



# FEMA



Prepared by  
*Mark Wiley*

# FEMA Region 6 Weather Threat Briefing

## Wednesday, September 25, 2024

**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](http://www.weather.gov/srh).



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

National Weather Service  
Southern Region



# Summary of the Upcoming Week

- **Slight risk for excessive rainfall/flash flooding over N AR on Friday**
- **Isolated minor river flooding continues in NE AR this week.**
- **Tropical Weather Outlook:**
  - **Helene to make landfall in FL on Thursday**
  - **High chance (80%) for tropical development in the eastern and central Atlantic over the next 7 days. No impacts to FEMA 6.**





# FEMA Region 6 Threat Matrix

Next 5 Days

	Wednesday, Sep 25	Thursday, Sep 26	Friday, Sep 27	Saturday, Sep 28	Sunday, Sep 29
Severe Storms	STX, S LA				
Heavy Rain / Flash Flooding		NEAR	NAR	NEAR	NEAR
Fire Weather					
Heat					
Tropical					
River Flooding	NEAR	NEAR	NEAR	NEAR	NEAR

***\*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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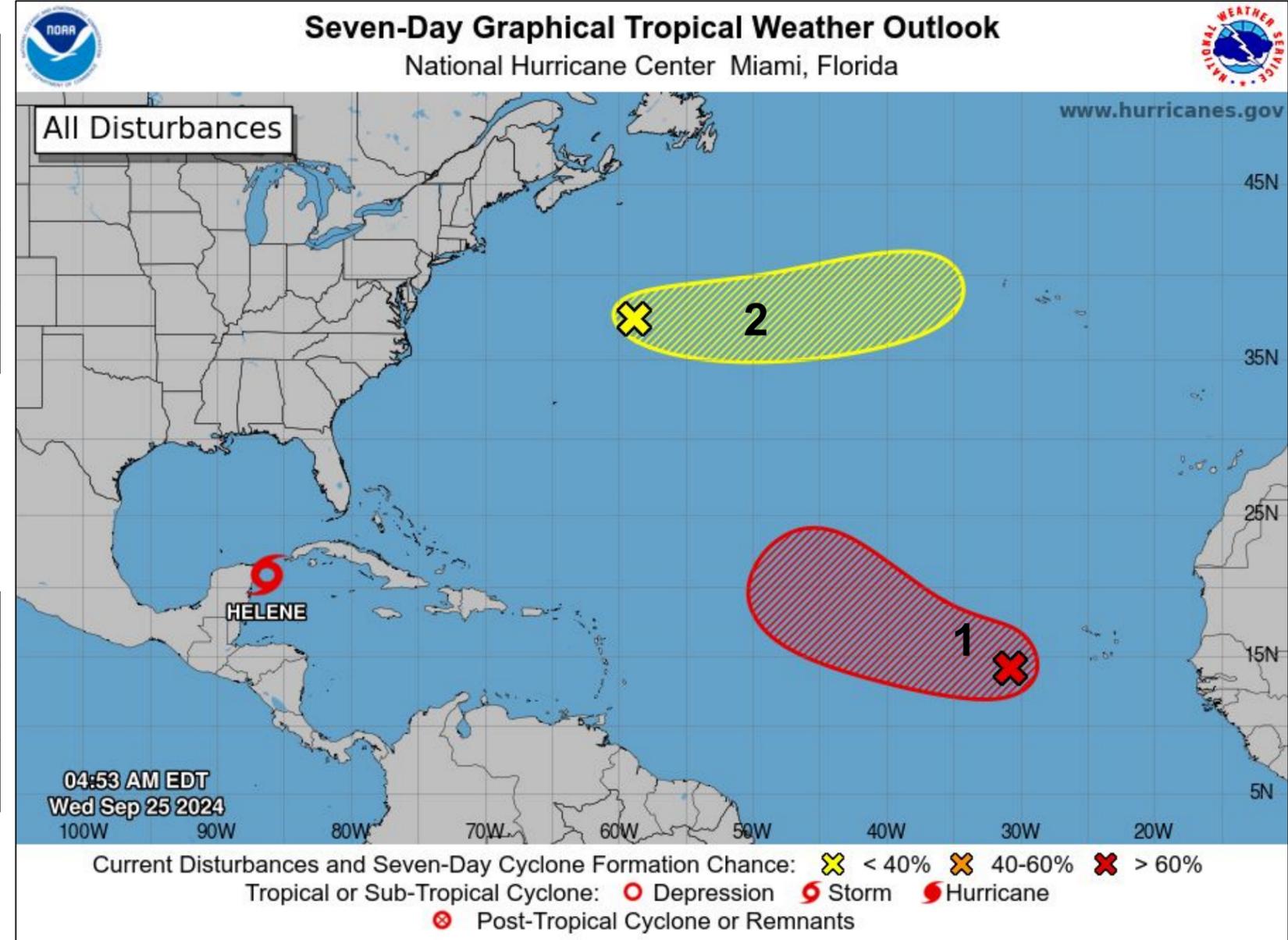
# Tropical Weather Outlook – Atlantic/Gulf

## Areas of Possible Development

Area	Chance of Development	Potential Impacts to FEMA 6
1	High	None
2	Low	None

## Active Tropical Cyclones

Storm	Potential Impacts to FEMA 6
Helene	None

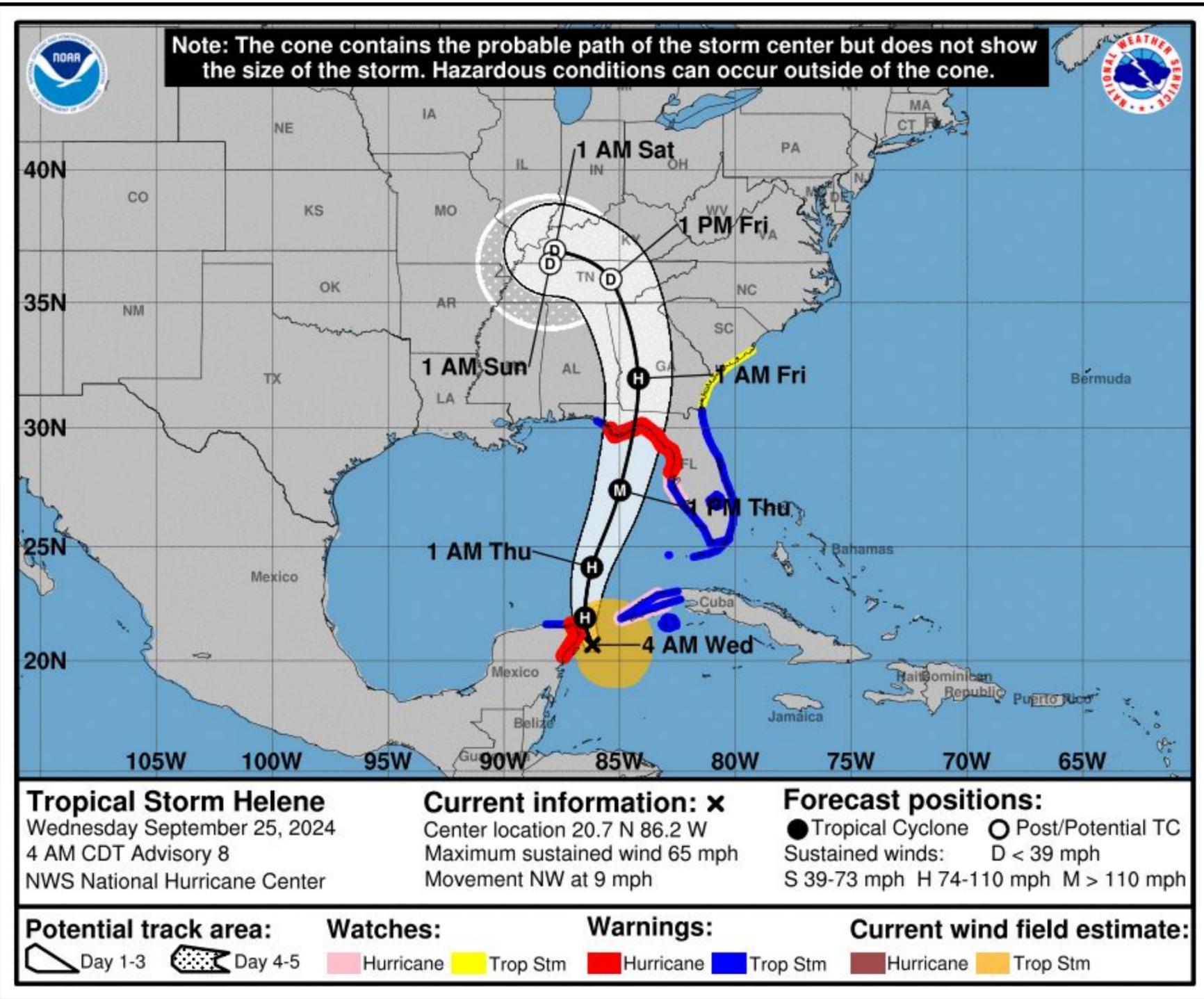


See <http://www.hurricanes.gov> for the latest on the tropics or any active storms



