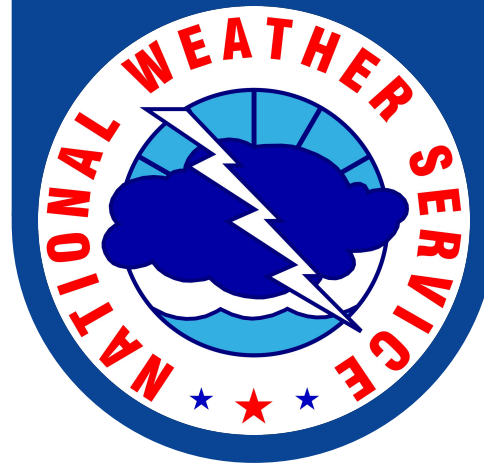




# FEMA



Prepared by  
*Mark Wiley*

# FEMA Region 6 Weather Threat Briefing

Saturday, May 11, 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

- **Slight risk for severe storms over SW TX today and over SC/E TX, LA and S AR on Monday**
- **Slight risk of heavy rain/flash flooding**
  - **Sunday: N/Ctrl/E/SE TX, LA, S AR**
  - **Monday: SE TX, LA**
  - **Wednesday: N/Ctrl/SE TX**
- **Elevated to critical fire weather conditions Sunday over S NM and W TX**
- **Moderate to major river flooding continues across E/SE TX.**





# FEMA Region 6 Threat Matrix

Next 5 Days

	Saturday, May 11	Sunday, May 12	Monday, May 13	Tuesday, May 14	Wednesday, May 15
Severe Storms	SW TX	TX Panhandle, NW/Ctrl/SE TX, SW LA	SC/ETX, LA, SAR		
Heavy Rain / Flash Flooding	E NM, W/S-Ctrl TX	TX, LA, SAR	SETX, LA		N/Ctrl/SETX
Fire Weather	SW NM	S NM, W TX			
Wind					
Heat					
River Flooding	E/SETX	E/SETX	E/SETX	E/SETX	E/SETX

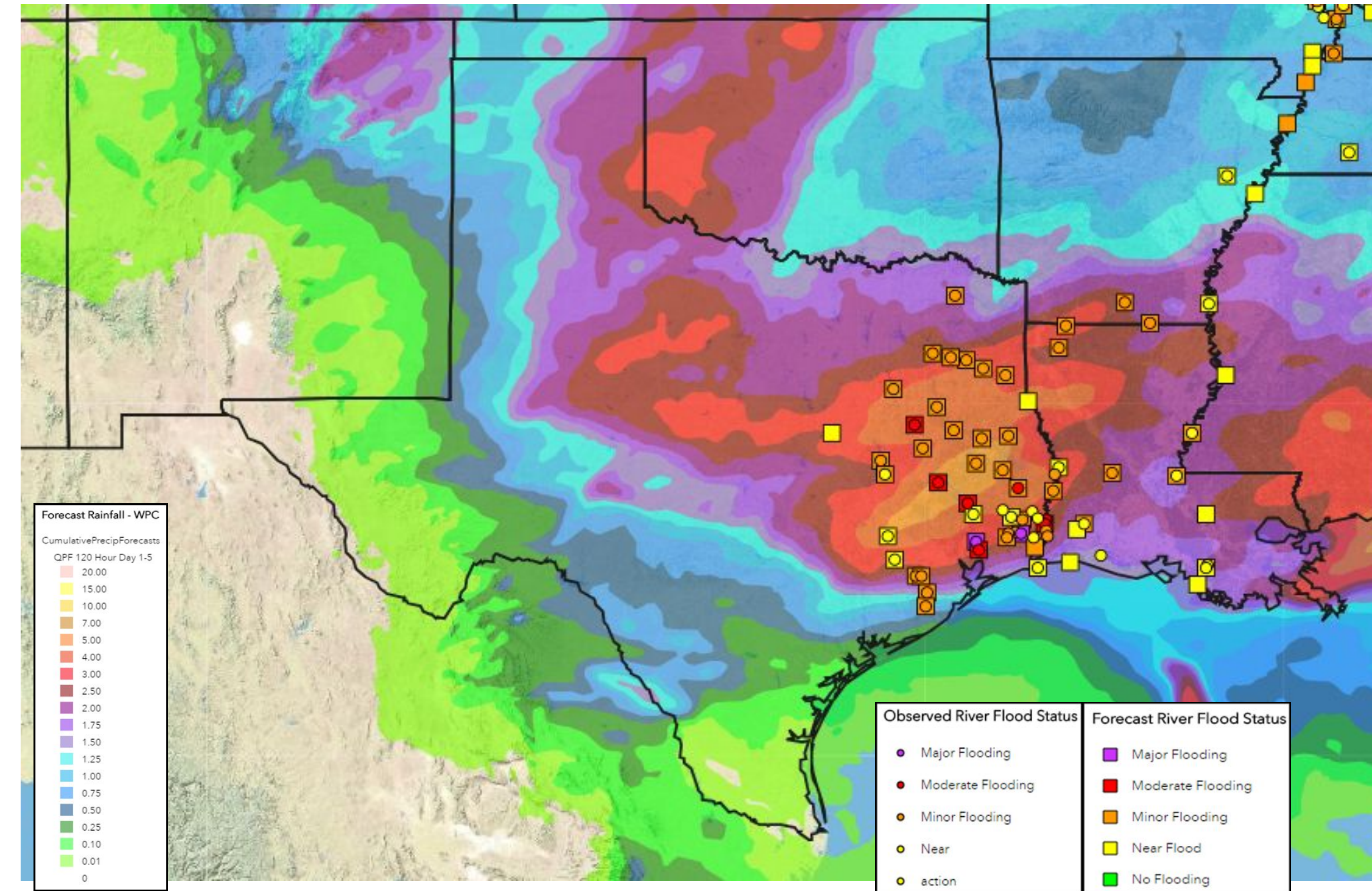
*\*Threat levels are based on FEMA Region 6 criteria.  
State or local threat level criteria may differ.\*  
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

Risk Levels	Little to None	Minor	Moderate	Major	Extreme
-------------	----------------	-------	----------	-------	---------



# 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*



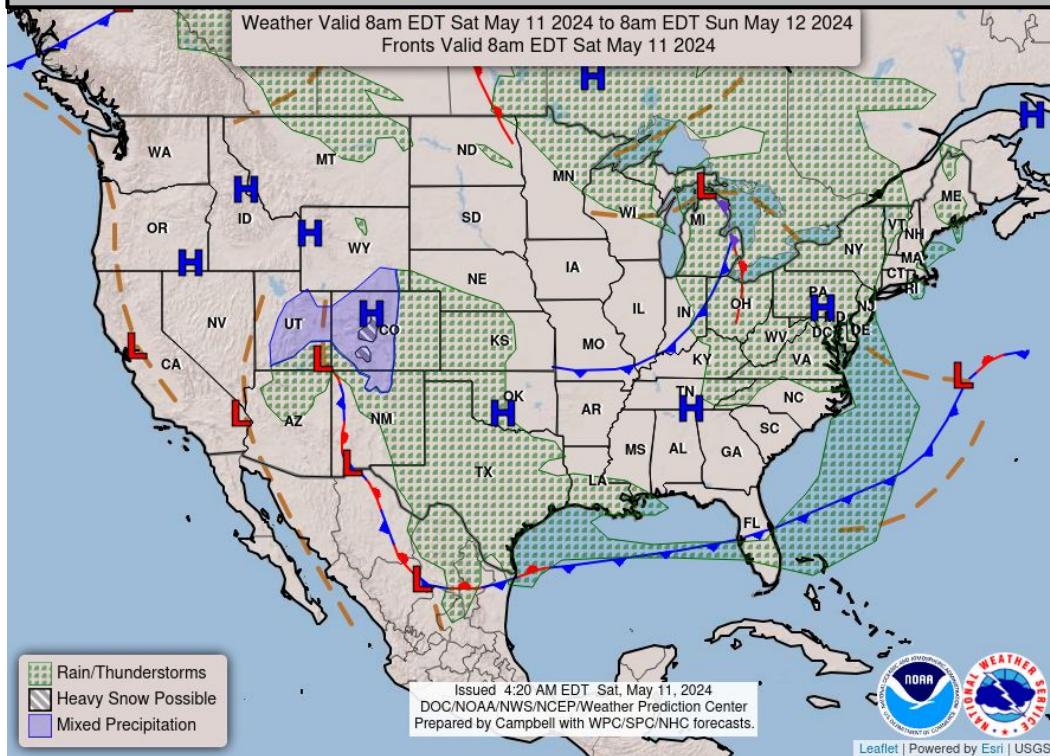
**Moderate to major river flooding continues across E/SE TX into next week. Homes, roads, and agricultural areas are flooded.**

**Additional rainfall on Sunday/Monday over E/SE TX will prolong current river flooding and may result in additional river flooding, but will not increase river levels to where they were last week.**

