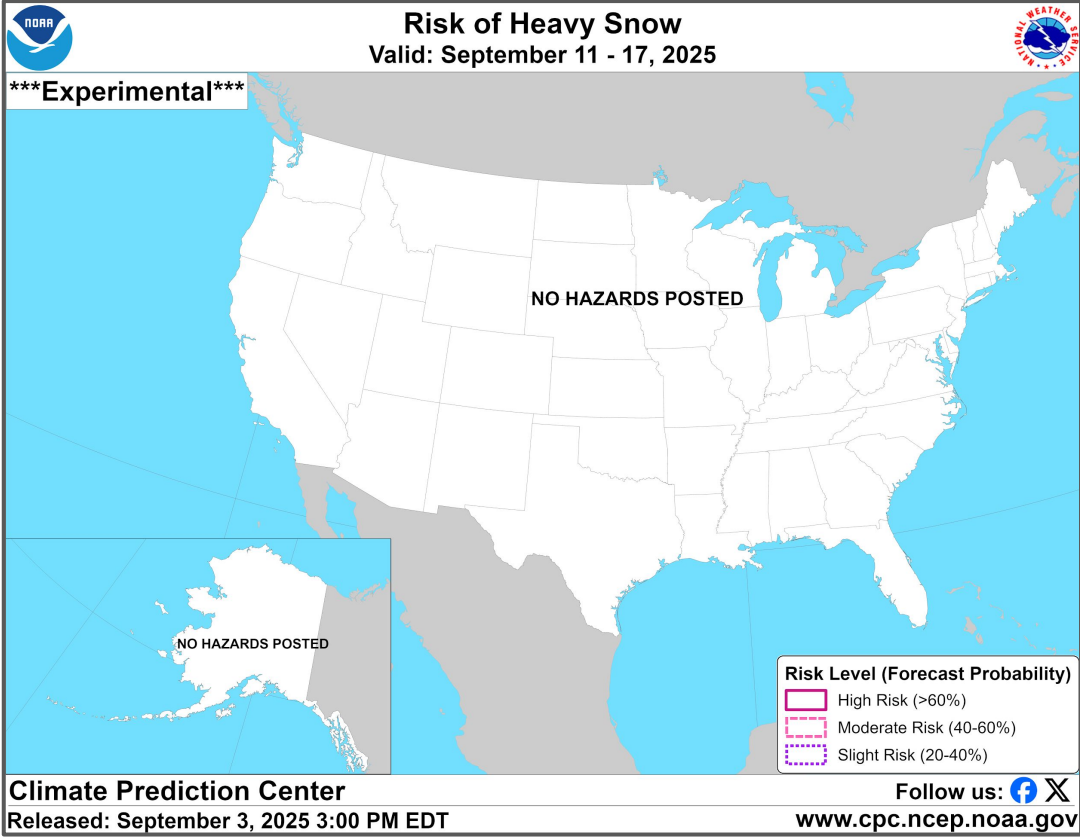
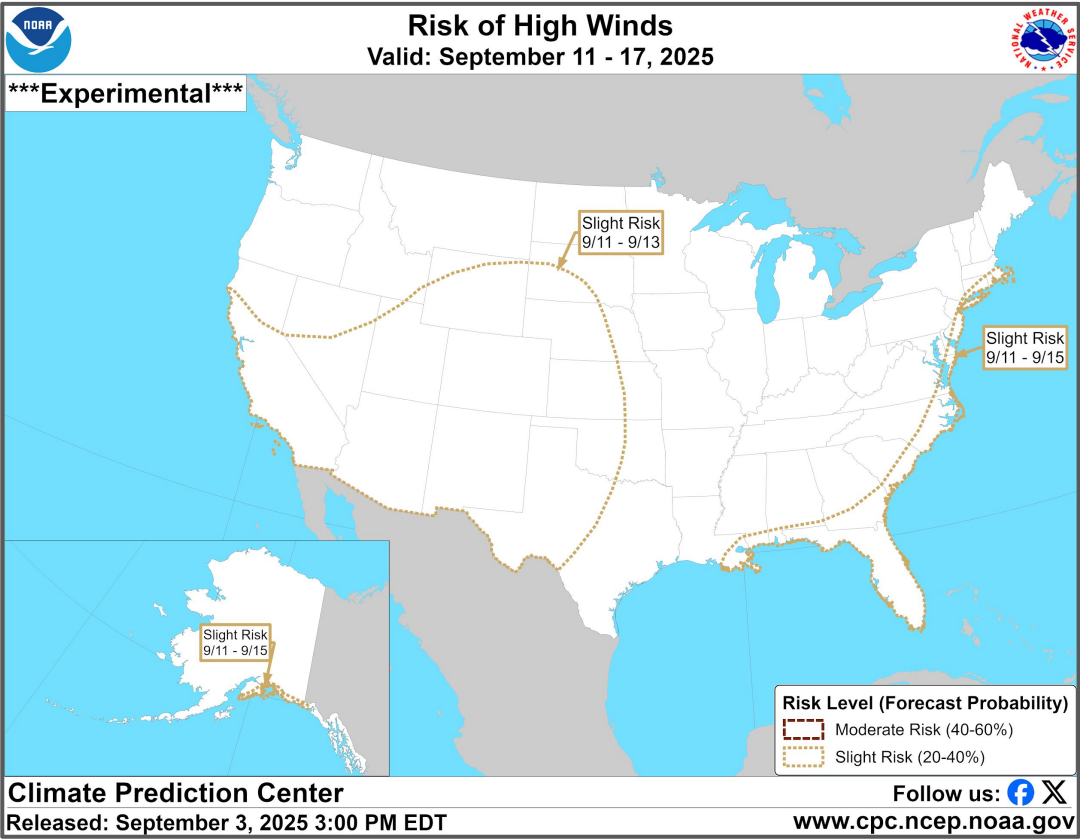
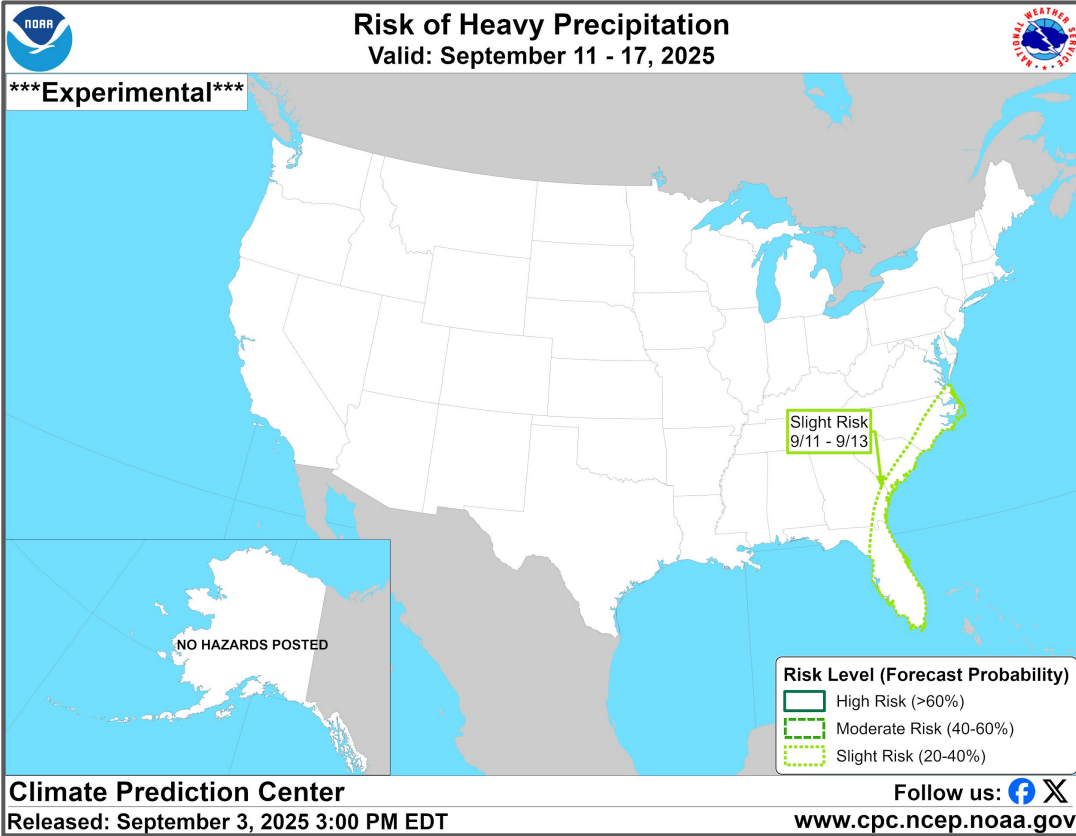
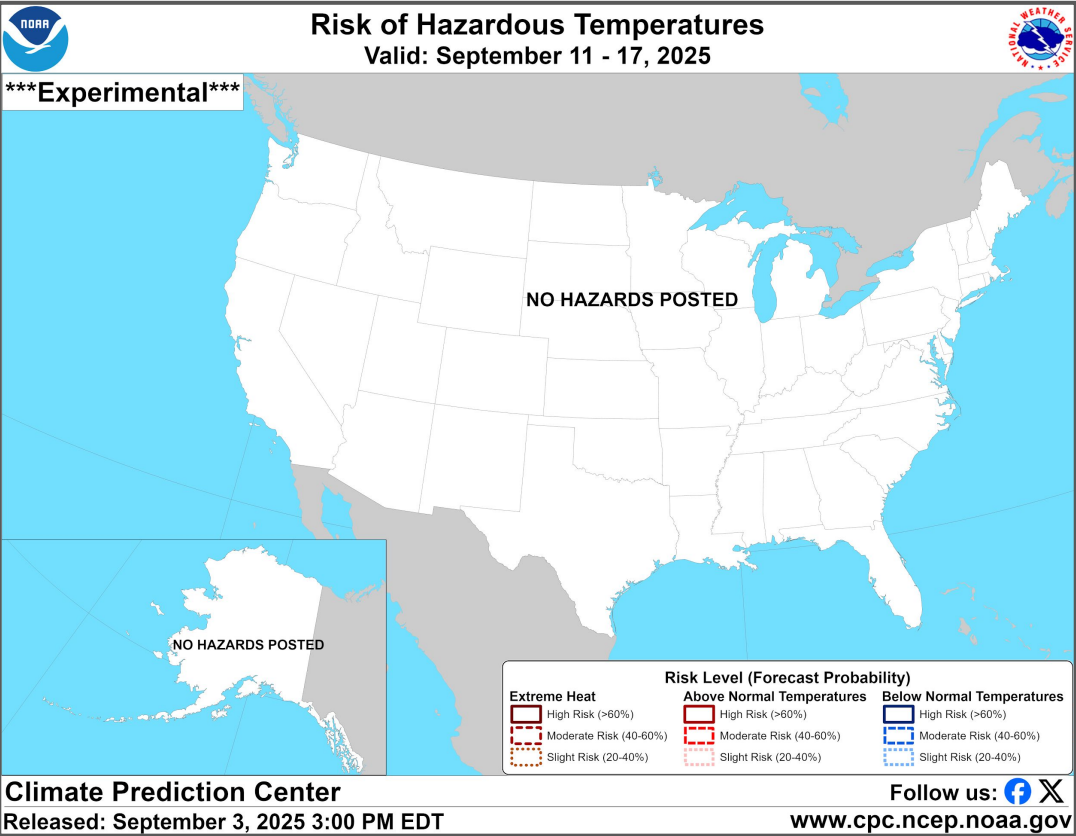
