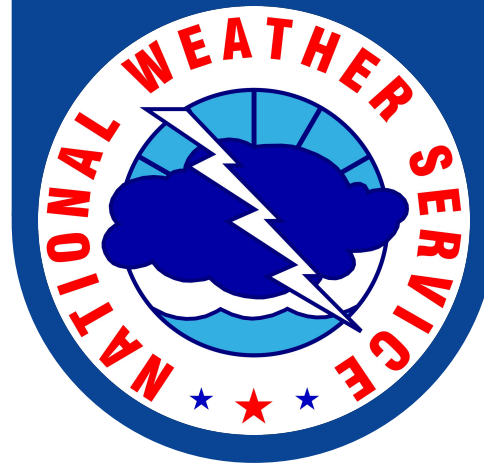




# FEMA



Prepared by  
*Melissa Huffman*

# FEMA Region 6 Weather Threat Briefing

Sunday, May 05, 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).





# Summary of the Upcoming Week

- **Moderate risk of heavy rainfall/flash flooding for SE TX today. Heavy rain threat shifts to E AR on Wednesday.**
- **Daily severe weather threat through mid-week for TX, OK, AR. Greatest threat on Monday with moderate risk of severe storms across OK.**
- **Critical fire weather conditions for NM today expanding into Far W TX, TX/OK Panhandles through mid-week.**
- **Early season heat builds across S/SE TX by mid-week, increasing risk for heat stress during ongoing flood operations.**
- **Moderate to major river flooding continues across E/SE TX this week.**





# FEMA Region 6 Threat Matrix

Next 5 Days

	Sunday, May 5	Monday, May 6	Tuesday, May 7	Wednesday, May 8	Thursday, May 9
Severe Storms	S/Ctrl TX	OK	AR	NETX, S/E OK, AR, NW LA	
Heavy Rain / Flash Flooding	SETX	N OK, NE AR		E AR	N LA
Fire Weather	NM	NM, Far W TX, TX/OK Panhandles	NM, Far W TX, TX/OK Panhandles	NM, Far W TX, TX/OK Panhandles	
Wind					
Heat		STX	S/SETX	S/SETX	S/SETX
River Flooding	E/SETX	E/SETX	E/SETX	E/SETX	E/SETX

*\*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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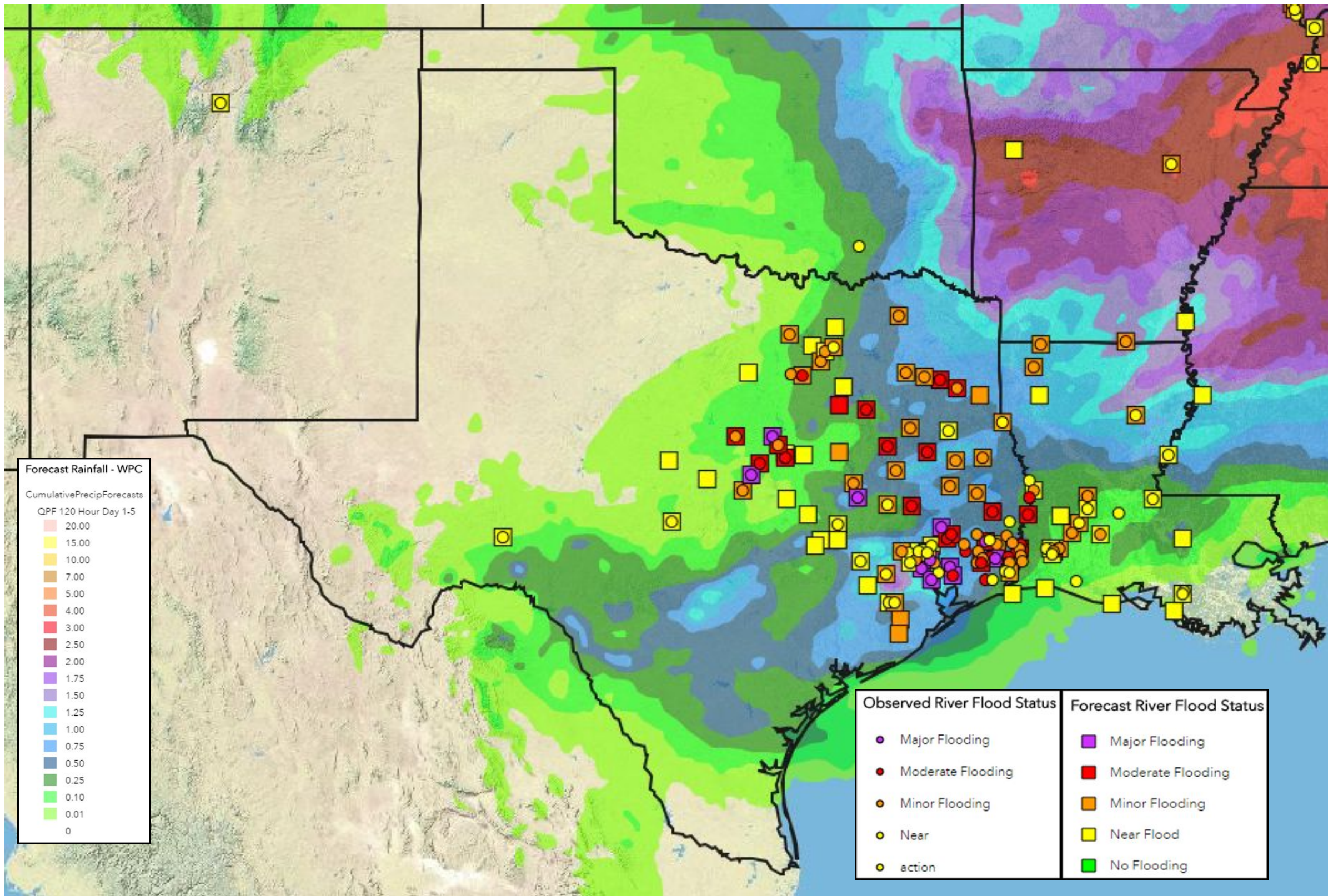




# 5-Day Precipitation Forecast & River Flood Status

*Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall*

**Moderate to major river flooding continues across E/SE TX this week. Numerous homes, roads, and agricultural areas are flooded.**

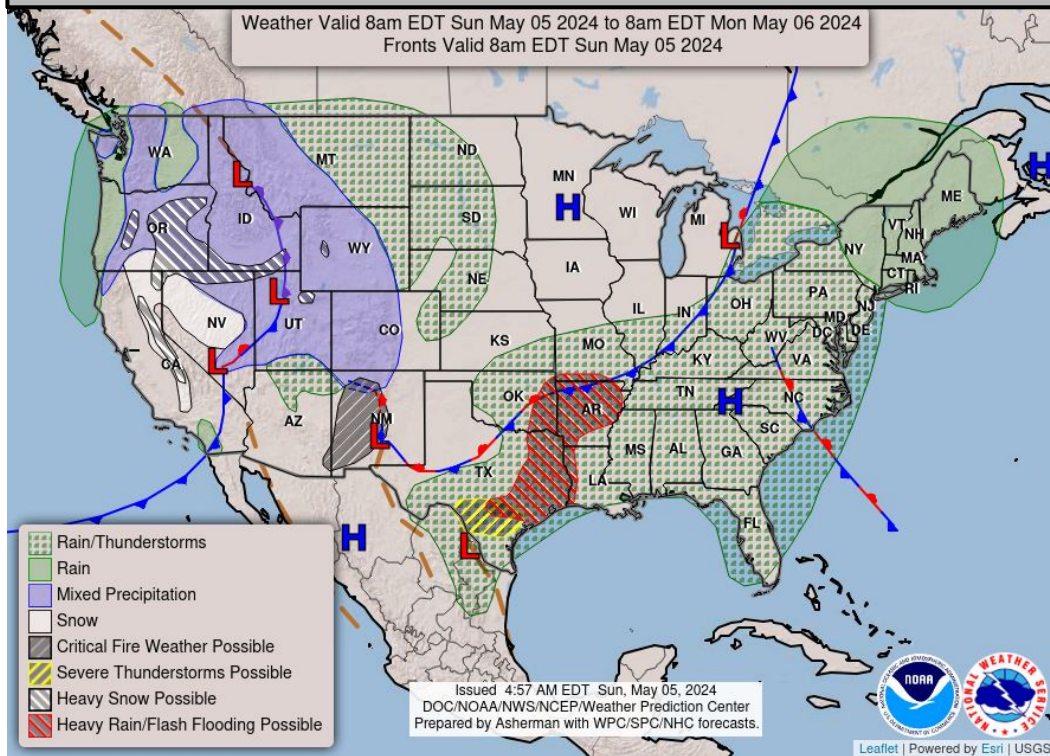




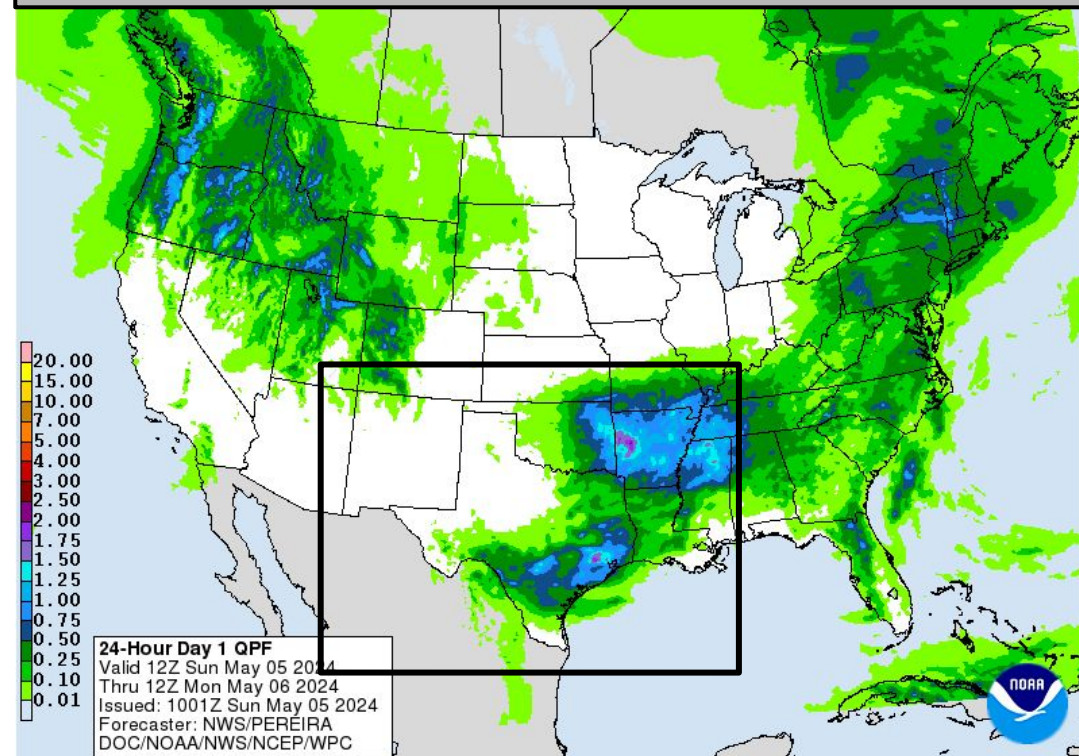


# Today's Weather

## Forecast Chart



## Forecast Rainfall

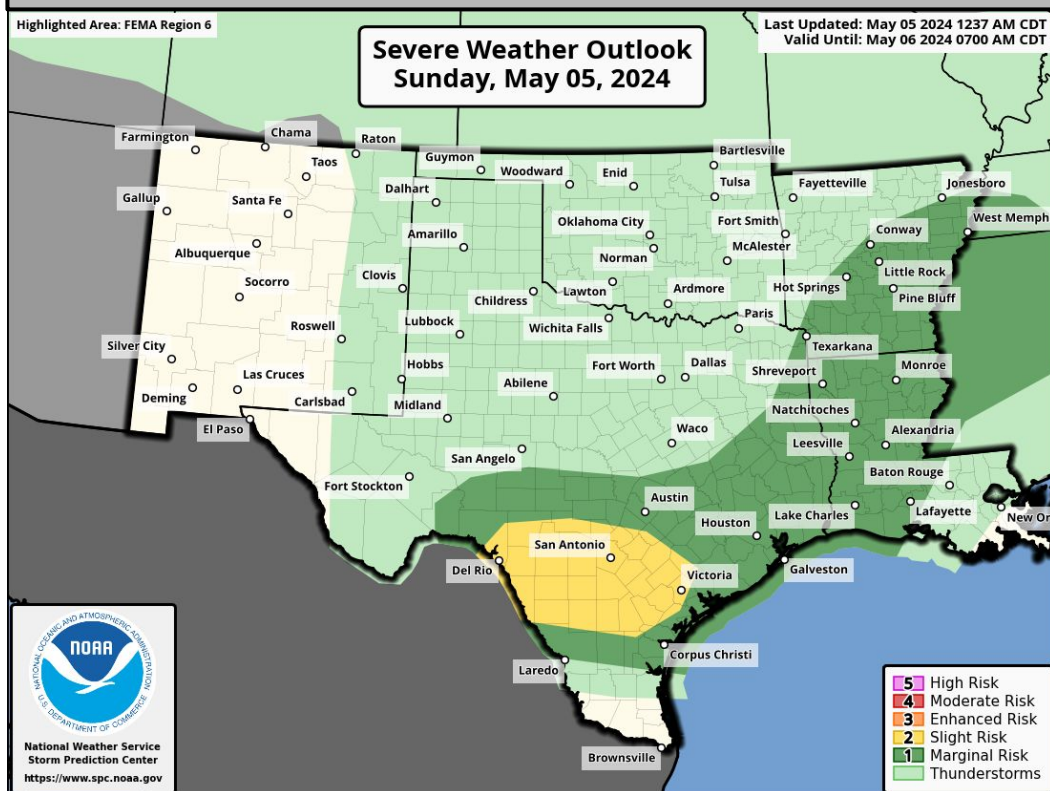


**Moderate risk of heavy rainfall/flash flooding across SE TX.**

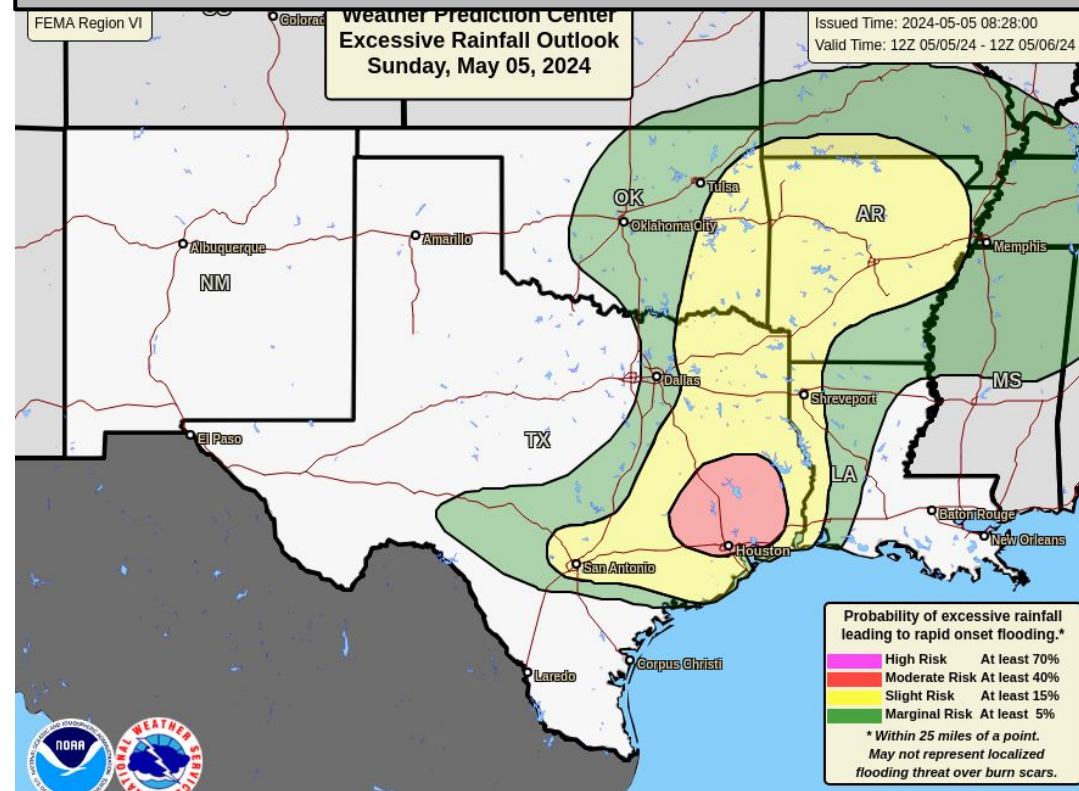
**Critical fire weather conditions for NM.**

