



FEMA



Prepared by
Brian Hoeth

FEMA Region 6 Weather Threat Briefing

Wednesday, September 03, 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 on Thursday 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.**
- **NM Burn Scars: Slight risk (level 1 of 4) today and Thursday increasing to Moderate risk (level 2 of 4) on Friday and Saturday.**

- **Tropical Weather:**

- **Eastern Atlantic has a high chance (70%) for a tropical depression to develop by late this week or this weekend. No impacts in the next 7 days.**





FEMA Region 6 Threat Matrix

Next 7 days

	Wednesday, Sep 3	Thursday, Sep 4	Friday, Sep 5	Saturday, Sep 6	Sunday, Sep 7	Monday, Sep 8	Tuesday, Sep 9
Severe Storms							
Heavy Rain / Flash Flooding		W NM	NM, Far W TX	NM, W/W-Ctrl TX, TX Panhandle	TX, OK, W AR, W LA		
Burn Scars	N 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.

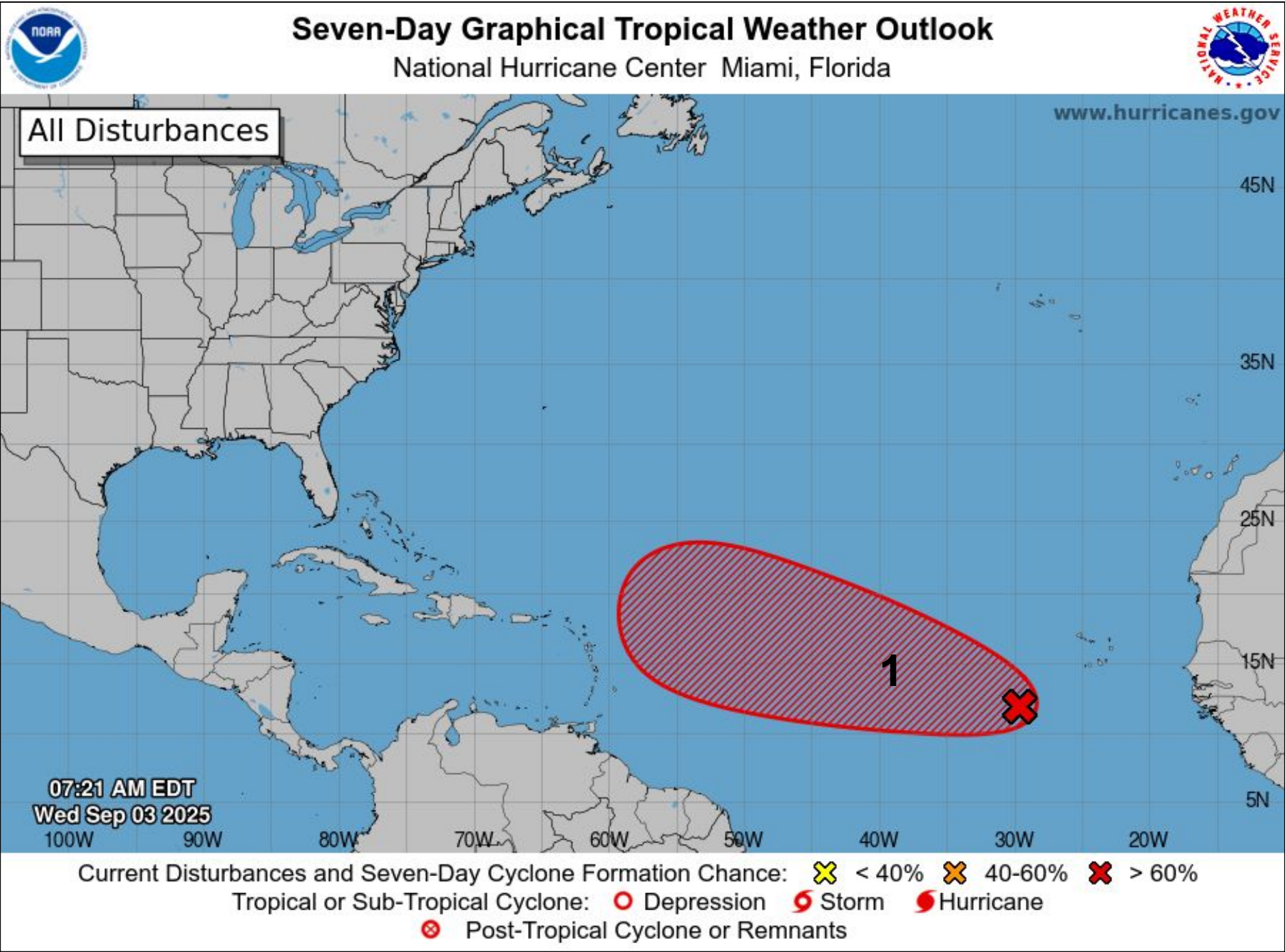
Risk Levels	Little to None	Minor	Moderate	Major	Extreme
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Tropical Weather Outlook – Atlantic/Gulf

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



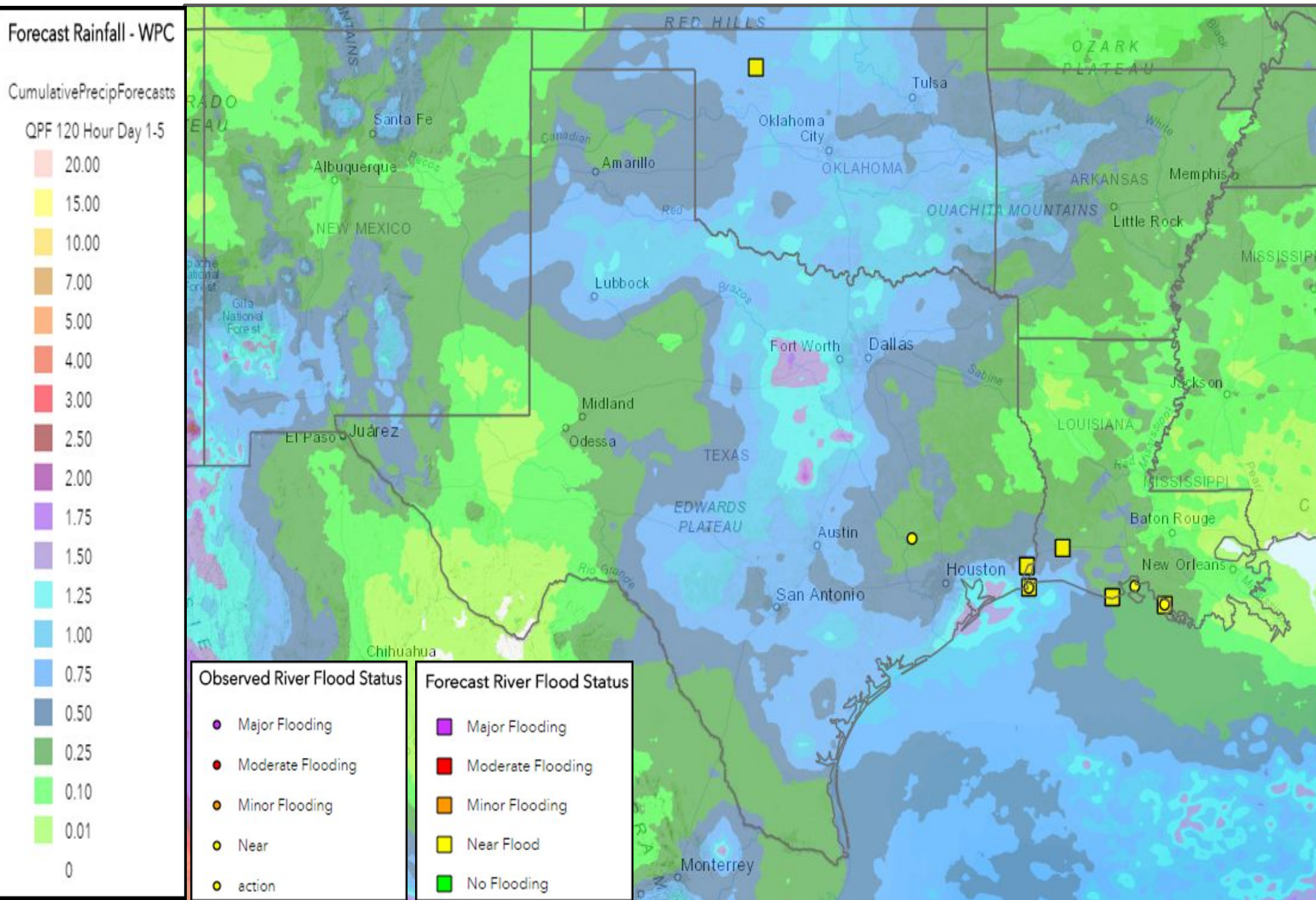
See <http://www.hurricanes.gov> for the latest on the tropics or any active storms





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



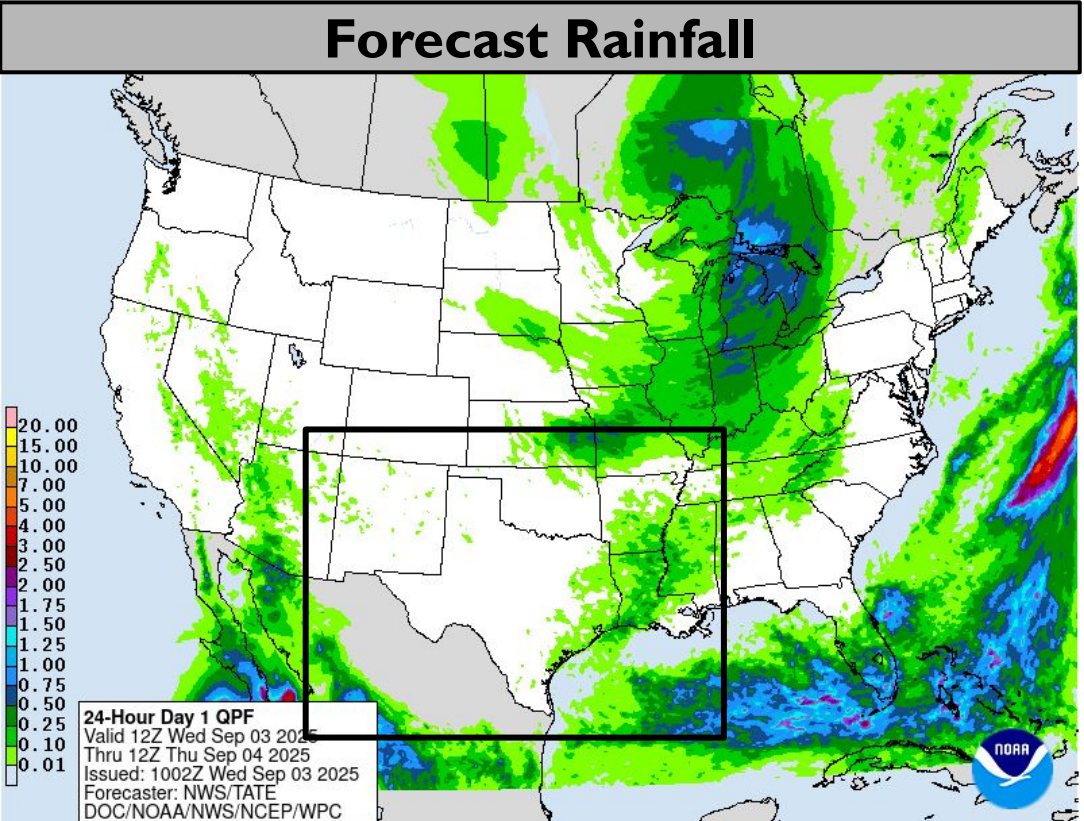
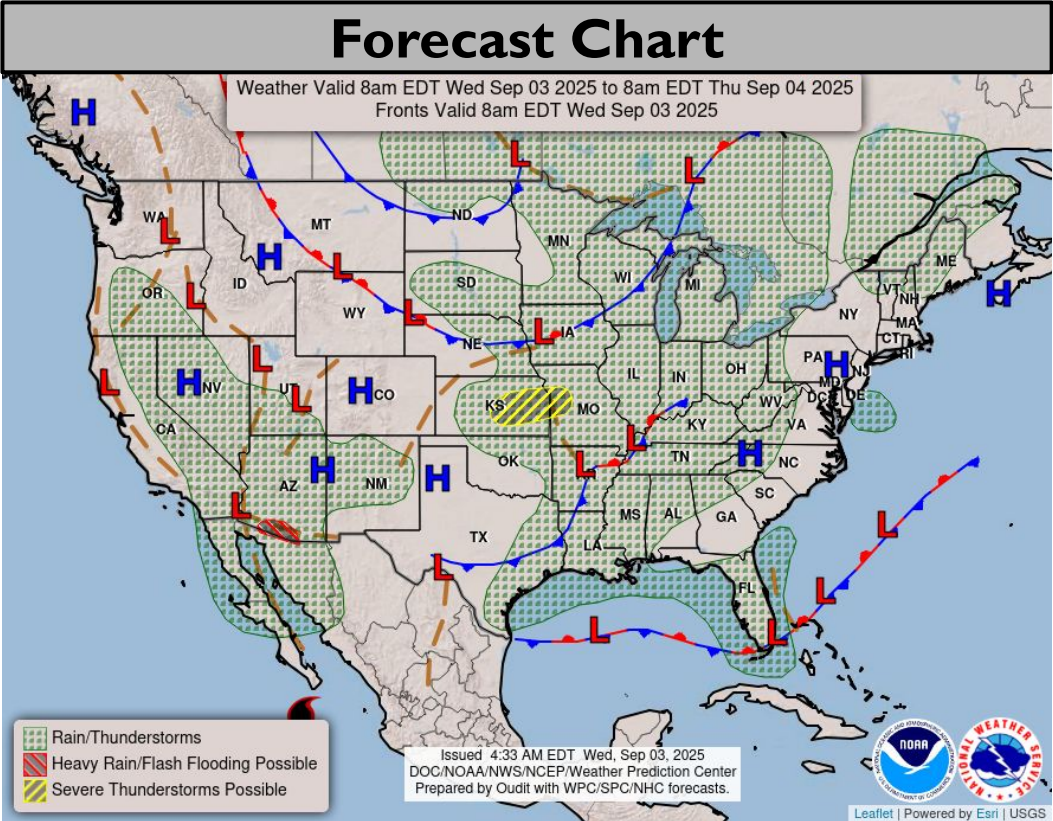
Significant river flooding is not expected.

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.

