



FEMA



Prepared by
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FEMA Region 6 Weather Threat Briefing

Friday, May 10, 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.





Summary of the Upcoming Week

- **Slight risk of heavy rain/flash flooding**
 - **Sunday: Ctr/E/SE TX, LA**
 - **Monday: SE TX, LA**
- **Moderate to major river flooding continues across E/SE TX.**





FEMA Region 6 Threat Matrix

Next 5 Days

	Friday, May 10	Saturday, May 11	Sunday, May 12	Monday, May 13	Tuesday, May 14
Severe Storms	SW/S-Ctrl TX	Far SE NM, W TX	W OK, NW/Ctrl/SE TX		
Heavy Rain / Flash Flooding		E NM, W/S-Ctrl TX	Ctrl/E/SE TX, LA	SE TX, LA	
Fire Weather	SW NM				
Wind					
Heat					
River Flooding	E/SE TX	E/SE TX	E/SE TX	E/SE TX	E/SE TX

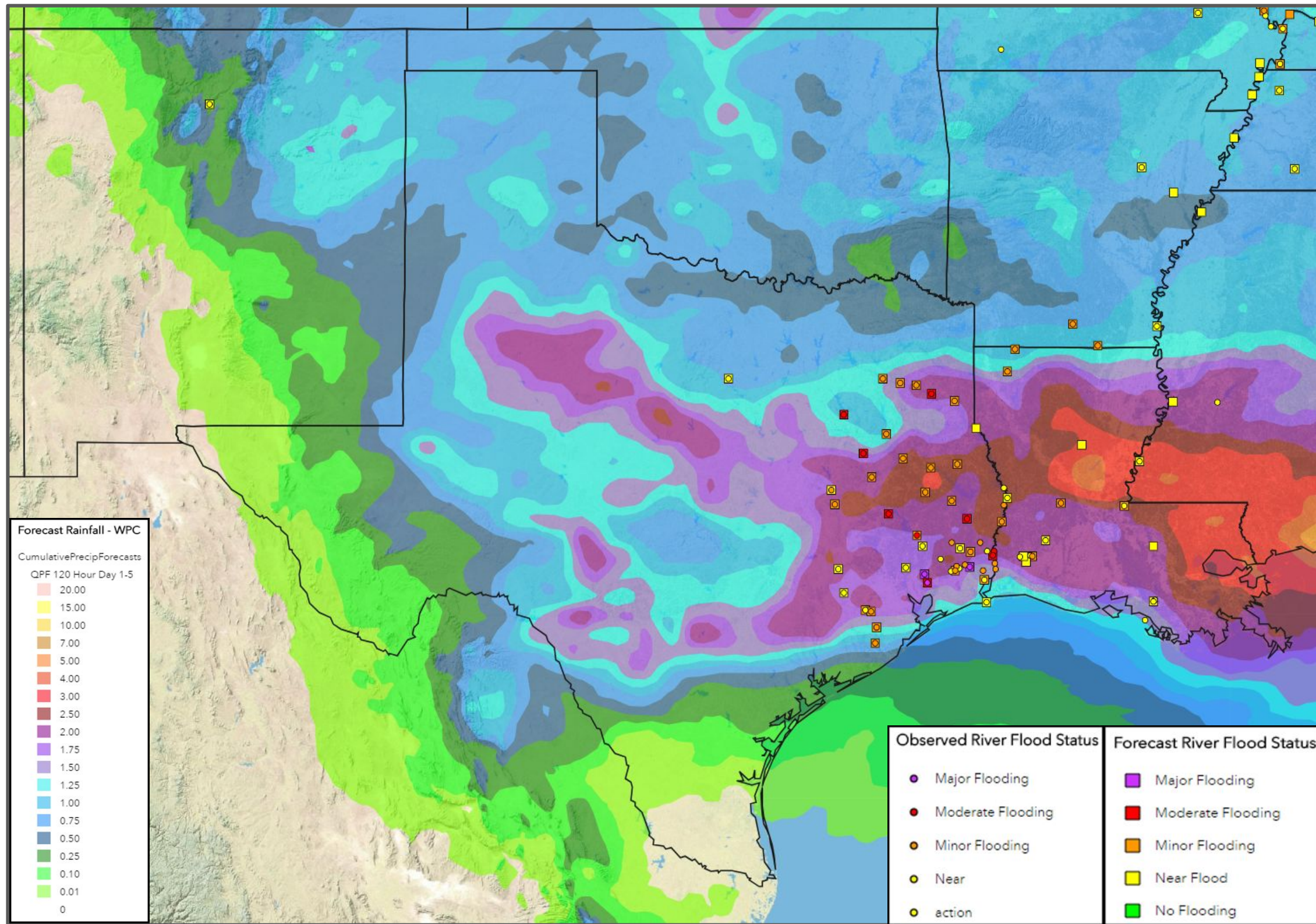
**Threat levels are based on FEMA Region 6 criteria.
State or local threat level criteria may differ.*
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

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 into next week. Homes, roads, and agricultural areas are flooded.

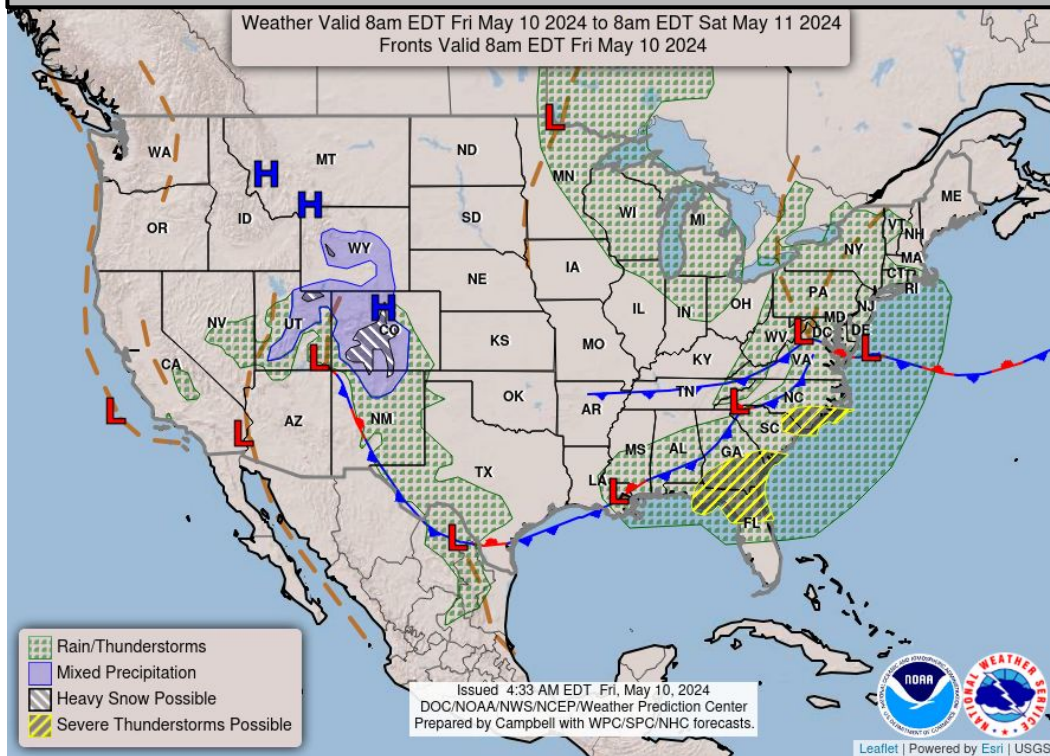
Additional rainfall on Sunday/Monday over E/SE TX will prolong current river flooding and may result in additional river flooding, but will not increase river levels to where they were last week.



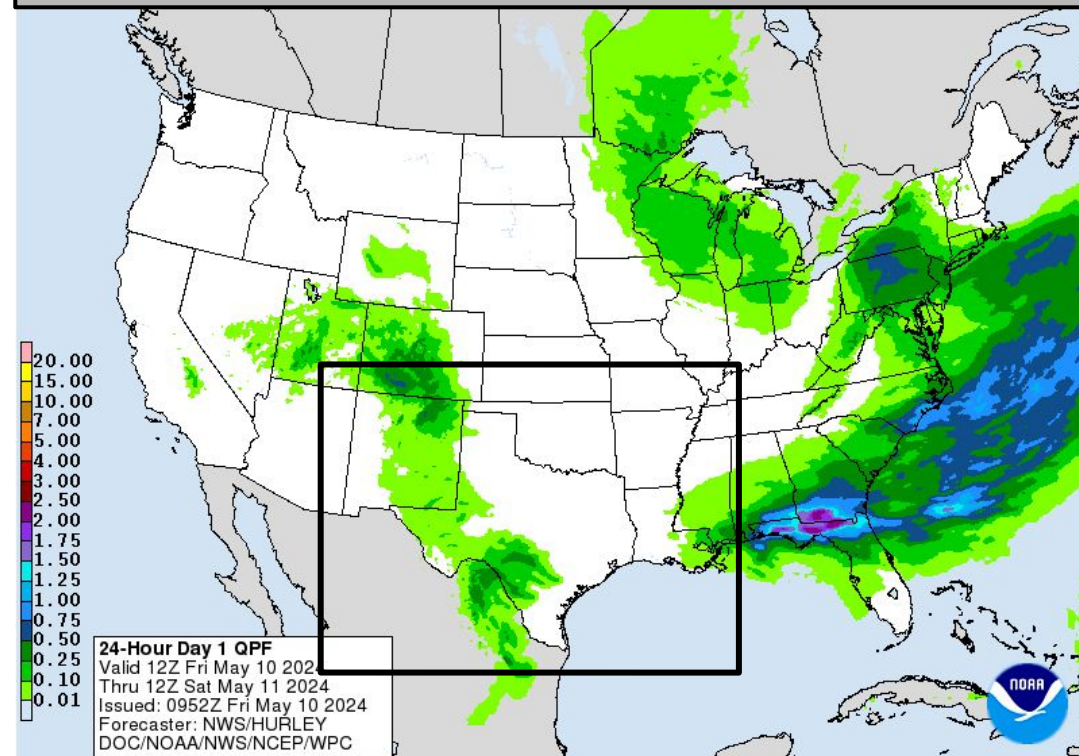


Today's Weather

Forecast Chart



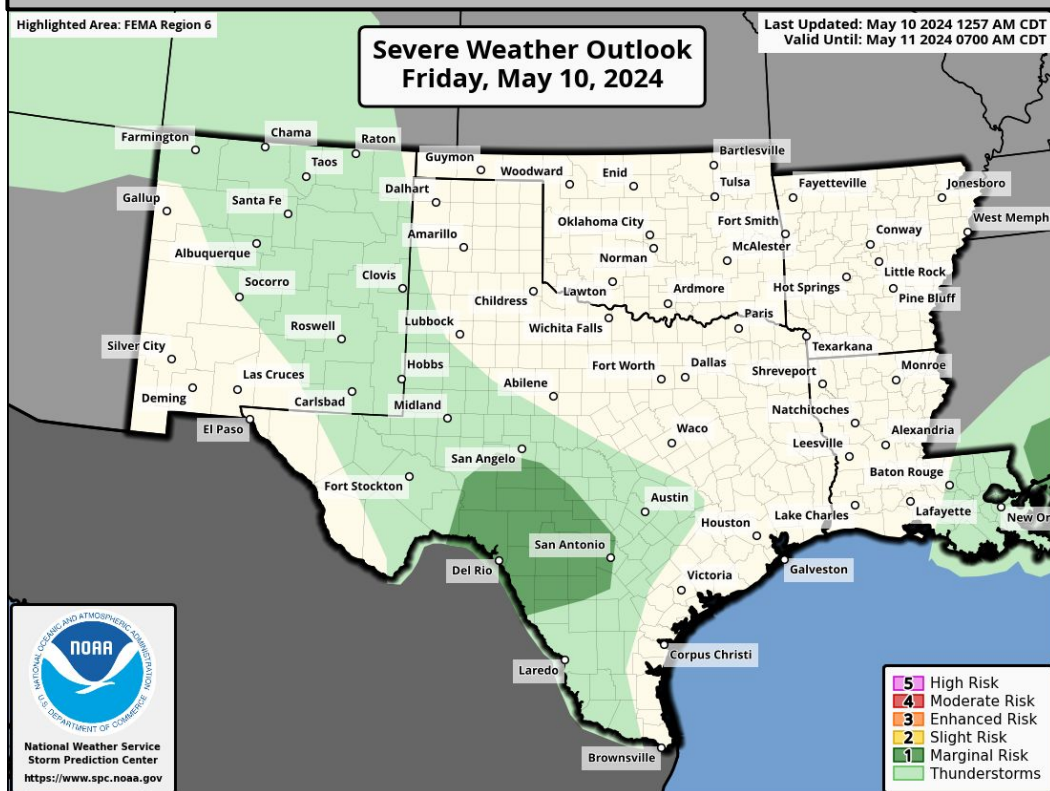
Forecast Rainfall



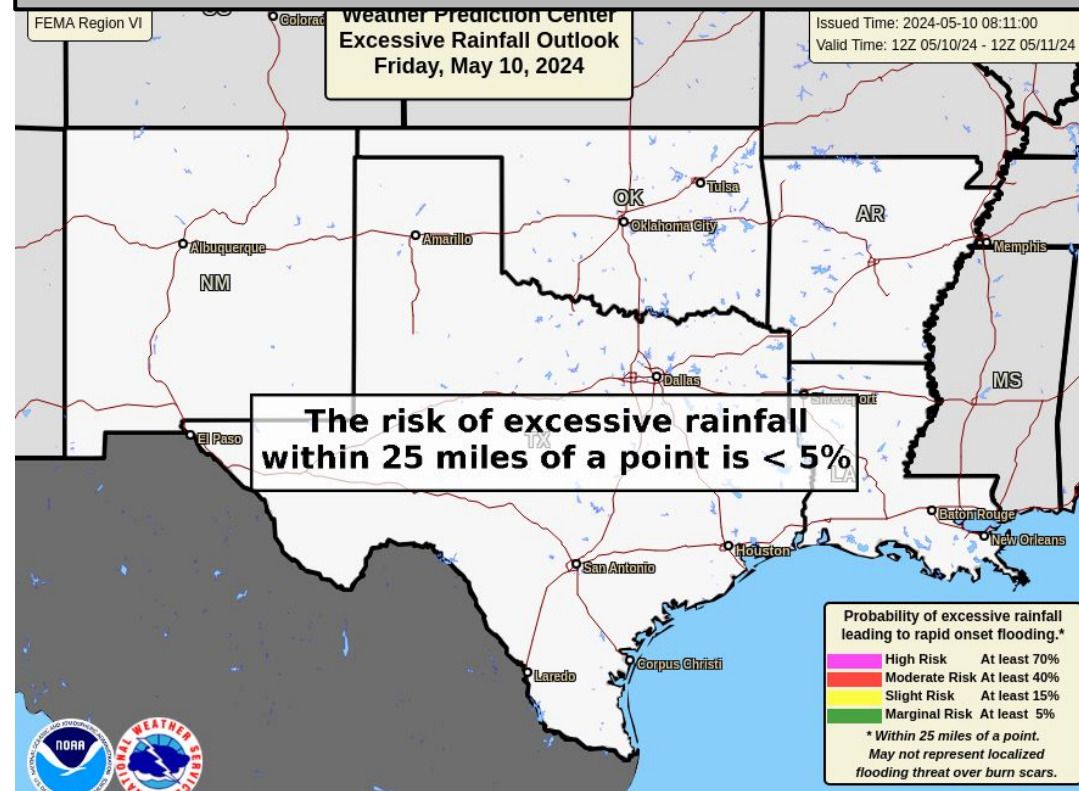
Marginal risk for isolated severe storms for SW/S-Ctrl TX.

