



FEMA



Prepared by
Christina Barron

FEMA Region 6 Weather Threat Briefing

Wednesday, May 15, 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 to Enhanced risk for severe storms for TX Panhandle, OK today; Slight for N/Ctrl TX on Thursday; much of LA on Friday.**
- **Moderate Risk for heavy rain/flash flooding for E/SE TX, LA on Thursday, Slight Risk for LA and NR AR on Friday.**
- **Moderate to isolated major river flooding continues across E/SE TX with additional moderate to major flooding possible Thursday-Friday.**
- **No new tropical cyclones are expected during the next 7 days.**



FEMA Region 6 Threat Matrix

Next 5 Days

	Wednesday, May 15	Thursday, May 16	Friday, May 17	Saturday, May 18	Sunday, May 19
Severe Storms	TX Panhandle, OK Far E NM	NW/N/Ctrl TX, far SE NM	LA, far SE TX		
Heavy Rain / Flash Flooding	NE NM, TX Panhandle, OK, NW AR	E/SE TX, LA N/Ctrl TX, S OK, S AR	LA, NE AR	SE LA	
Fire Weather	S NM, far W TX	W TX		NM, far W TX	NM, far W TX
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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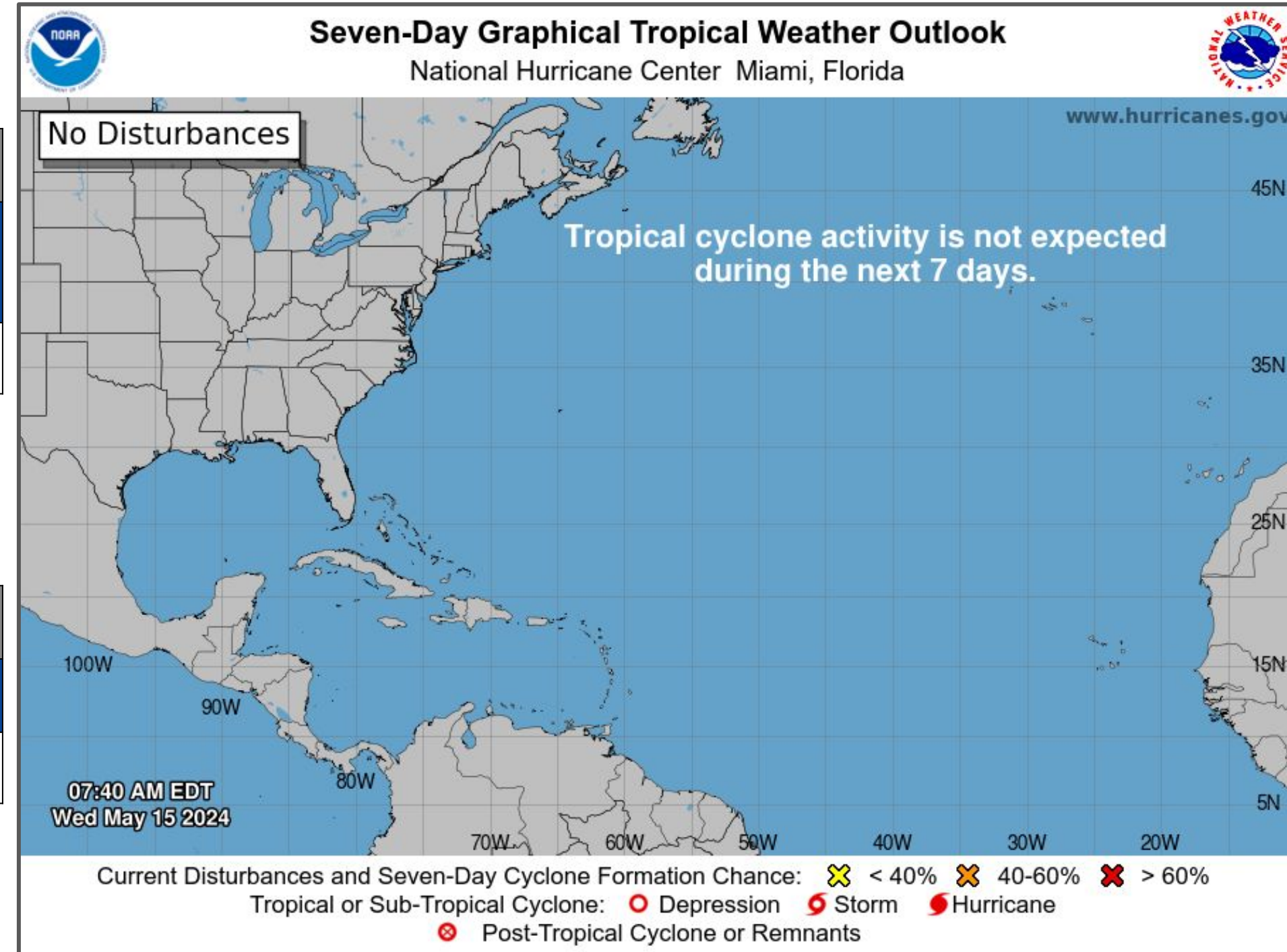
Tropical Weather Outlook – Atlantic/Gulf

Areas of Possible Development

Area	Chance of Development	Potential Impacts to FEMA 6

Active Tropical Cyclones

Storm	Potential Impacts to FEMA 6



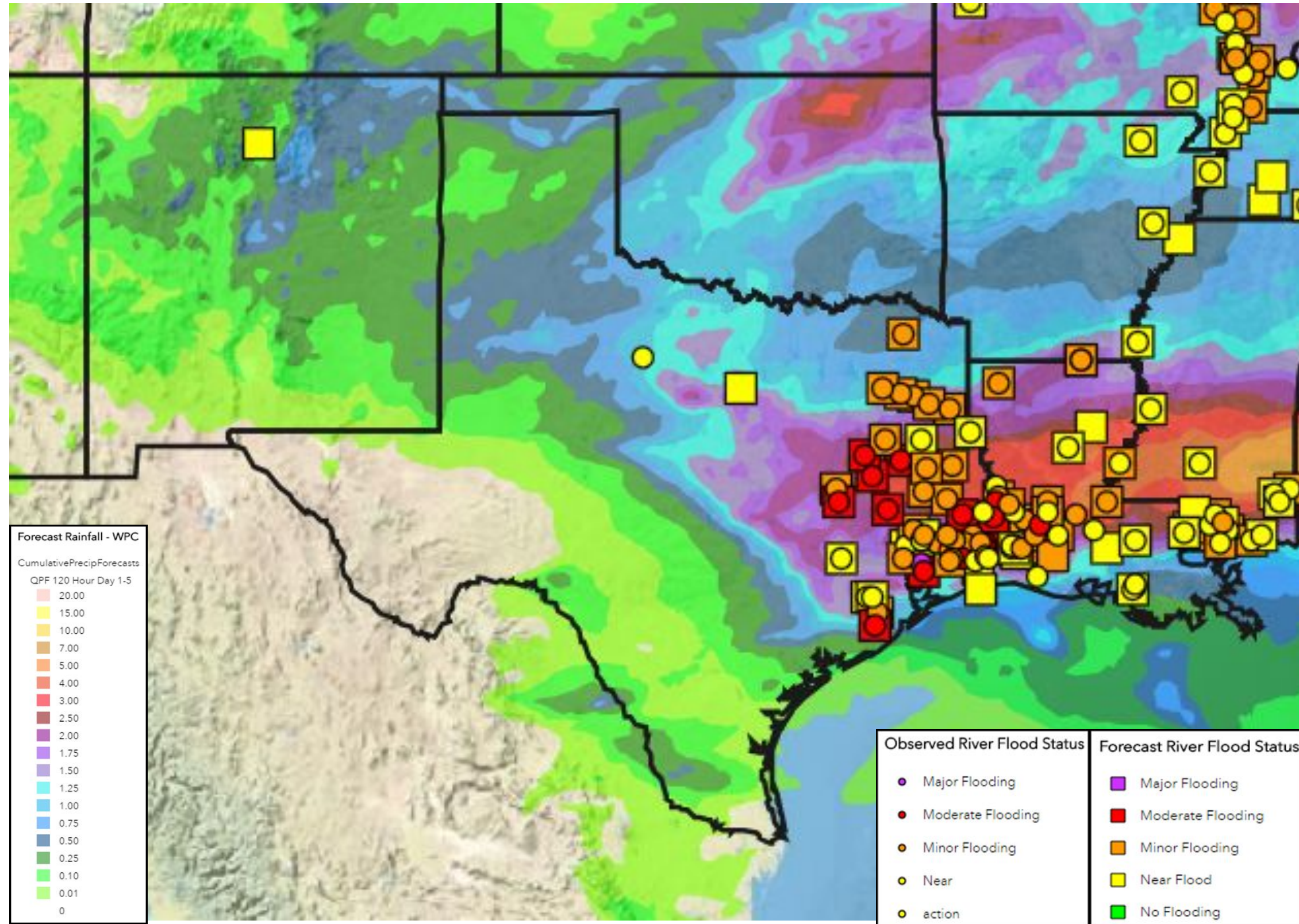
See <http://www.hurricanes.gov> for the latest on the tropics or any active storms





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



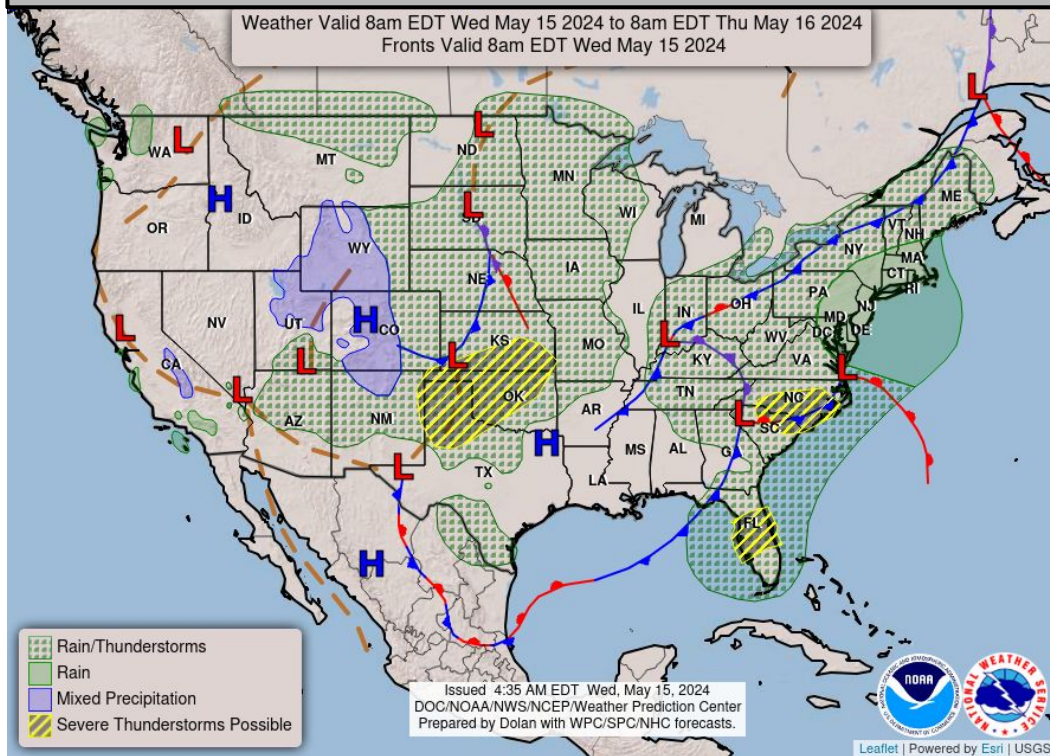
Moderate to Isolated Major river flooding continues across E/SE TX into next week. Homes, roads, and agricultural areas are flooded. Minor river flooding is expected over LA.

Heavy rain Thursday-Friday may lead to additional moderate to major river flooding in E/SE TX.