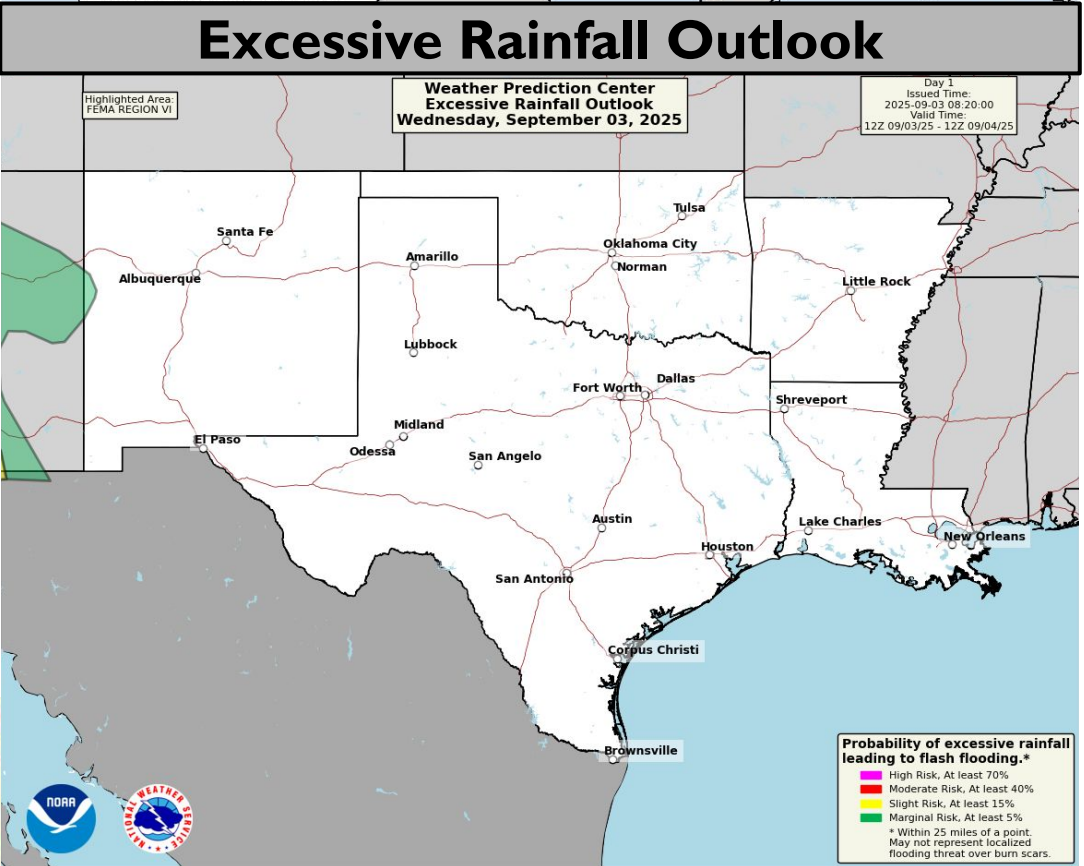
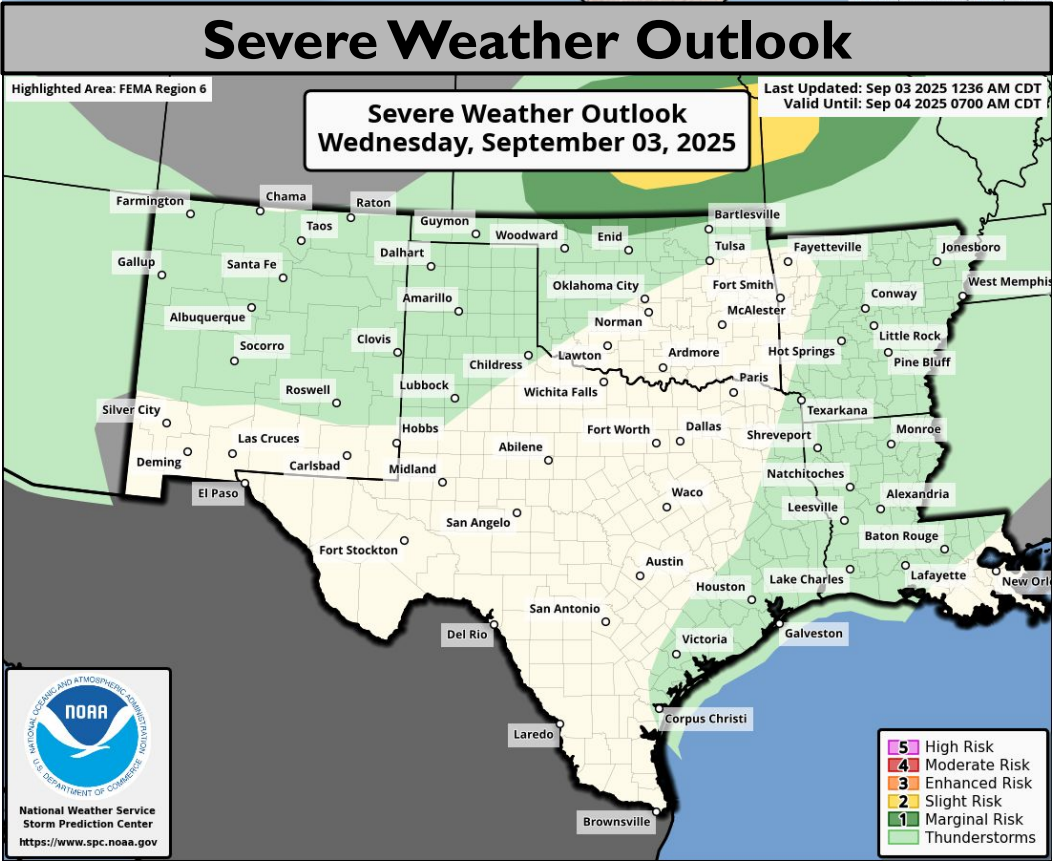




Today's Weather



No significant weather expected.

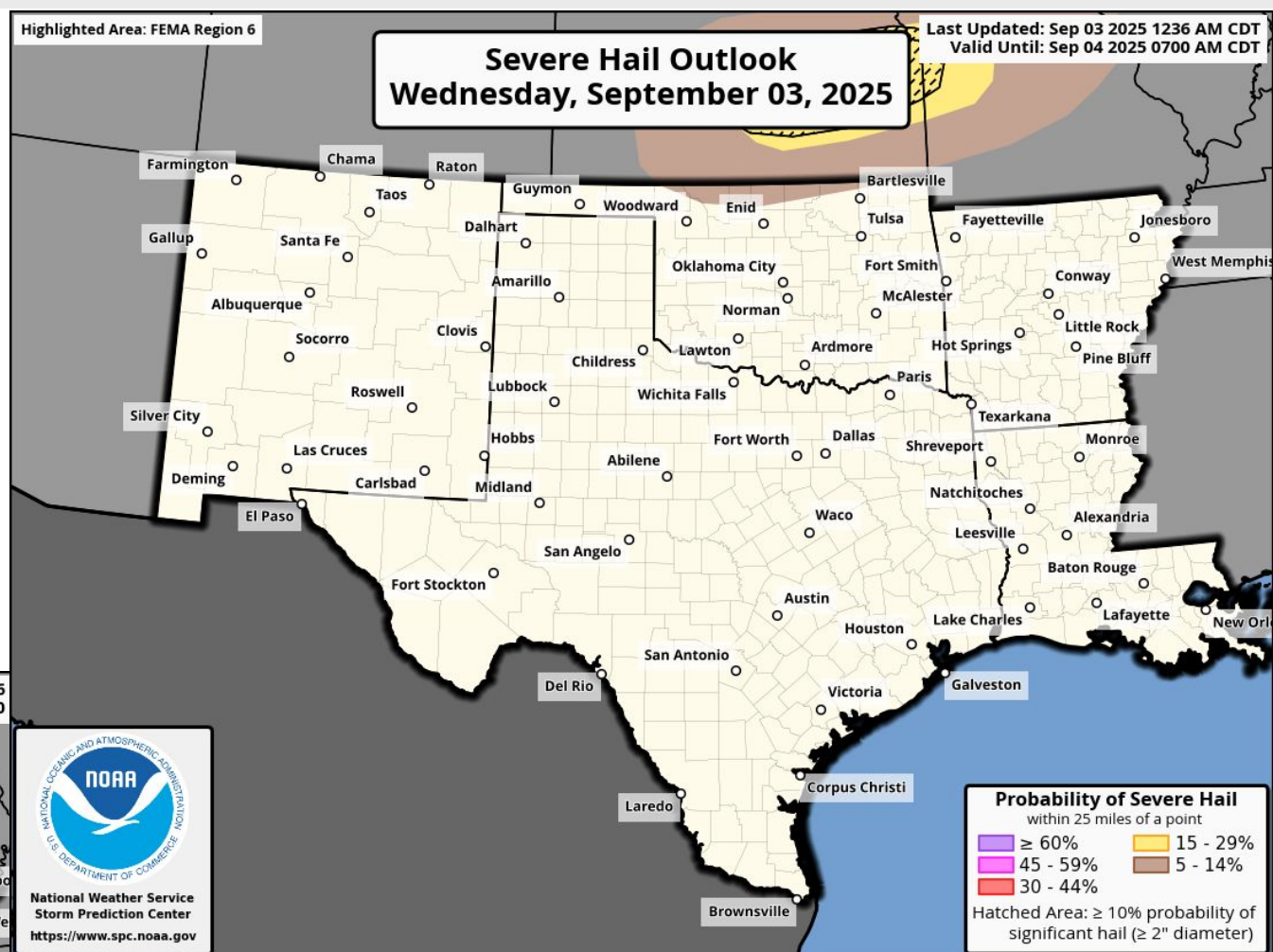
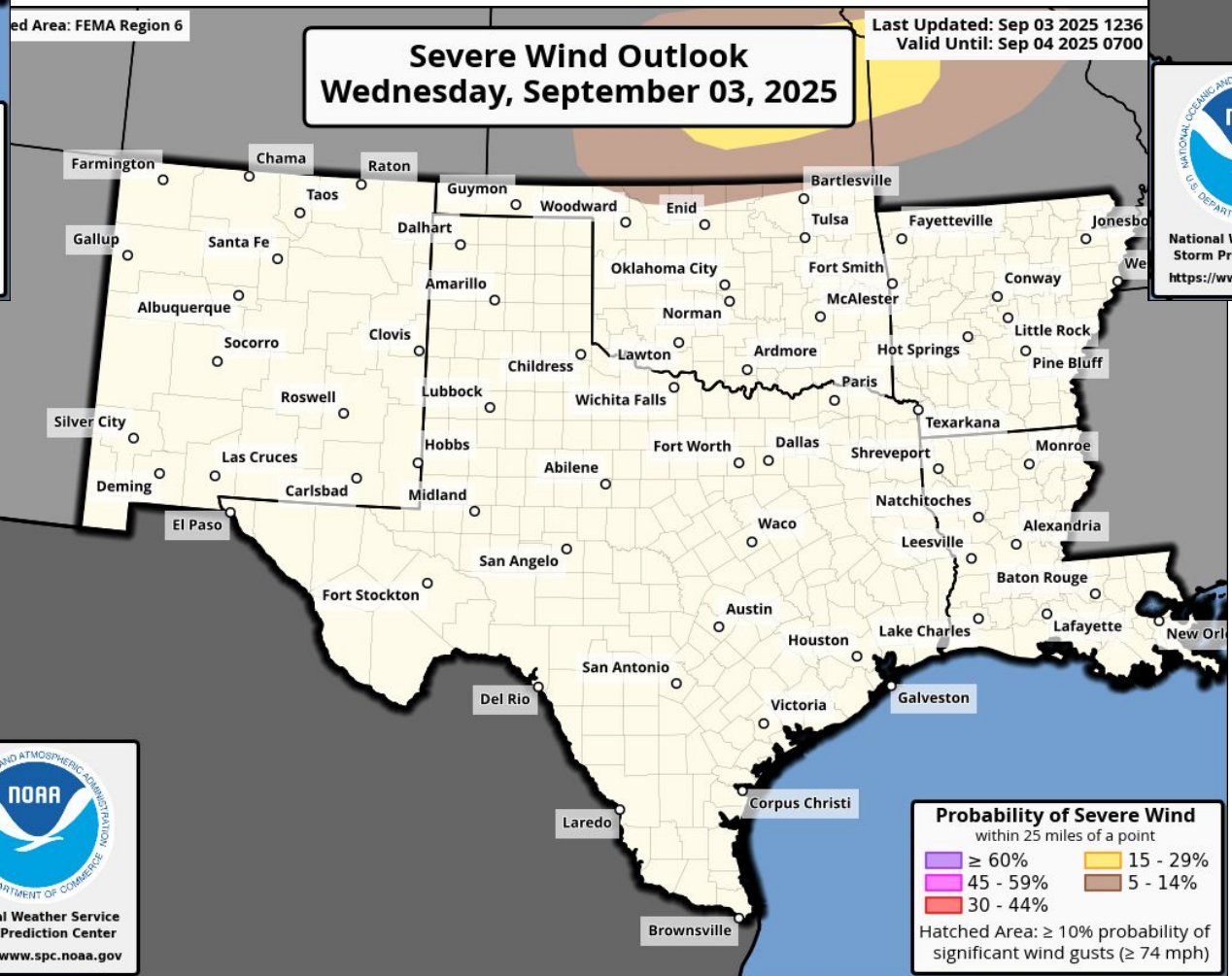
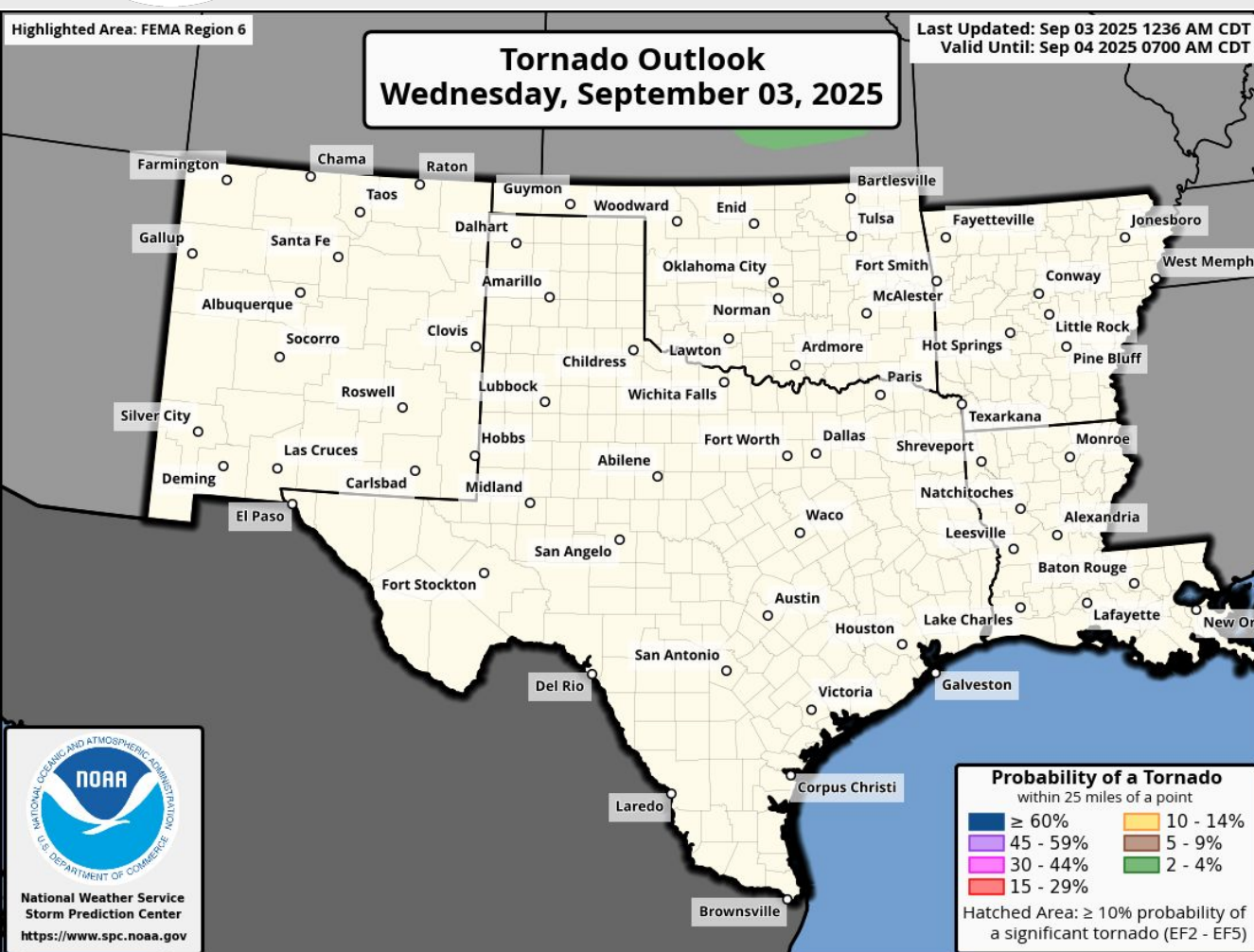


