



# FEMA



Prepared by  
*Melissa Beat*

# FEMA Region 6 Weather Threat Briefing

## Wednesday, May 22, 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

- **Near daily risk for severe thunderstorms across W-Ctrl/N TX, OK, AR, and N LA through the upcoming weekend. Storms may produce heavy rainfall today and Thursday.**
- **Early season heat in S TX continues and expands further north into S-Ctrl this holiday weekend.**
- **Elevated to critical fire weather conditions in NM, Far W TX through the weekend.**
- **Moderate with isolated major river flooding across E/SE TX and LA through the week will gradually improve with lessening impacts.**
- **No tropical cyclone activity is expected during the next 7 days.**





# FEMA Region 6 Threat Matrix

Next 5 Days

	Wednesday, May 22	Thursday, May 23	Friday, May 24	Saturday, May 25	Sunday, May 26
Severe Storms	SE OK, AR, N/W-Ctrl TX, NW LA	OK, AR, N TX, NW LA	E OK, N ETX, AR	OK, AR, N TX	NE AR
Heavy Rain / Flash Flooding	SE OK, AR, N ETX, N LA	SE OK, AR, N ETX	AR, N ETX	NE OK, N AR	
Fire Weather	NM, W TX	NM, W TX	W NM	NM, W TX	NM, W TX
Wind					
Heat	STX	S TX	S, S-Ctrl TX	S, S-Ctrl TX	S, S-Ctrl TX
River Flooding	E/SE TX, LA	E/SE TX, LA	E/SE TX, LA	E/SE TX, LA	E/SE TX, LA

*\*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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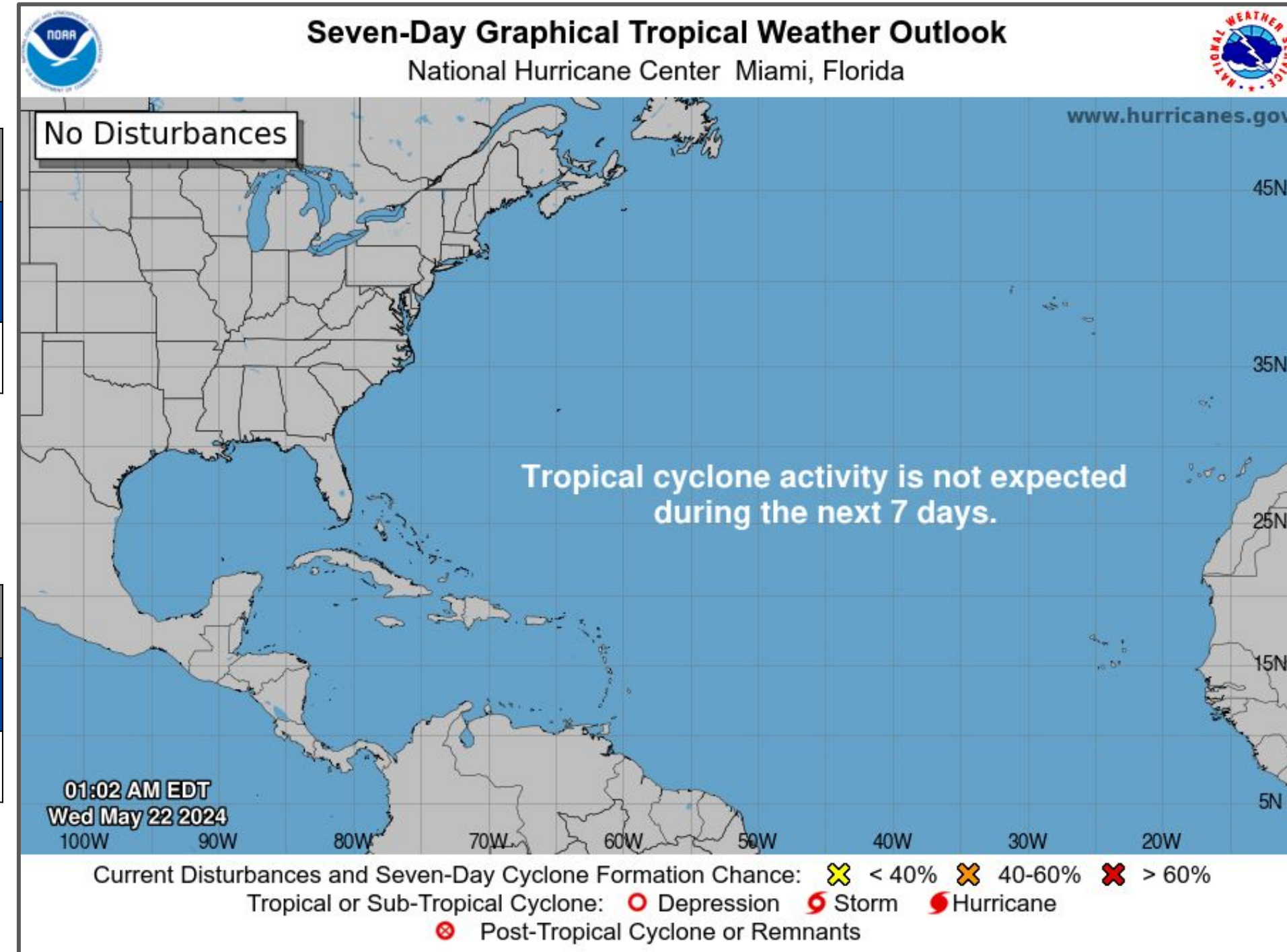
# Tropical Weather Outlook – Atlantic/Gulf

## Areas of Possible Development

Area	Chance of Development	Potential Impacts to FEMA 6

## Active Tropical Cyclones

Storm	Potential Impacts to FEMA 6



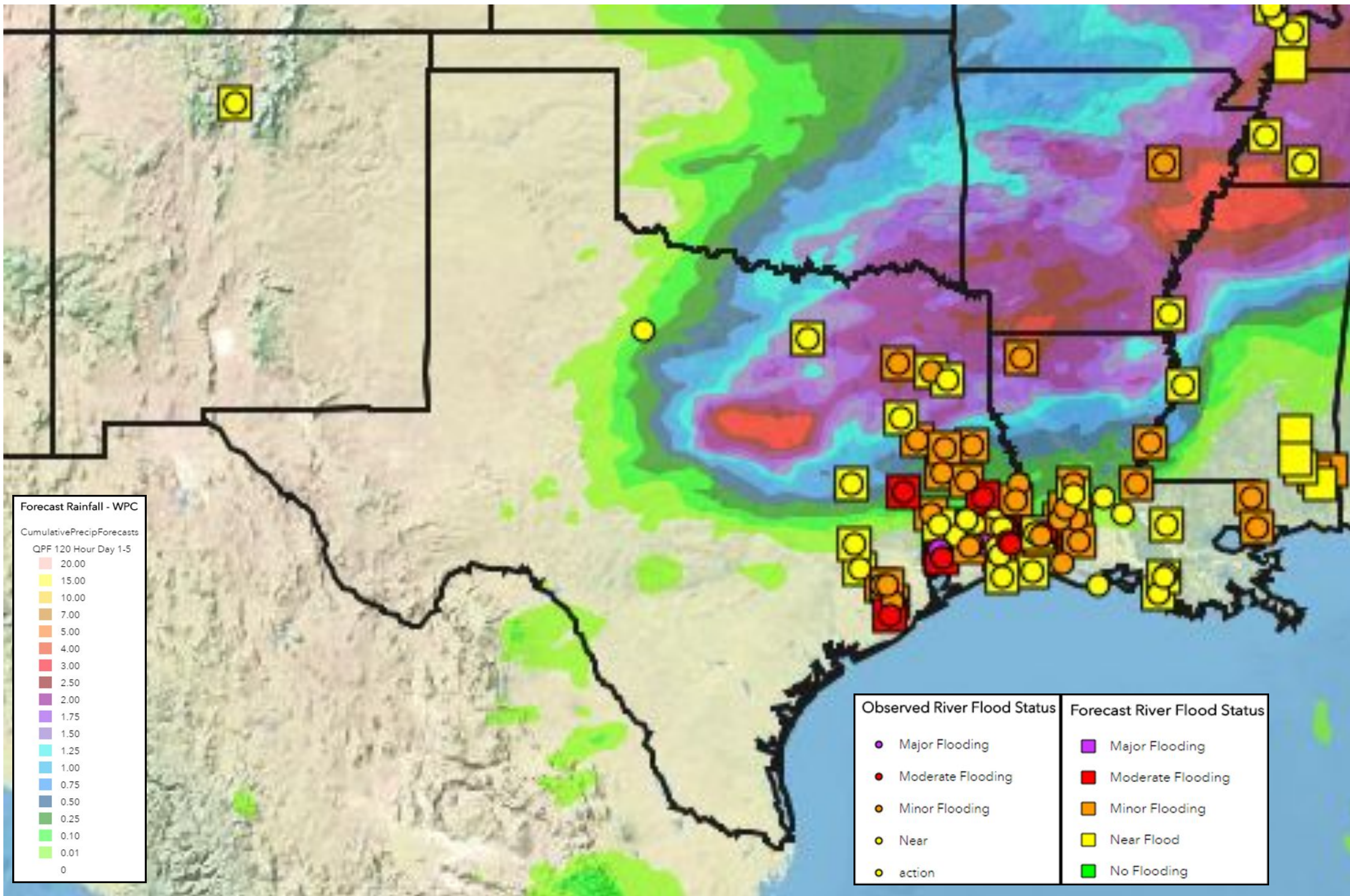
See <http://www.hurricanes.gov> for the latest on the tropics or any active storms





# 5-Day Precipitation Forecast & River Flood Status

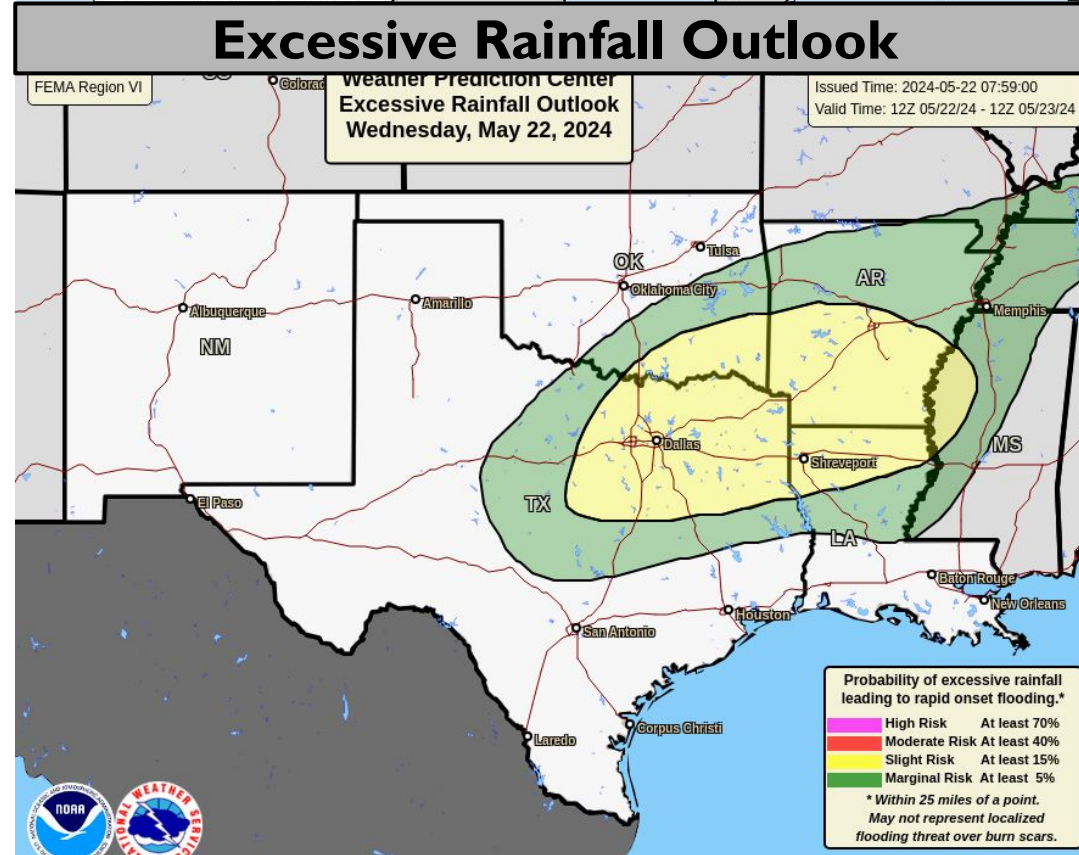
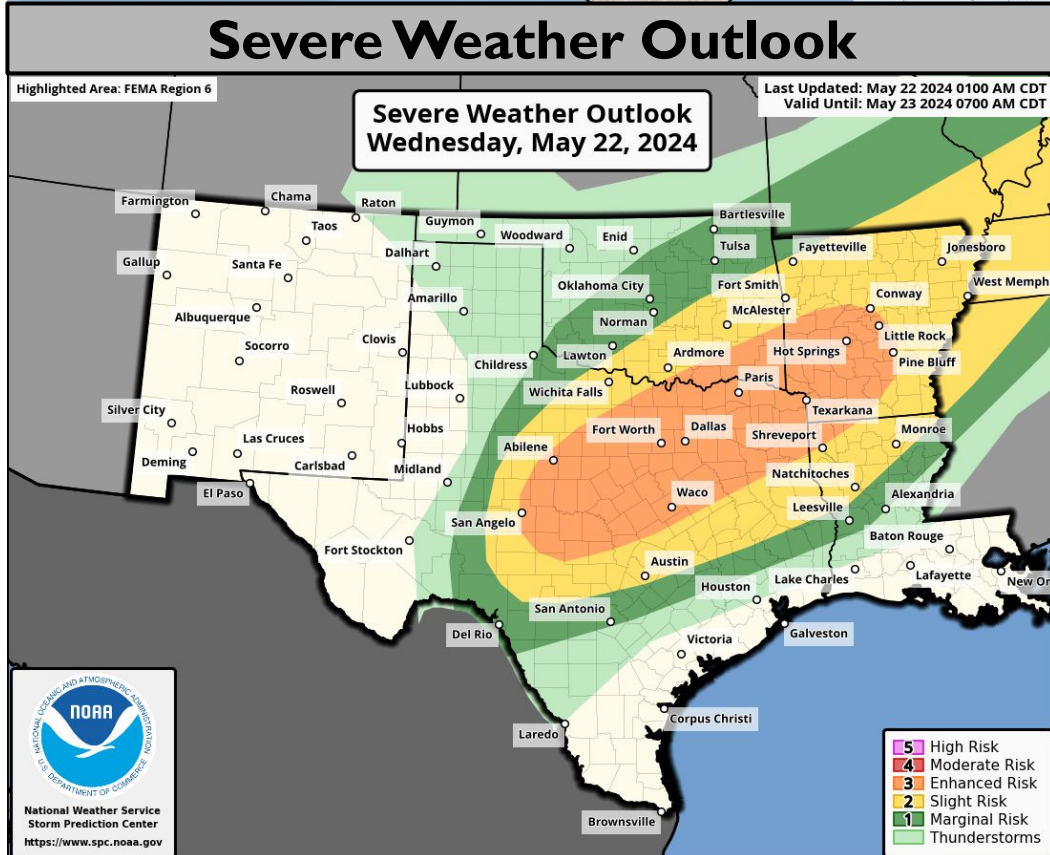
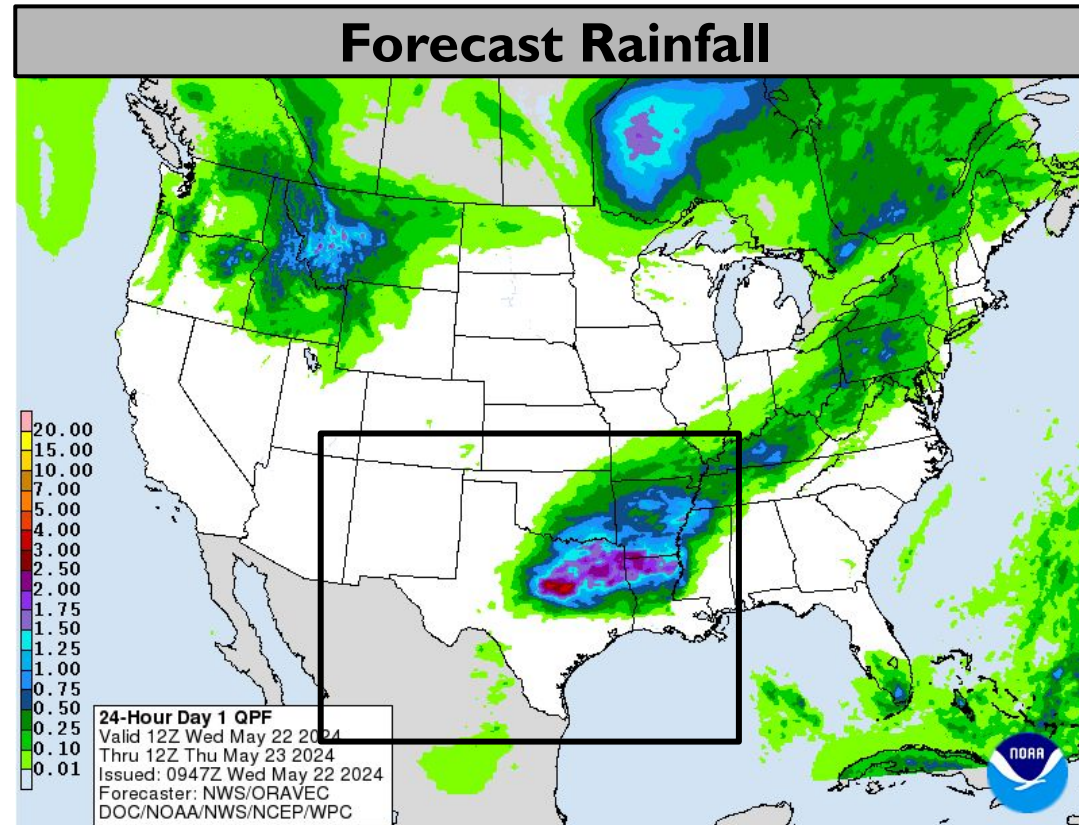
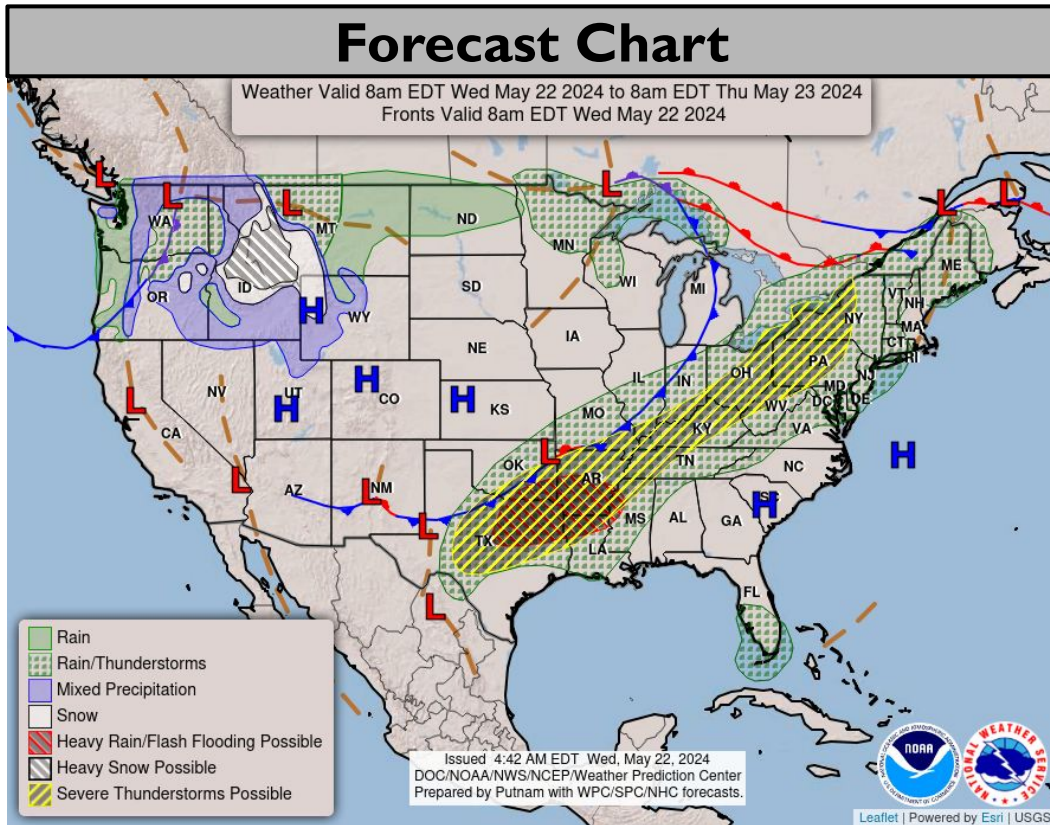
*Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall*