**Slight risk of severe storms for S/Ctrl Tx.**

## Severe Weather Outlook



## Excessive Rainfall Outlook

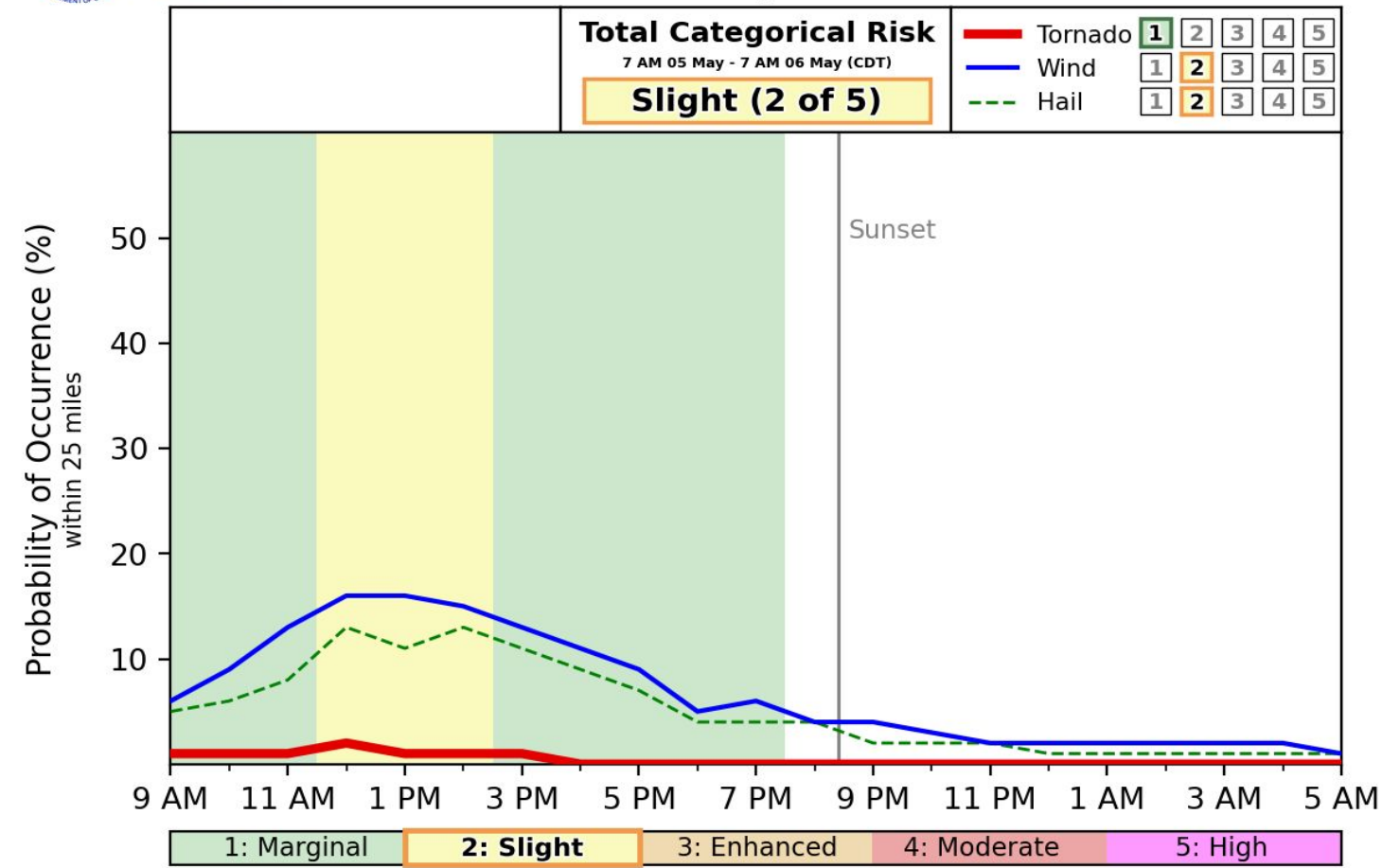






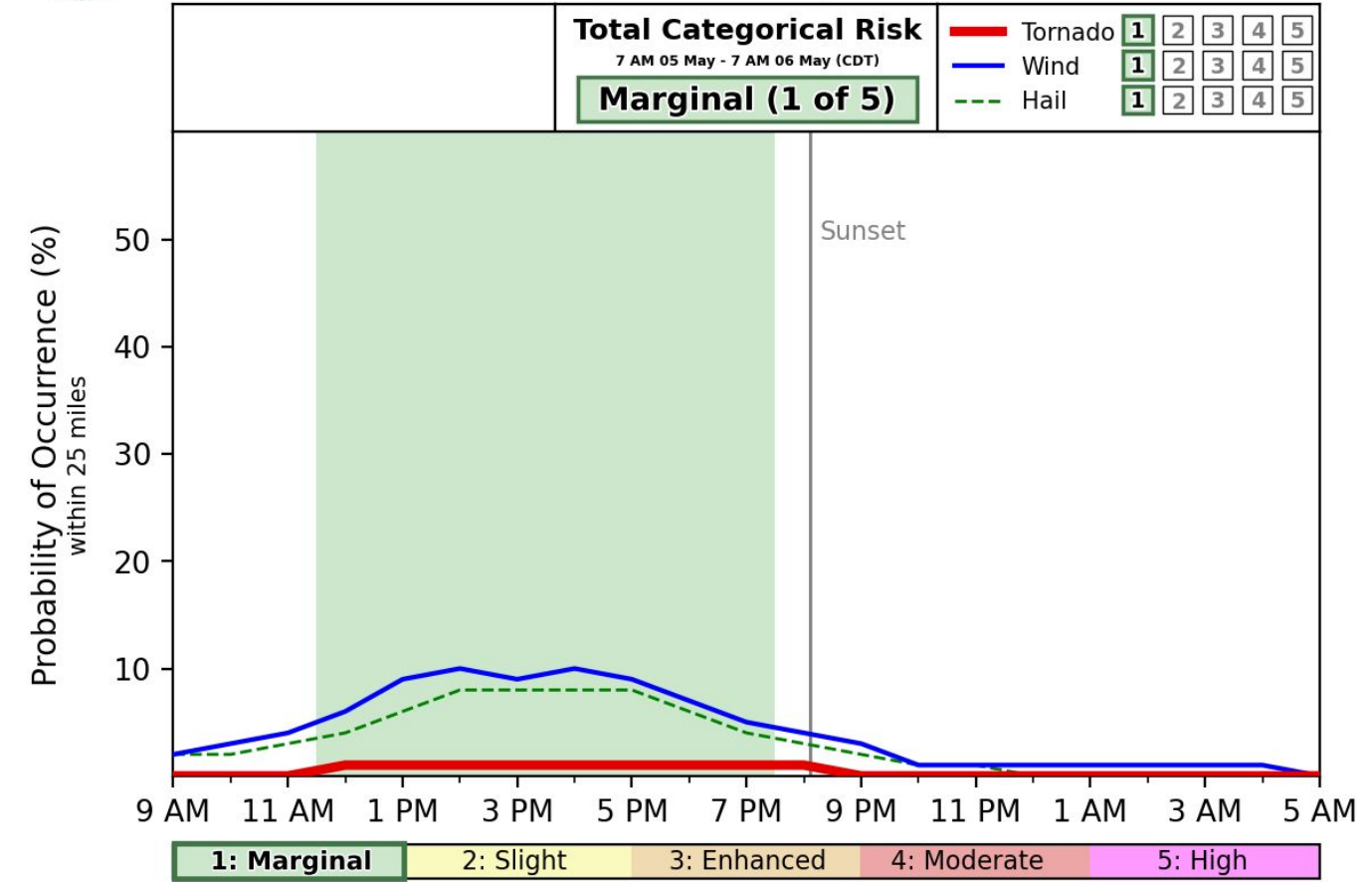
### 05 May 2024 Severe Weather Outlook Del Rio, Texas

Created: 1:06 AM



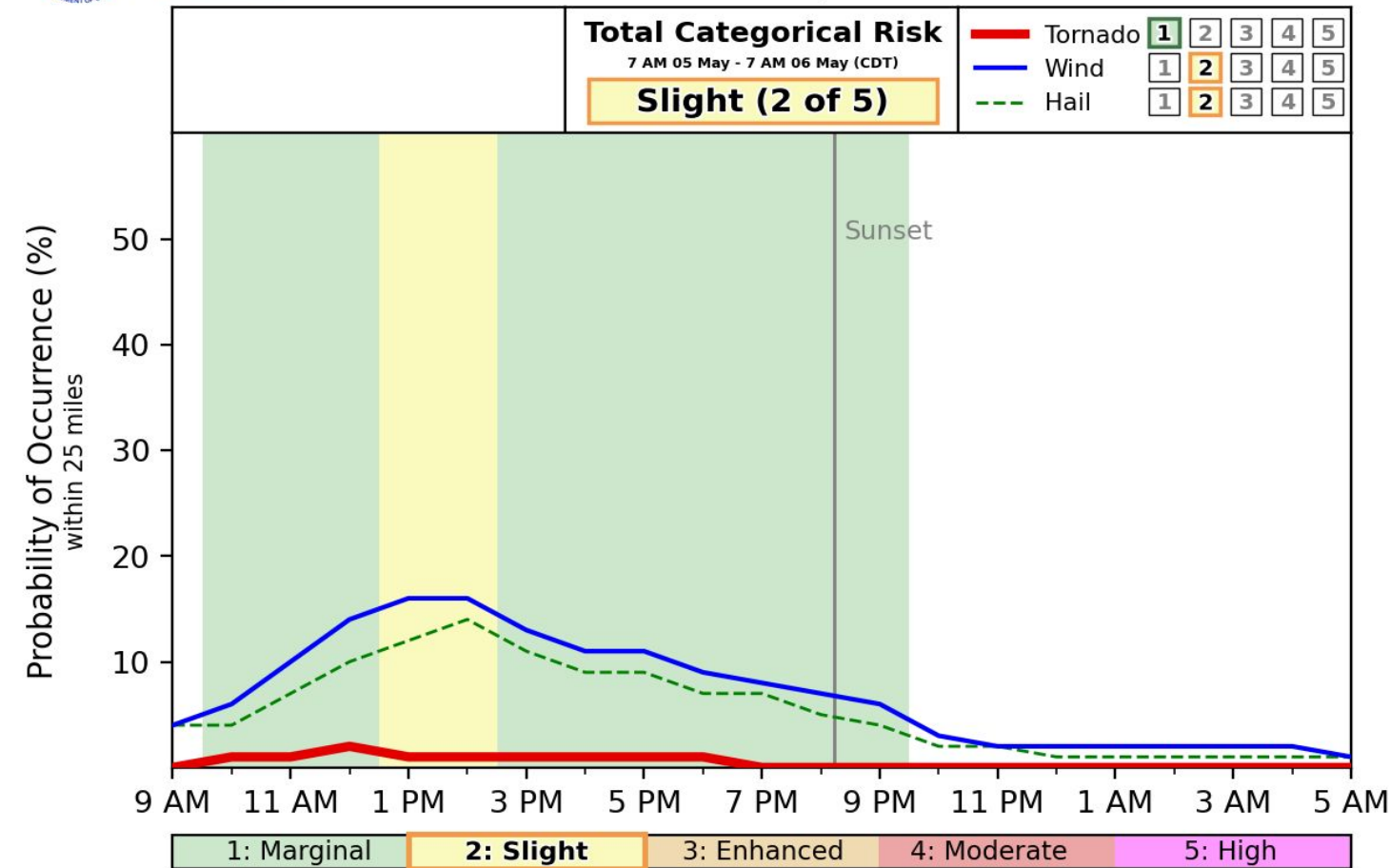
### 05 May 2024 Severe Weather Outlook Corpus Christi, Texas

Created: 1:06 AM



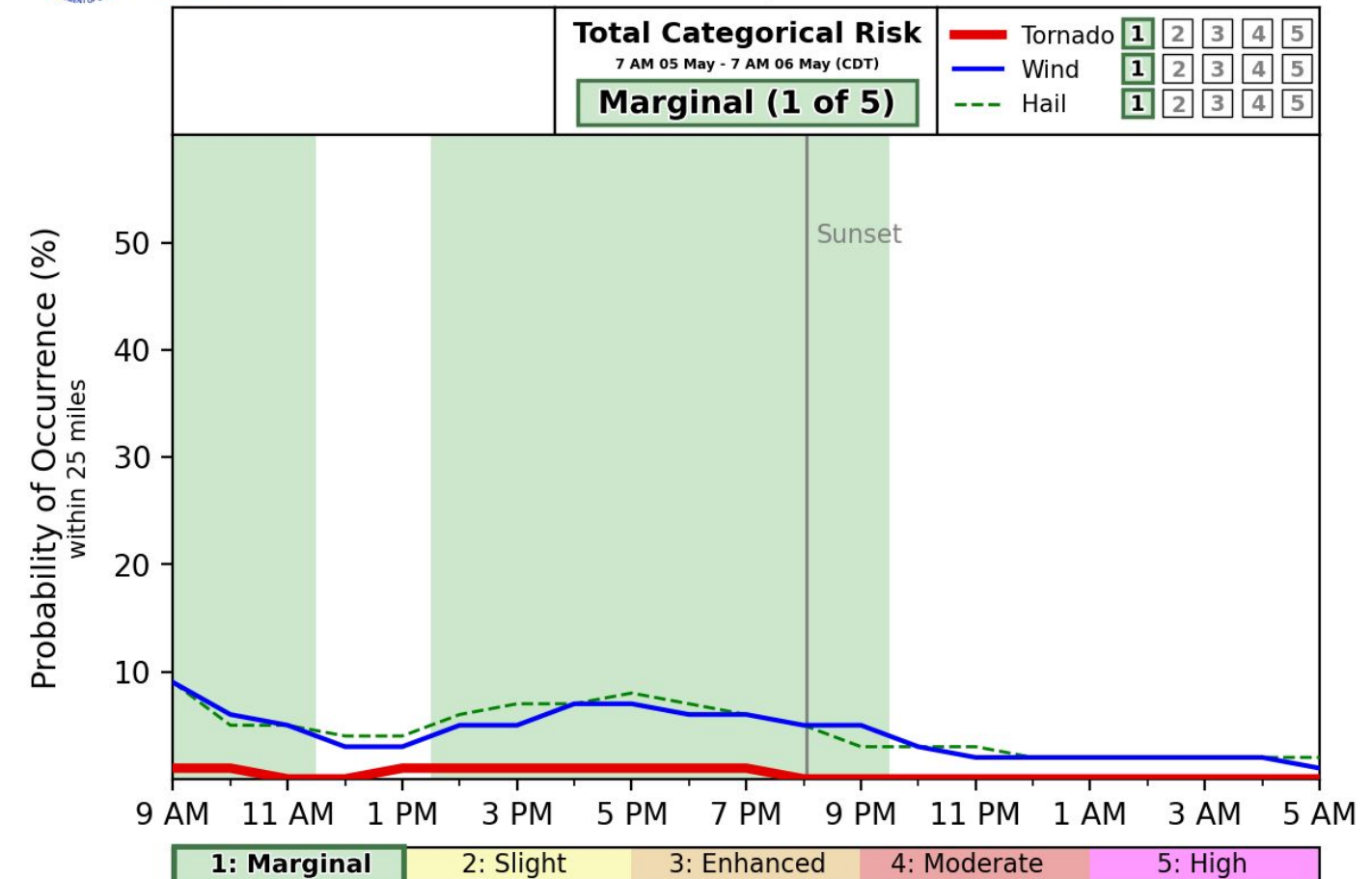
### 05 May 2024 Severe Weather Outlook San Antonio, Texas