Burn Scar Flash Flooding information on Burn Scar Matrix slides





Today's Tornado & Severe Wind / Hail Probabilities

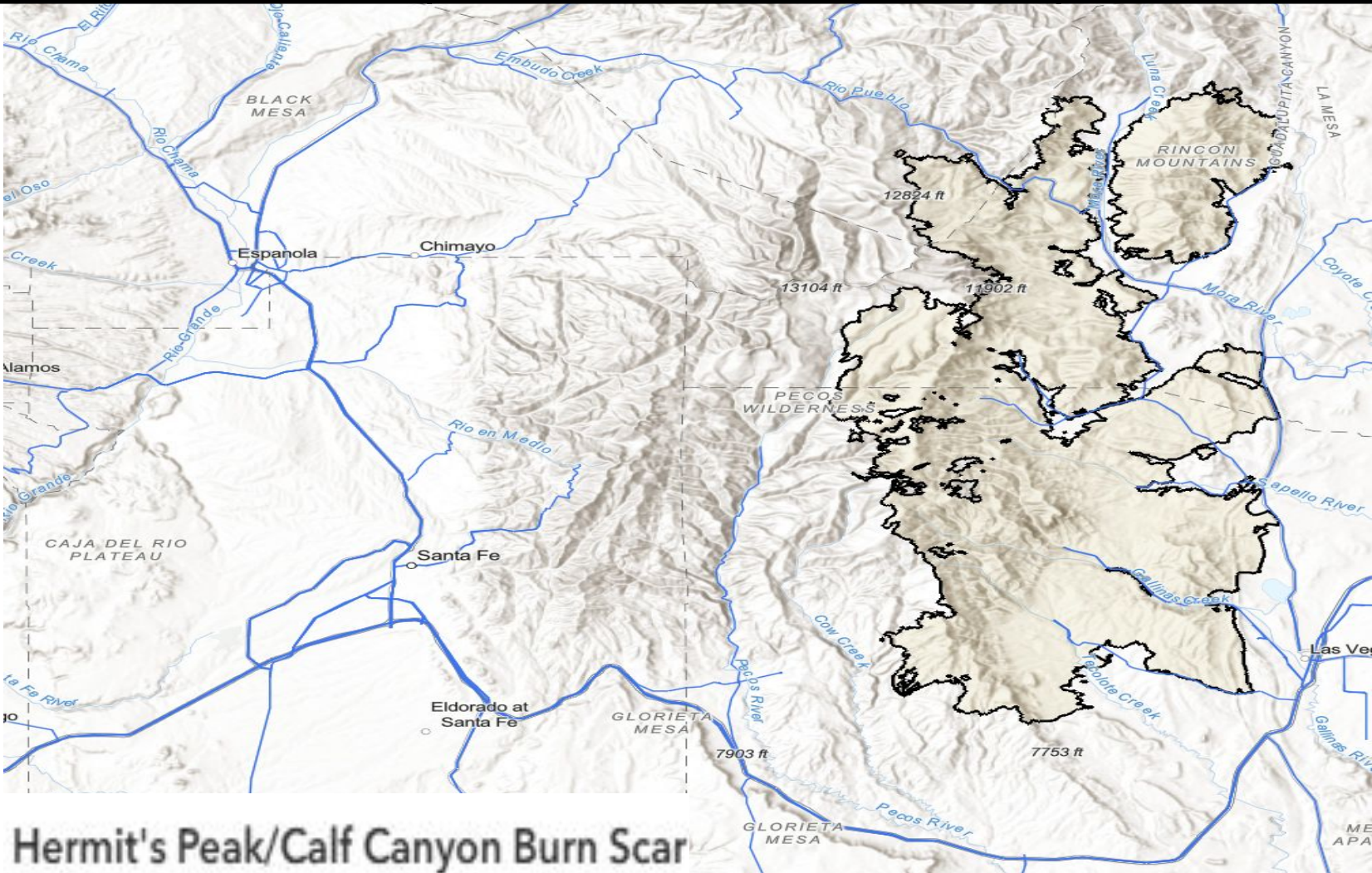




Burn Scar Debris Flow Risk - HPCC Scar New Mexico

Hermit's Peak/Calf Canyon Burn Scar

	Wednesday, Sep 3	Thursday, Sep 4	Friday, Sep 5	Saturday, Sep 6
Flash Flooding	Slight	Slight	Moderate	Moderate
Timing - CDT	Afternoon/Evening	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.	

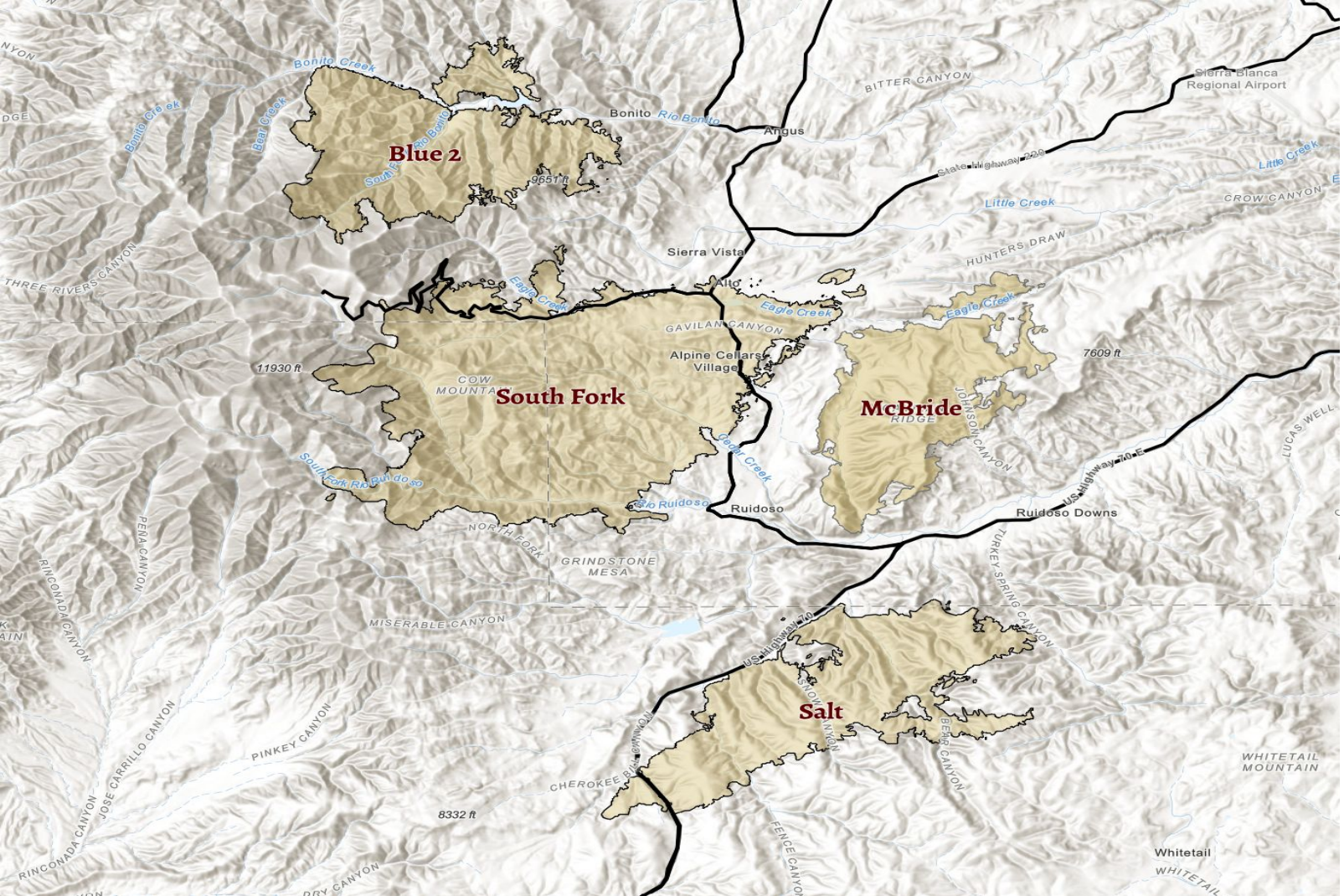




Burn Scar Debris Flow Risk - Ruidoso, New Mexico

Sacramento Complex

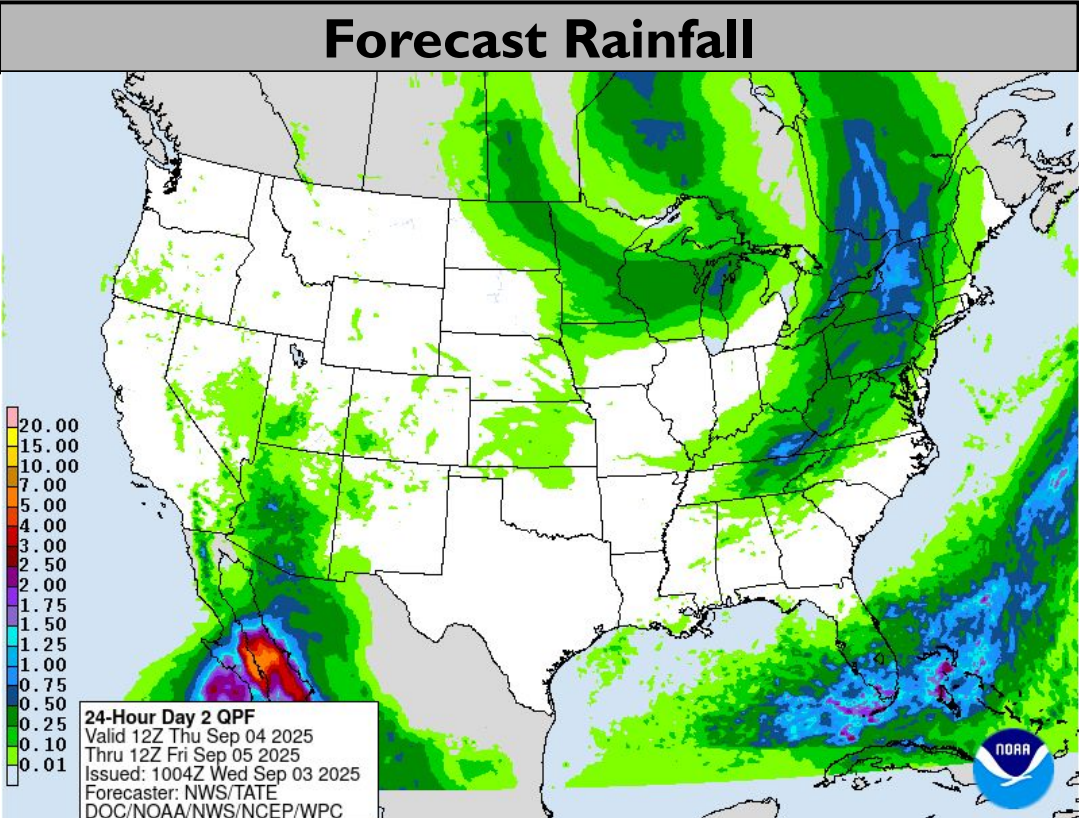
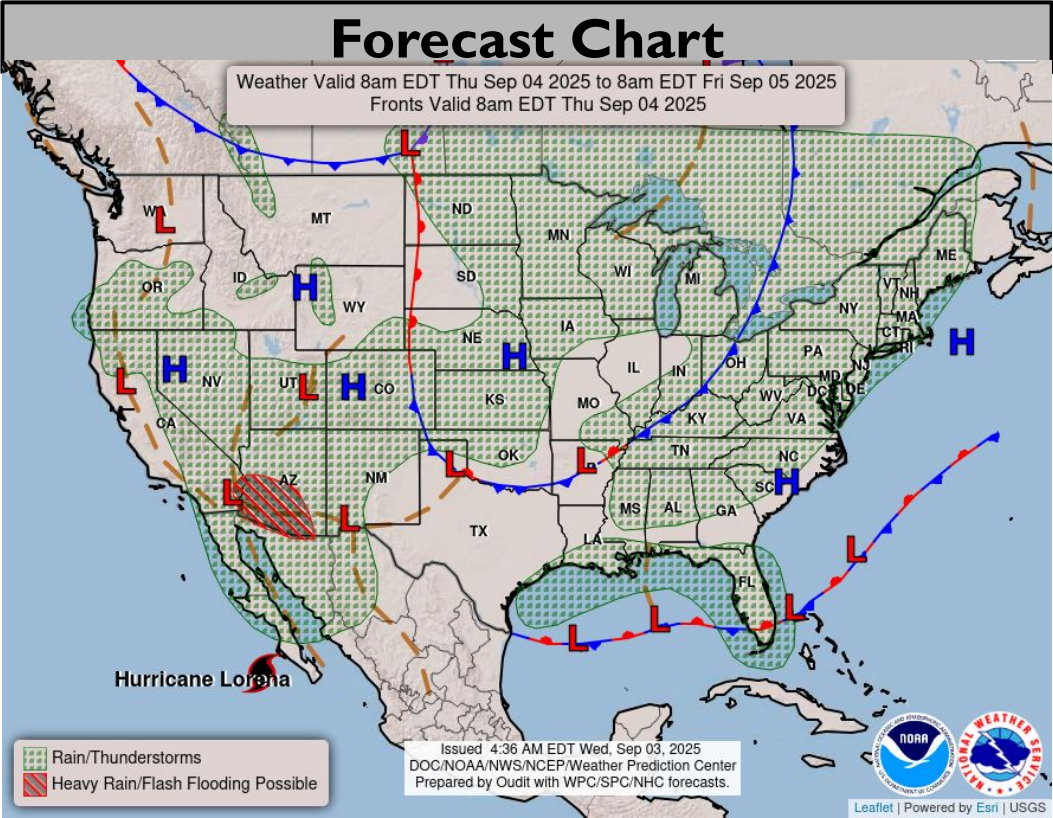
	Wednesday, Sep 3	Thursday, Sep 4	Friday, Sep 5	Saturday, Sep 6
Flash Flooding	Little to None	Slight	Moderate	Moderate
Timing - CDT	-	Afternoon/Evening	Afternoon/Evening	Afternoon/Evening



