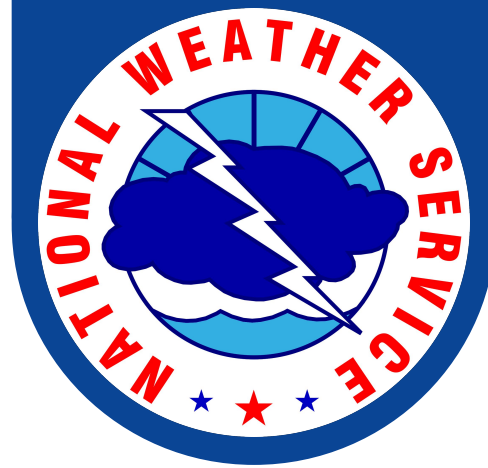




FEMA



Prepared by
Kurt Van Speybroeck

FEMA Region 6 Weather Threat Briefing

Monday, May 06, 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

- **Moderate to Enhanced risk of severe thunderstorms (very large hail, strong tornadoes, wind damage) across OK this afternoon into the overnight hours.**
- **Slight to enhanced risk of severe thunderstorms across E TX, E OK, AR and N LA on Wednesday.**
- **Above average heat across SE TX by mid-week.**
- **Moderate to major river flooding continues across SE TX this week.**



FEMA Region 6 Threat Matrix

Next 5 Days

	Monday, May 6	Tuesday, May 7	Wednesday, May 8	Thursday, May 9	Friday, May 10
Severe Storms	OK		NETX, E OK, AR, N LA	TX	
Heavy Rain / Flash Flooding	NE OK		E AR	N LA	
Fire Weather	NM, Far W TX, TX/OK Panhandles	NM, Far W TX, TX/OK Panhandles	NM, Far W TX, TX/OK Panhandles		
Wind					
Heat	STX	SETX	SETX	SETX	
River Flooding	SETX	SETX	SETX	SETX	SETX

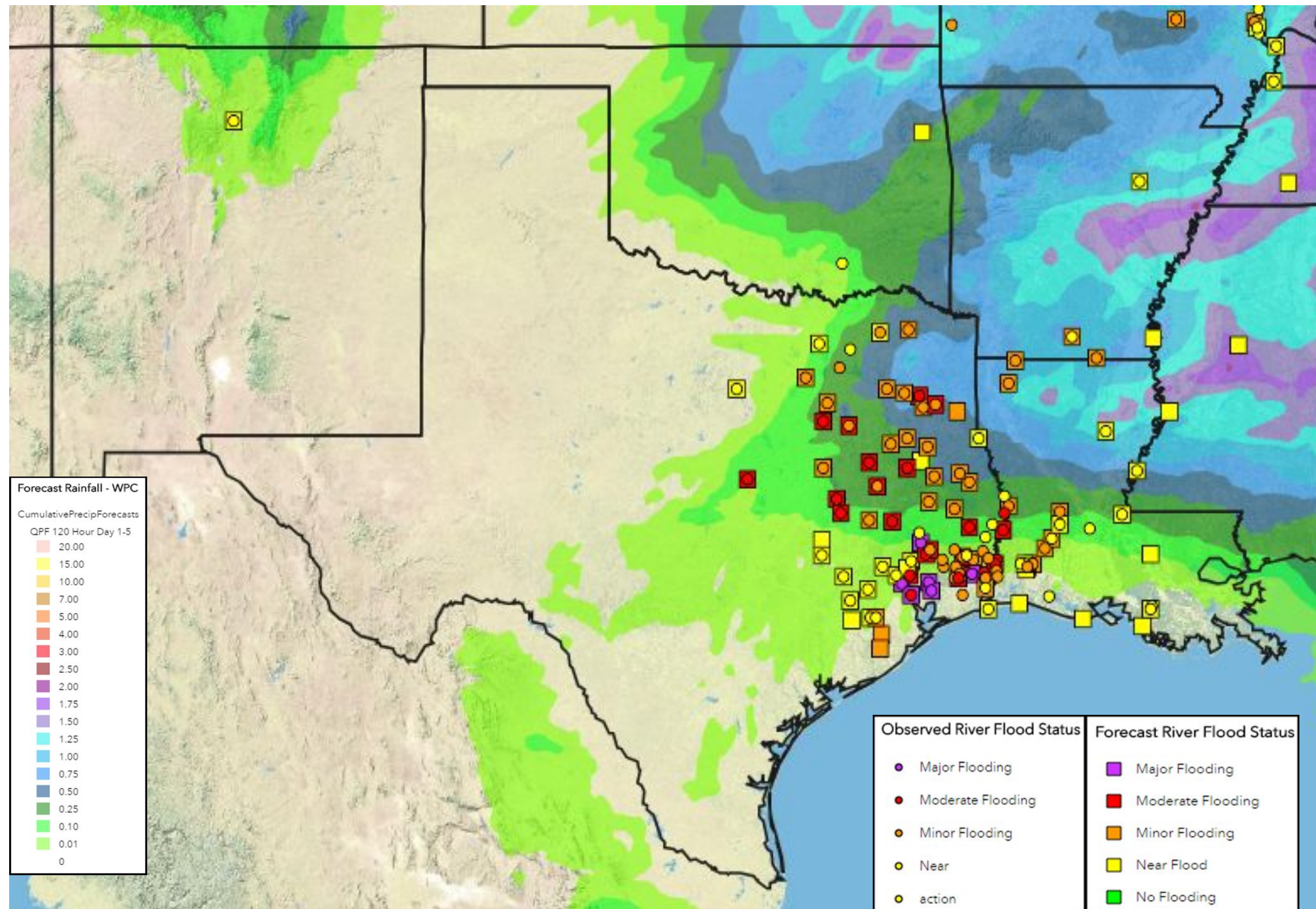
**Threat levels are based on FEMA Region 6 criteria.
State or local threat level criteria may differ.*
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