Created: 1:06 AM



### 05 May 2024 Severe Weather Outlook Houston, Texas

Created: 1:06 AM

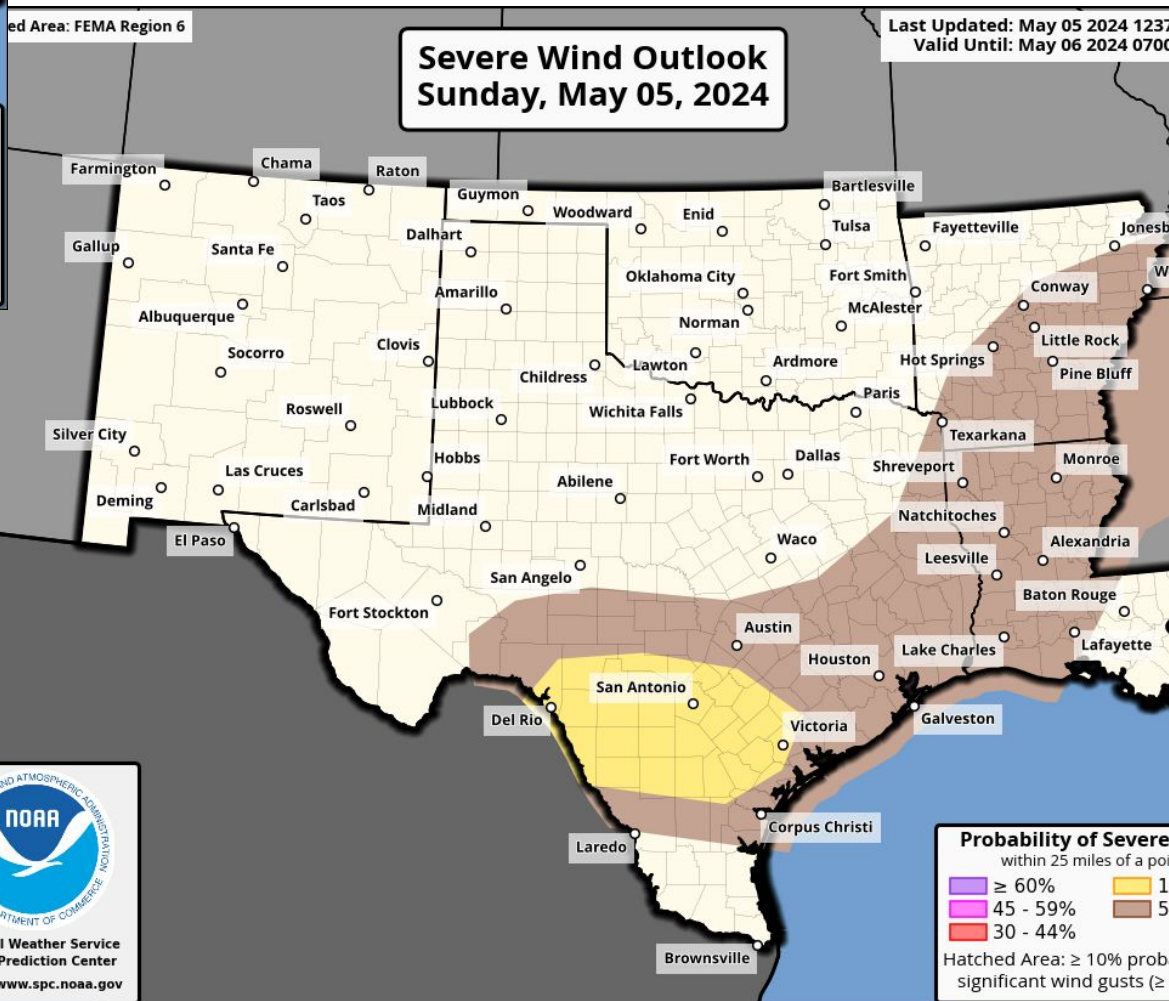
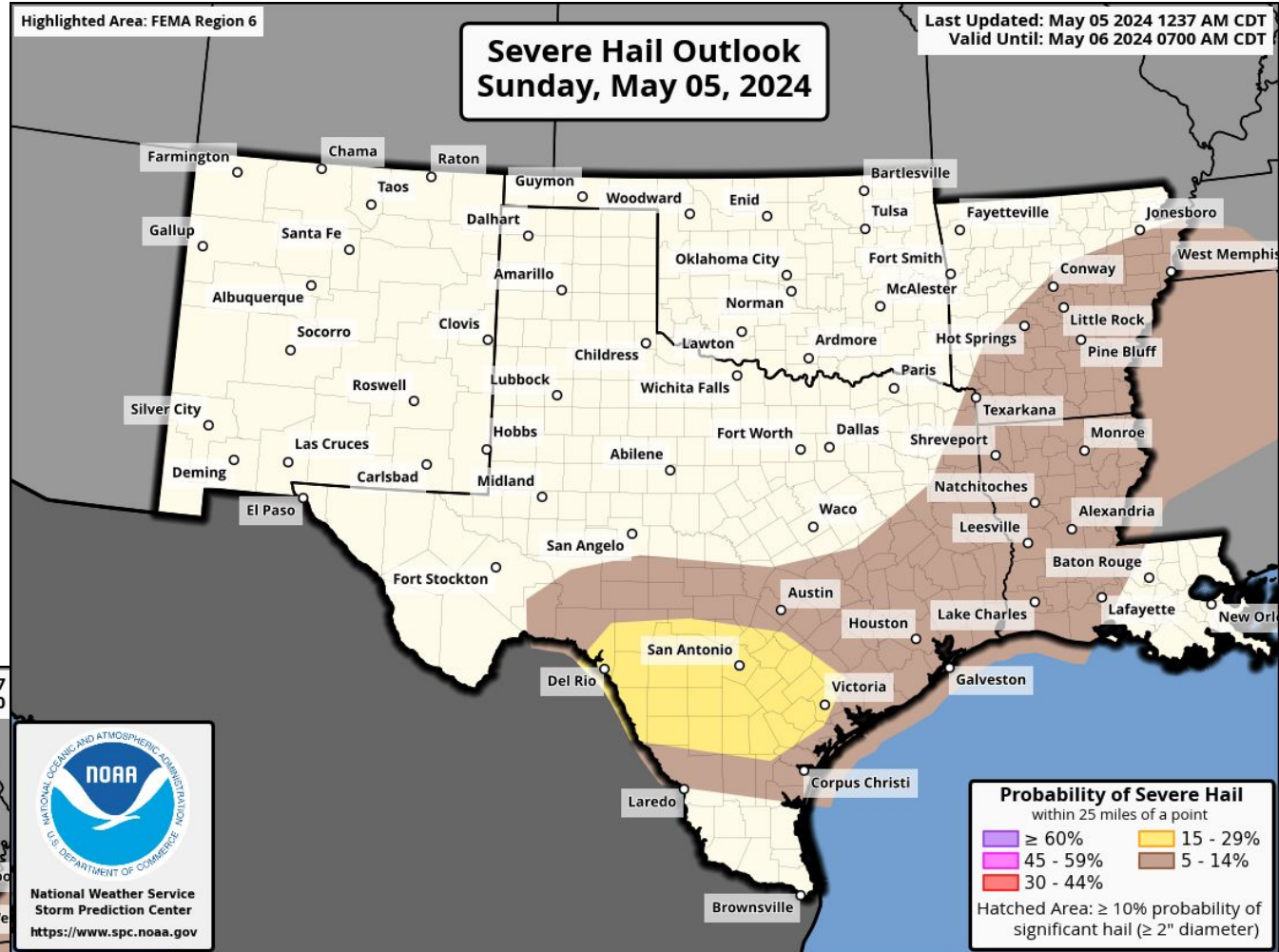
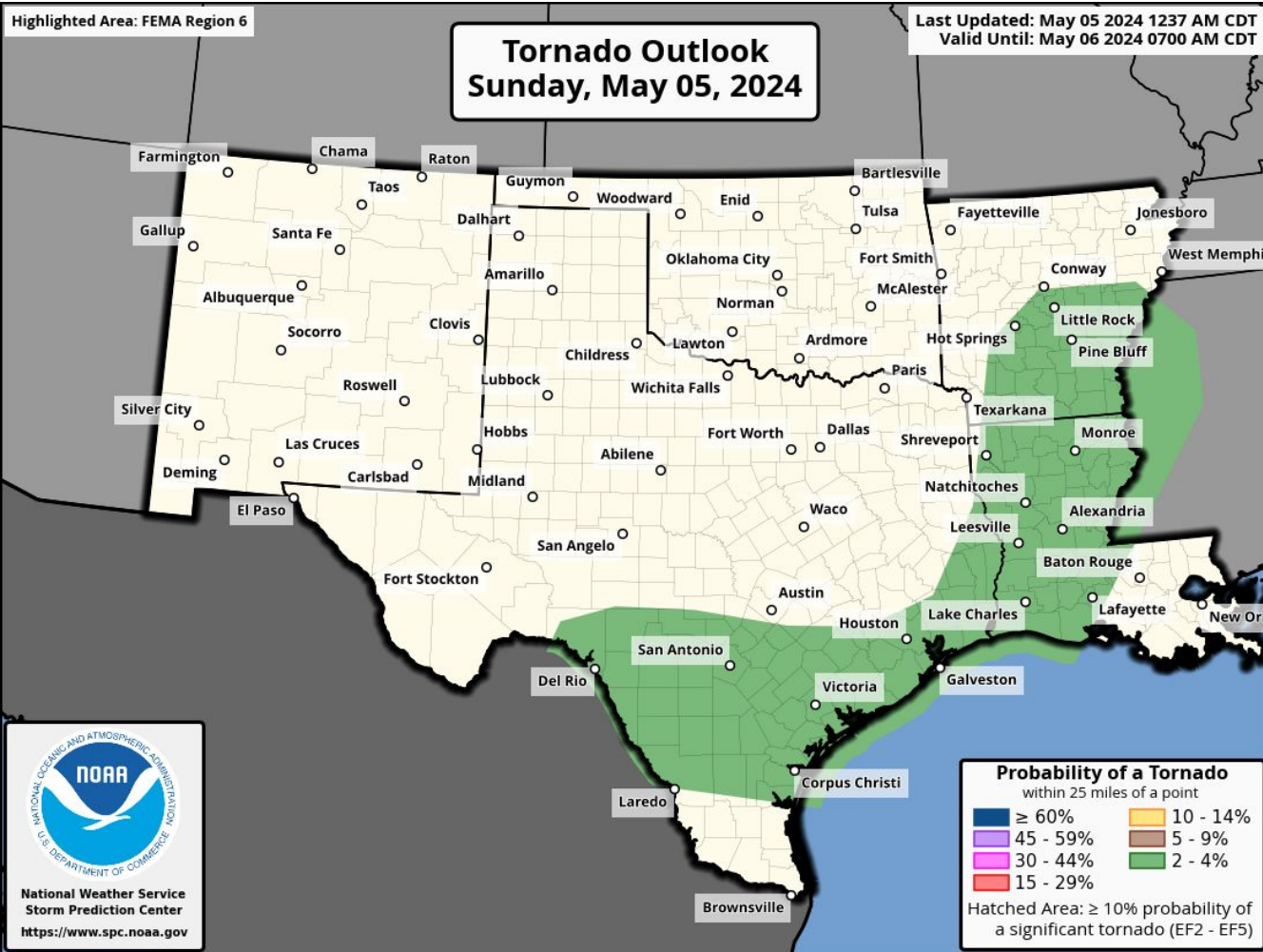