Elevated fire weather conditions for SW NM.

Severe Weather Outlook



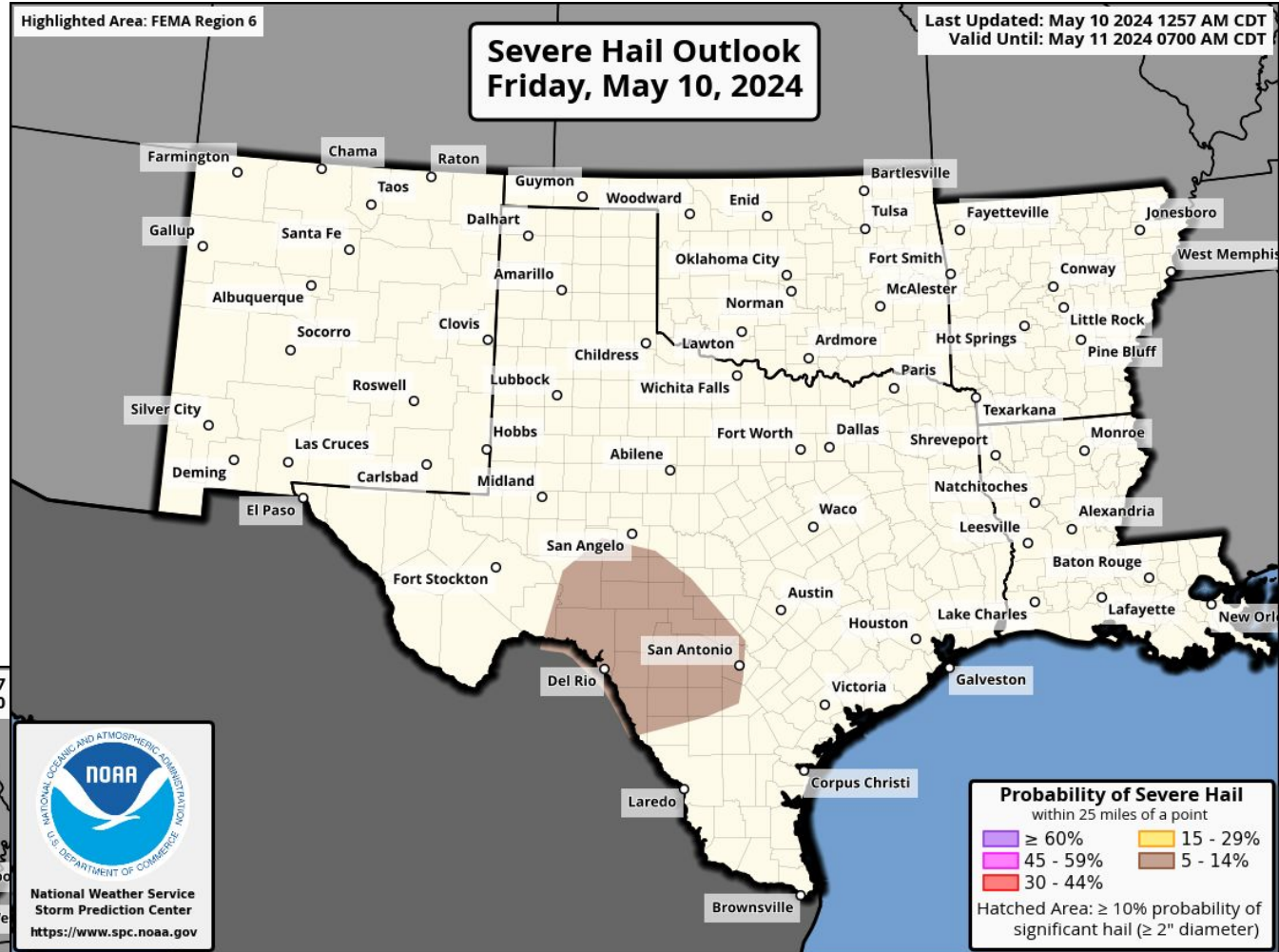
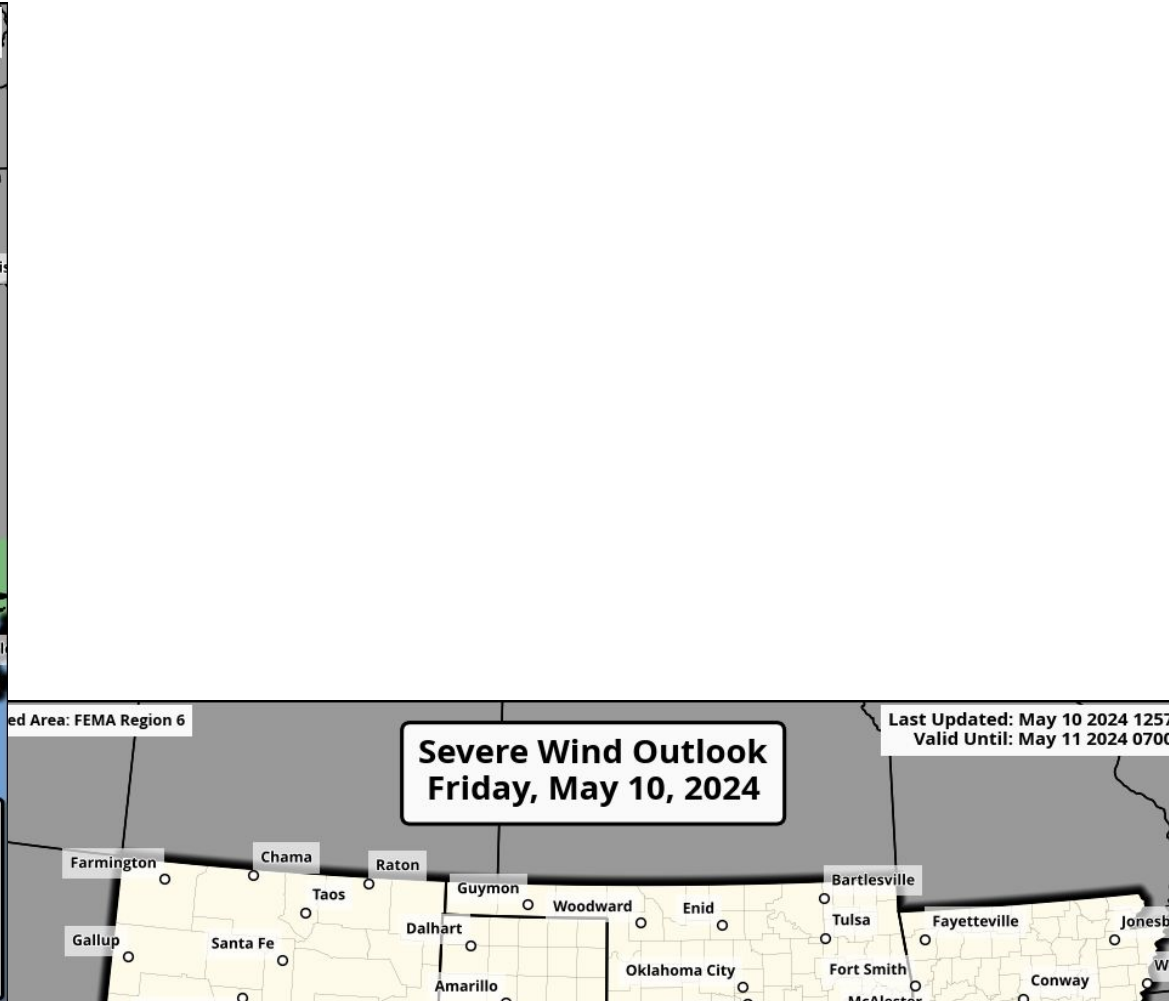
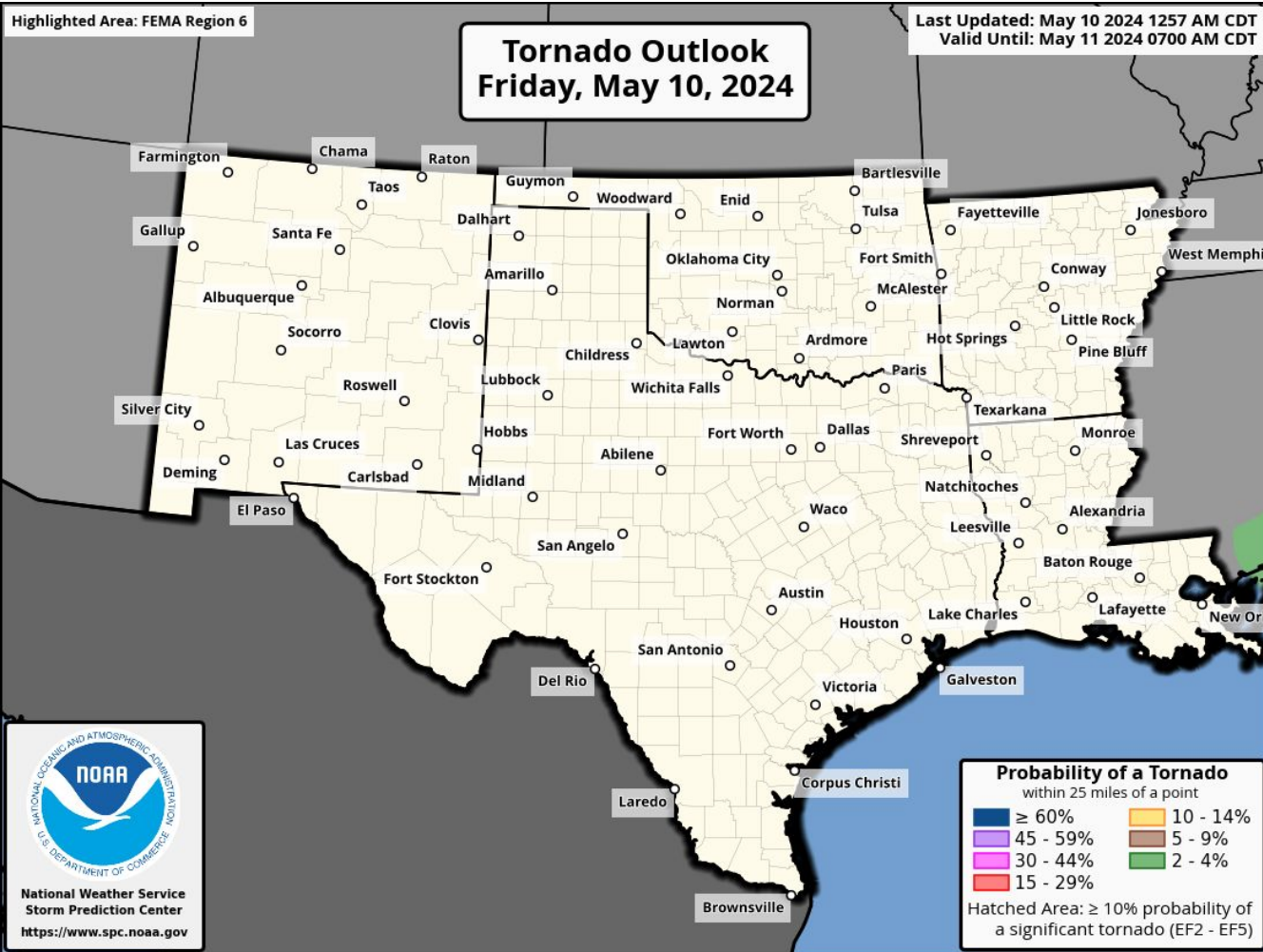
Excessive Rainfall Outlook