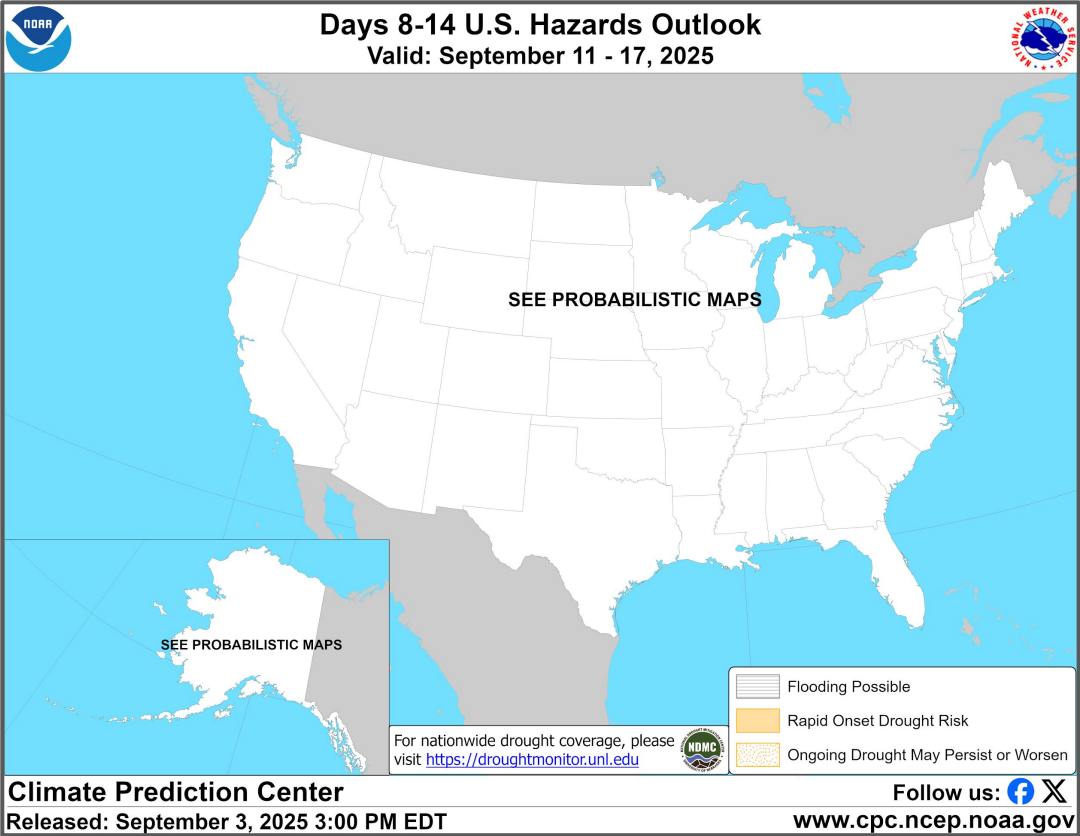


“Day 3-7” Hazards Outlook





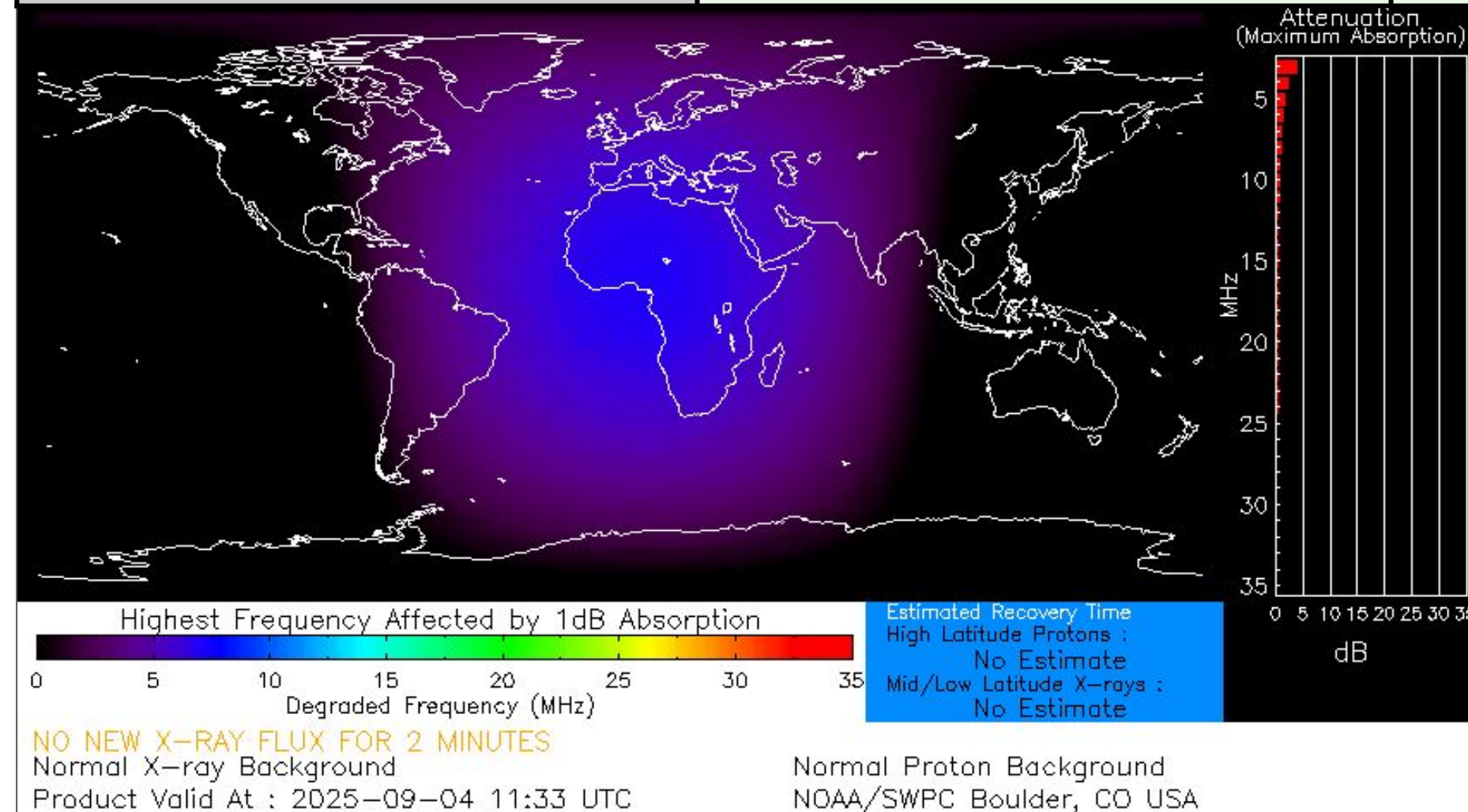
“Day 8-14” Hazards Outlook