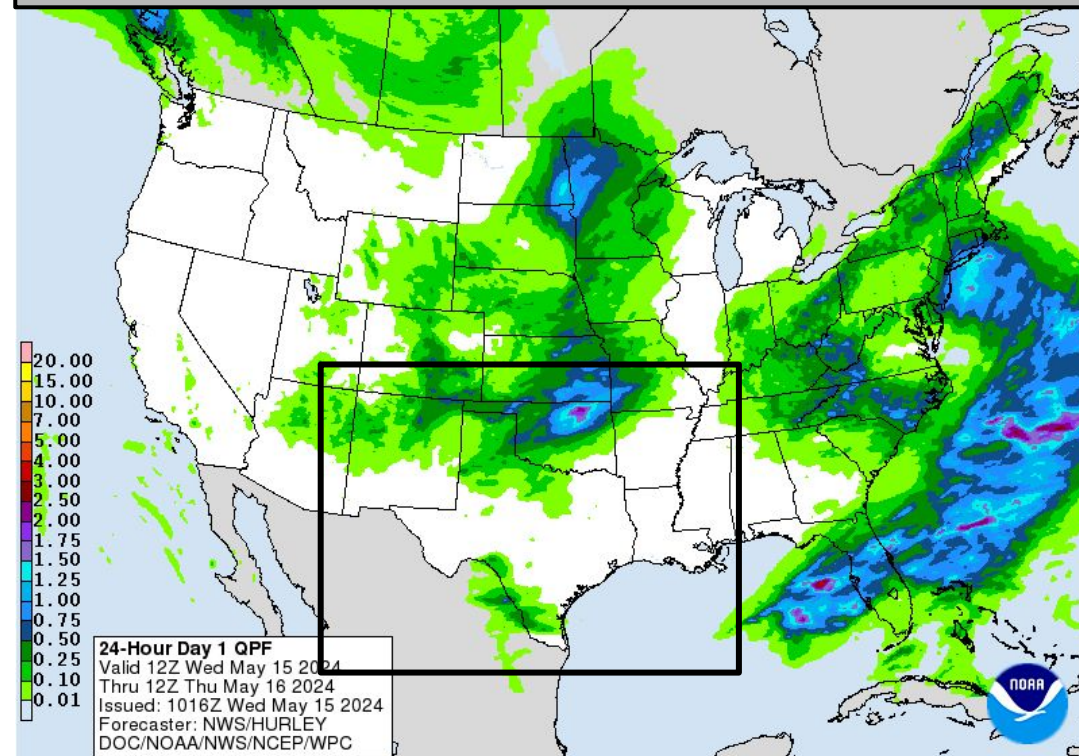


Today's Weather

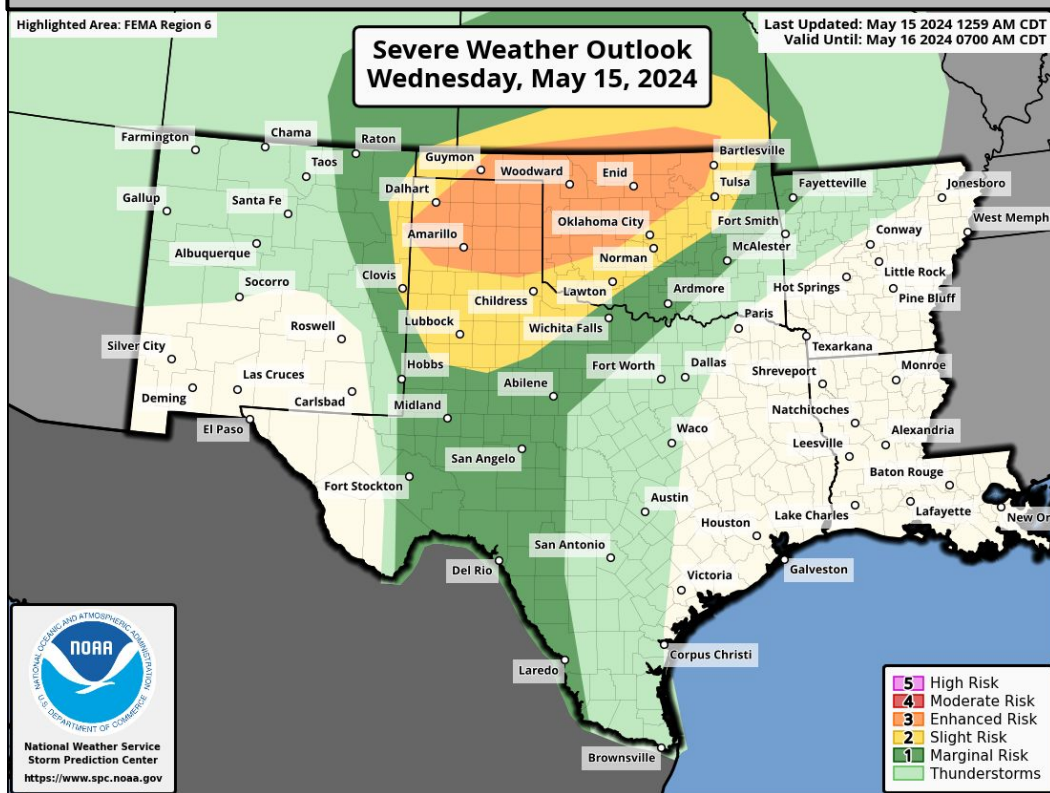
Forecast Chart



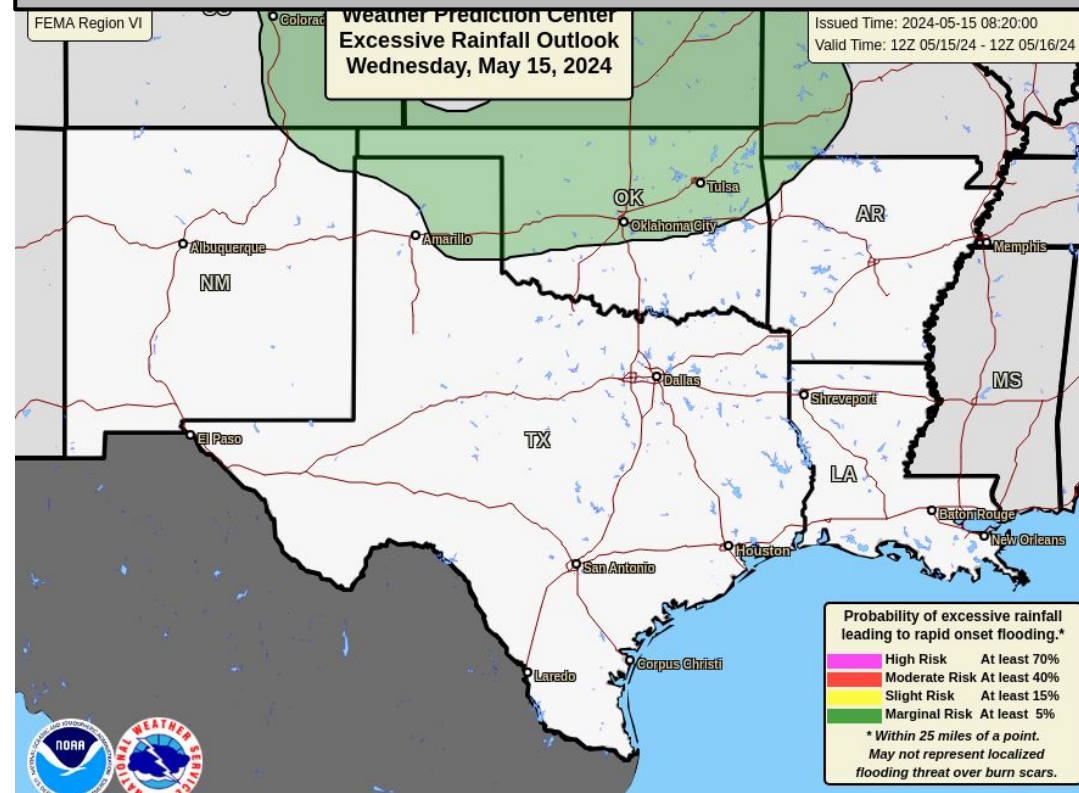
Forecast Rainfall



Severe Weather Outlook



Excessive Rainfall Outlook



Enhanced risk for severe storms for the TX Panhandle into OK.

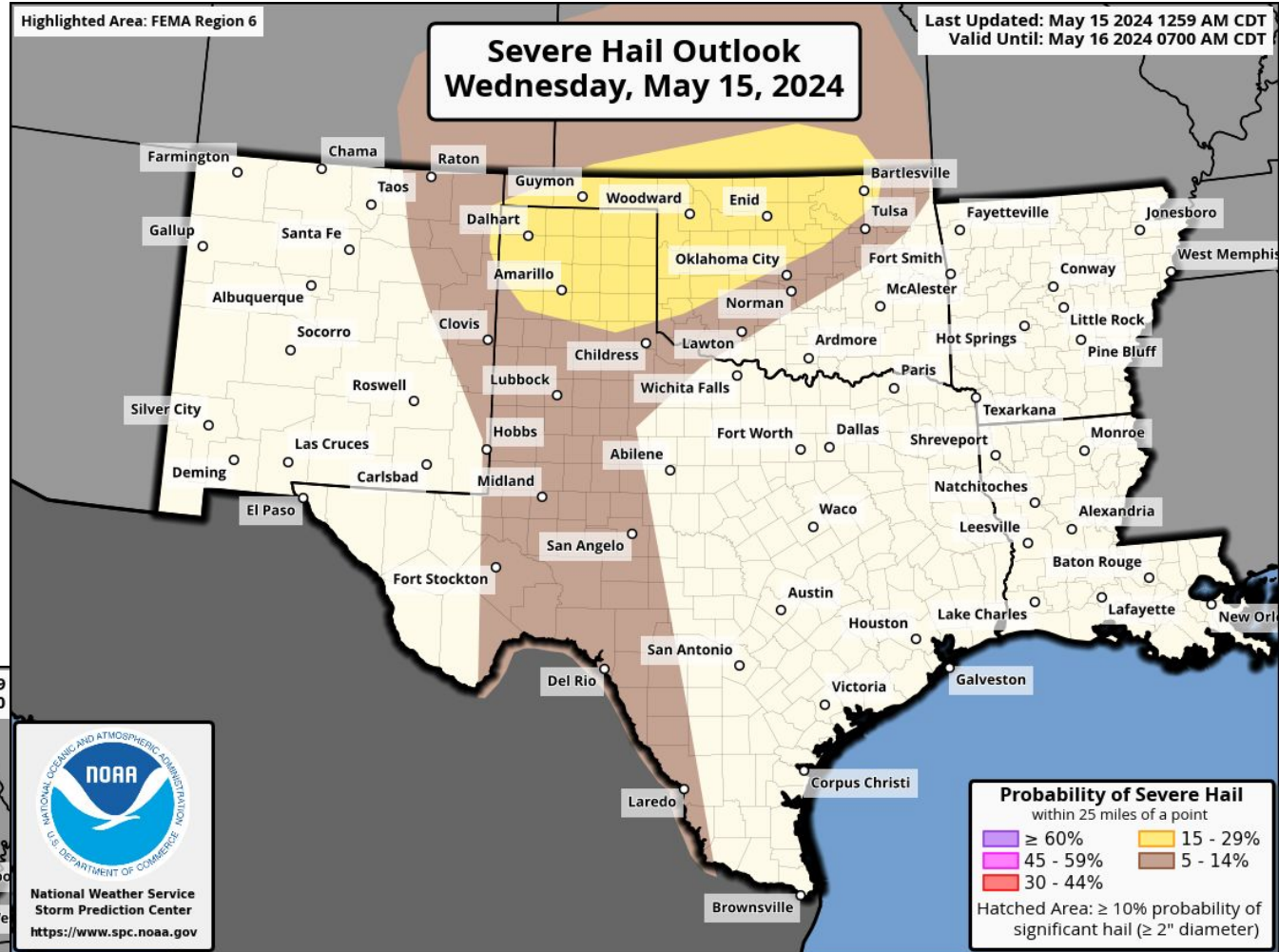
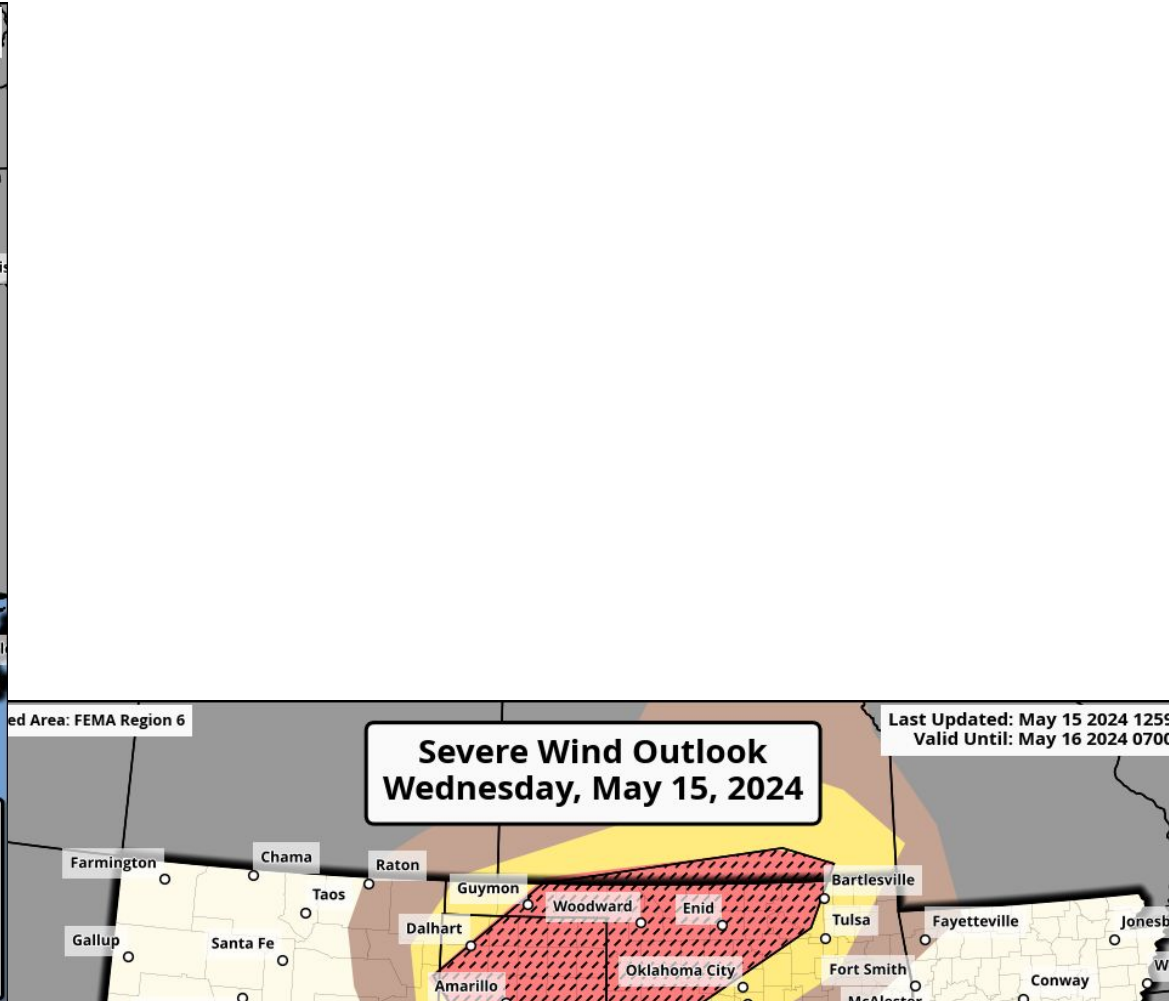
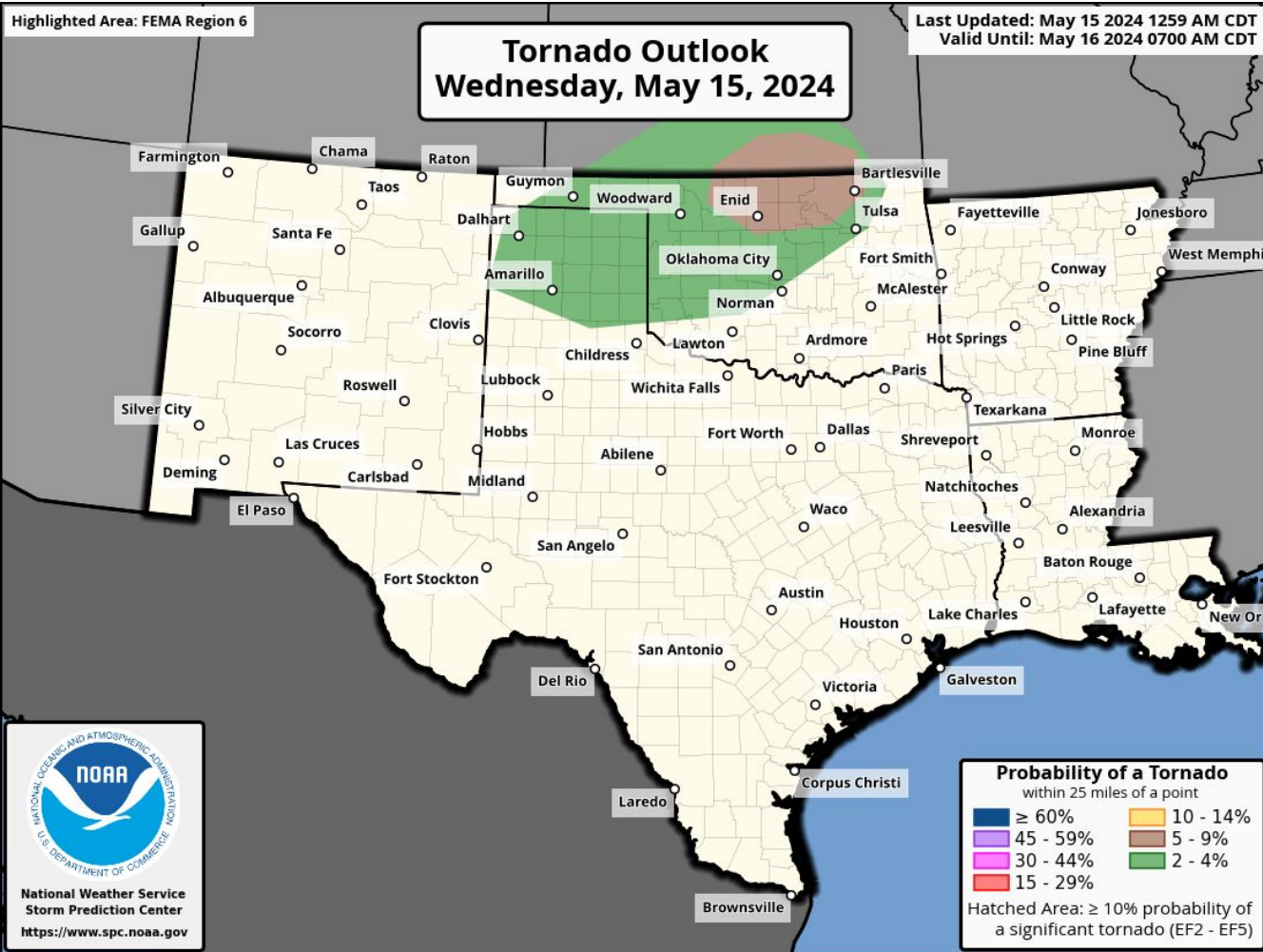
Marginal risk for isolated heavy rainfall/flash flooding for NE NM into the TX Panhandle, much of OK, and NW AR.

Elevated fire weather conditions for S NM into Far W TX.