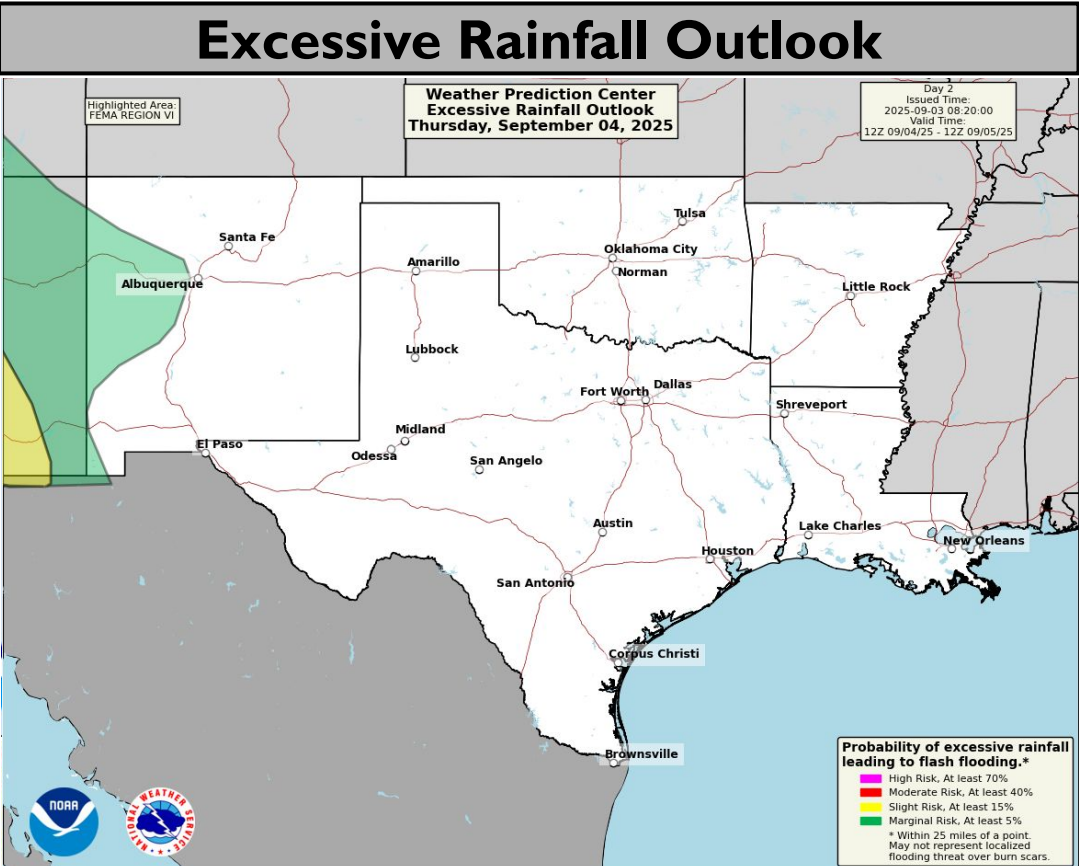
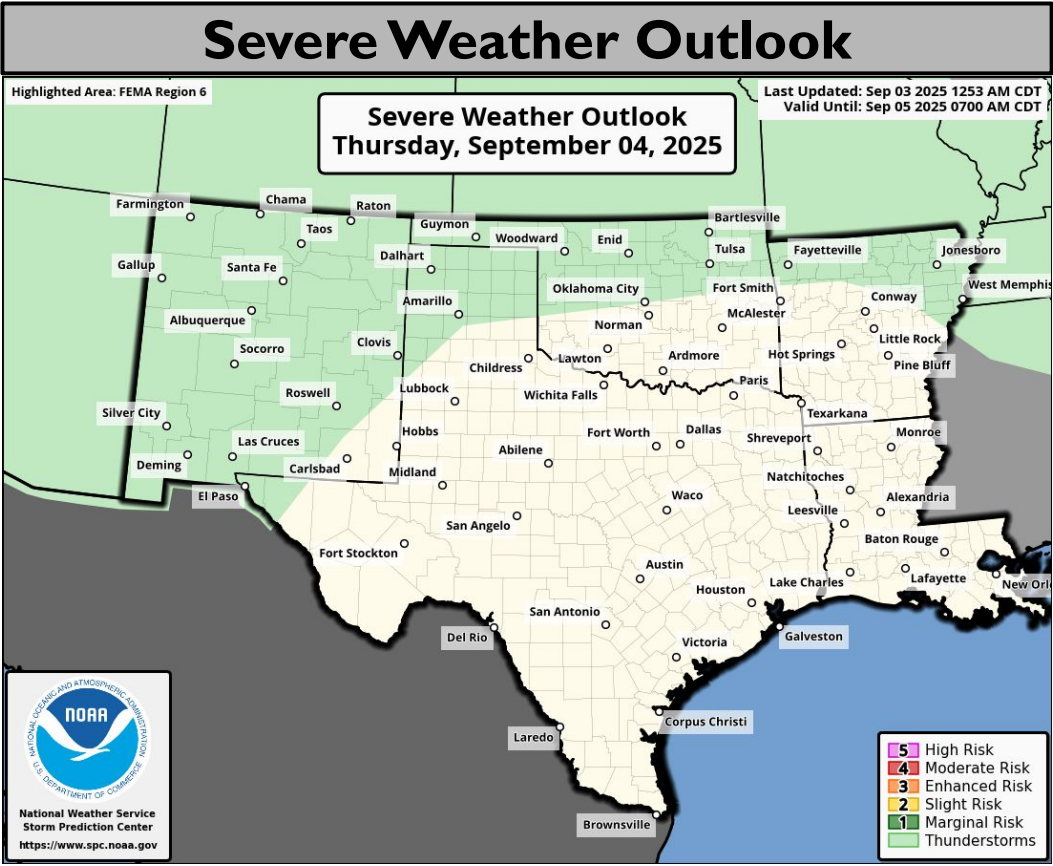
Little to None	No Flash Flood Threat
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Extreme (level 4 of 4)	Life Threatening Flash Flooding Likely - Historic Type Day
<ul style="list-style-type: none">WPC's Excessive Rainfall Outlook is <i>Not Applicable</i> to burn scars.*Note* 2nd year burn scars can be <u>more dangerous</u> than year 1.	



Tomorrow's Weather



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



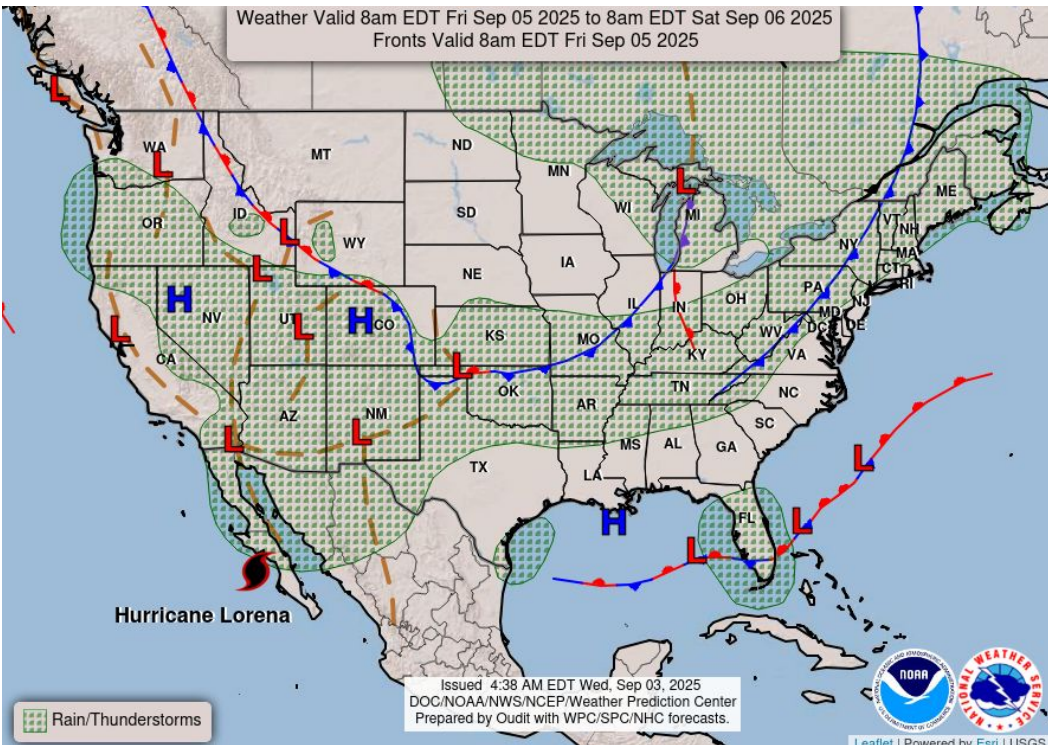
****Burn Scar Flash Flooding information on Burn Scar Matrix slides****



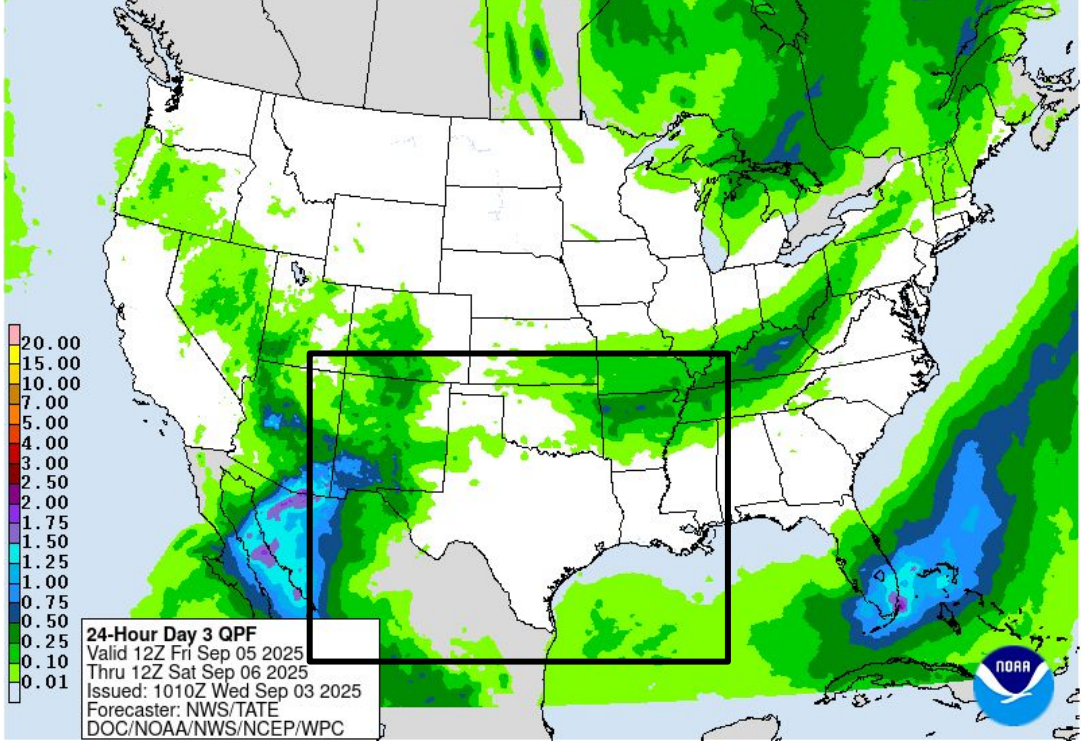


Friday's Weather

Forecast Chart

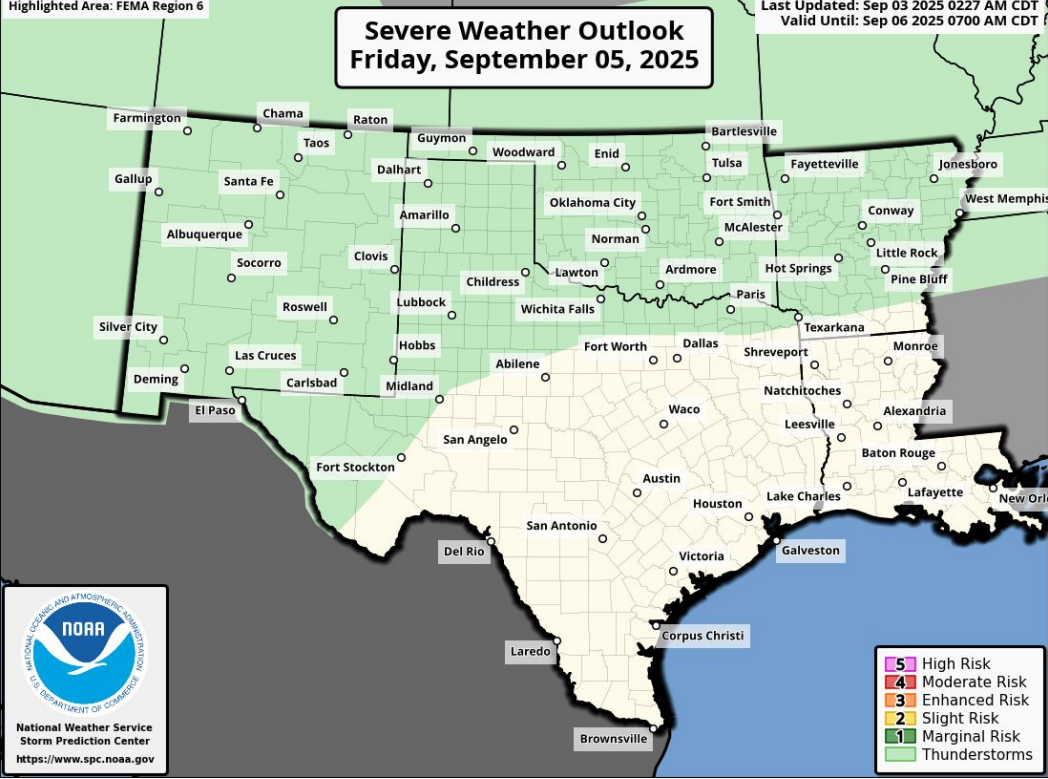


Forecast Rainfall

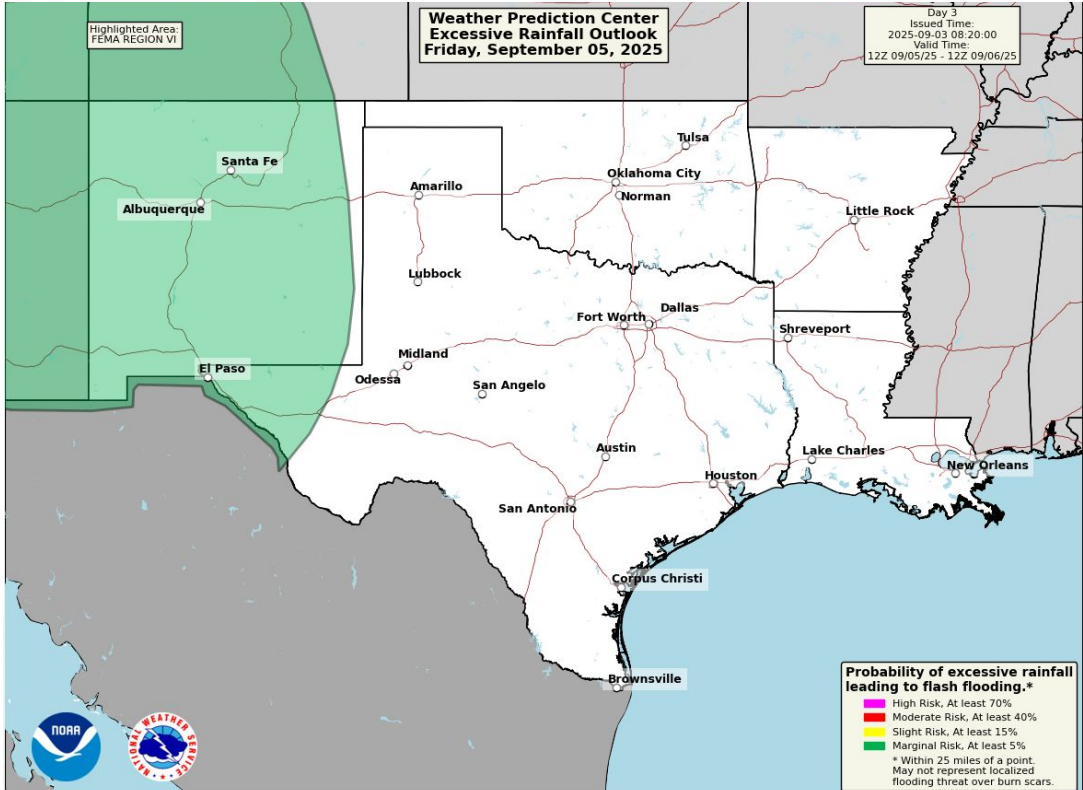


Marginal risk (level 1 of 4) for flash flooding for NM into Far W TX.