# Today's Tornado & Severe Wind / Hail Probabilities

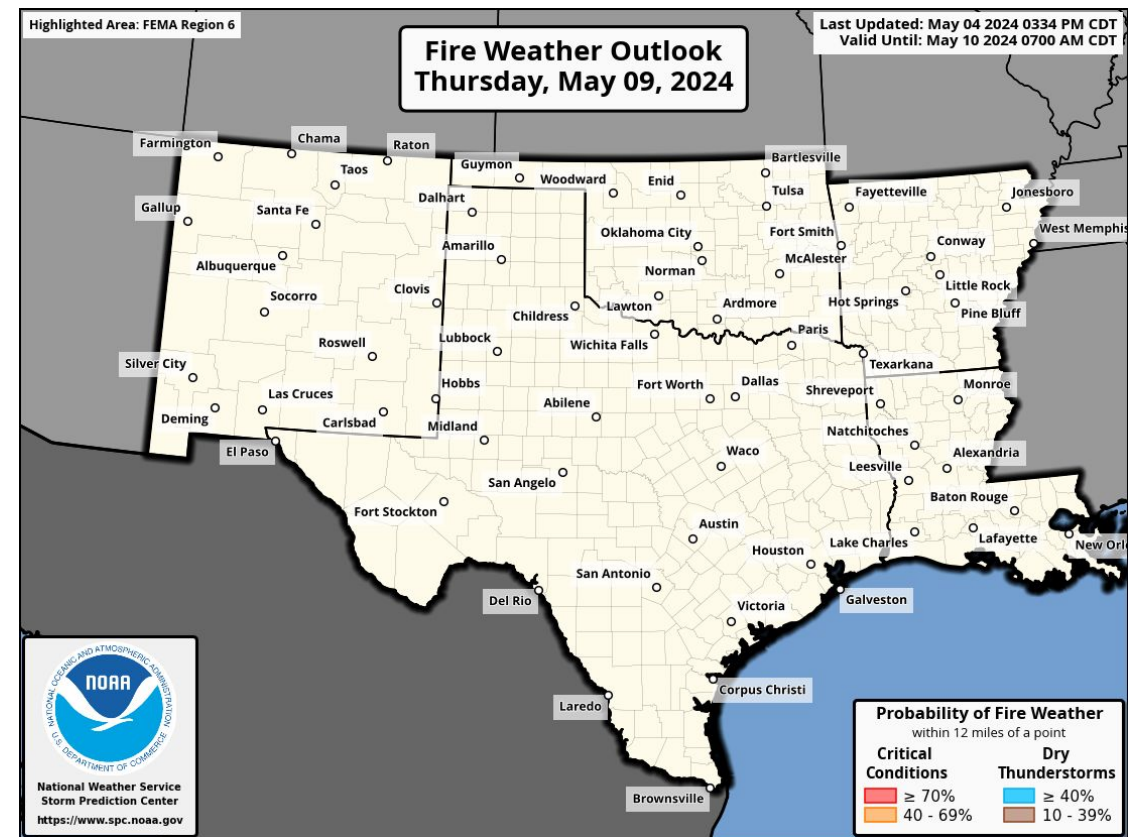
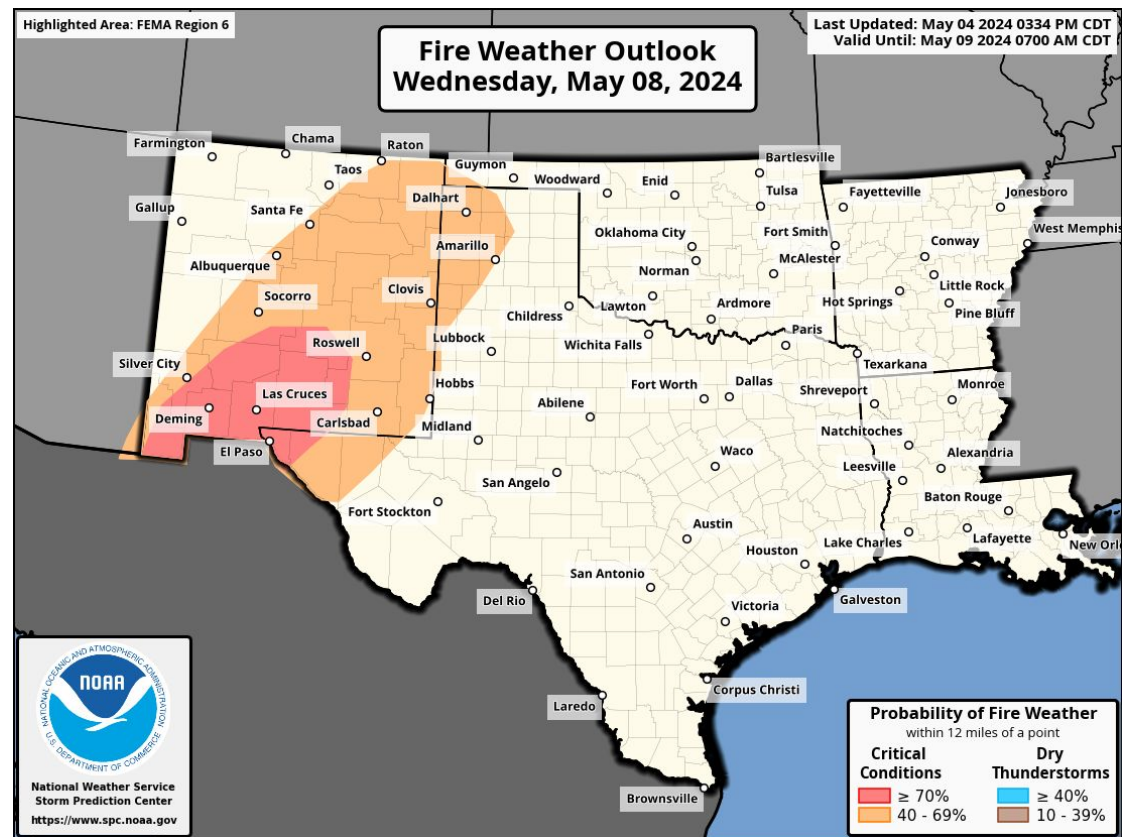
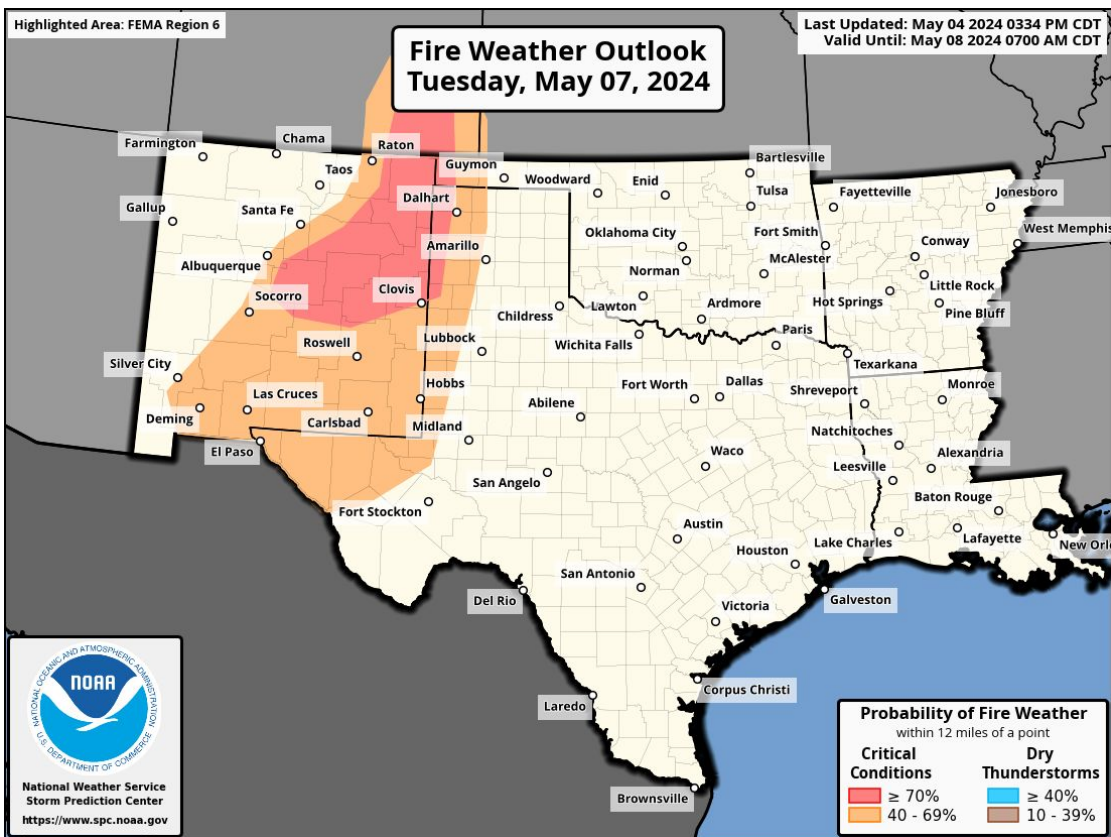
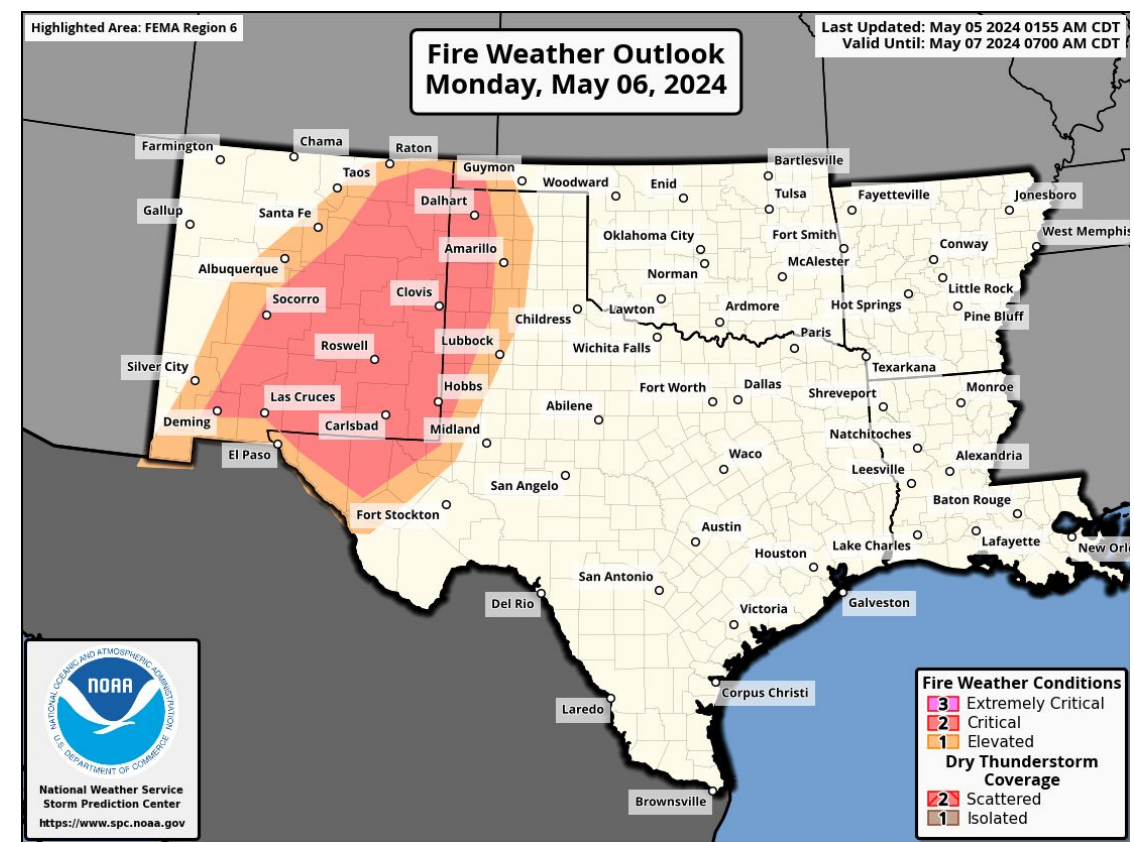
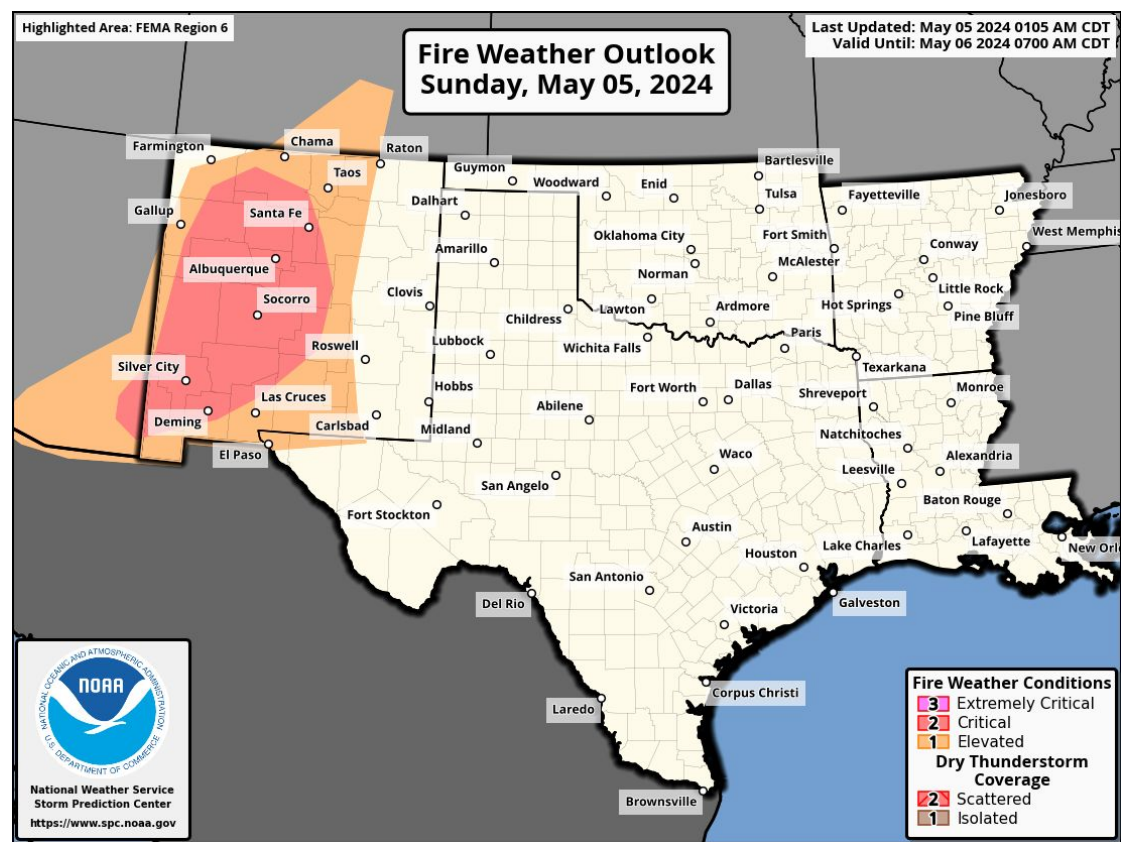
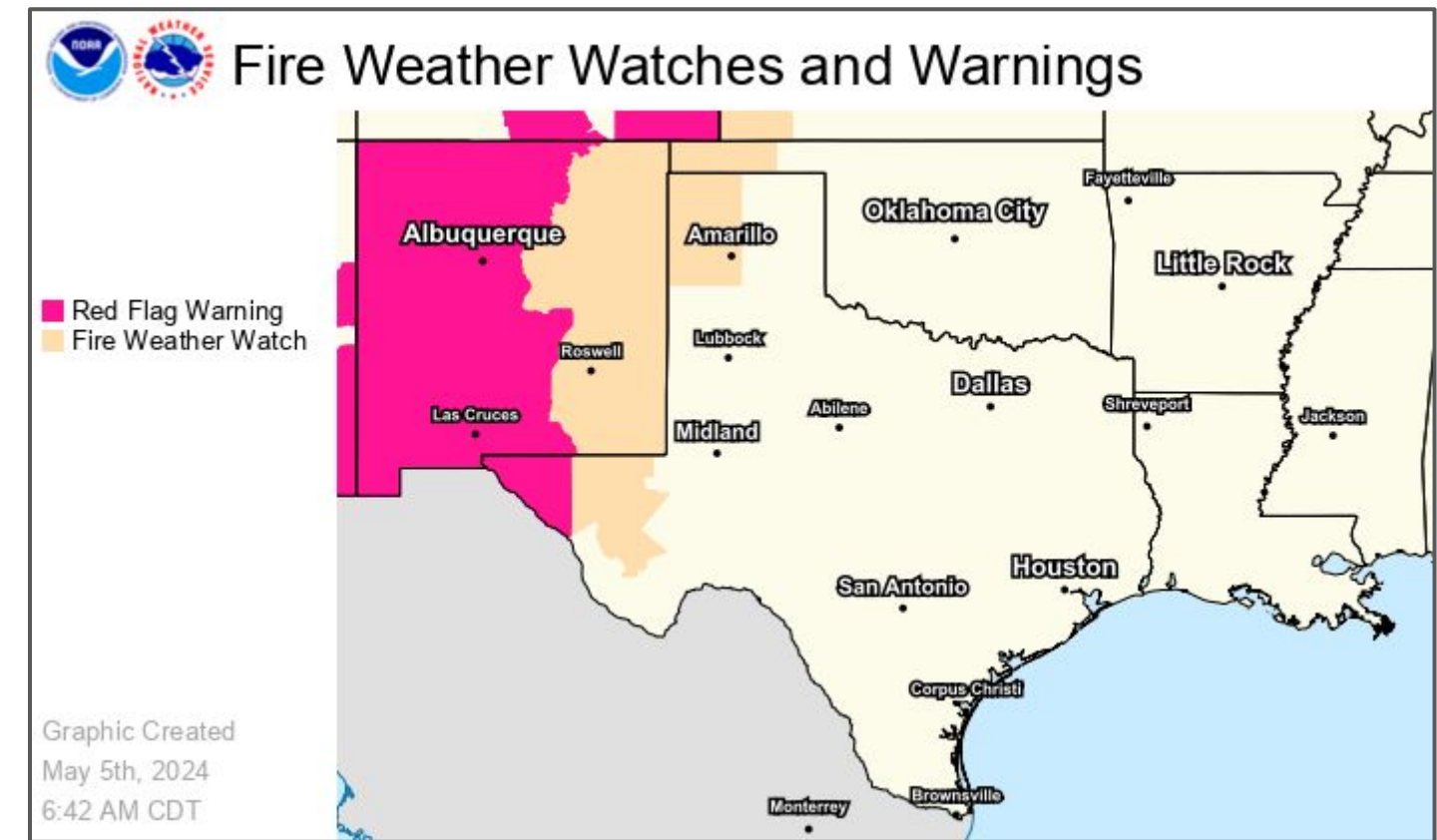
May 5, 2024







# Fire Weather Outlooks



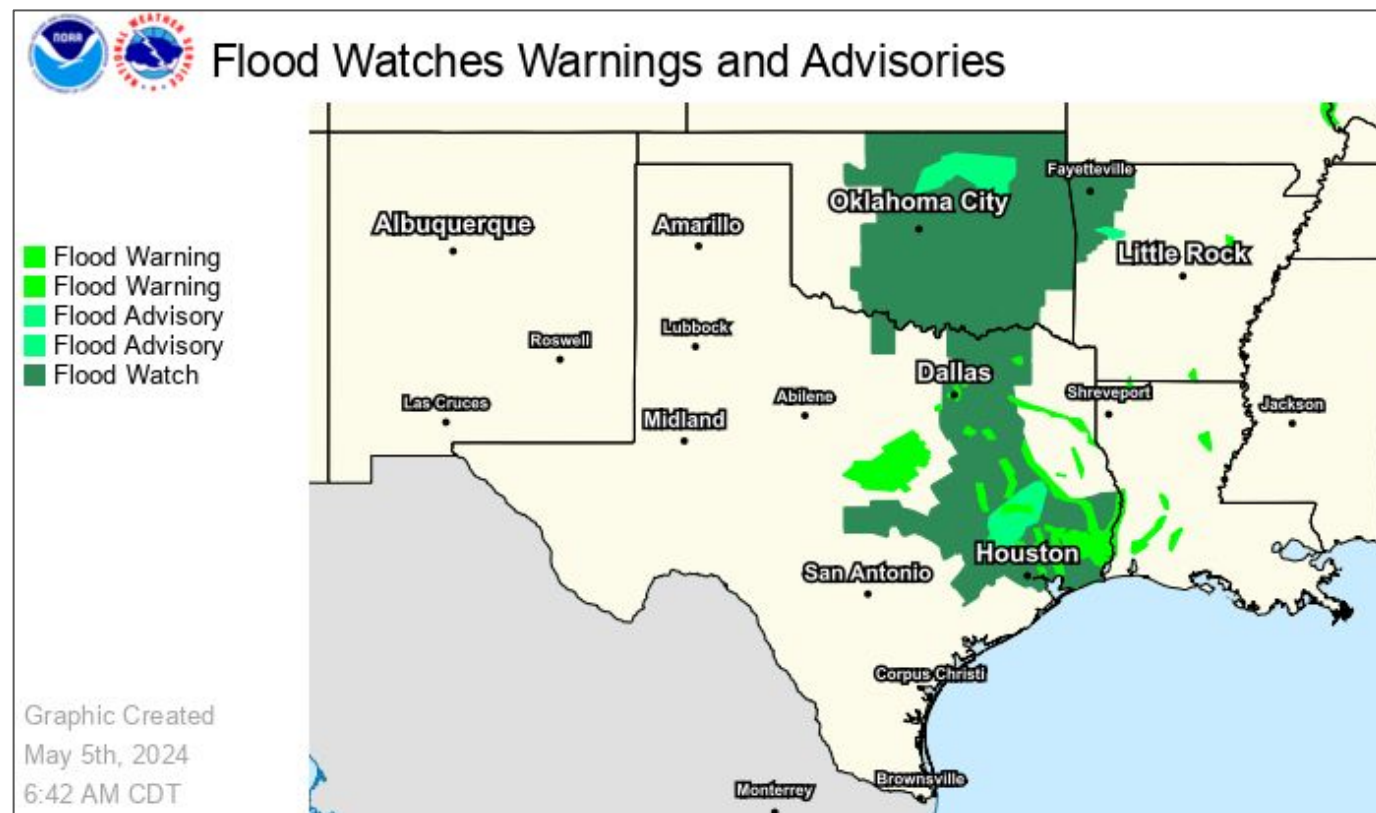
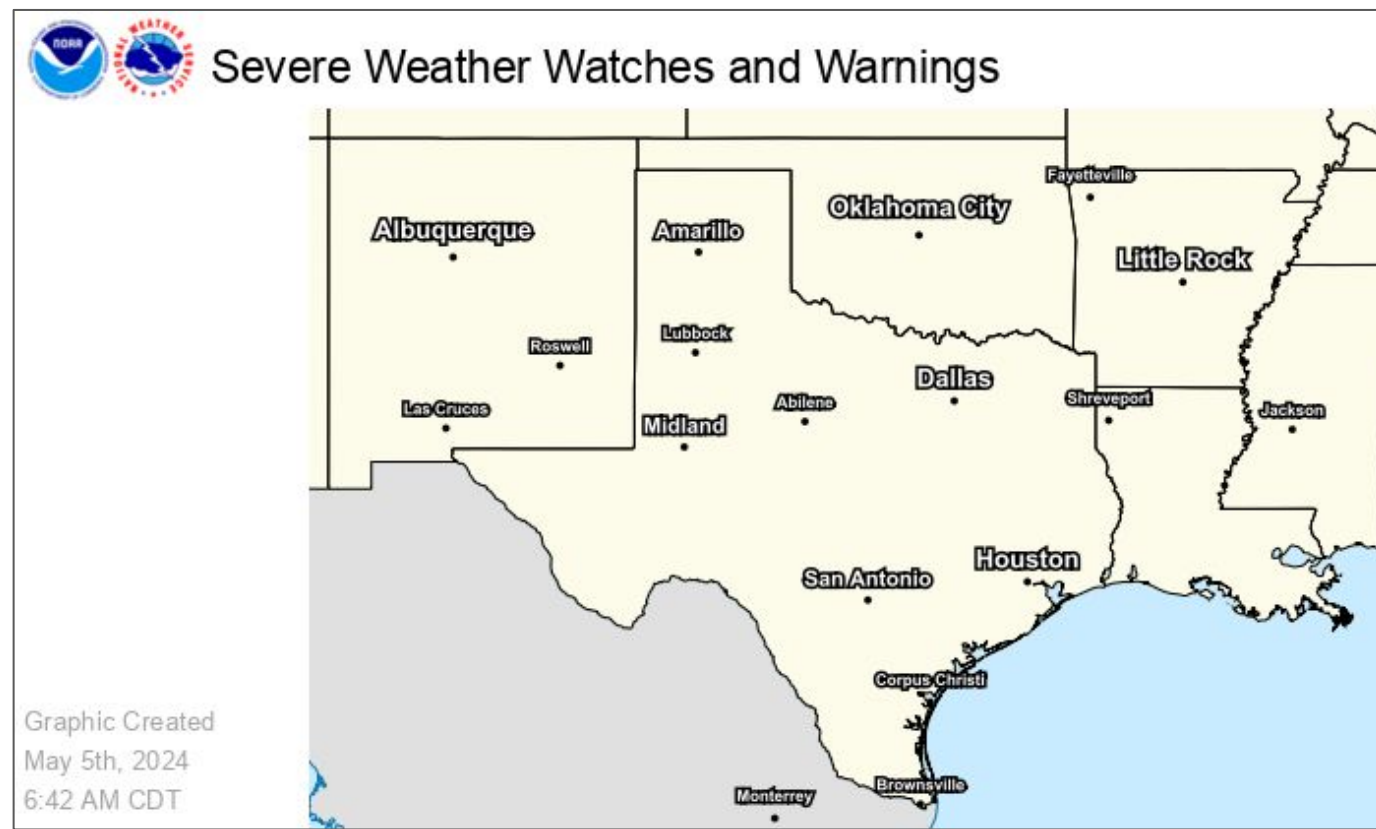
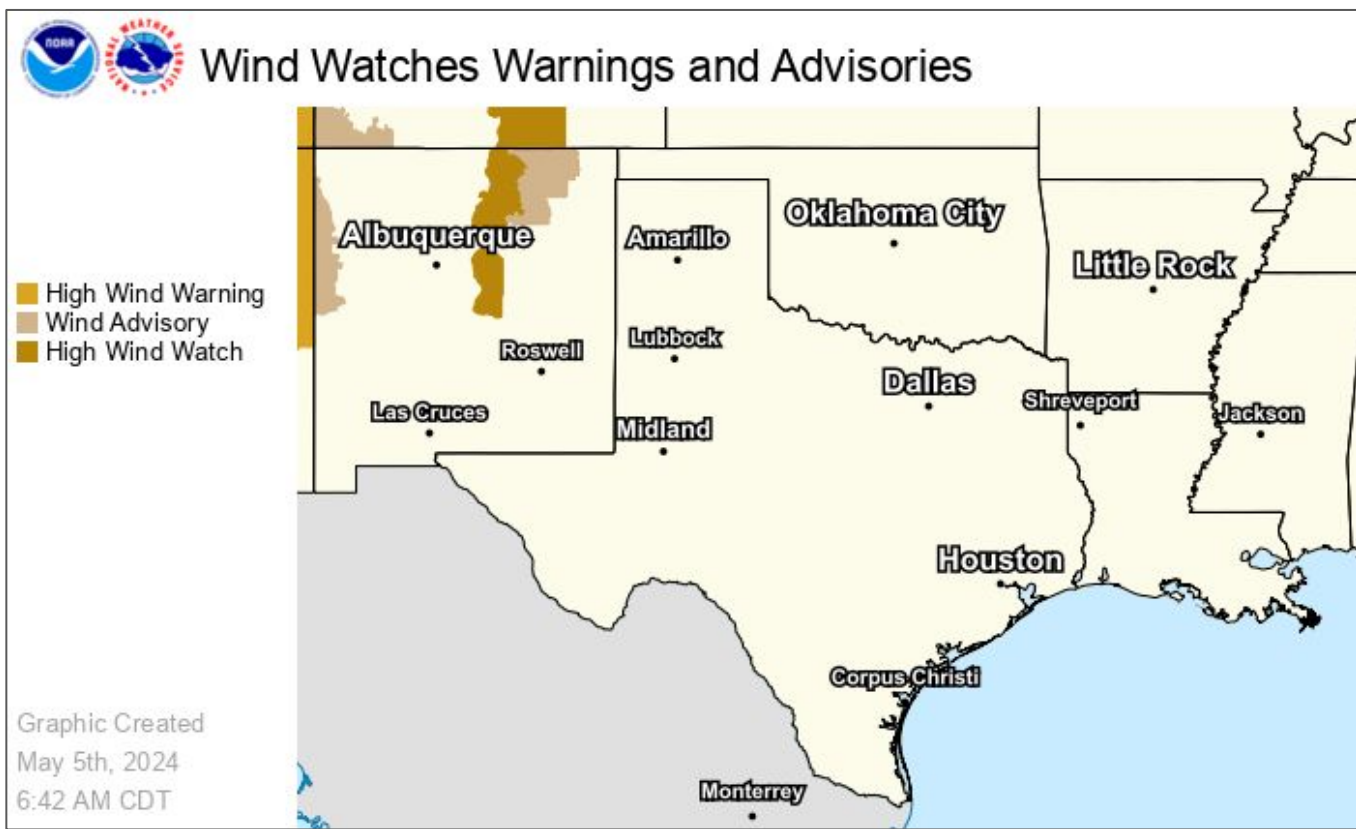