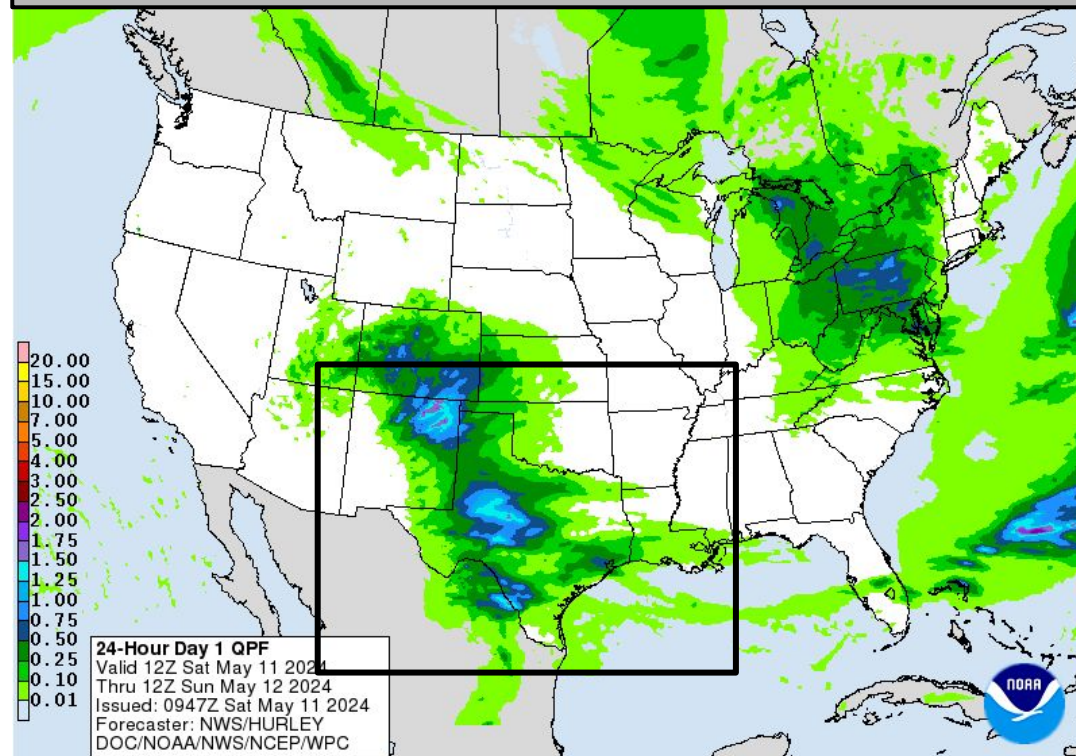


# Today's Weather

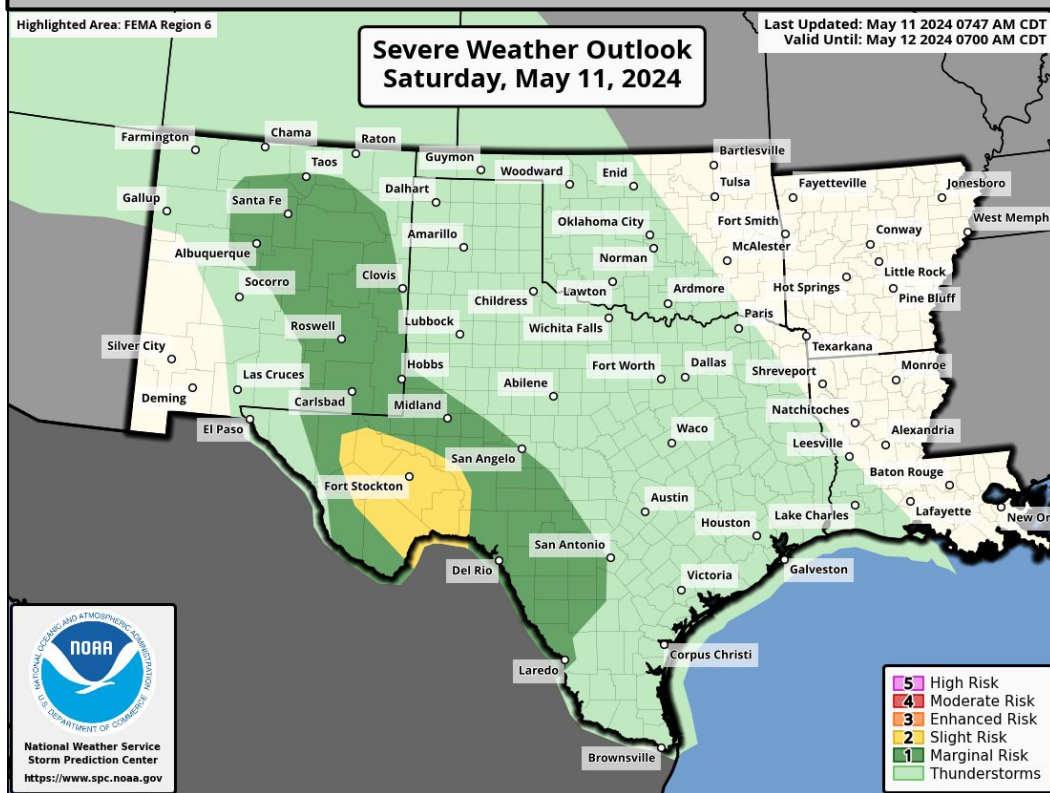
## Forecast Chart



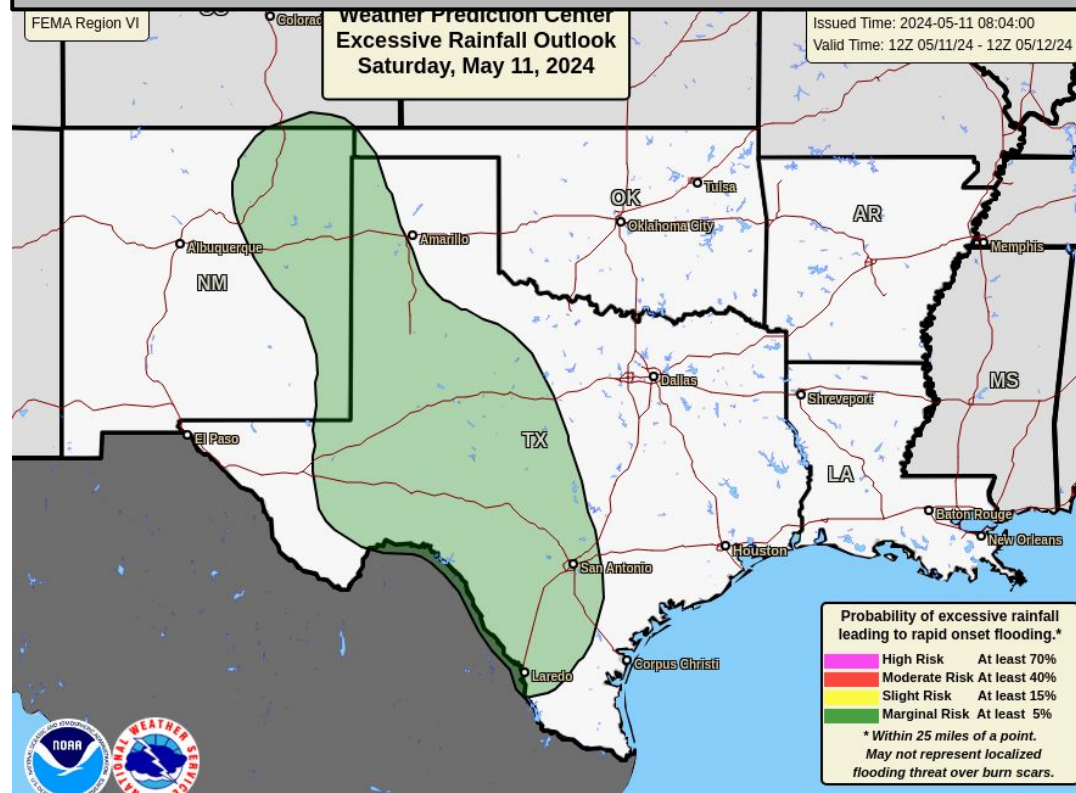
## Forecast Rainfall



## Severe Weather Outlook



## Excessive Rainfall Outlook



**Slight risk for severe storms over SW TX**

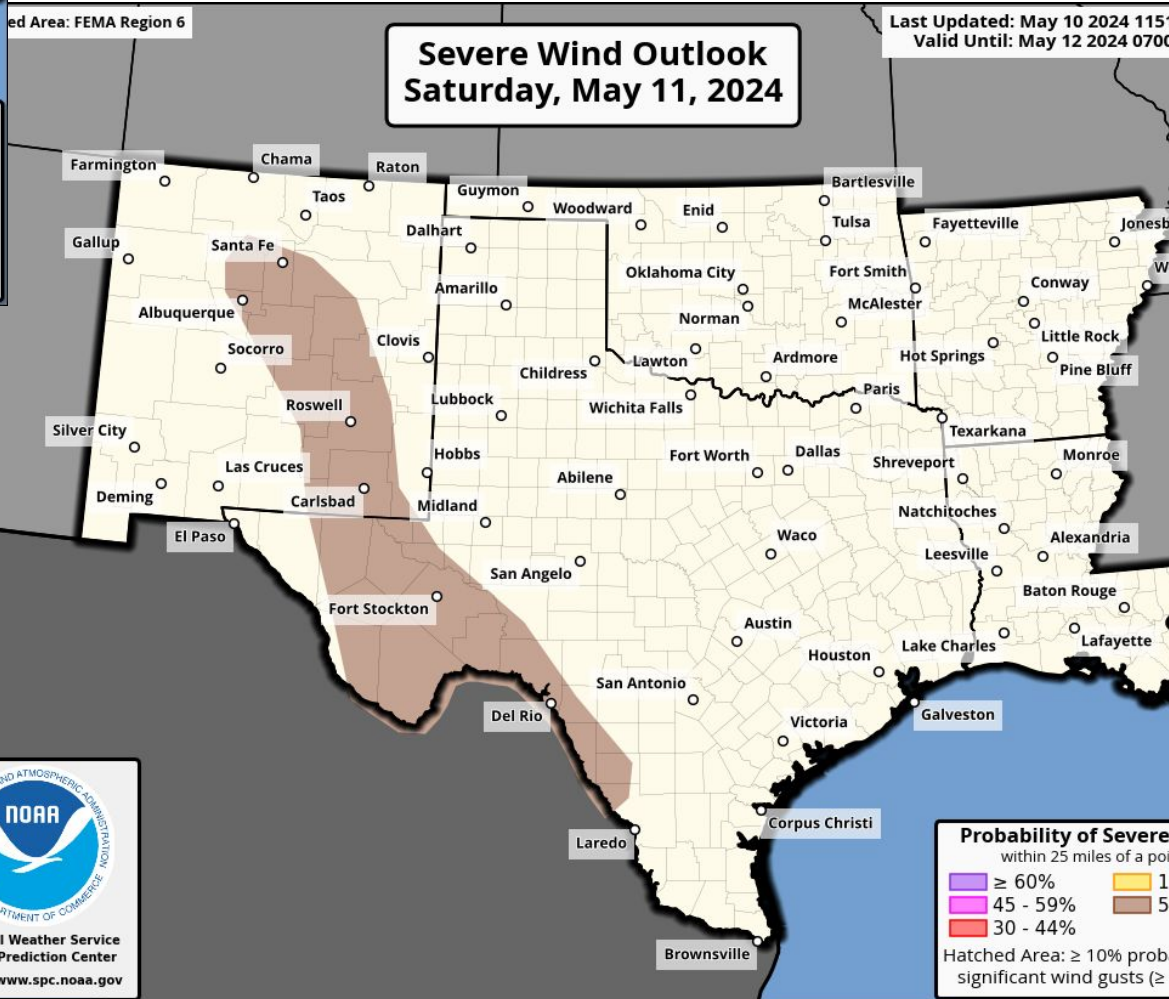
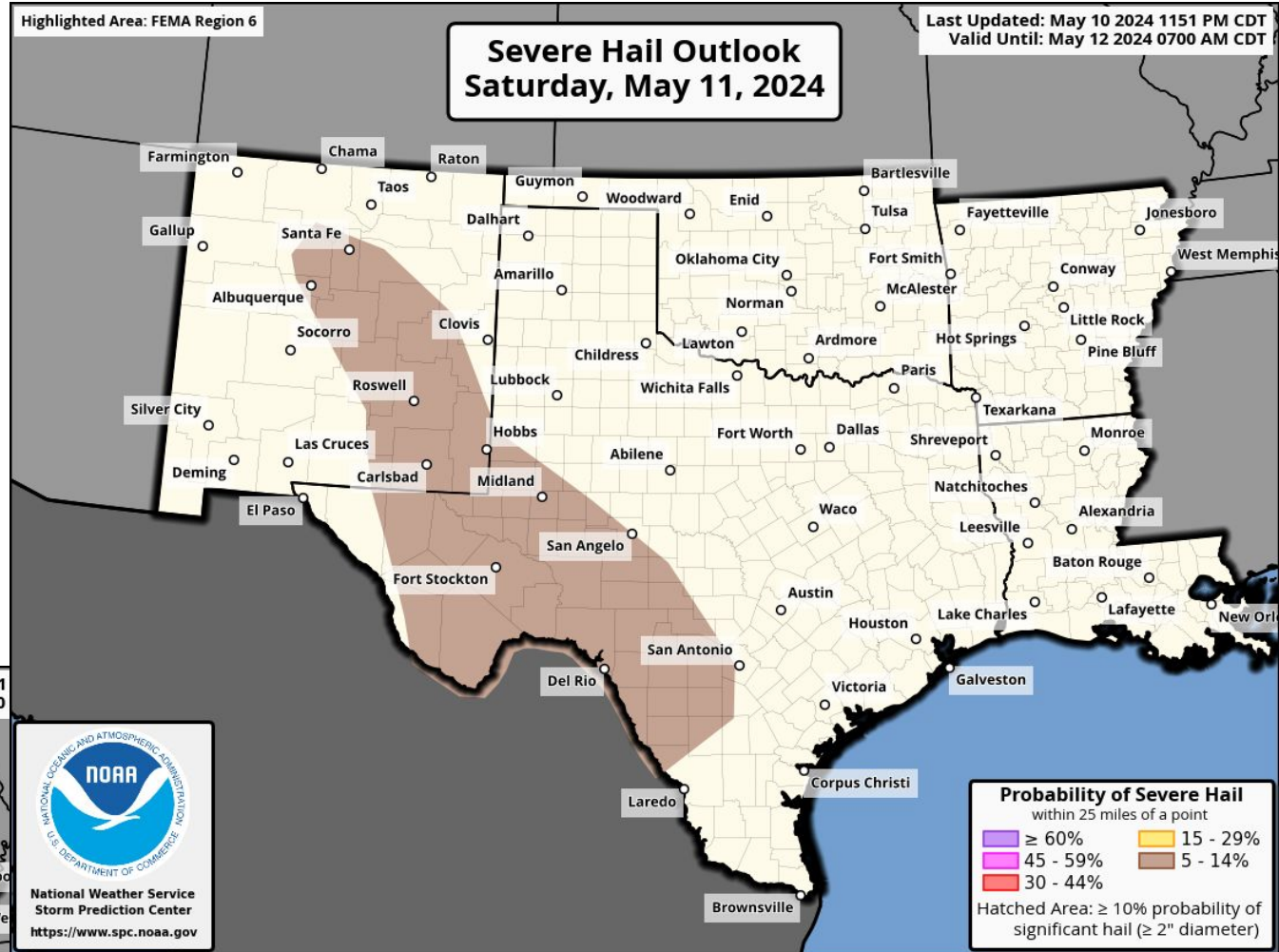
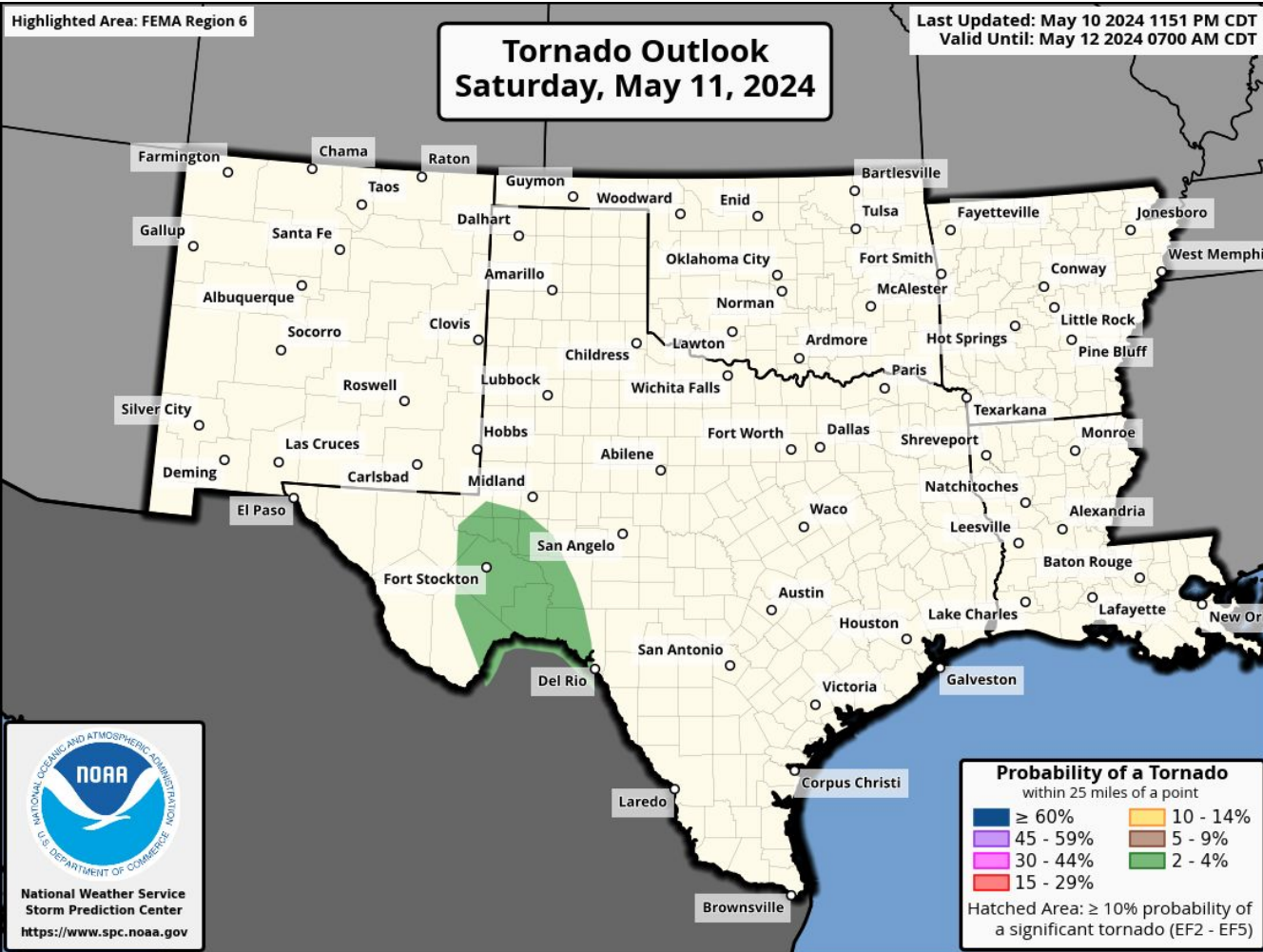
**Marginal risk for isolated heavy rainfall/flash flooding for E NM into W/S-Ctrl TX.**