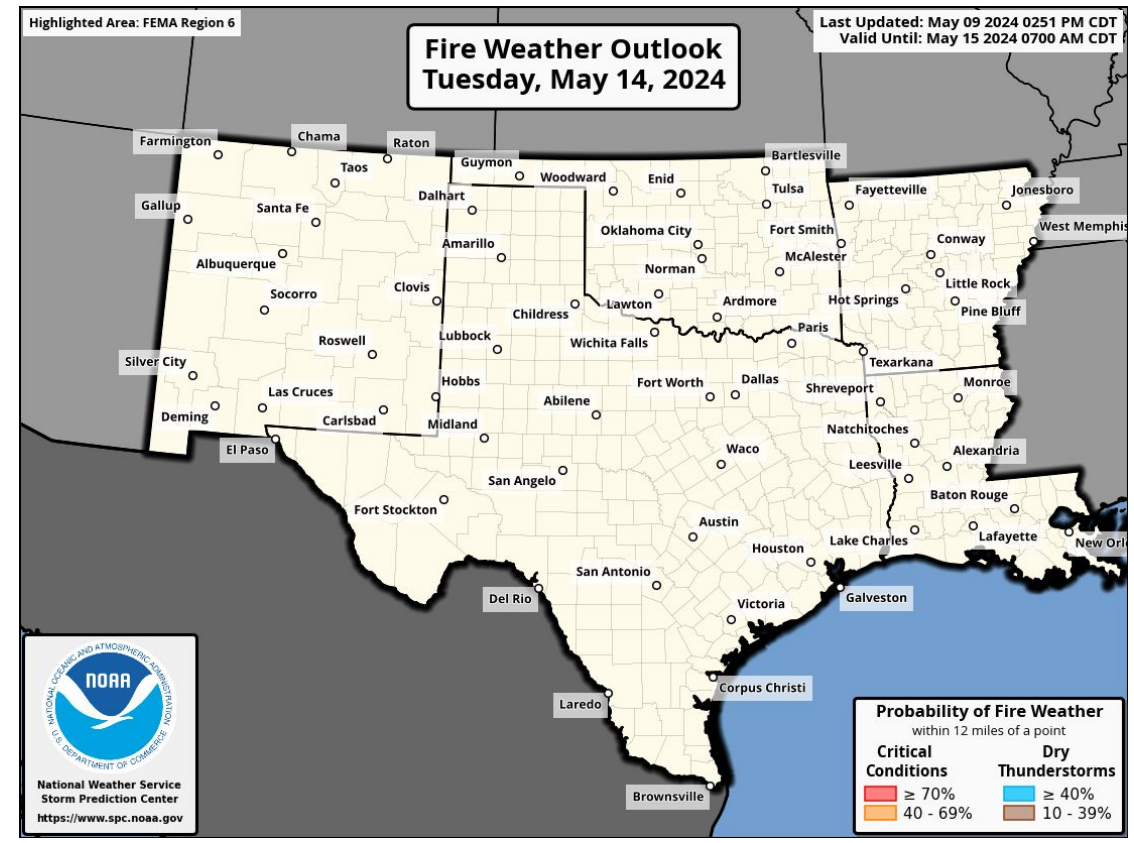
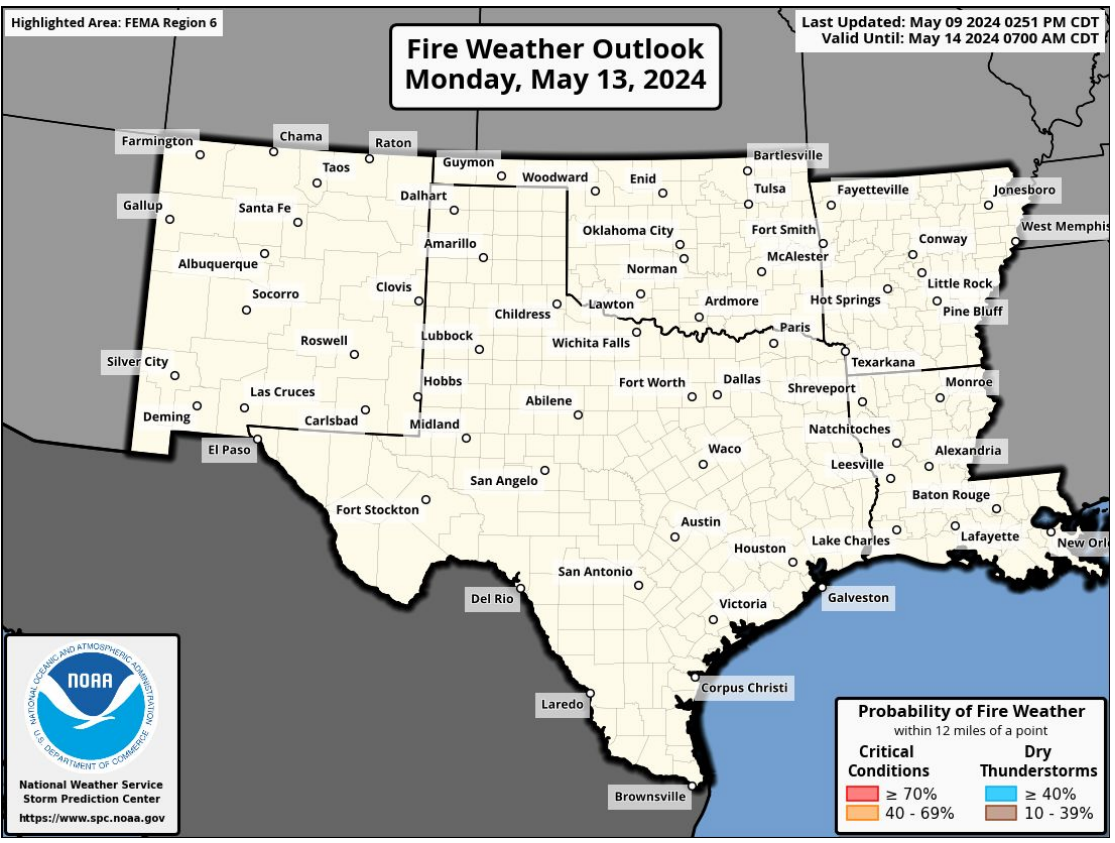
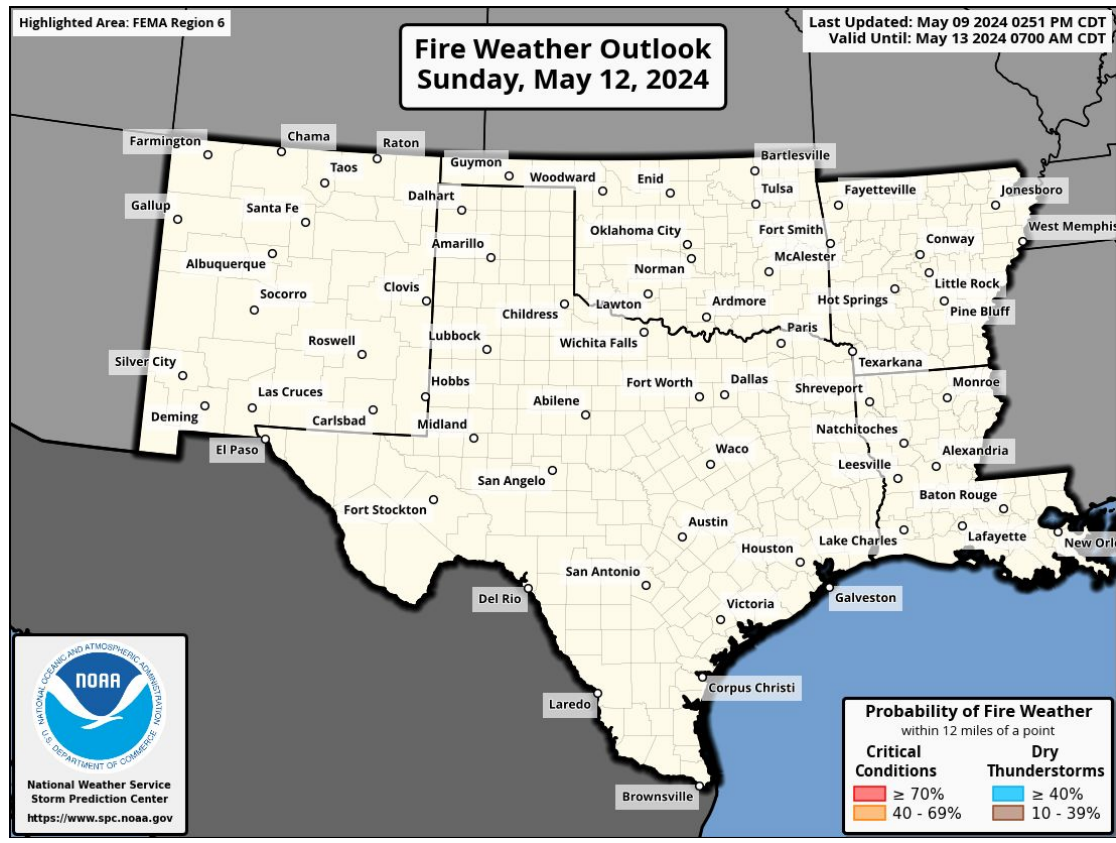
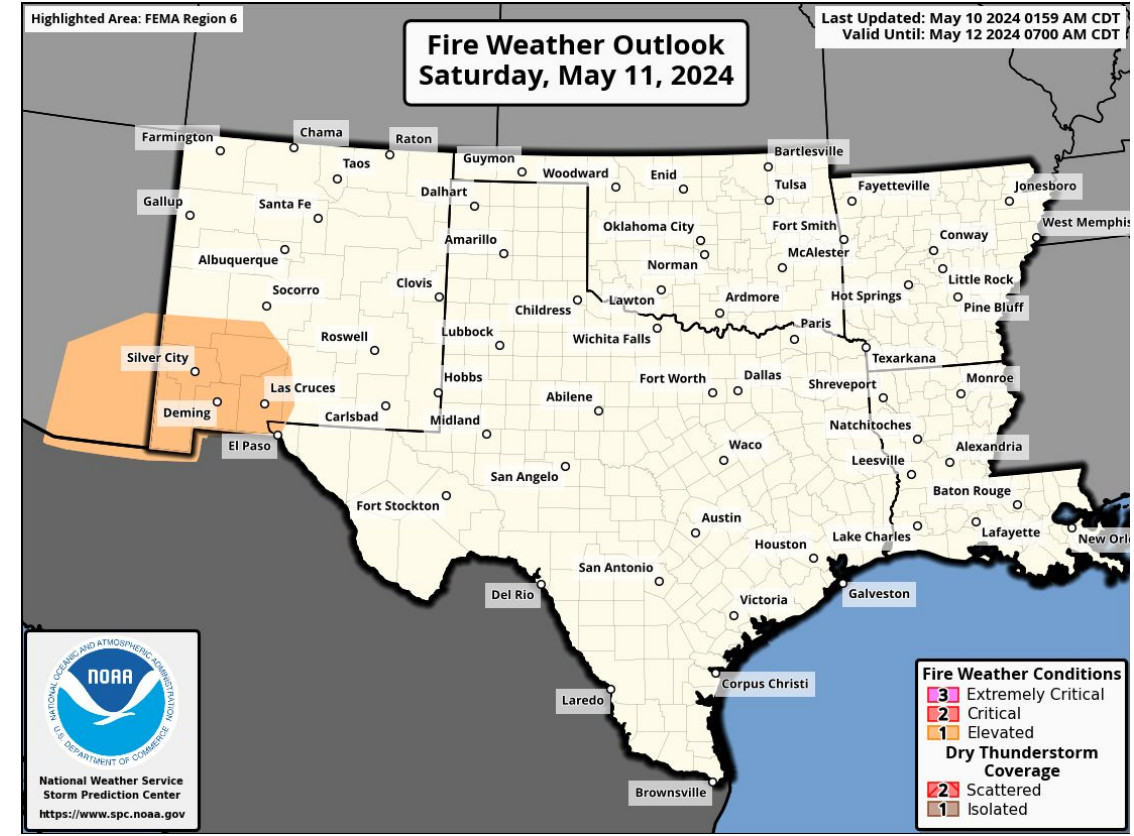
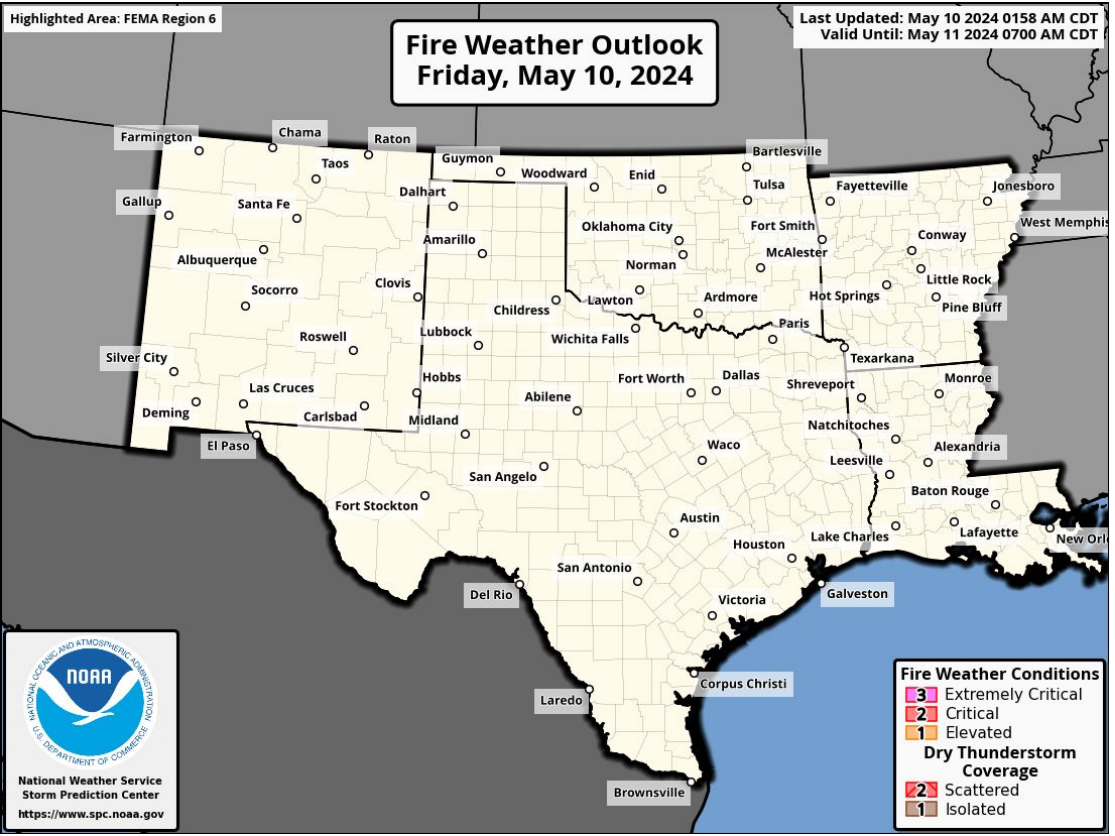
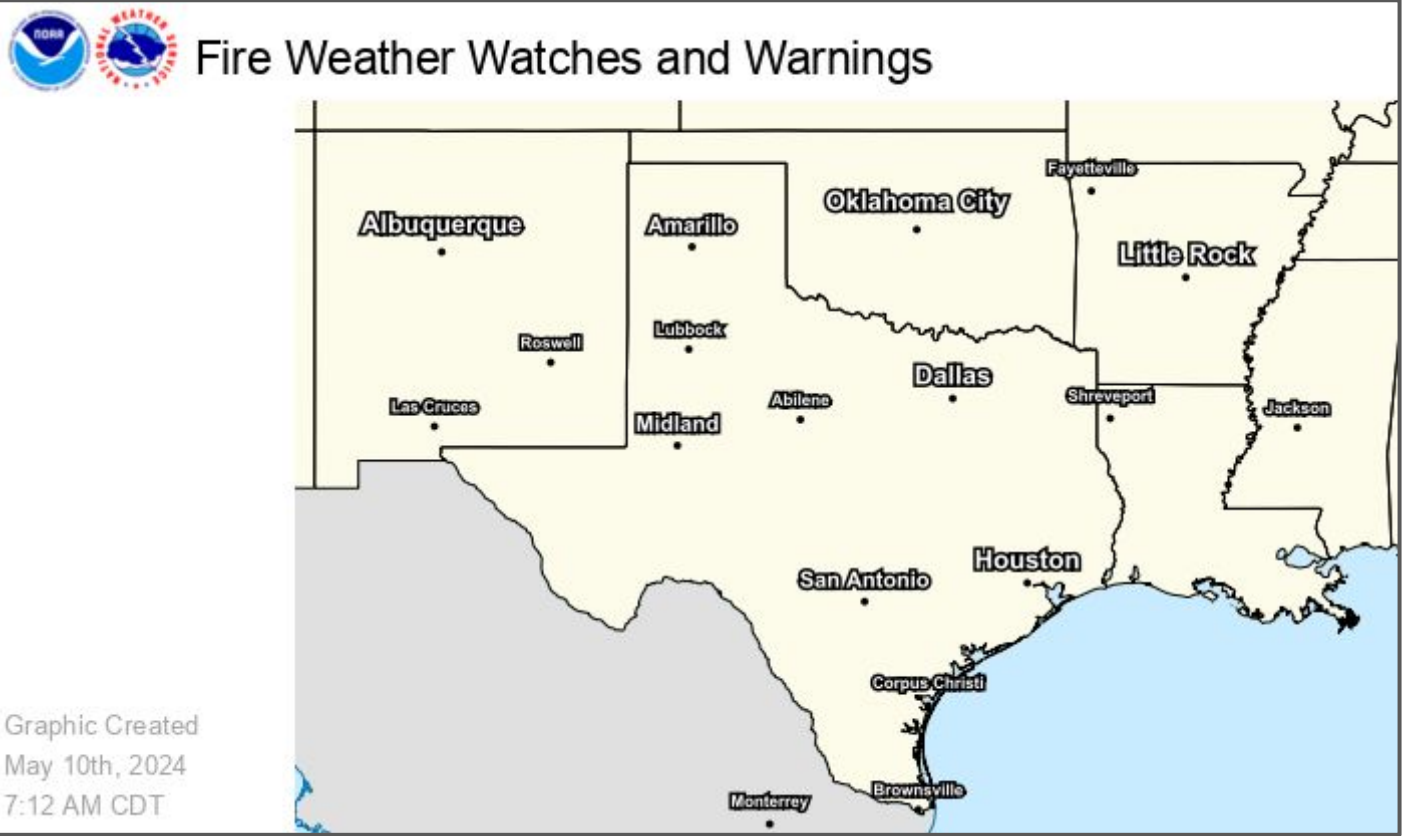
Today's Tornado & Severe Wind / Hail Probabilities