**Moderate with isolated Major river flooding SE TX and LA will gradually improve with lessening impacts.**



# Today's Weather



**Enhanced risk for severe storms in SE OK, AR, N/W-Ctrl TX, NW LA.**

**Slight risk for heavy rainfall in SE OK, AR, NETX, N LA.**

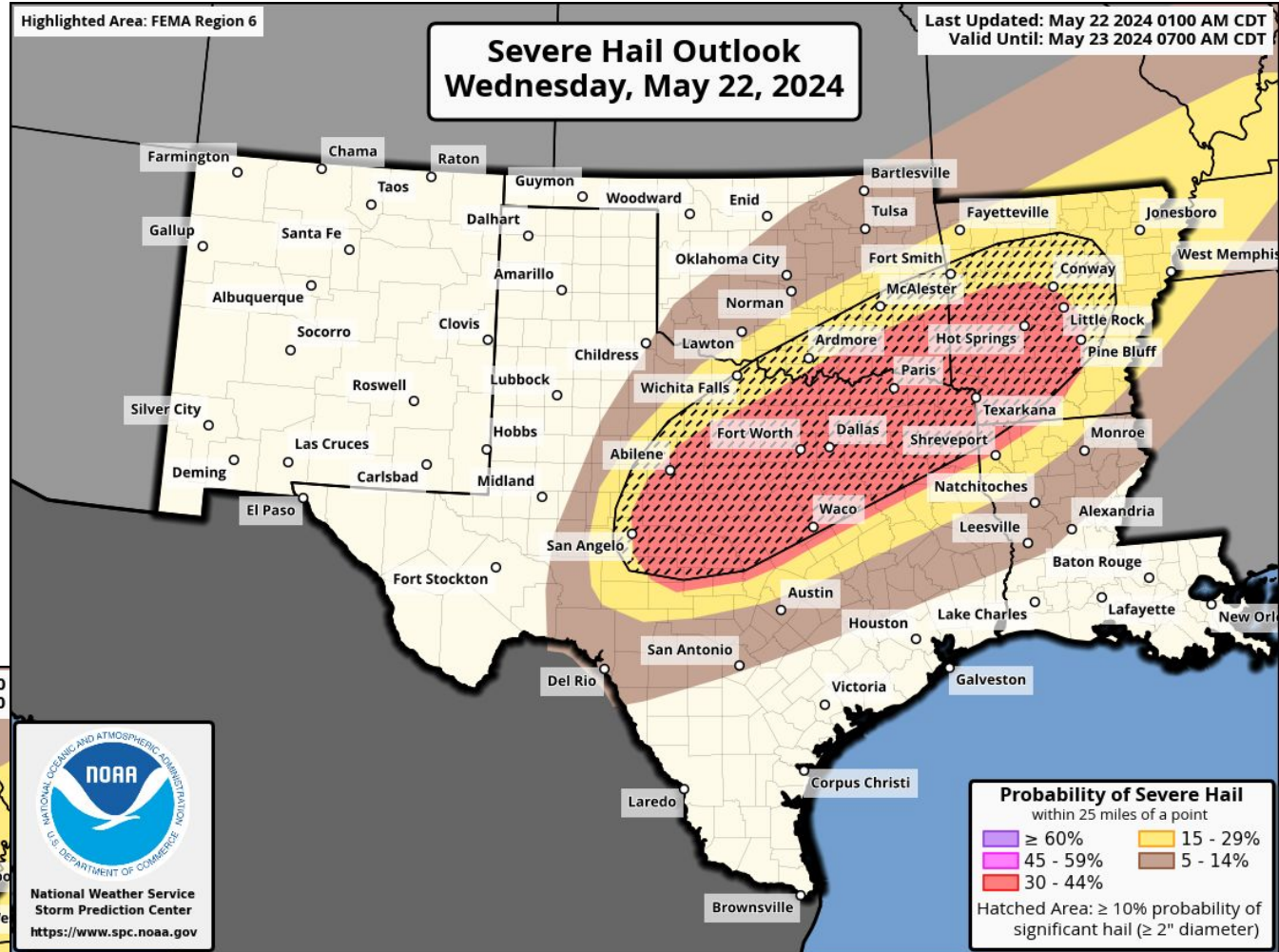
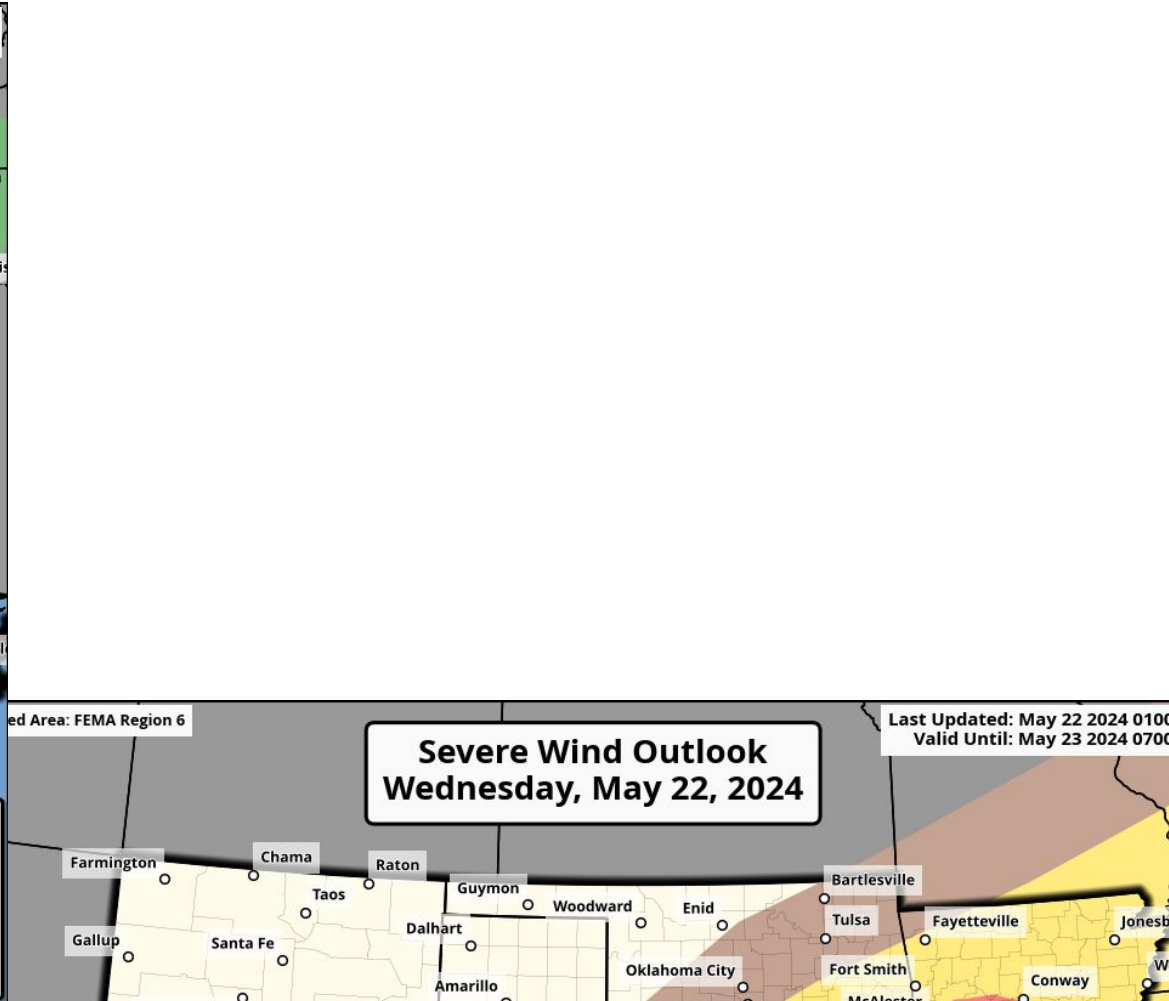
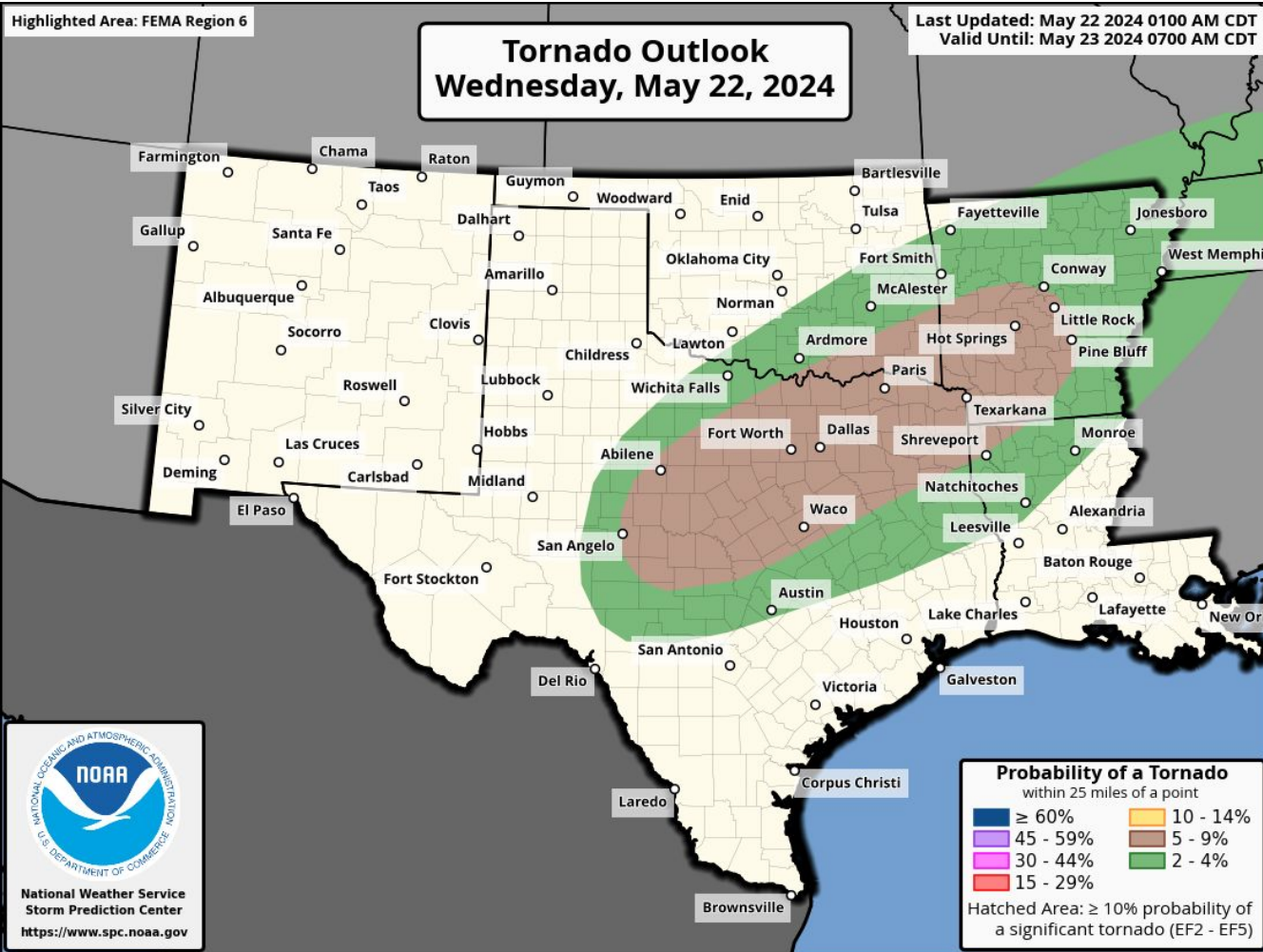
**Heat index values over 100 in SE TX and 105-115 in STX.**