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

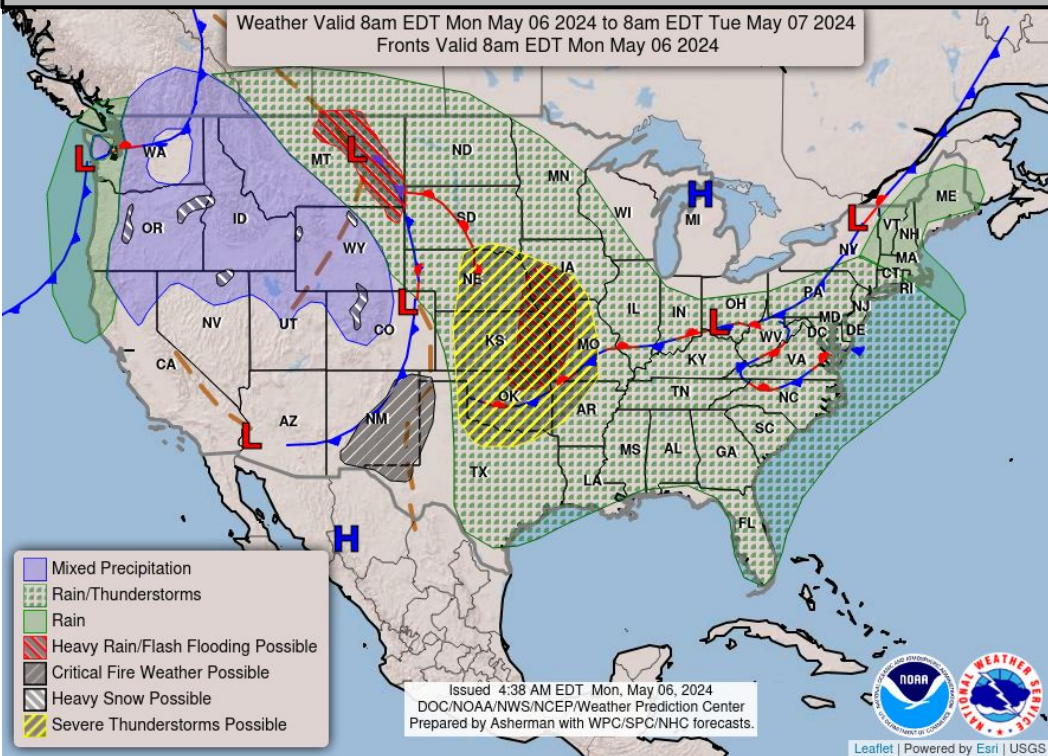


Moderate to major river flooding continues across East and SE TX this week. Homes, roads, and agricultural areas are flooded.