May 10, 2024



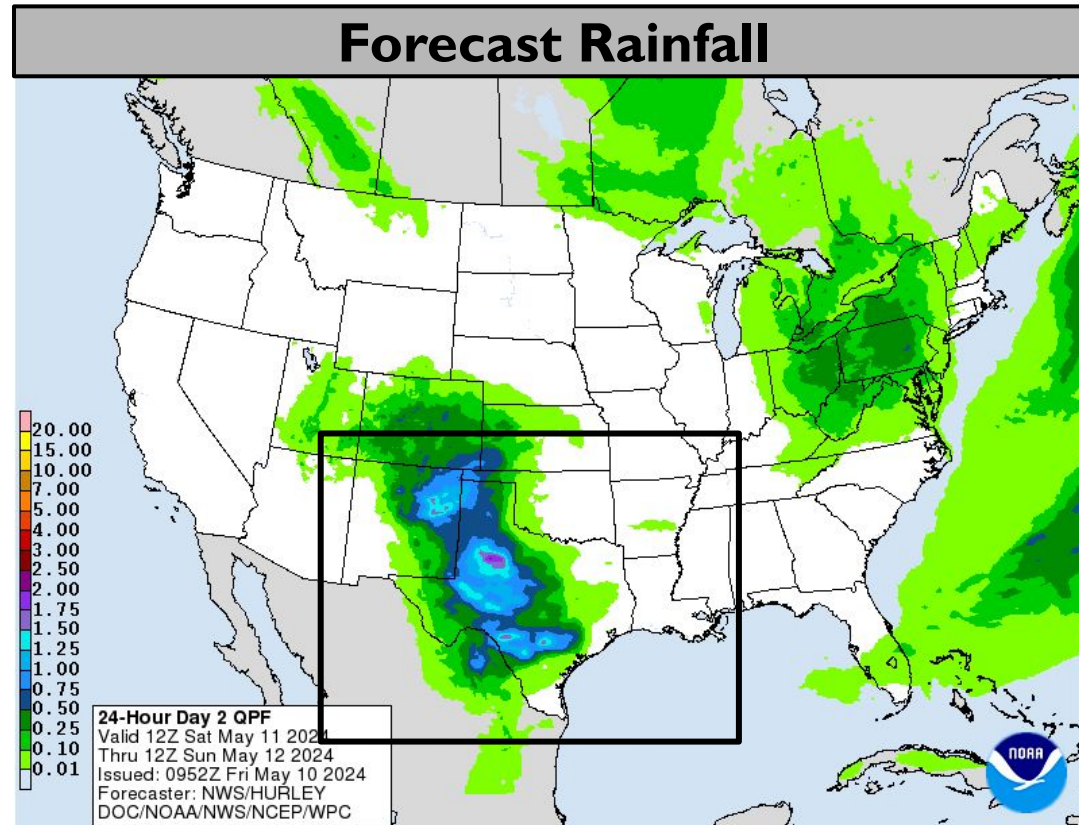
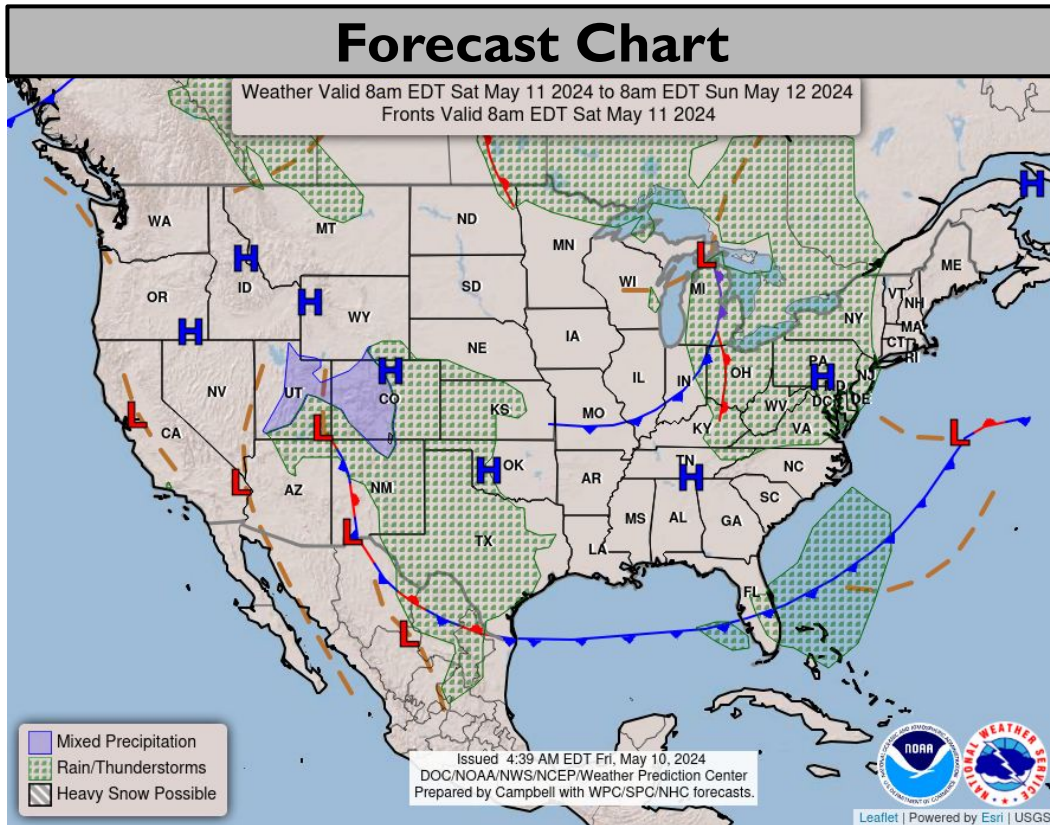


Fire Weather Outlooks



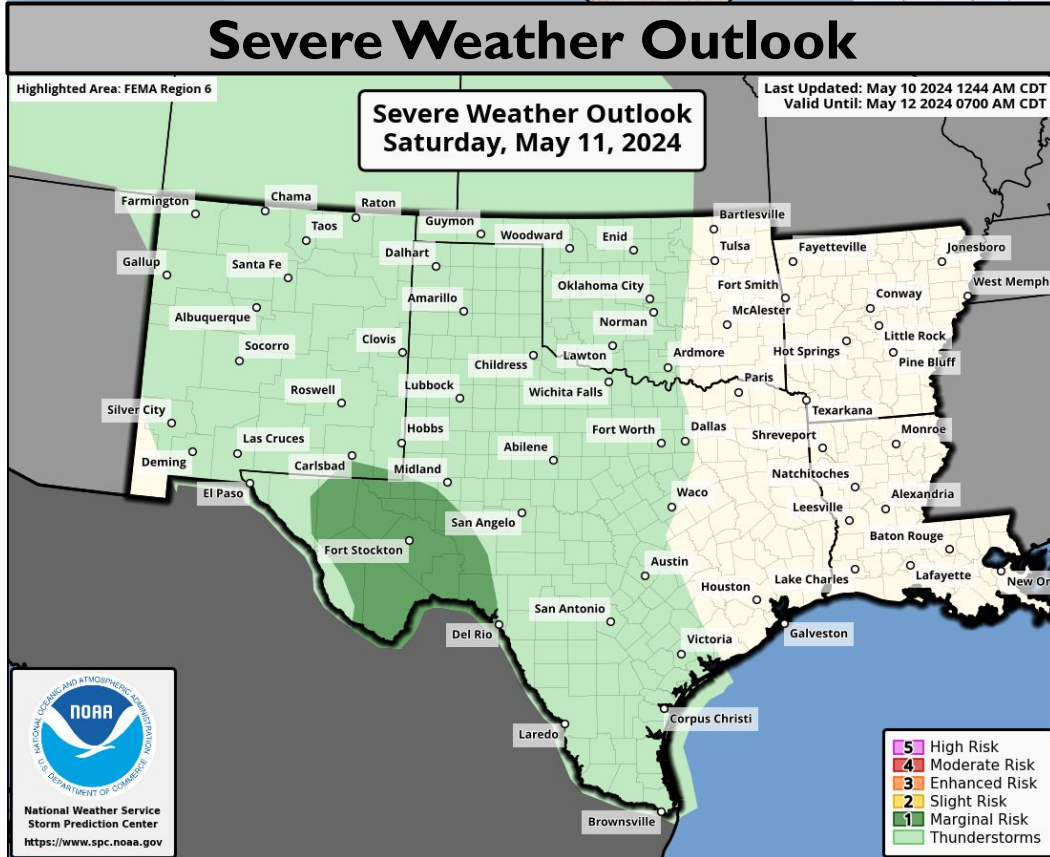


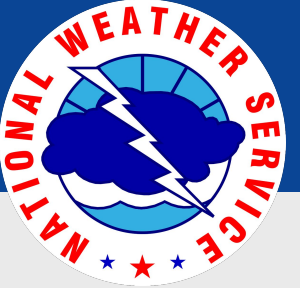
Tomorrow's Weather



Marginal risk for isolated severe storms for far SE NM, W TX.

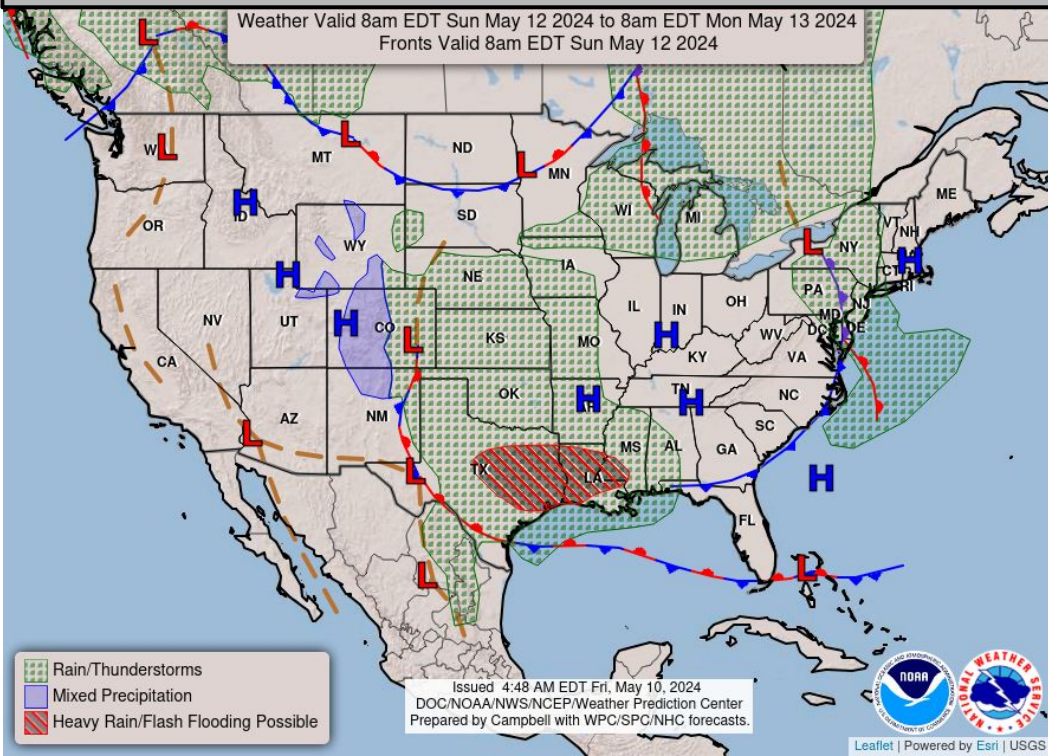
Marginal risk for isolated heavy rainfall/flash flooding for E NM into W/S-Ctrl TX.