**Elevated fire weather conditions in NM, Far W TX.**



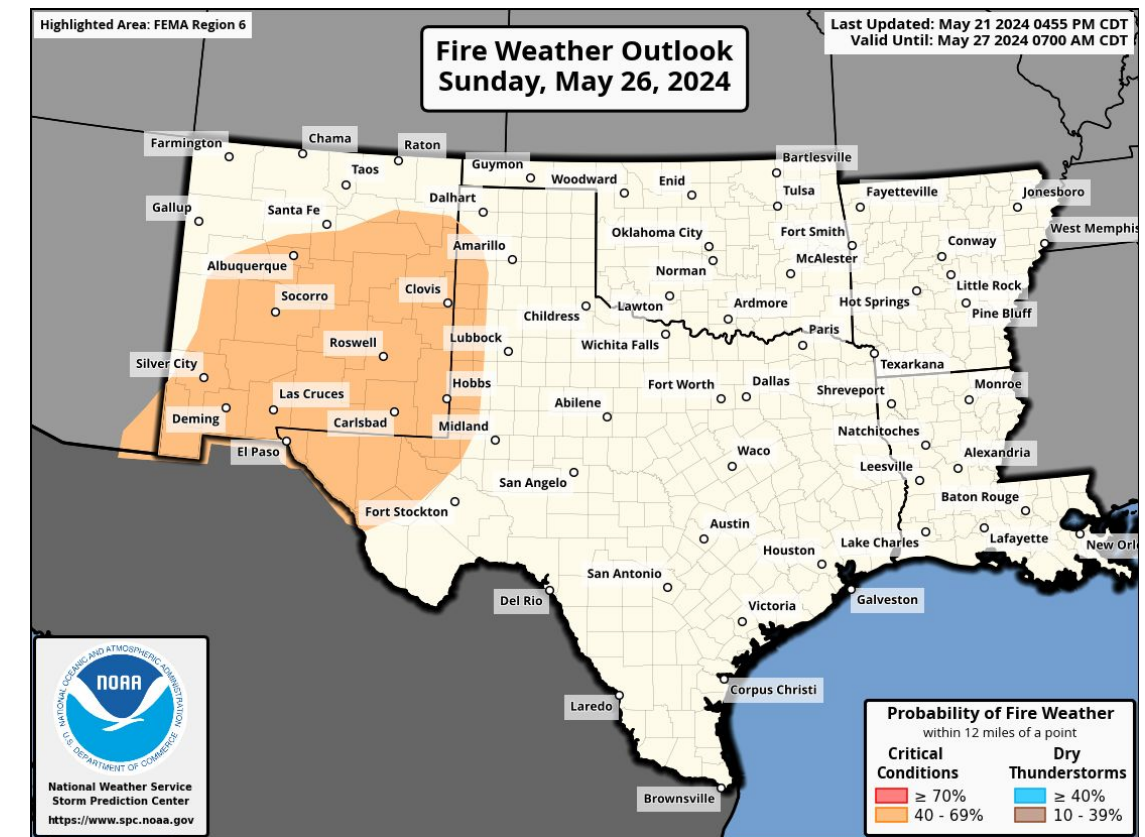
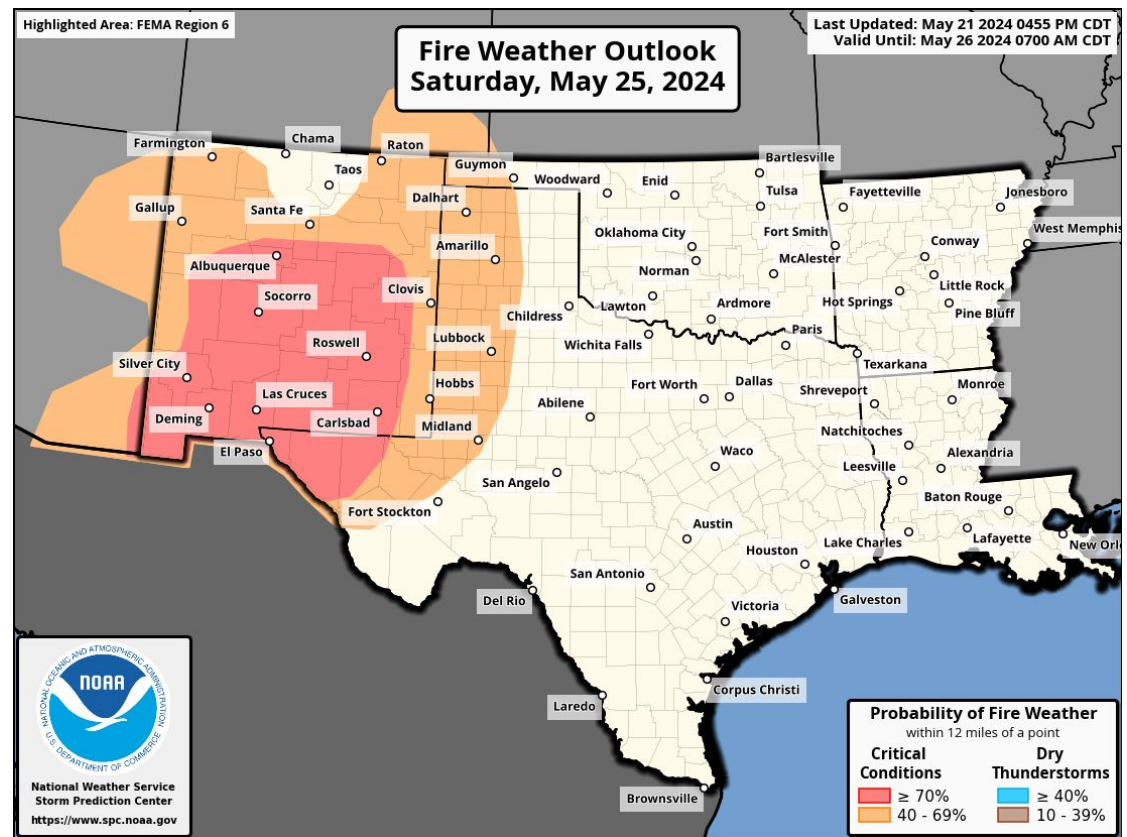
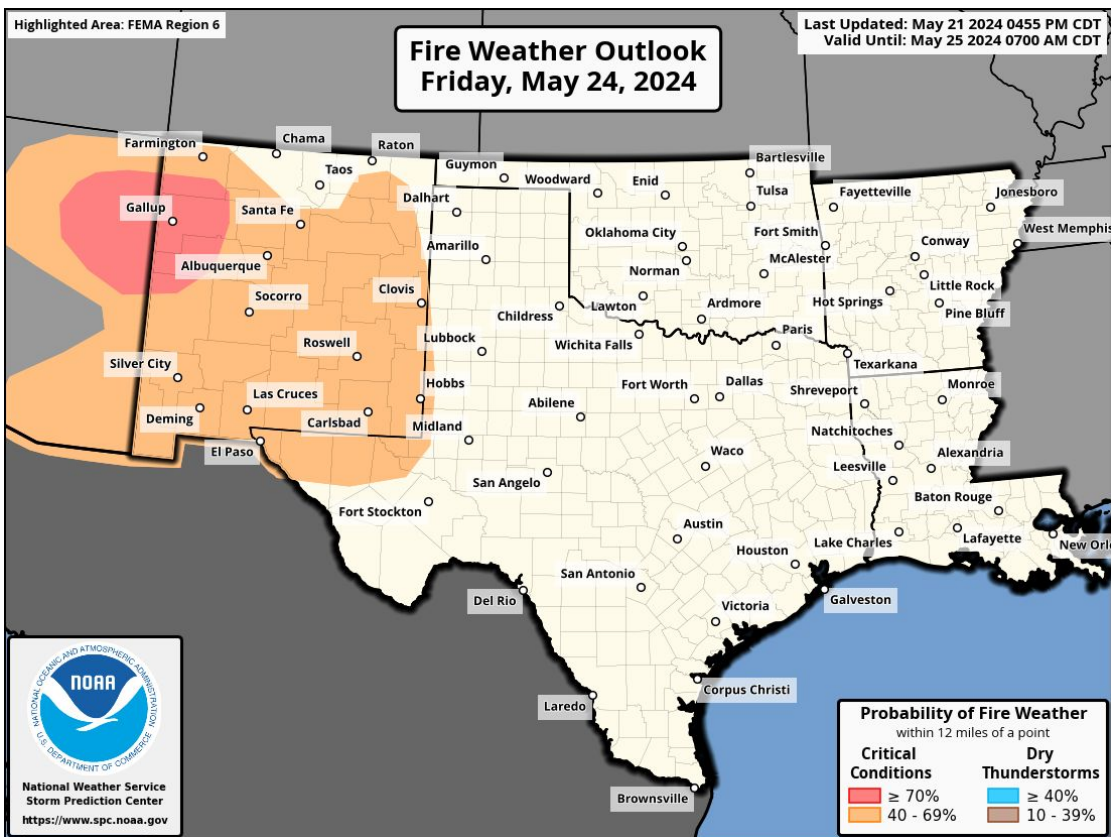
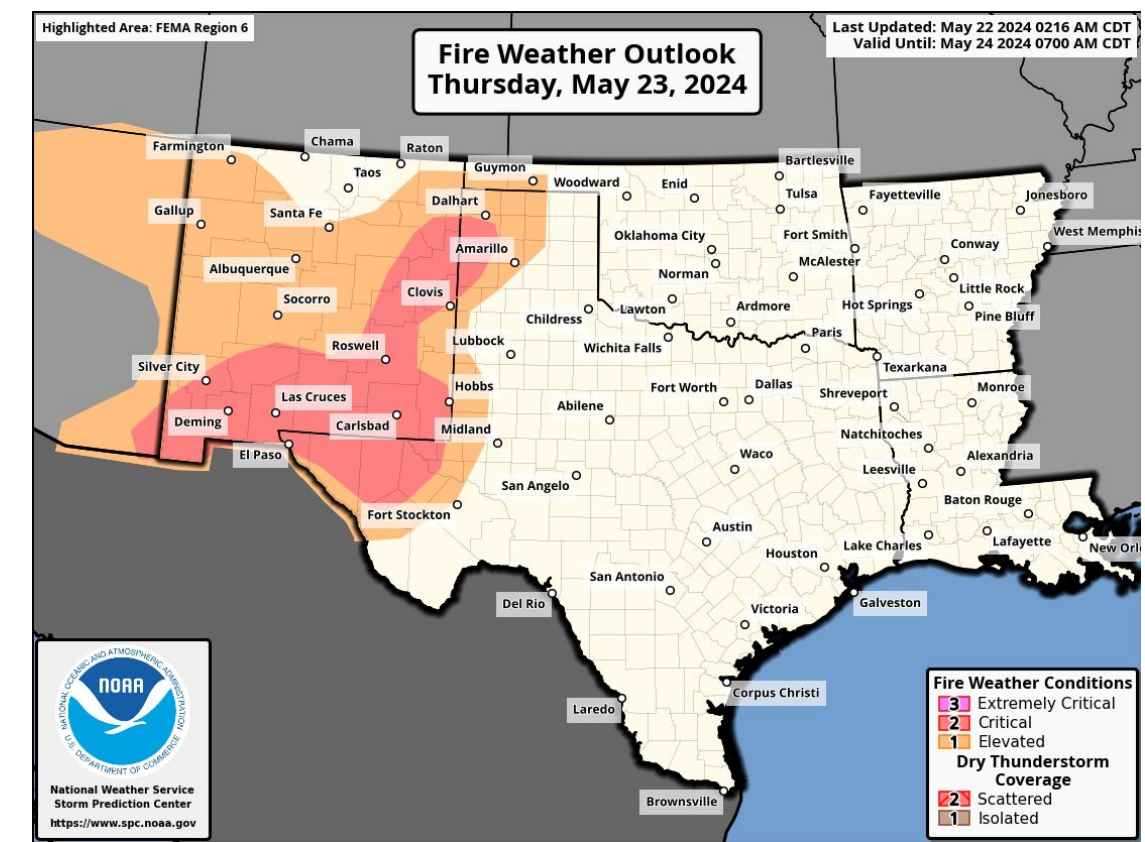
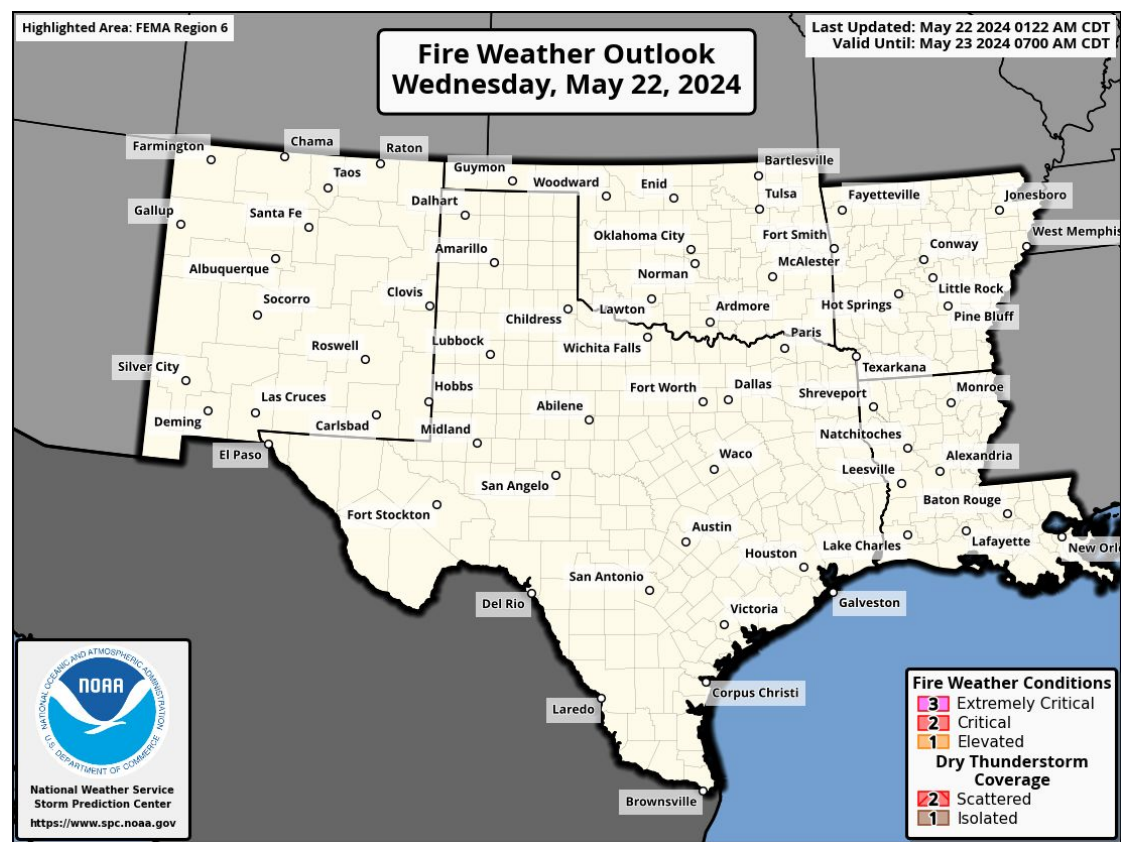
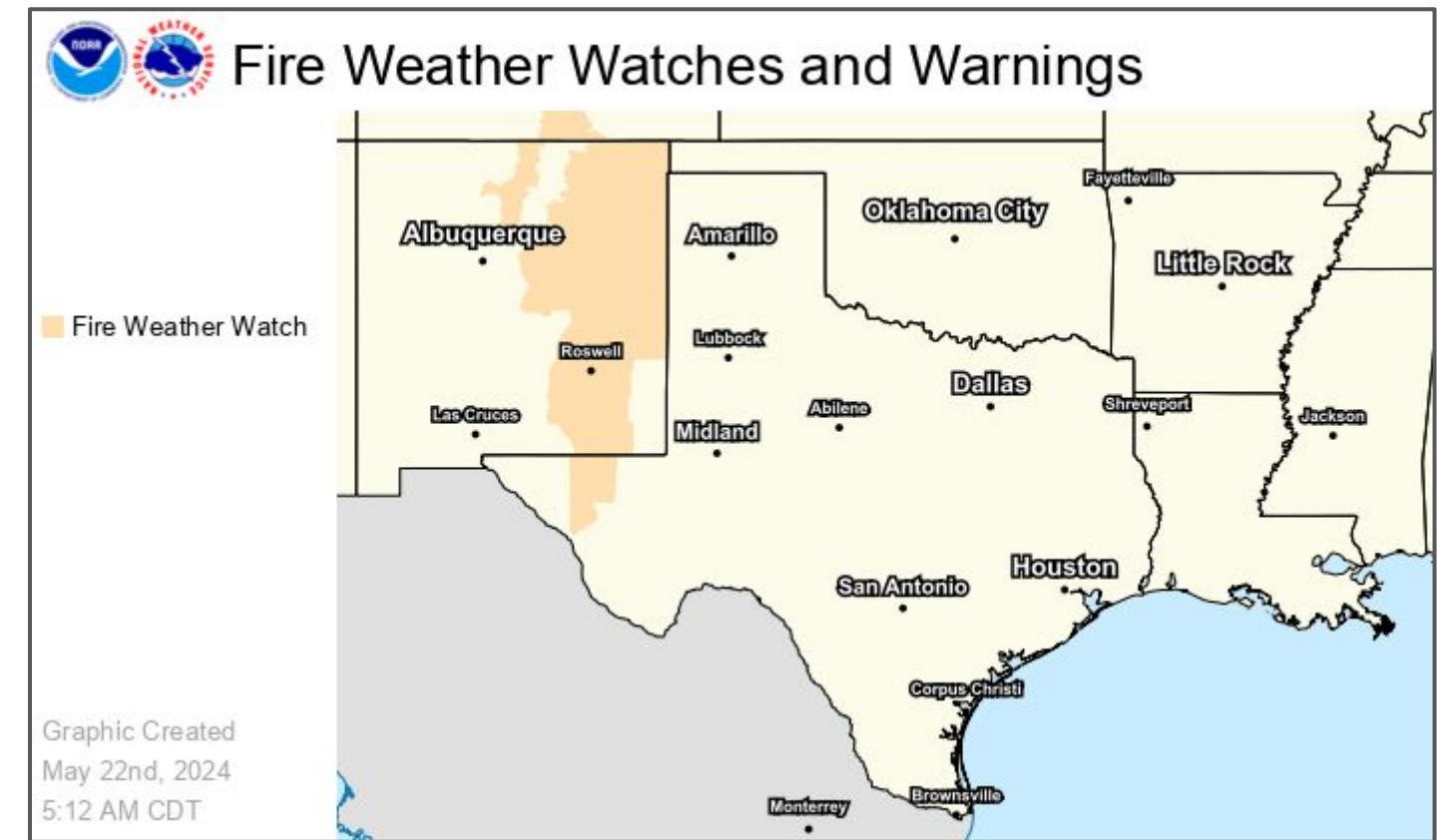
# Today's Tornado & Severe Wind / Hail Probabilities