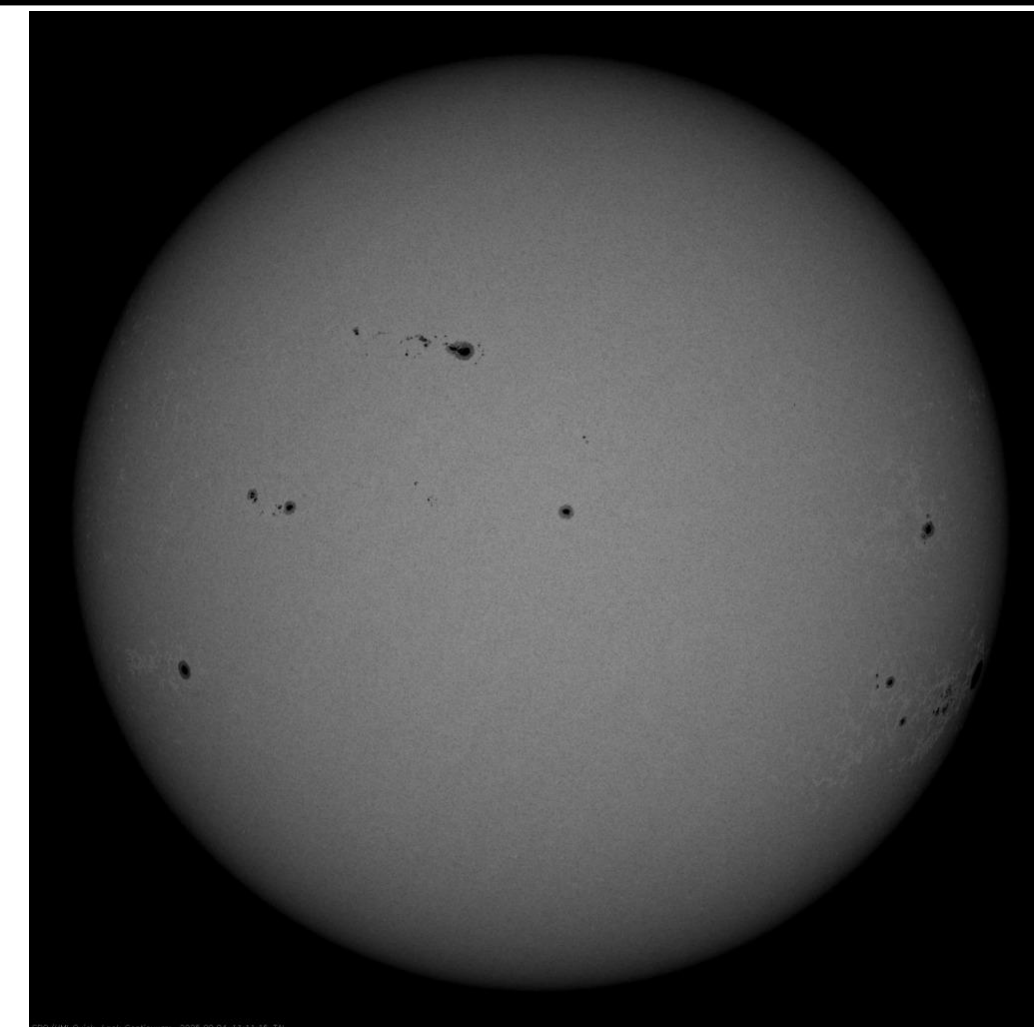
Space Weather 3-Day Forecast

	Thursday, Sep 4	Friday, Sep 5	Saturday, Sep 6
Geomagnetic Storms	Unsettled (Max Kp=3)	Minor (G1 storm) (Max Kp=5)	Unsettled (Max Kp=3)
Solar Radiation Storm (S1-S5)	10%	10%	5%
Radio Blackout (R1-R2)	50%	50%	35%
Radio Blackout (R3-R5)	10%	10%	5%



[Description of the Space Weather Storm Scales](#)

[Latest 3-Day Space Weather Forecast](#)





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