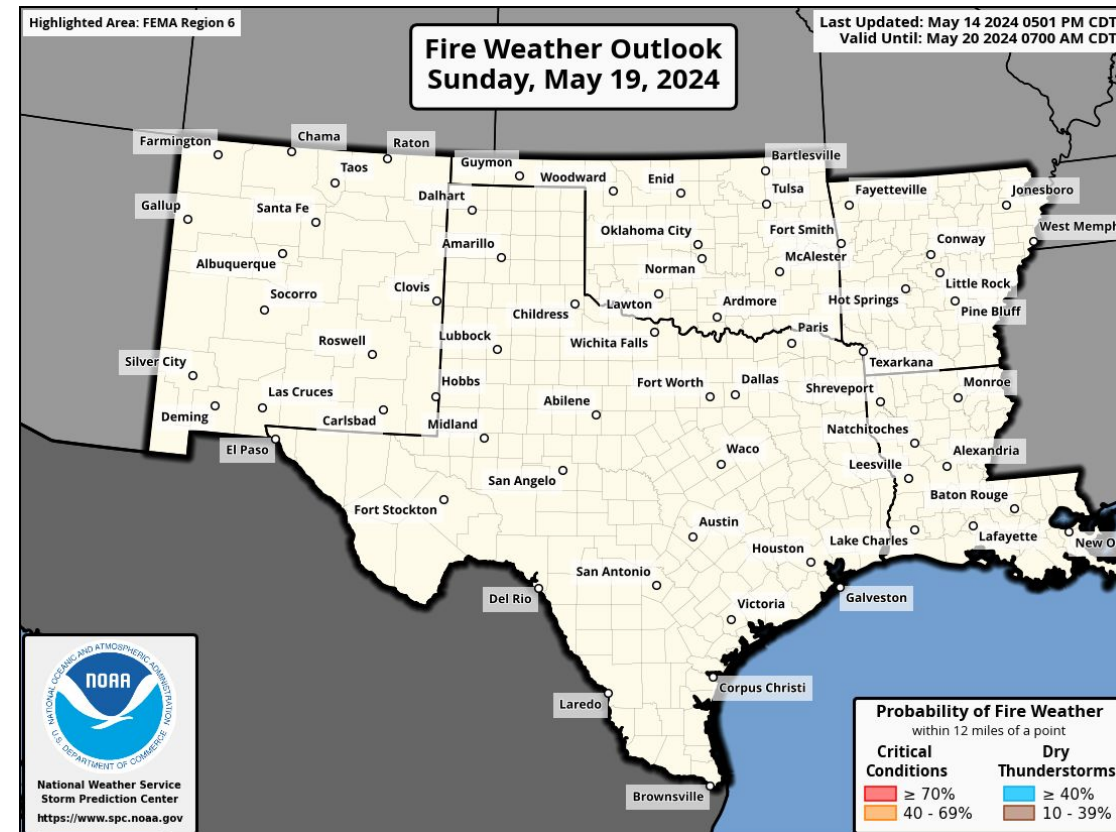
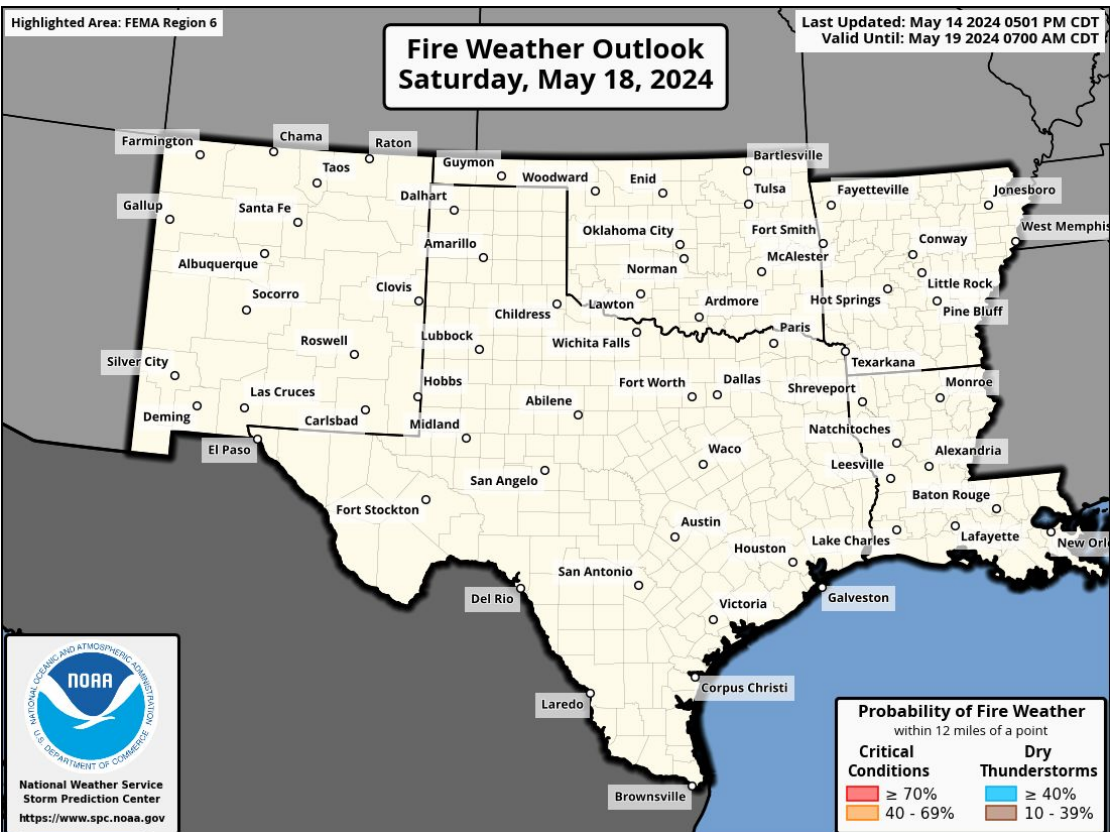
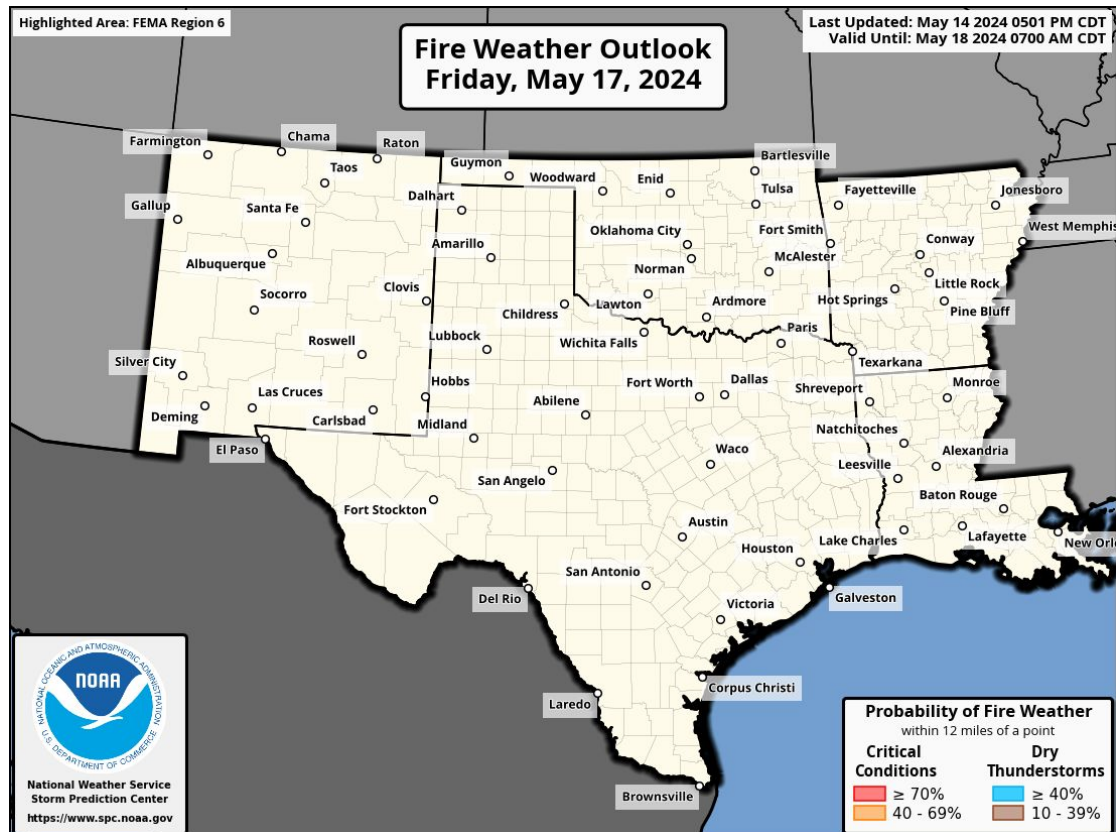
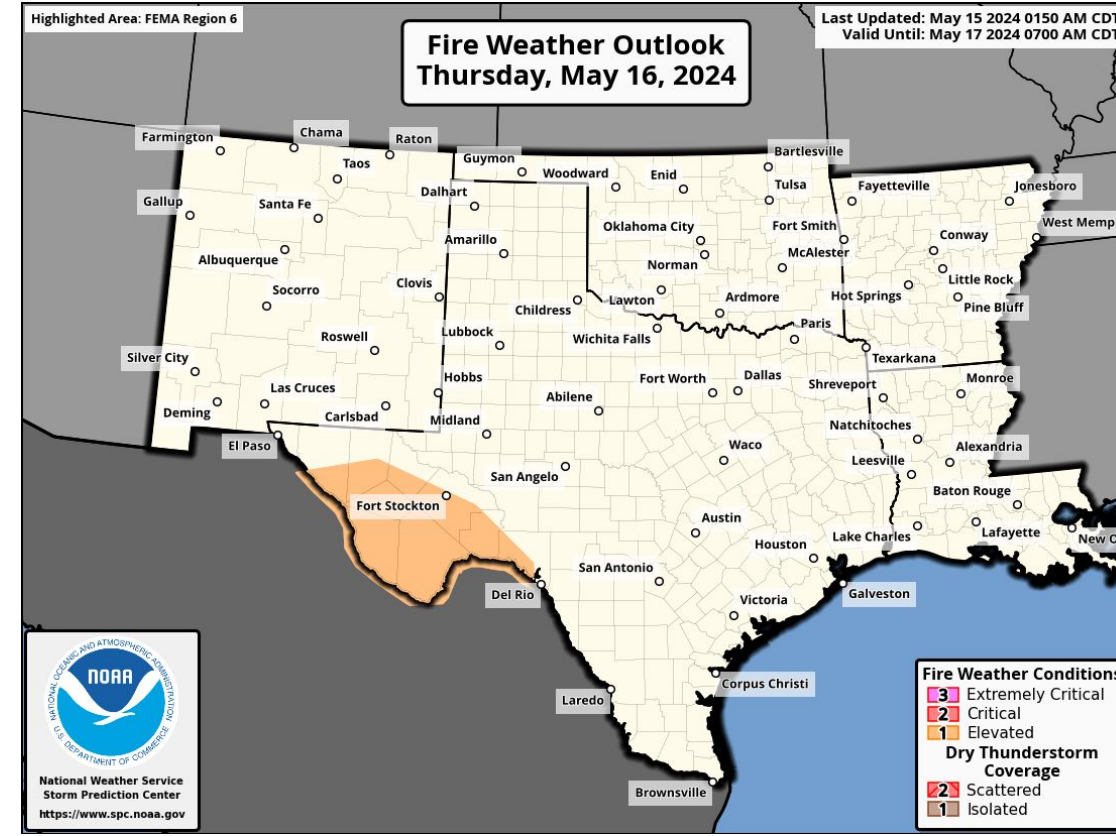
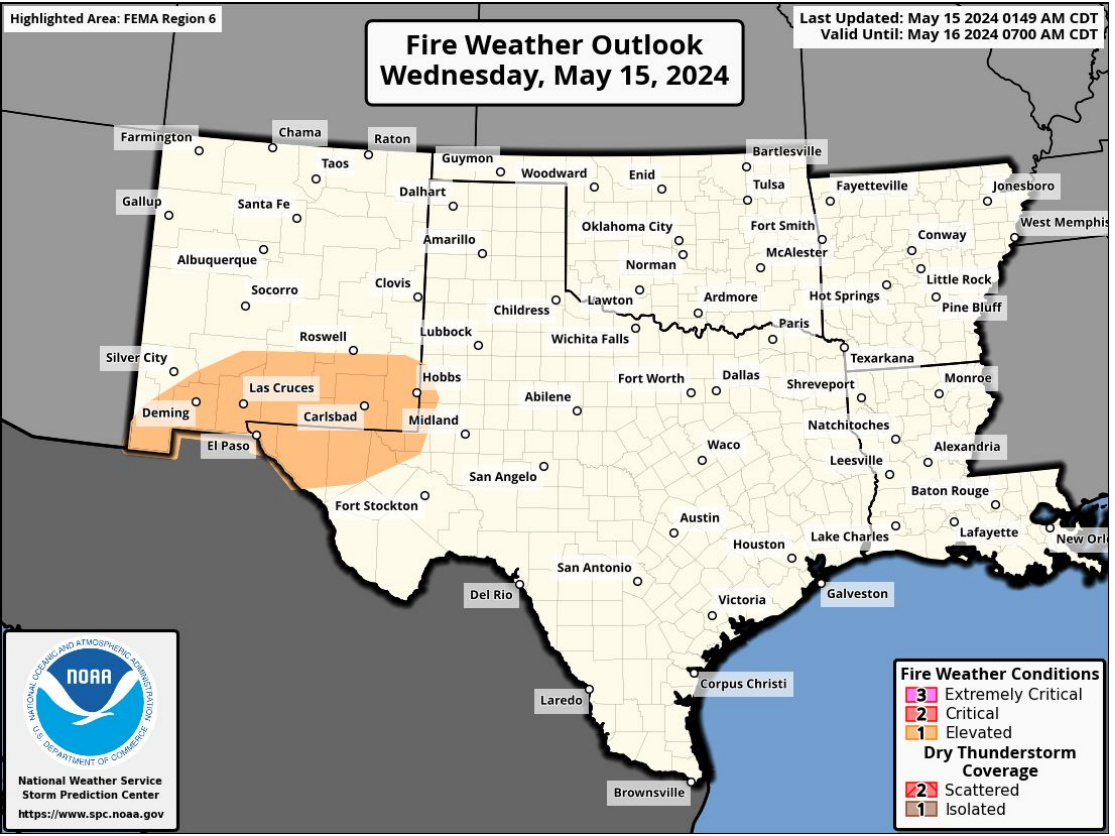
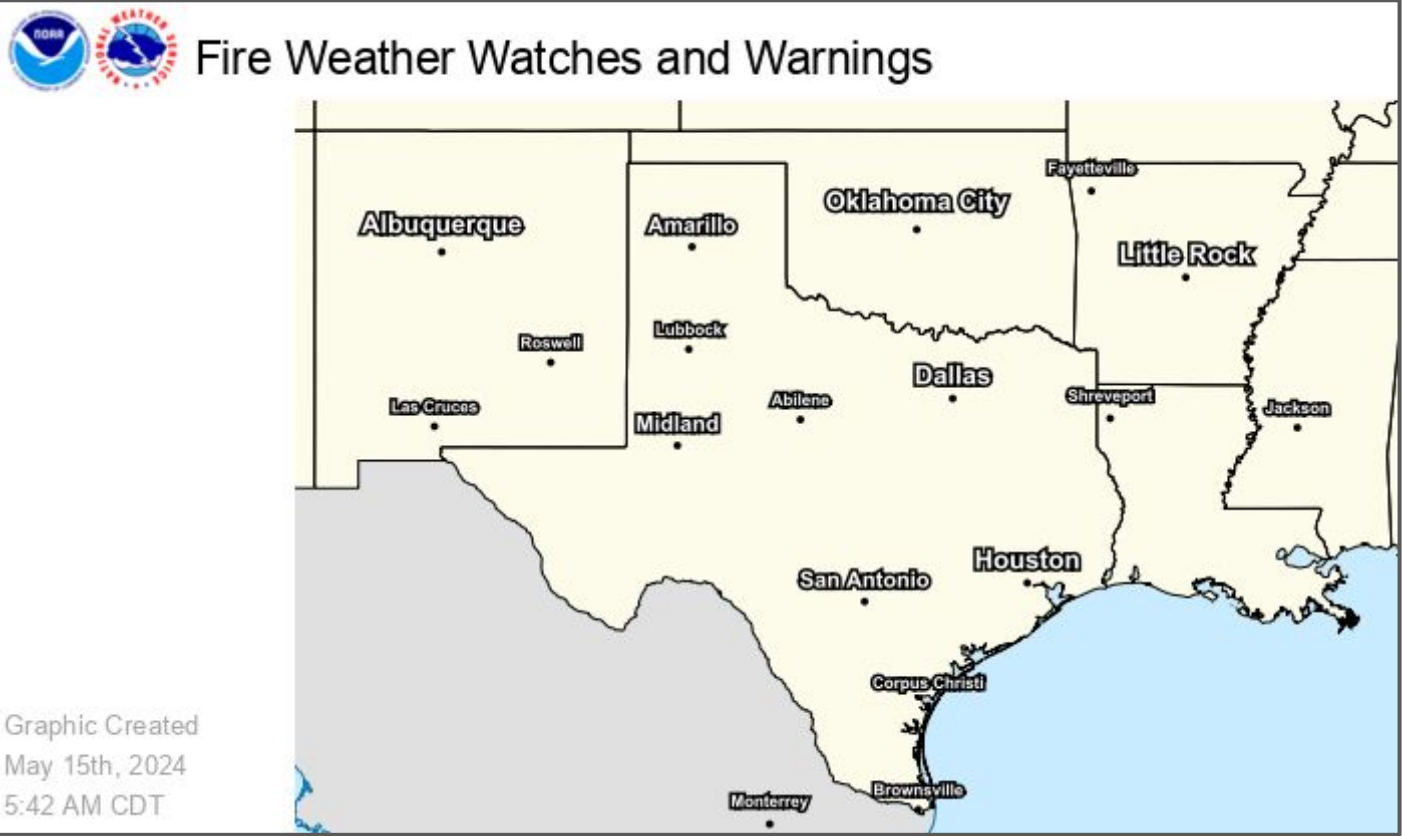
Today's Tornado & Severe Wind / Hail Probabilities