May 22, 2024





# Fire Weather Outlooks



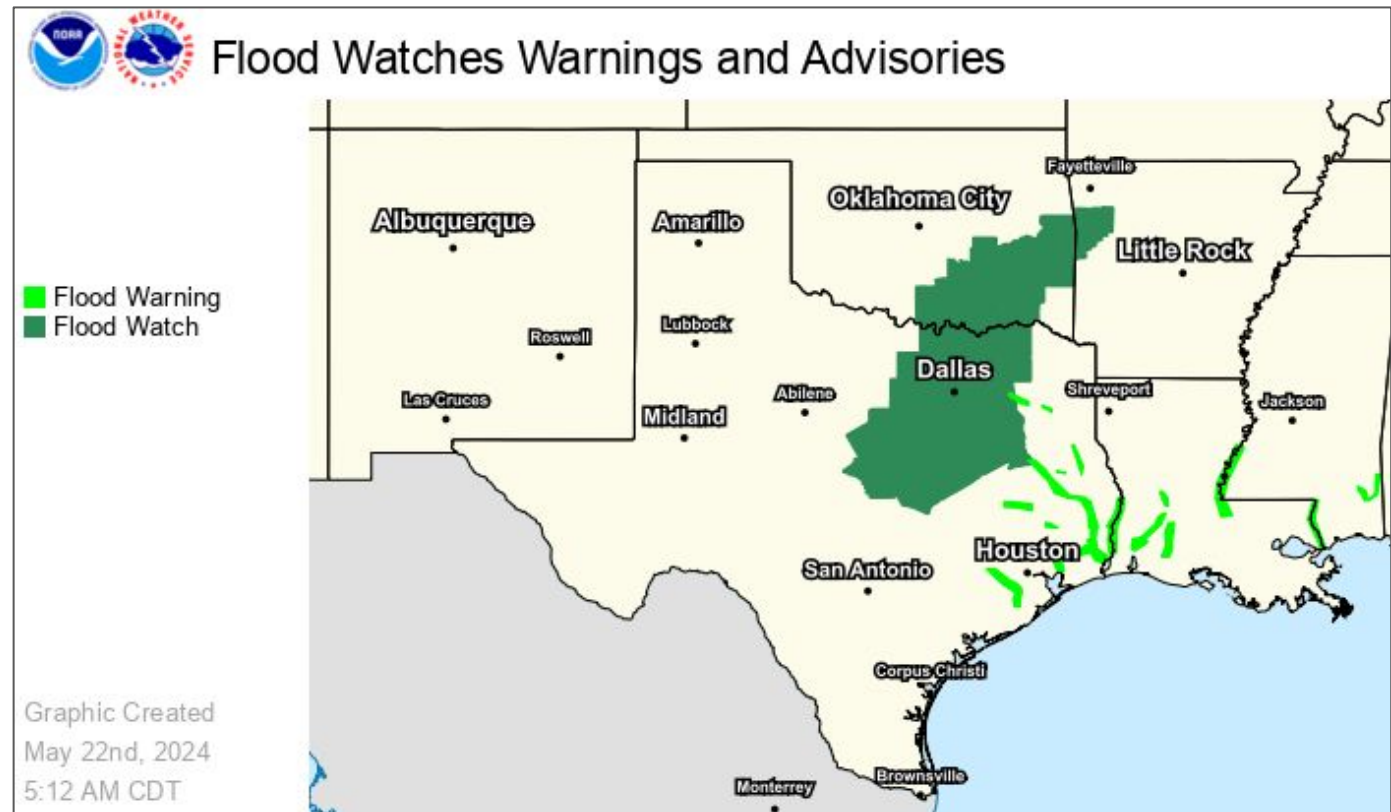
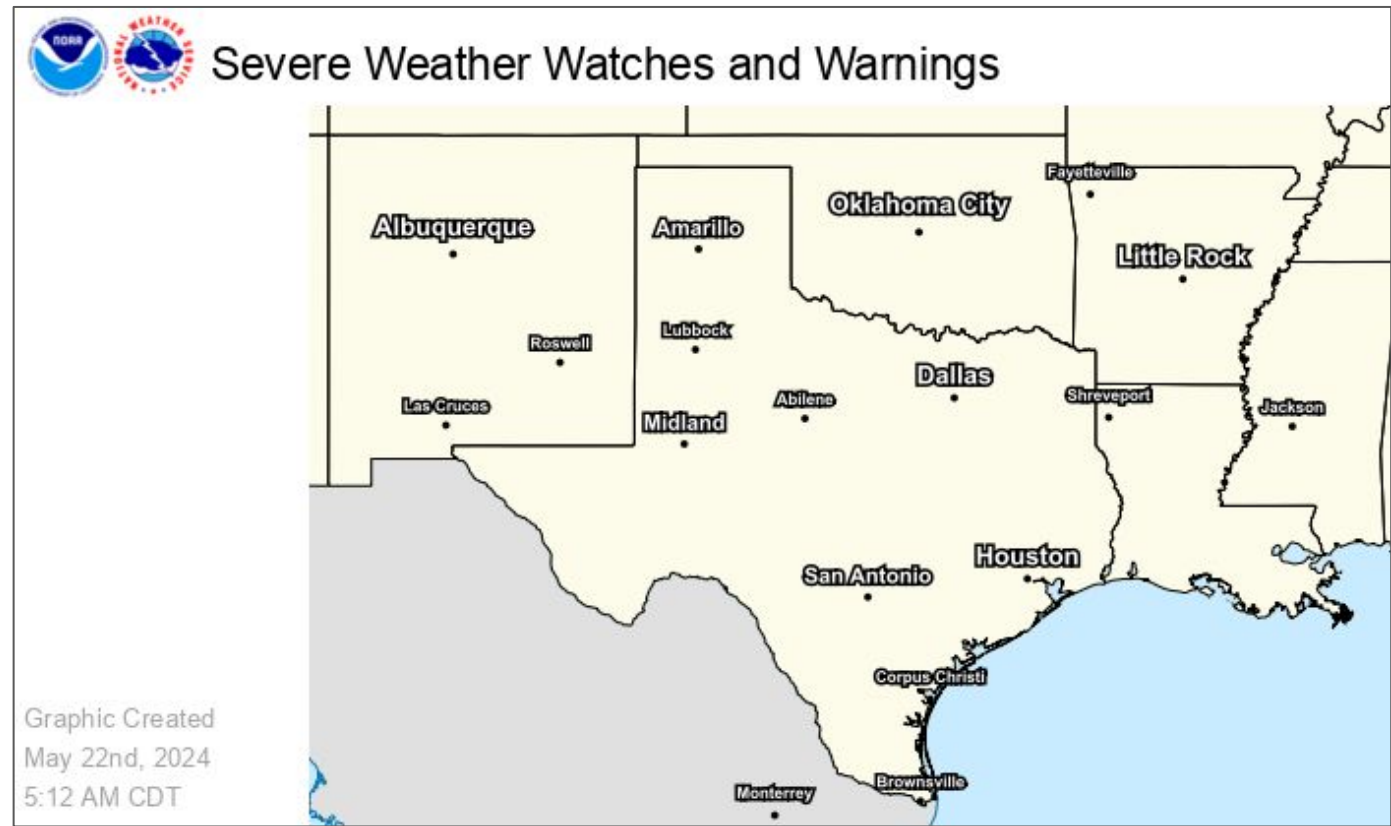




# Watches, Warnings, and Advisories

## Wind, Severe, Winter, and Flood Hazards

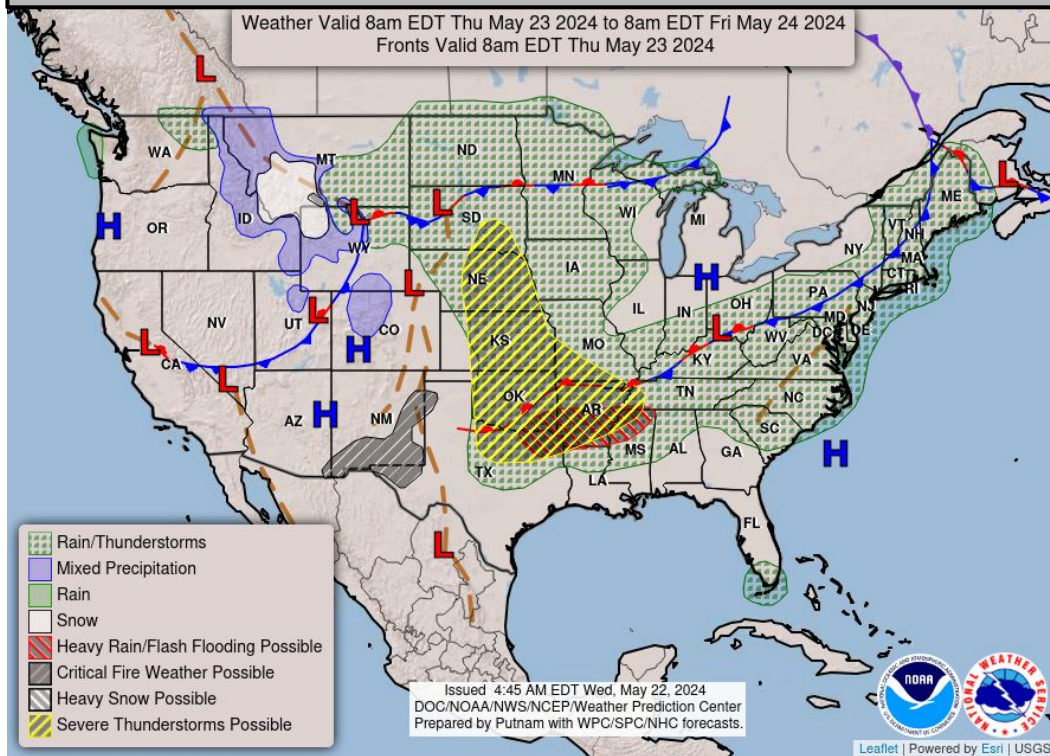
**A Flood Watch  
is in effect from 10 AM  
today through late  
Thursday night for SE  
OK, W AR, N TX.**