**Elevated fire weather conditions for SW NM**



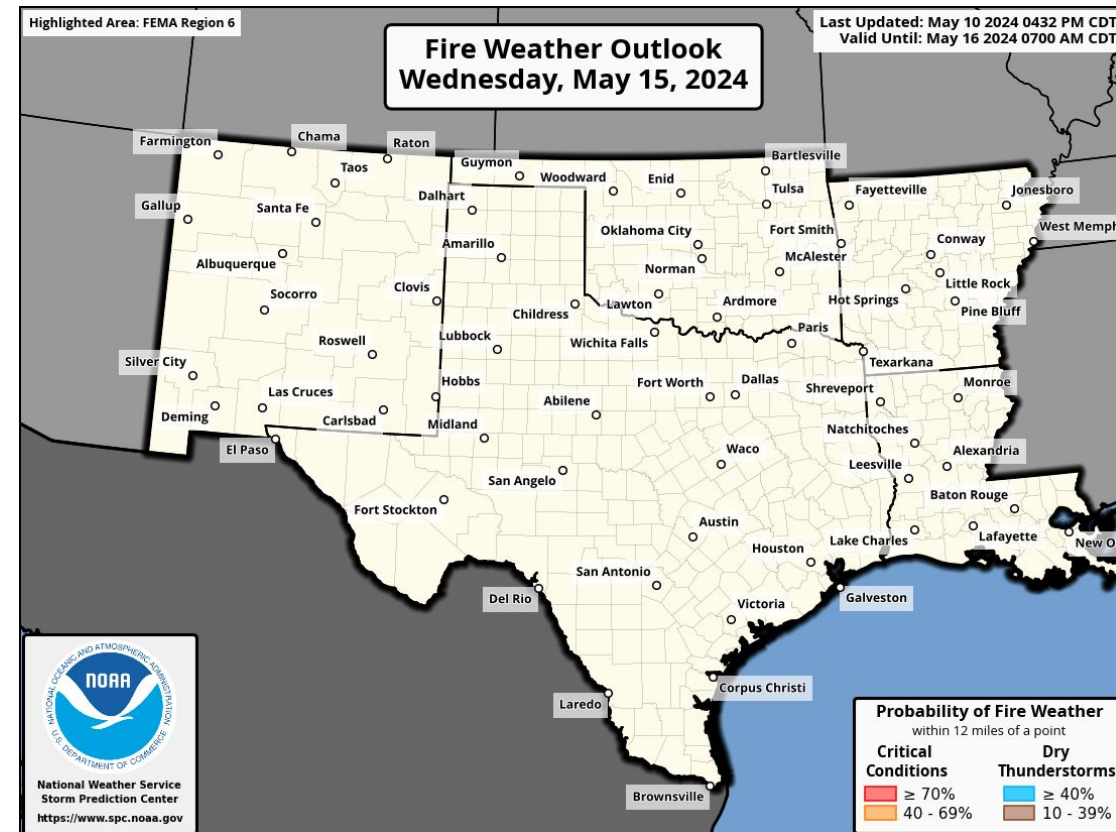
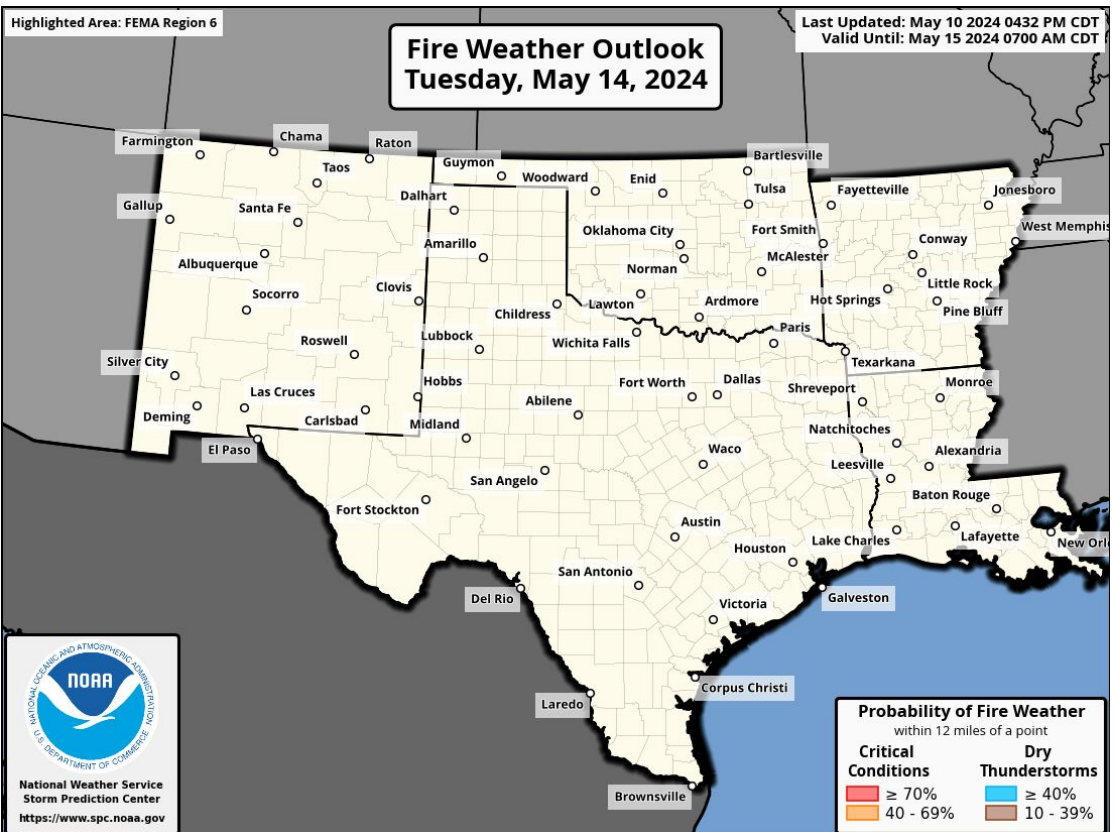
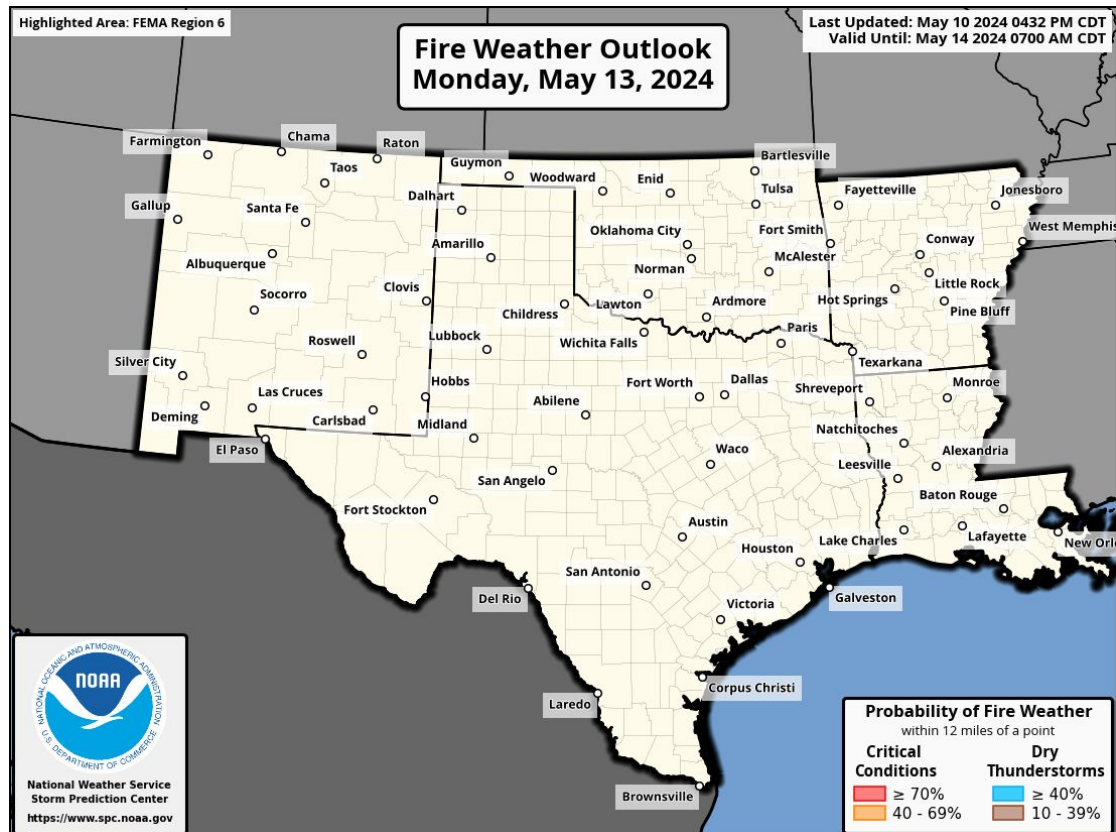
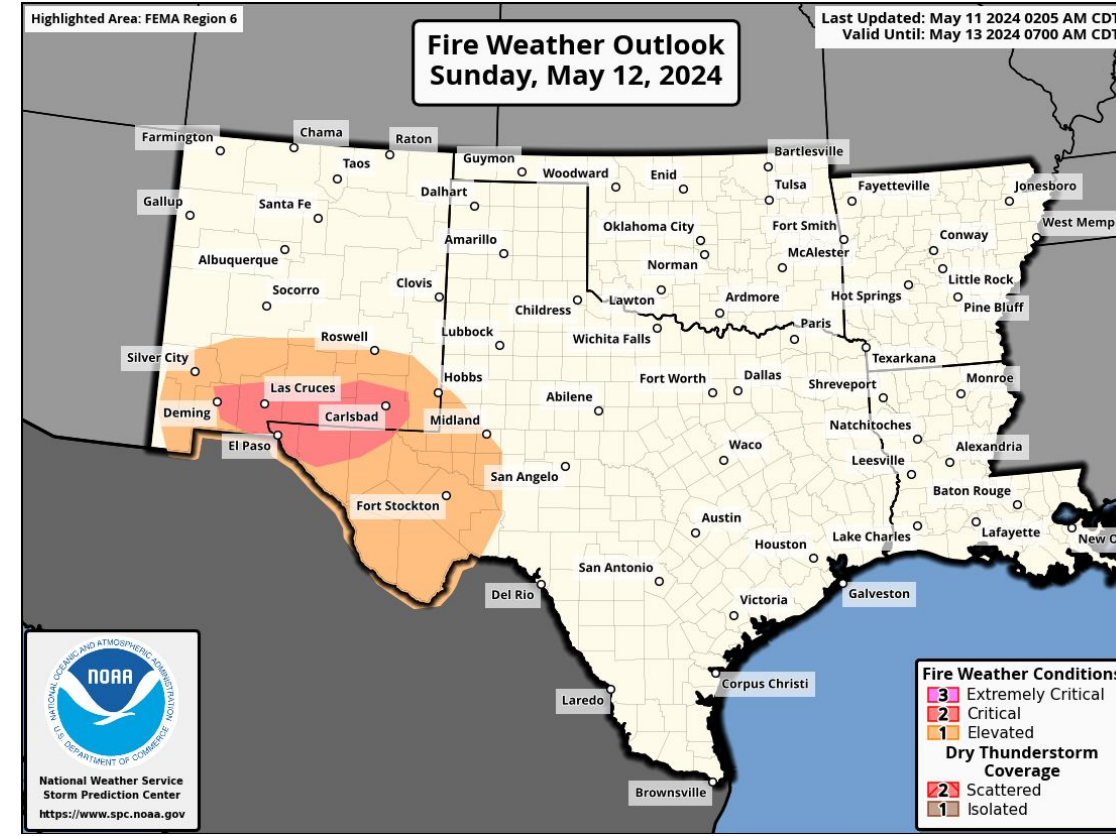
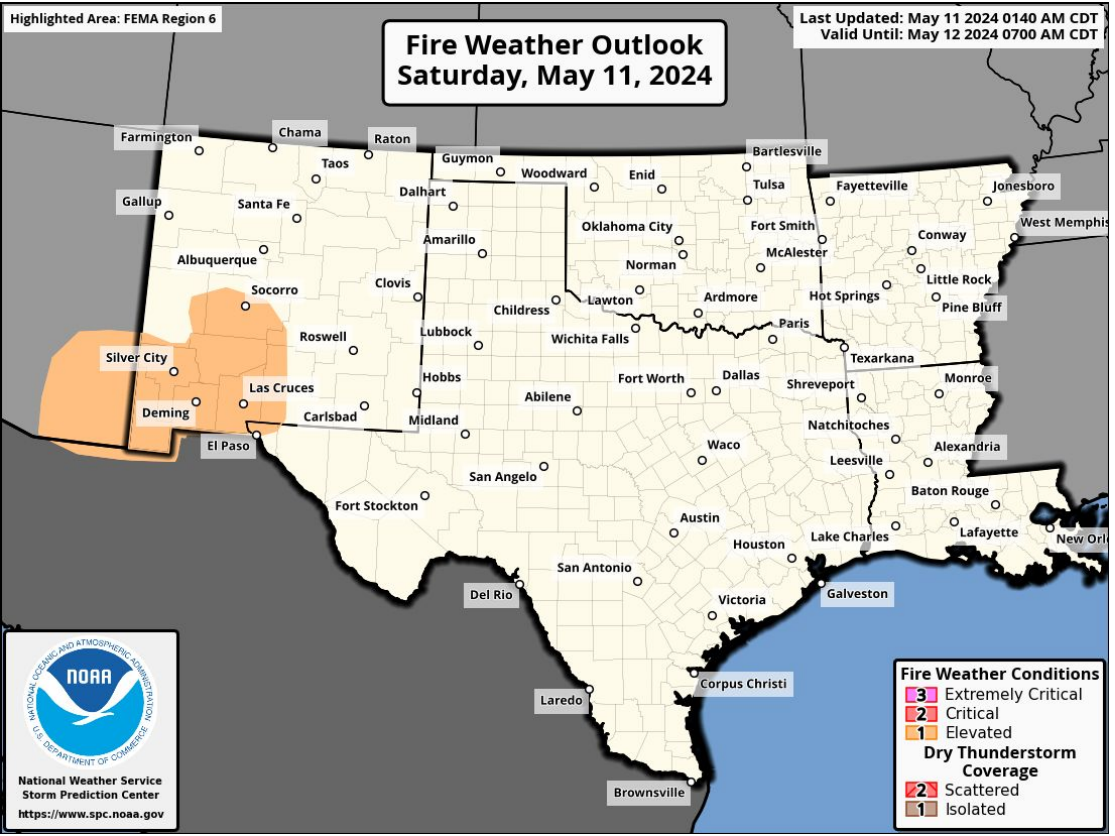
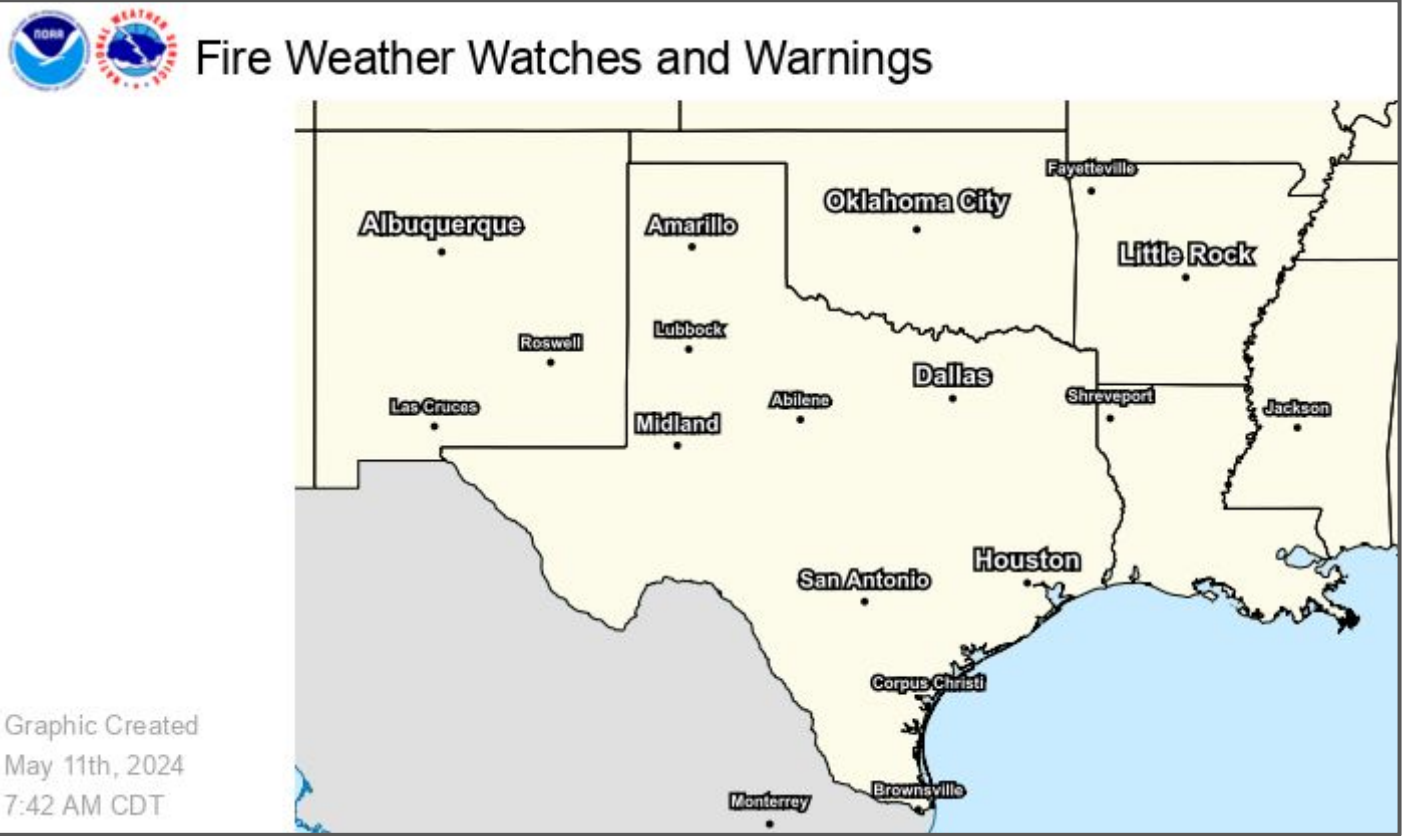
# Today's Tornado & Severe Wind / Hail Probabilities