May 15, 2024



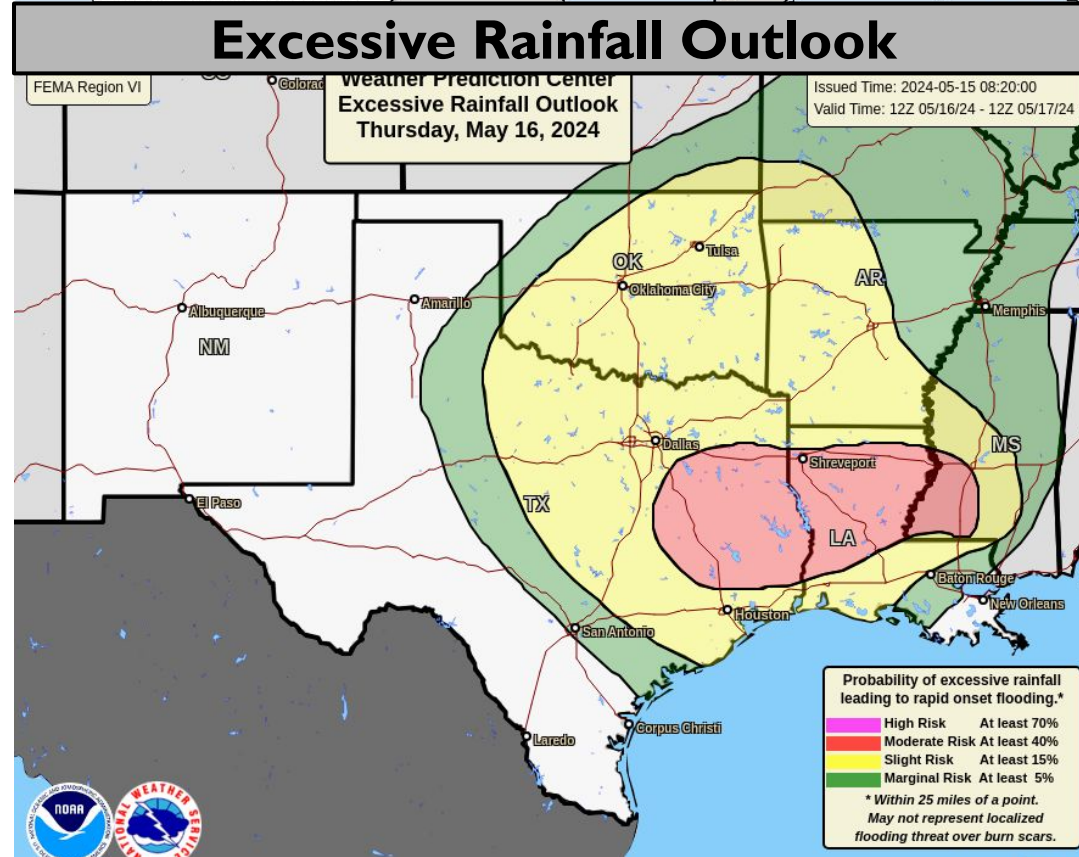
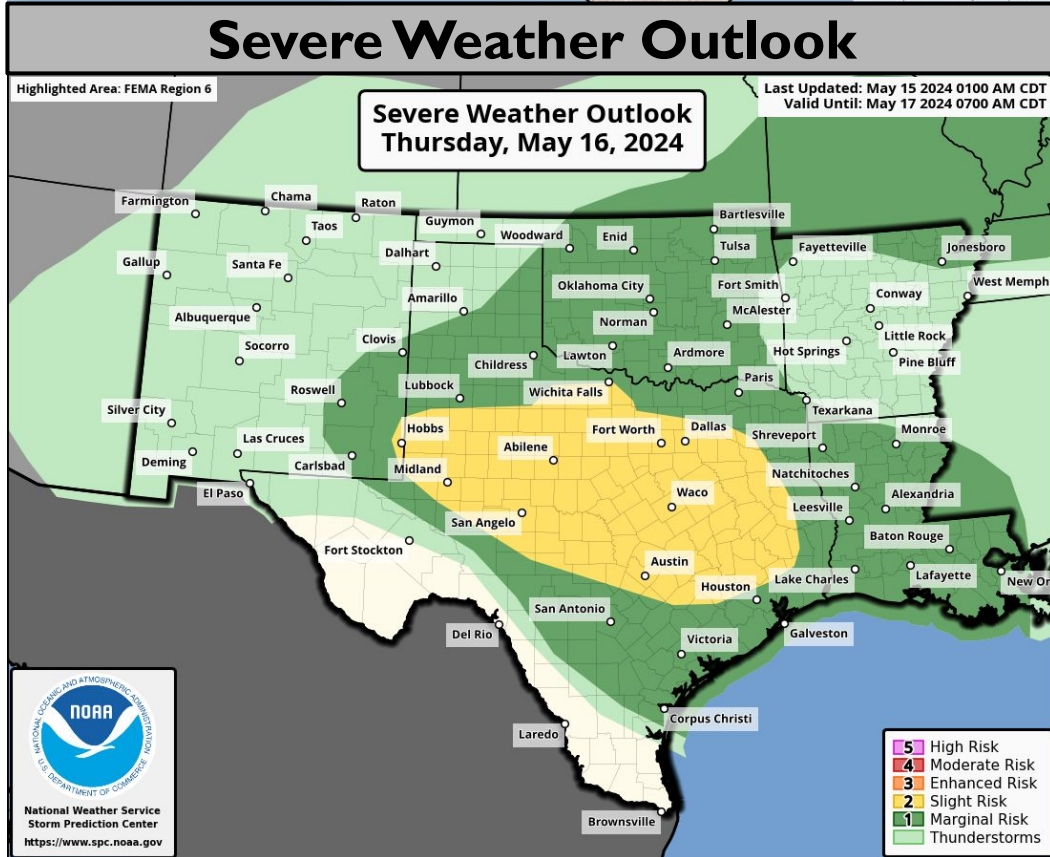
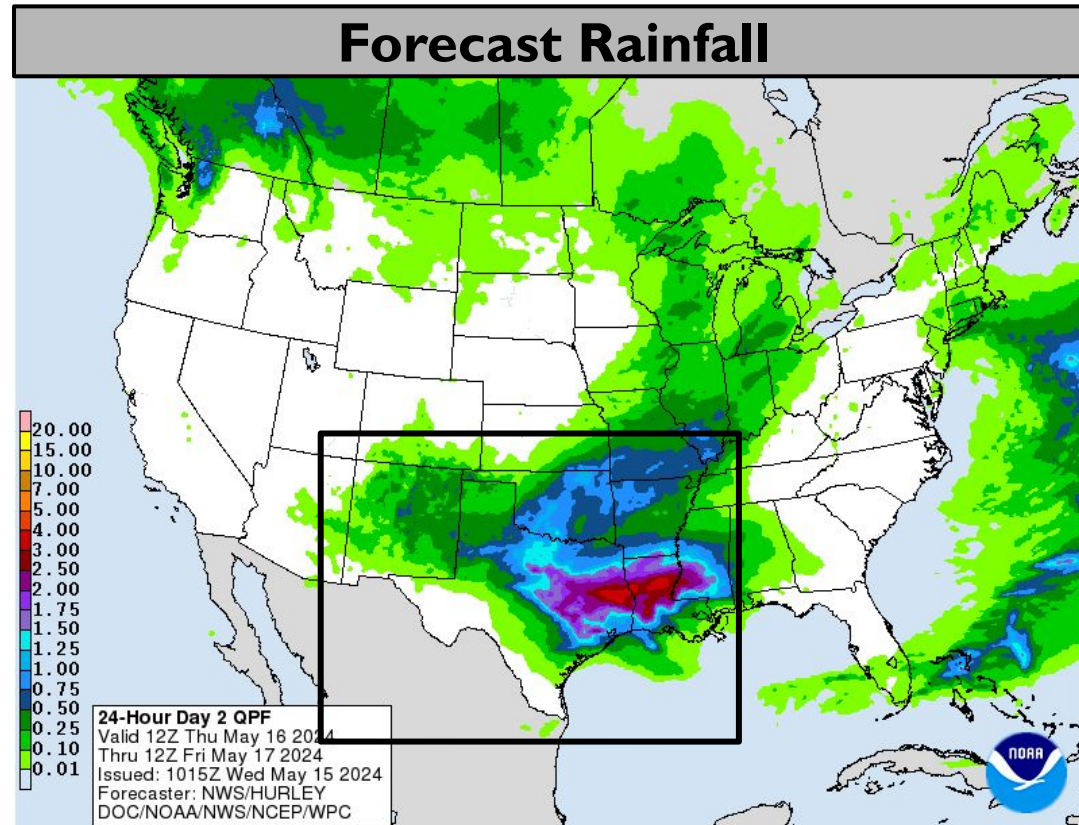
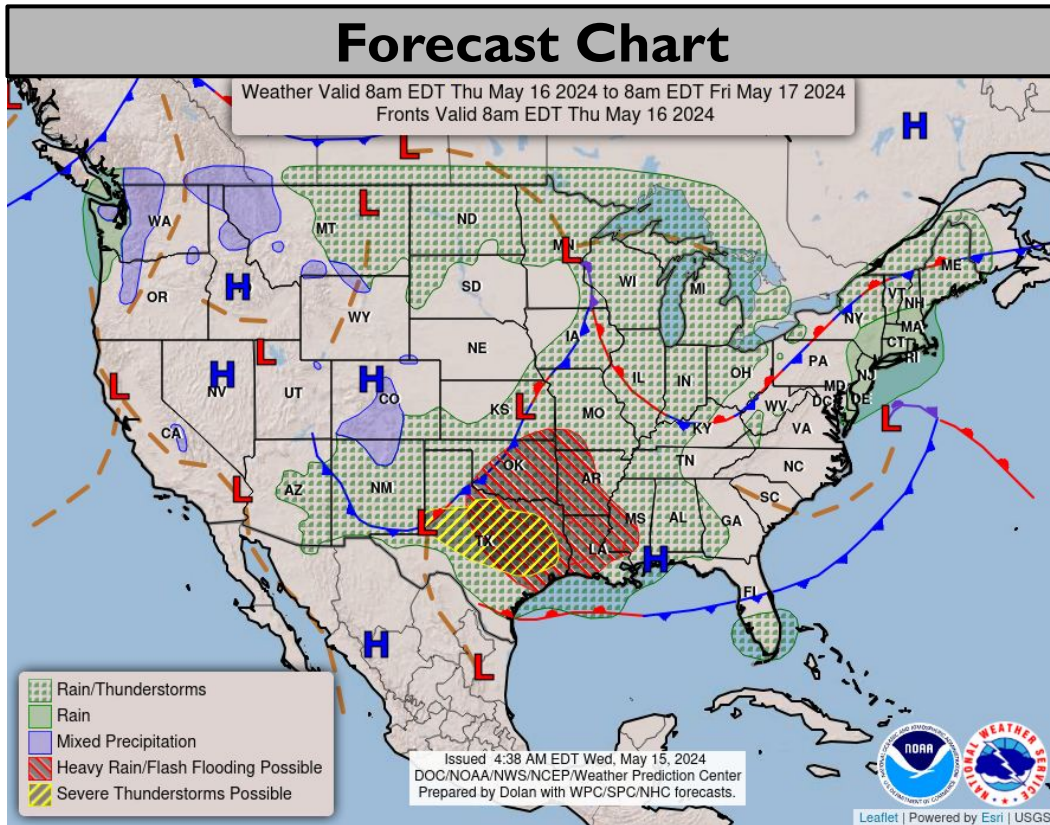