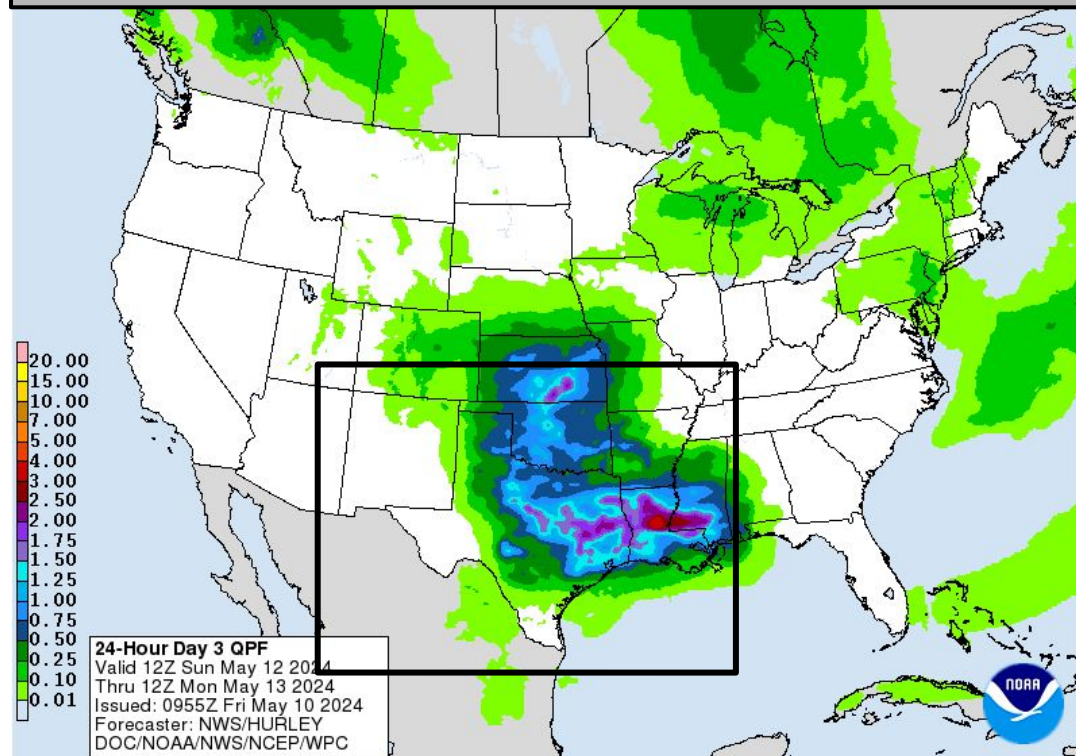


Sunday's Weather

Forecast Chart



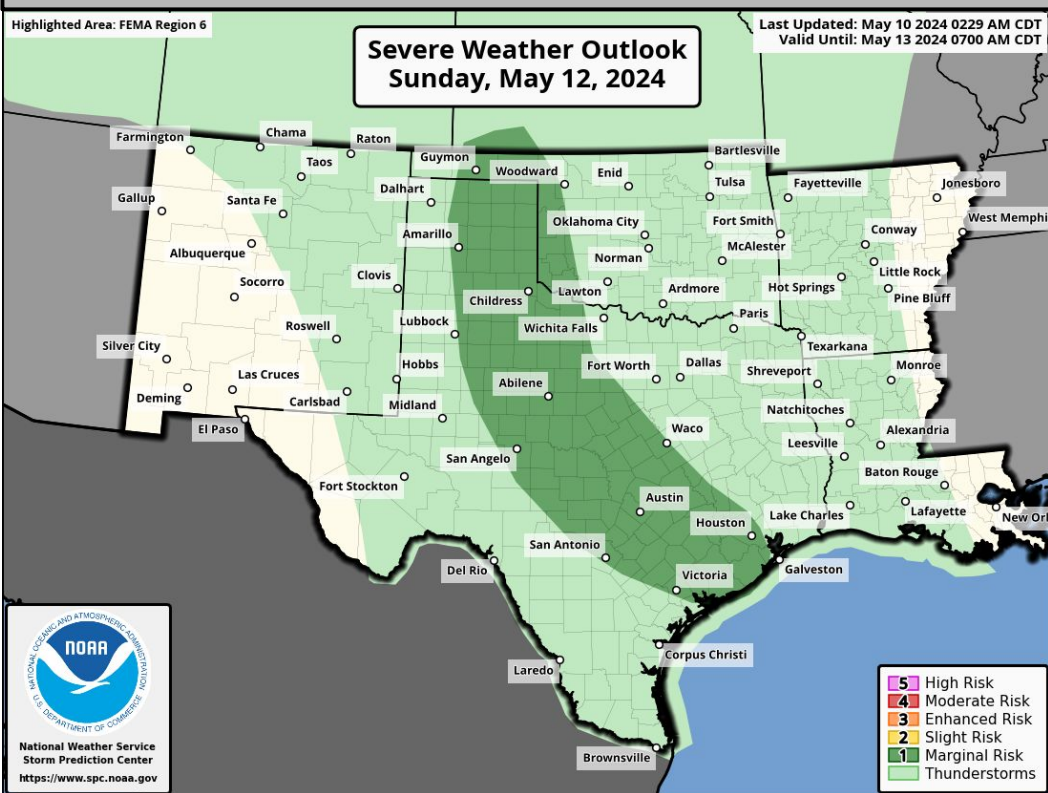
Forecast Rainfall



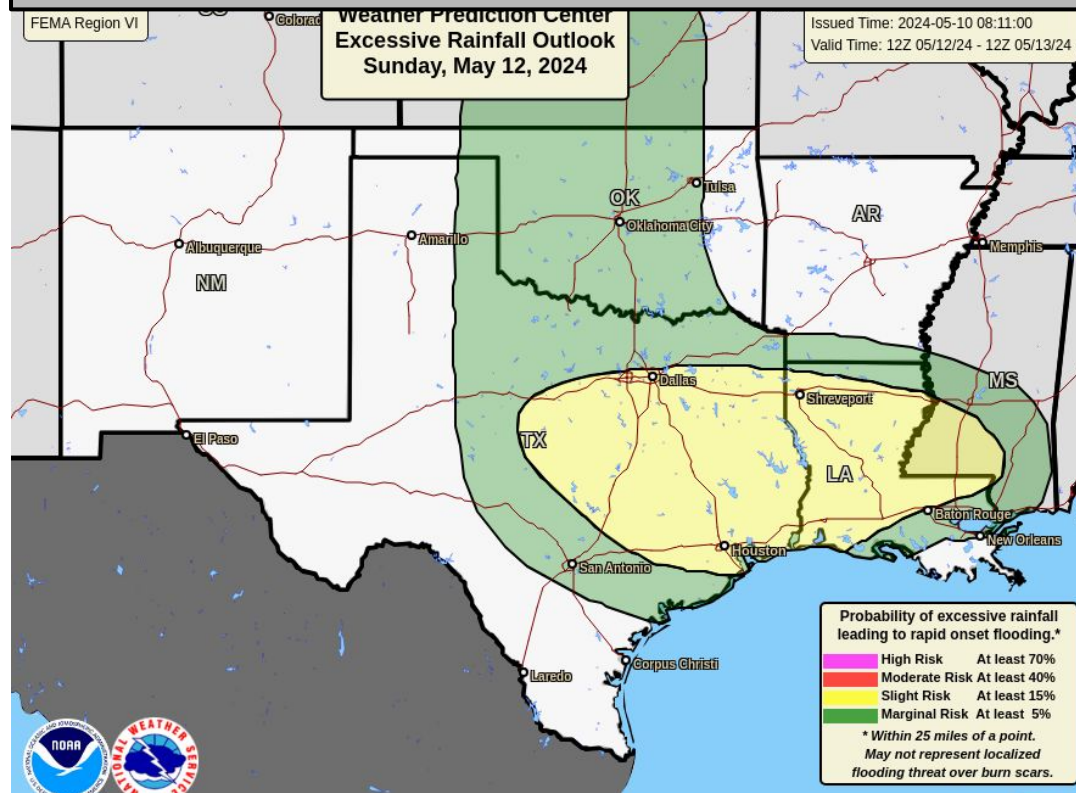
Slight risk of heavy rain/flash flooding for Ctrl/E/SE TX into LA.

Marginal risk for isolated severe storms for far W OK into NW/Ctrl/SE TX.