May 11, 2024





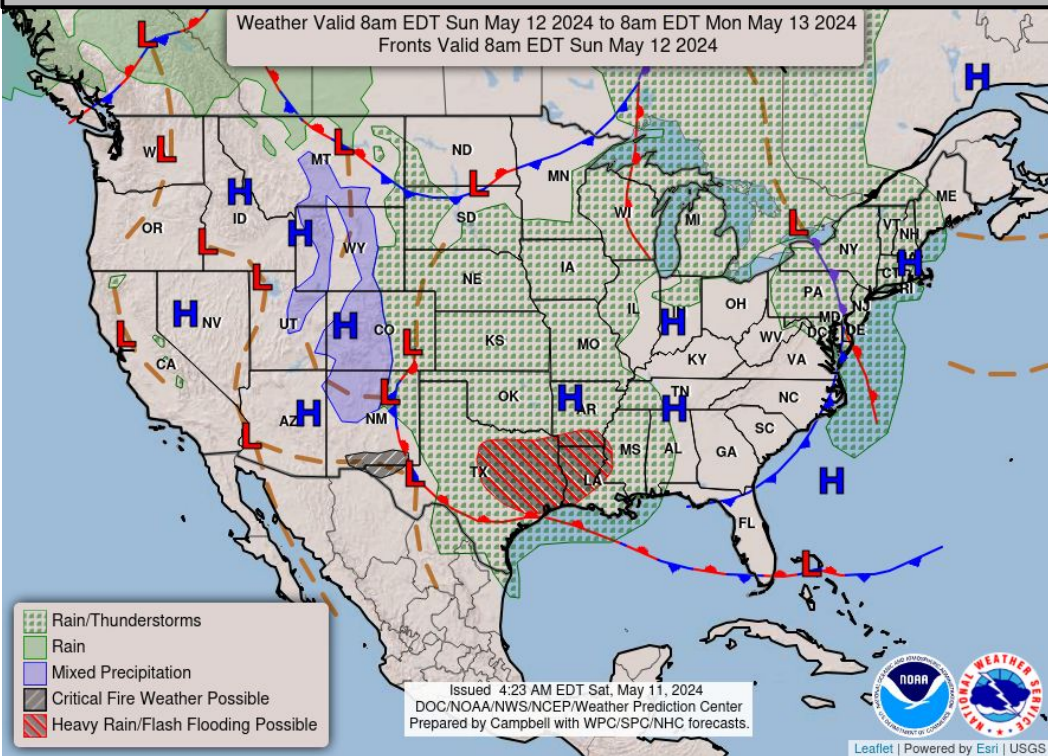
# Fire Weather Outlooks



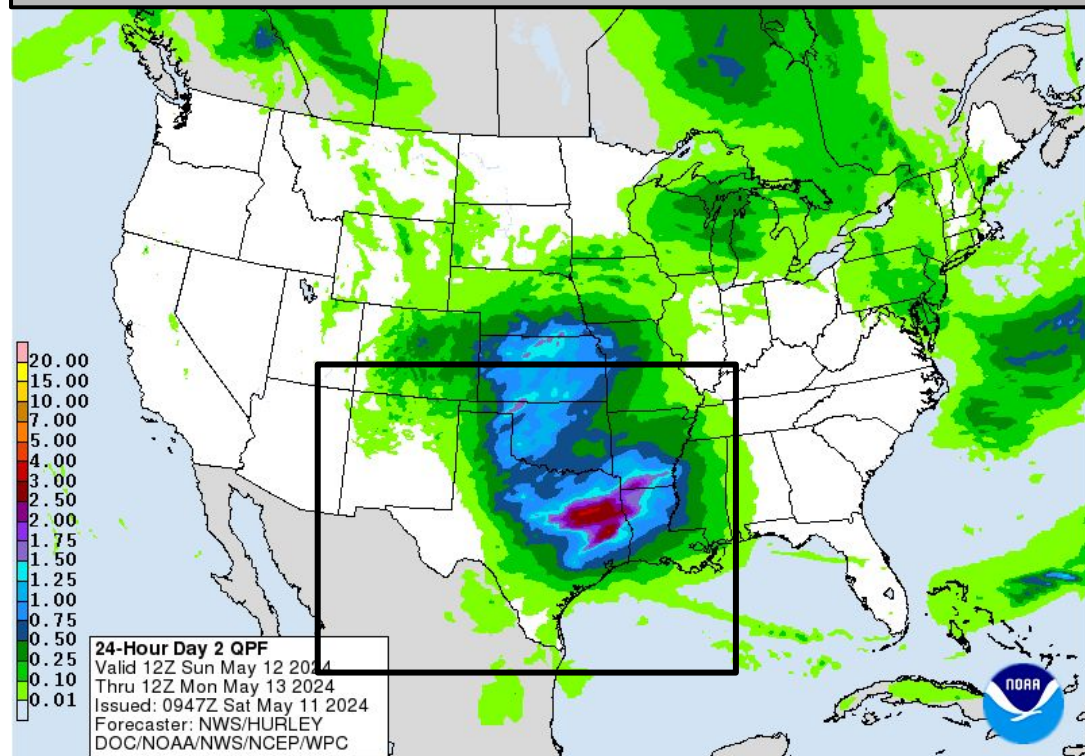


# Tomorrow's Weather

## Forecast Chart



## Forecast Rainfall

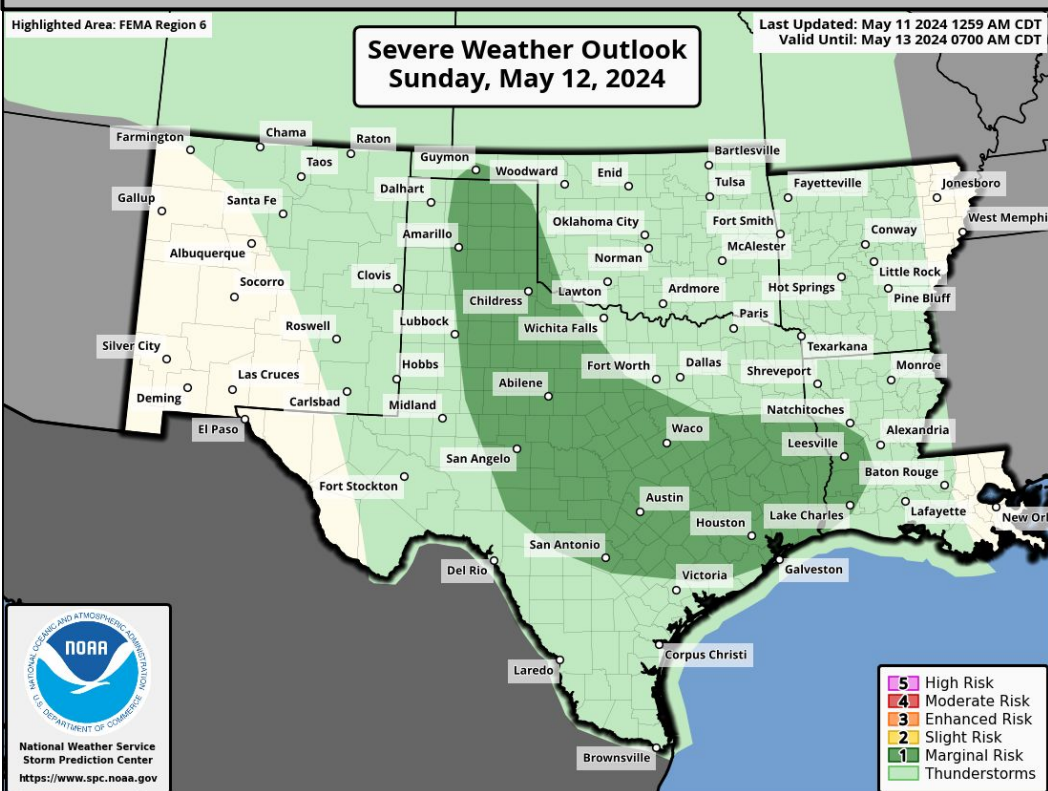


**Slight risk of heavy rain/flash flooding for N/Ctr/E/SE TX into LA and S AR.**

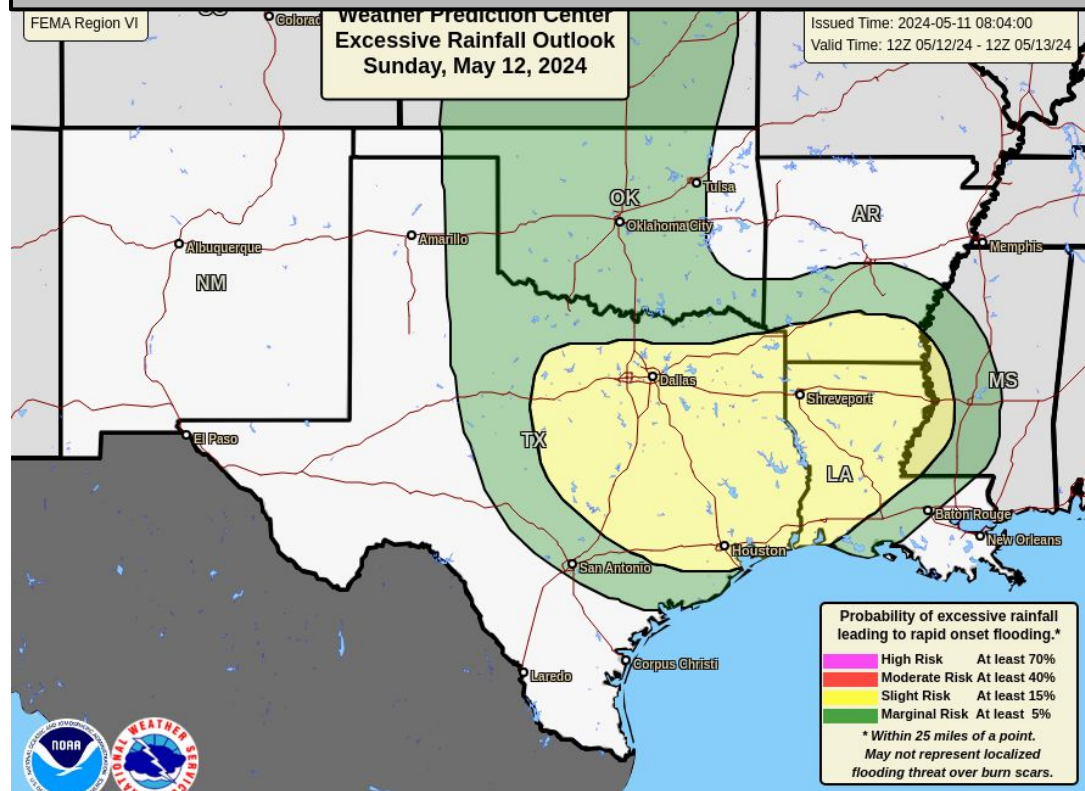
**Elevated to critical fire weather threat over S NM and W TX**

**Marginal risk for isolated severe storms over the TX Panhandle, NW/Ctr/SE TX, SW LA**

## Severe Weather Outlook



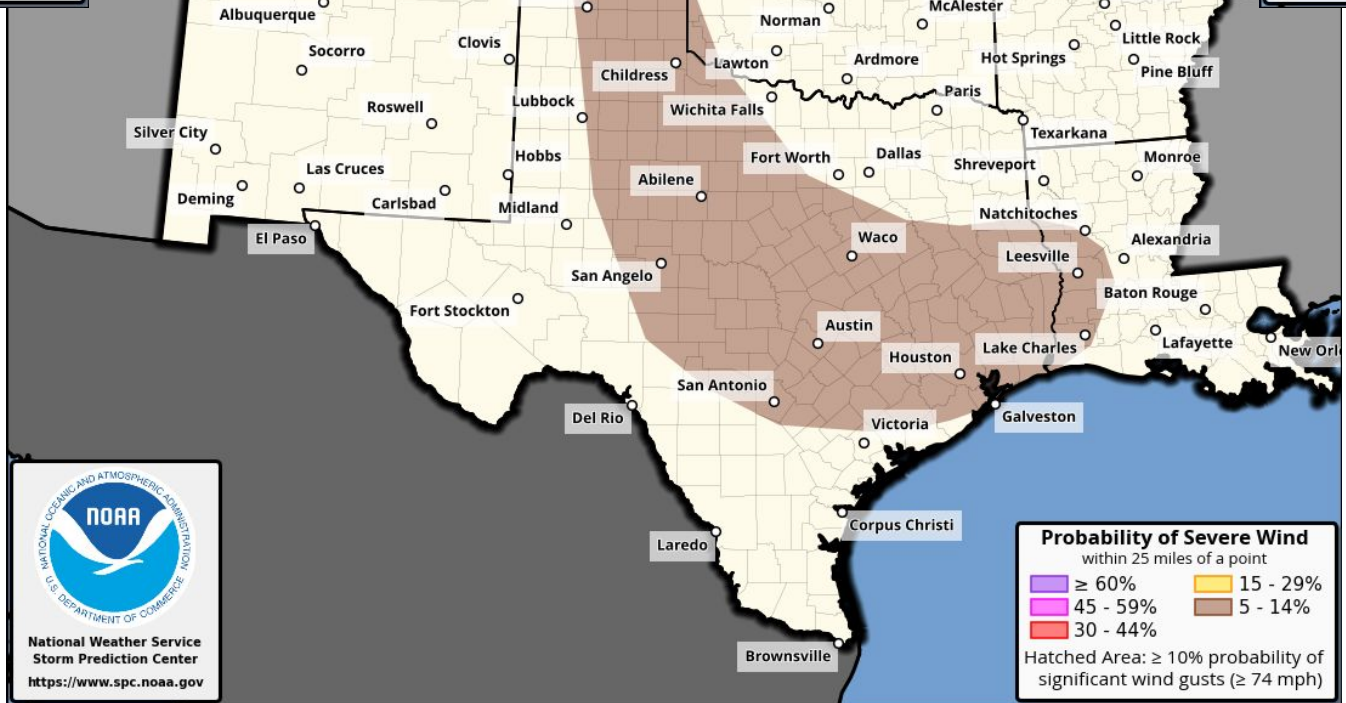
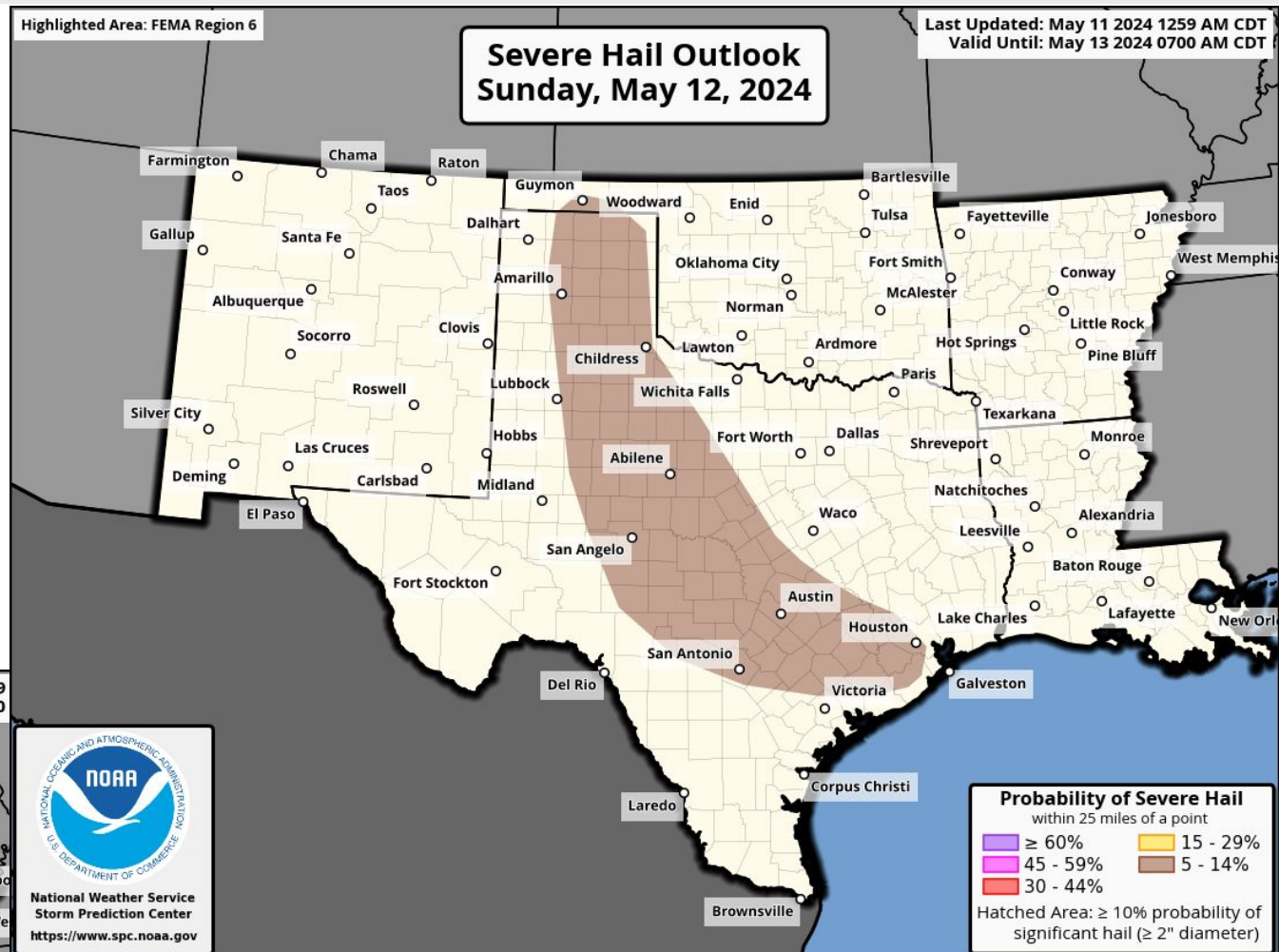
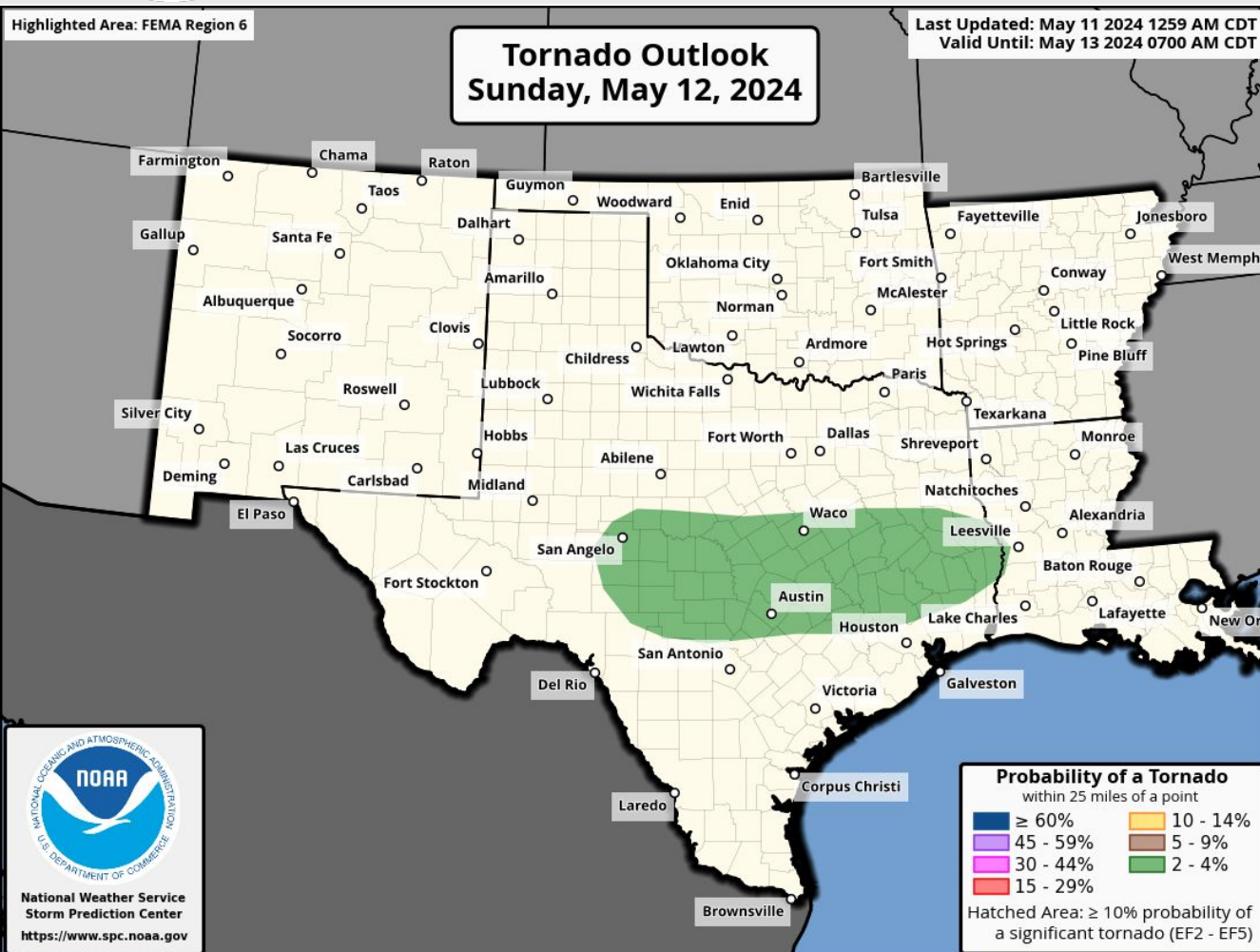
## Excessive Rainfall Outlook