Fire Weather Outlooks





Tomorrow's Weather



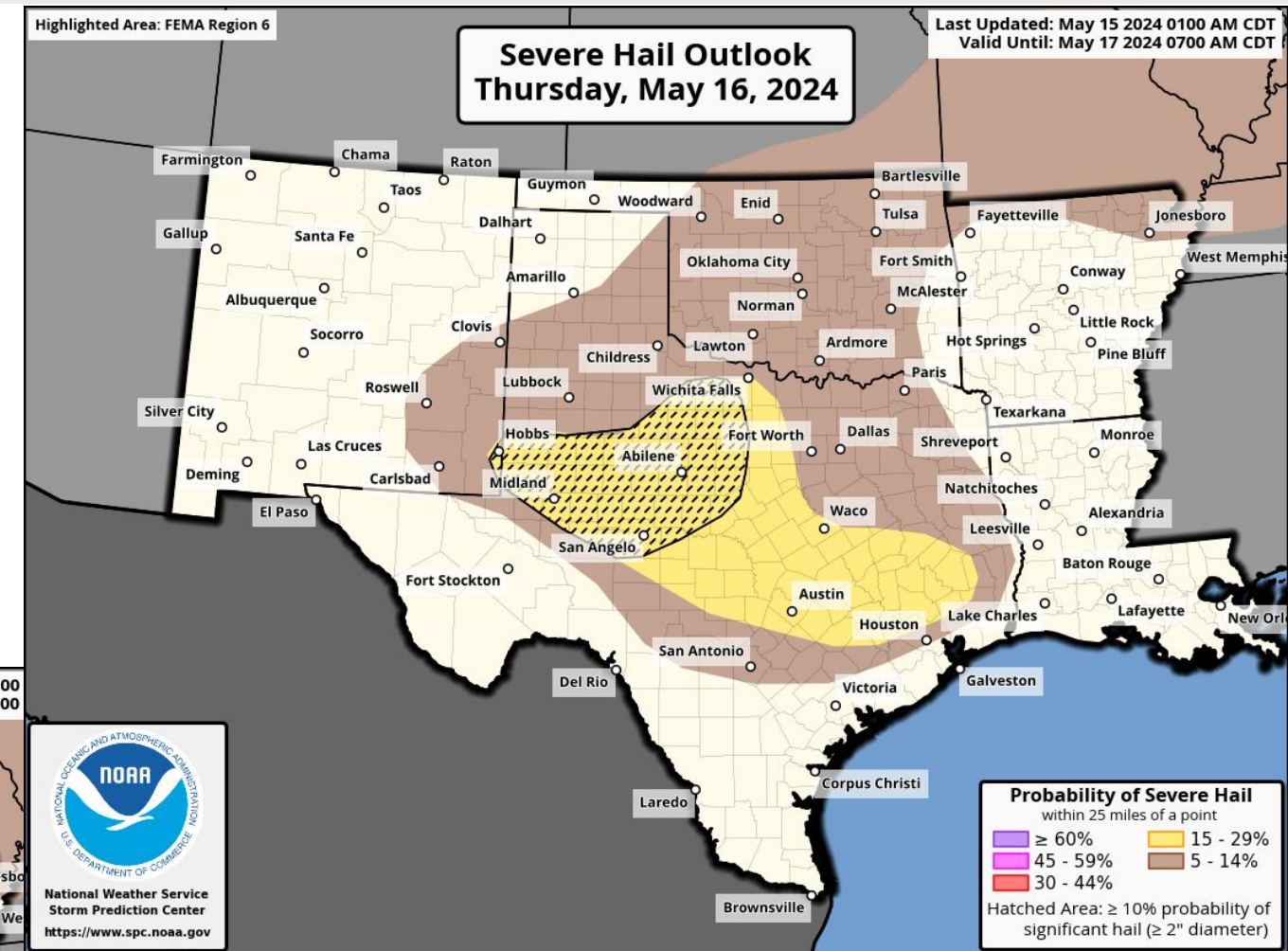
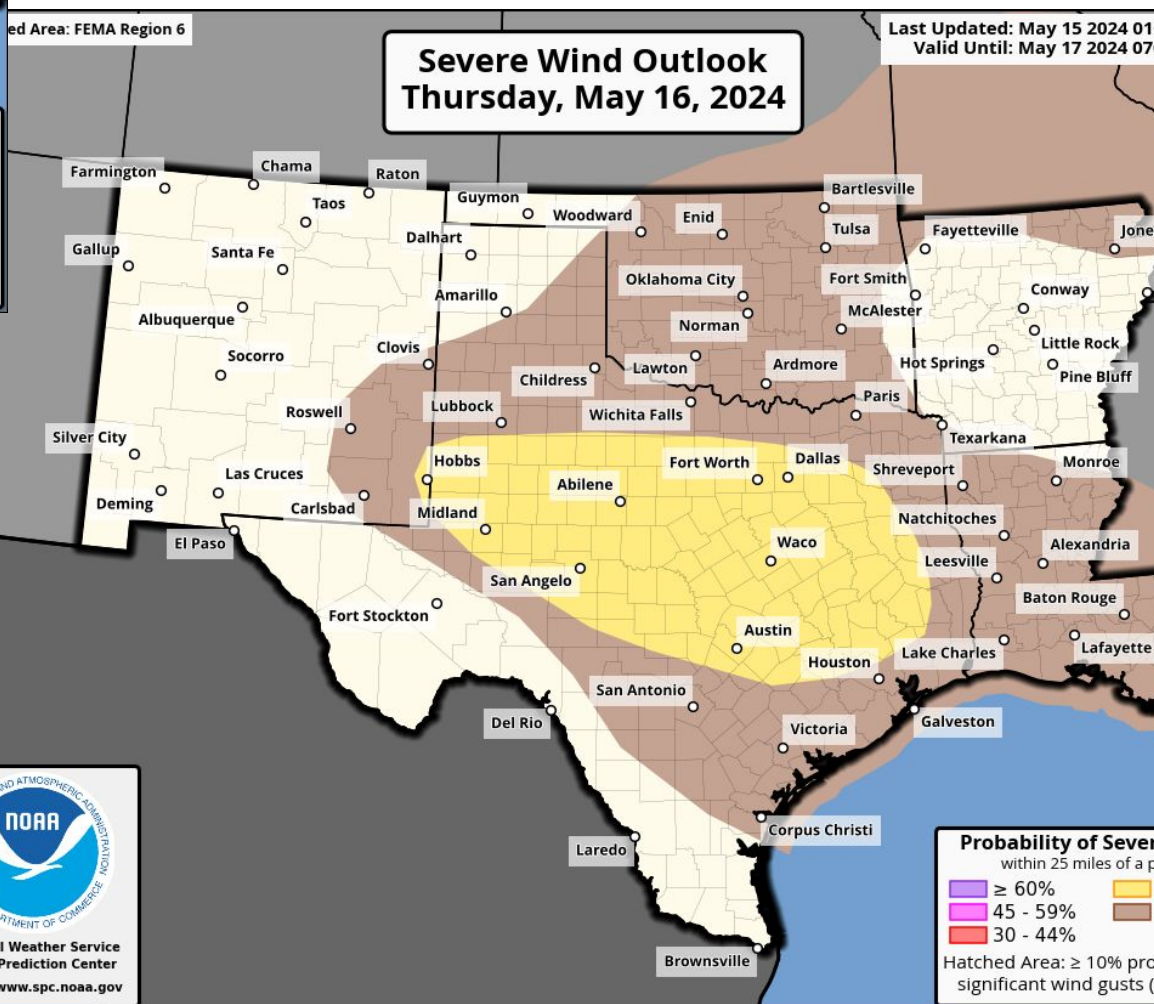
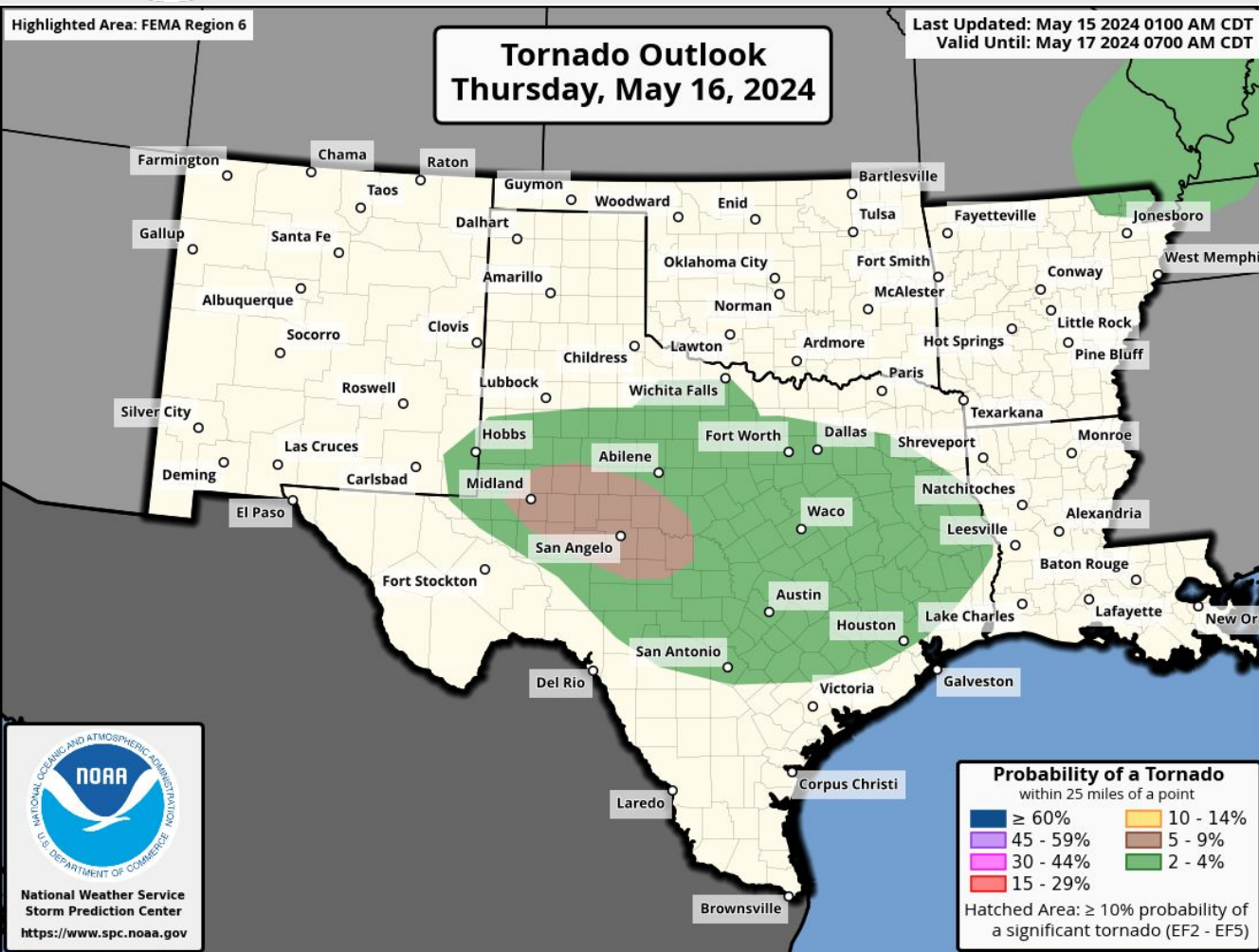
Moderate risk for heavy rainfall/flash flooding over E/SE TX and LA

Slight risk of heavy rain/flash flooding for N/Ctrl TX, S OK, and SAR.

Slight risk of severe storms across NW/N/Ctrl TX, far SE NM.



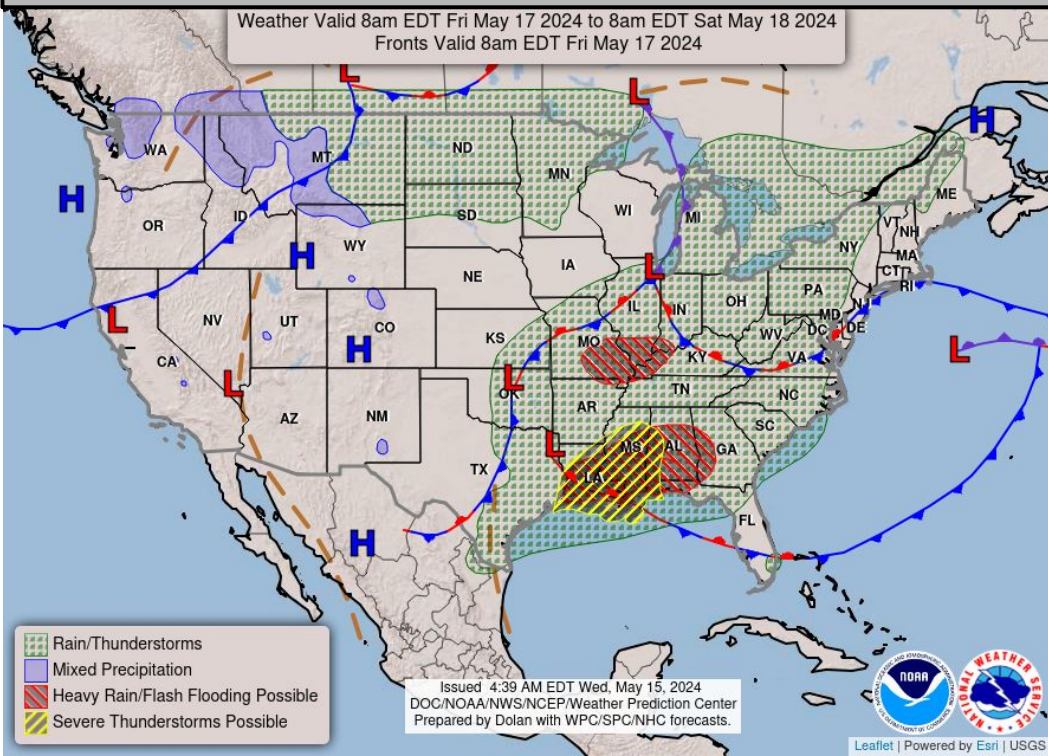
Tomorrow's Tornado & Severe Wind / Hail Probabilities



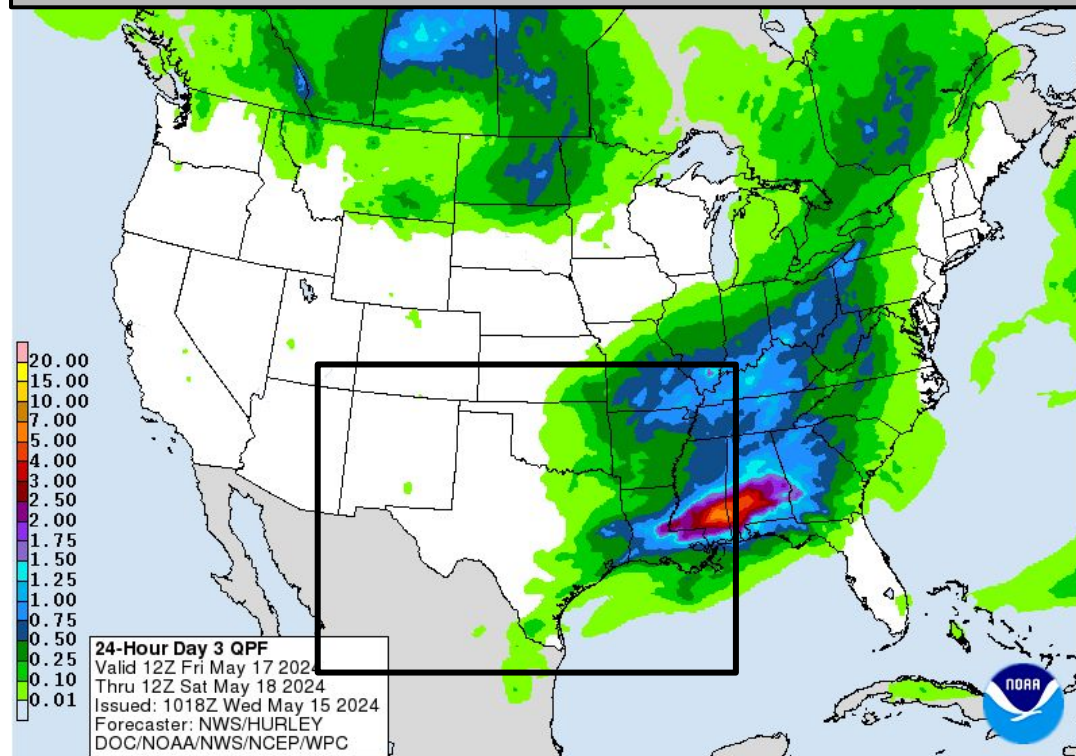


Friday's Weather

Forecast Chart



Forecast Rainfall

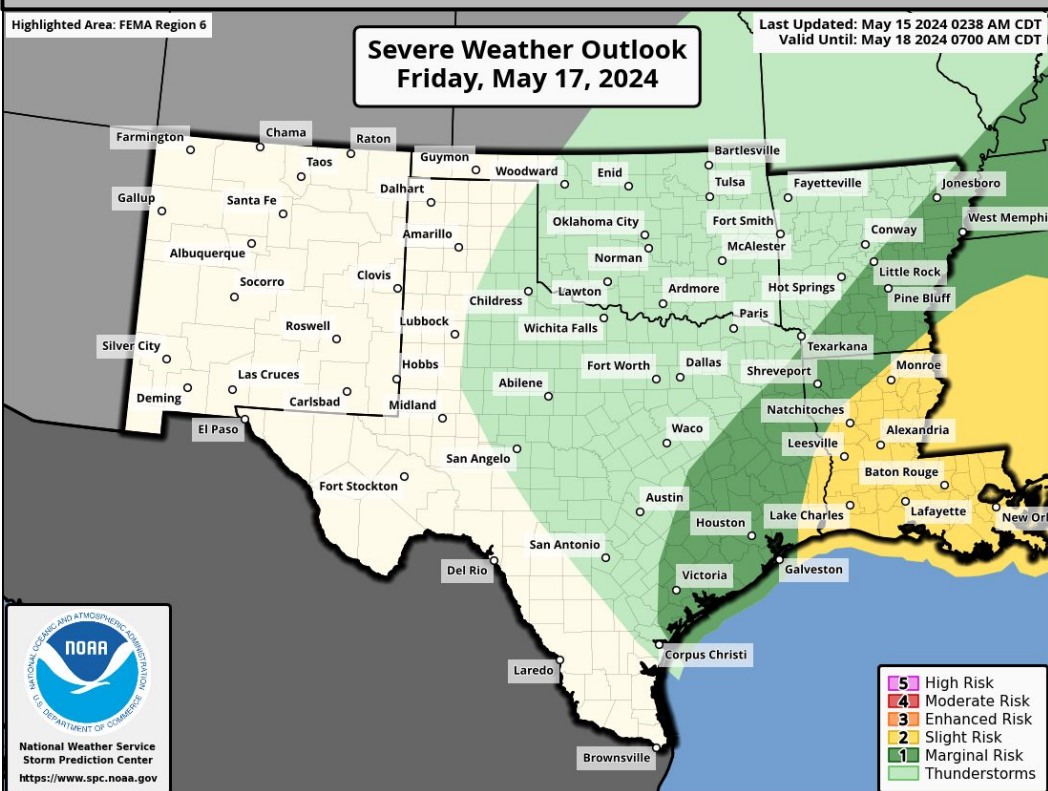


Slight risk of severe storms for LA & far SE TX.