Severe Weather Outlook



Excessive Rainfall Outlook



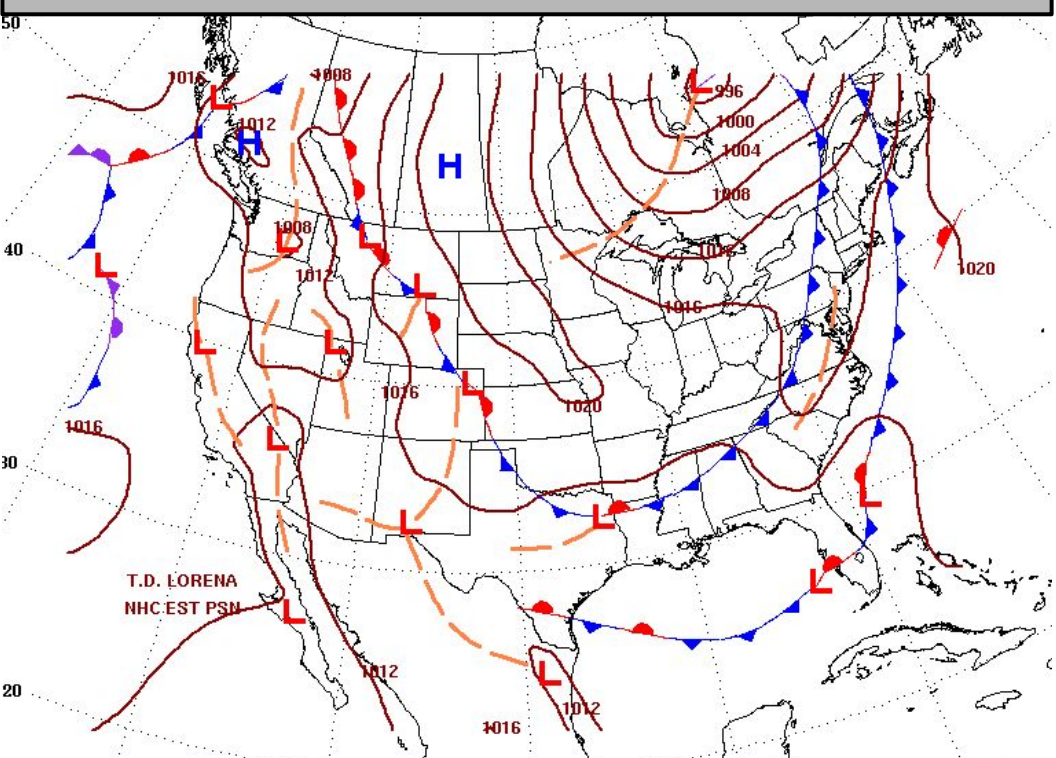
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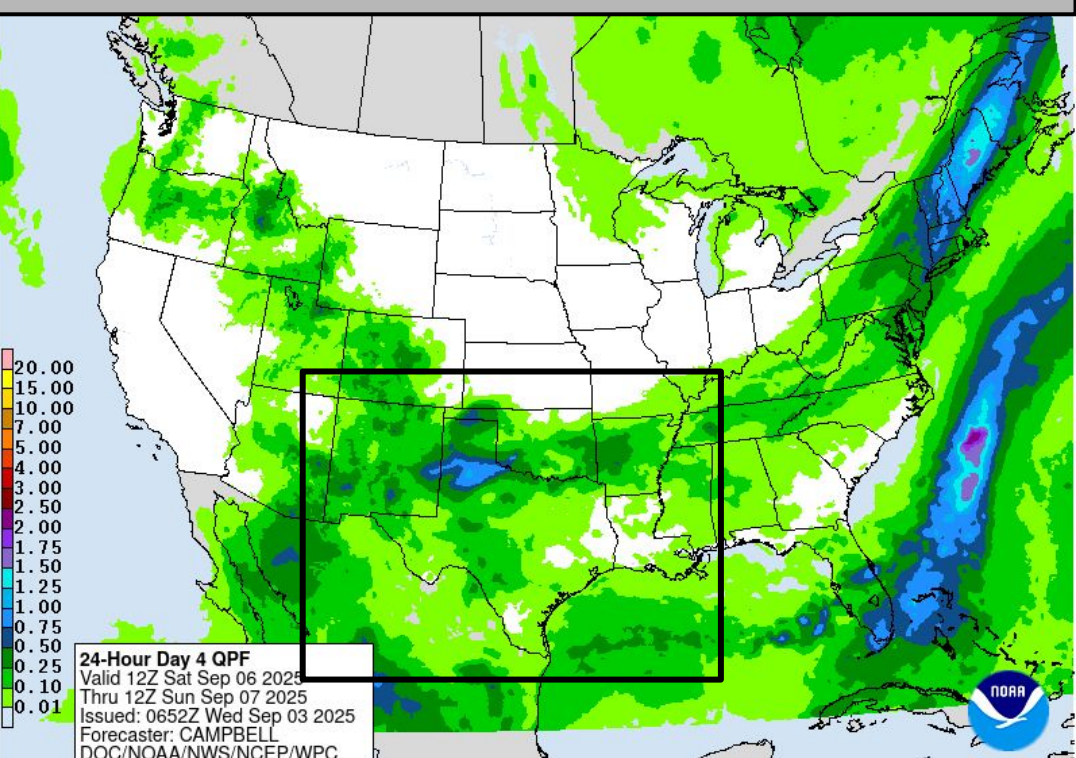


Saturday's Weather

Forecast Chart

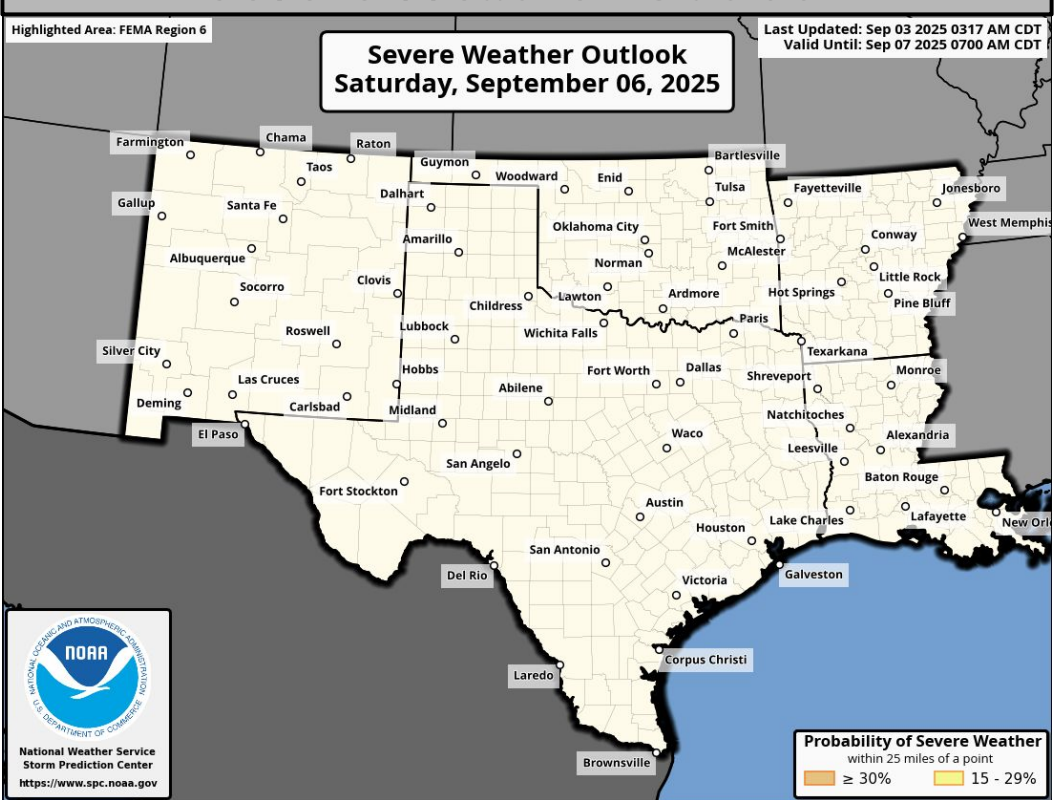


Forecast Rainfall

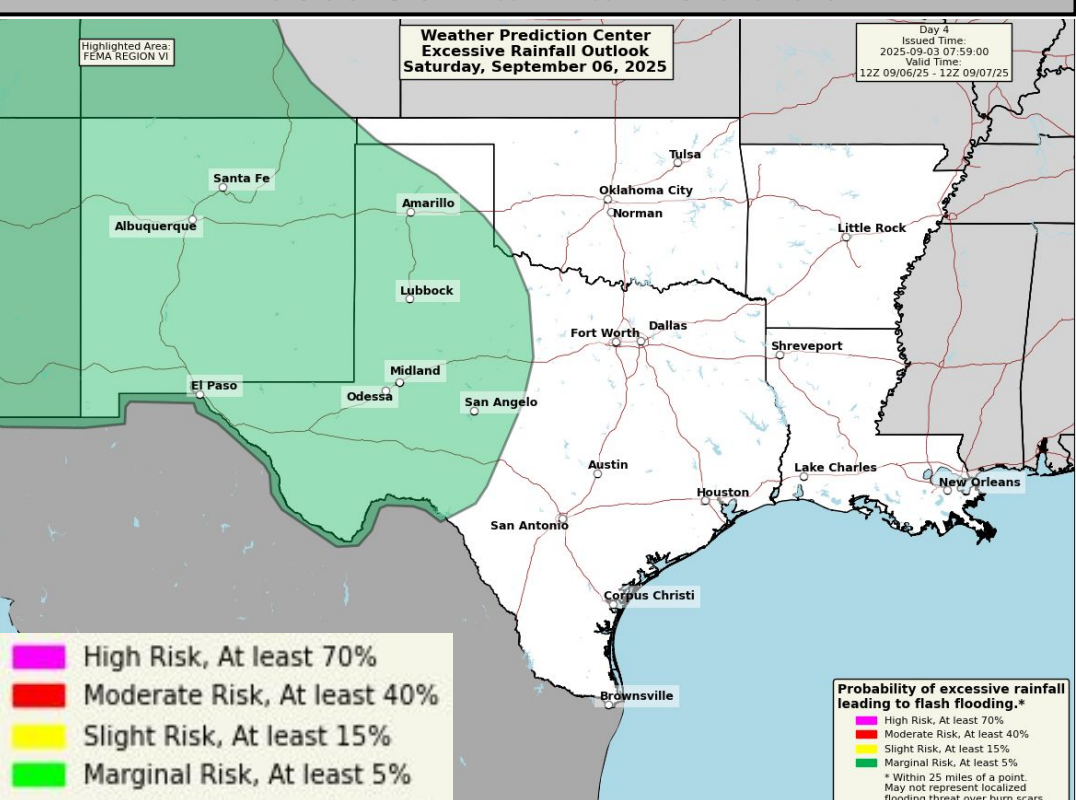


Marginal risk (level I of 4) for flash flooding for NM, W/W-Ctrl TX, and the TX Panhandle.