Severe Weather Outlook



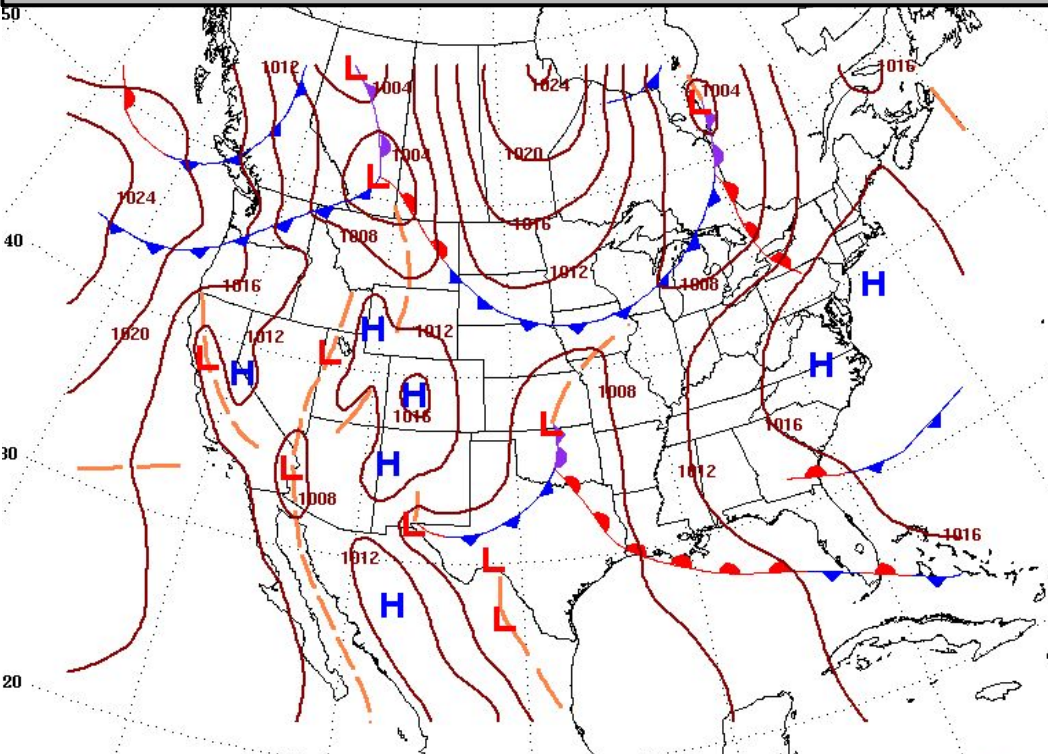
Excessive Rainfall Outlook



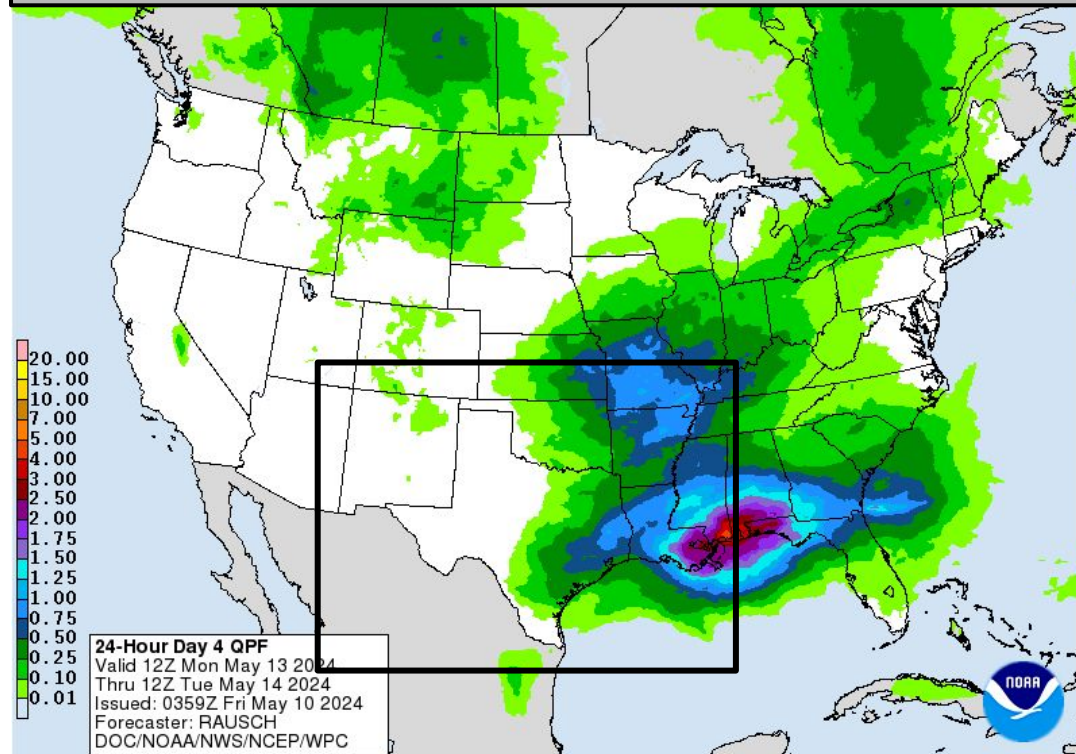


Monday's Weather

Forecast Chart

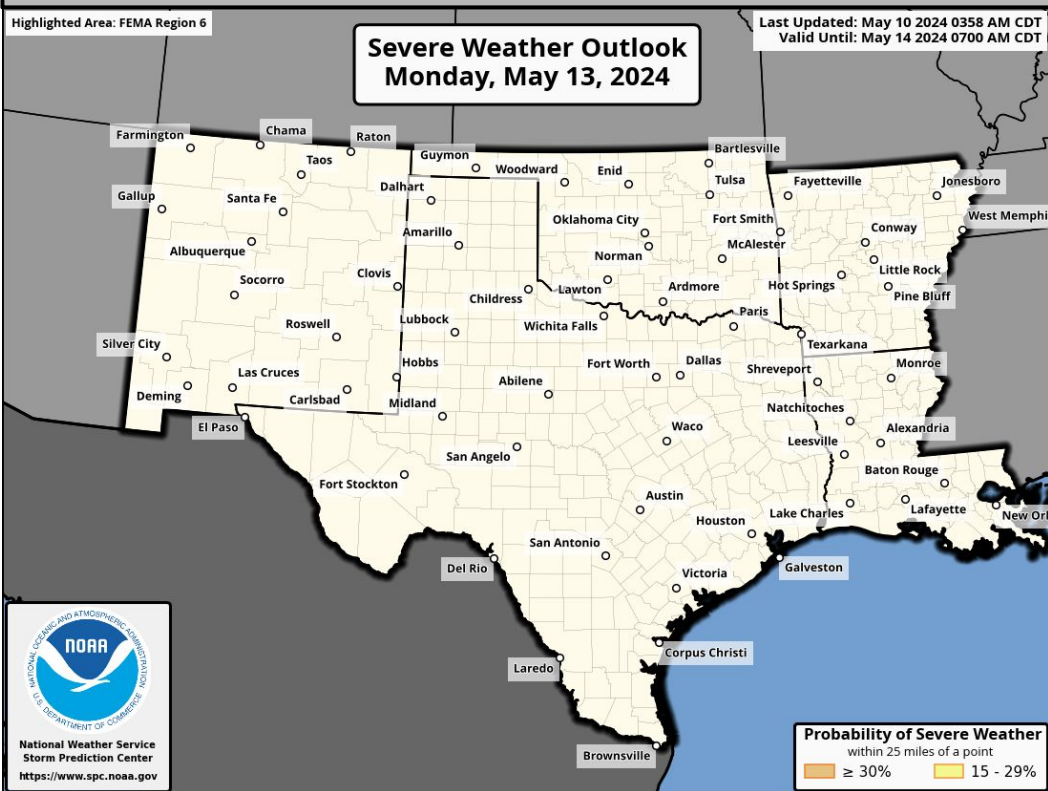


Forecast Rainfall

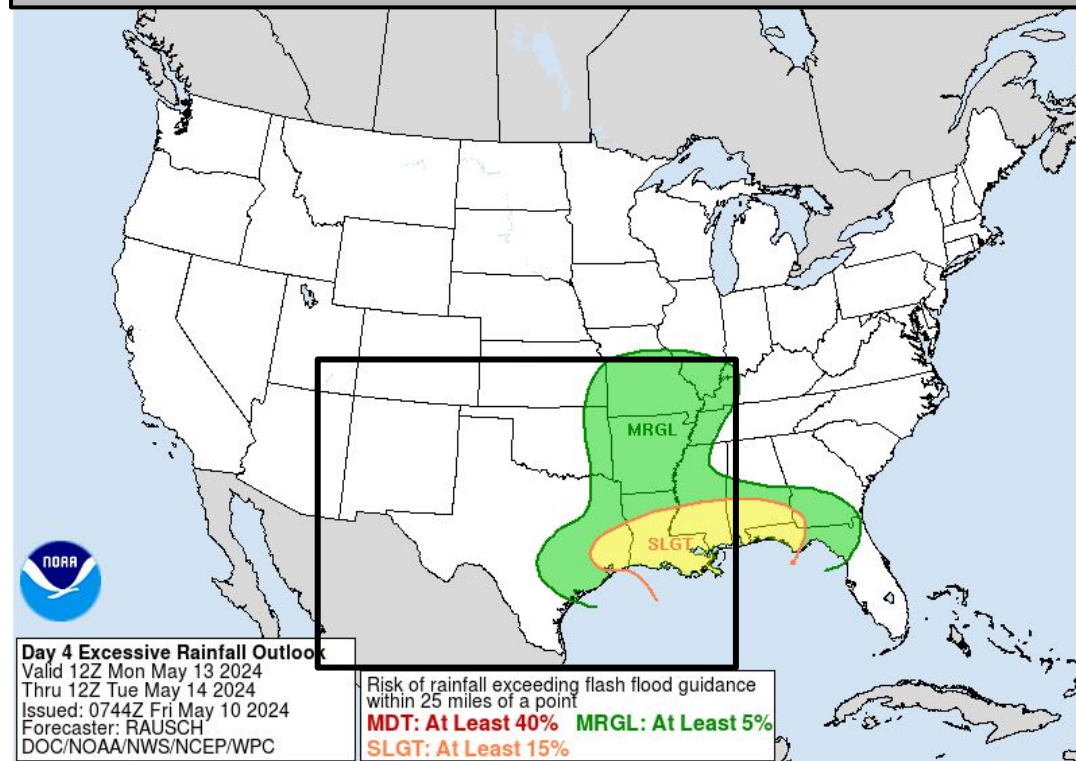


Slight risk for heavy rainfall/flash flooding for SETX into LA.

Severe Weather Outlook



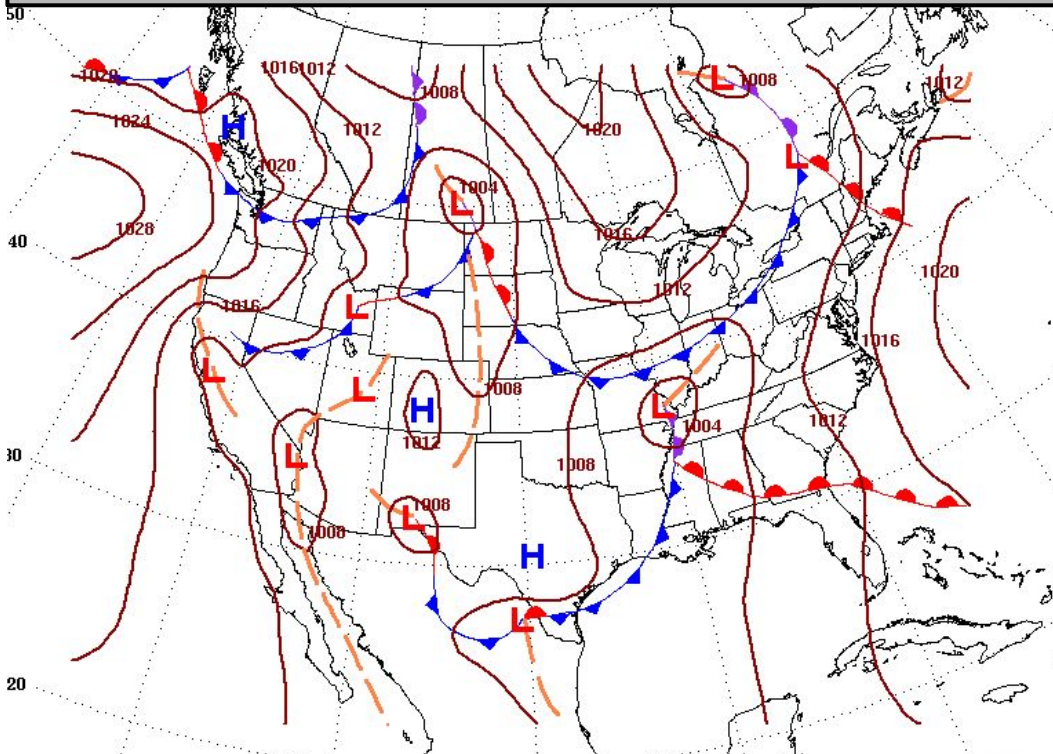
Excessive Rainfall Outlook



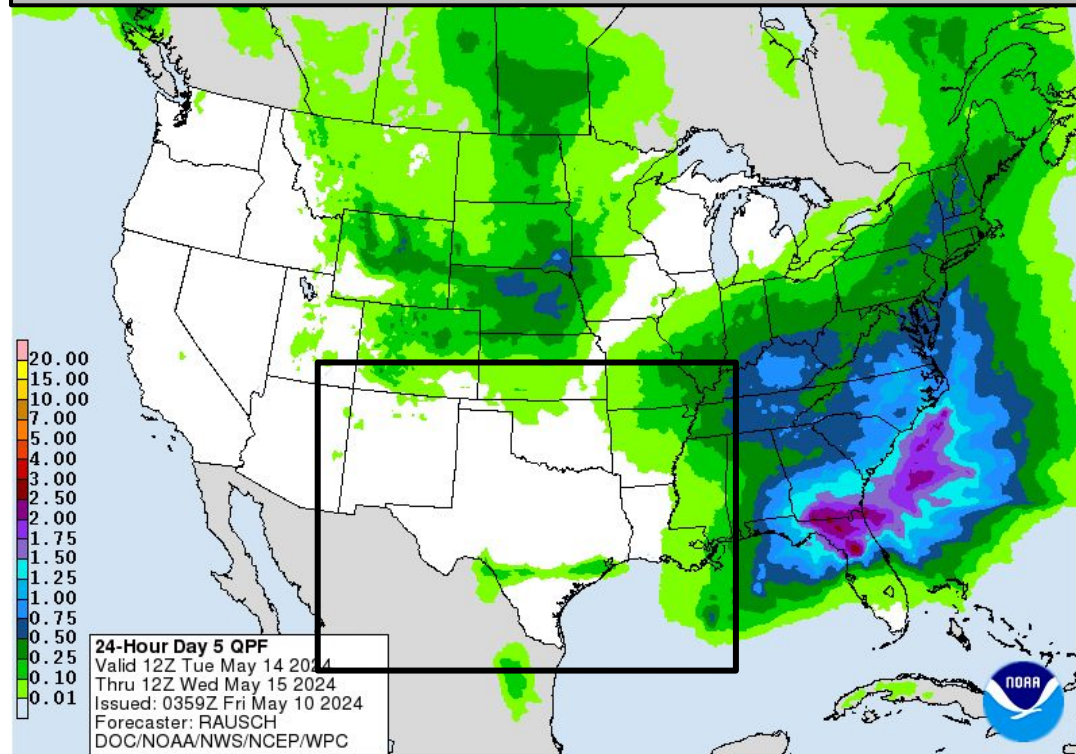


Tuesday's Weather

Forecast Chart

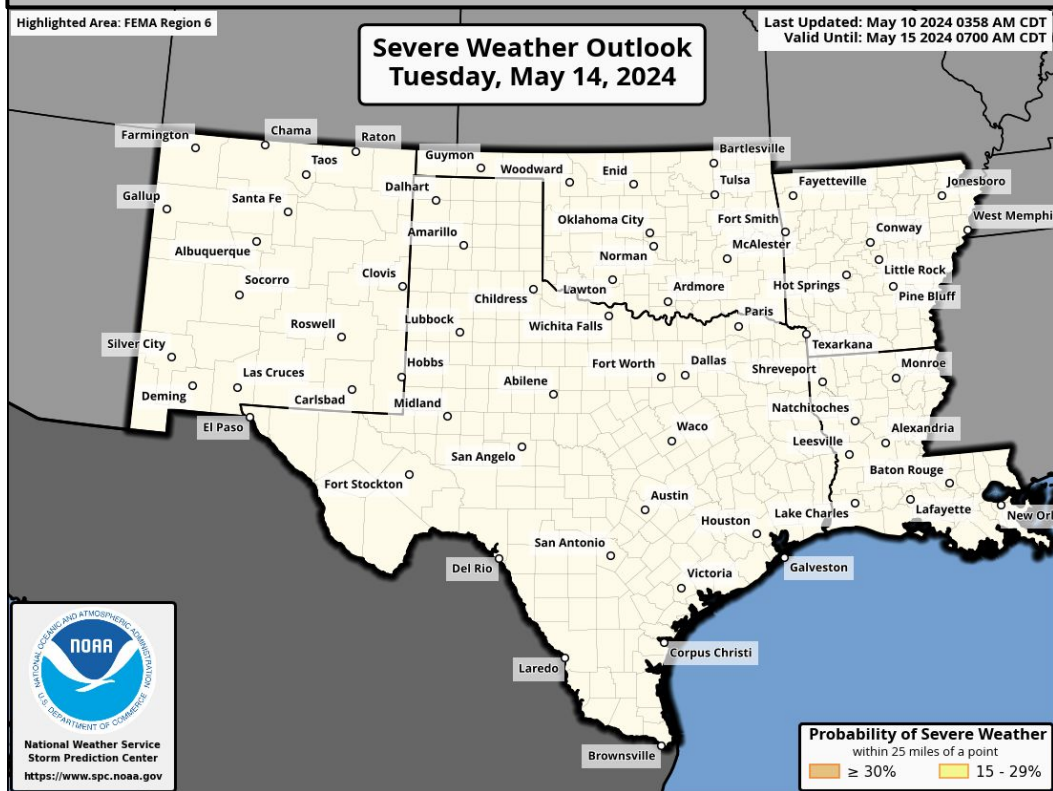


Forecast Rainfall

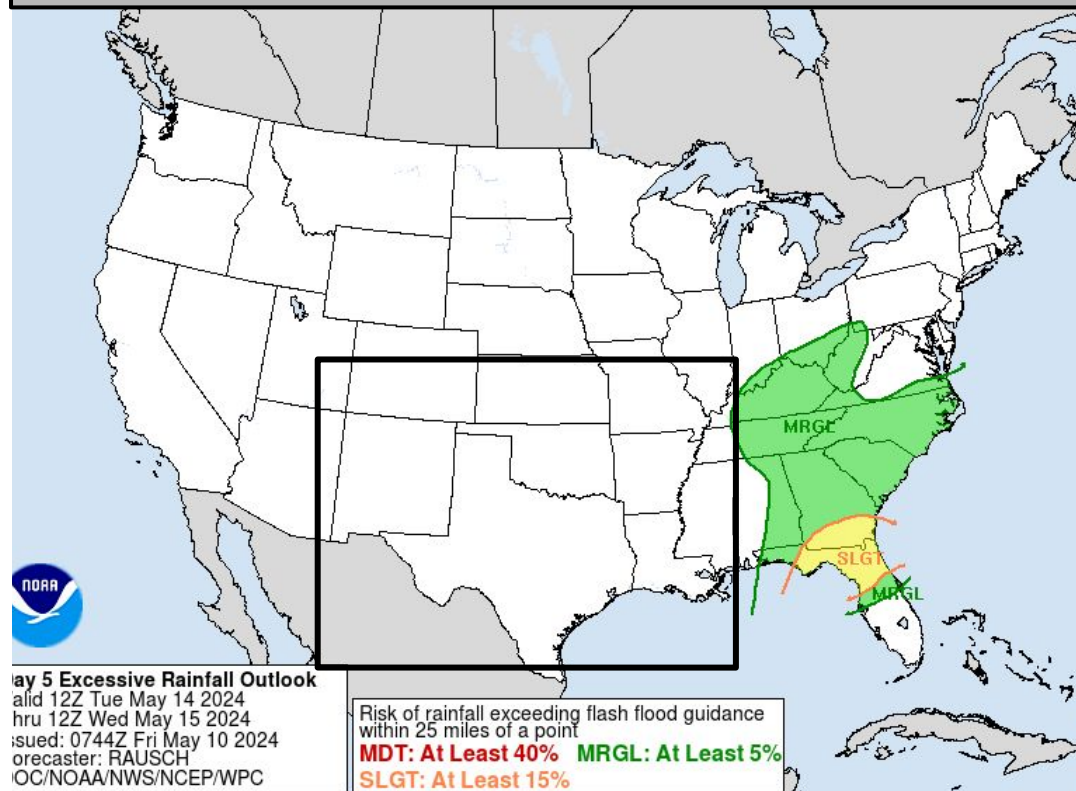


No significant weather expected.