# Helene

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



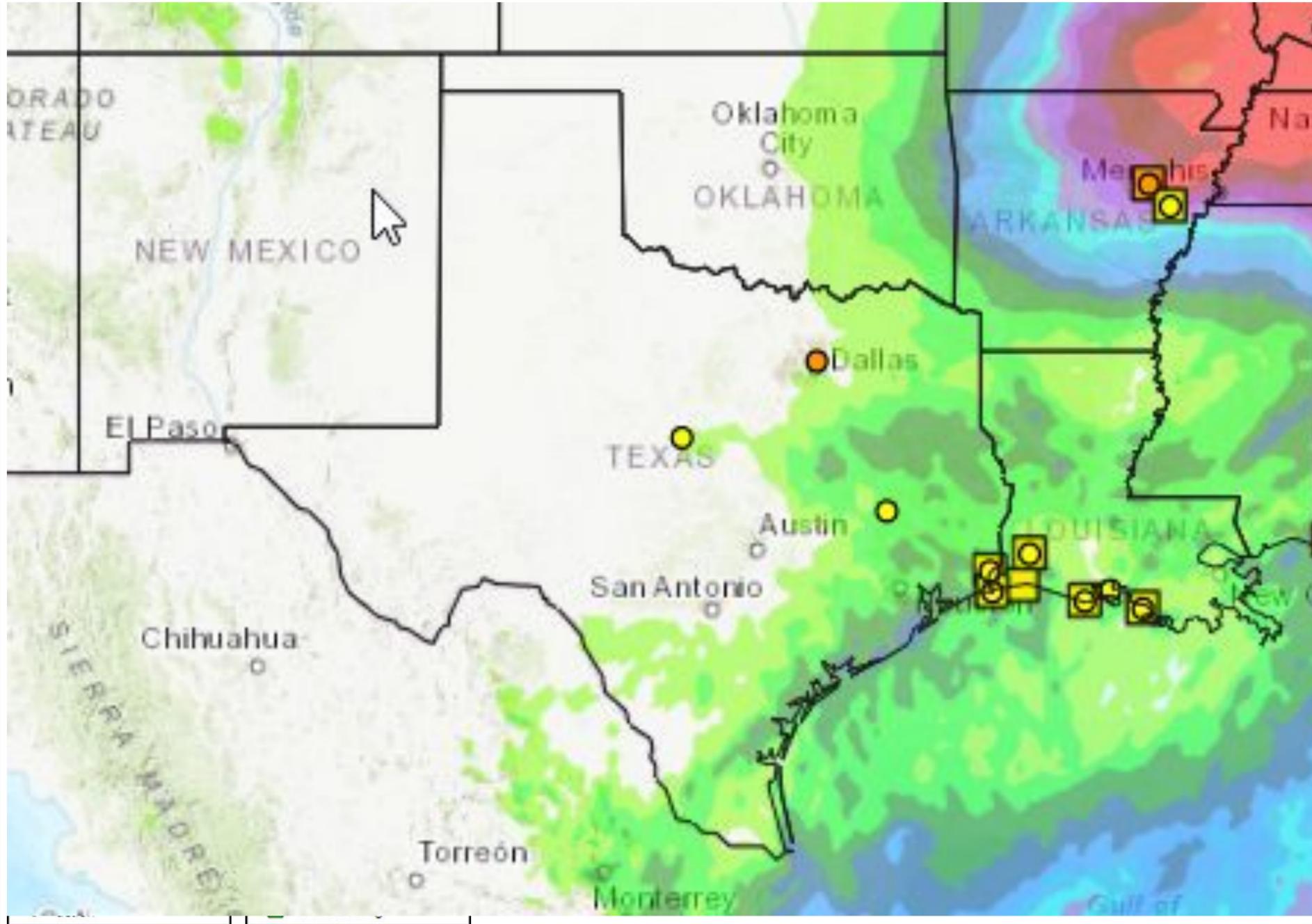
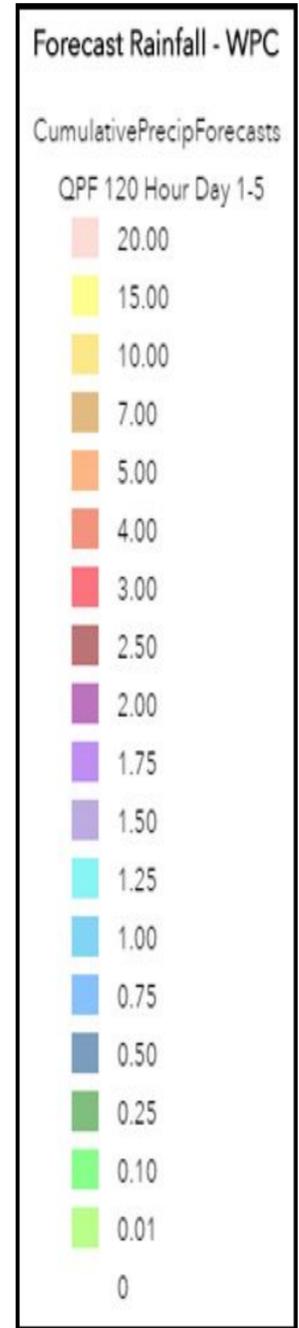
No impacts to FEMA 6.





# 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



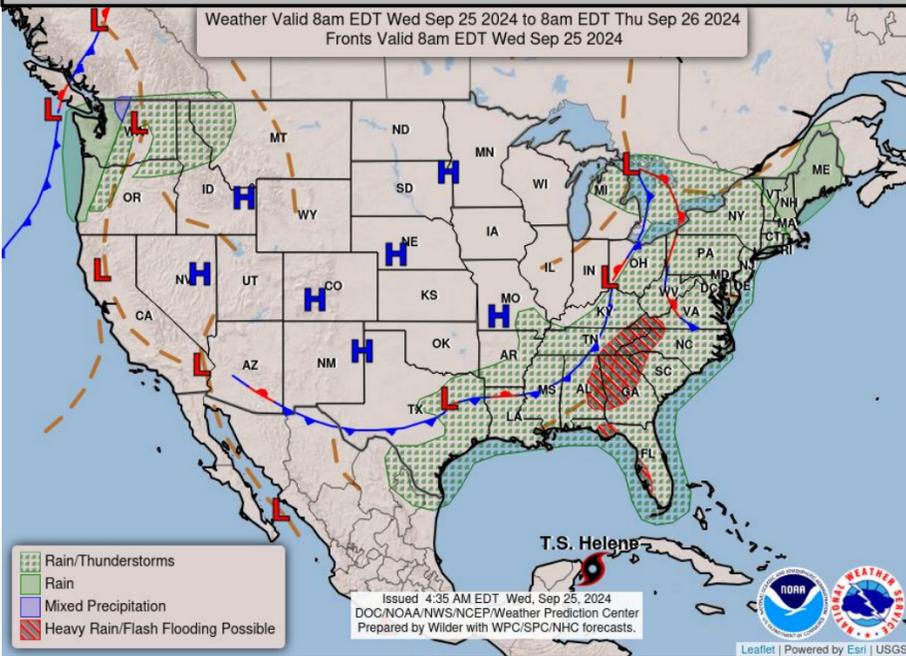
**Minor river flooding along the Cache River at Patterson, AR. No significant impacts.**



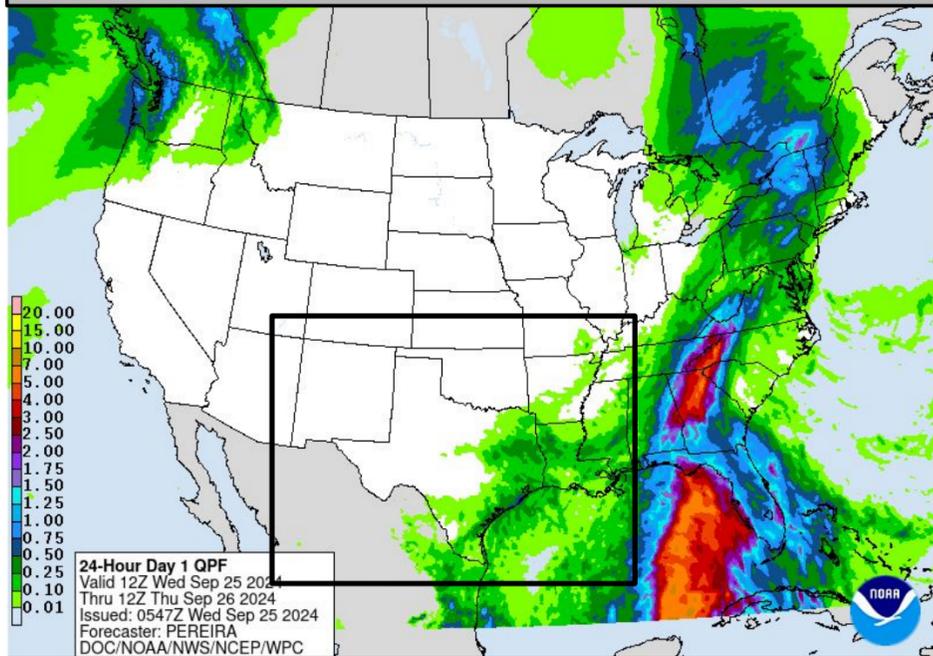
# Today's Weather

## Forecast Chart

Weather Valid 8am EDT Wed Sep 25 2024 to 8am EDT Thu Sep 26 2024  
Fronts Valid 8am EDT Wed Sep 25 2024