Severe Weather Outlook



Excessive Rainfall Outlook

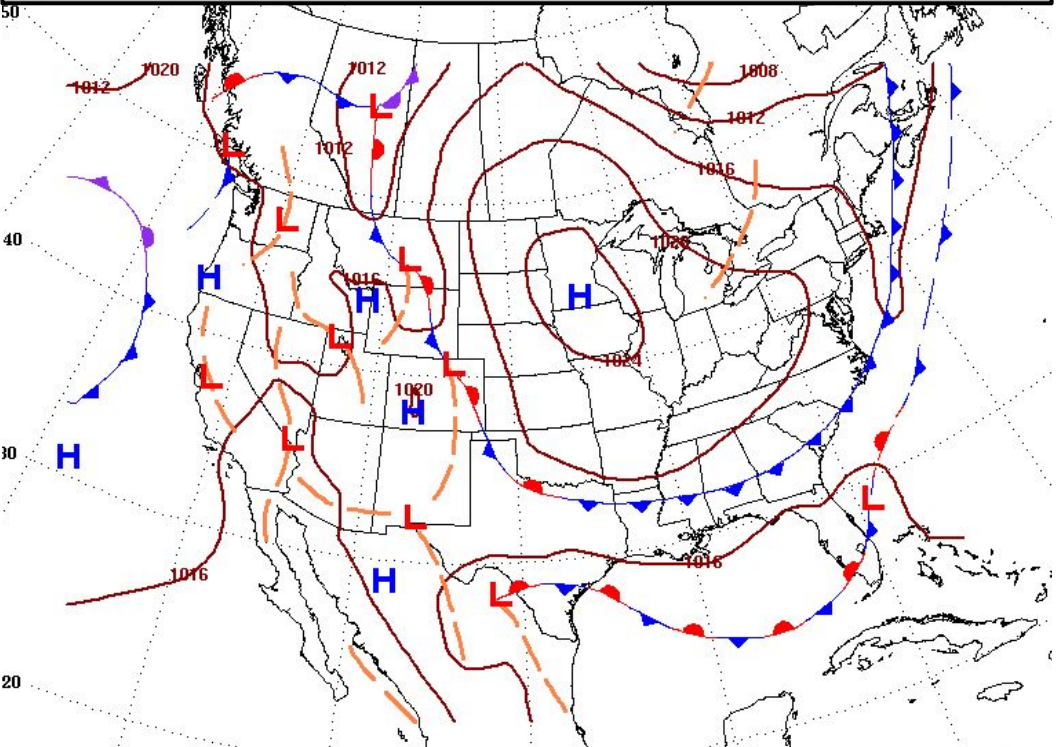


Burn Scar Flash Flooding information on Burn Scar Matrix slides

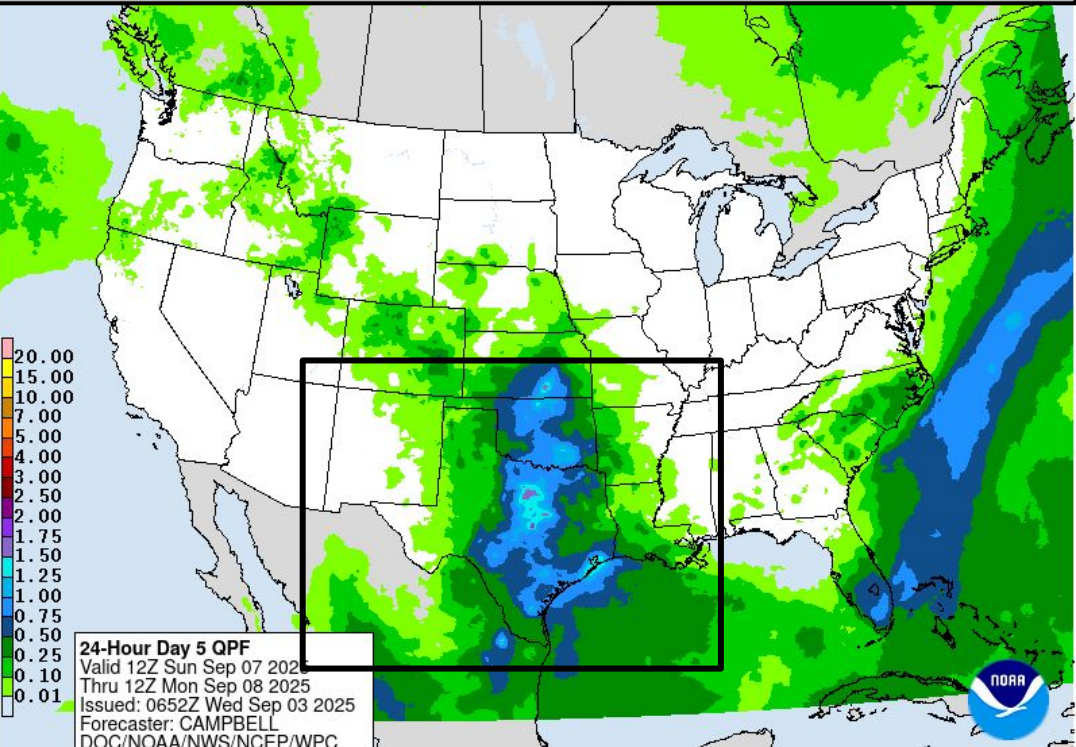


Sunday's Weather

Forecast Chart

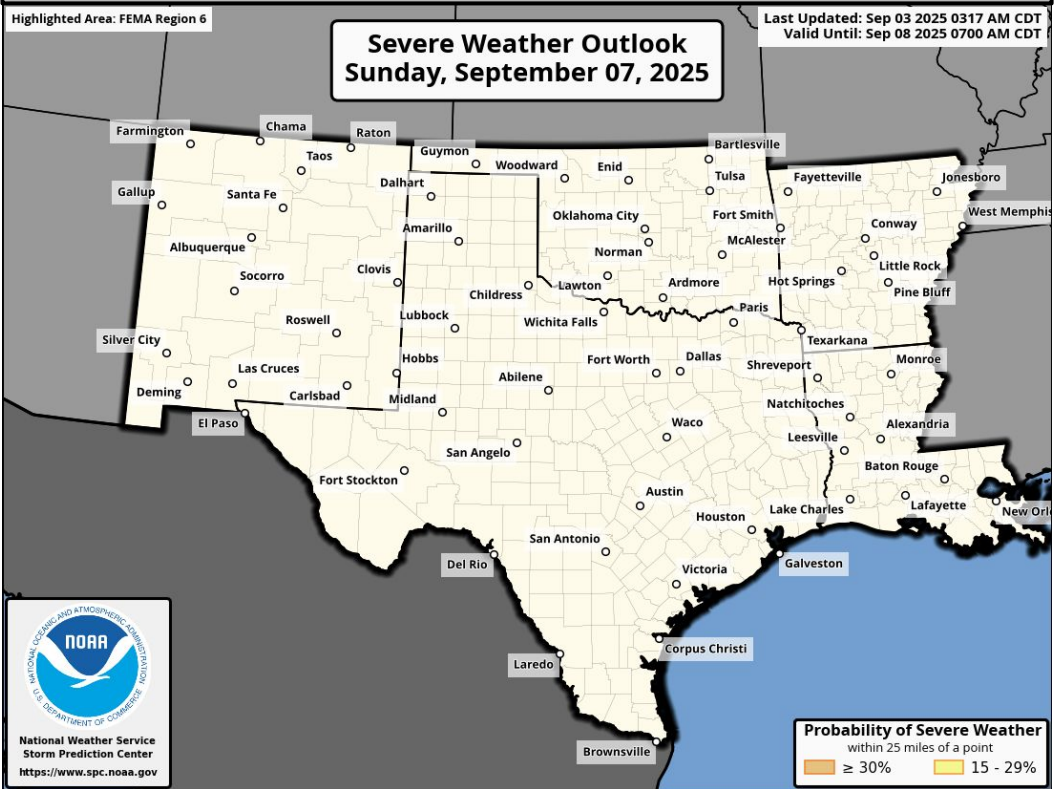


Forecast Rainfall

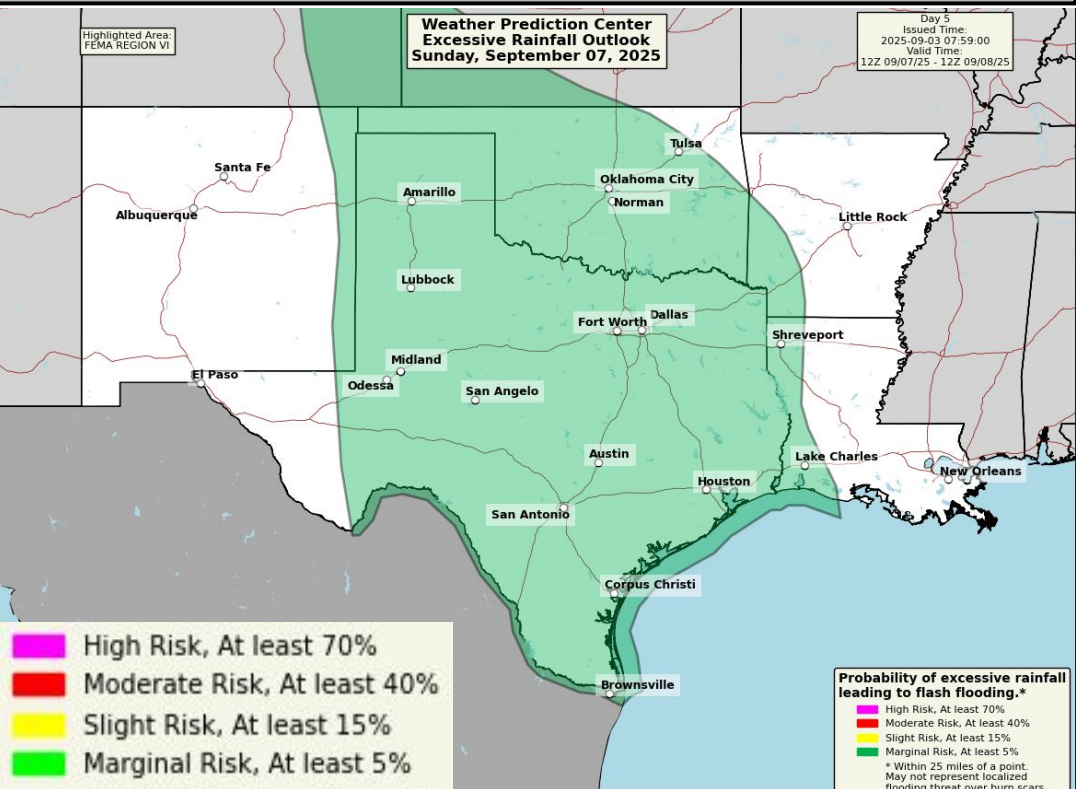


Marginal risk (level I of 4) for flash flooding for most of TX, OK, W AR, W LA.

Severe Weather Outlook



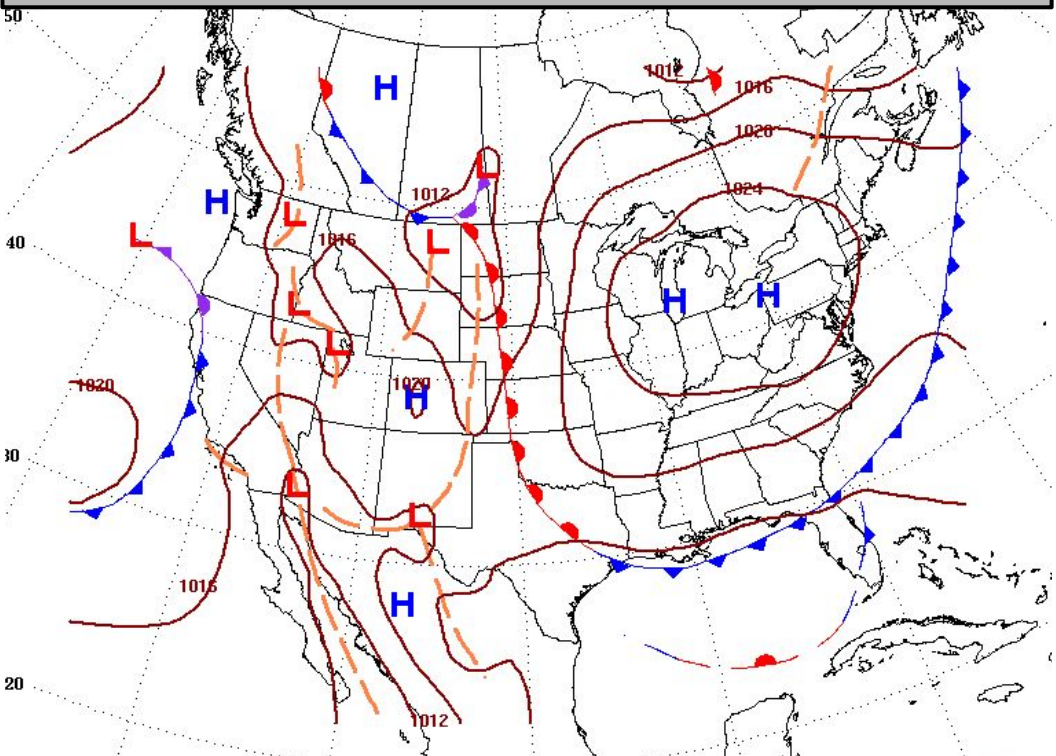
Excessive Rainfall Outlook



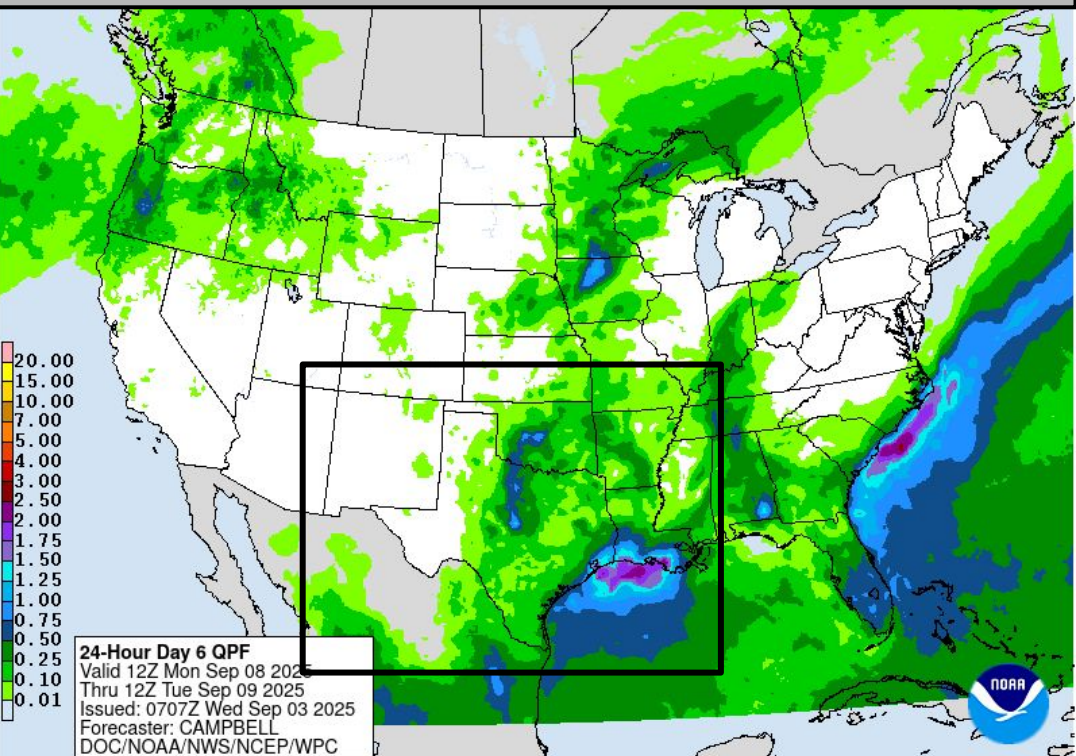


Monday's Weather

Forecast Chart

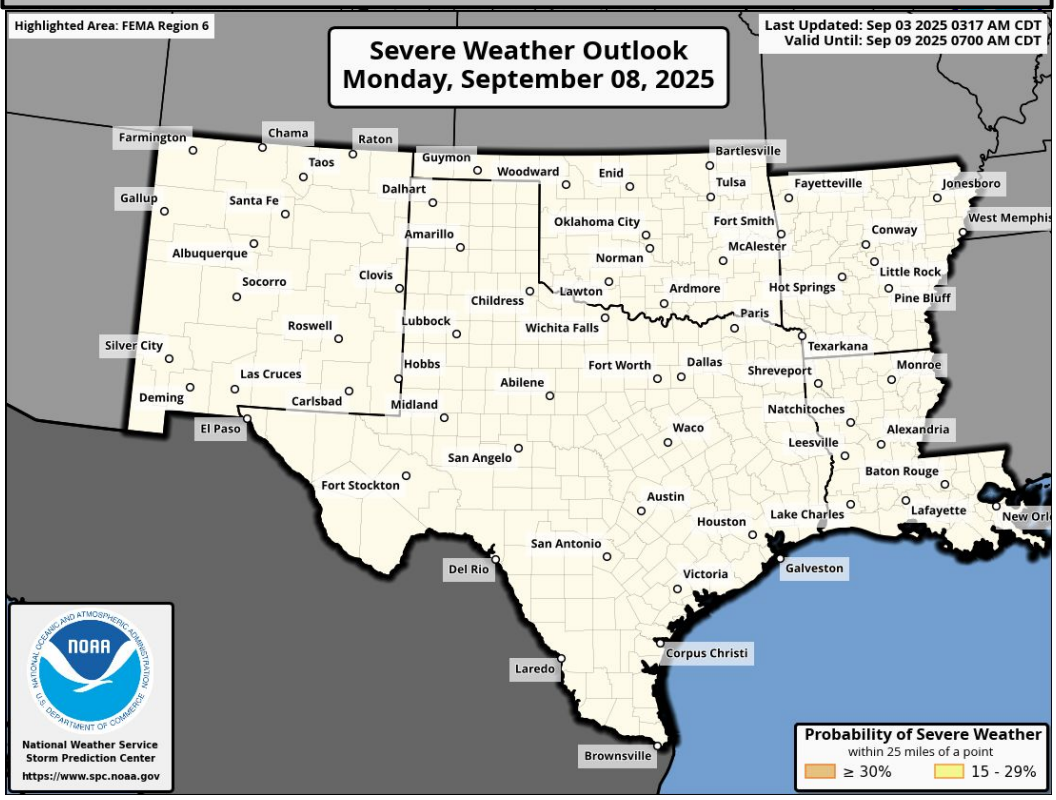


Forecast Rainfall



No significant weather expected.