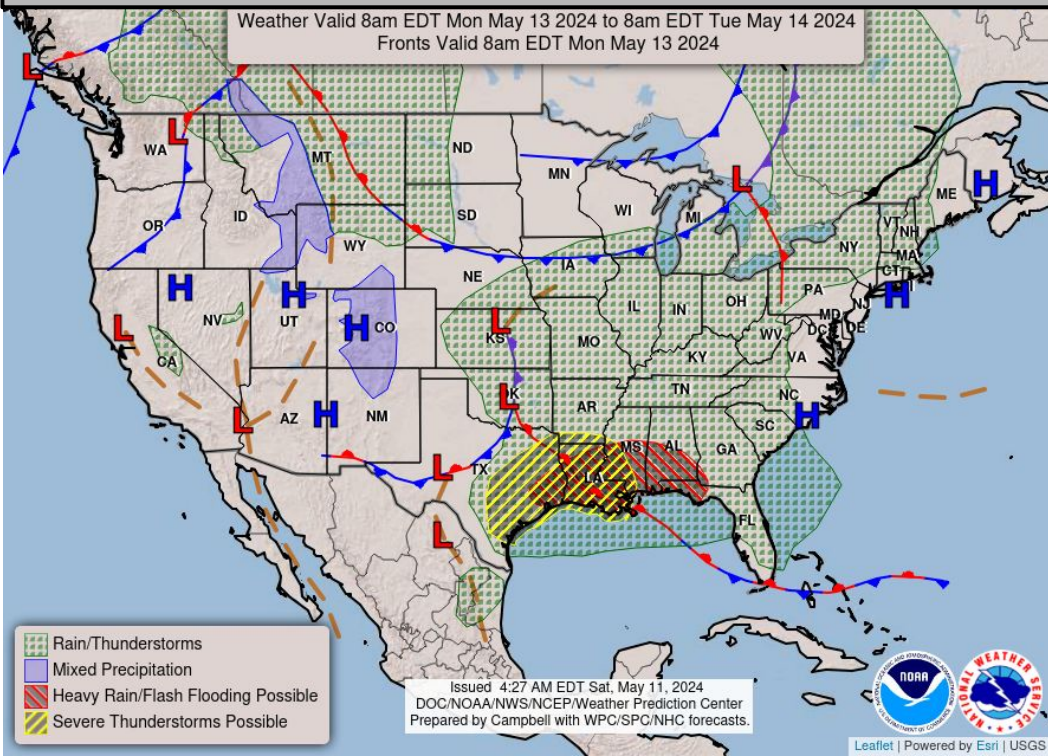
# Tomorrow's Tornado & Severe Wind / Hail Probabilities



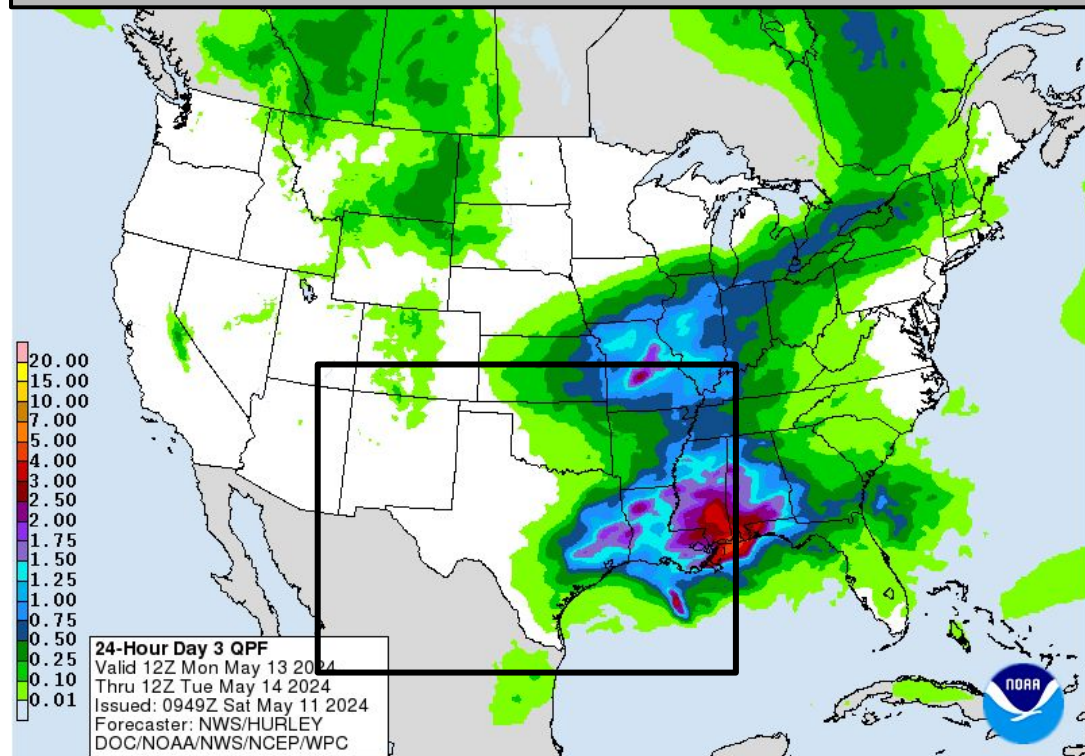


# Monday's Weather

## Forecast Chart



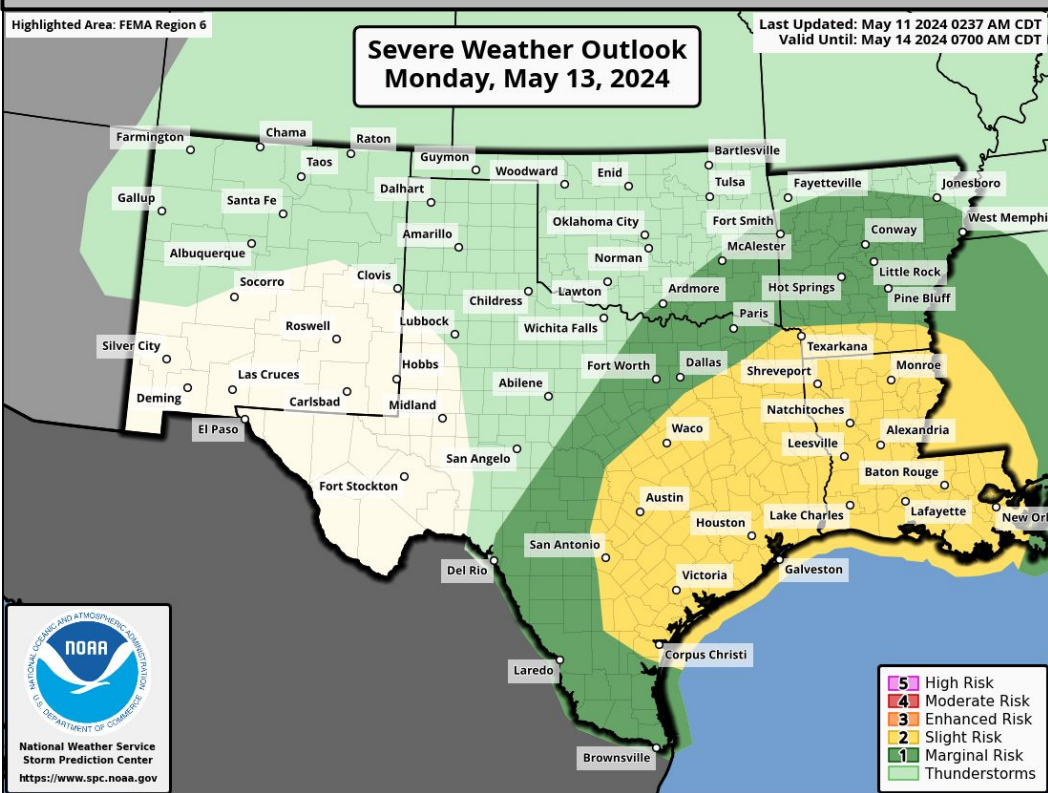
## Forecast Rainfall



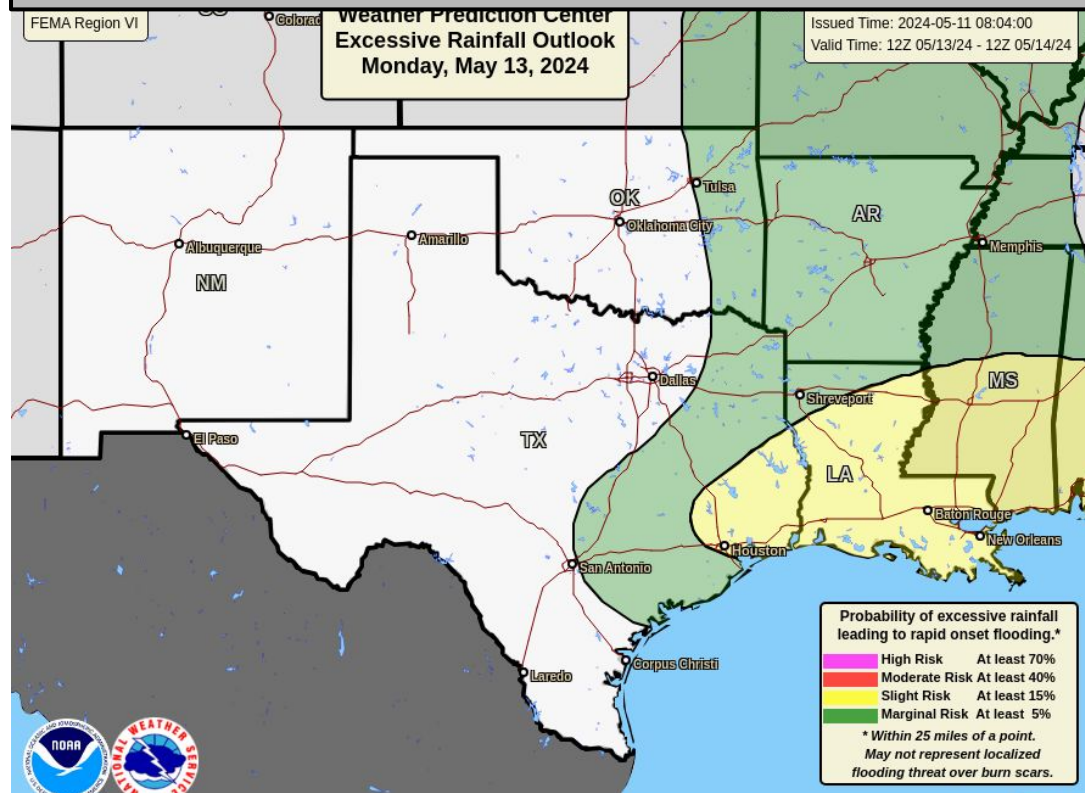
**Slight risk for heavy rainfall/flash flooding for SETX into LA.**