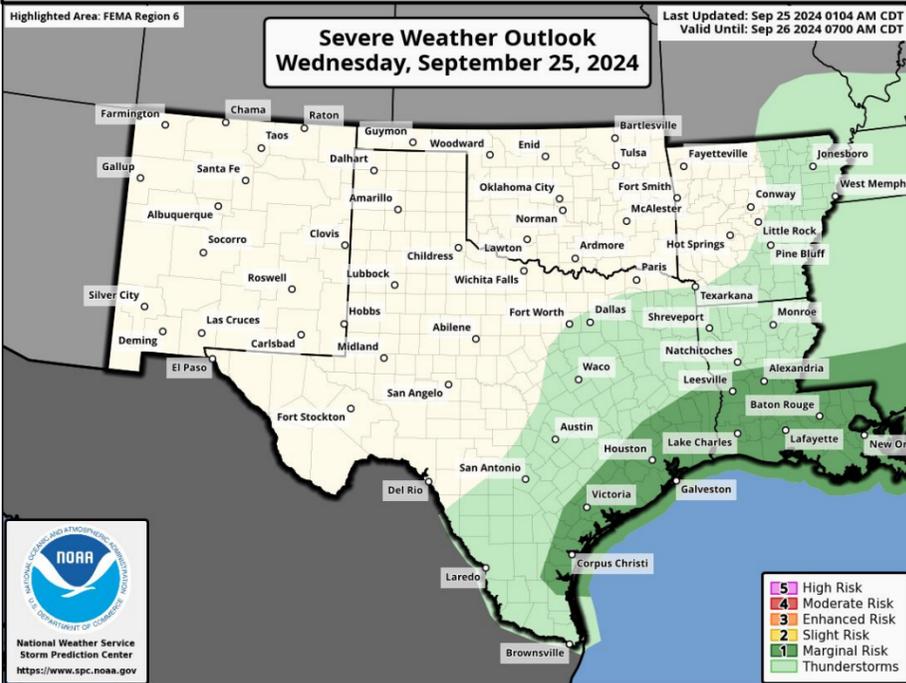


## Forecast Rainfall

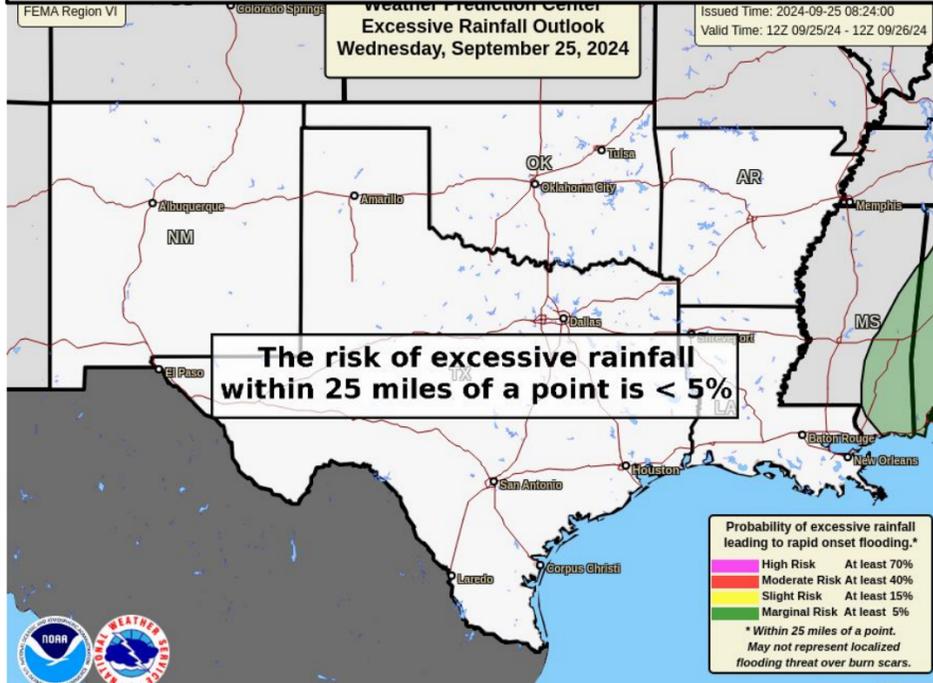


**Marginal risk for severe storms across south TX and south LA**

## Severe Weather Outlook



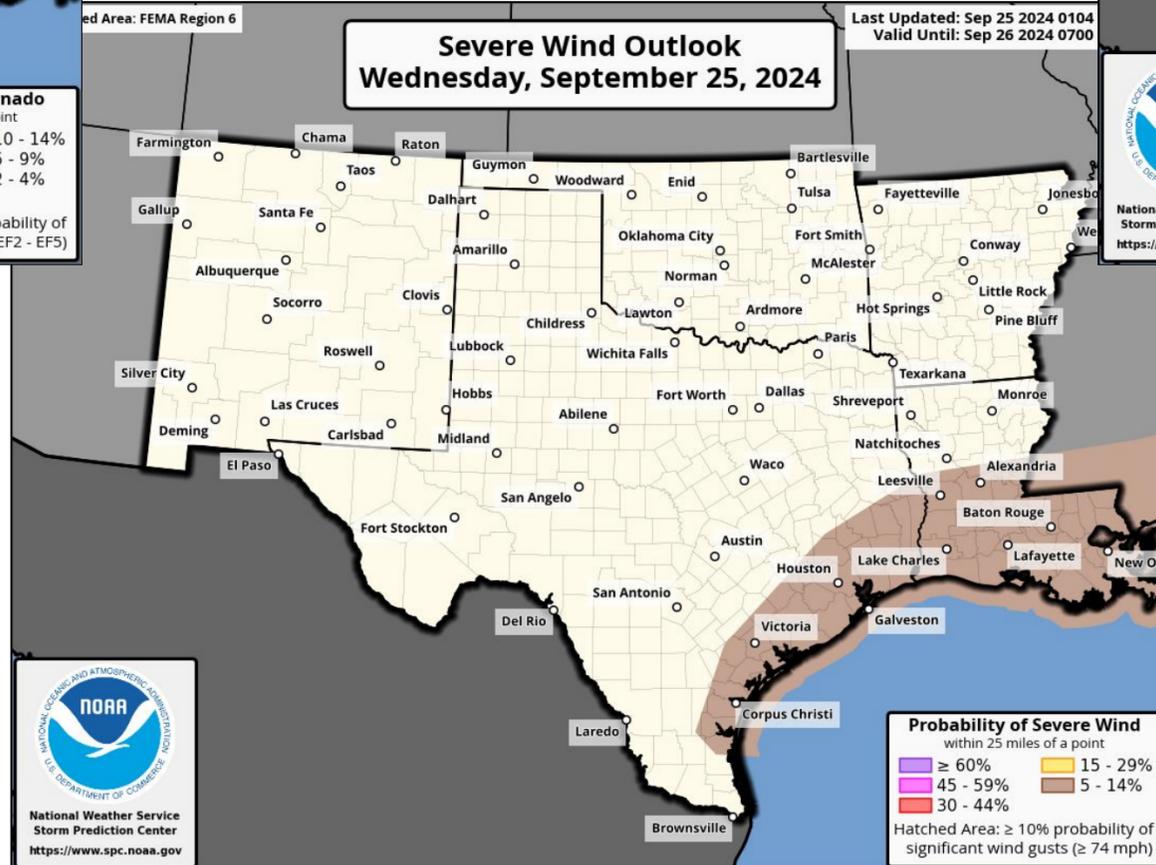
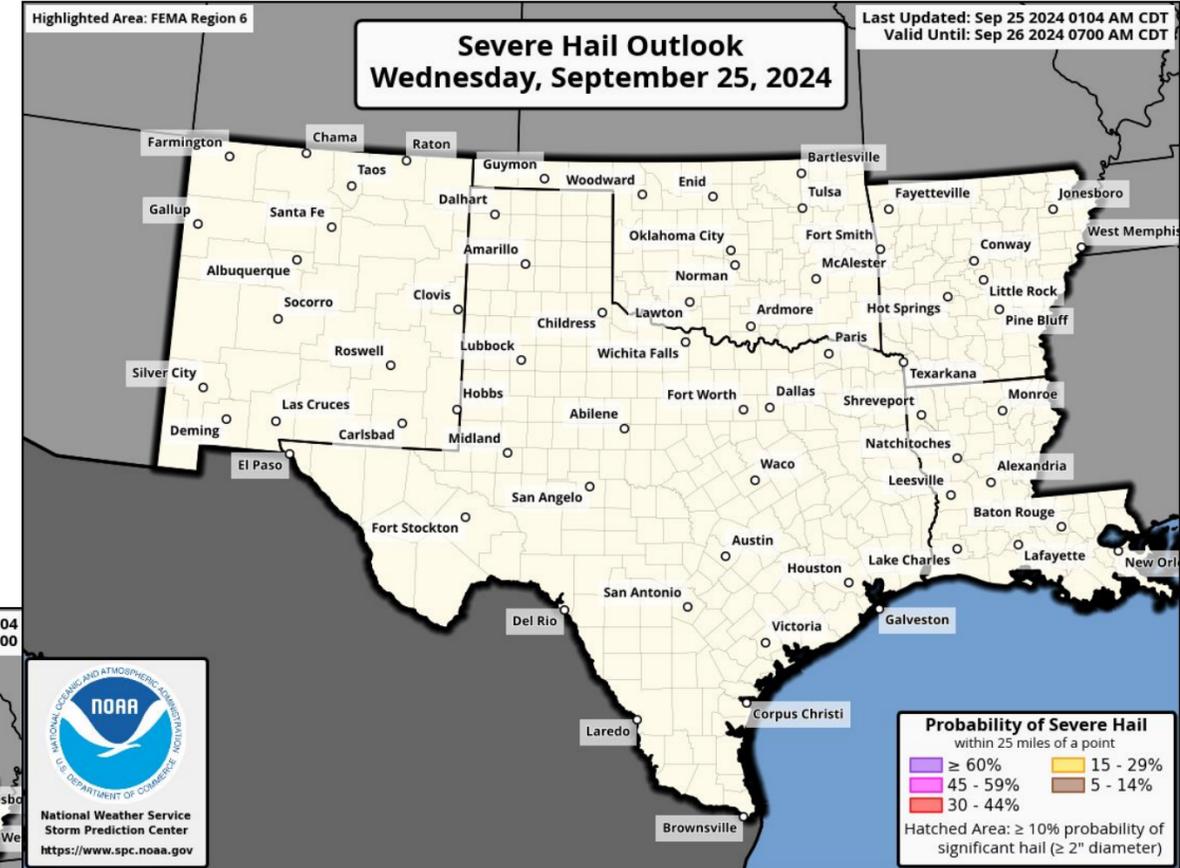
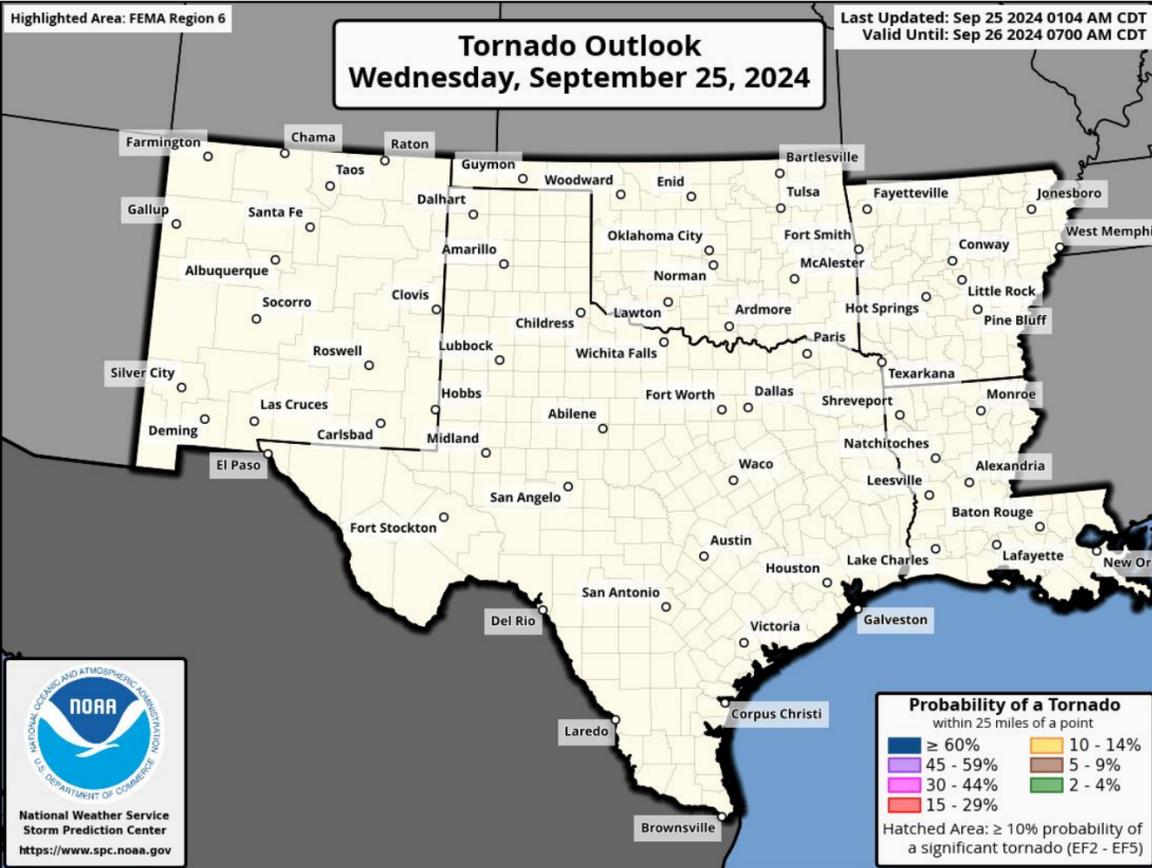
## Excessive Rainfall Outlook