# Watches, Warnings, and Advisories

## Wind, Severe, Winter, and Flood Hazards

**A Flood Watch is in effect across OK, TX, NW AR through this afternoon.**

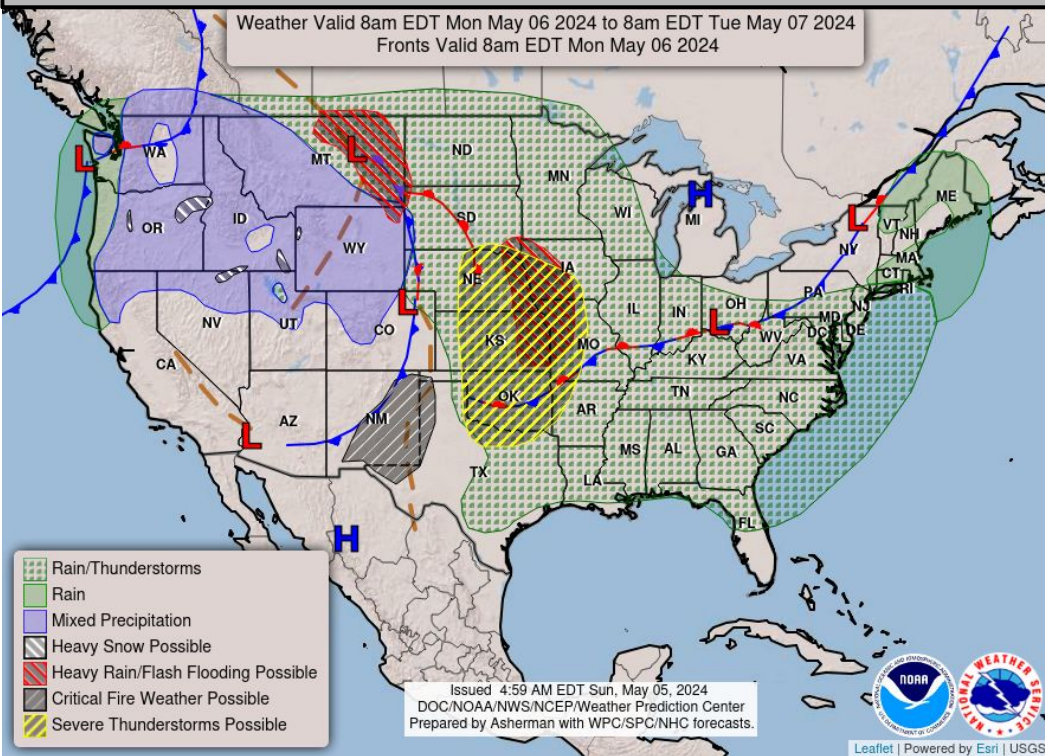




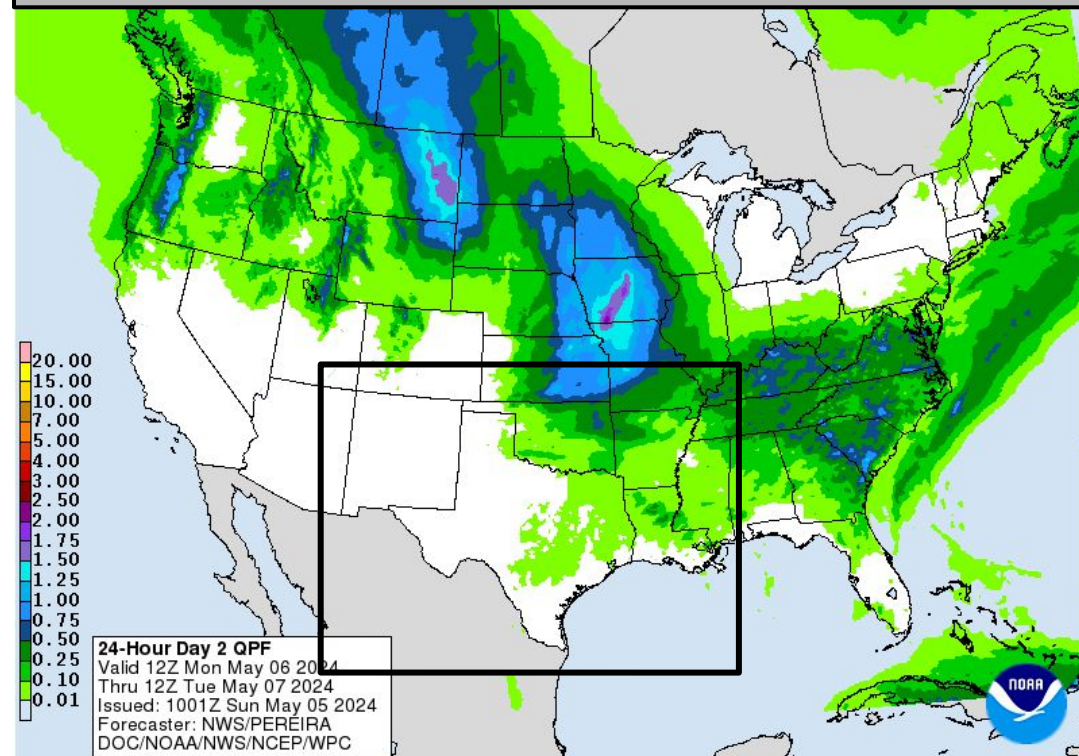


# Tomorrow's Weather

## Forecast Chart



## Forecast Rainfall



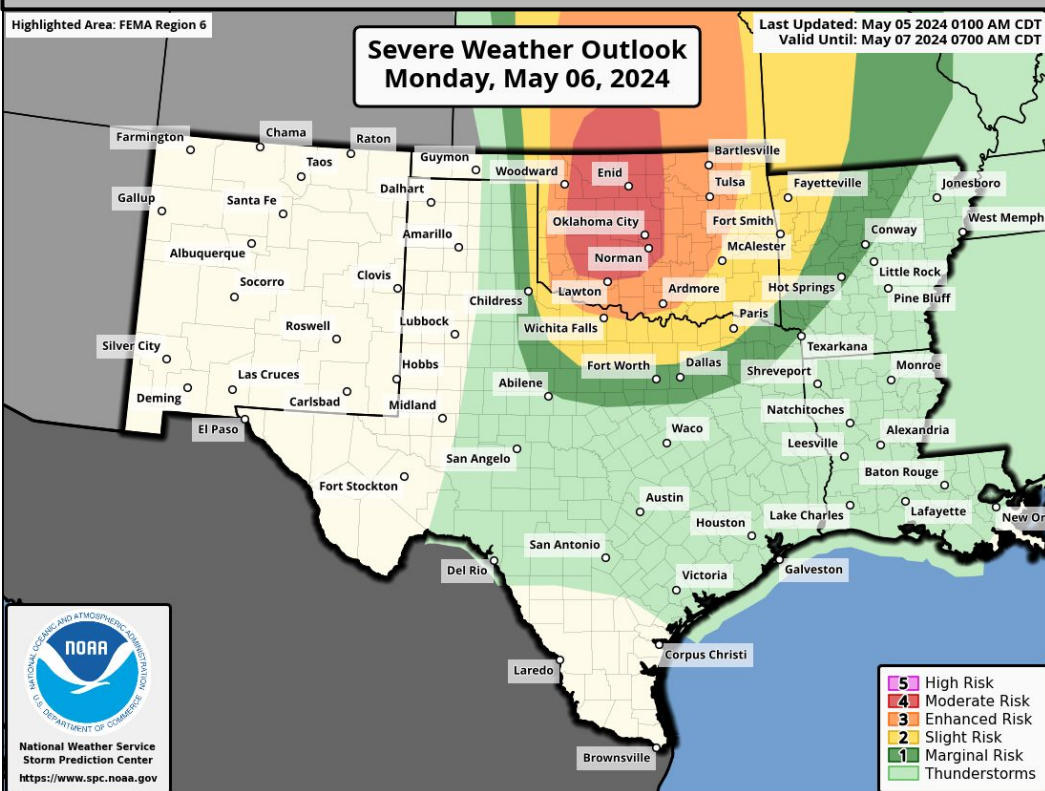
**Moderate risk of severe thunderstorms for OK.**

**Elevated to critical fire weather conditions for NM, Far W TX, TX/OK Panhandles.**

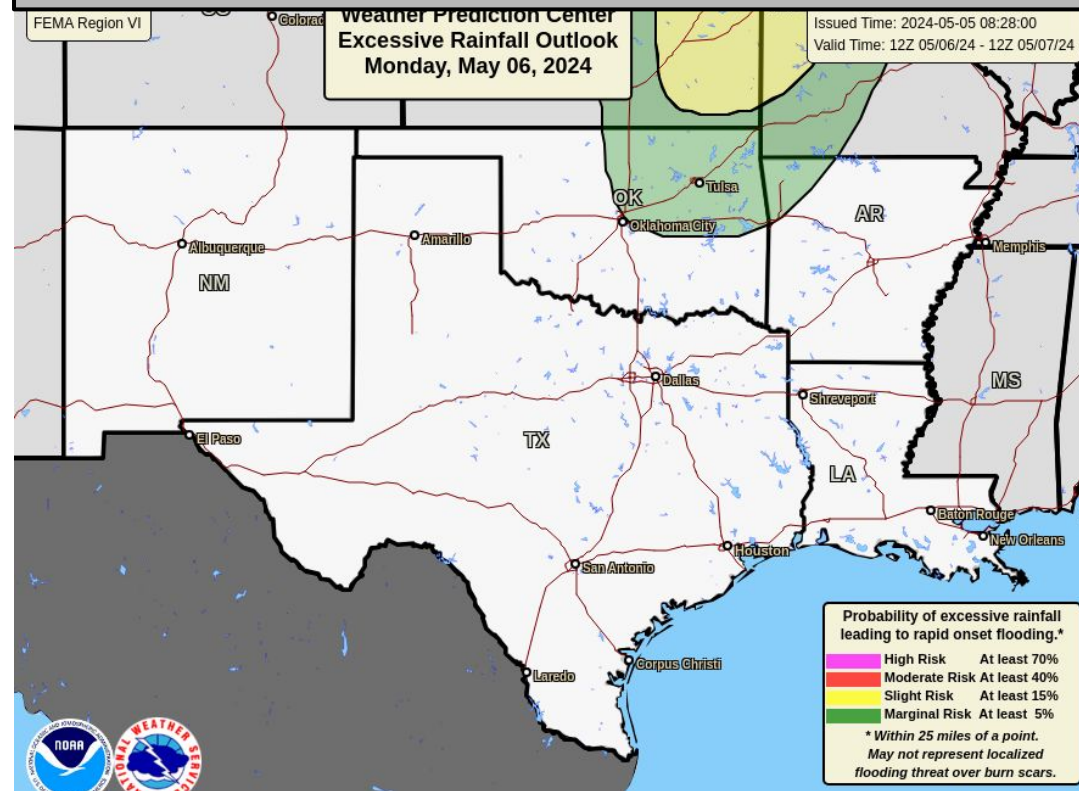
**Marginal risk of excessive rainfall/flash flooding across N OK, NE AR.**