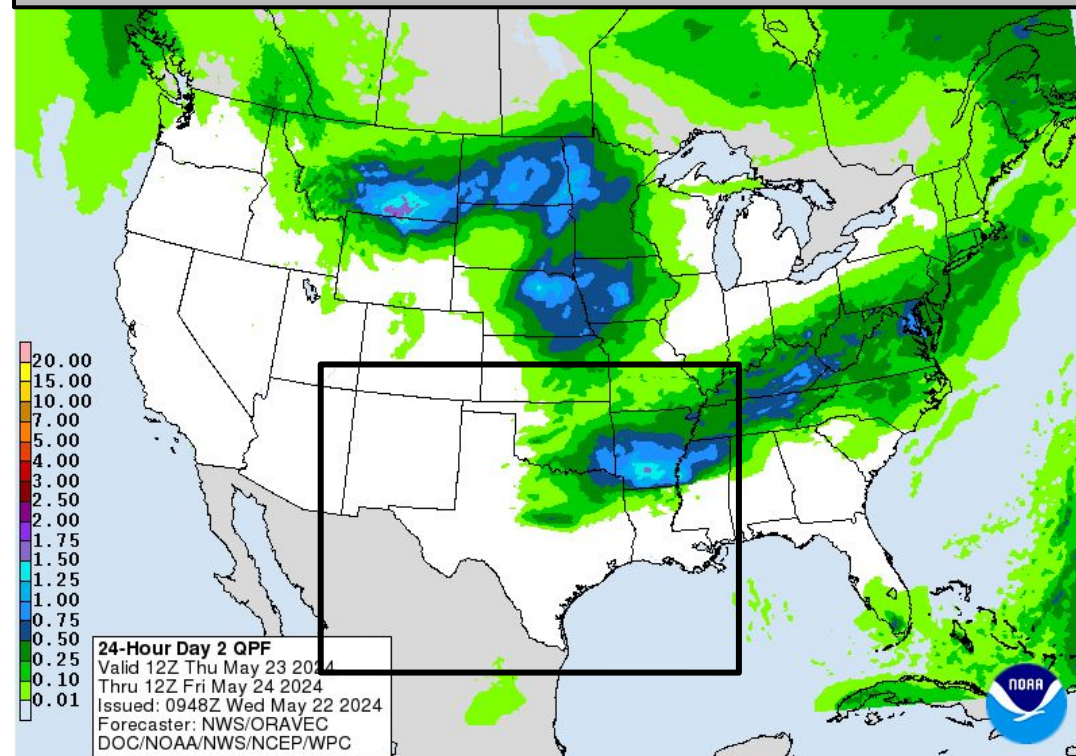


# Tomorrow's Weather

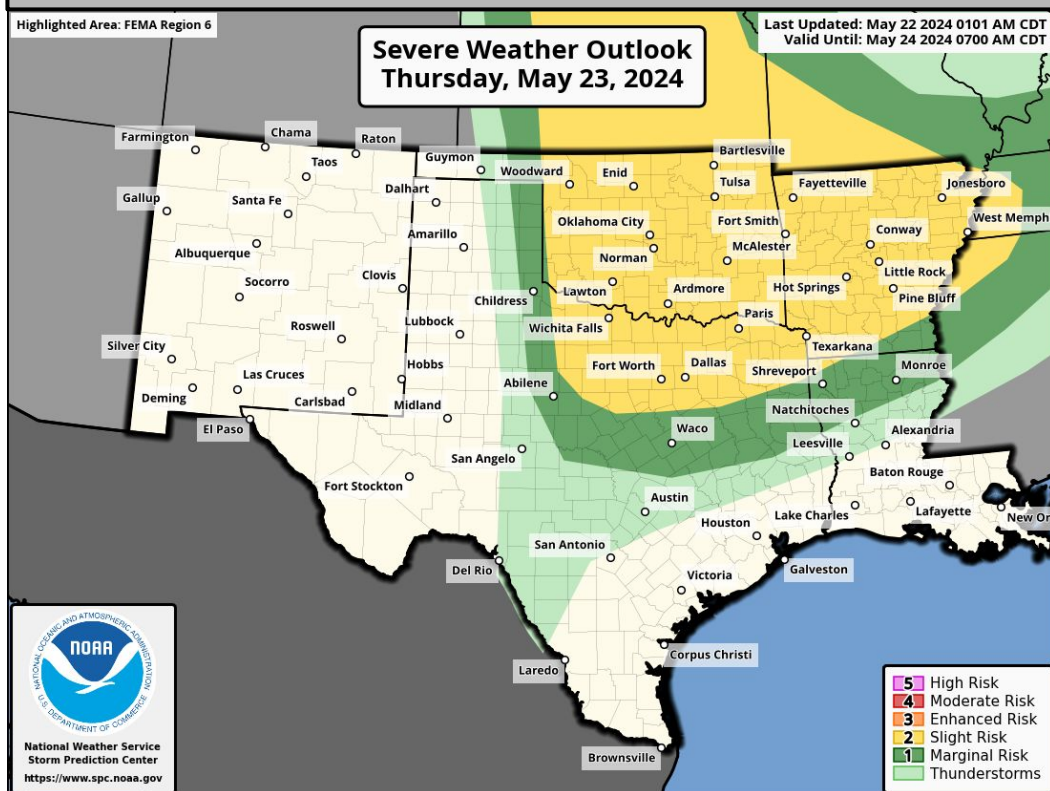
## Forecast Chart



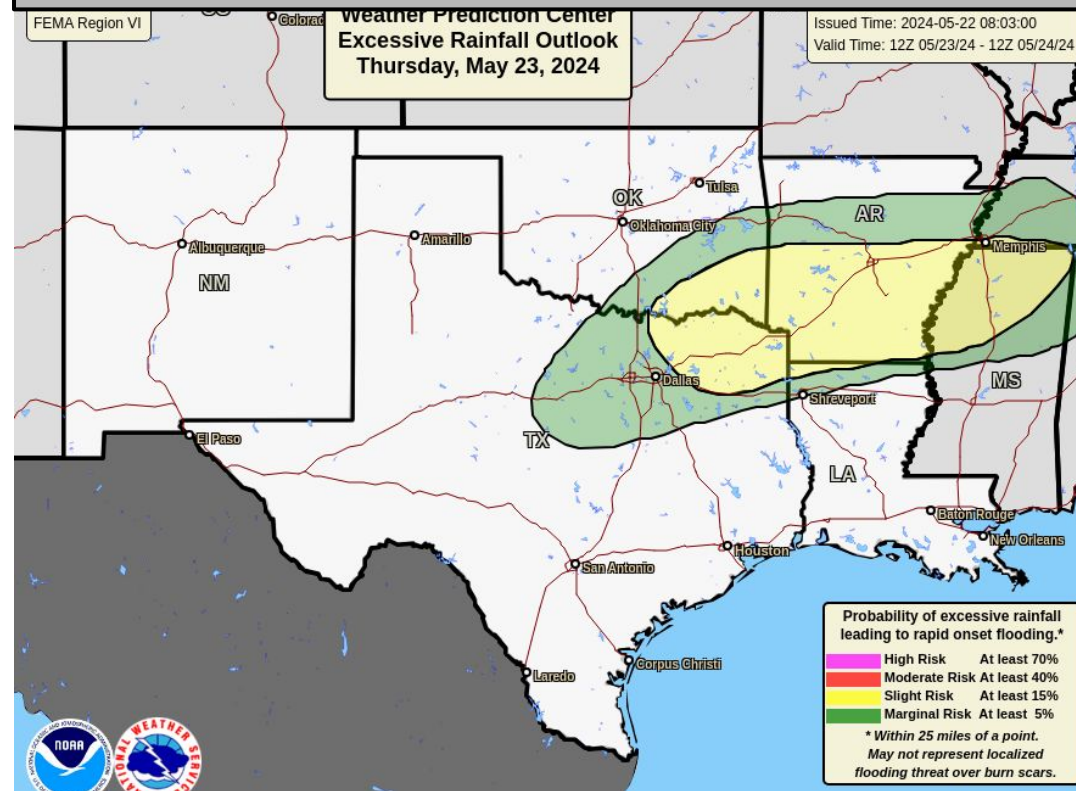
## Forecast Rainfall



## Severe Weather Outlook



## Excessive Rainfall Outlook



**Slight risk for severe storms over OK, AR, N TX, NW LA.**

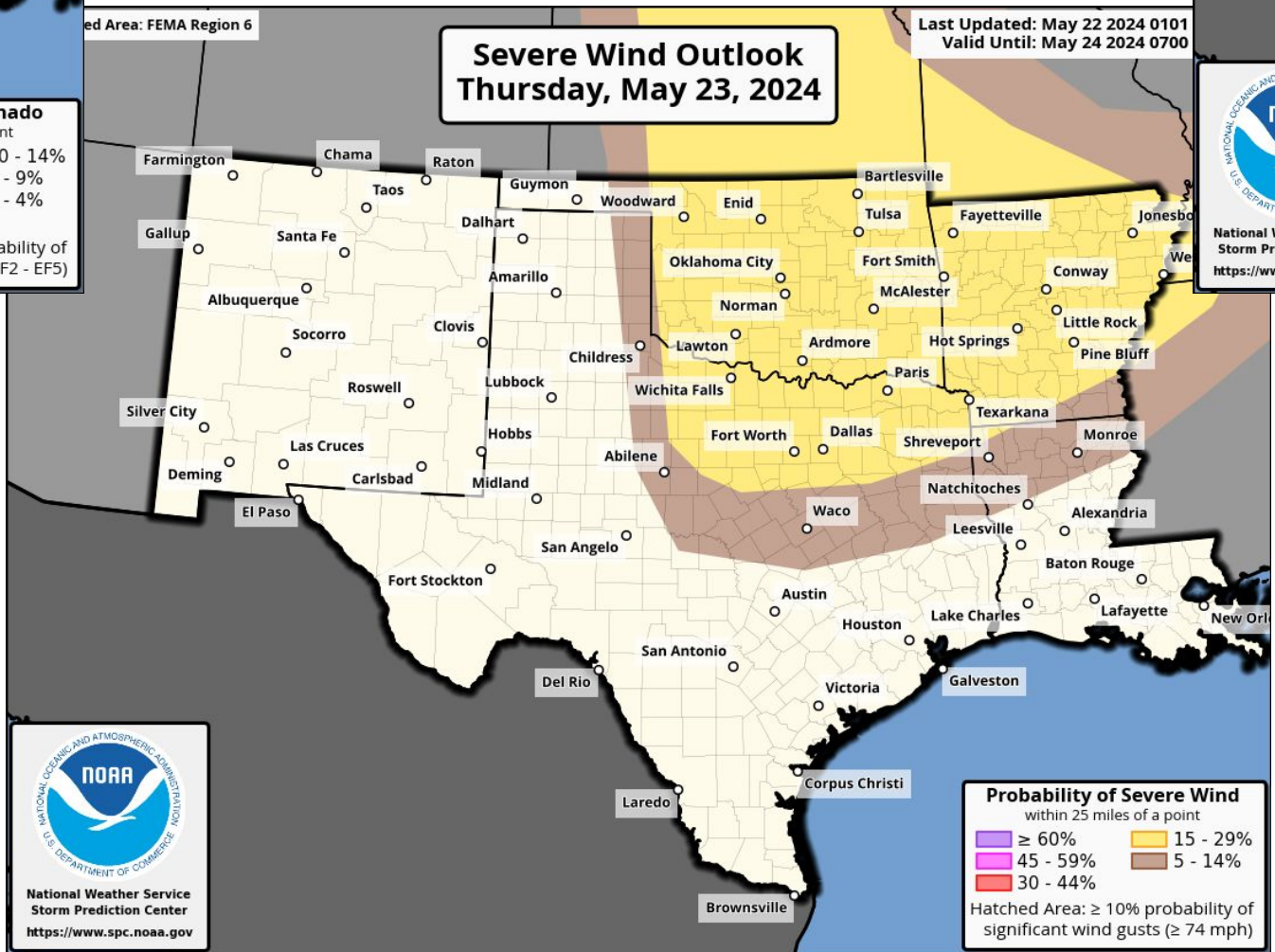
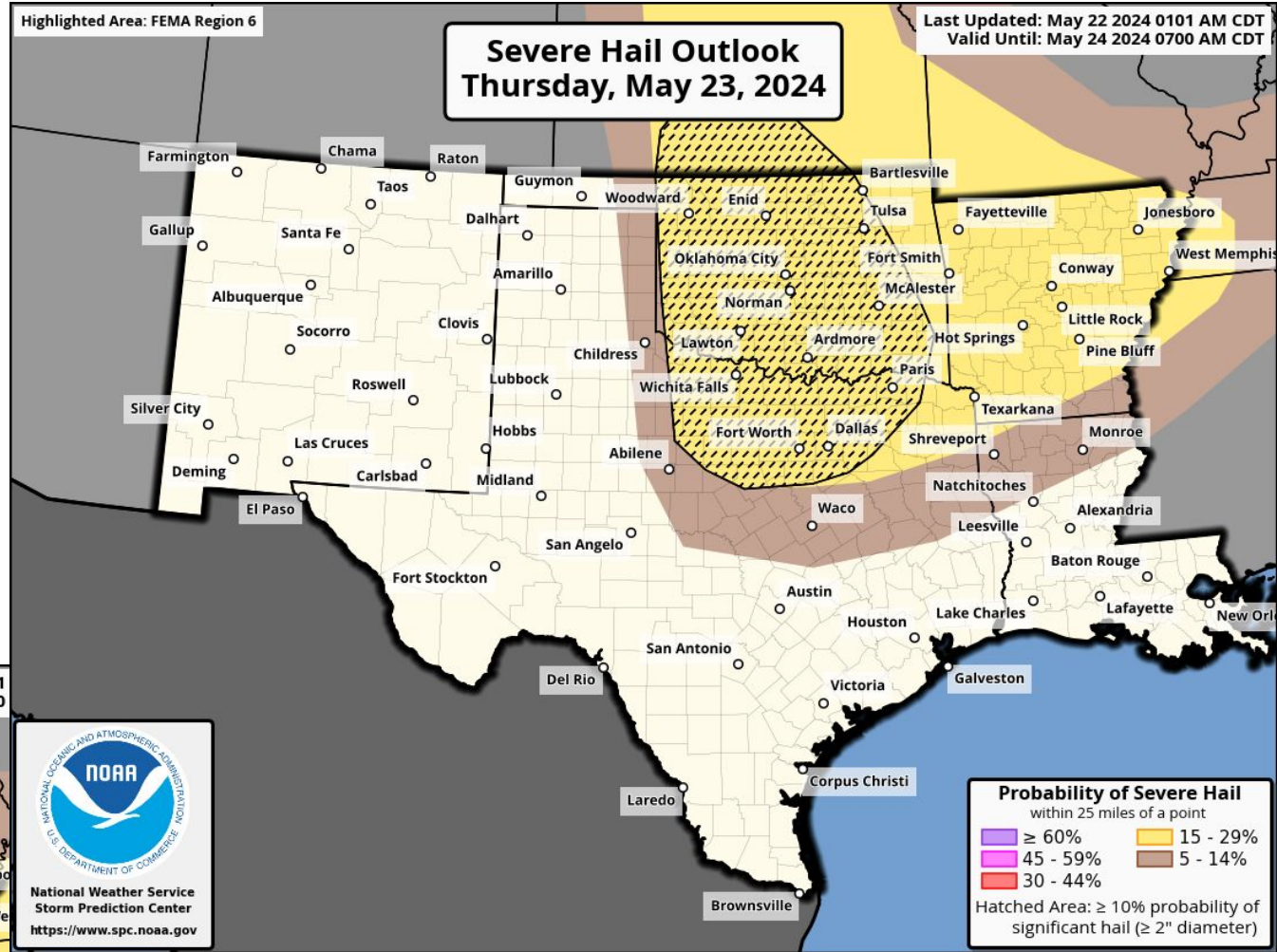
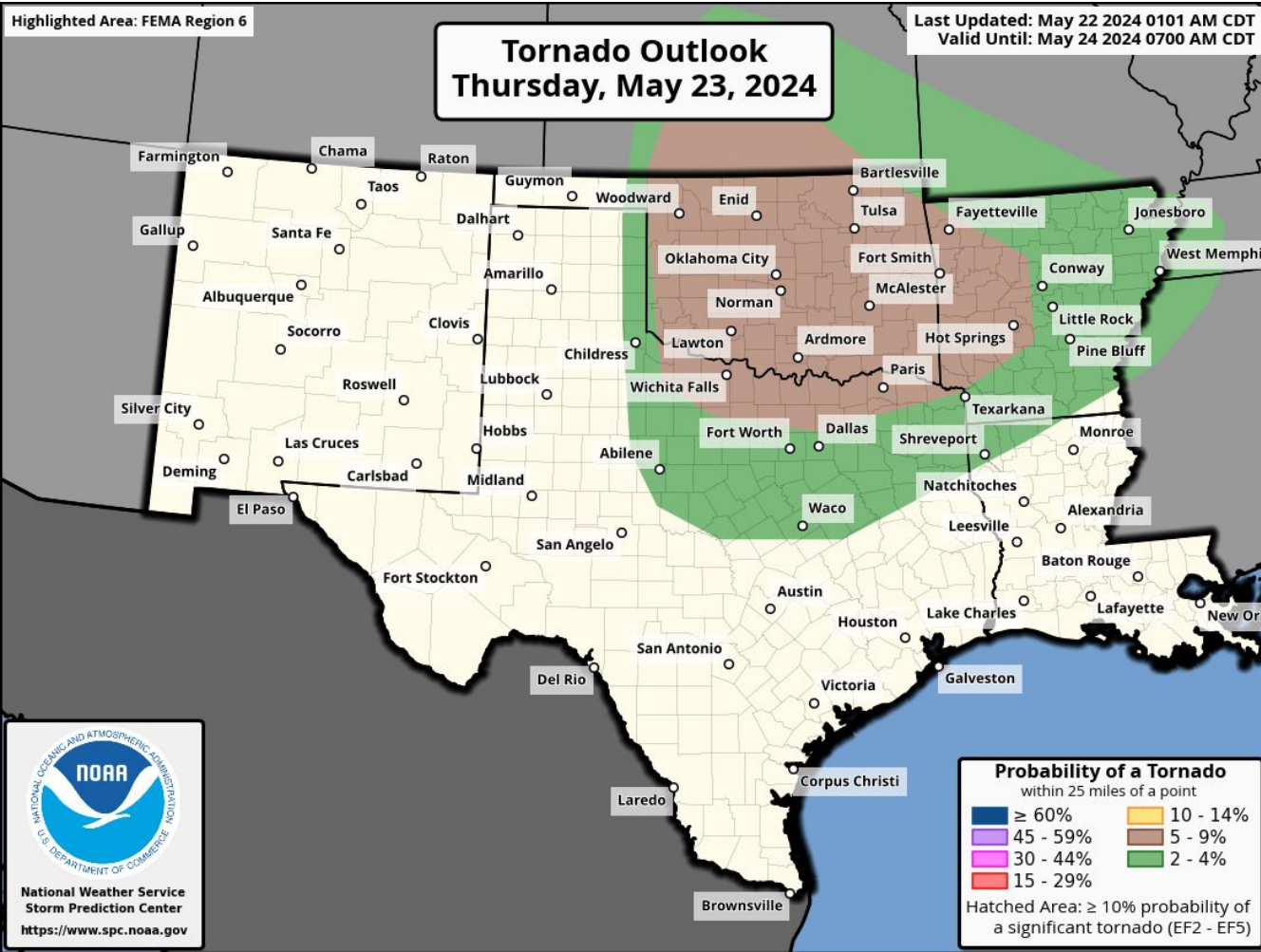
**Slight risk for heavy rainfall in SE OK, AR, NETX.**

**Heat index values over 100 in SE TX and 105-115 in STX.**

**Critical fire weather conditions in NM, Far W TX.**



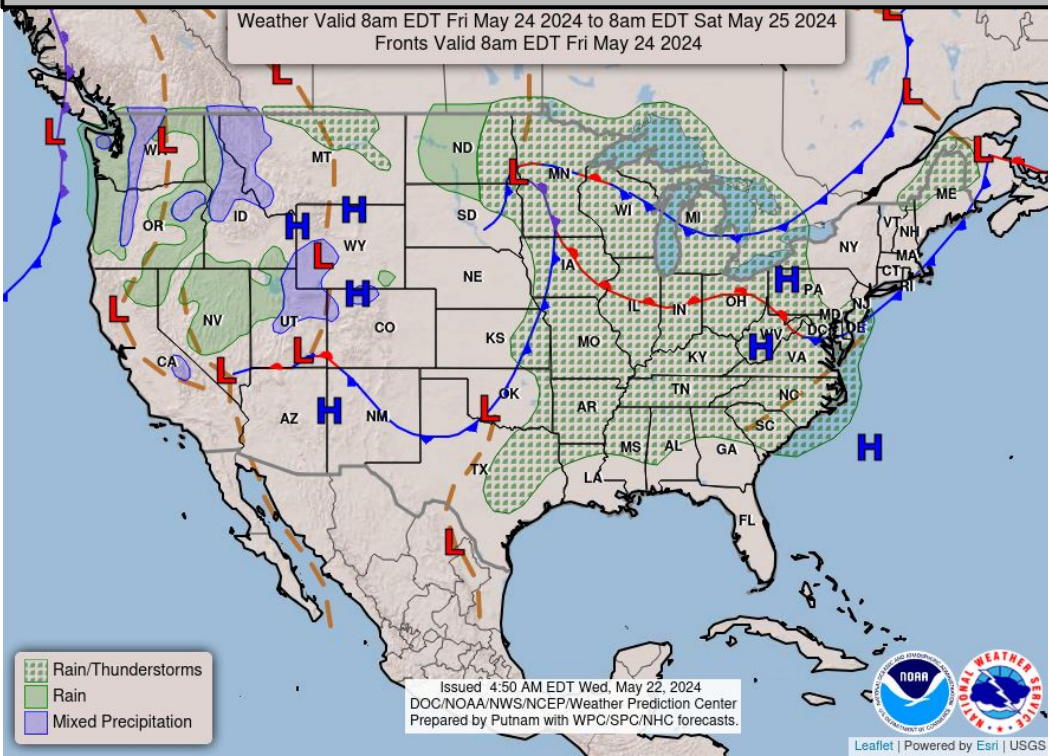
# Tomorrow's Tornado & Severe Wind / Hail Probabilities