**Slight risk for severe storms over SC/ETX, LA, SAR**

## Severe Weather Outlook



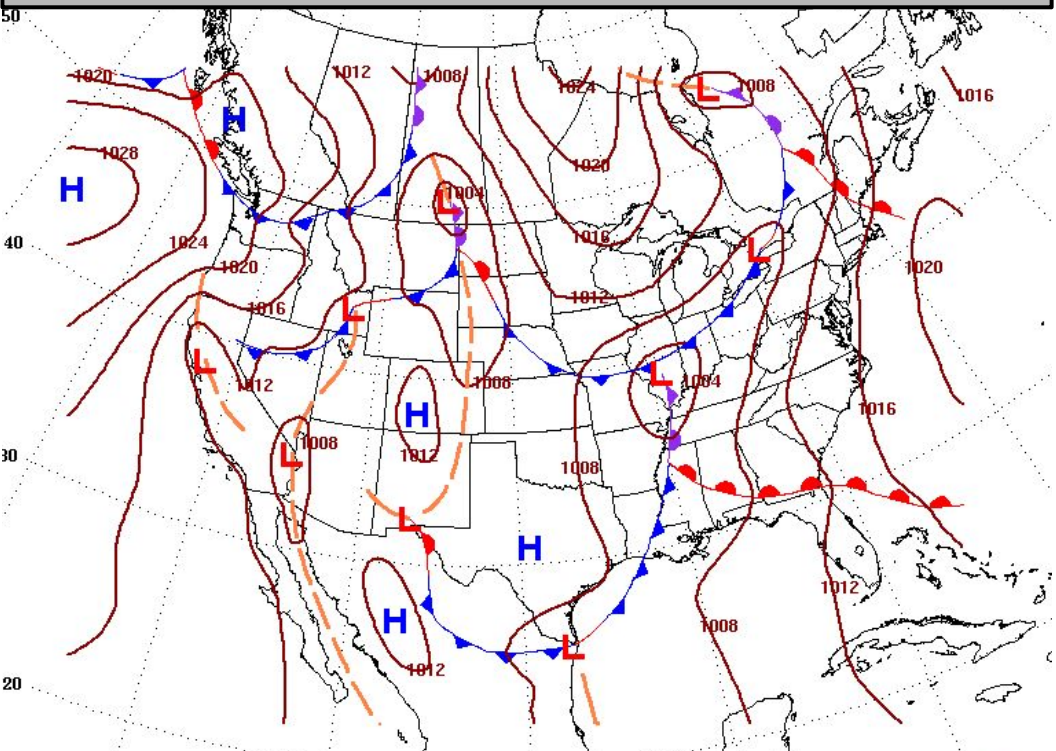
## Excessive Rainfall Outlook



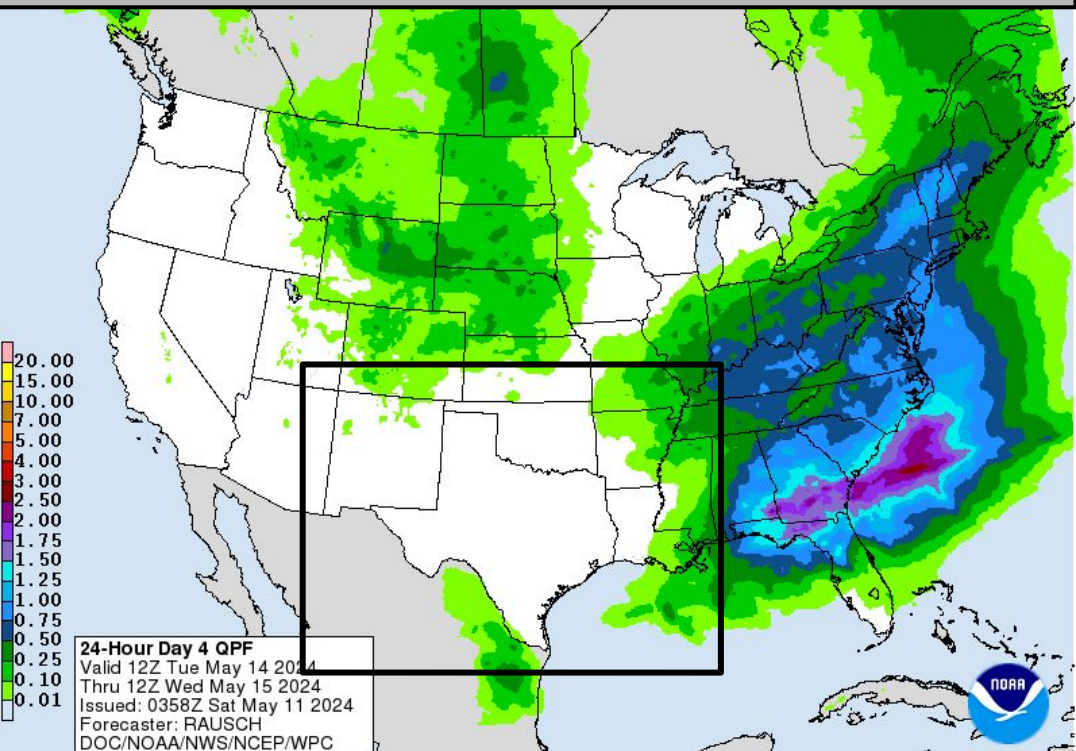


# Tuesday's Weather

### Forecast Chart

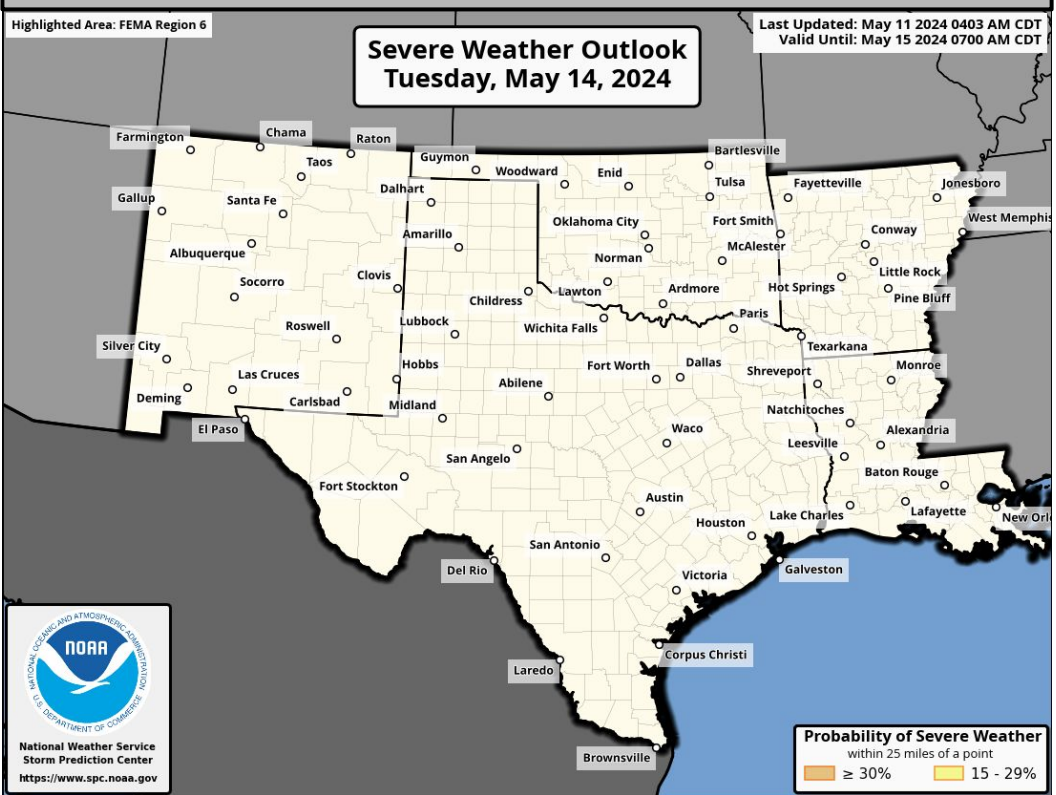


### Forecast Rainfall

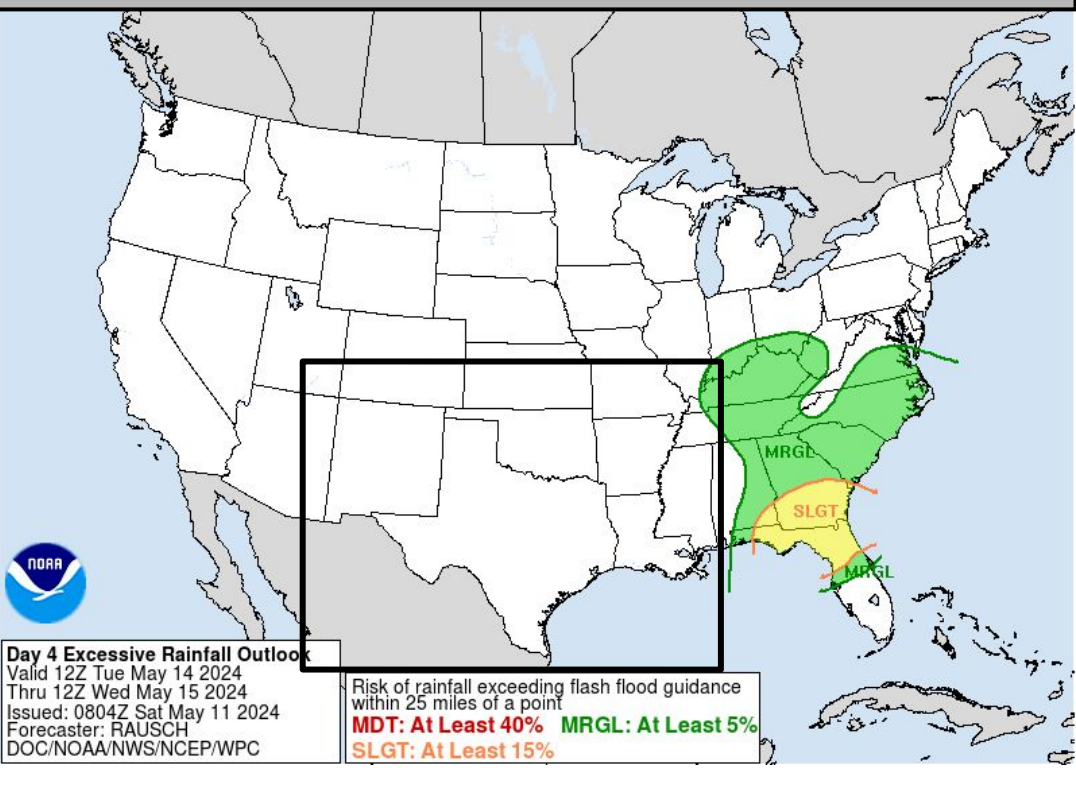


**No significant weather expected.**

### Severe Weather Outlook



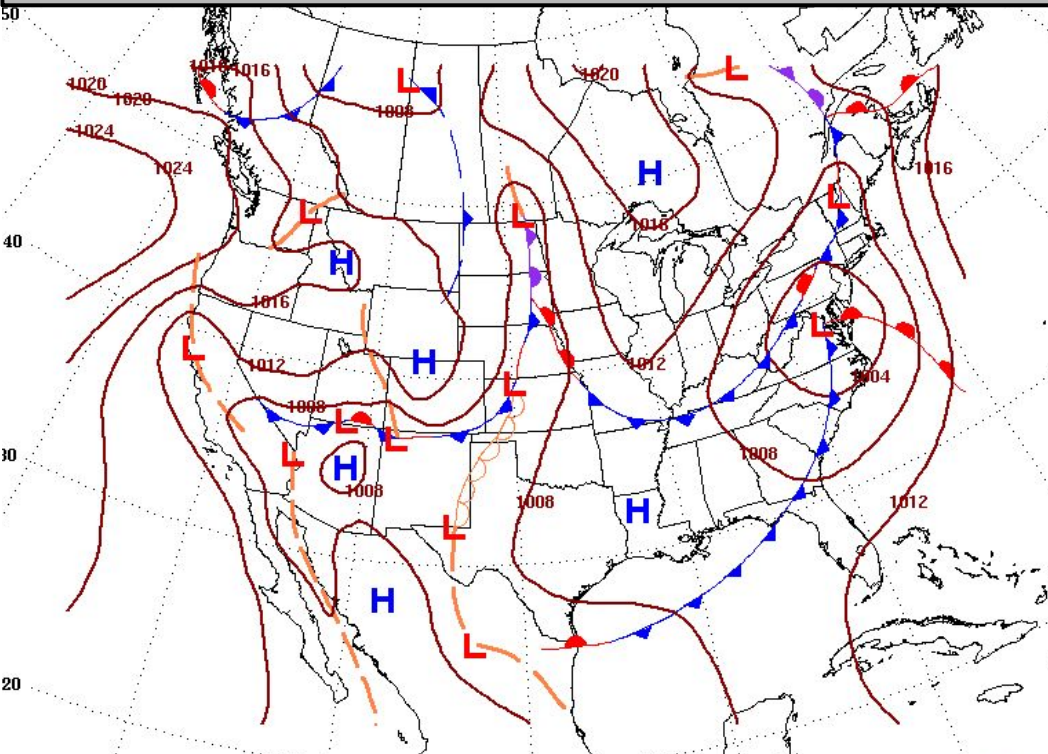
### Excessive Rainfall Outlook



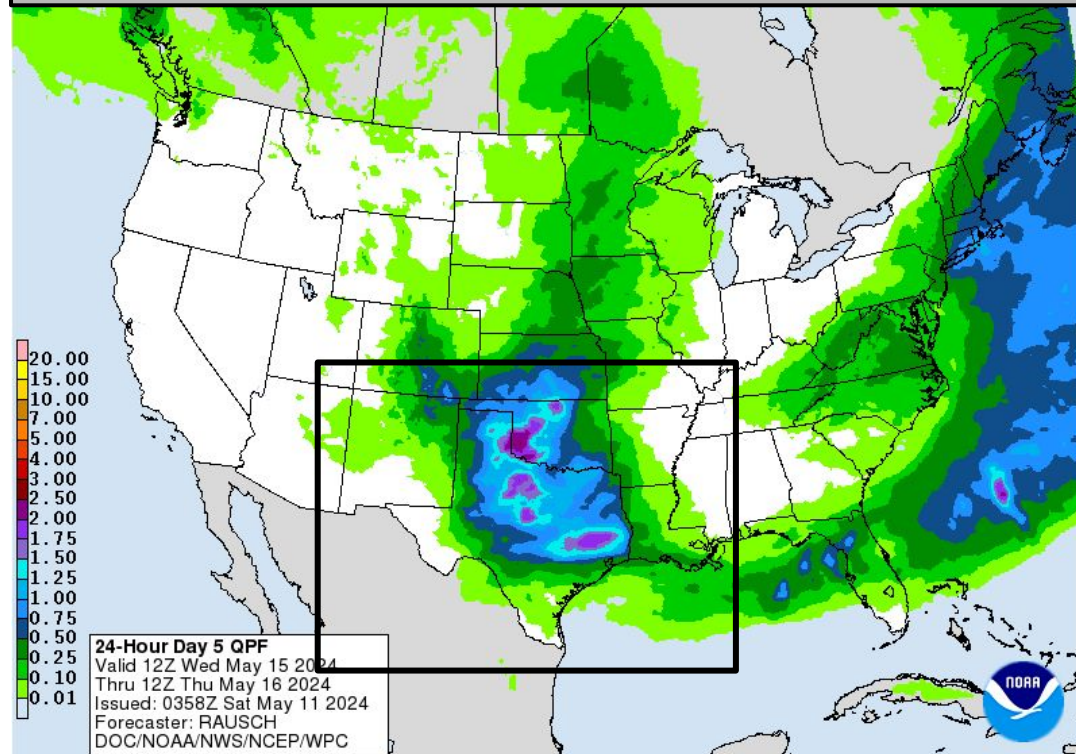


# Wednesday's Weather

### Forecast Chart

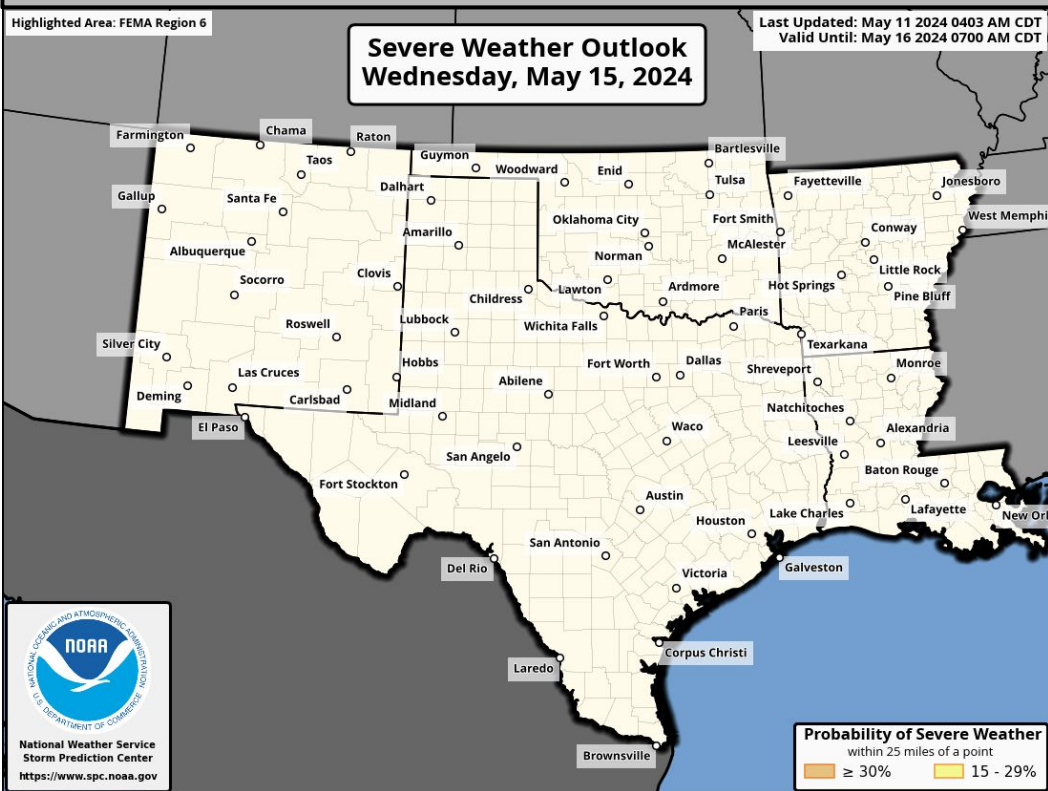


### Forecast Rainfall

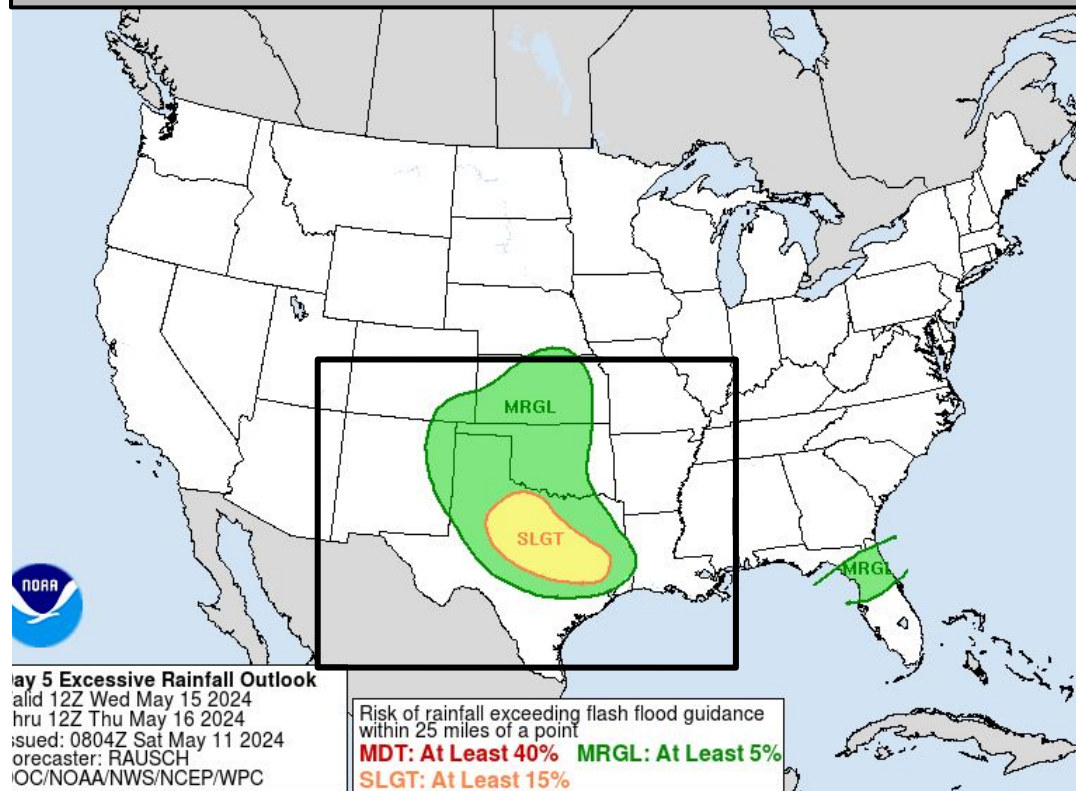


**Slight risk for heavy rainfall over N/Ctrl, SE TX**

### Severe Weather Outlook

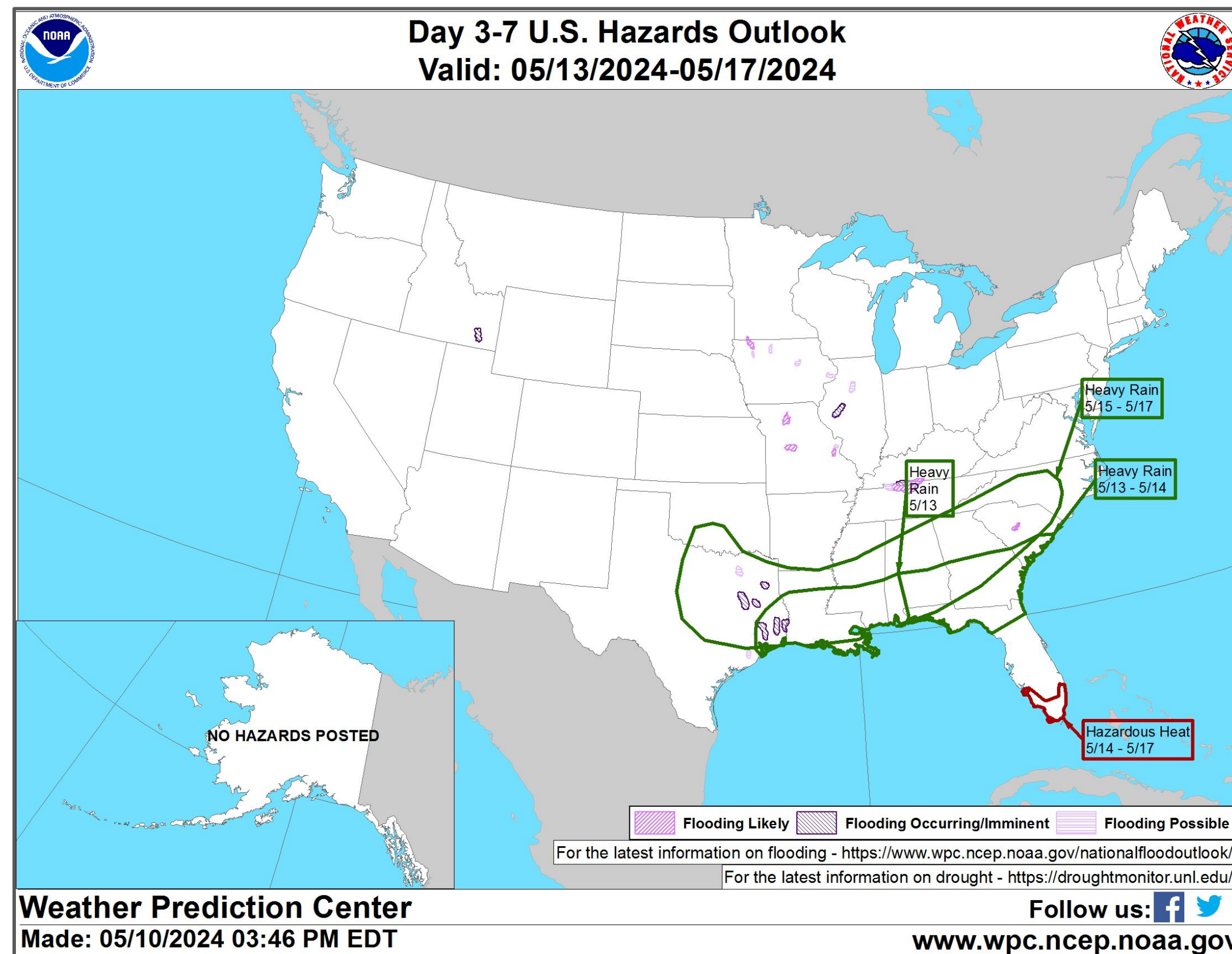