**Early season heat builds across S TX.**

## Severe Weather Outlook



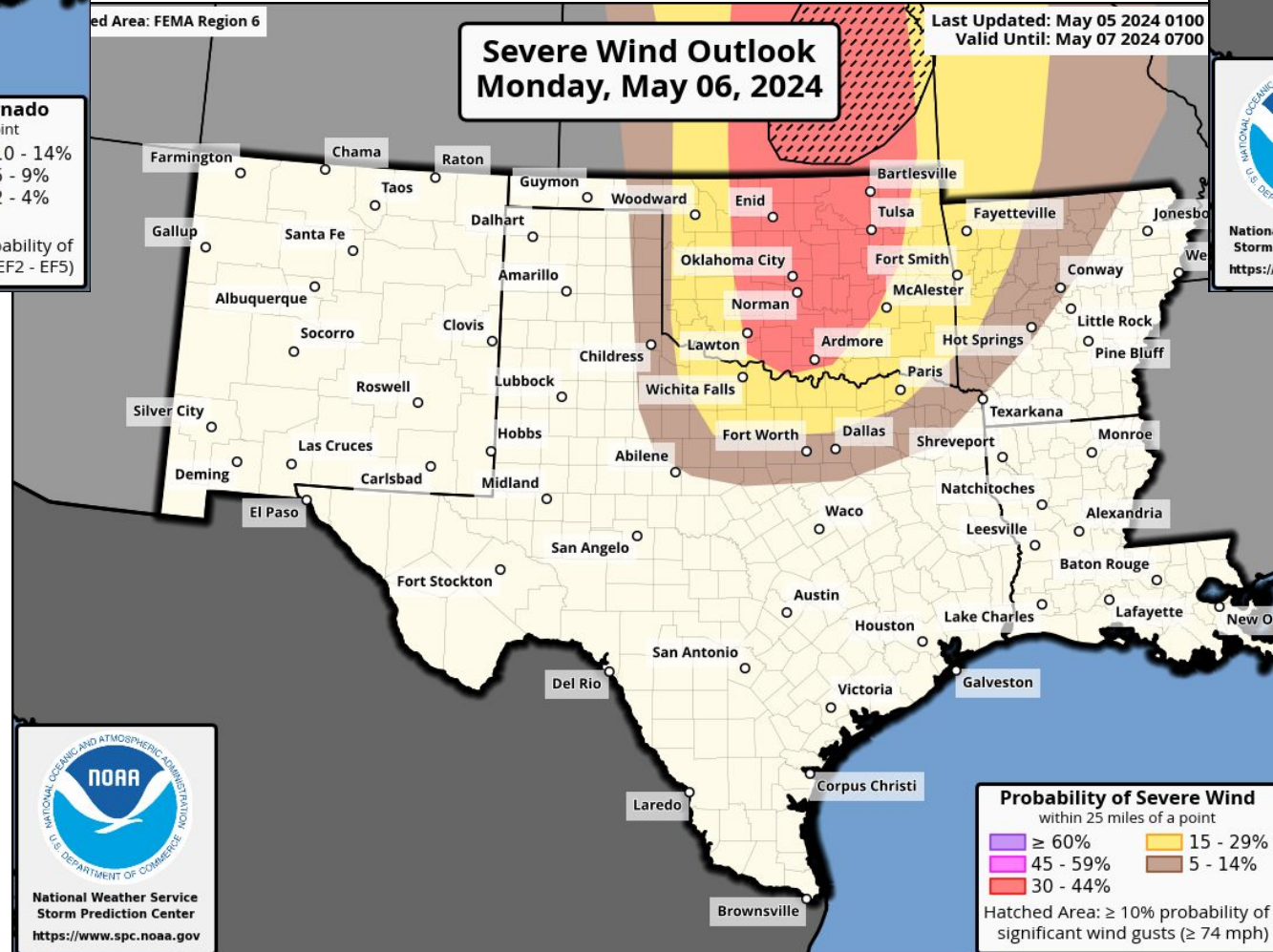
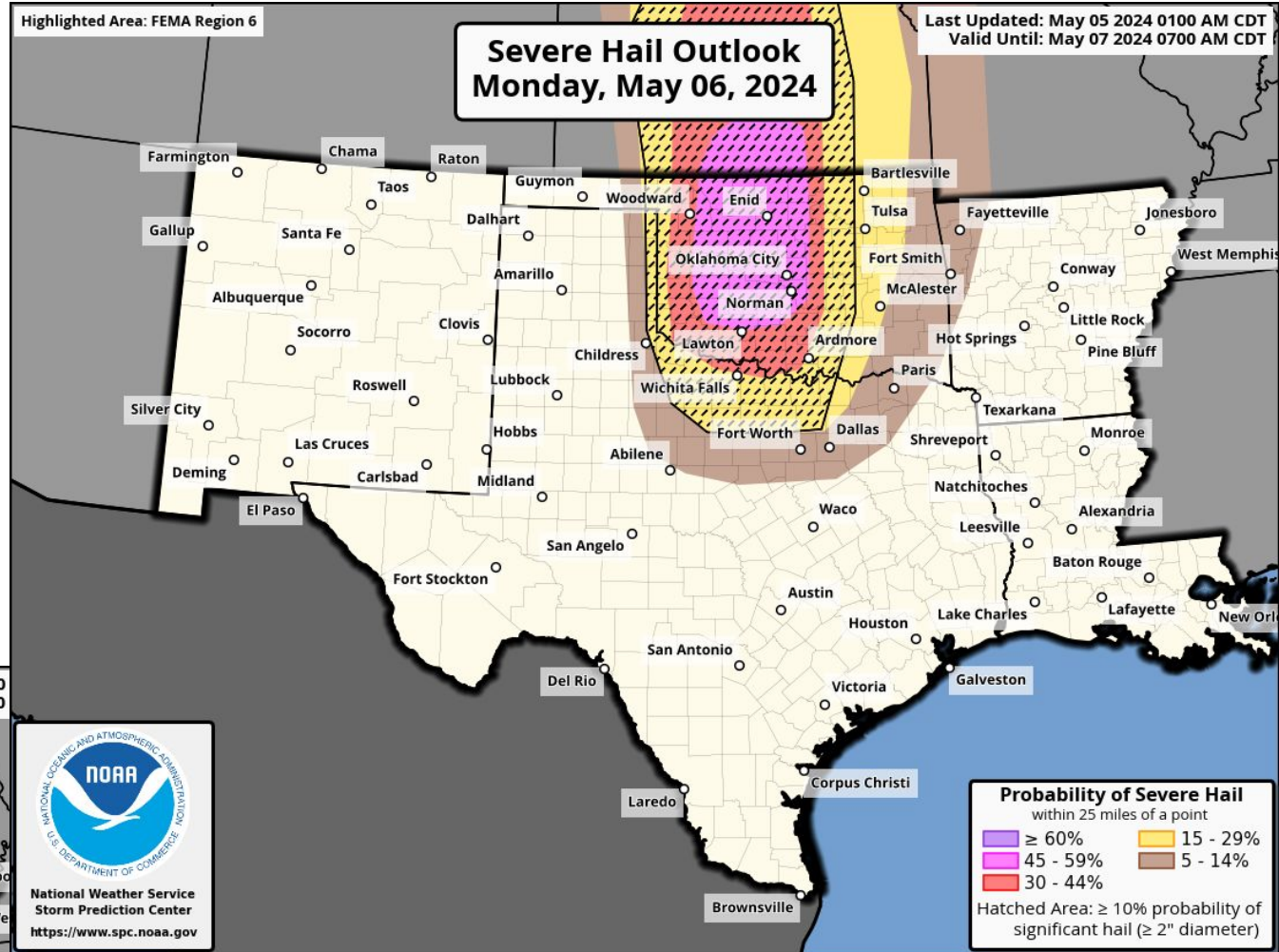
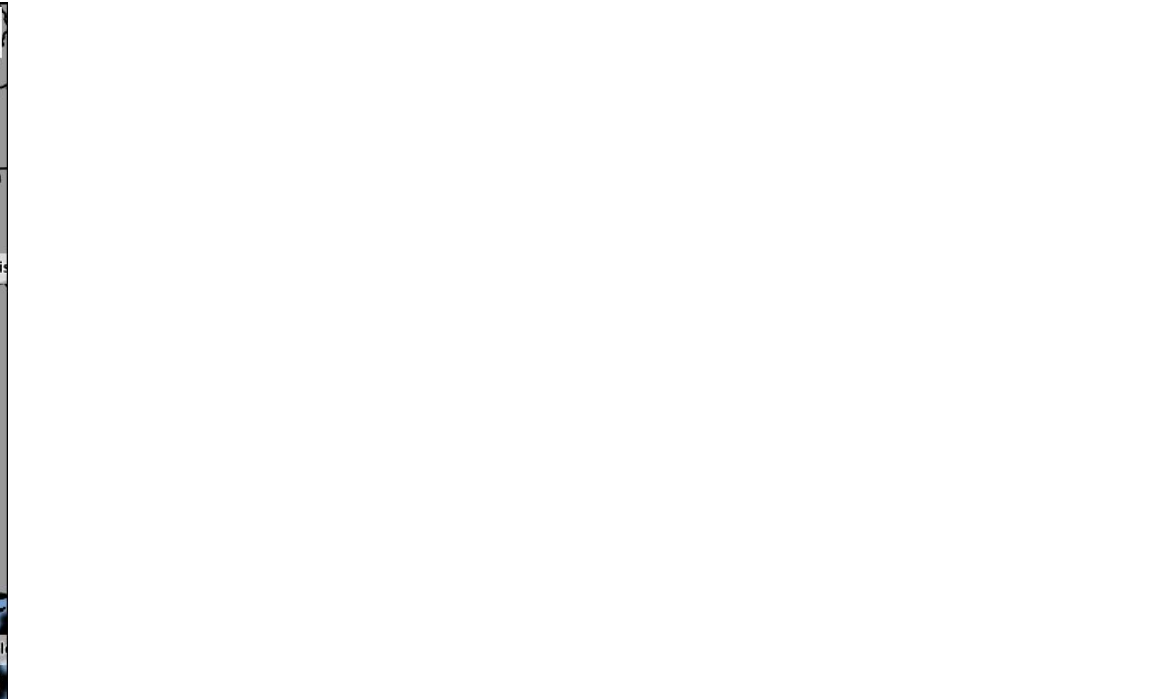
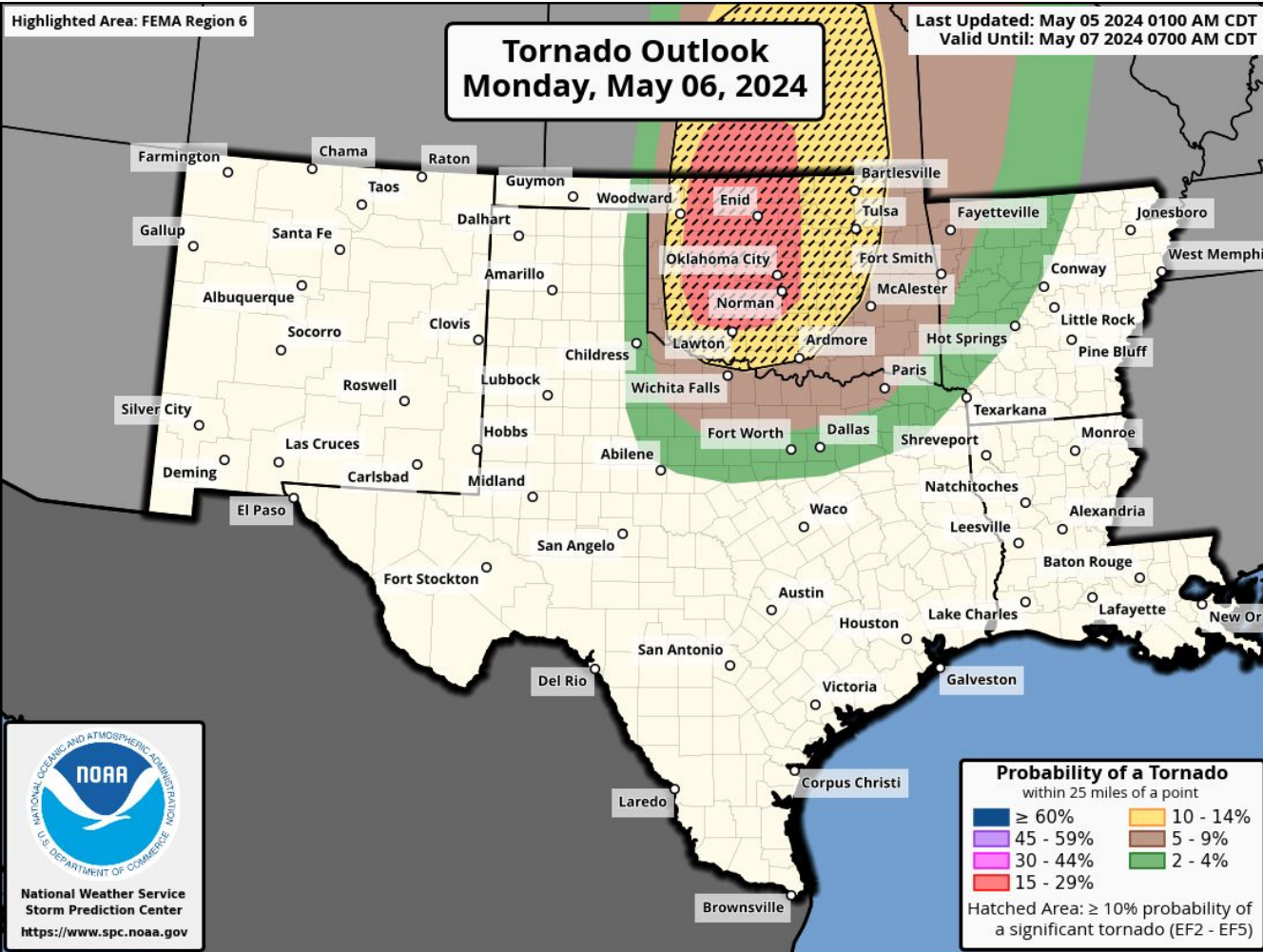
## Excessive Rainfall Outlook