# Today's Tornado & Severe Wind / Hail Probabilities

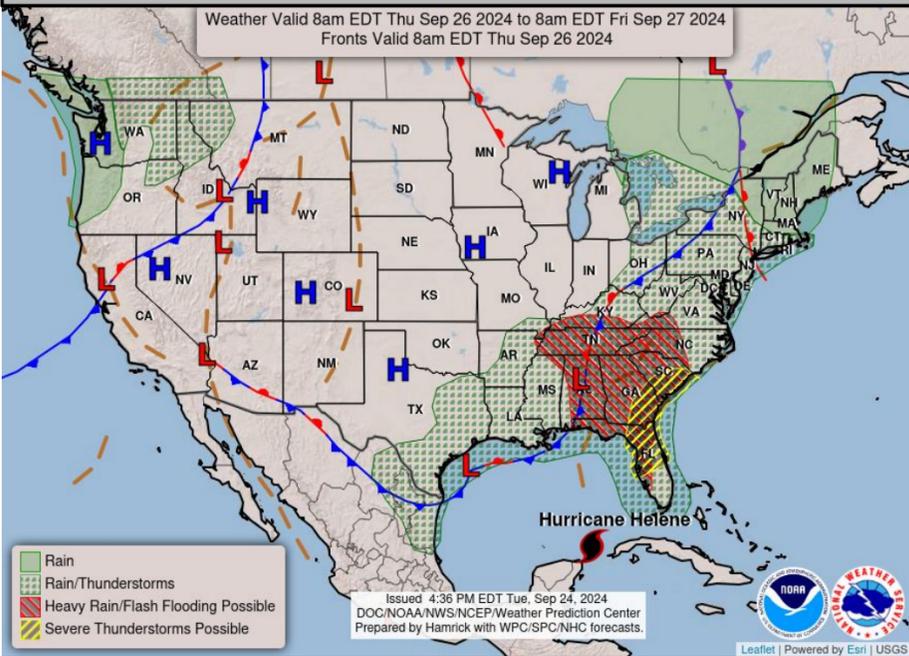
September 25, 2024



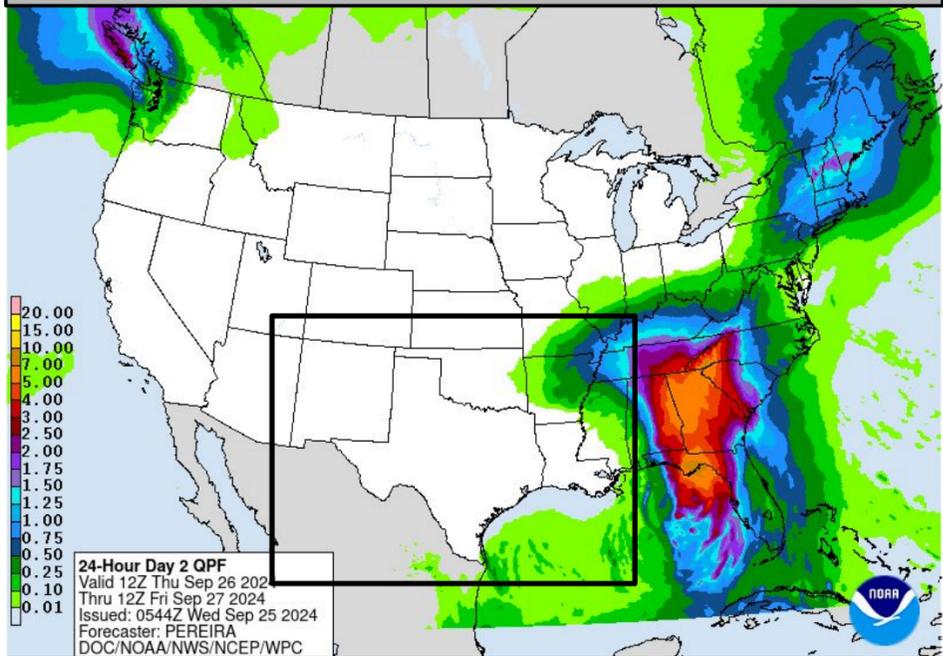


# Tomorrow's Weather

## Forecast Chart

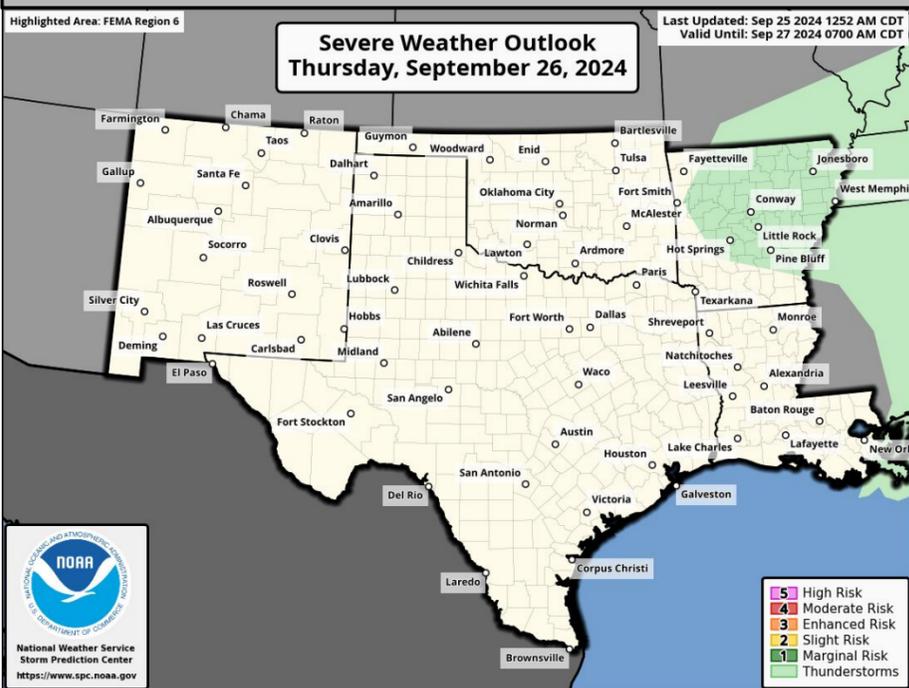


## Forecast Rainfall

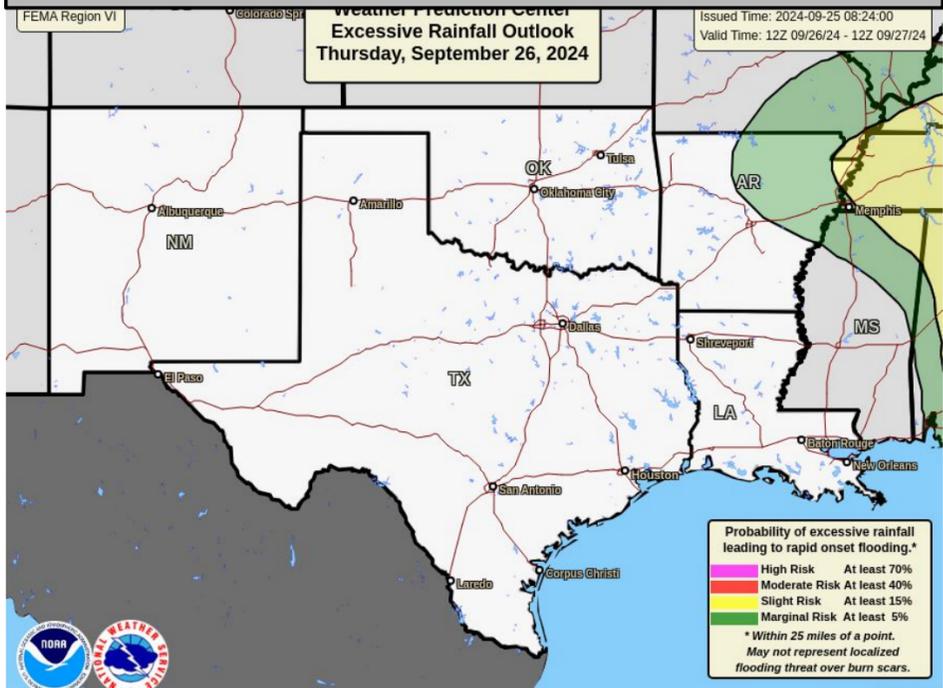