### Excessive Rainfall Outlook





# “Day 3-7” Hazards Outlook



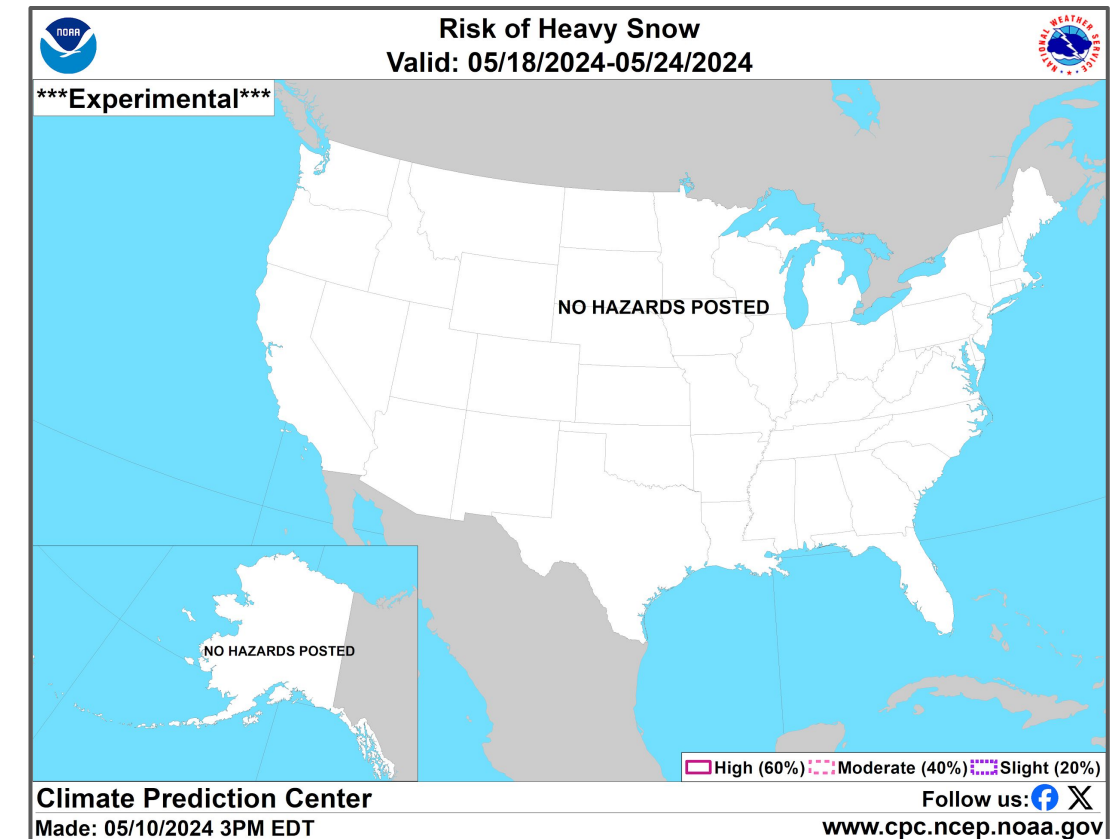
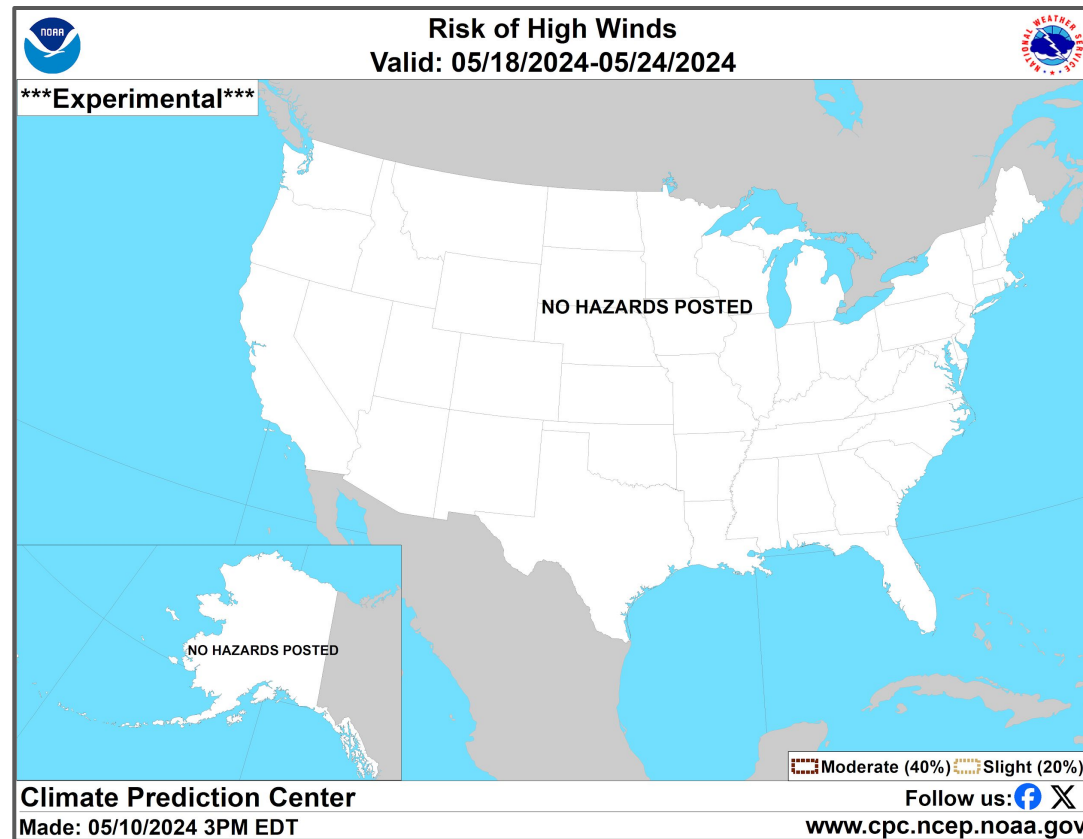
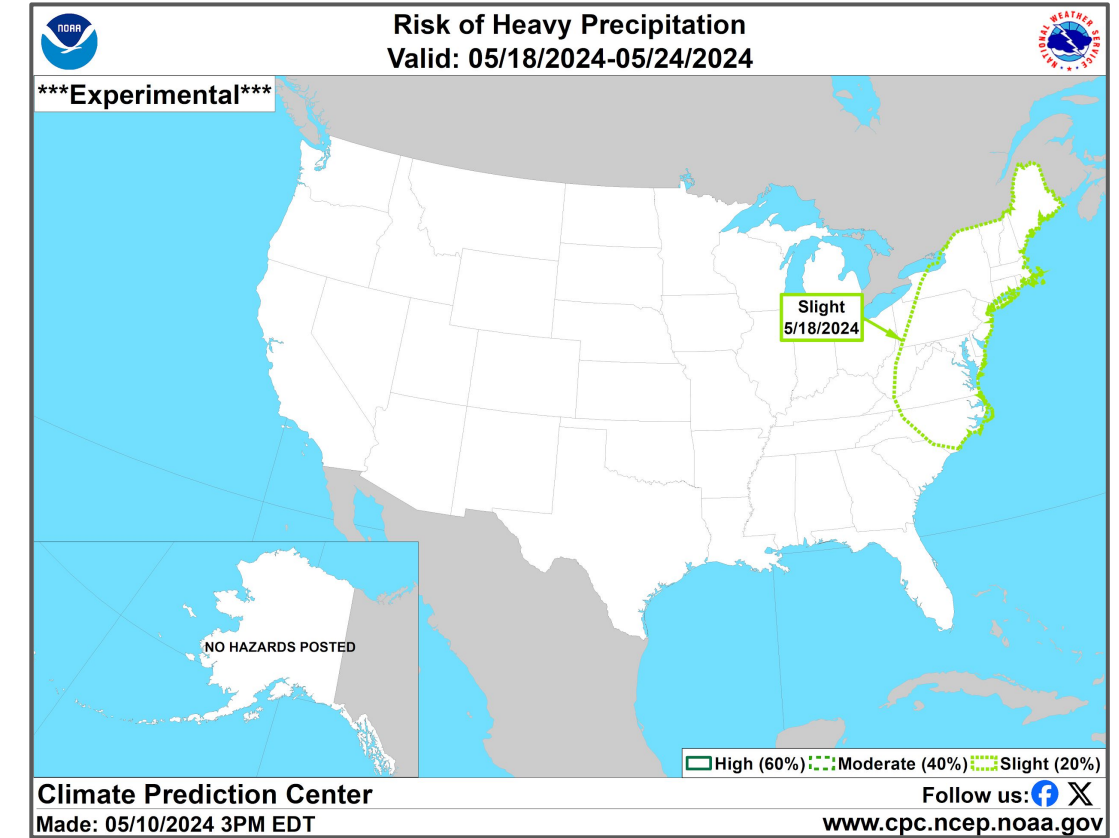
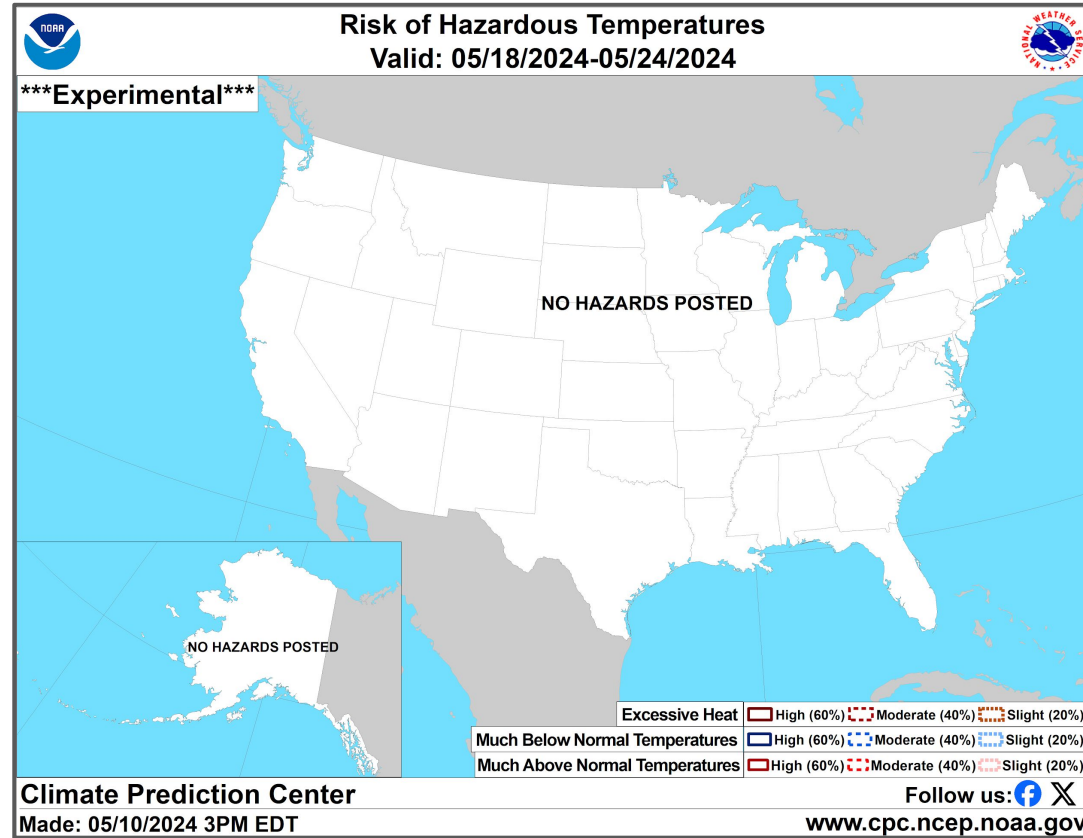
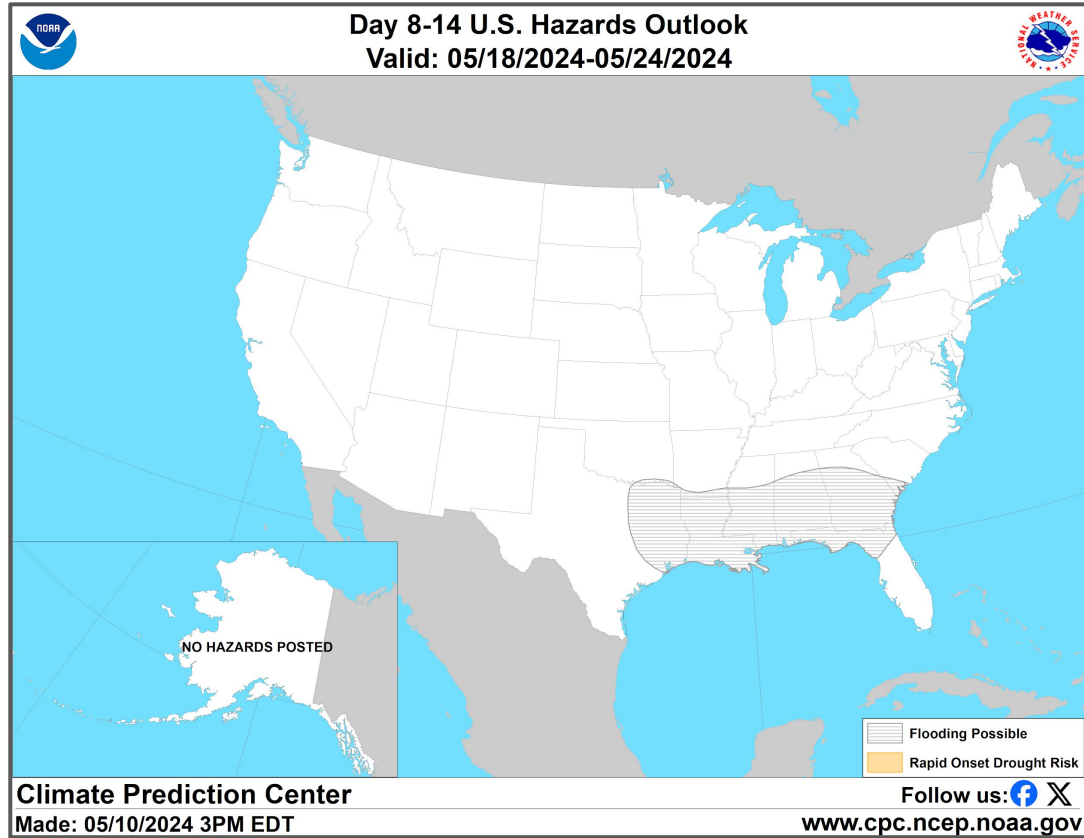
**NOTE:** These outlooks are issued in the afternoon and only issued on weekdays. Because of that and the fact that these slides are issued in the mornings:

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://origin.wpc.ncep.noaa.gov/threats/threats.php>



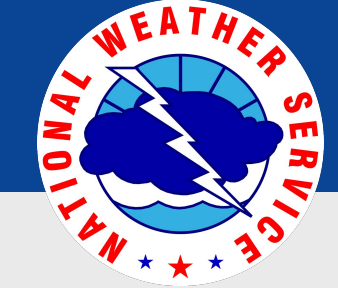
# “Day 8-14” Hazards Outlook



**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:

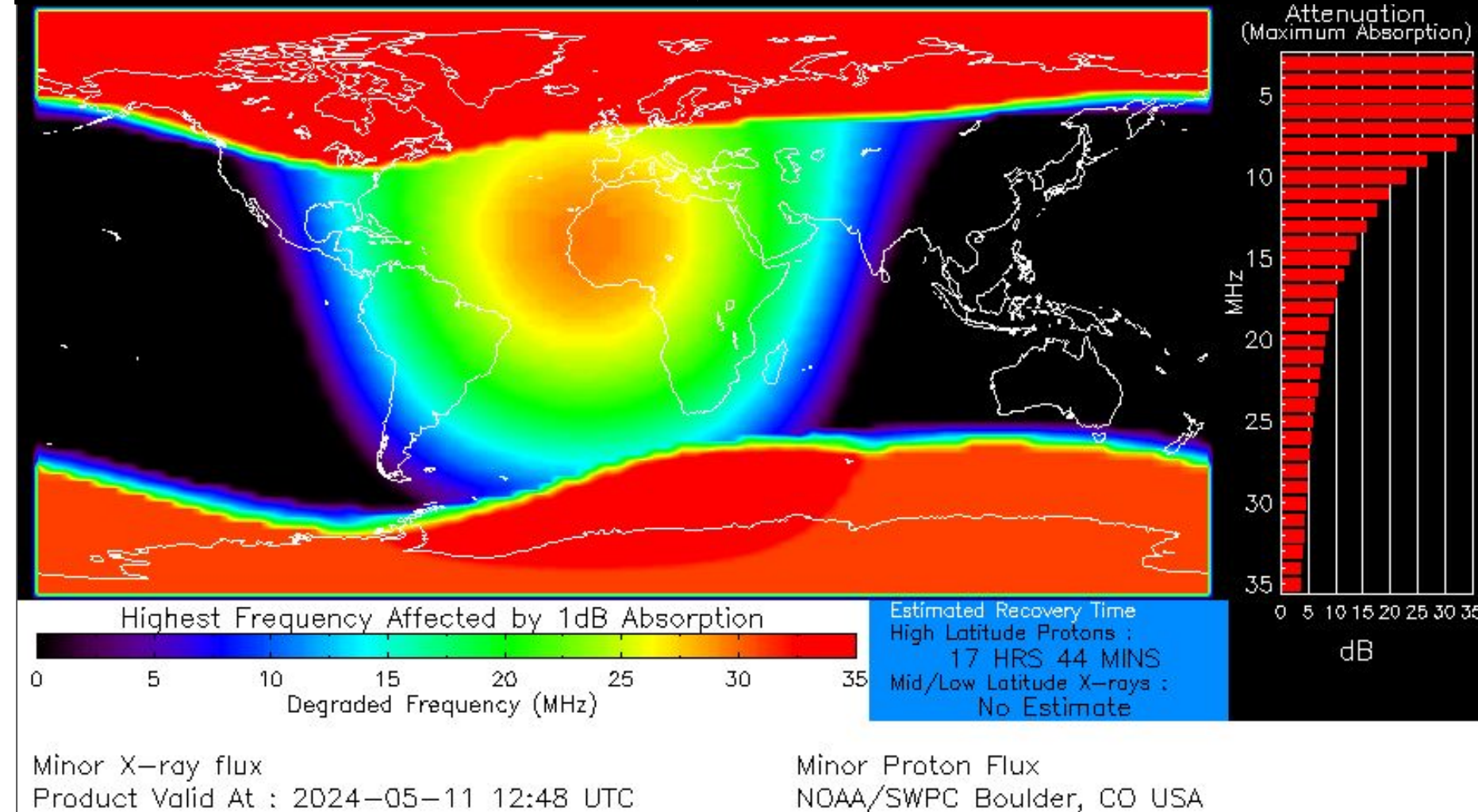
1. The “day 8-14” will really be days 7-13
2. This slide will be hidden on Mondays and Sundays so the data/information is not too old