Severe Weather Outlook



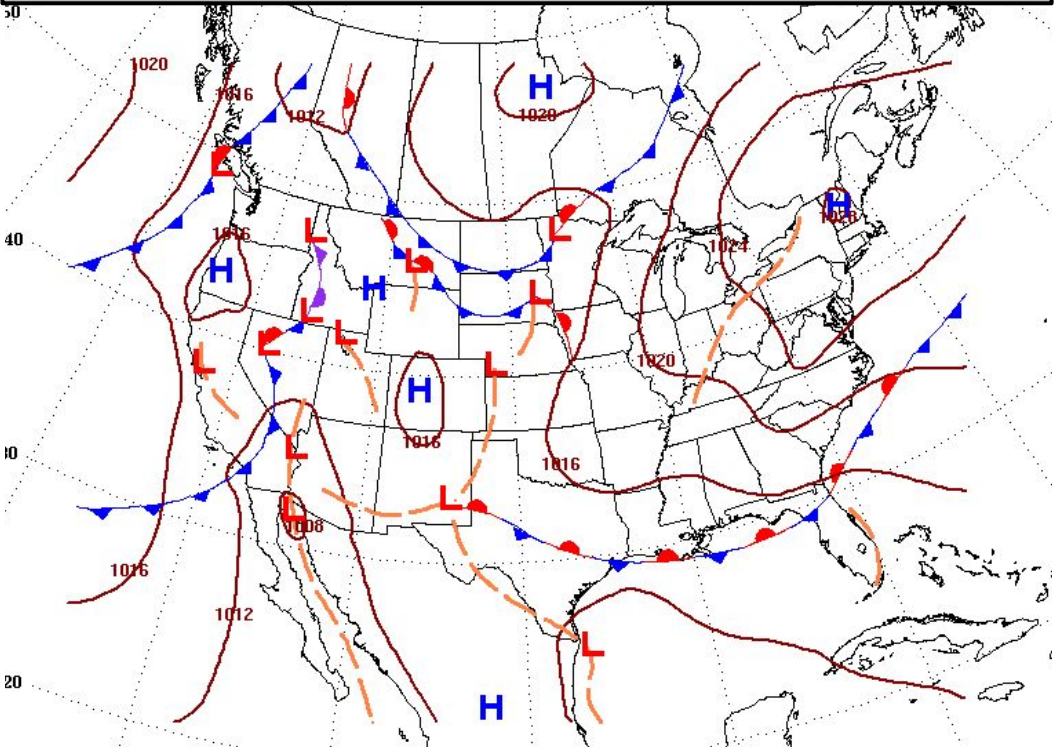
Excessive Rainfall Outlooks not available beyond Day 5



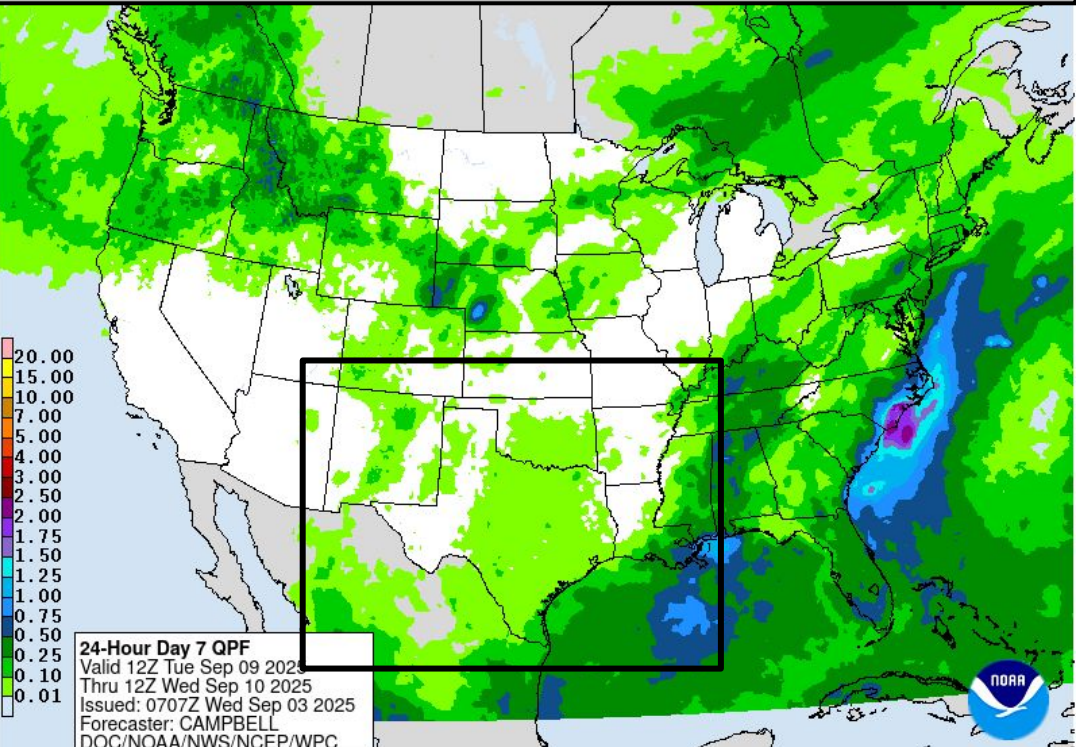


Tuesday's Weather

Forecast Chart

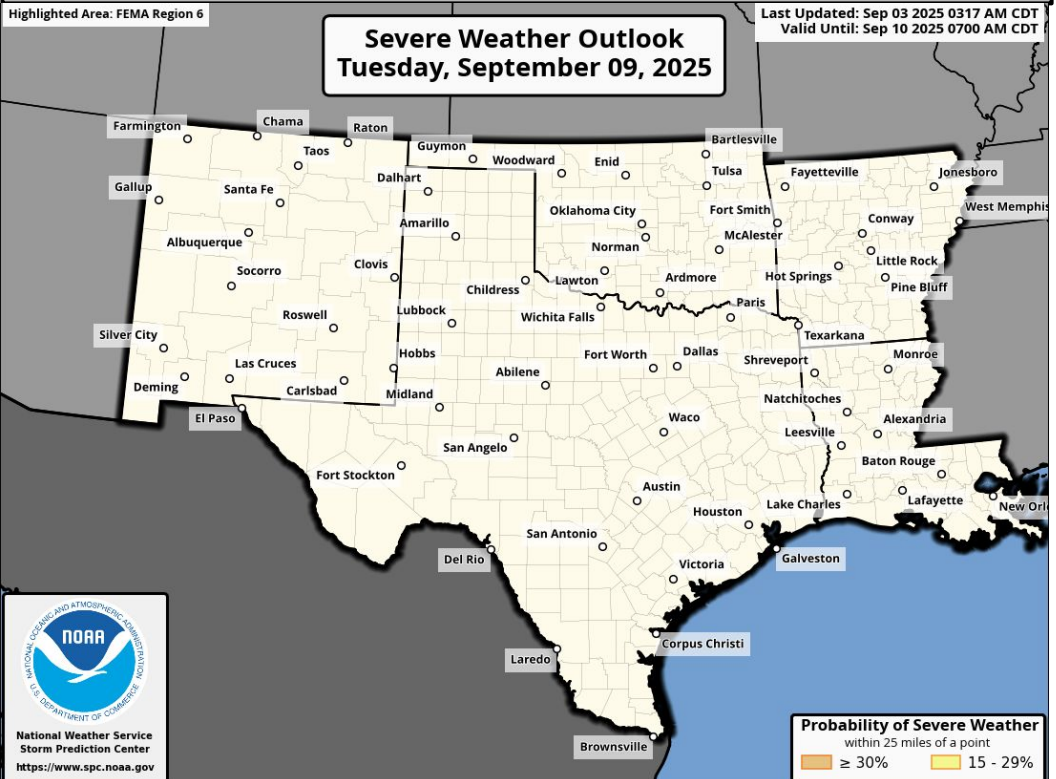


Forecast Rainfall



No significant weather expected.