Marginal risk of heavy rainfall over Northern AR

## Severe Weather Outlook

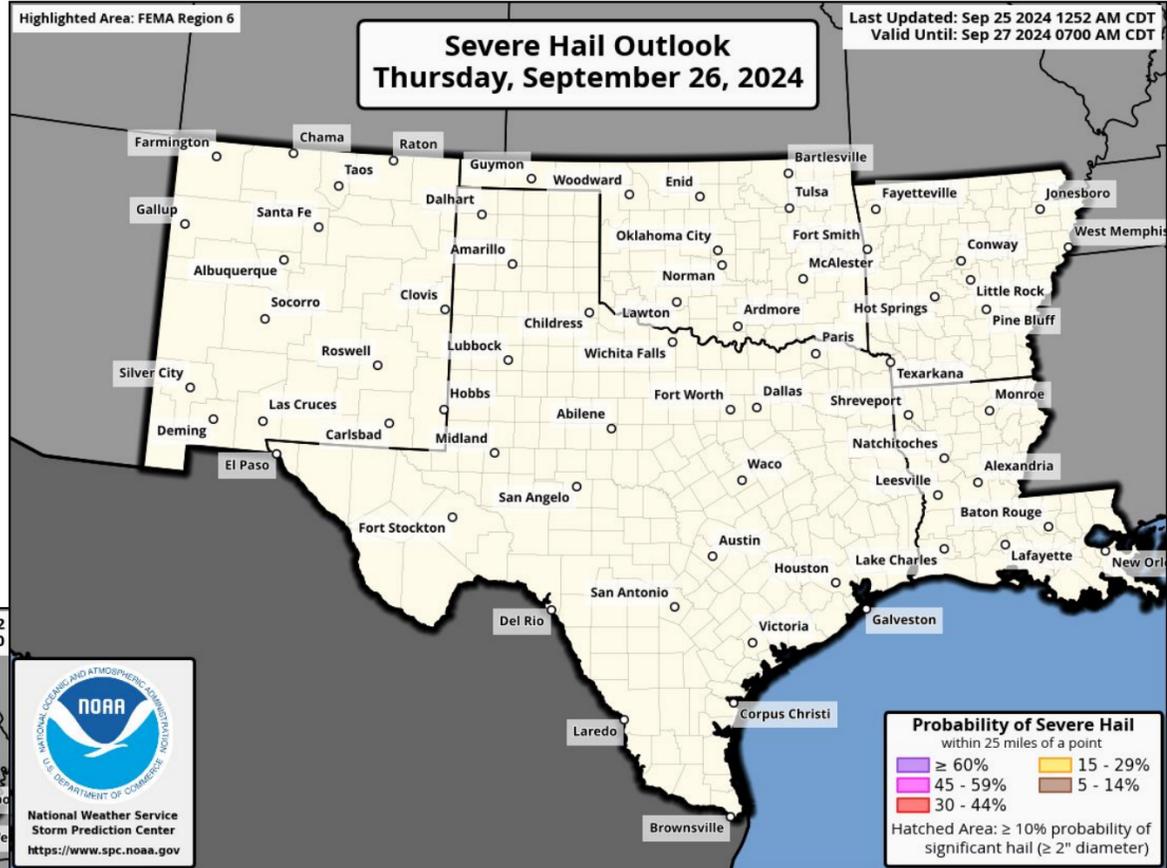
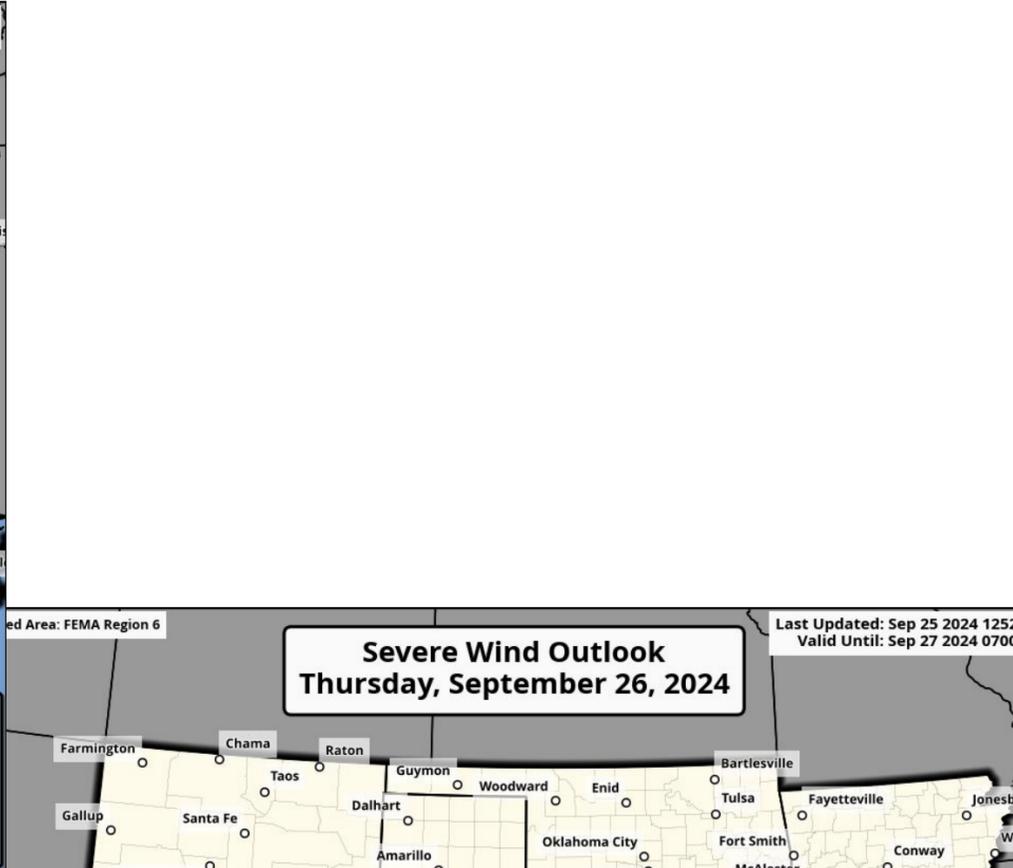
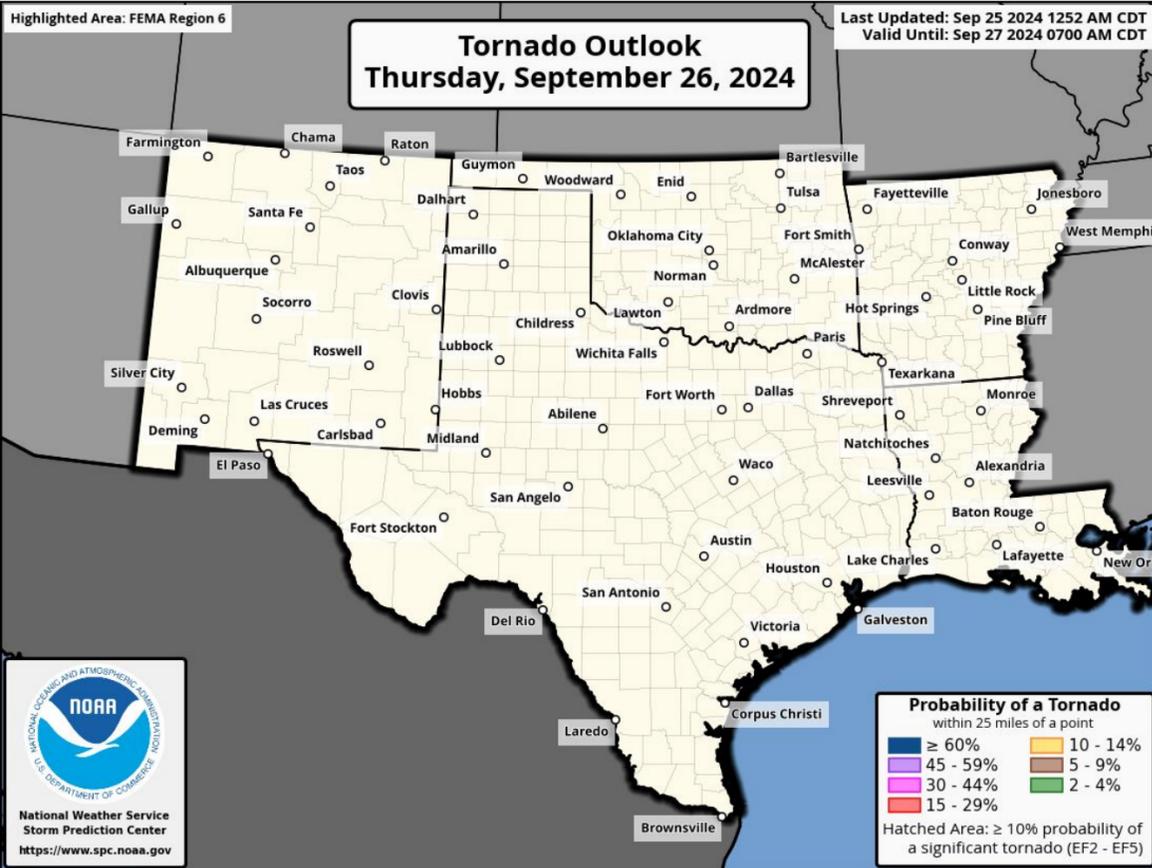


## Excessive Rainfall Outlook





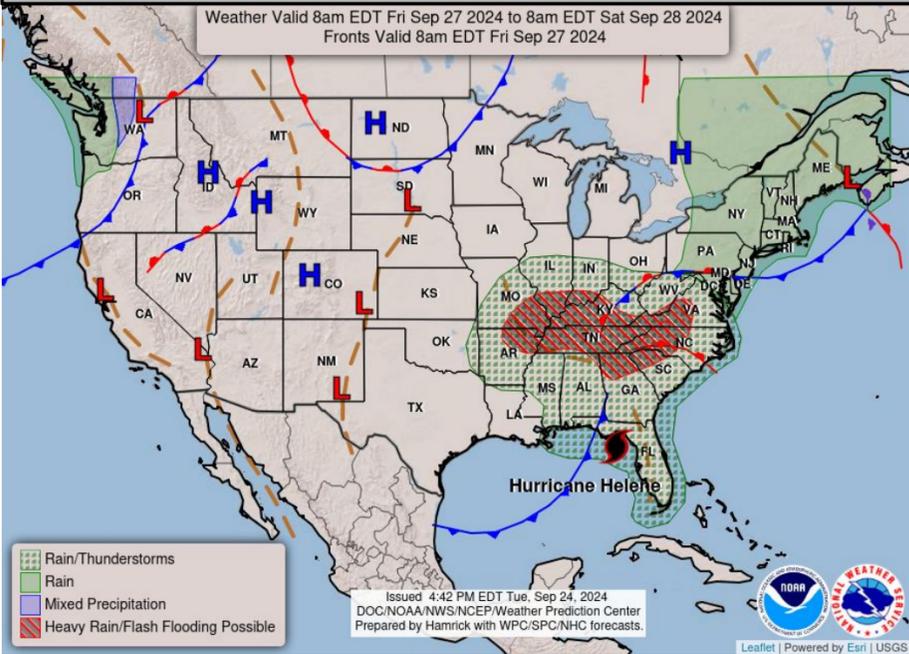
# Tomorrow's Tornado & Severe Wind / Hail Probabilities