For additional information on this outlook go to <https://www.cpc.ncep.noaa.gov/products/predictions/threats/threat.php>



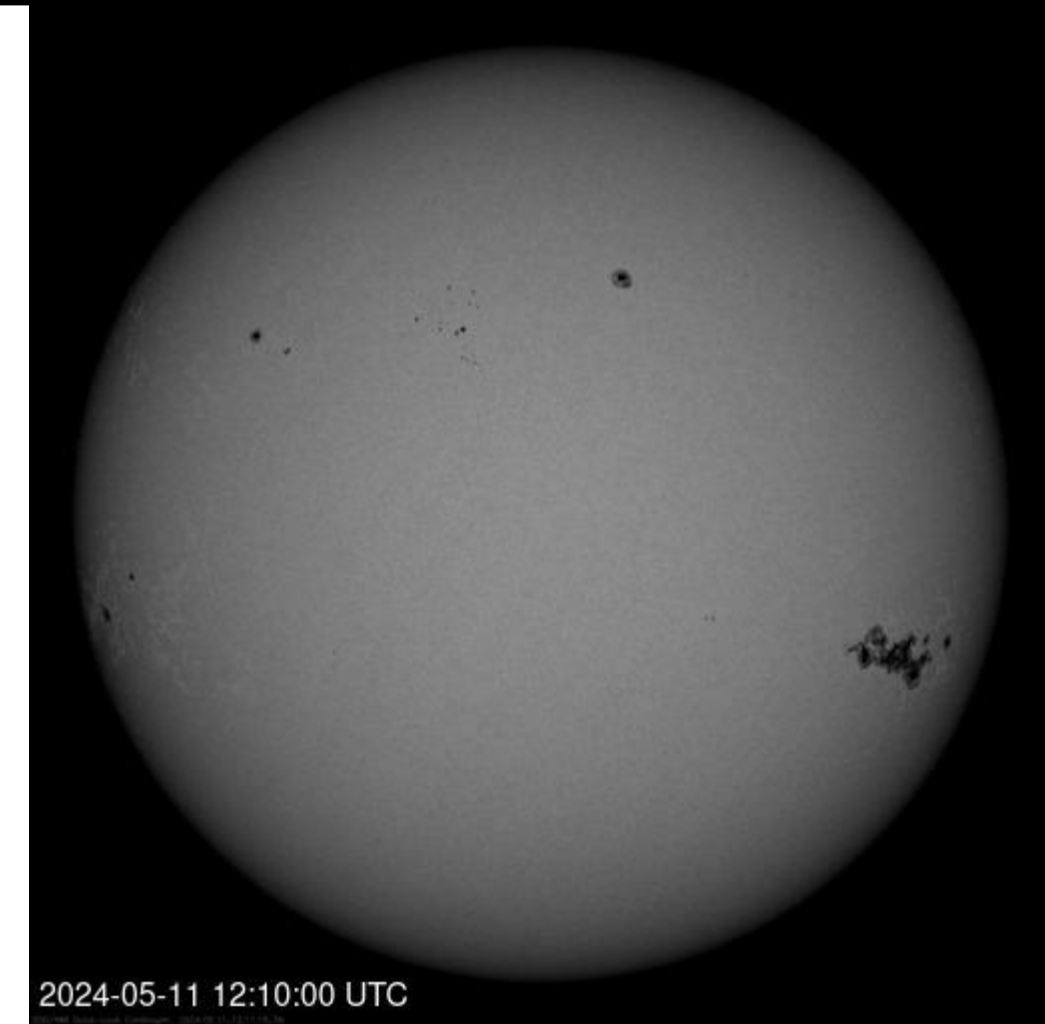
# Space Weather 3-Day Forecast

	Saturday, May 11	Sunday, May 12	Monday, May 13
<b>Geomagnetic Storms</b>	<b>Moderate (G3) (Max Kp = 7)</b>	<b>Moderate (G3) (Max Kp = 7)</b>	<b>Active (Max Kp = 4)</b>
<b>Solar Radiation Storm (S1-S5)</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>
<b>Radio Blackout (R1-R2)</b>	<b>95%</b>	<b>95%</b>	<b>95%</b>
<b>Radio Blackout (R3-R5)</b>	<b>75%</b>	<b>75%</b>	<b>75%</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



**Phone:** (682) 703-3747



**Facebook:** NWSSouthern



**E-mail:** [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)



**Twitter:** NWSSouthern



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