Severe Weather Outlook

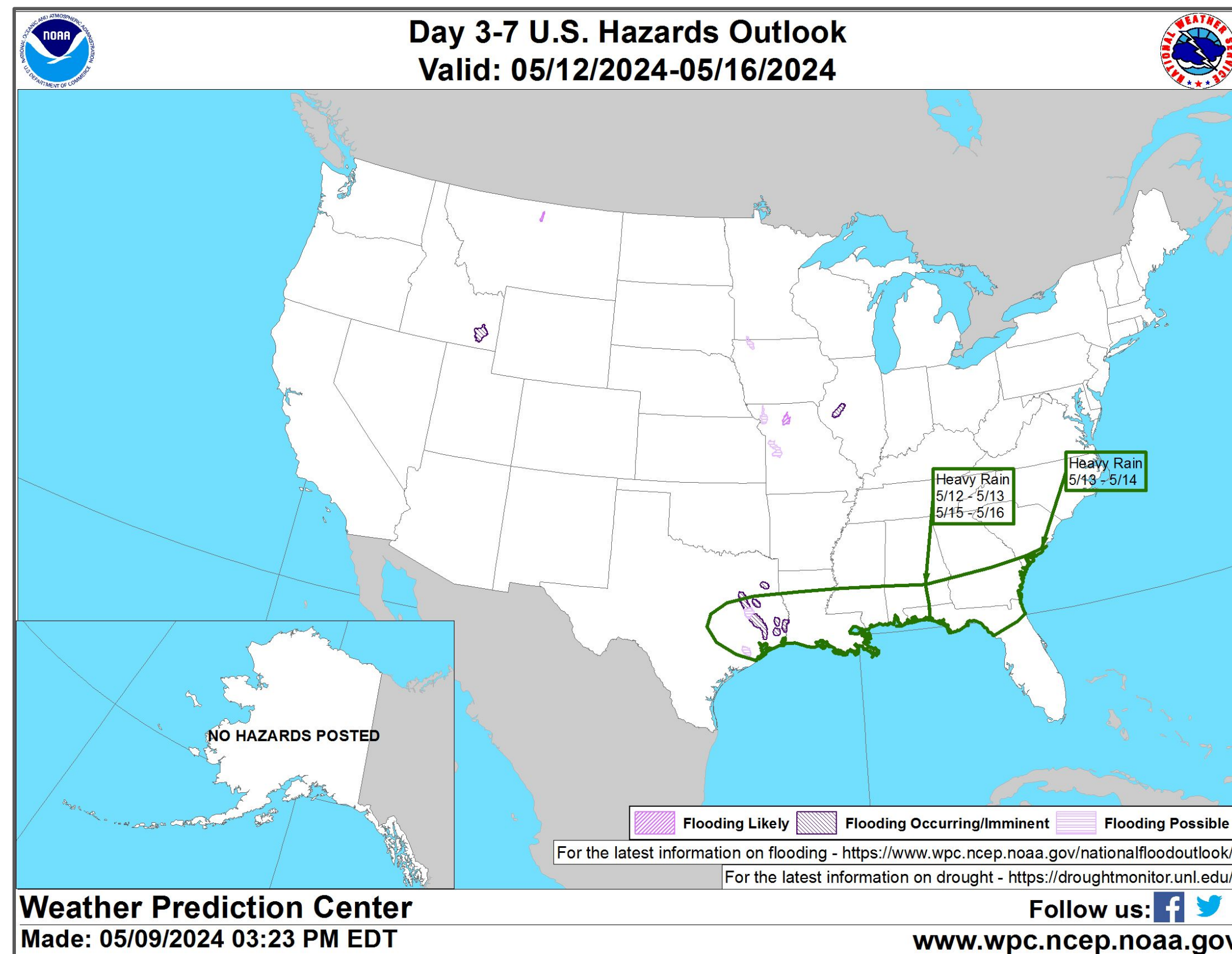


Excessive Rainfall Outlook





“Day 3-7” Hazards Outlook



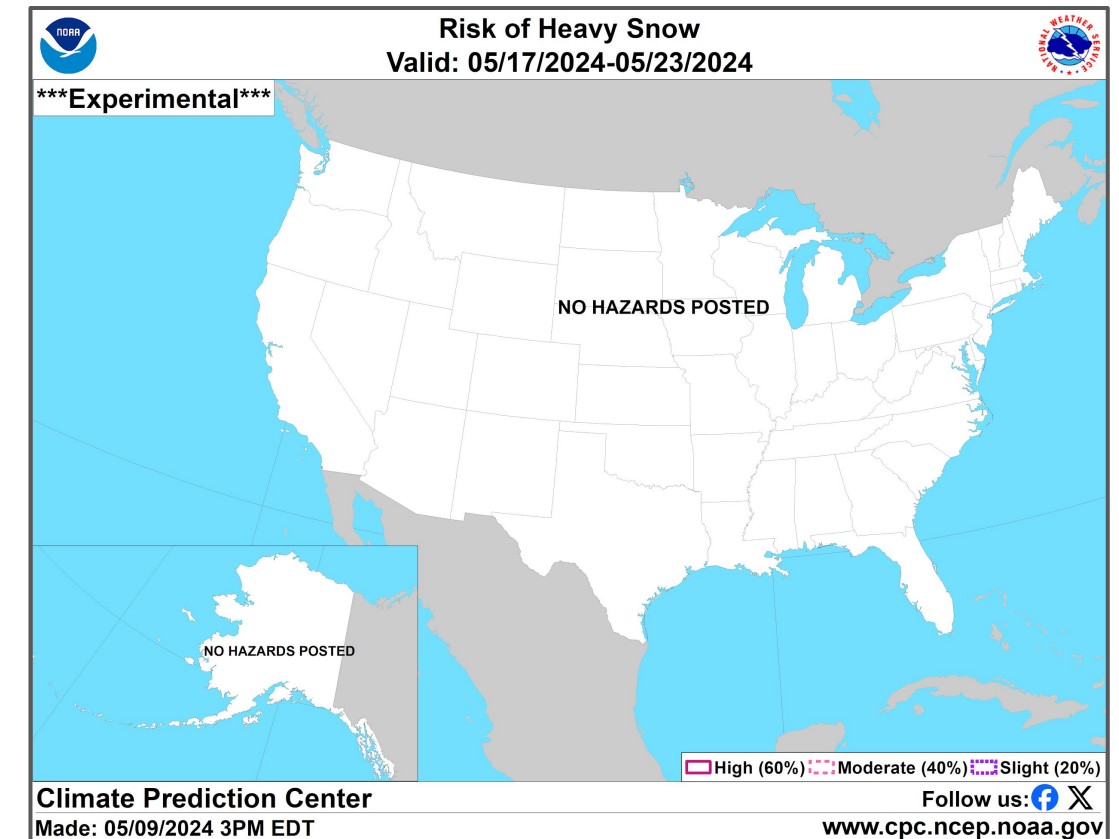
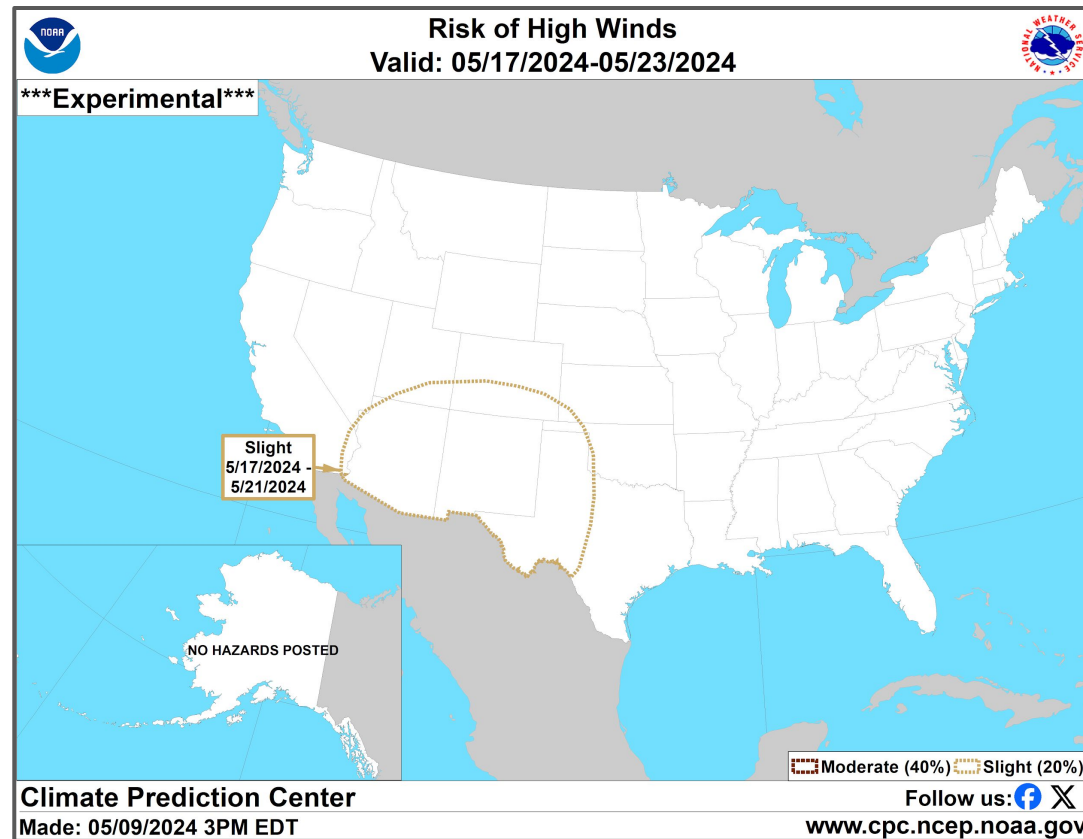
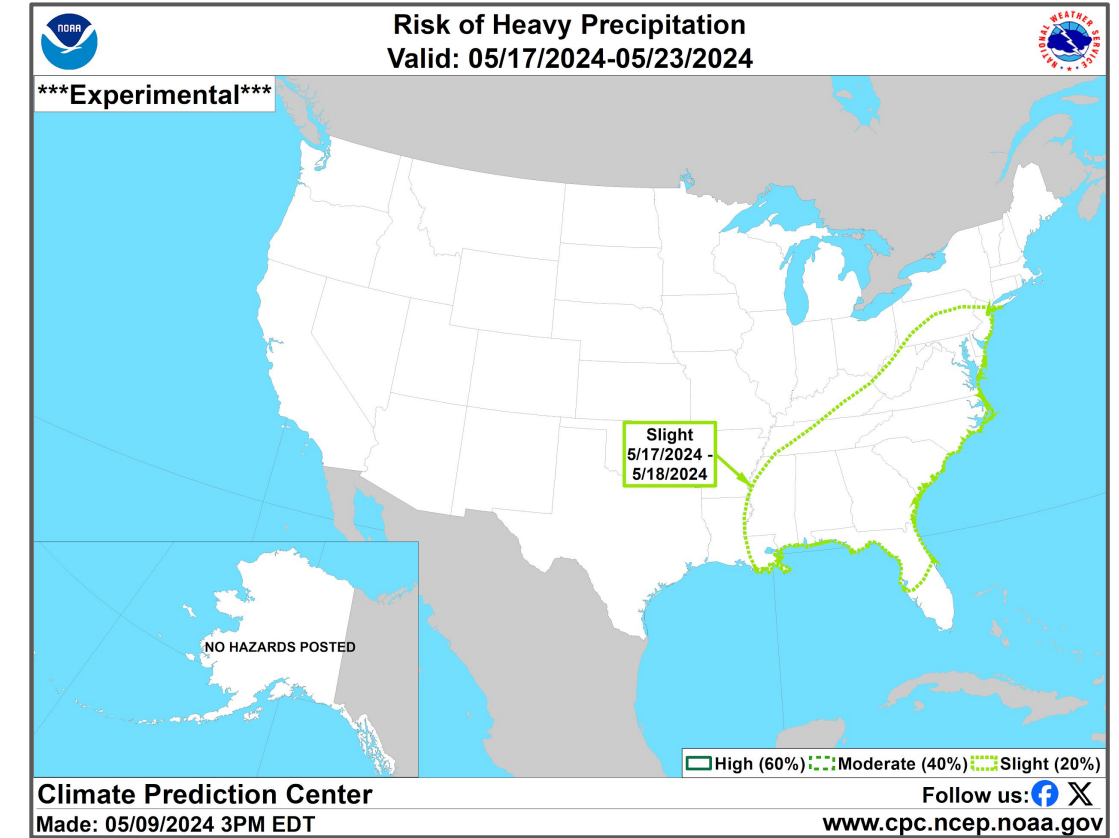
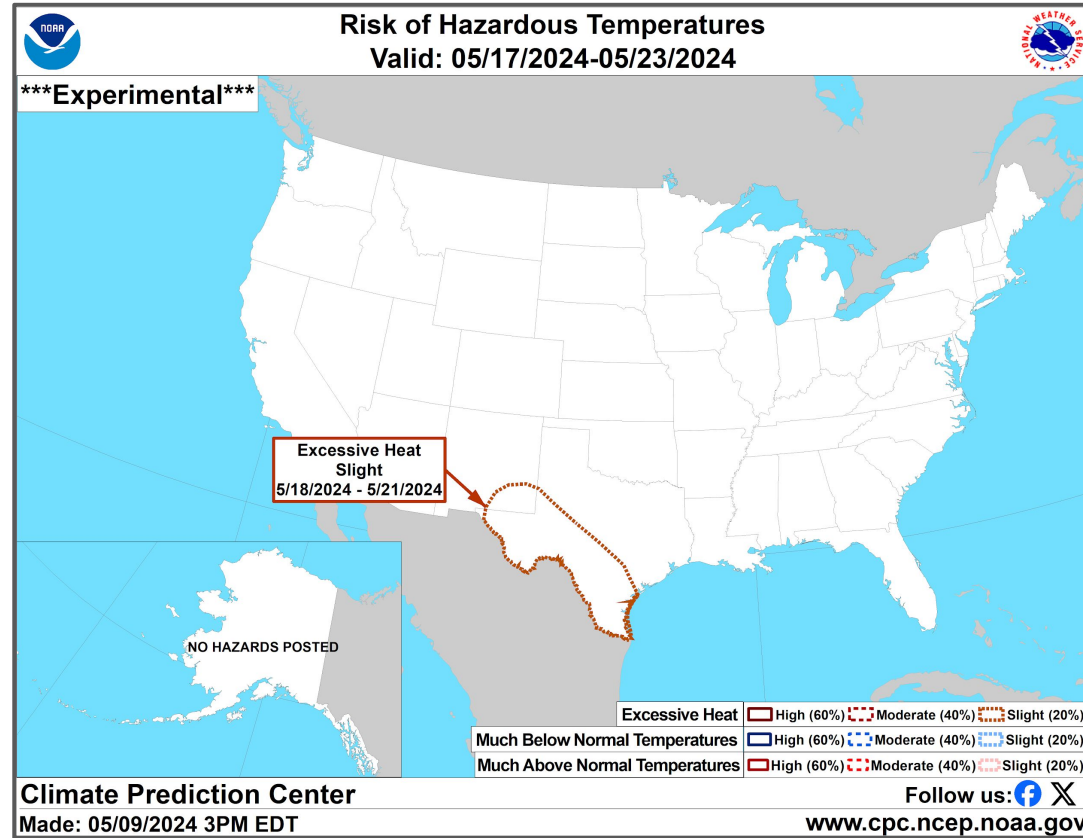
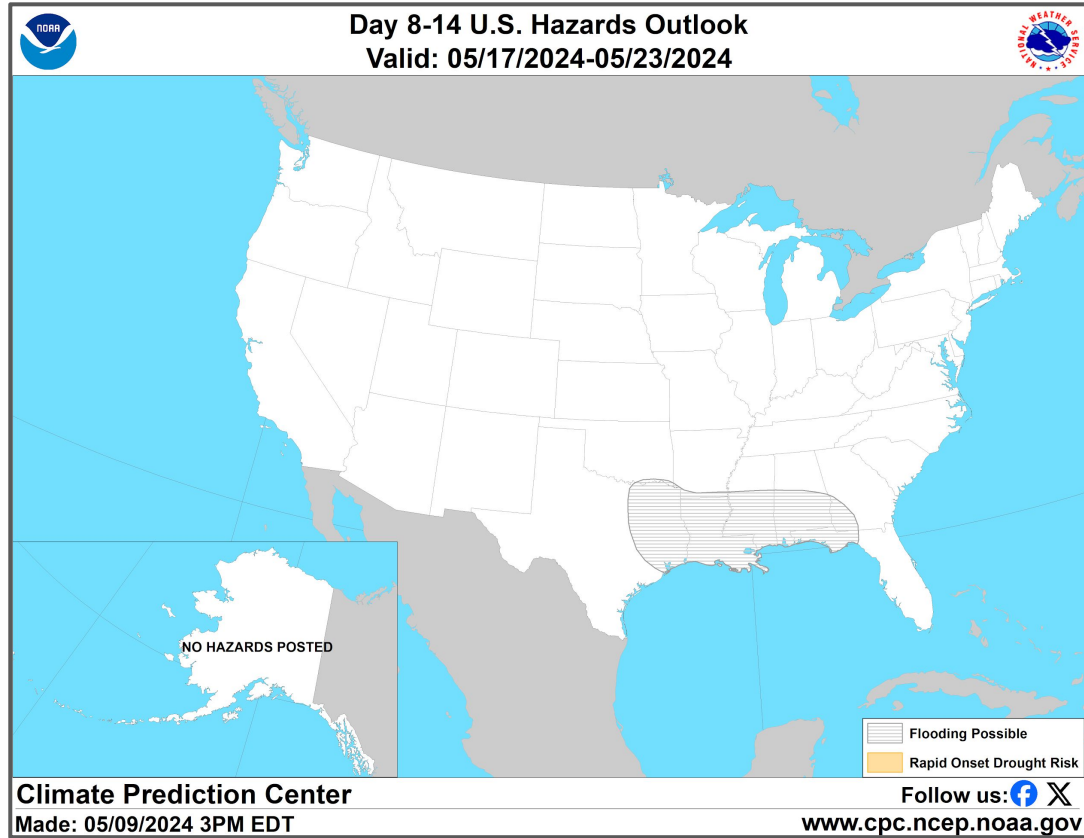
NOTE: These outlooks are issued in the afternoon and only issued on weekdays. Because of that and the fact that these slides are issued in the mornings:

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>



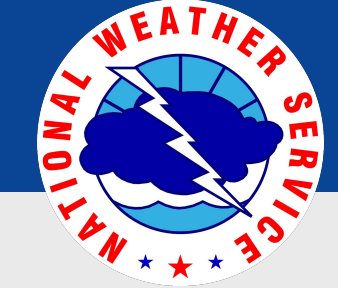
“Day 8-14” Hazards Outlook



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:

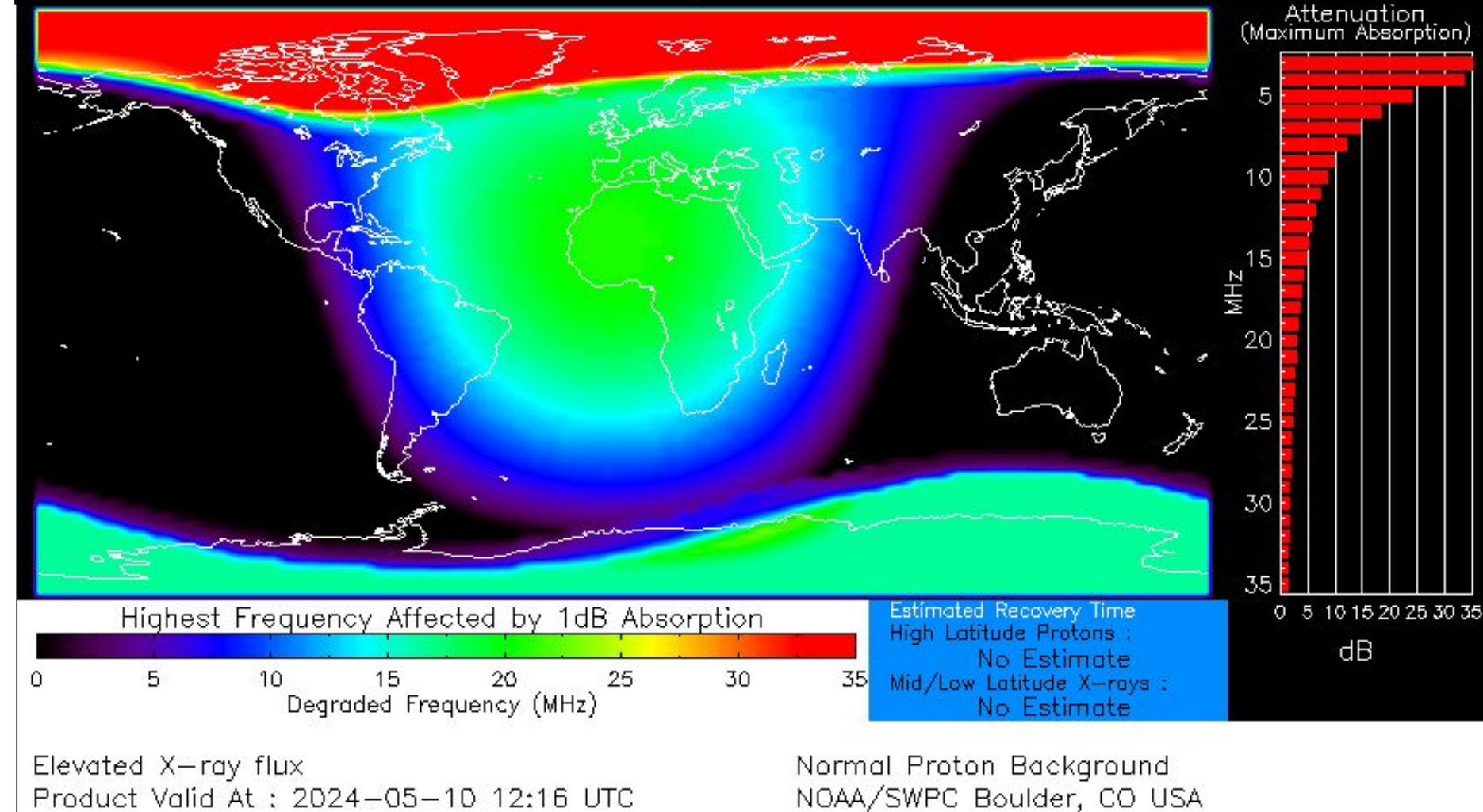
1. The “day 8-14” will really be days 7-13
2. This slide will be hidden on Mondays and Sundays so the data/information is not too old

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



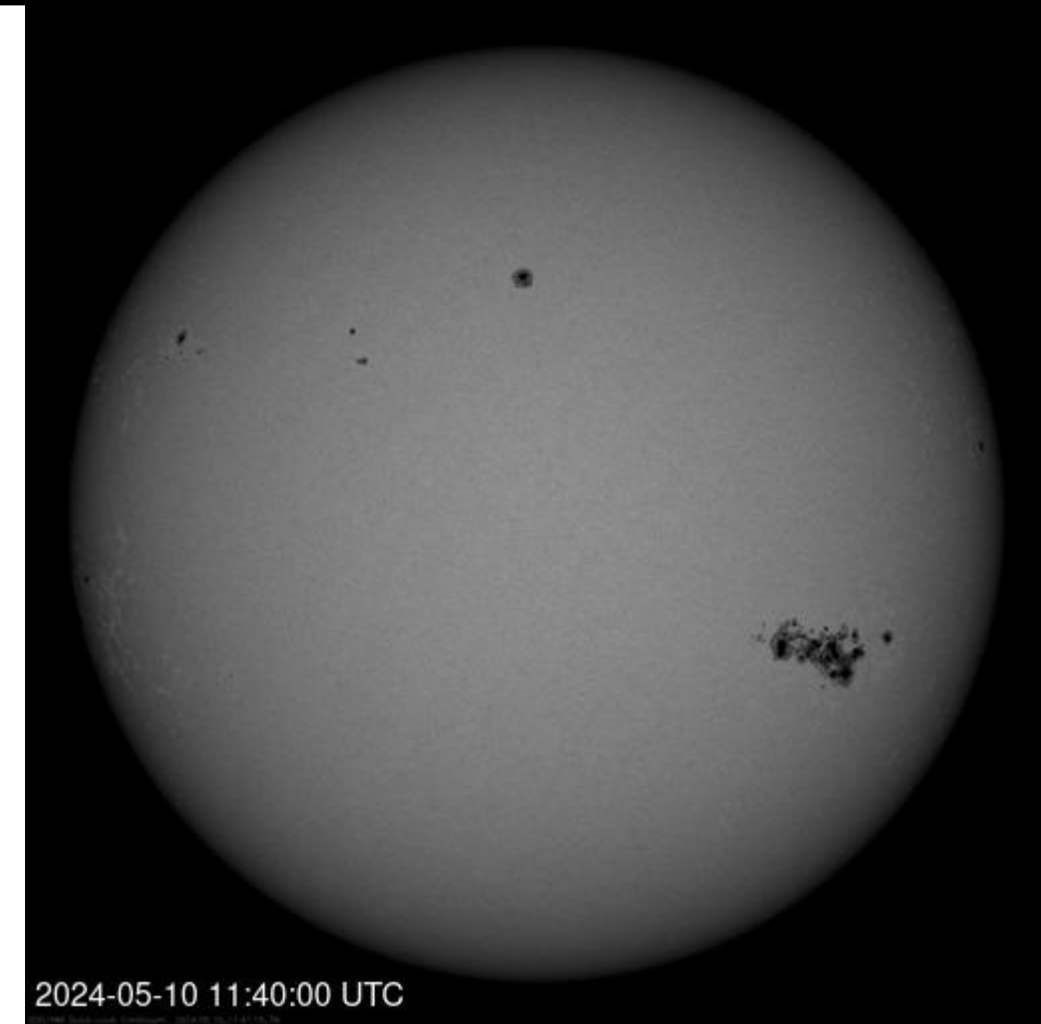
Space Weather 3-Day Forecast

	Friday, May 10	Saturday, May 11	Sunday, May 12
Geomagnetic Storms	Severe (G4) (Max Kp = 8)	Moderate (G2) (Max Kp = 6)	Active (Max Kp = 4)
Solar Radiation Storm (S1-S5)	55%	55%	55%
Radio Blackout (R1-R2)	95%	95%	95%
Radio Blackout (R3-R5)	75%	75%	75%



[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;">Little to None</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"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as seabreeze storms in coastal TX
Yellow	<p style="text-align: center;">Minor</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"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail
Orange	<p style="text-align: center;">Moderate</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"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	<p style="text-align: center;">Major</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"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	<p style="text-align: center;">Extreme</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"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to sr-srh.roc@noaa.gov



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