# Tomorrow's Tornado & Severe Wind / Hail Probabilities

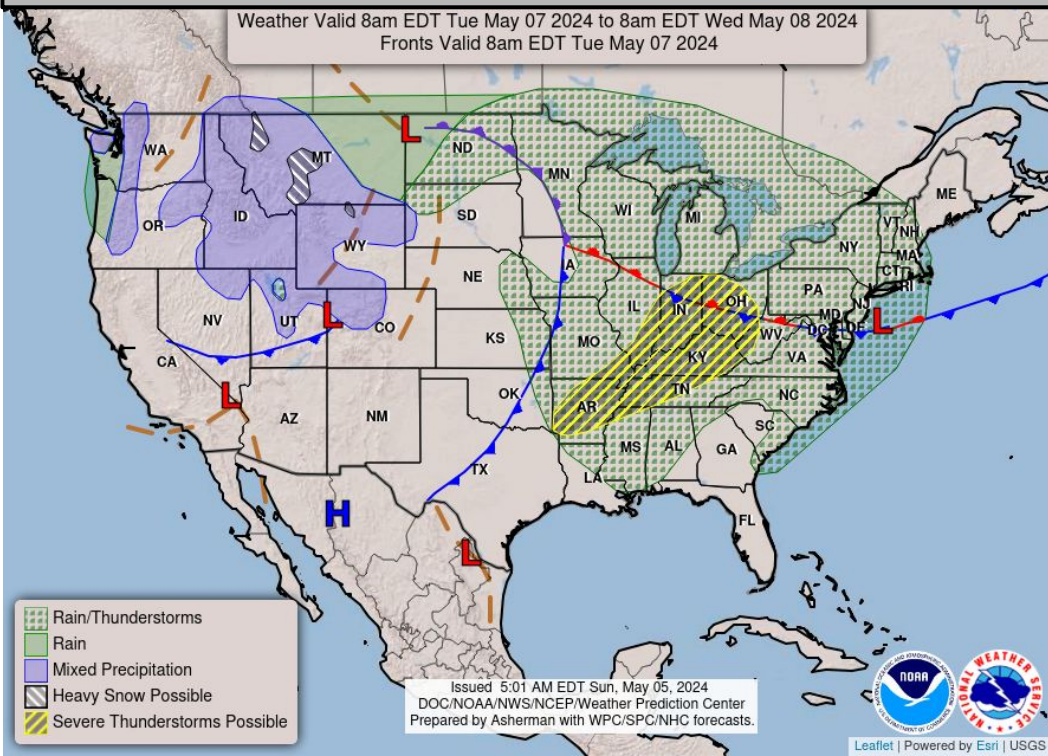




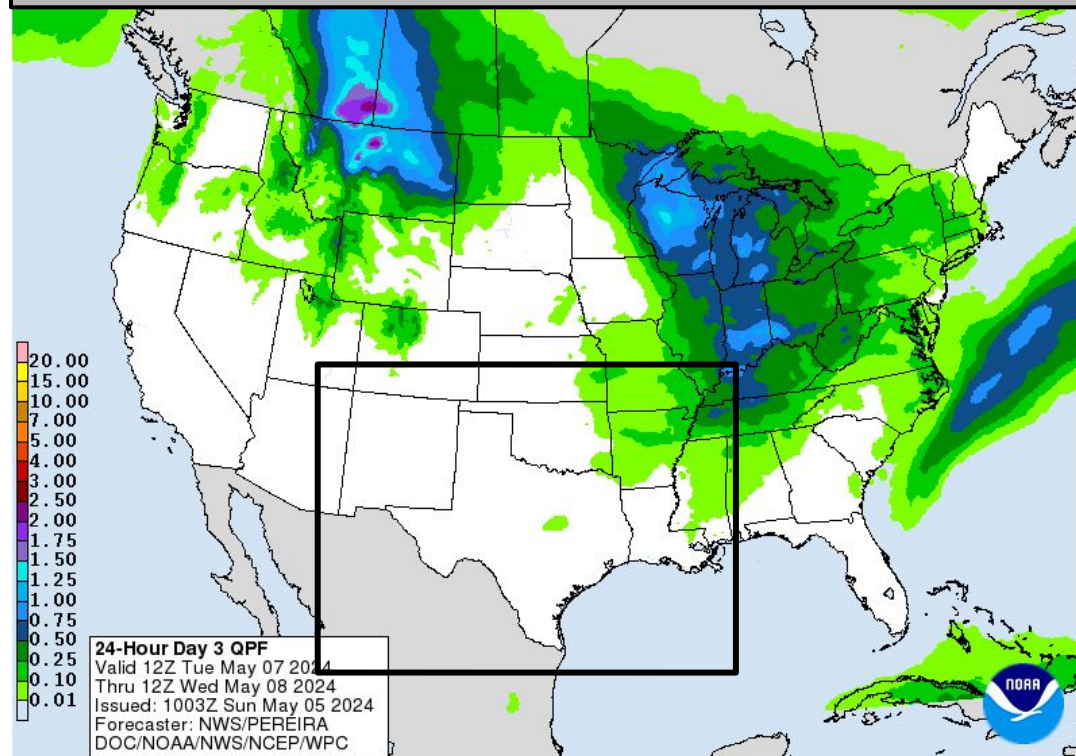


# Tuesday's Weather

## Forecast Chart



## Forecast Rainfall

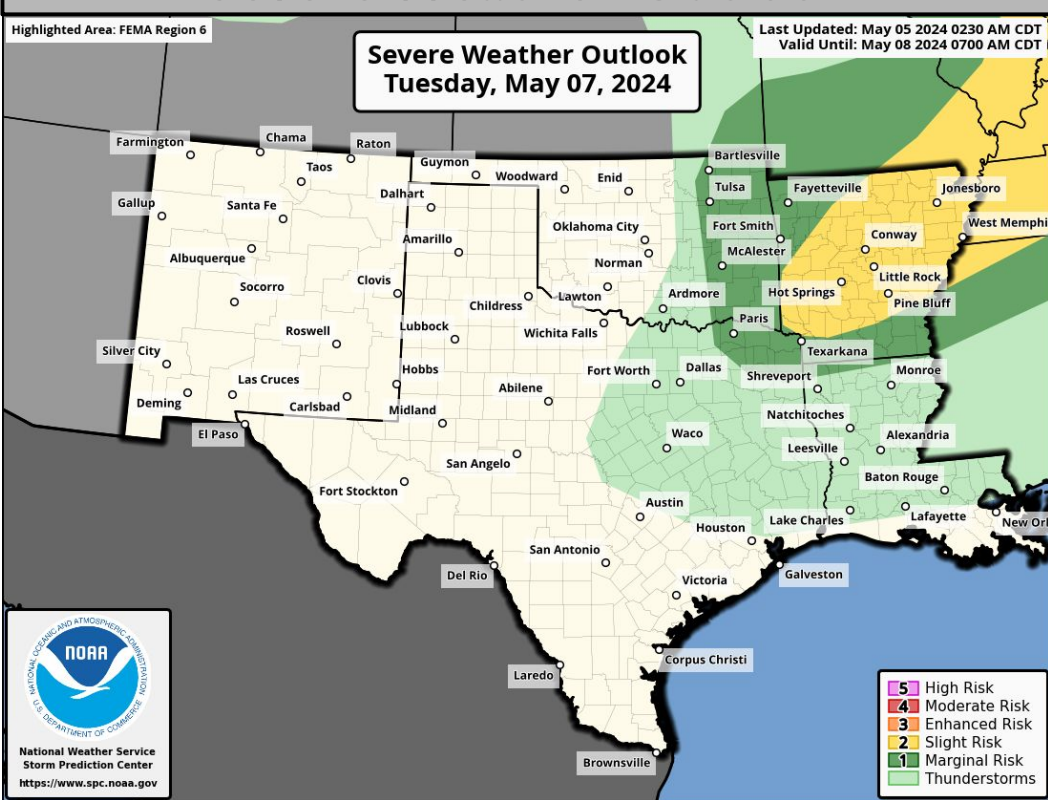


**Slight risk of severe thunderstorms for AR.**

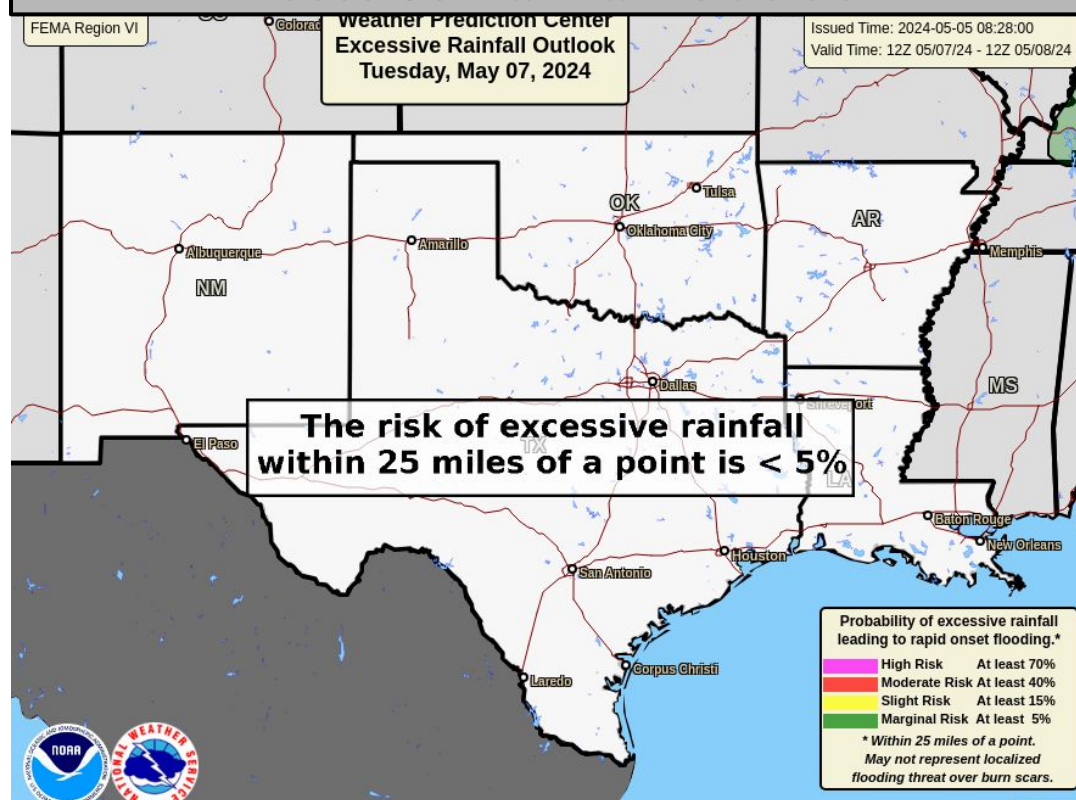
**Elevated to critical fire weather conditions for NM, Far WTX, TX/OK Panhandles.**

**Early season heat across S/SETX.**

## Severe Weather Outlook



## Excessive Rainfall Outlook

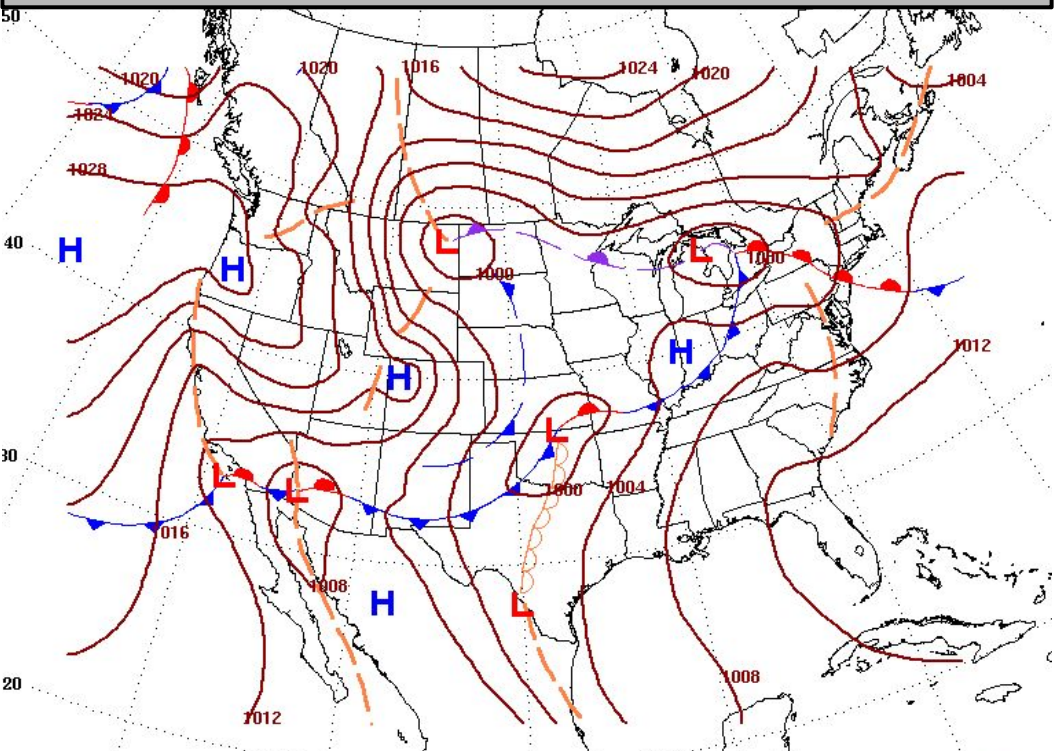




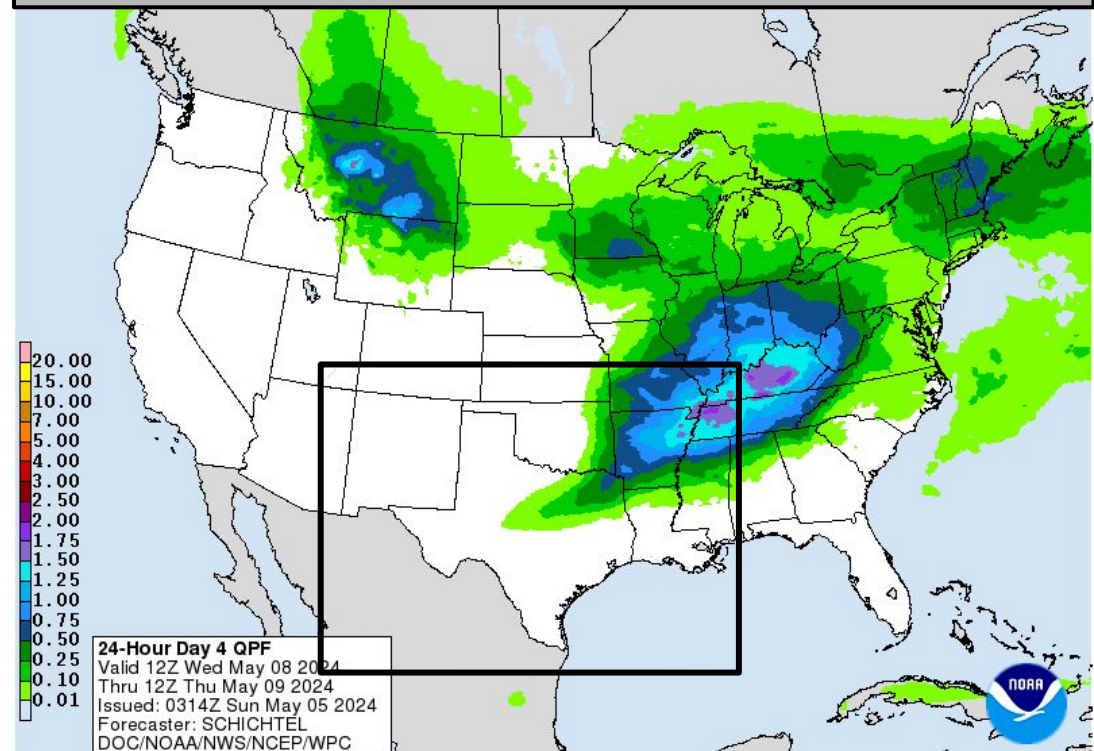


# Wednesday's Weather

### Forecast Chart



### Forecast Rainfall



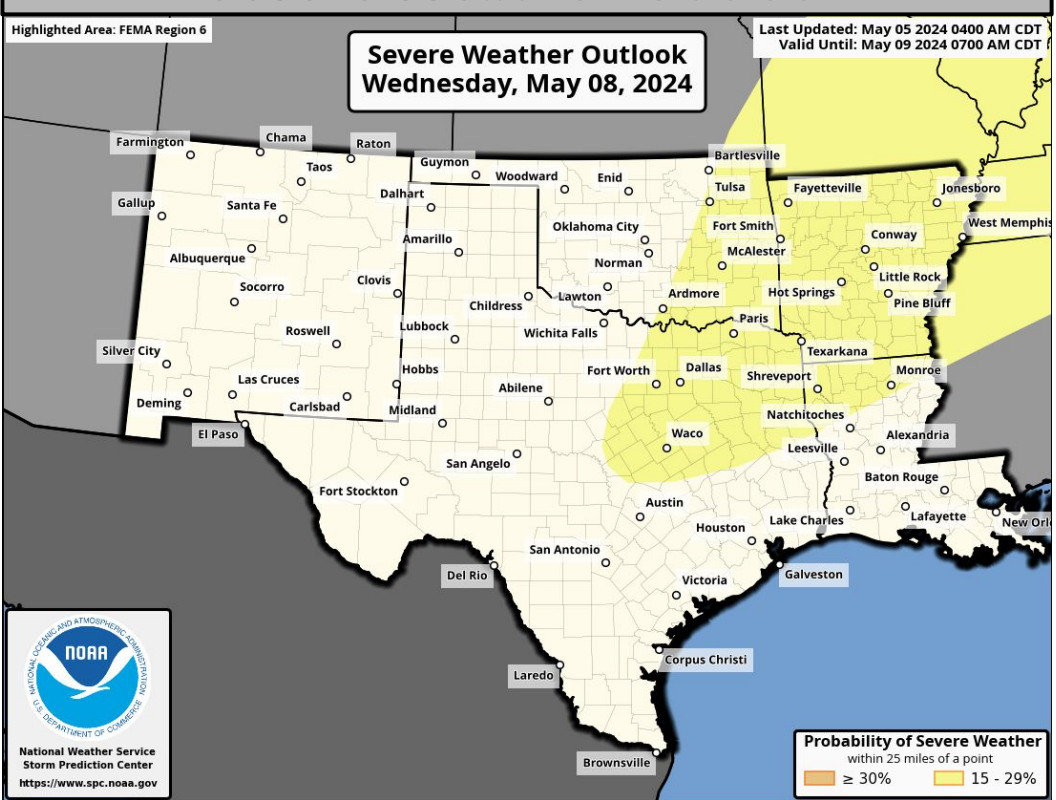
**Slight risk of severe thunderstorms for NETX, S/E OK, AR, NW LA.**