Severe Weather Outlook

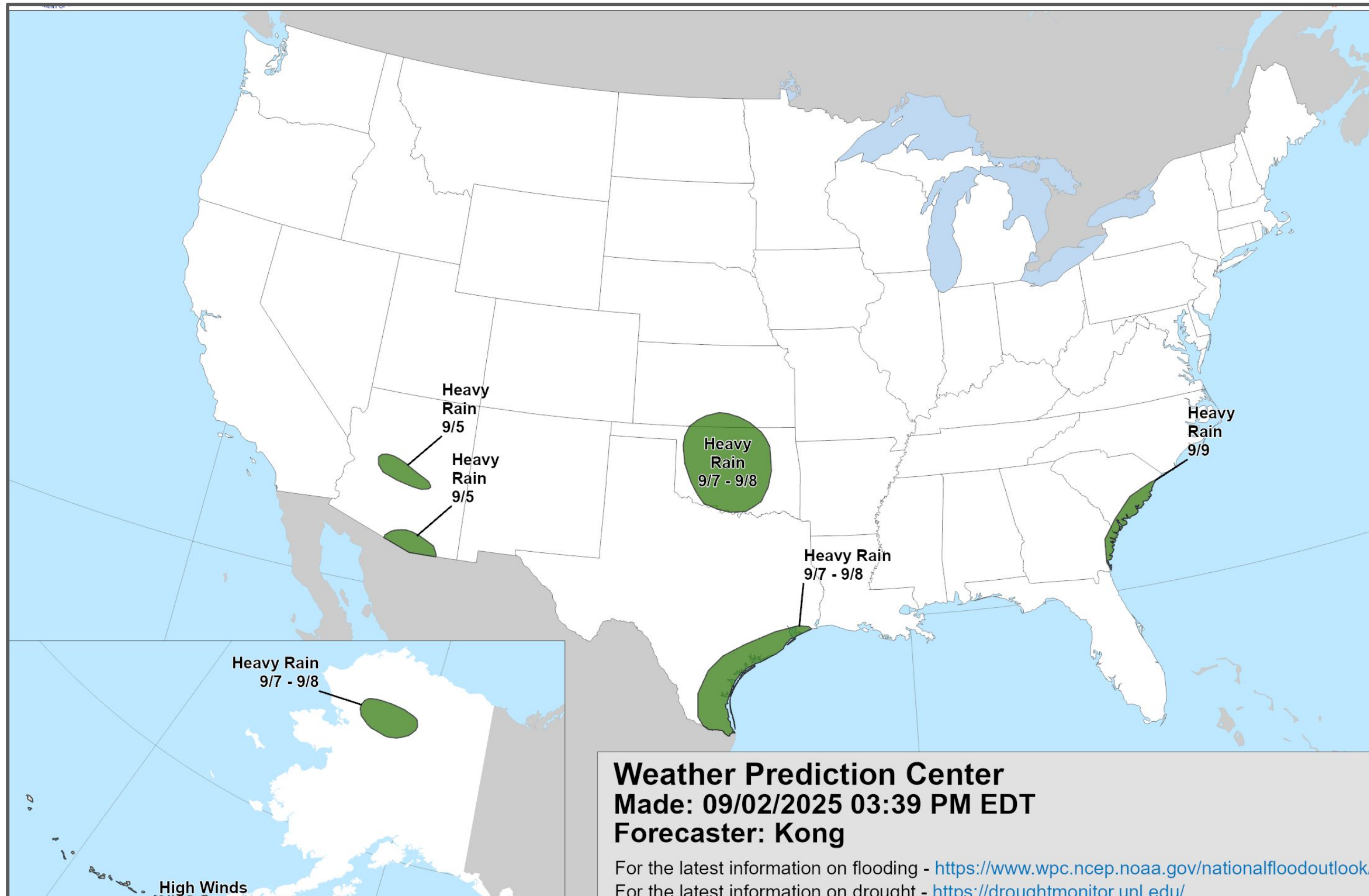


Excessive Rainfall Outlooks not available beyond Day 5



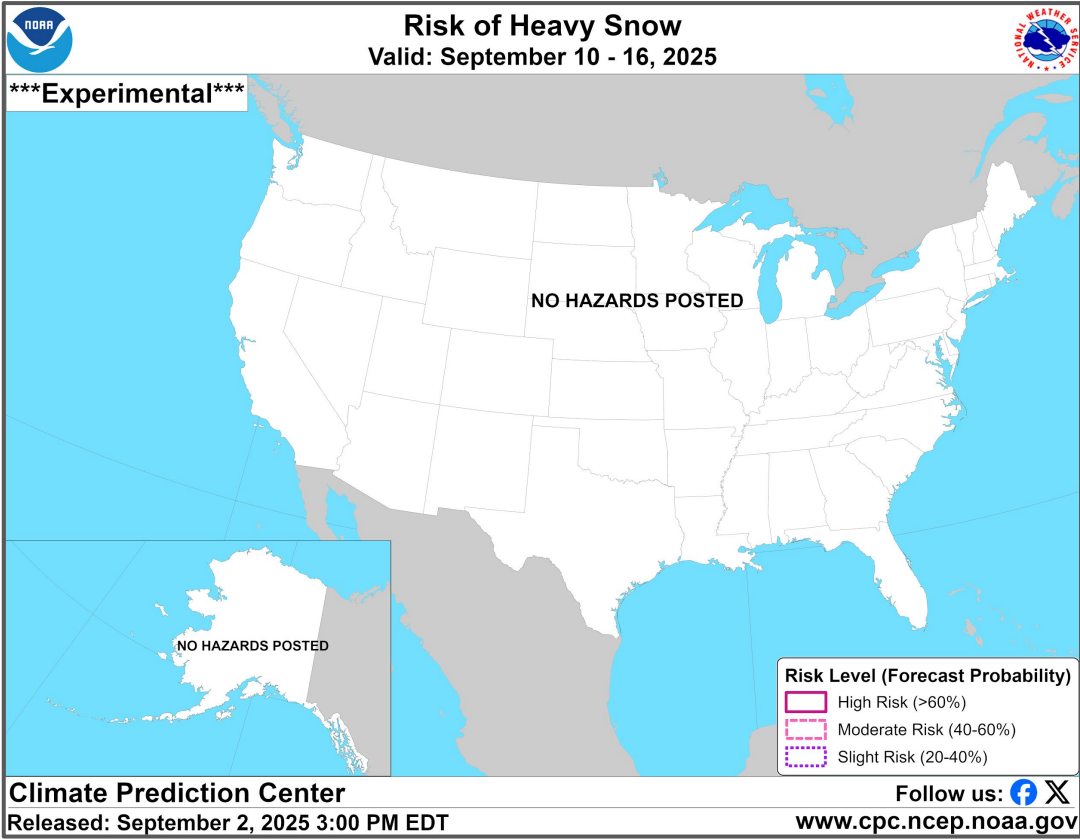
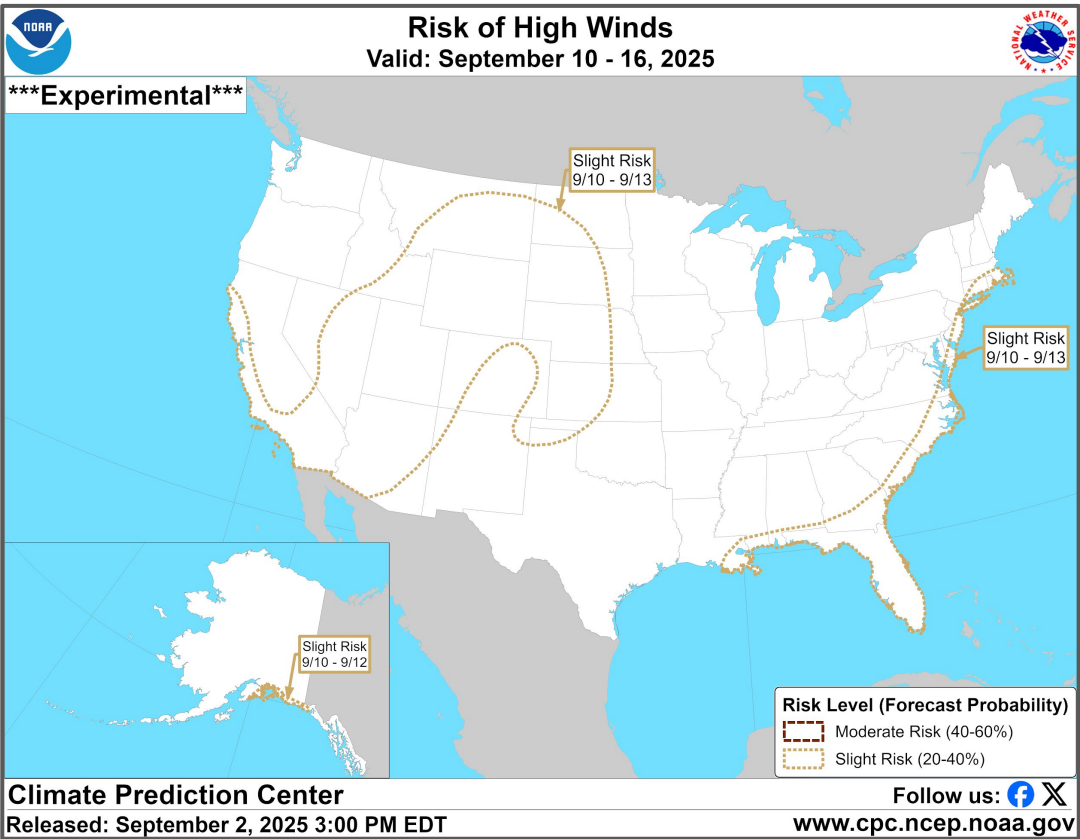
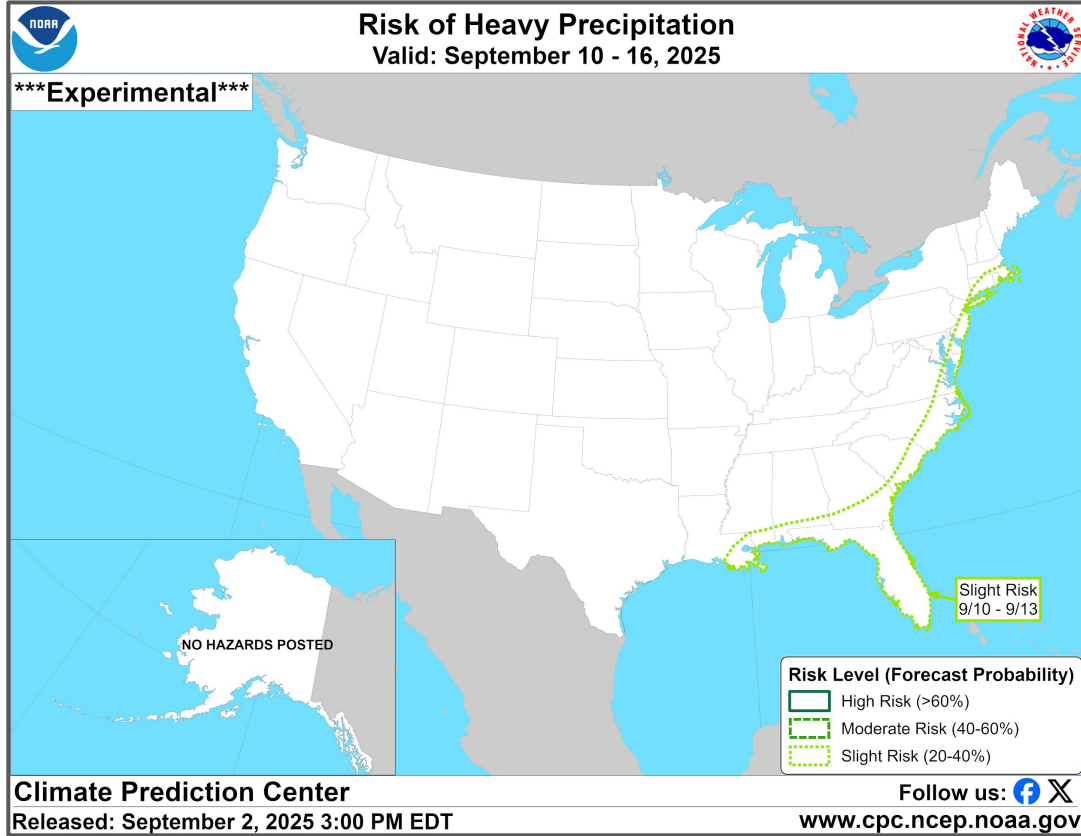
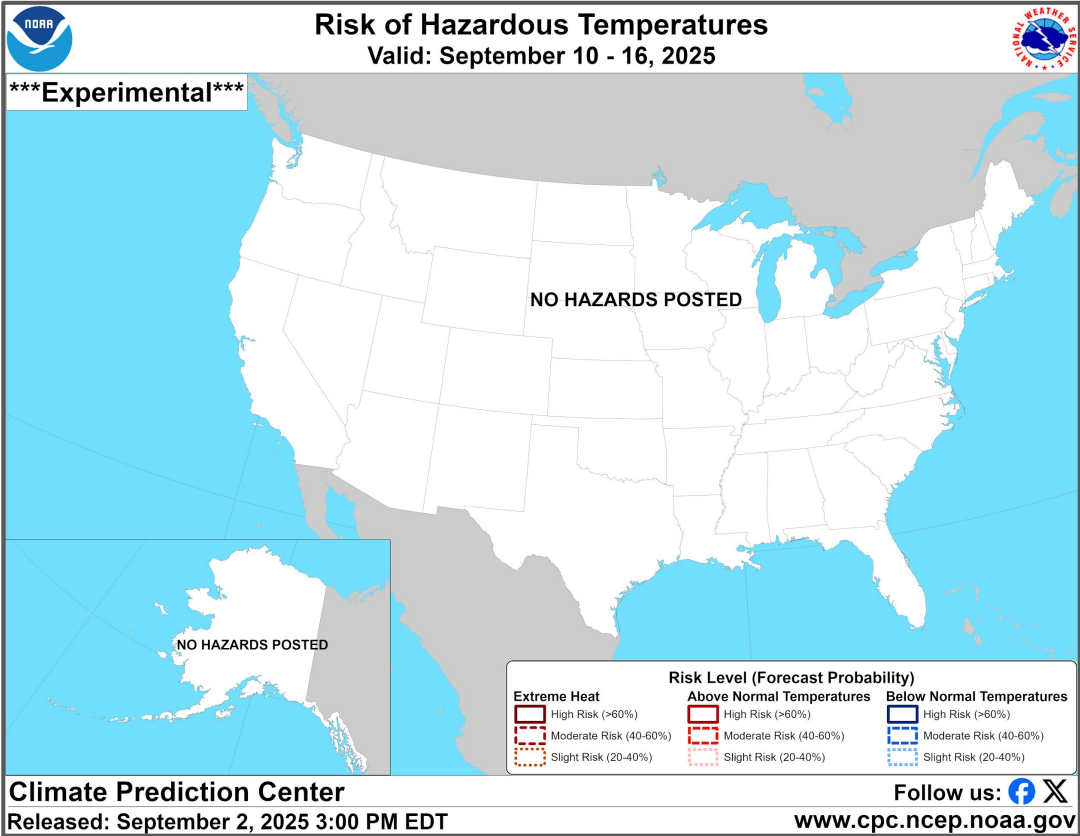
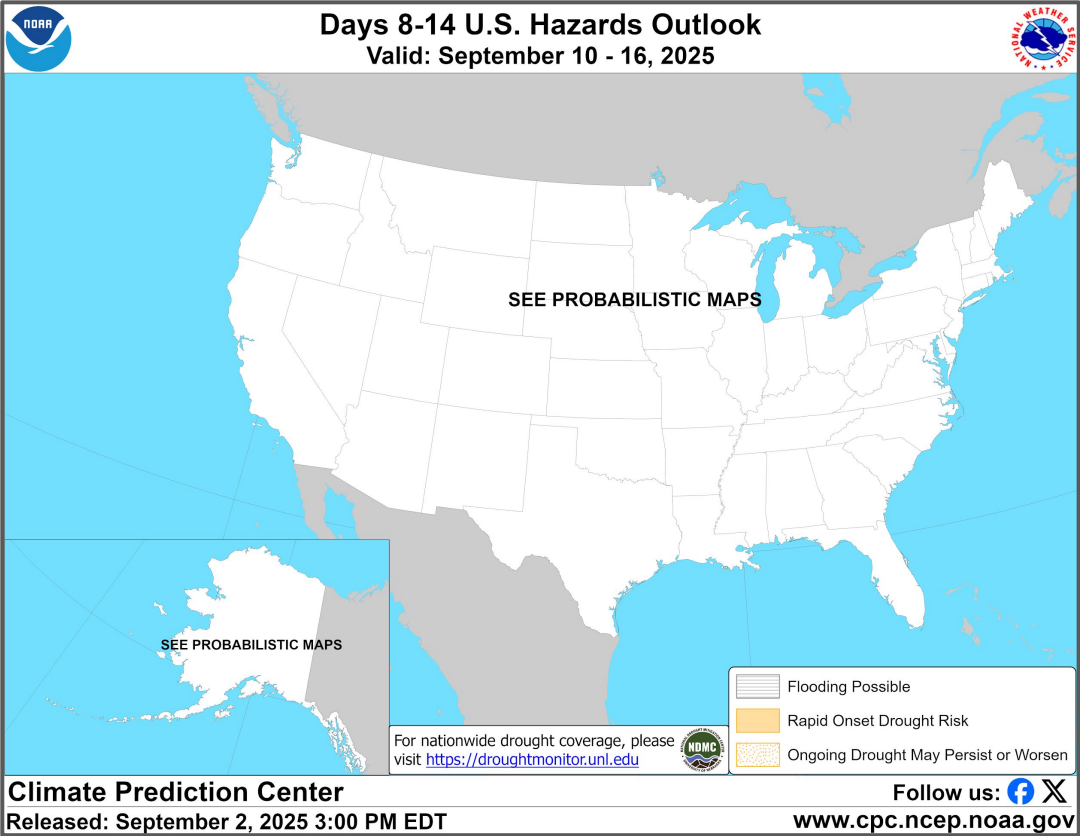


“Day 3-7” Hazards Outlook





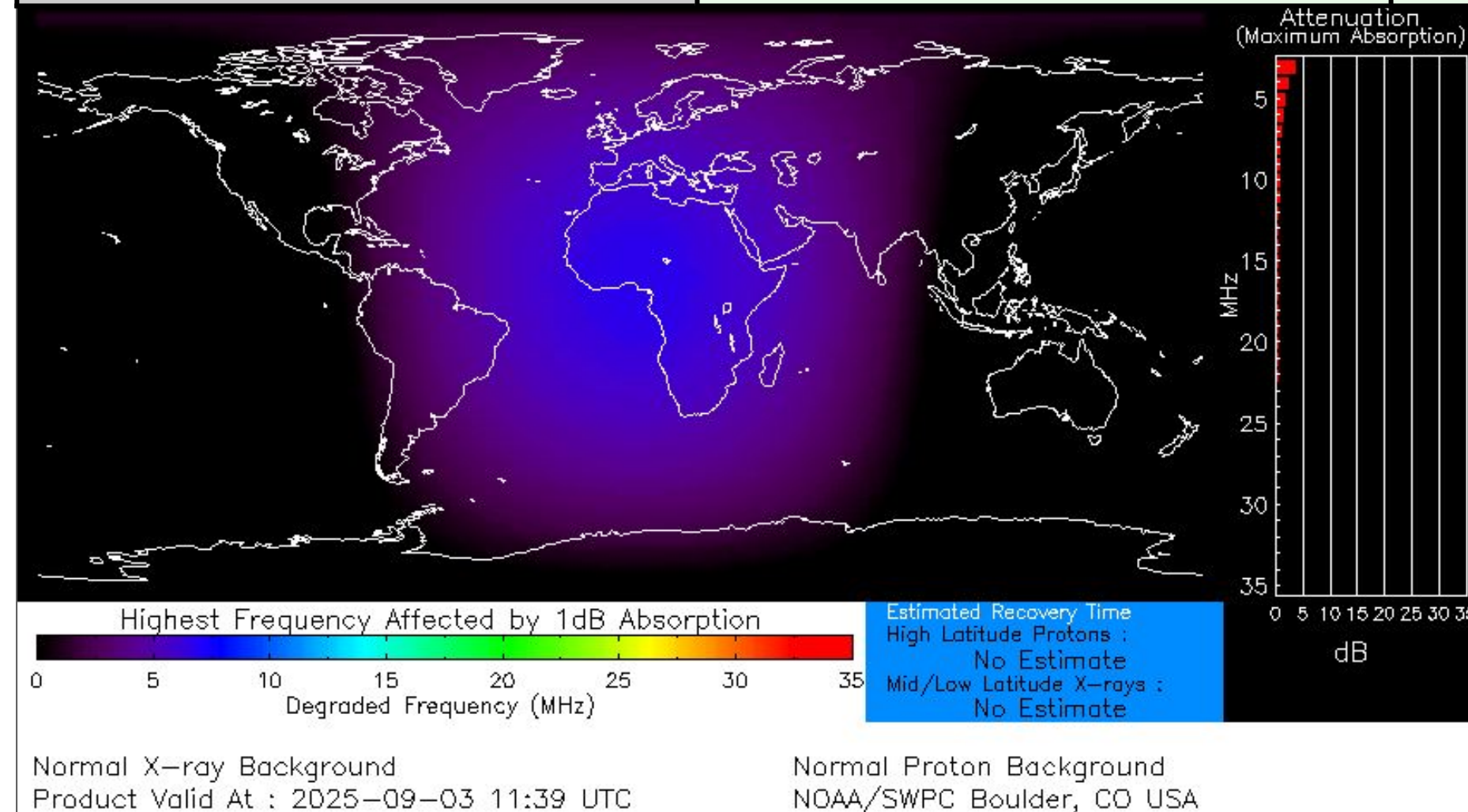
“Day 8-14” Hazards Outlook





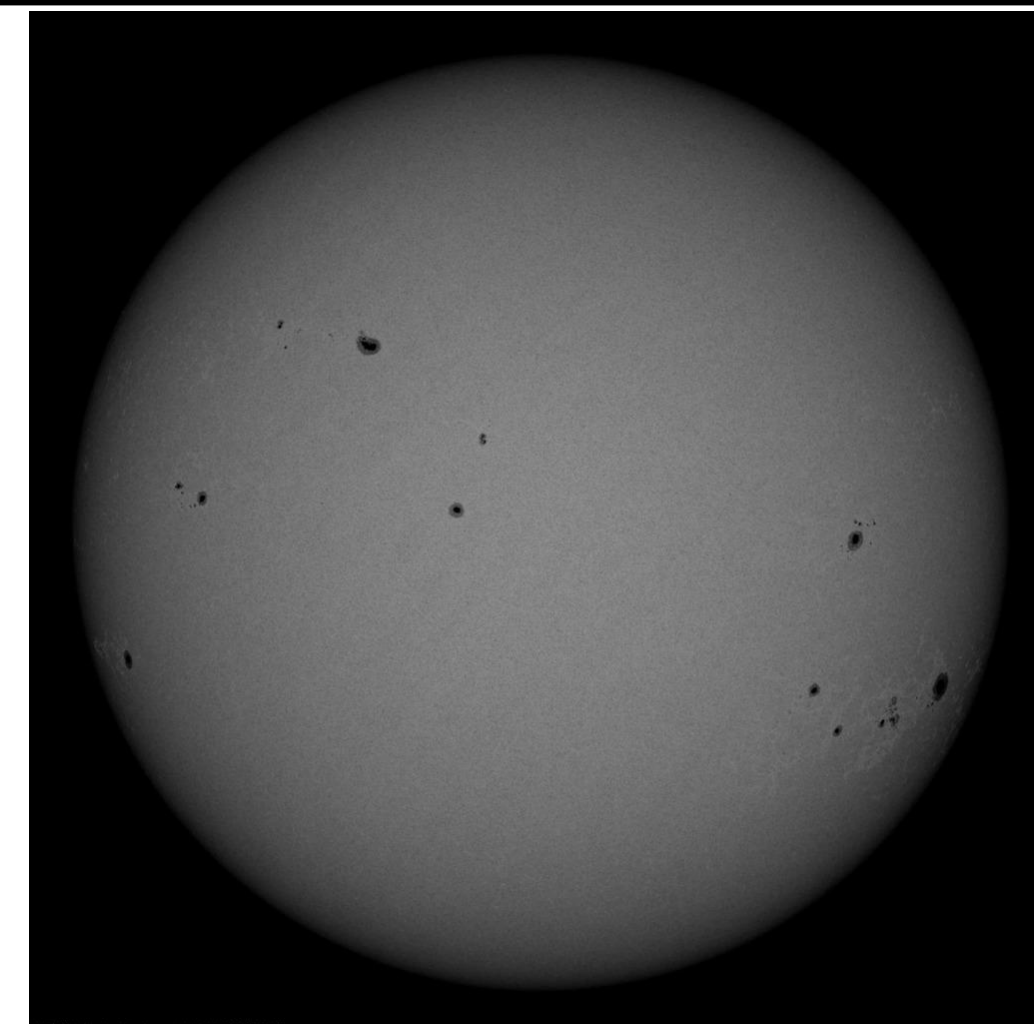
Space Weather 3-Day Forecast

	Wednesday, Sep 3	Thursday, Sep 4	Friday, Sep 5
Geomagnetic Storms	Active (Max Kp=4)	Quiet (Max Kp=2)	Unsettled (Max Kp=3)
Solar Radiation Storm (S1-S5)	10%	10%	10%
Radio Blackout (R1-R2)	60%	55%	55%
Radio Blackout (R3-R5)	20%	15%	15%



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

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





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