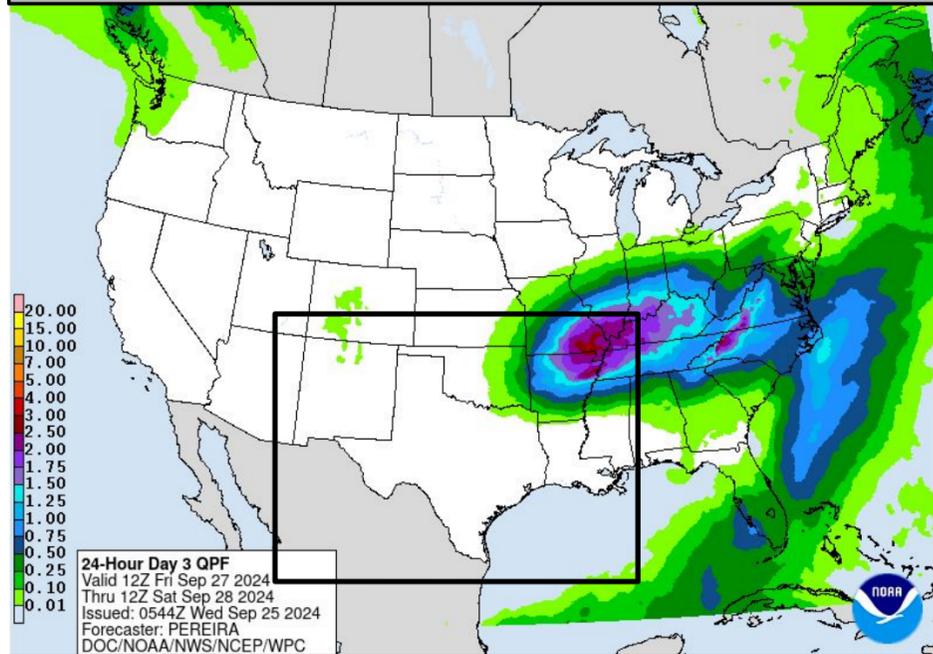


# Friday's Weather

## Forecast Chart

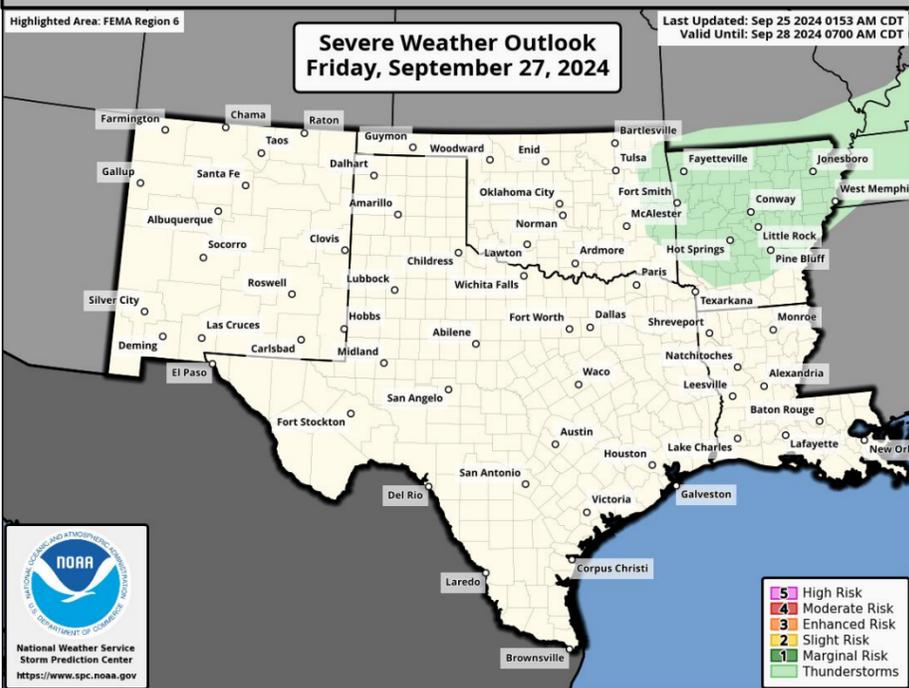


## Forecast Rainfall

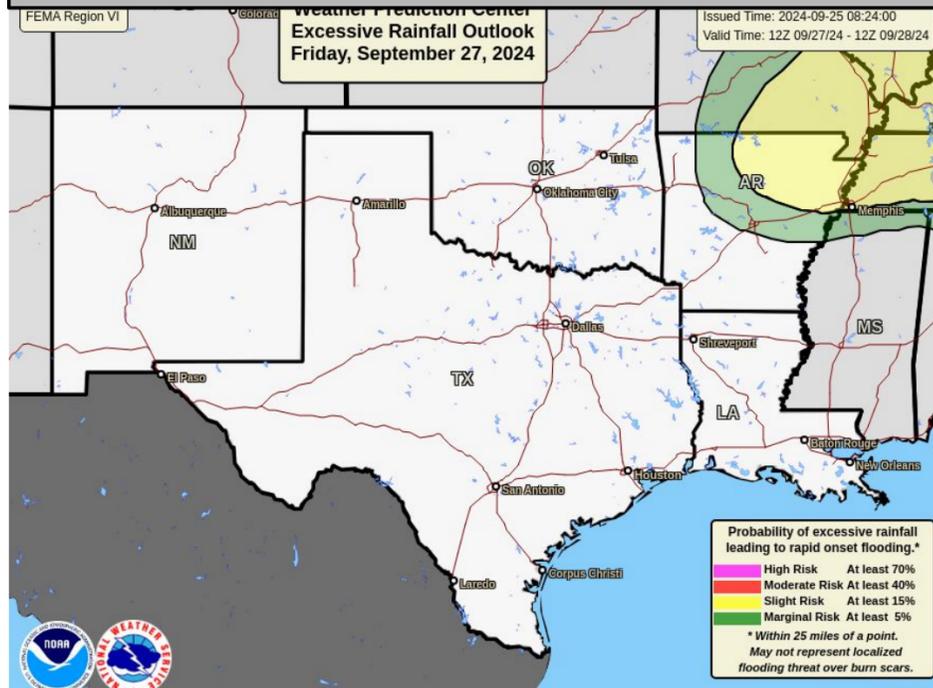


**Slight risk of heavy rainfall for northern AR**

## Severe Weather Outlook



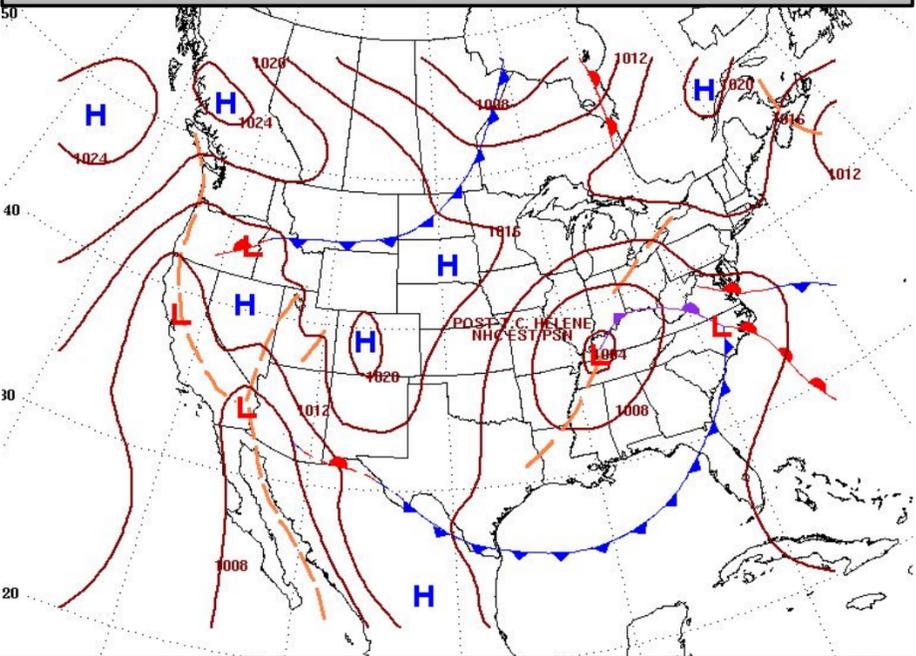
## Excessive Rainfall Outlook



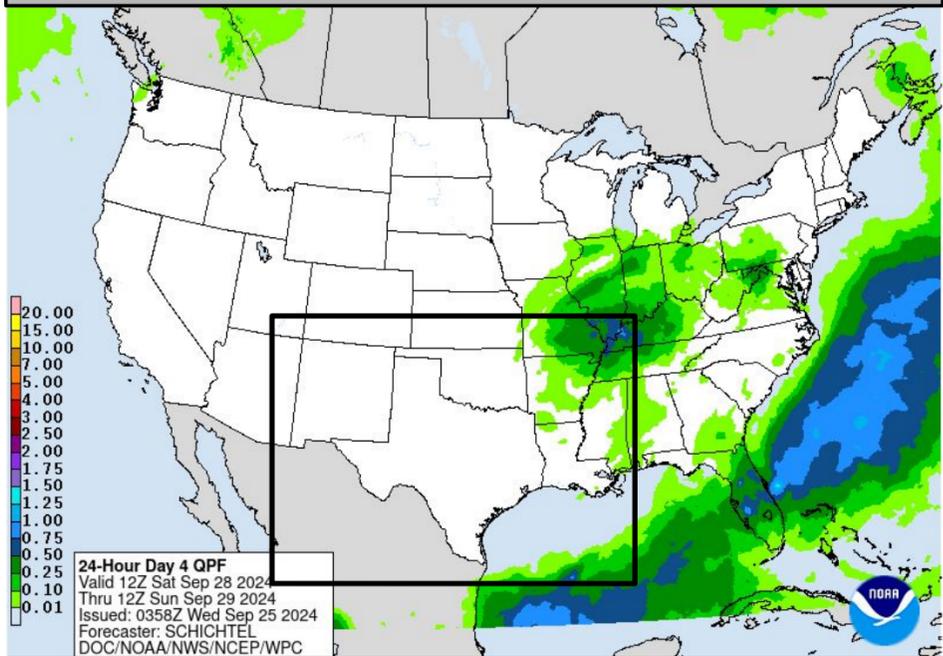


# Saturday's Weather

### Forecast Chart

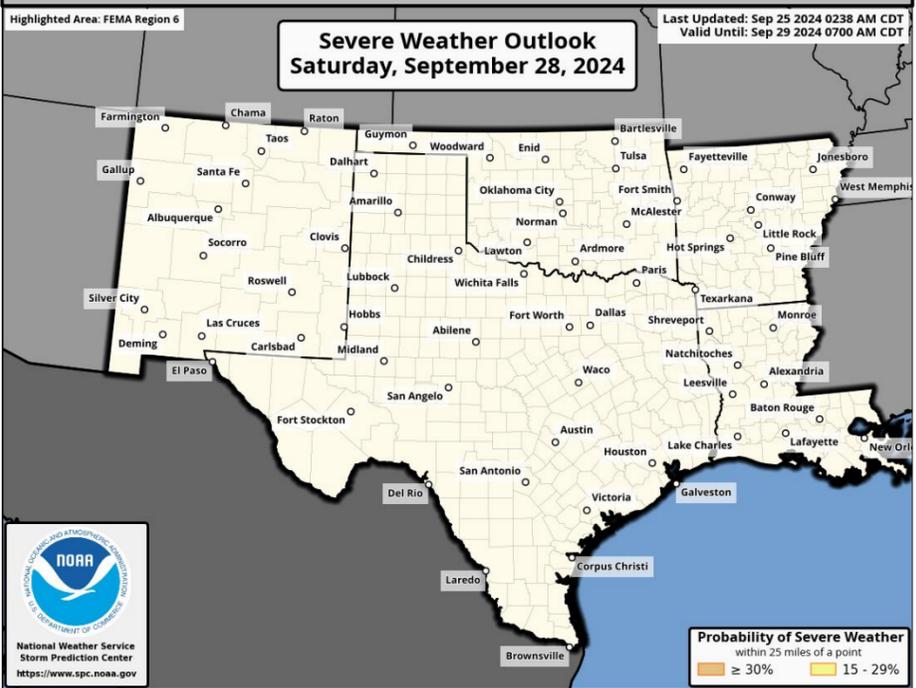


### Forecast Rainfall

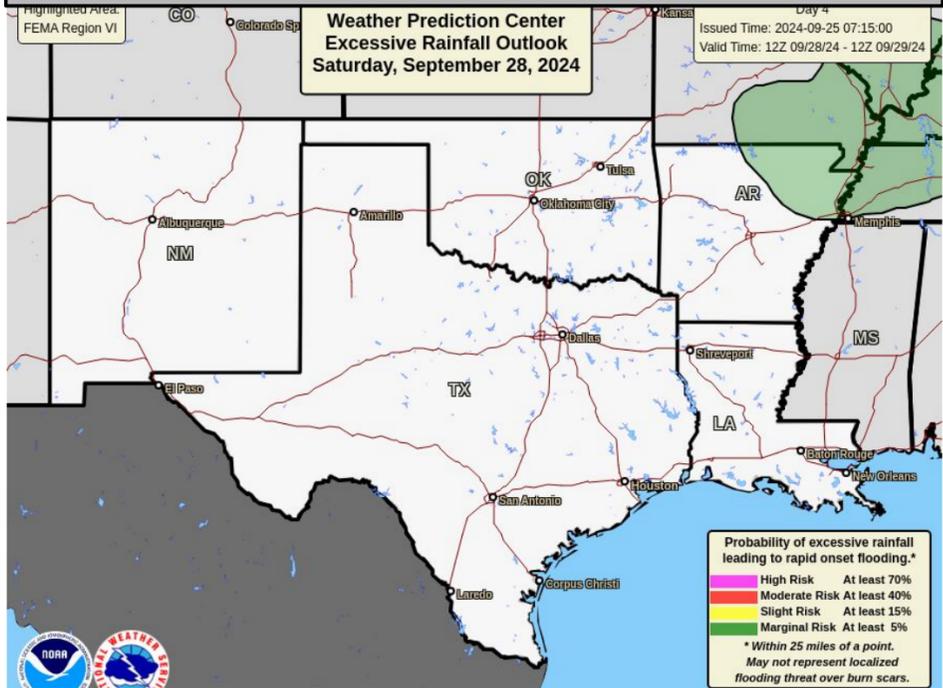


**Marginal risk of heavy rainfall  
across NE AR**

### Severe Weather Outlook



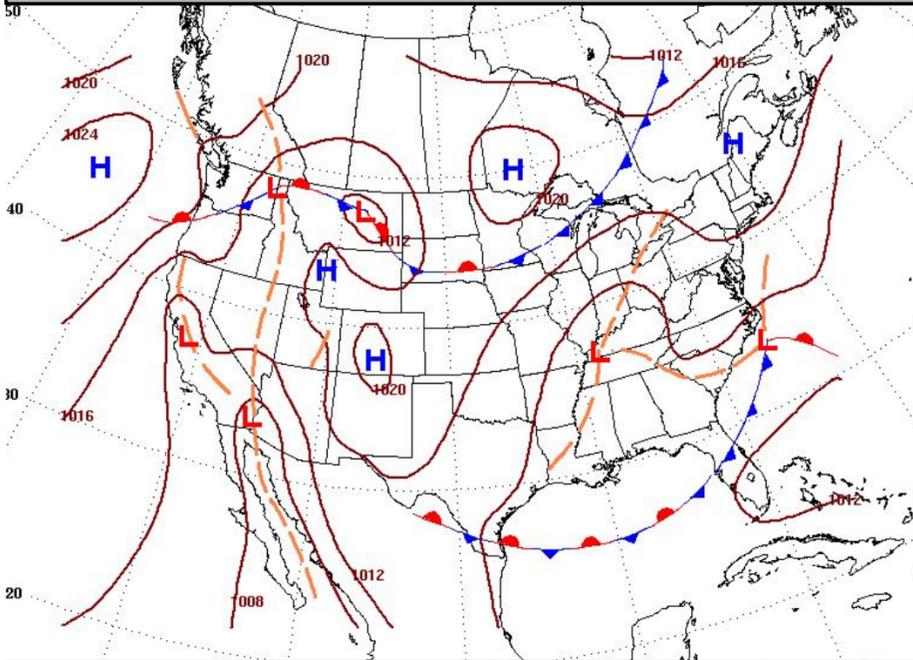
### Excessive Rainfall Outlook



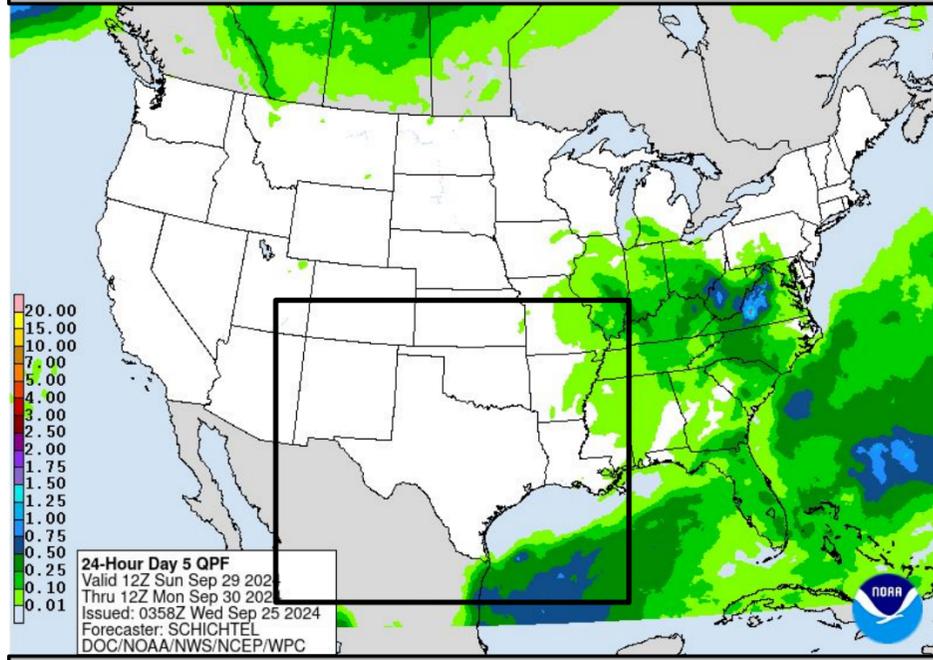


# Sunday's Weather

### Forecast Chart

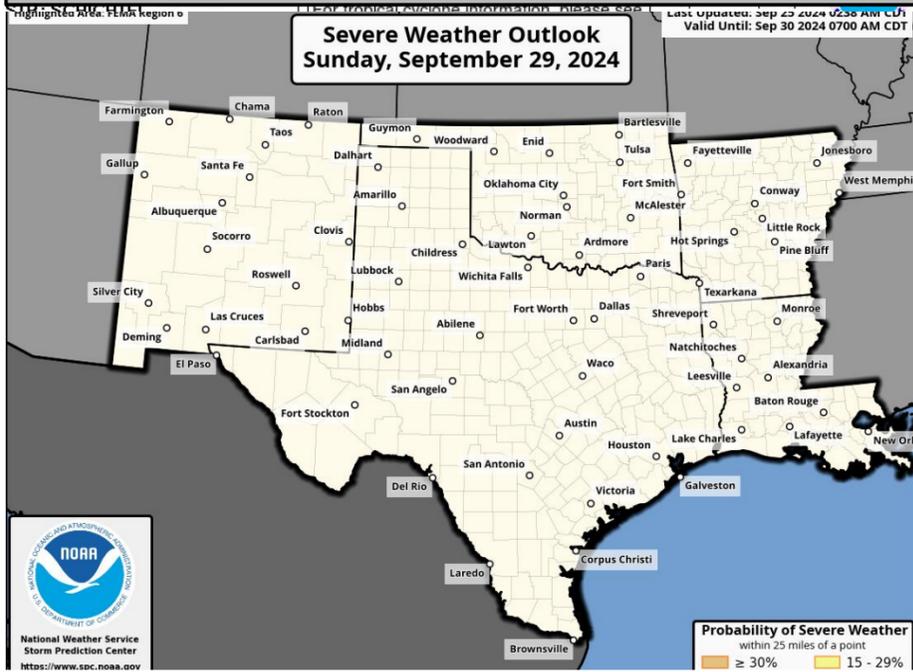


### Forecast Rainfall

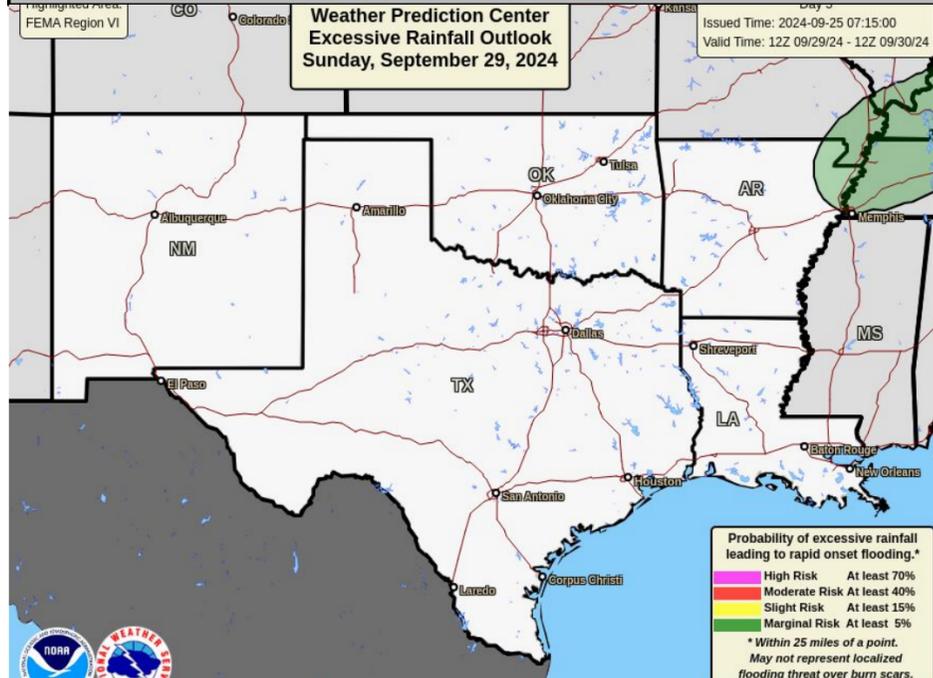


**Marginal risk of heavy rainfall over the far NE AR**

### Severe Weather Outlook



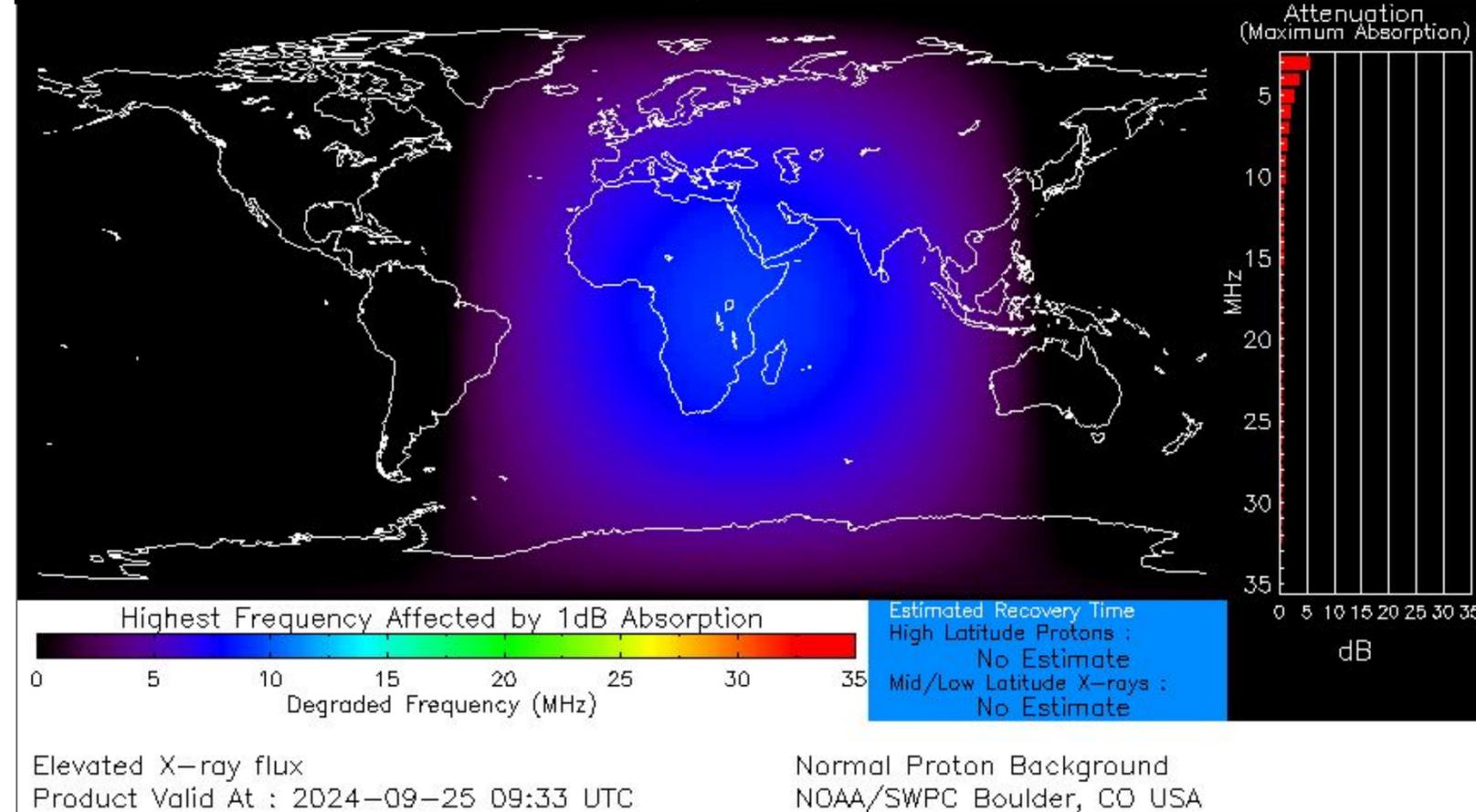
### Excessive Rainfall Outlook





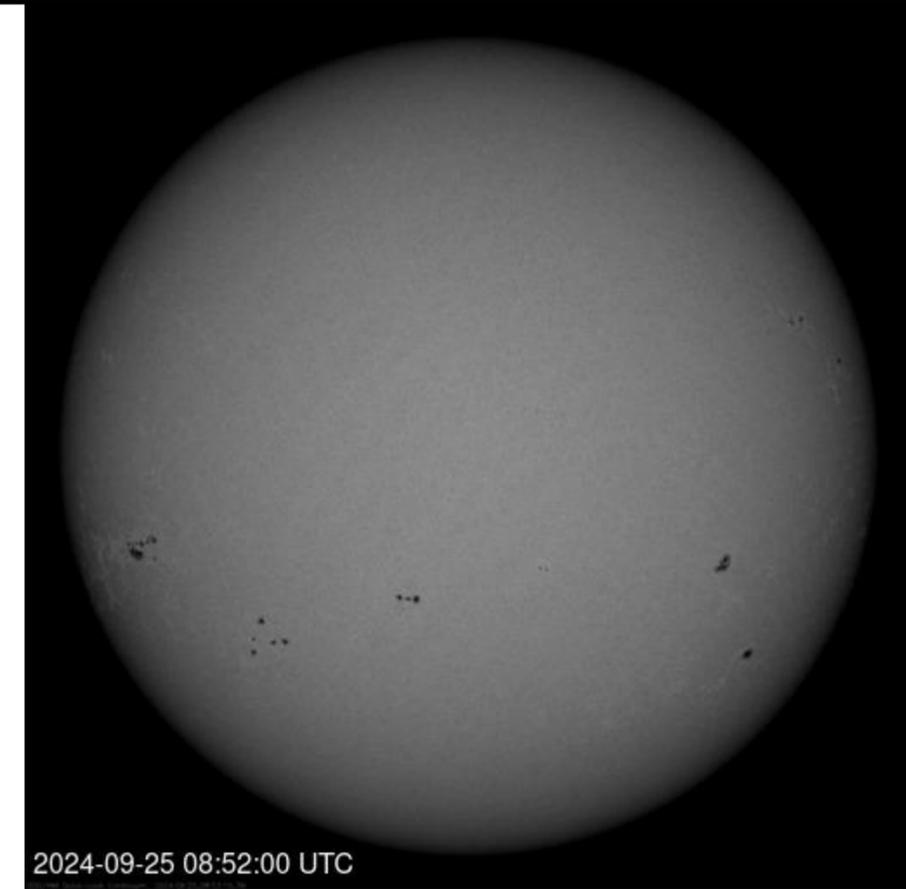