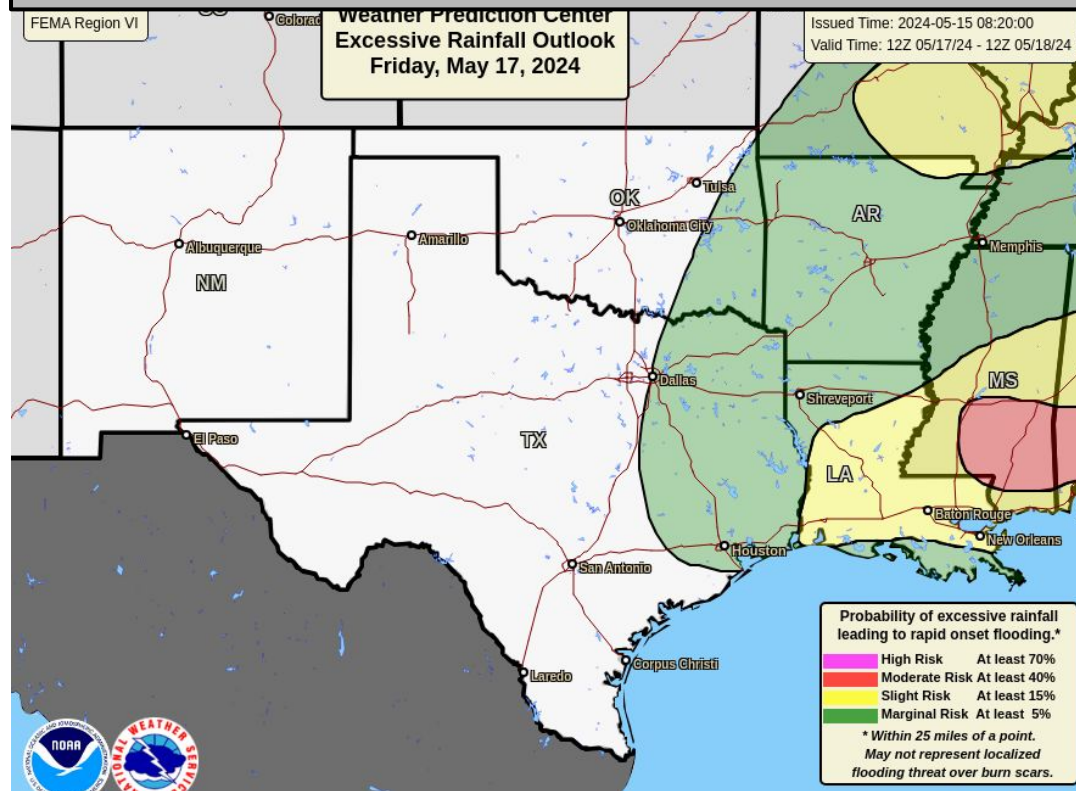
Slight risk of heavy rain/flash flooding for far NE AR and LA.

Marginal risk of isolated heavy rain/flash flooding for E/SE TX, E OK, AR.