**Slight risk of excessive rainfall/flash flooding across E AR.**

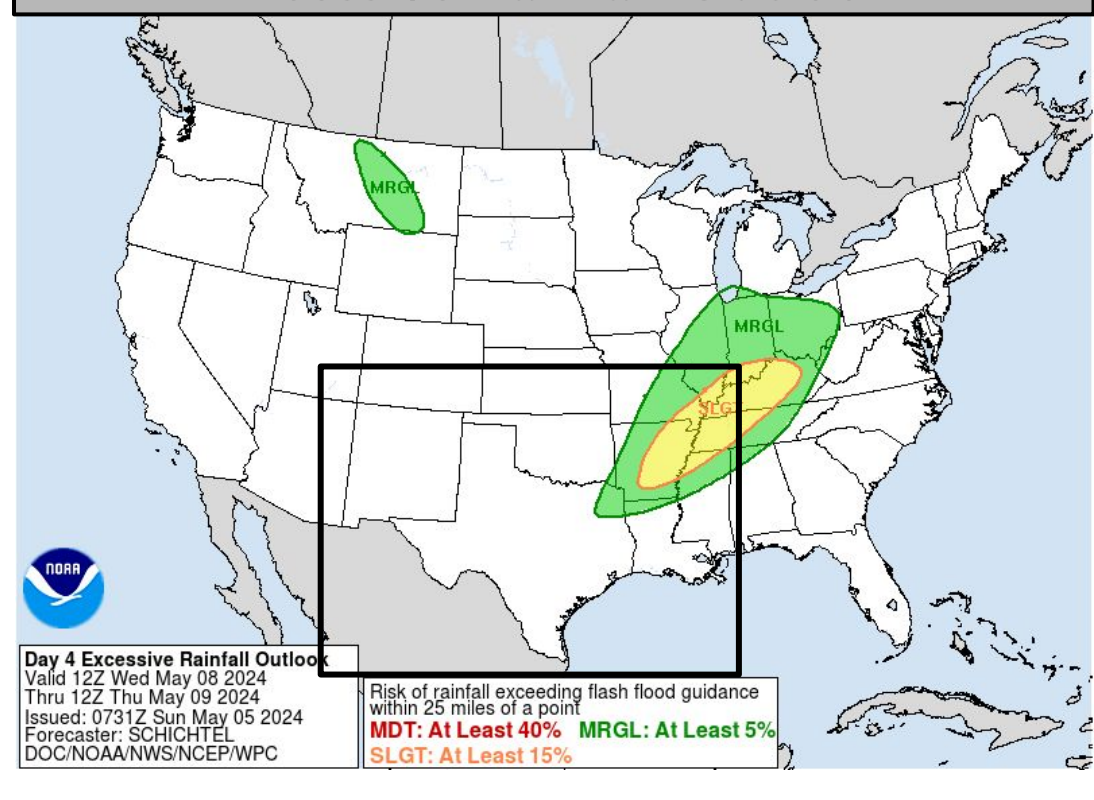
**Early season heat across S/SE TX.**

**Elevated to critical fire weather conditions for NM, Far W TX, TX/OK Panhandles.**

### Severe Weather Outlook



### Excessive Rainfall Outlook

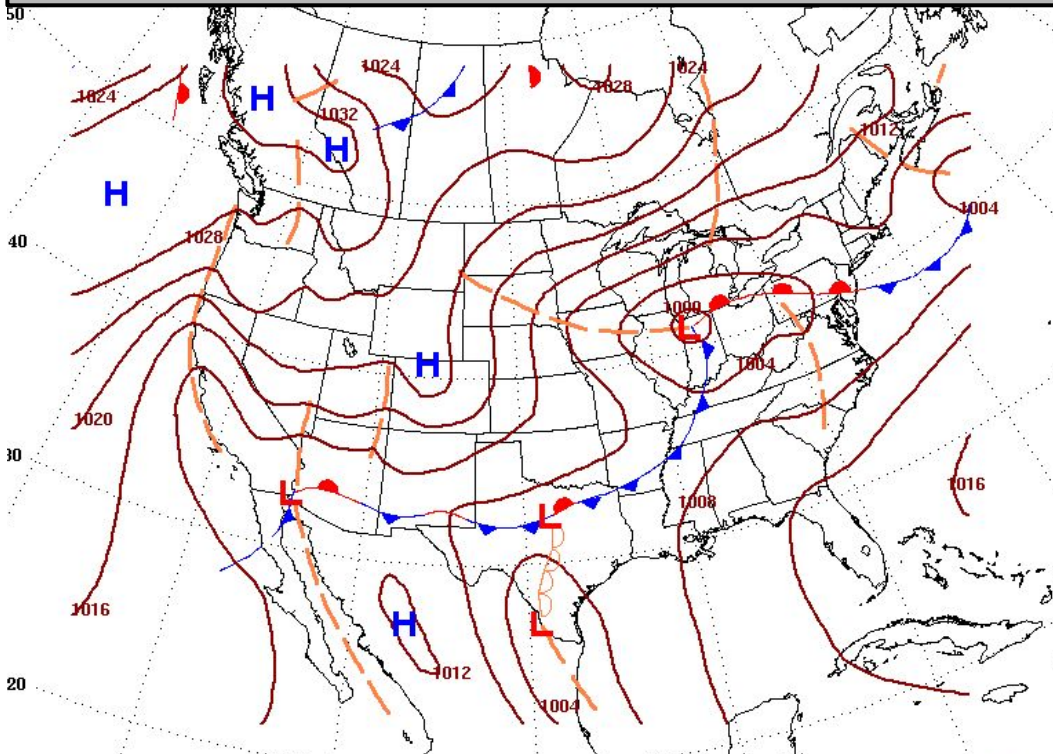




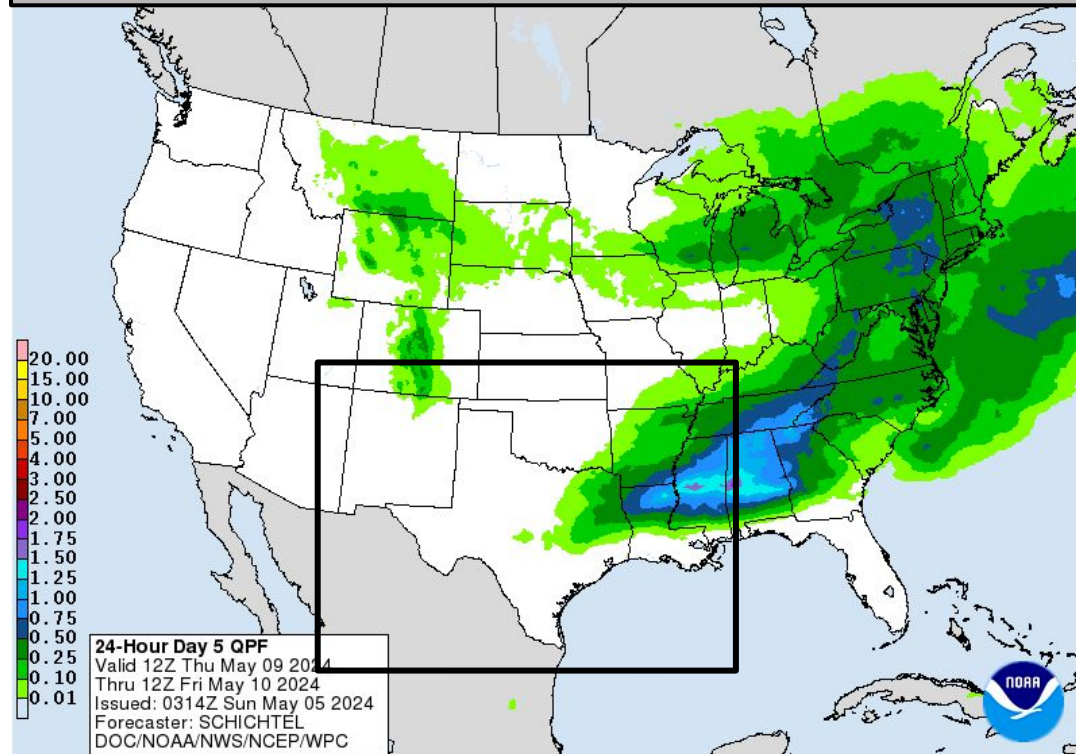


# Thursday's Weather

### Forecast Chart



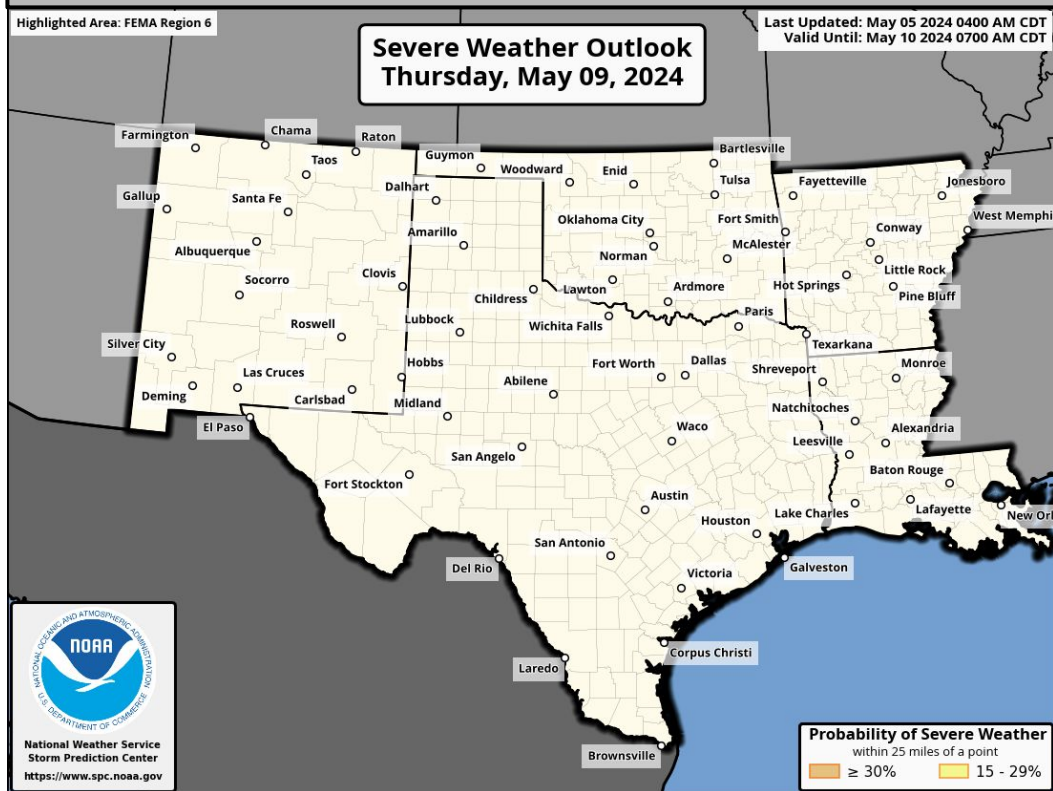
### Forecast Rainfall



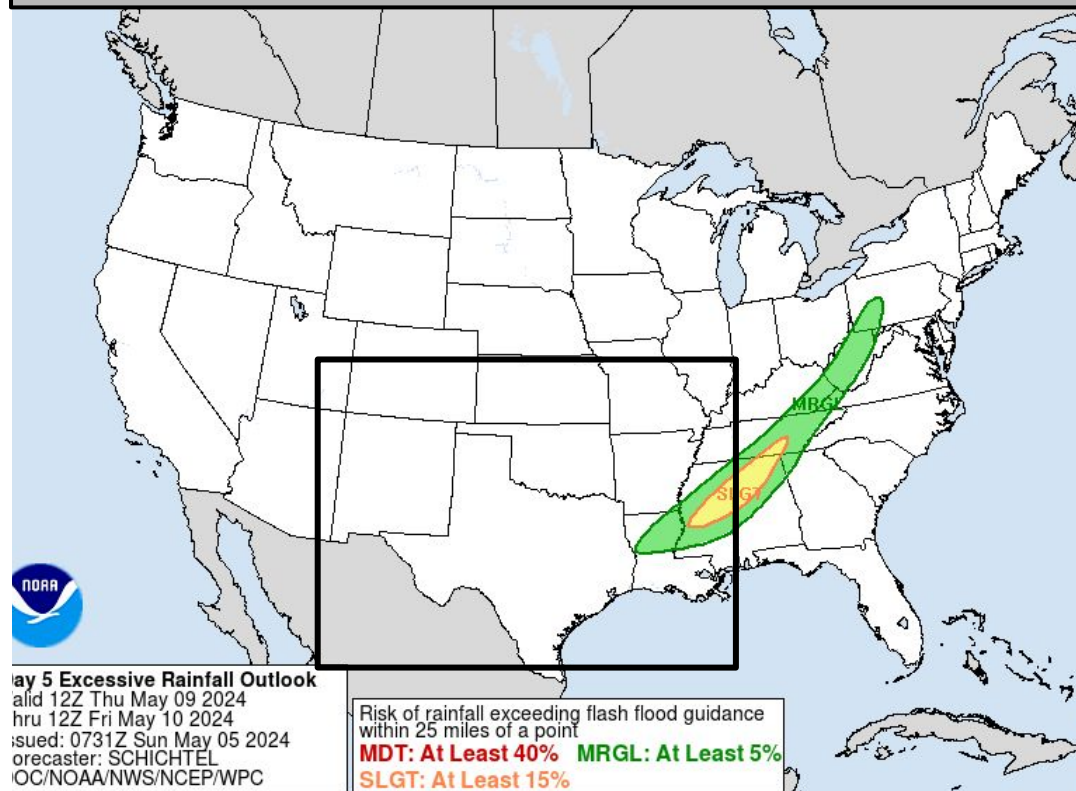
**Early season heat across S/SE TX.**

**Marginal risk of excessive rainfall across N LA.**

### Severe Weather Outlook



### Excessive Rainfall Outlook

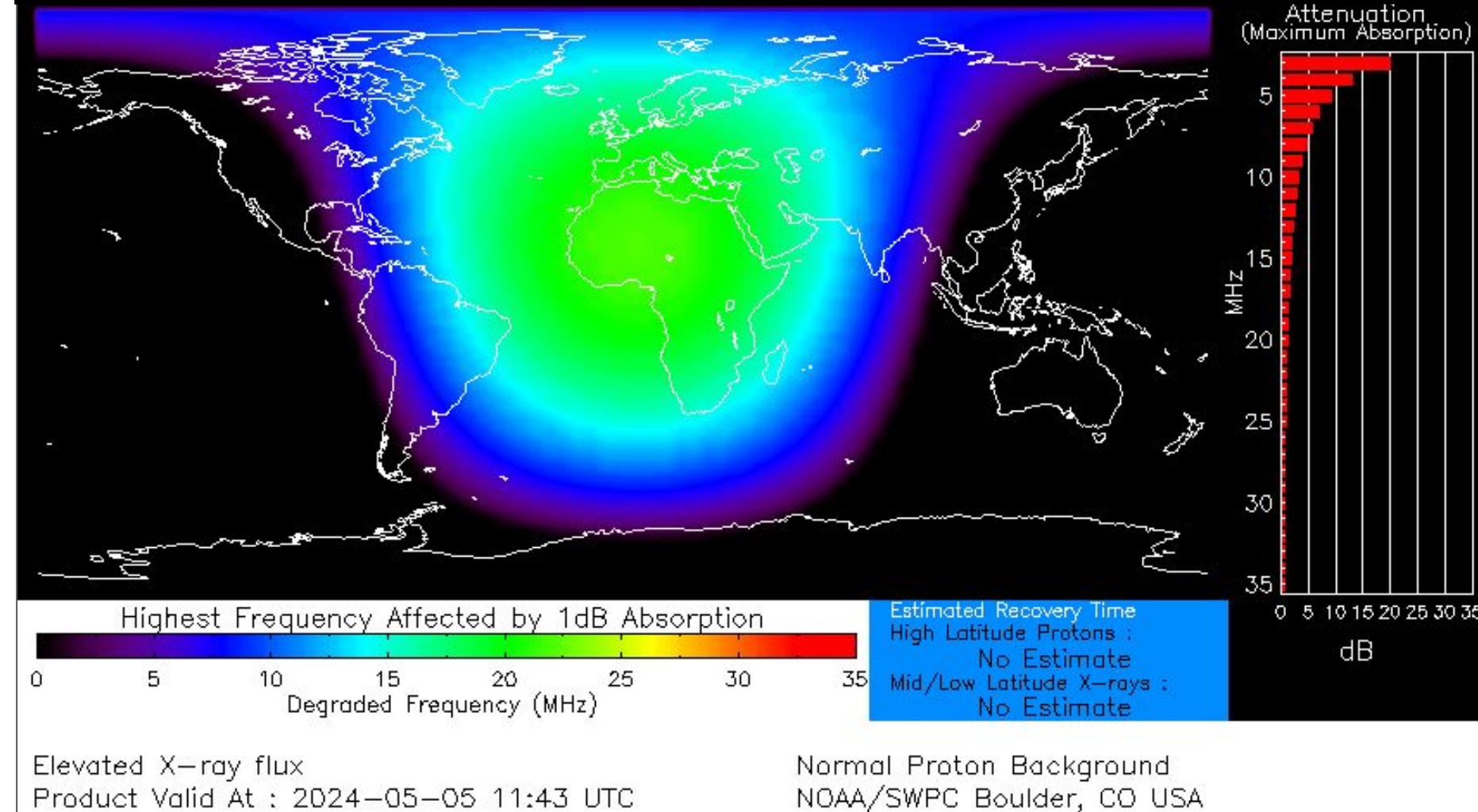






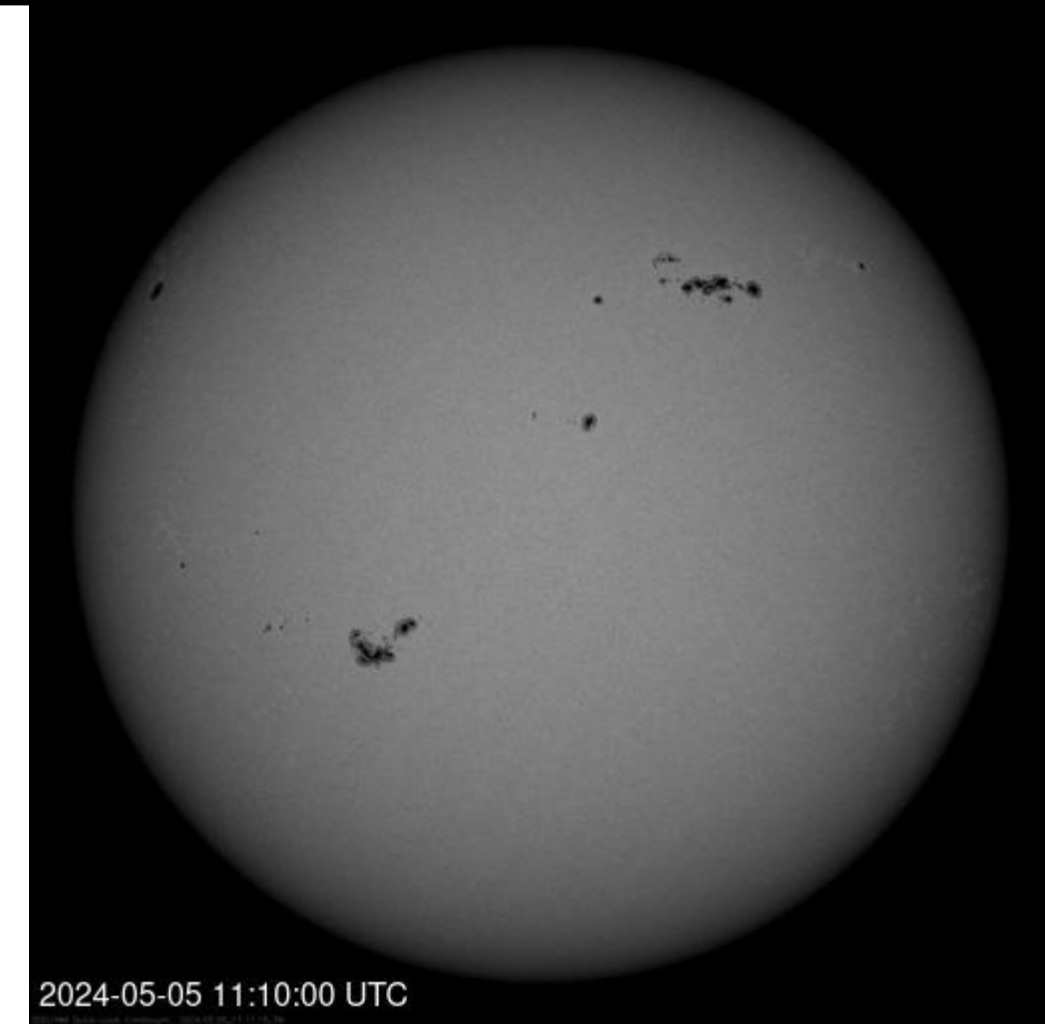
# Space Weather 3-Day Forecast

	Sunday, May 5	Monday, May 6	Tuesday, May 7
<b>Geomagnetic Storms</b>	<b>Moderate (G2) Storm (Max Kp =6)</b>	<b>Active (Max Kp =4)</b>	<b>Active (Max Kp =4)</b>
<b>Solar Radiation Storm (S1-S5)</b>	<b>15%</b>	<b>15%</b>	<b>15%</b>
<b>Radio Blackout (R1-R2)</b>	<b>75%</b>	<b>75%</b>	<b>75%</b>
<b>Radio Blackout (R3-R5)</b>	<b>25%</b>	<b>25%</b>	<b>25%</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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