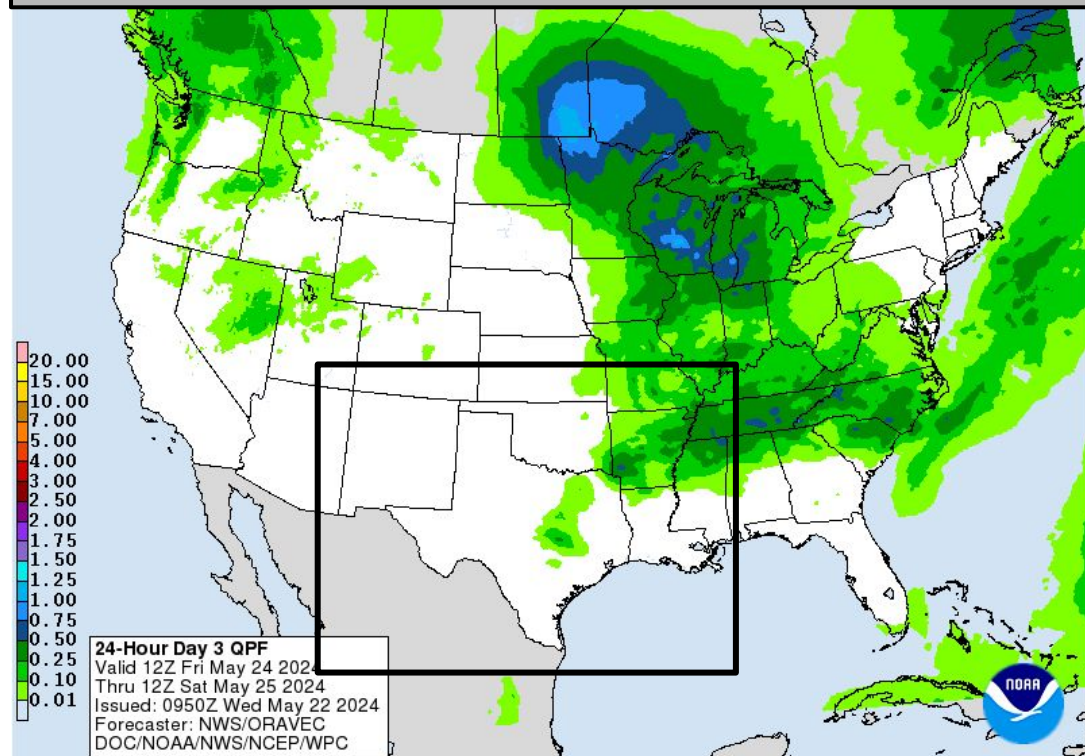


# Friday's Weather

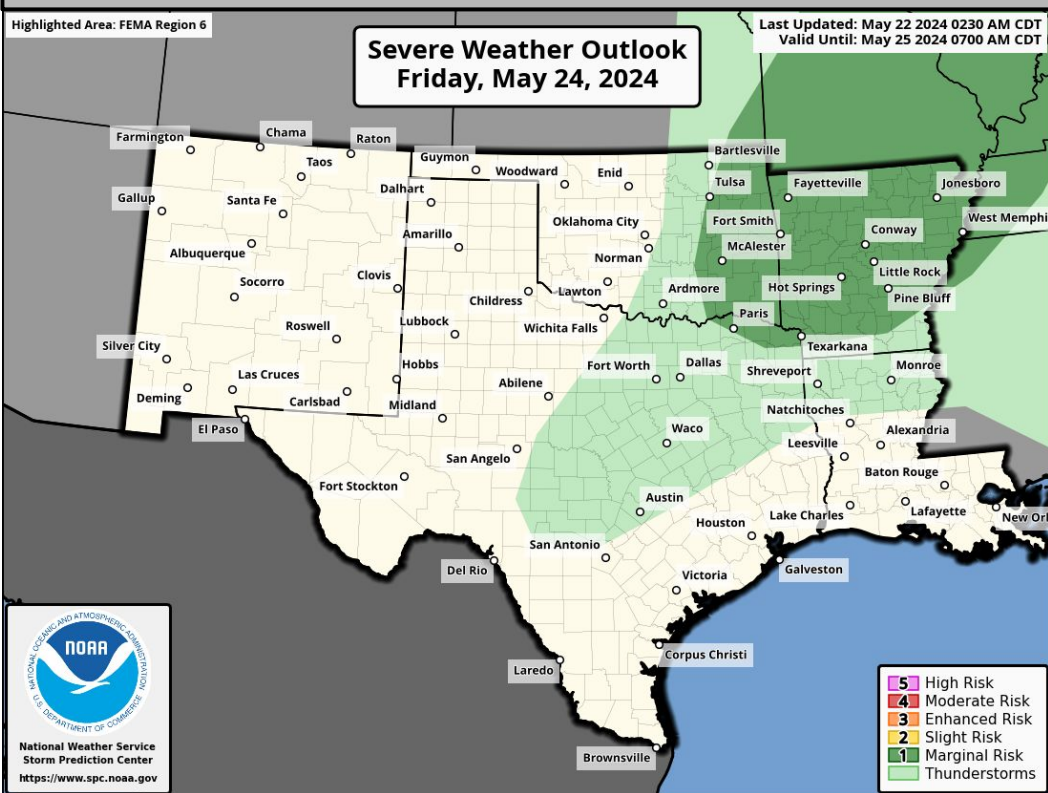
## Forecast Chart



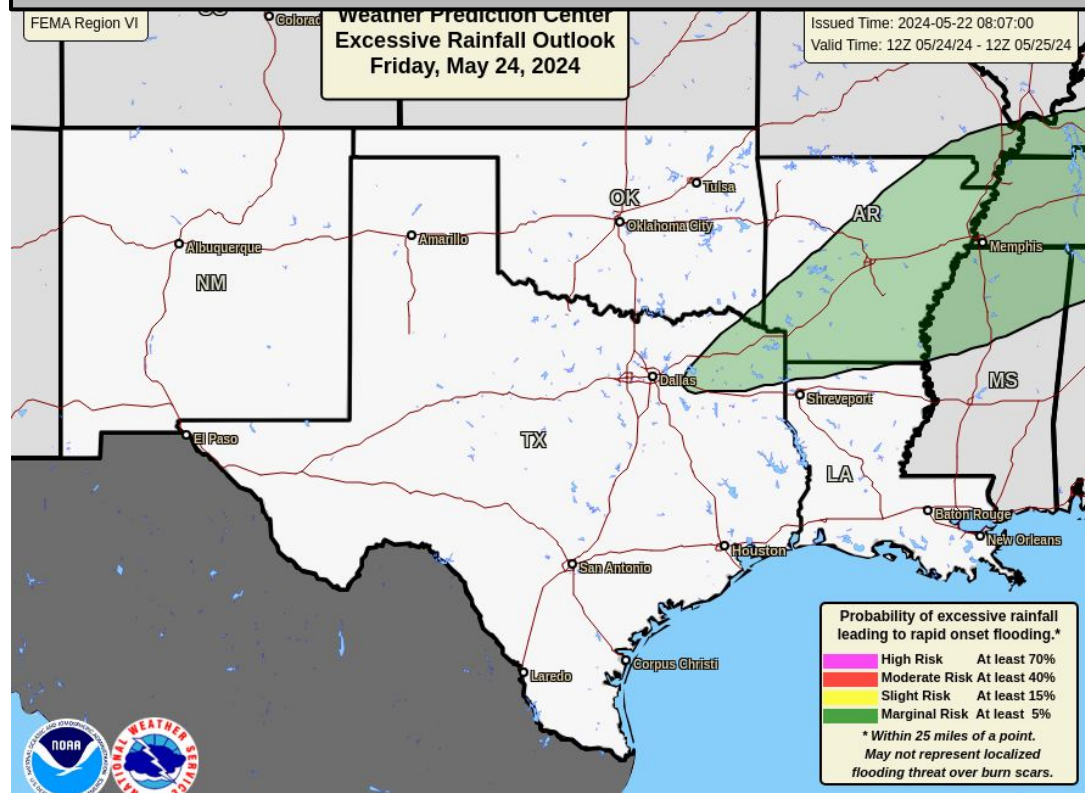
## Forecast Rainfall



## Severe Weather Outlook



## Excessive Rainfall Outlook



**Heat index values over 100 in SE TX and 110-117 in S, S-Ctrl TX.**

**Marginal risk for severe storms in E OK, AR, NE TX.**

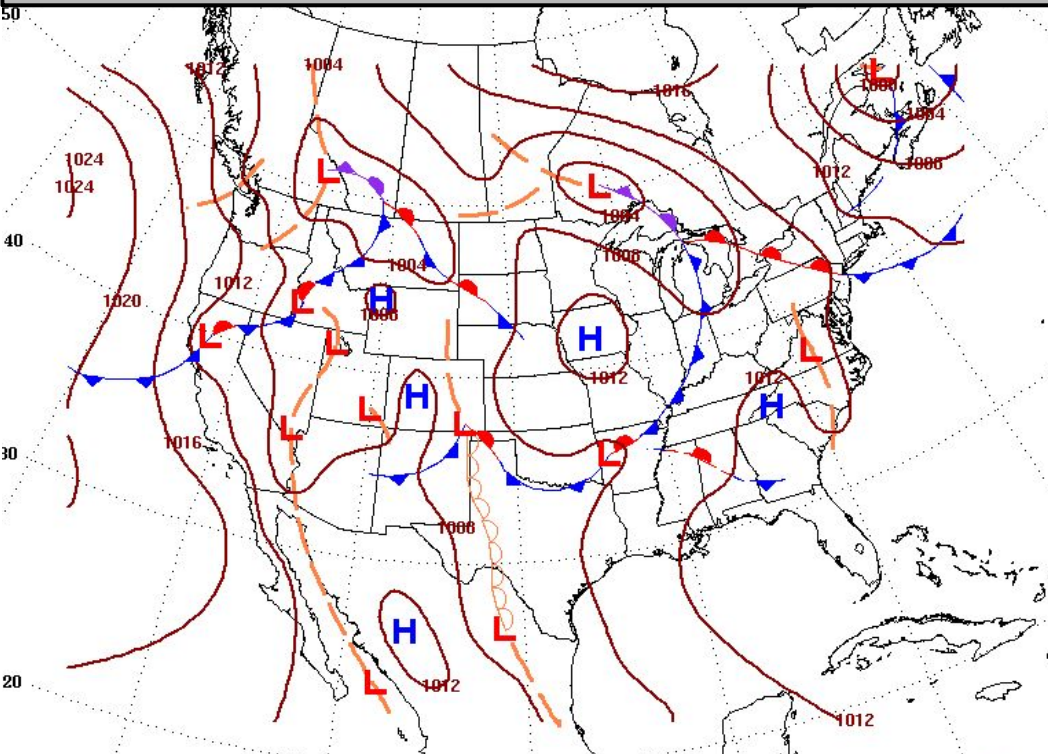
**Marginal risk of excessive rainfall across AR, NE TX.**

**Critical fire weather conditions in W NM.**

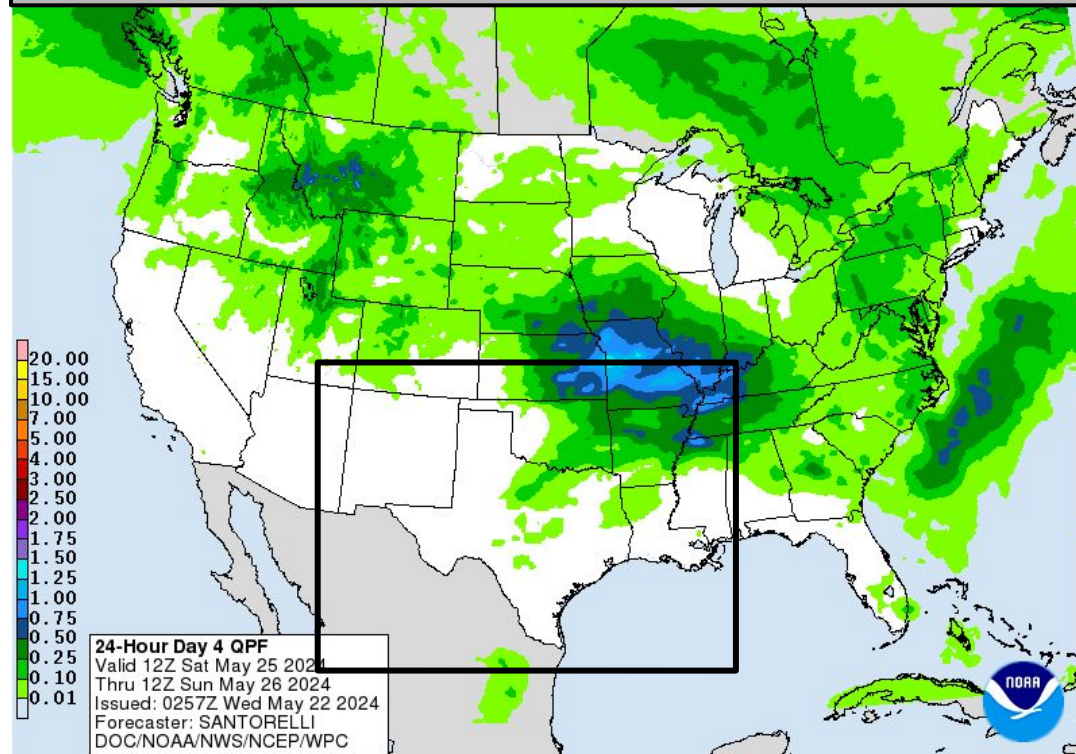


# Saturday's Weather

### Forecast Chart



### Forecast Rainfall



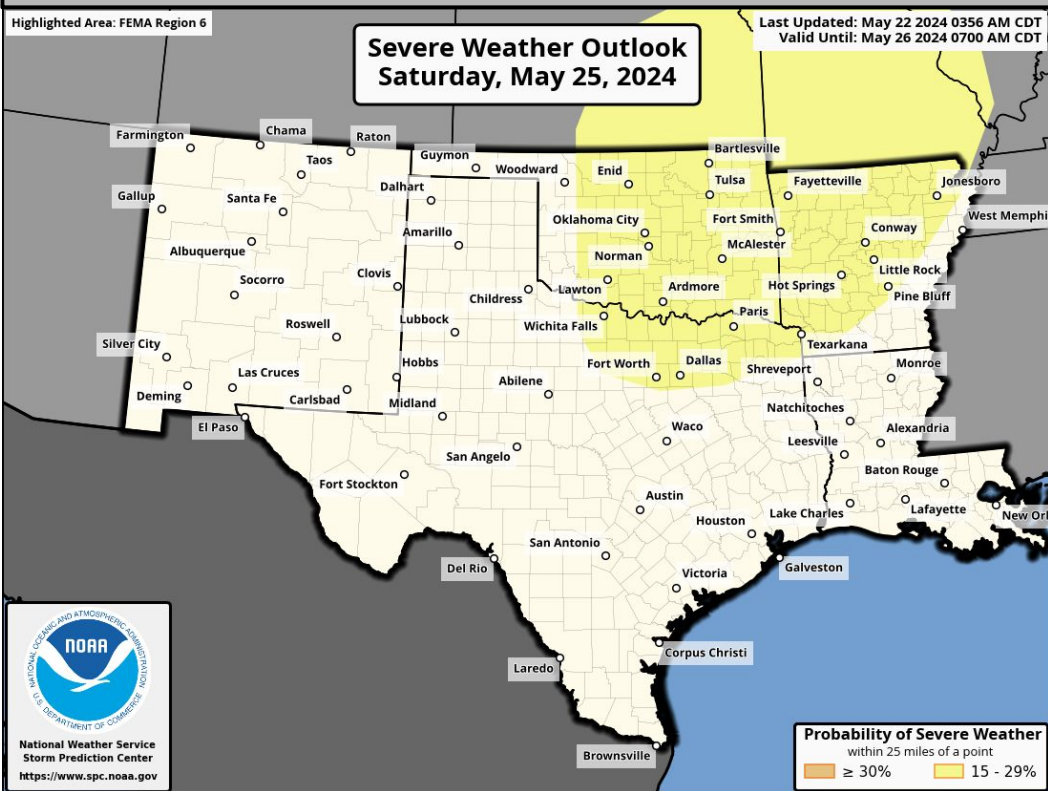
**Heat index values of 105-117 in S, S-Ctrl TX.**

**Slight risk of severe storms across OK, AR, N TX.**

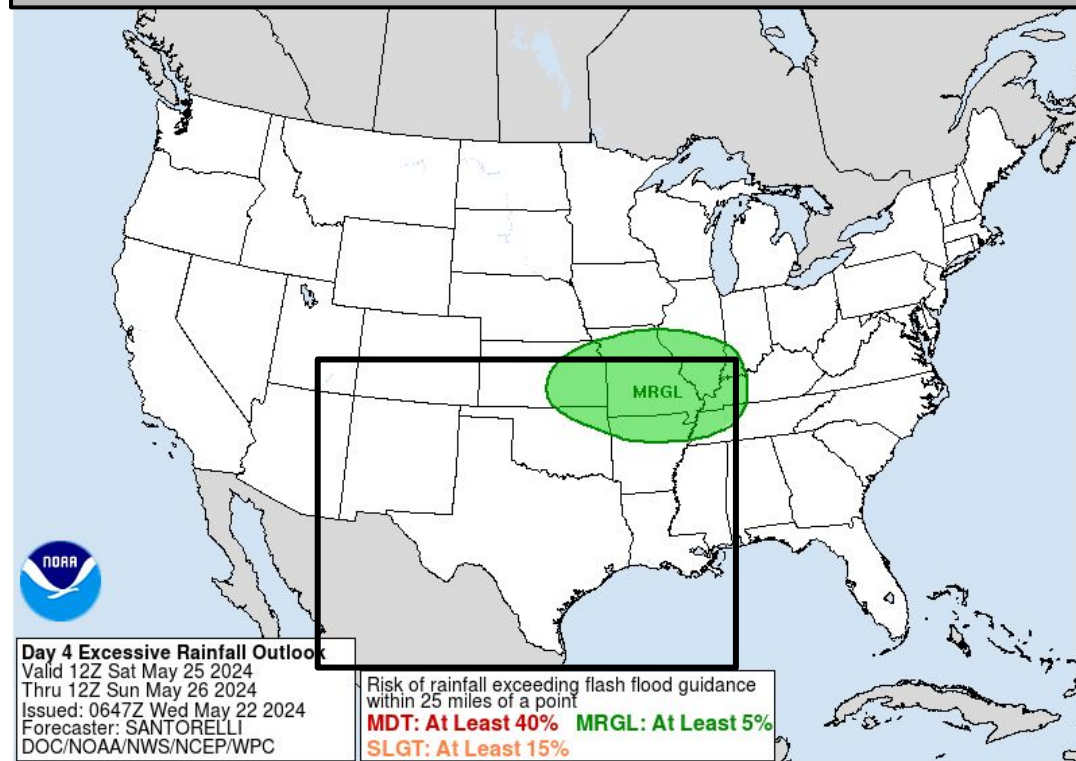
**Marginal risk of excessive rainfall across NE OK, N AR.**