Severe Weather Outlook



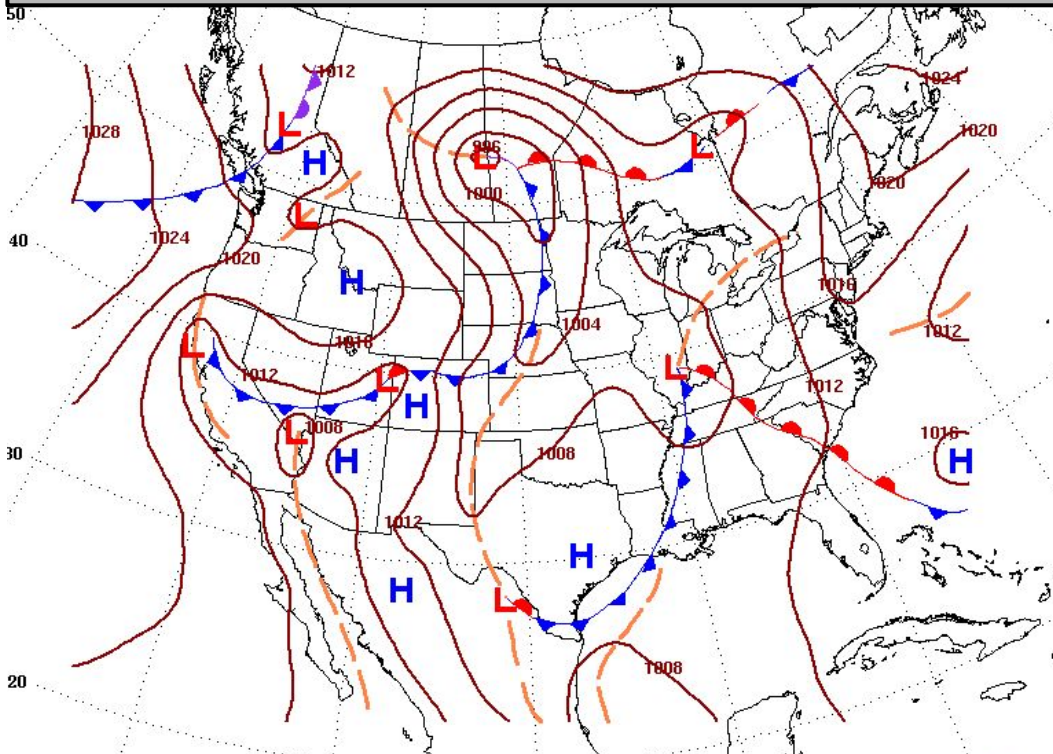
Excessive Rainfall Outlook



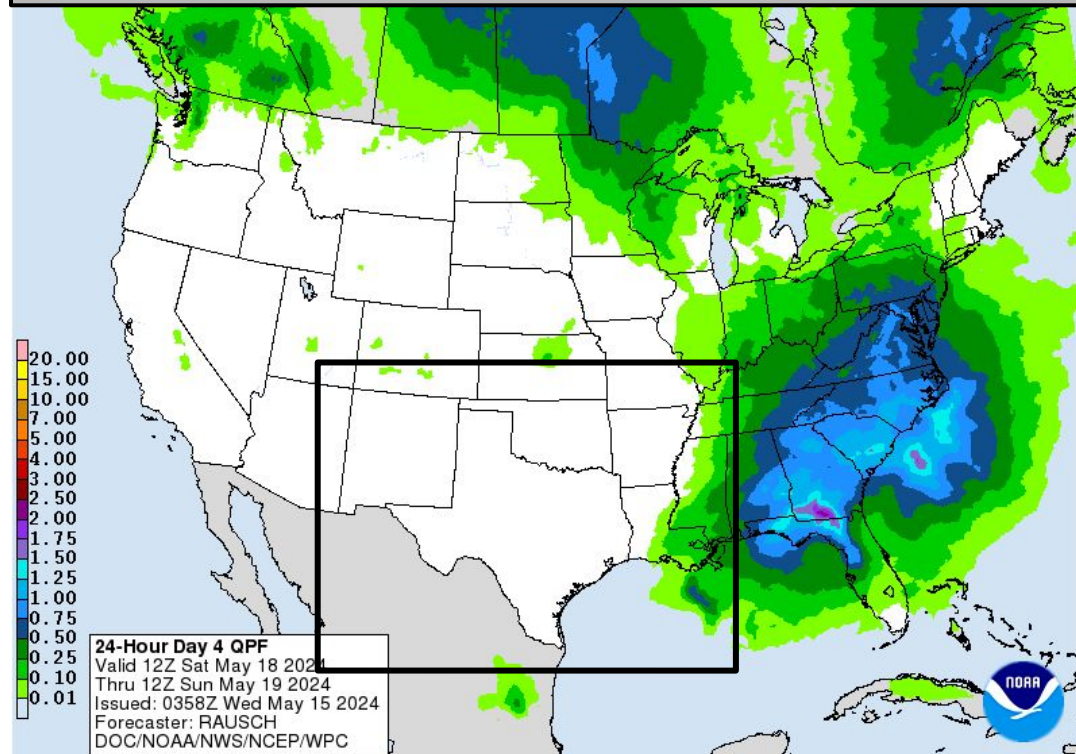


Saturday's Weather

Forecast Chart

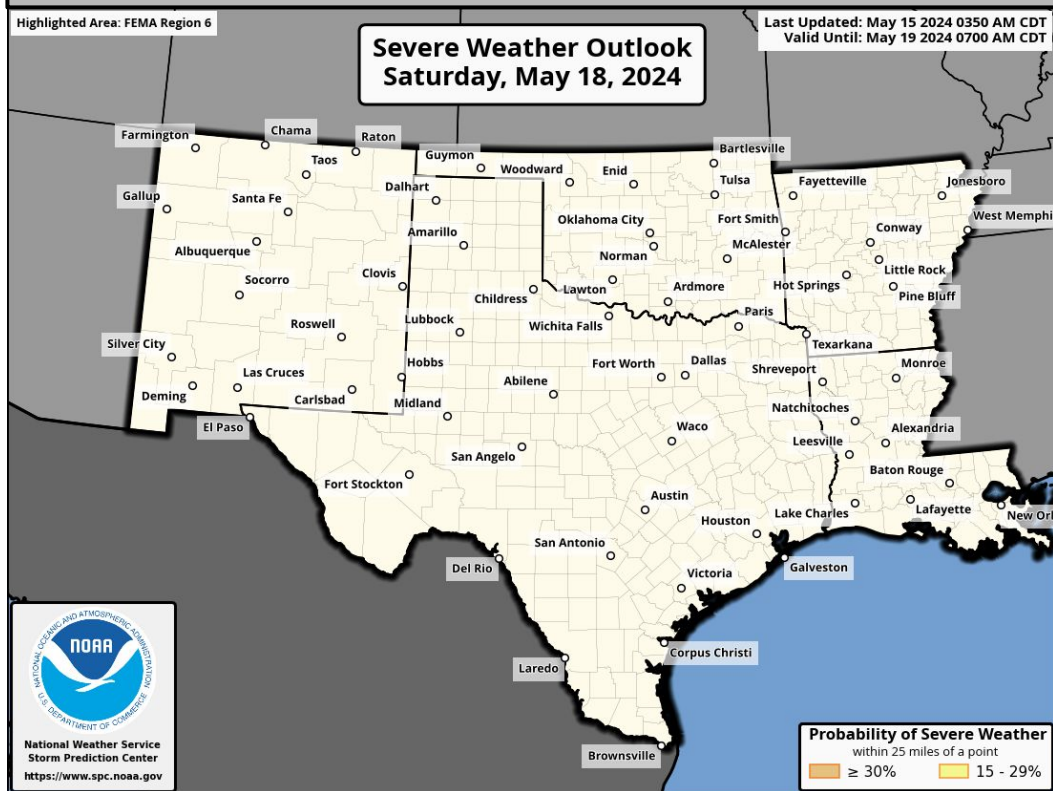


Forecast Rainfall

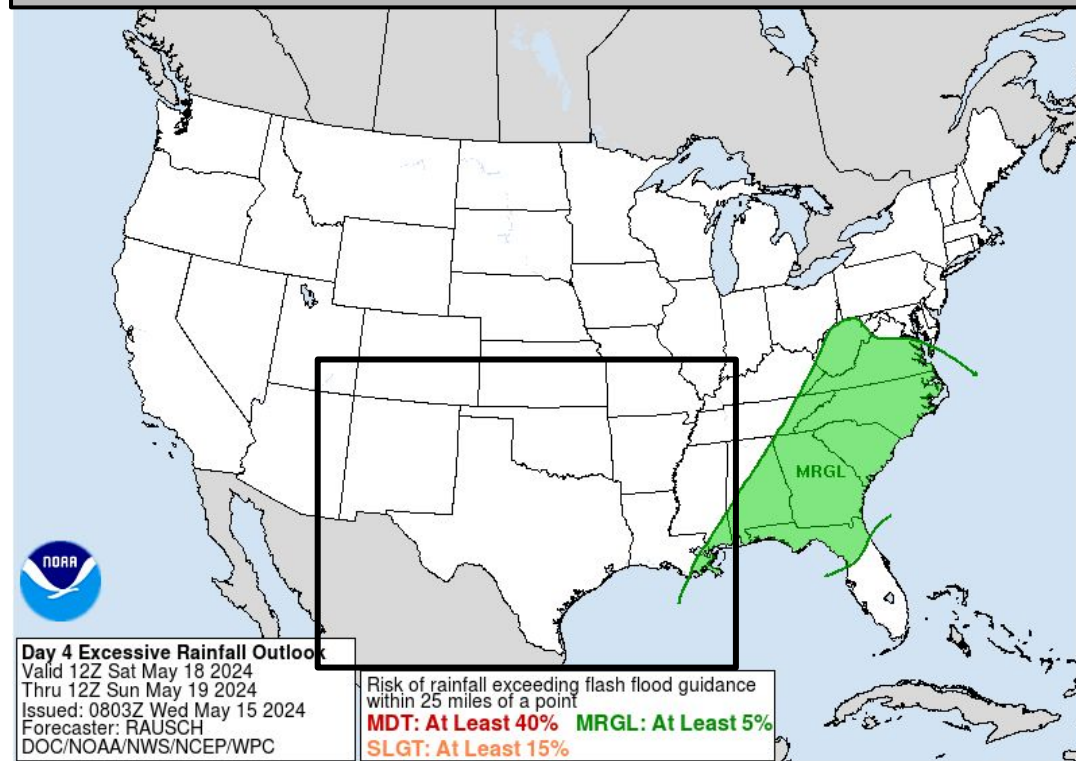


Marginal risk of isolated heavy rainfall/flash flooding far SE LA

Severe Weather Outlook



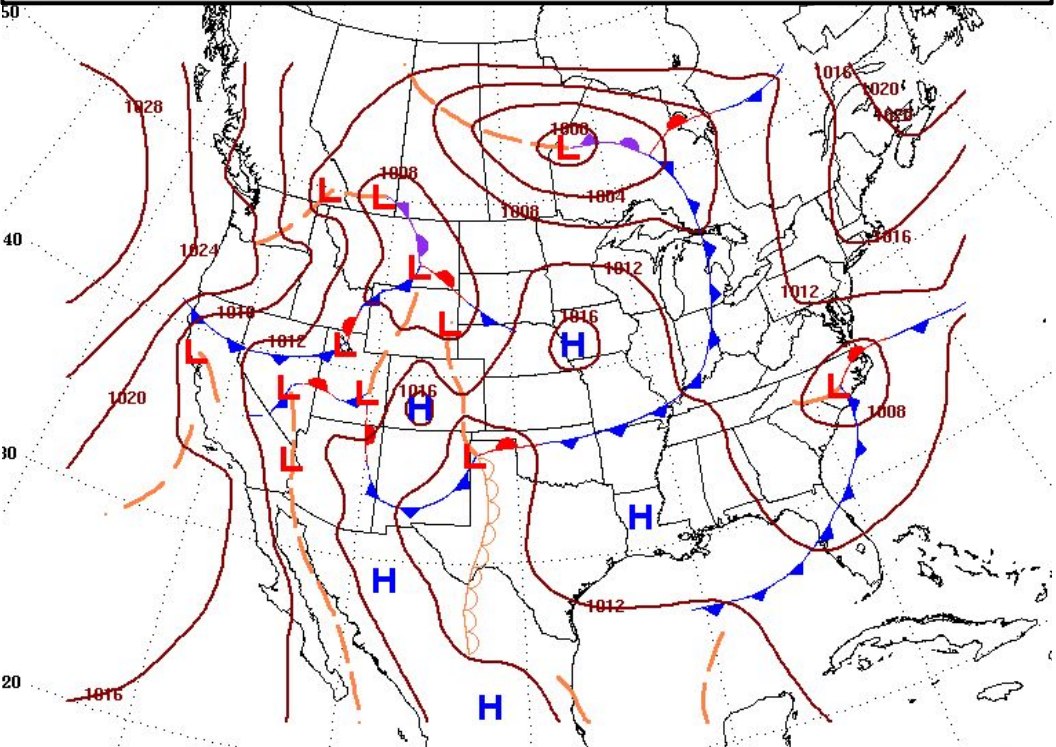
Excessive Rainfall Outlook



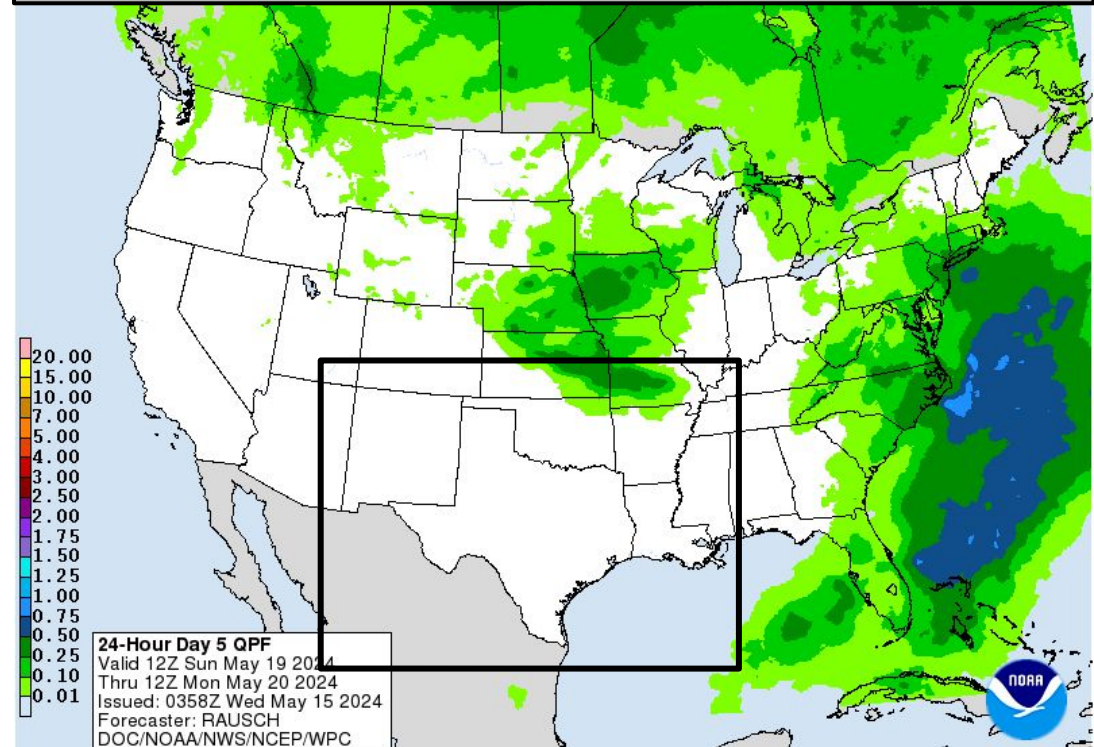


Sunday's Weather

Forecast Chart

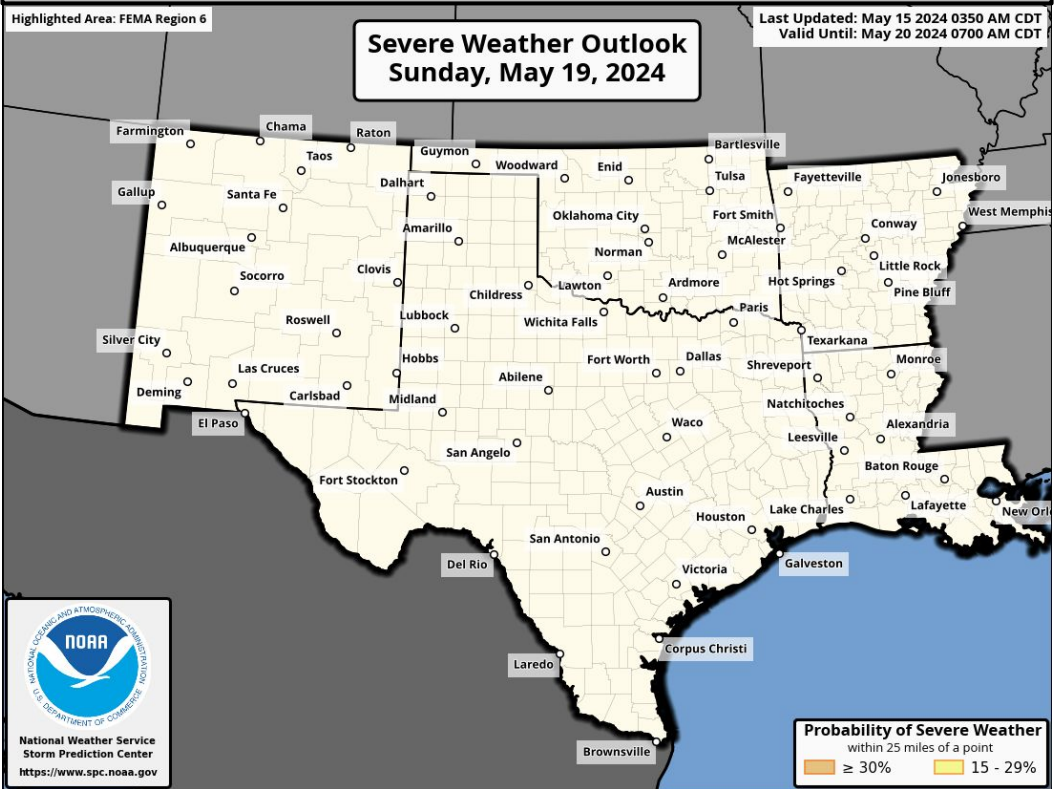


Forecast Rainfall

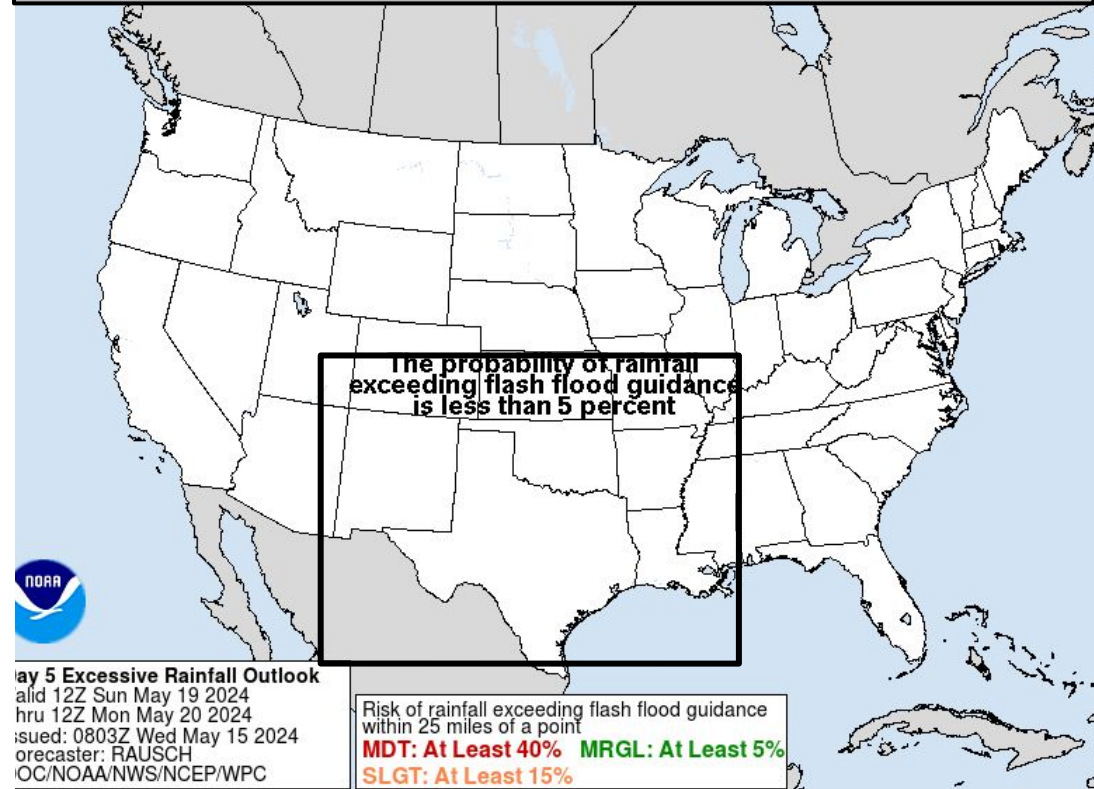


No significant weather expected.