# Space Weather 3-Day Forecast

	Wednesday, Sep 25	Thursday, Sep 26	Friday, Sep 27
<b>Geomagnetic Storms</b>	<b>Minor Storm (Max Kp = 5)</b>	<b>Unsettled (Max Kp = 3)</b>	<b>Quiet (Max Kp = 2)</b>
<b>Solar Radiation Storm (S1-S5)</b>	<b>5%</b>	<b>5%</b>	<b>5%</b>
<b>Radio Blackout (R1-R2)</b>	<b>55%</b>	<b>55%</b>	<b>55%</b>
<b>Radio Blackout (R3-R5)</b>	<b>20%</b>	<b>20%</b>	<b>20%</b>



[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	<p style="text-align: center;"><b>Little to None</b></p> <p>Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines</p>	<p>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</p>	<ul style="list-style-type: none"> <li>Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees</li> <li>Something that happens almost every day in a particular season such as seabreeze storms in coastal TX</li> </ul>
Yellow	<p style="text-align: center;"><b>Minor</b></p> <p>Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life</p>	<p>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</p>	<ul style="list-style-type: none"> <li>2-3 inches of rainfall expected over central AR today and tonight; some minor (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	<p style="text-align: center;"><b>Moderate</b></p> <p>Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life</p>	<p>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</p>	<ul style="list-style-type: none"> <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	<p style="text-align: center;"><b>Major</b></p> <p>Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life</p>	<p>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</p>	<ul style="list-style-type: none"> <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	<p style="text-align: center;"><b>Extreme</b></p> <p>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</p>	<p>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</p>	<ul style="list-style-type: none"> <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](mailto:sr-srh.roc@noaa.gov)**



# National Weather Service

Southern Region Headquarters

Regional Operations Center

Fort Worth, TX



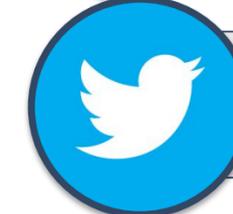
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