**Critical fire weather conditions in NM, Far W TX.**

### Severe Weather Outlook



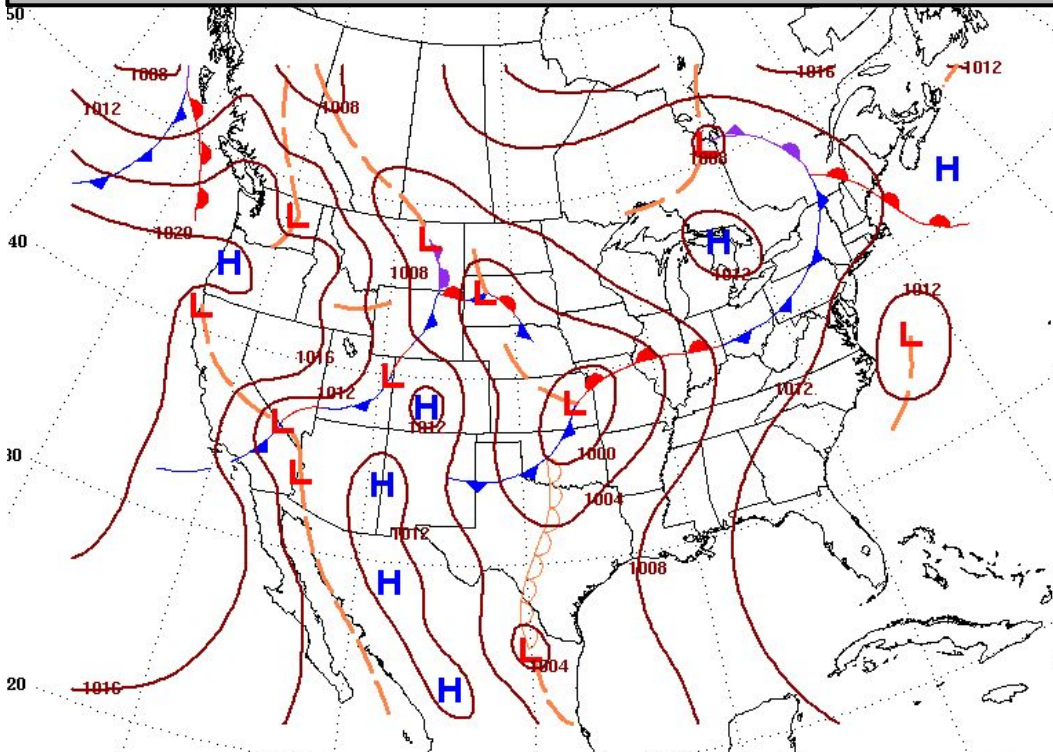
### Excessive Rainfall Outlook



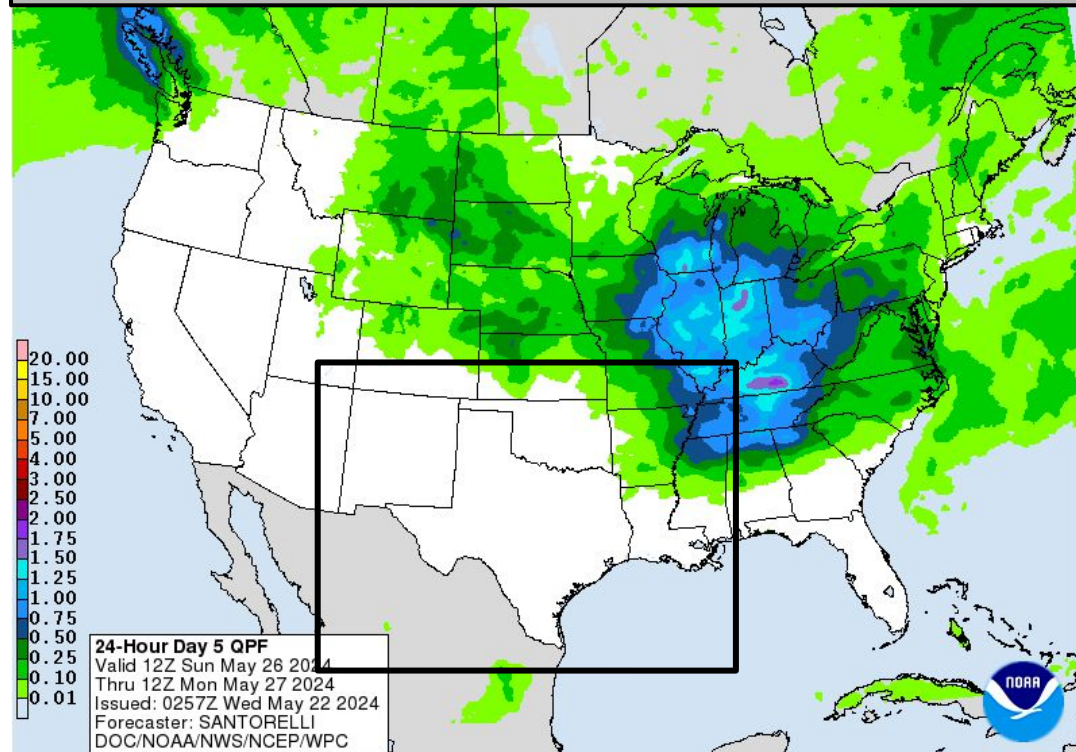


# Sunday's Weather

### Forecast Chart



### Forecast Rainfall

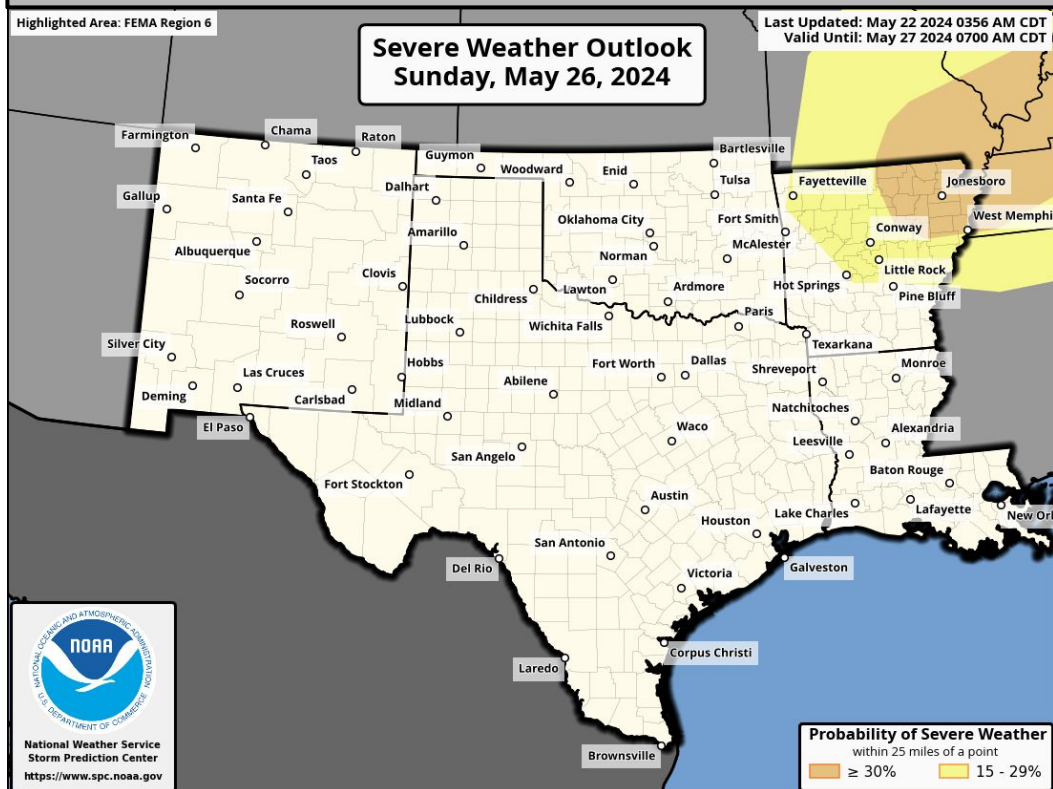


**Enhanced risk of severe storms  
across NE AR.**

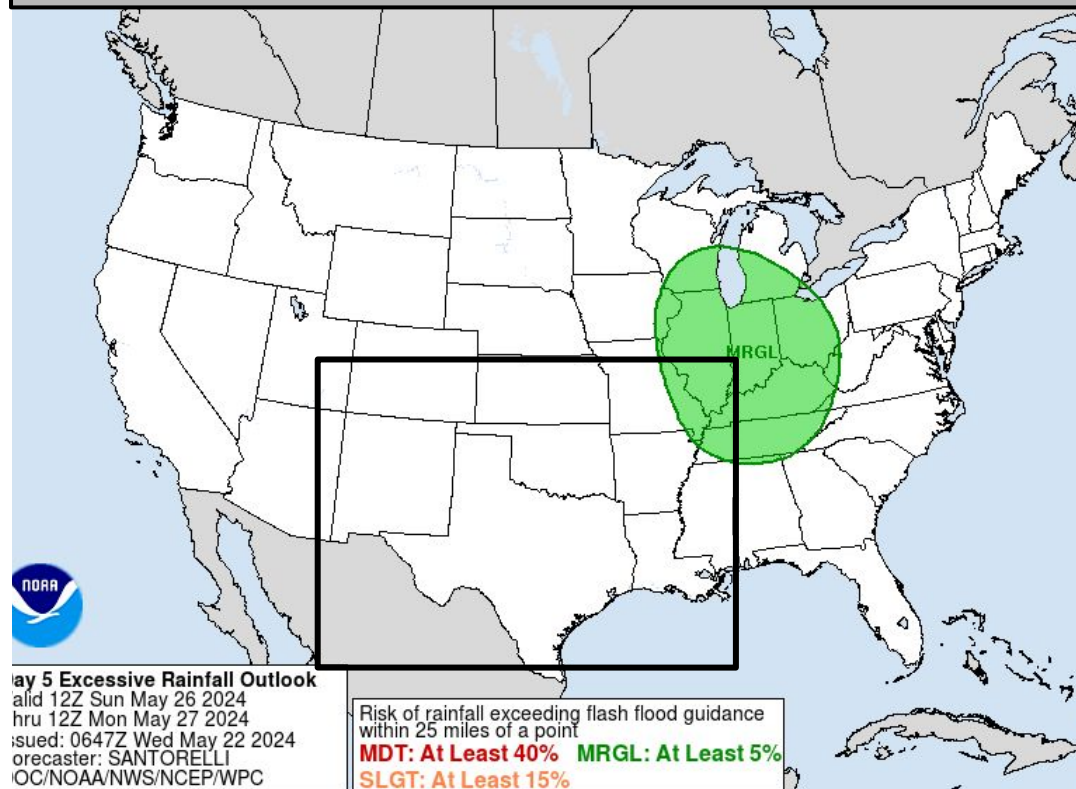
**Heat index values of 105-117 in  
S, S-Ctrl TX.**