Severe Weather Outlook

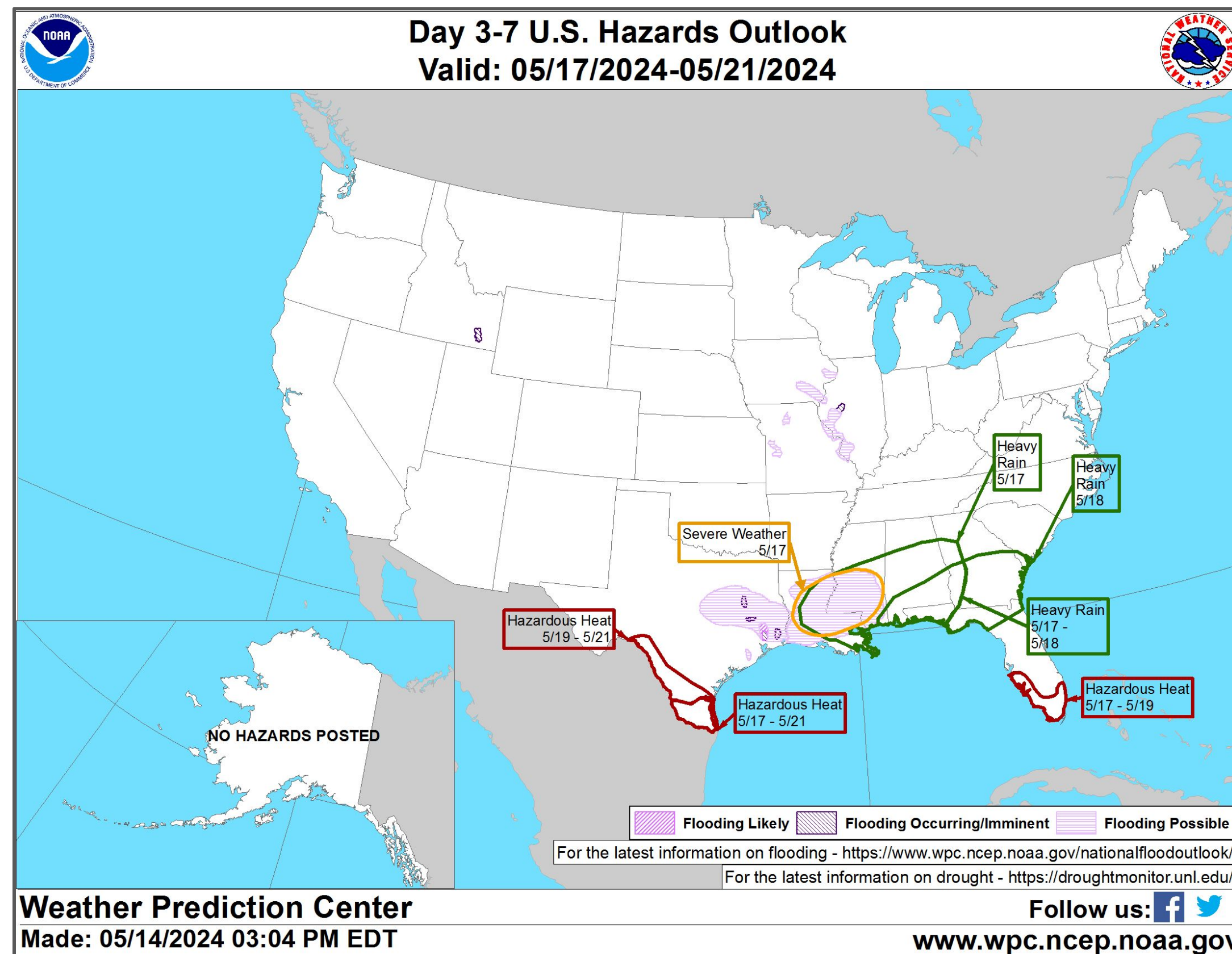


Excessive Rainfall Outlook





“Day 3-7” Hazards Outlook



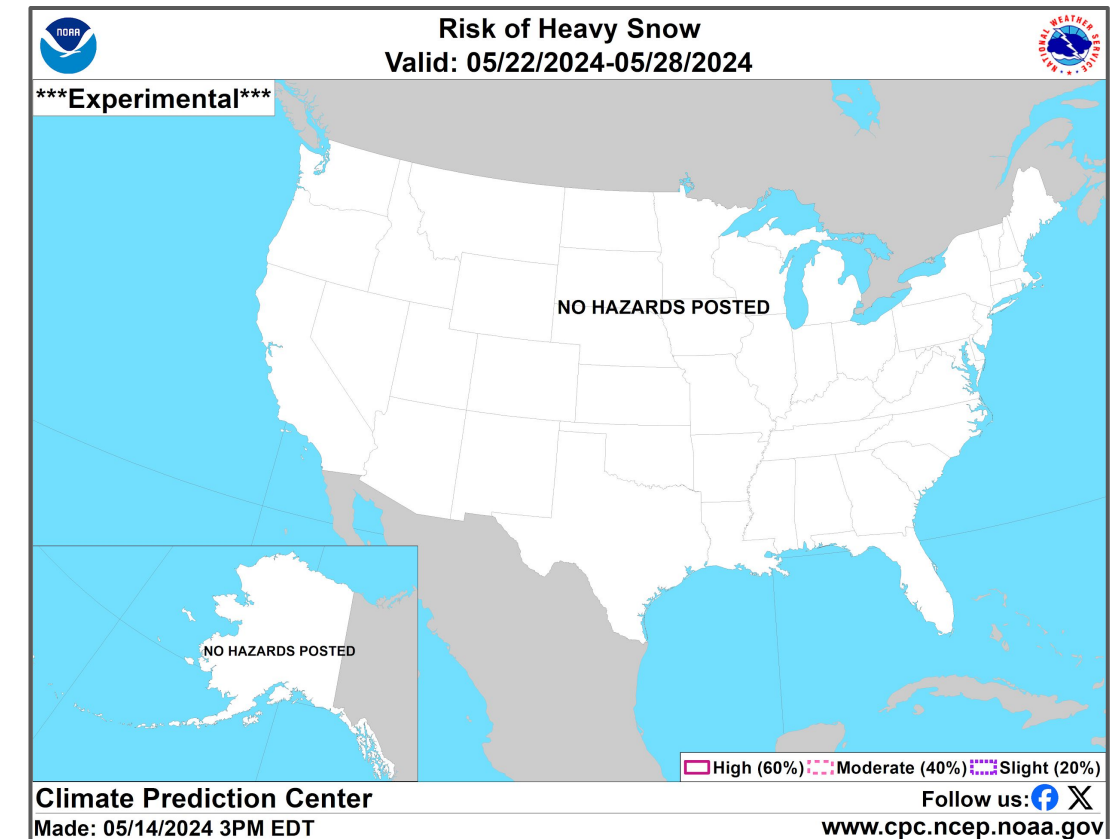
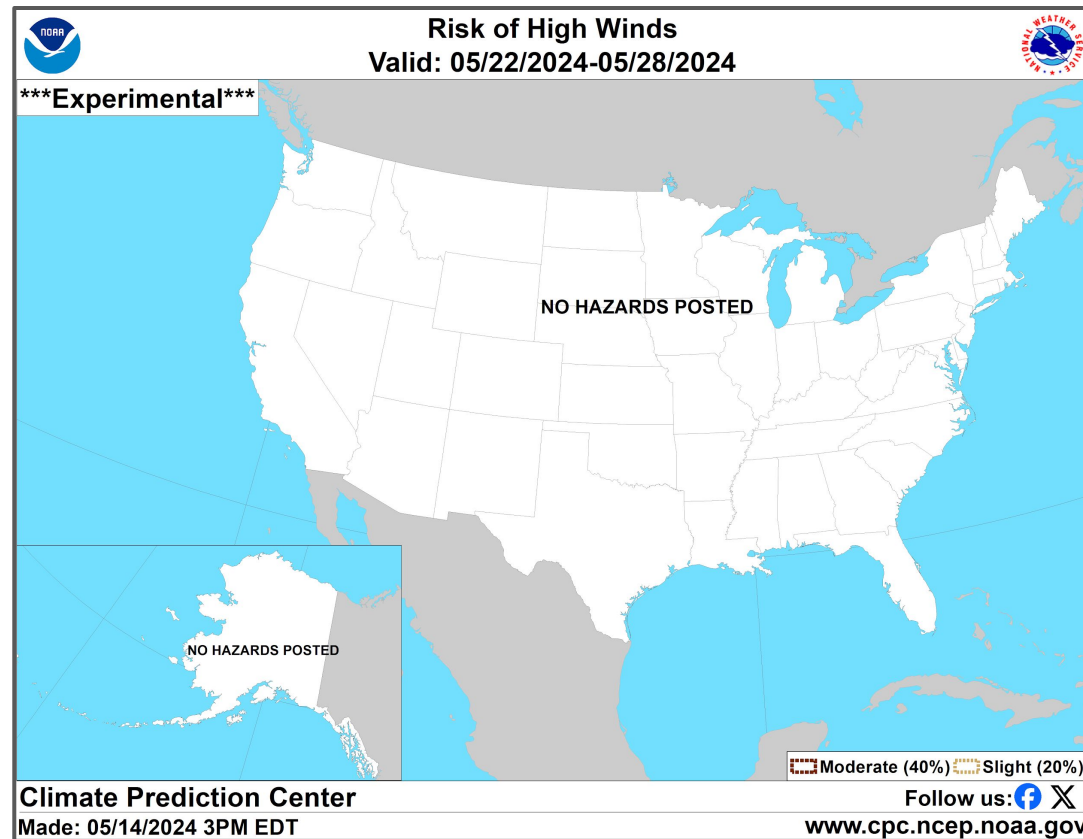
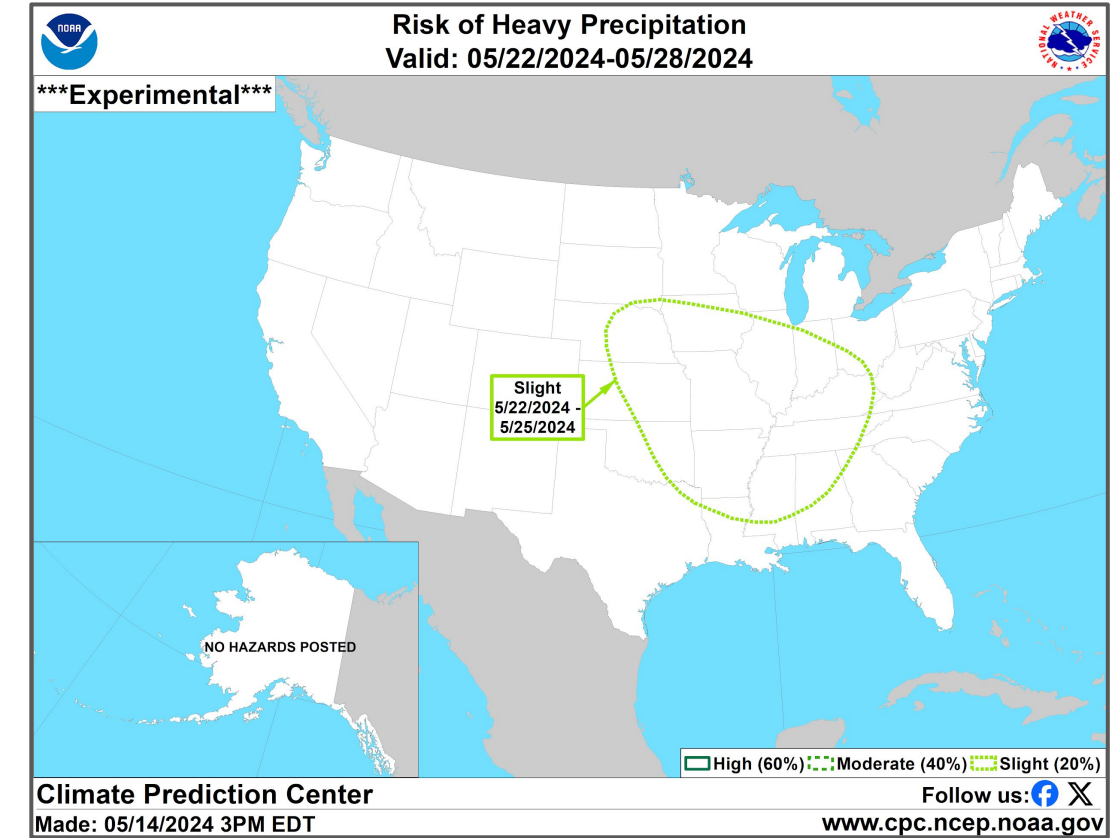
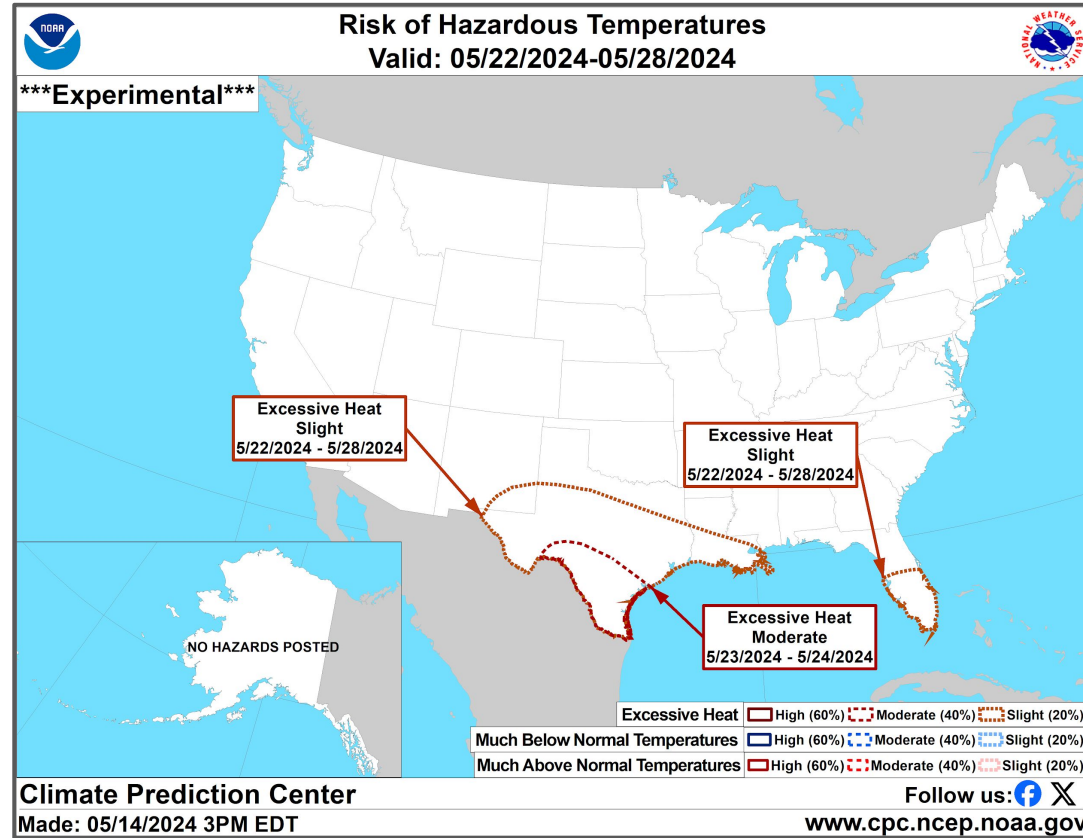
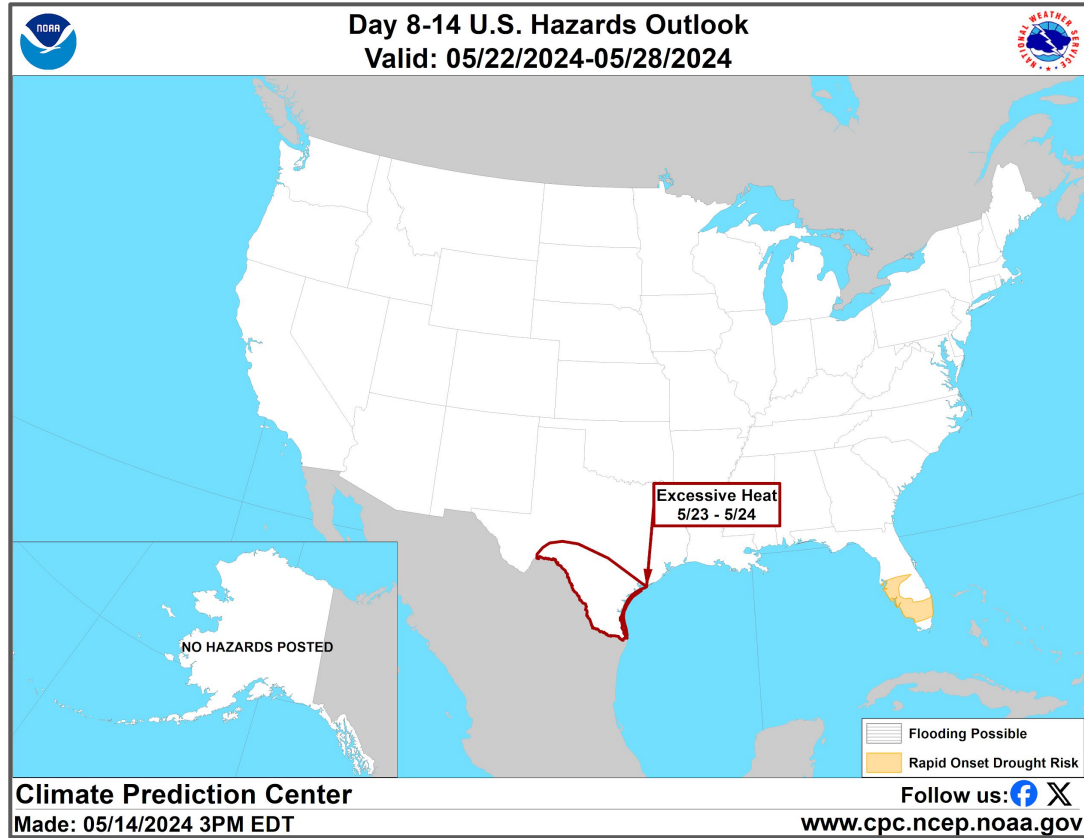
NOTE: These outlooks are issued in the afternoon and only issued on weekdays. Because of that and the fact that these slides are issued in the mornings:

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:

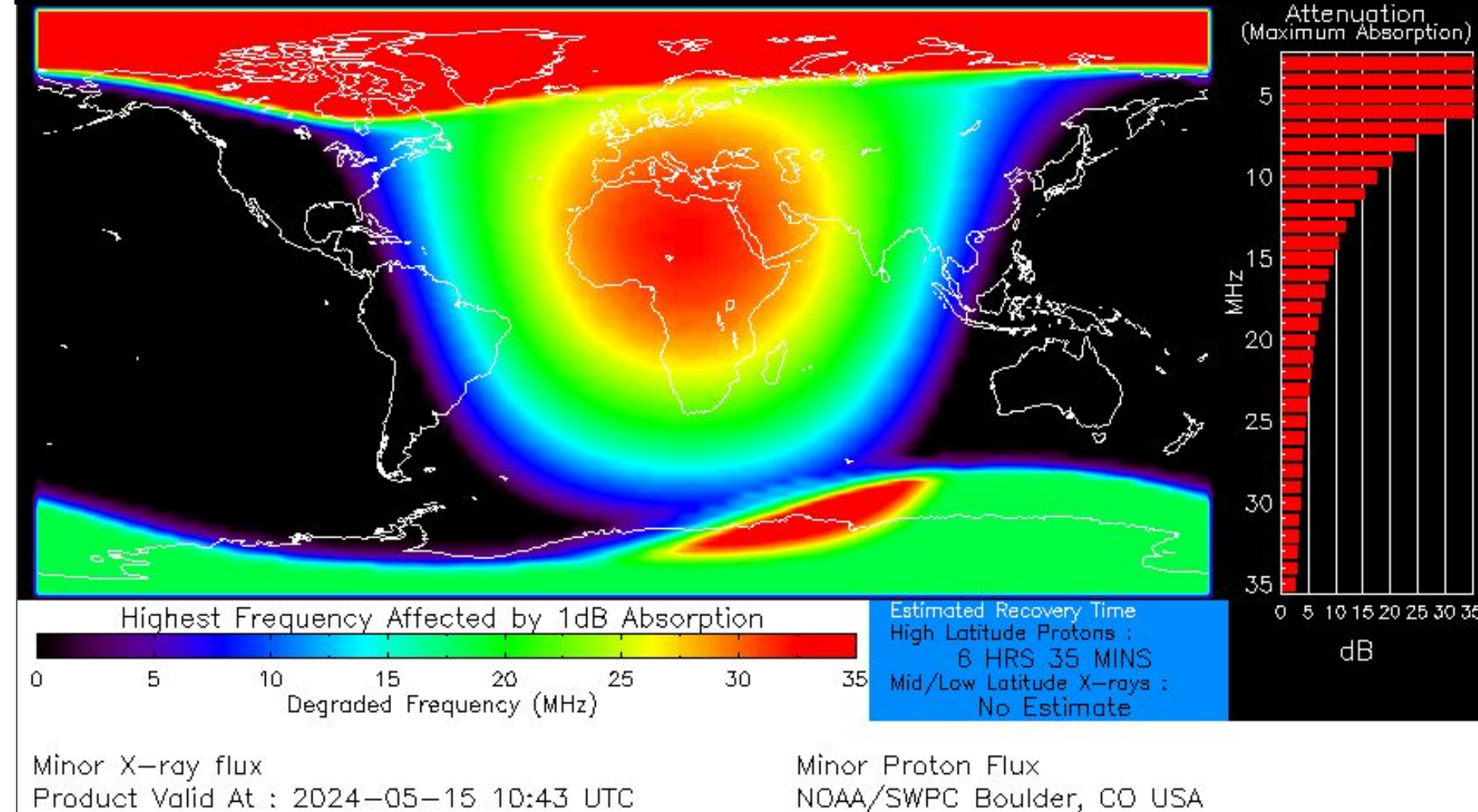
1. The “day 8-14” will really be days 7-13
2. This slide will be hidden on Mondays and Sundays so the data/information is not too old

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



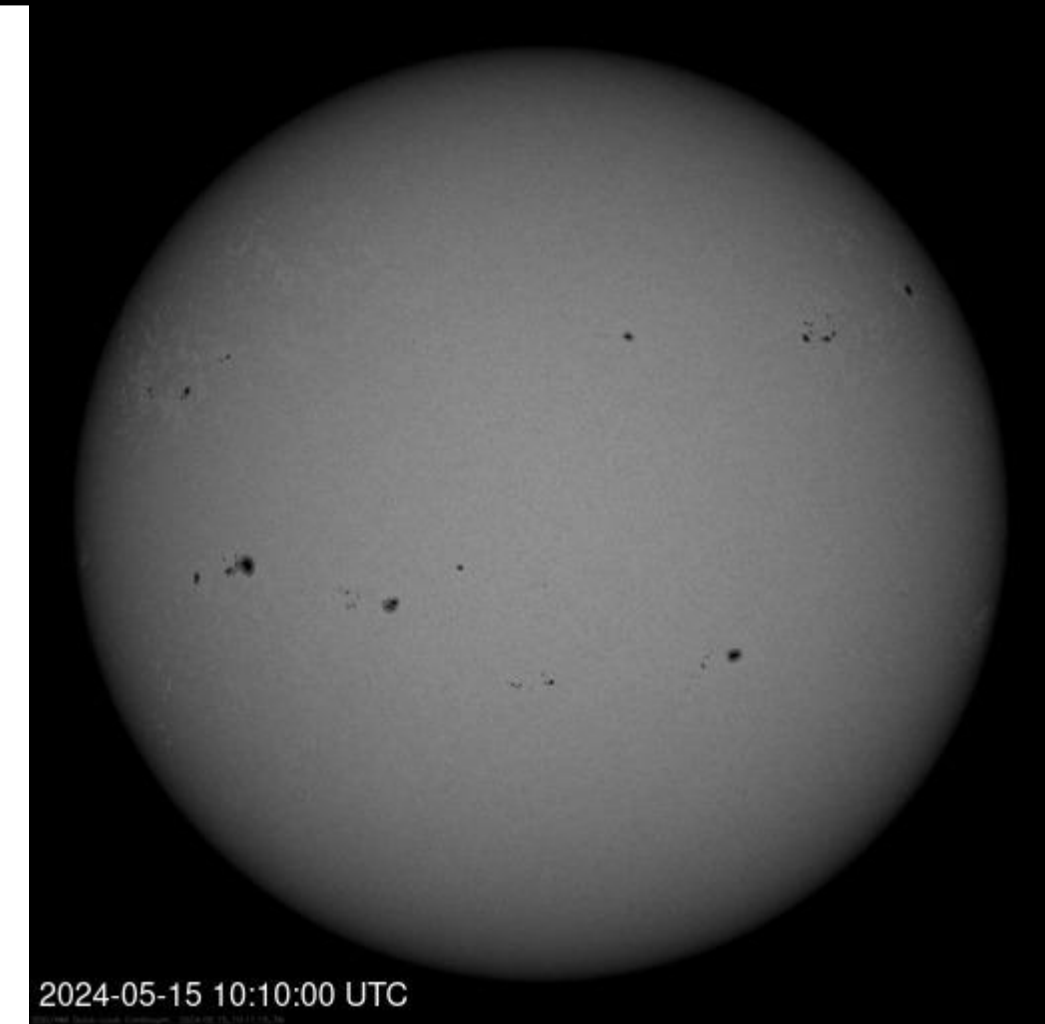
Space Weather 3-Day Forecast

	Wednesday, May 15	Thursday, May 16	Friday, May 17
Geomagnetic Storms	Unsettled (Max Kp = 3)	Unsettled (Max Kp = 3)	Unsettled (Max Kp = 4)
Solar Radiation Storm (S1-S5)	99%	25%	15%
Radio Blackout (R1-R2)	75%	40%	35%
Radio Blackout (R3-R5)	40%	15%	10%



[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



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



Twitter: NWSSouthern



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