**Elevated fire weather conditions in  
NM, W TX.**

### Severe Weather Outlook

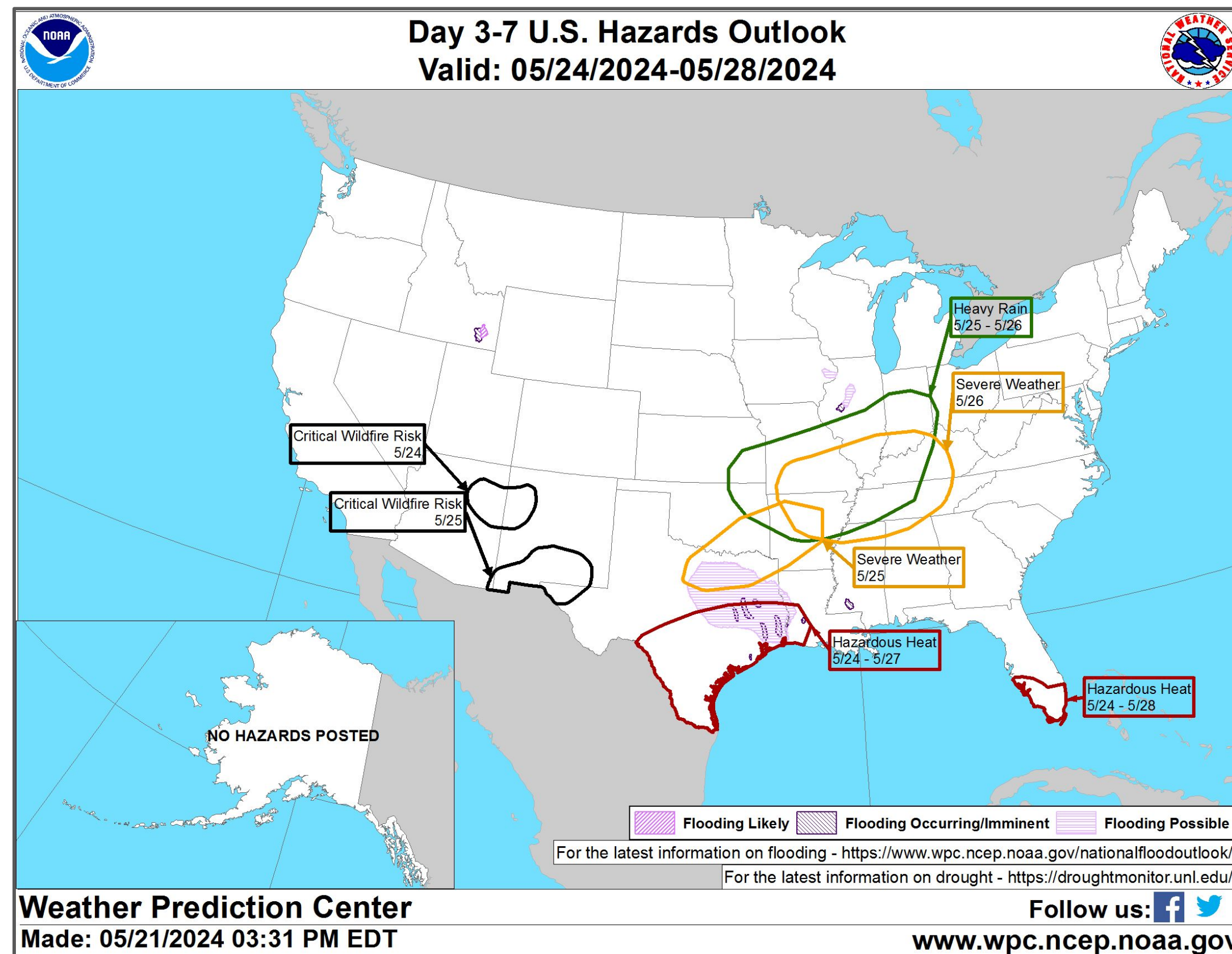


### Excessive Rainfall Outlook





# “Day 3-7” Hazards Outlook



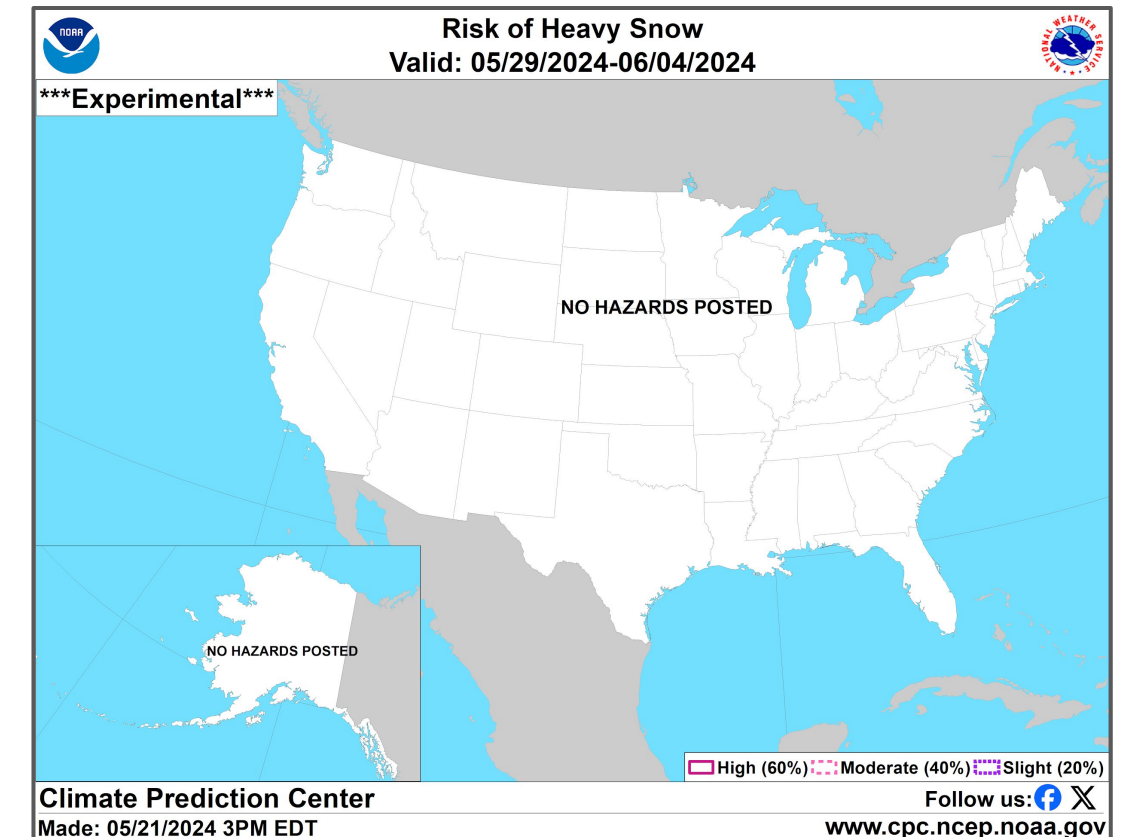
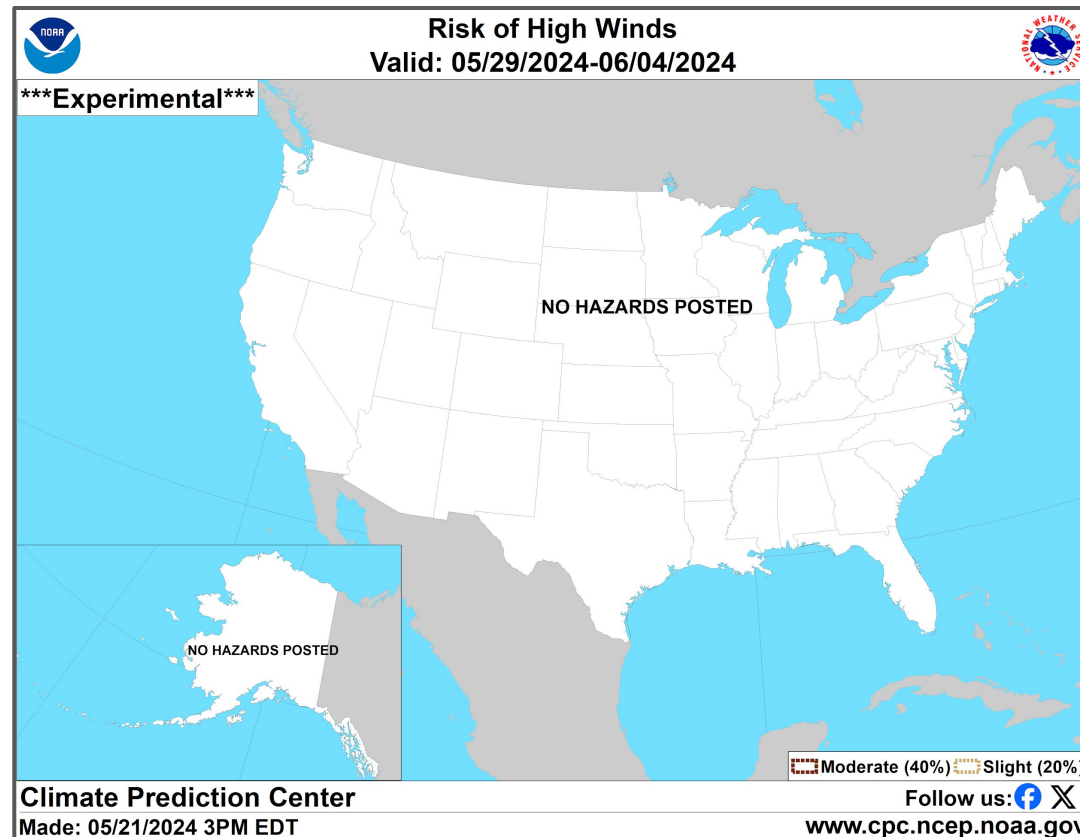
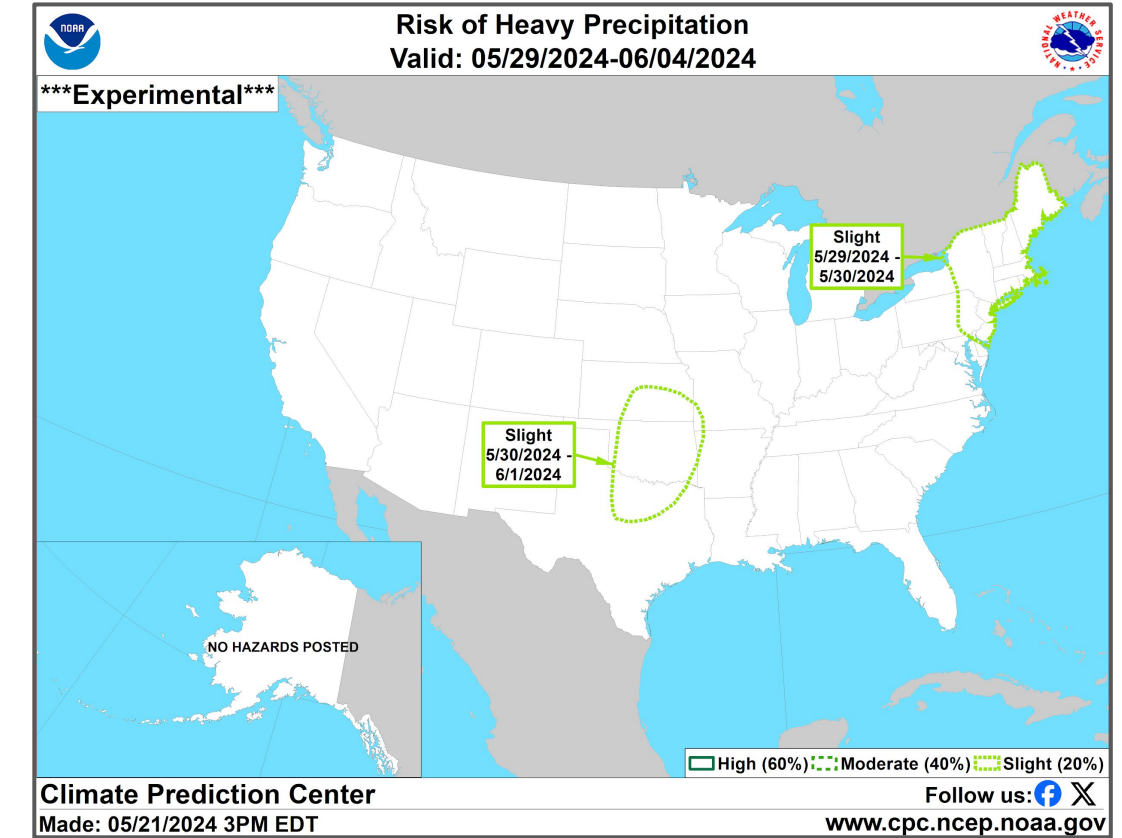
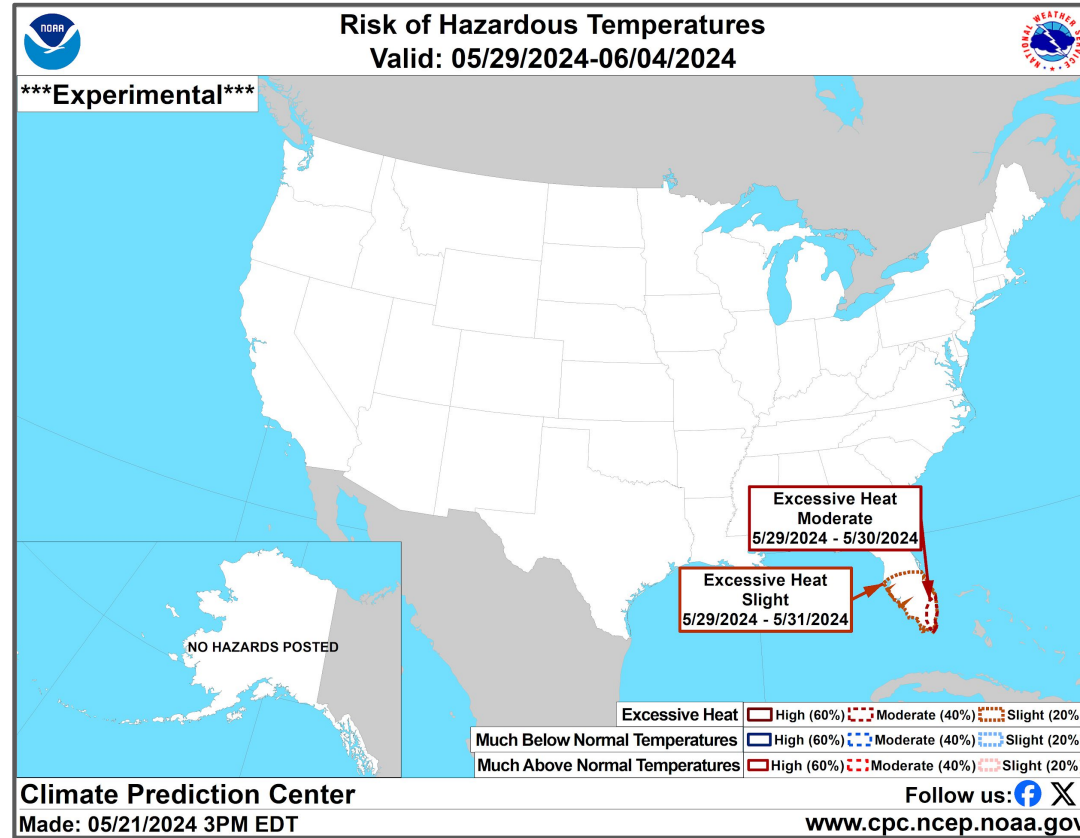
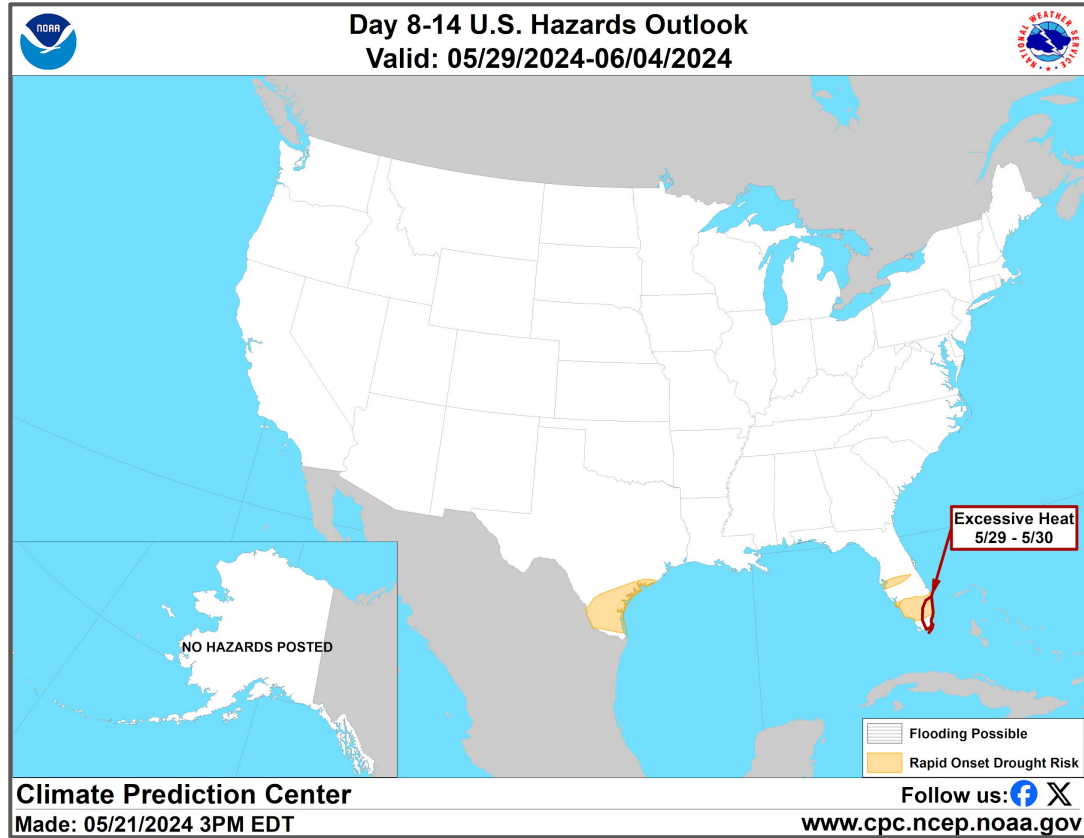
**NOTE:** These outlooks are issued in the afternoon and only issued on weekdays. Because of that and the fact that these slides are issued in the mornings:

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

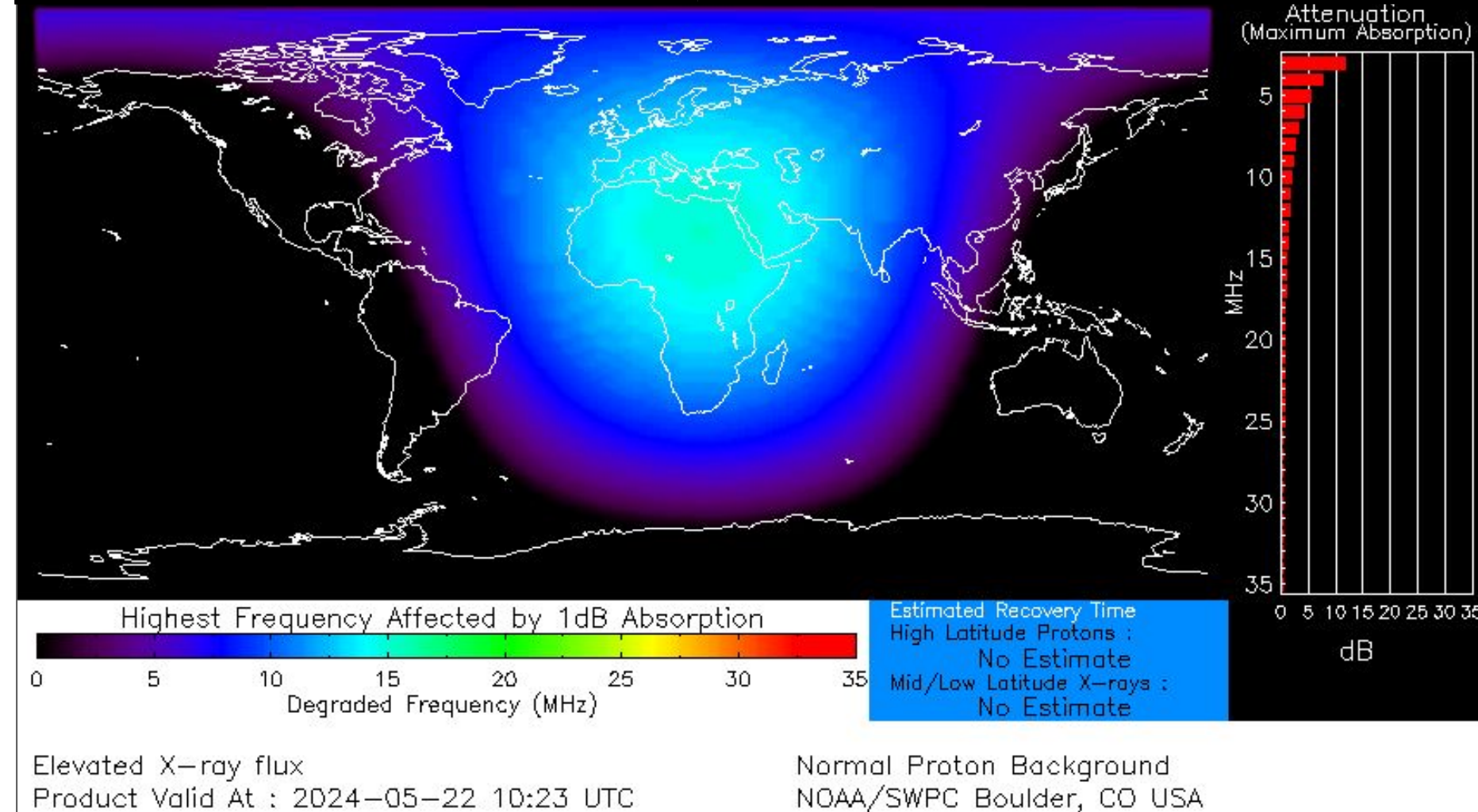
For additional information on this outlook go to <https://www.cpc.ncep.noaa.gov/products/predictions/threats/threat.php>





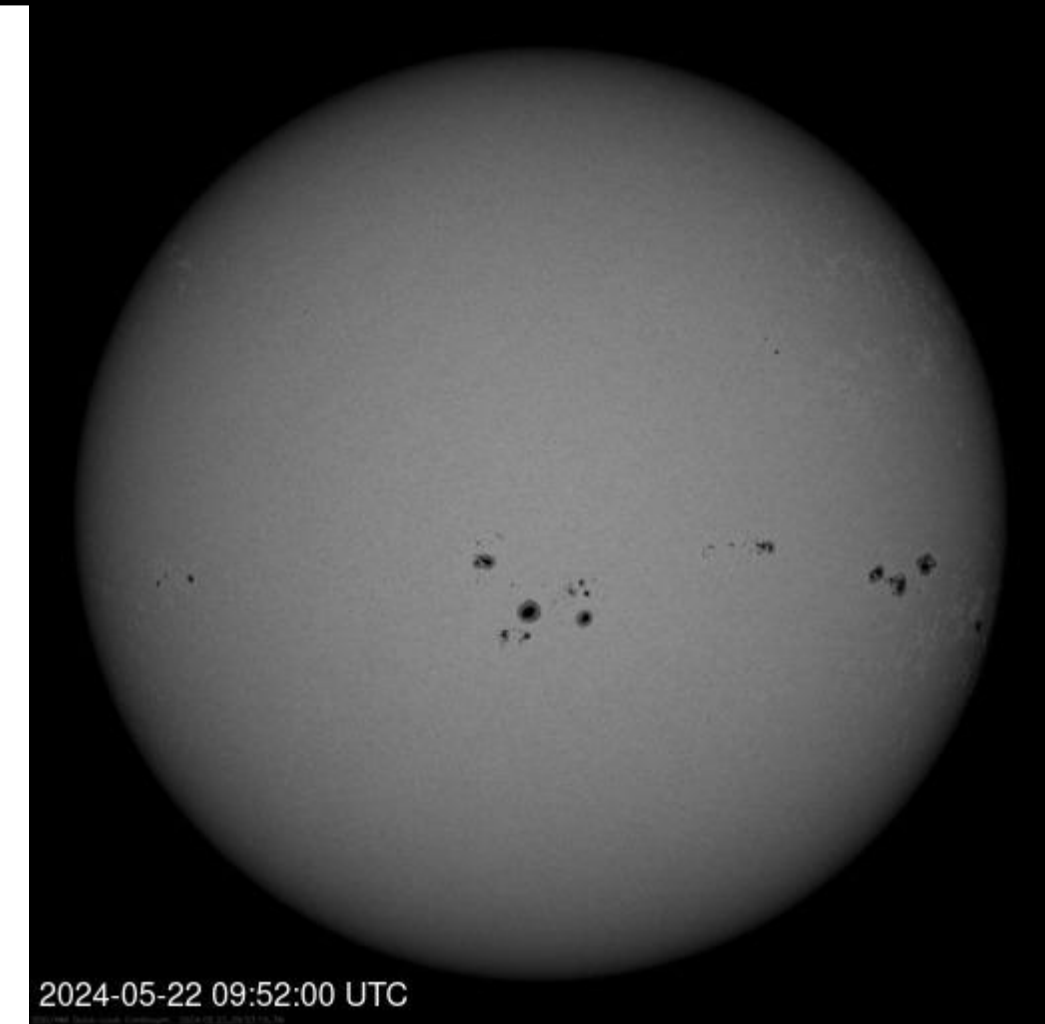
# Space Weather 3-Day Forecast

	Wednesday, May 22	Thursday, May 23	Friday, May 24
<b>Geomagnetic Storms</b>	<b>Unsettled (Max Kp = 3)</b>	<b>Active (Max Kp = 4)</b>	<b>Unsettled (Max Kp = 3)</b>
<b>Solar Radiation Storm (S1-S5)</b>	<b>10%</b>	<b>10%</b>	<b>10%</b>
<b>Radio Blackout (R1-R2)</b>	<b>55%</b>	<b>55%</b>	<b>55%</b>
<b>Radio Blackout (R3-R5)</b>	<b>10%</b>	<b>10%</b>	<b>10%</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

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**Twitter:** NWSSouthern



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