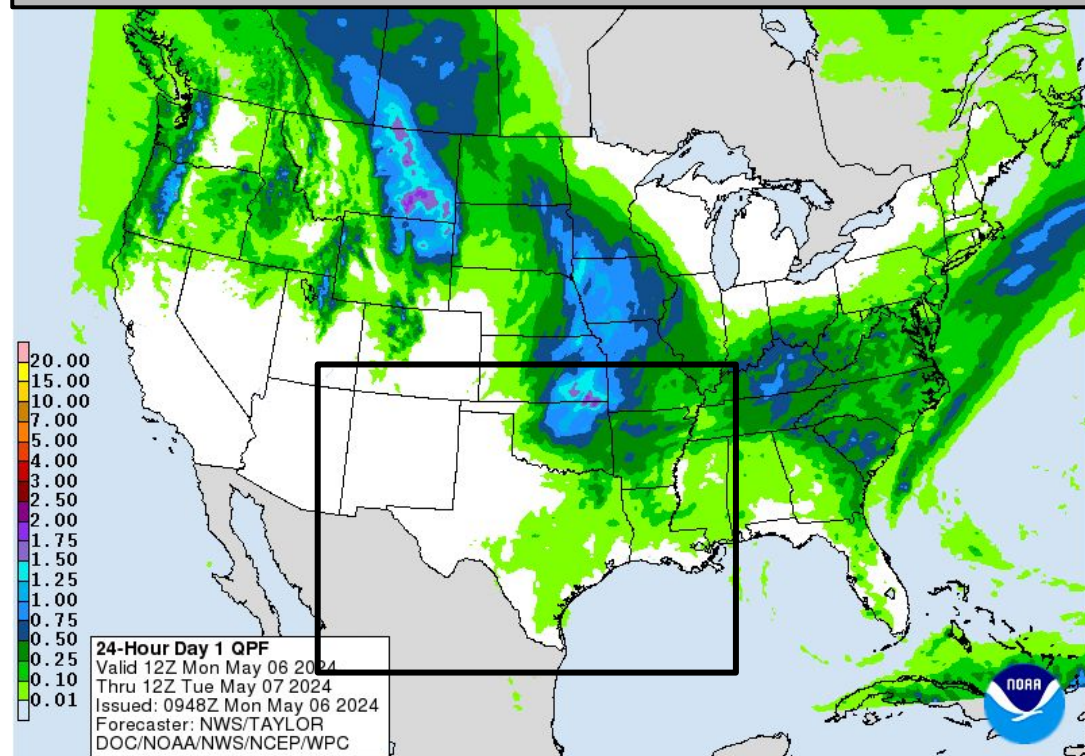


Today's Weather

Forecast Chart



Forecast Rainfall

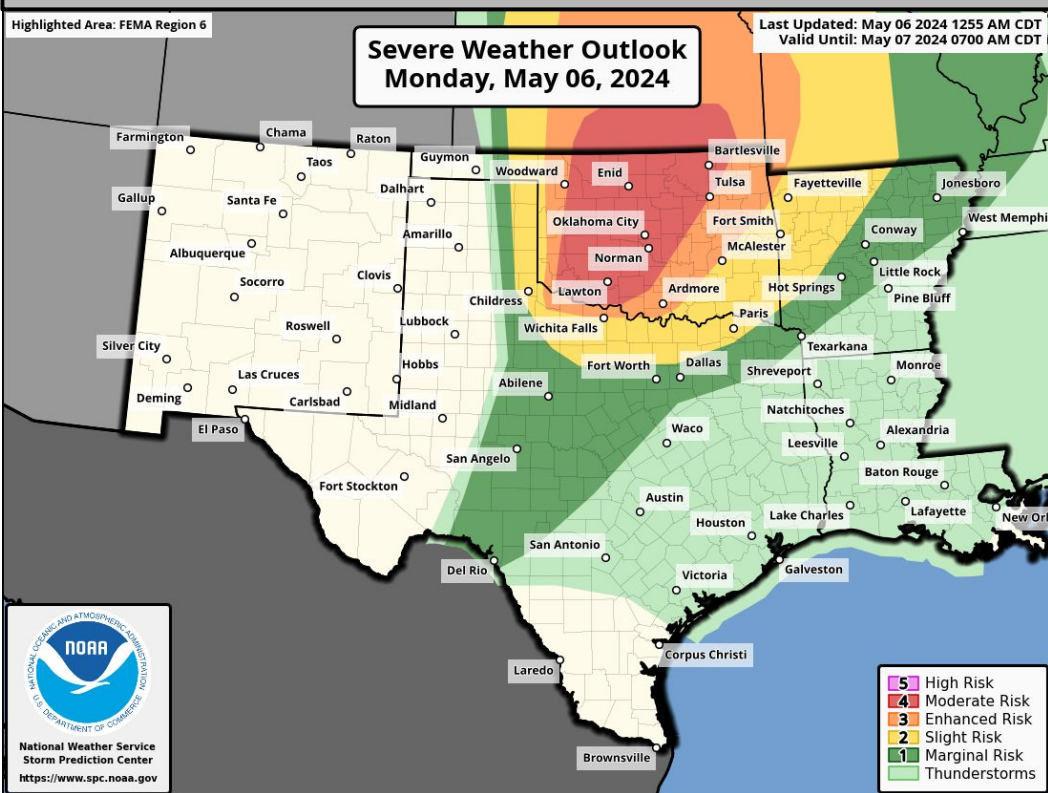


Moderate risk of severe thunderstorms for OK.

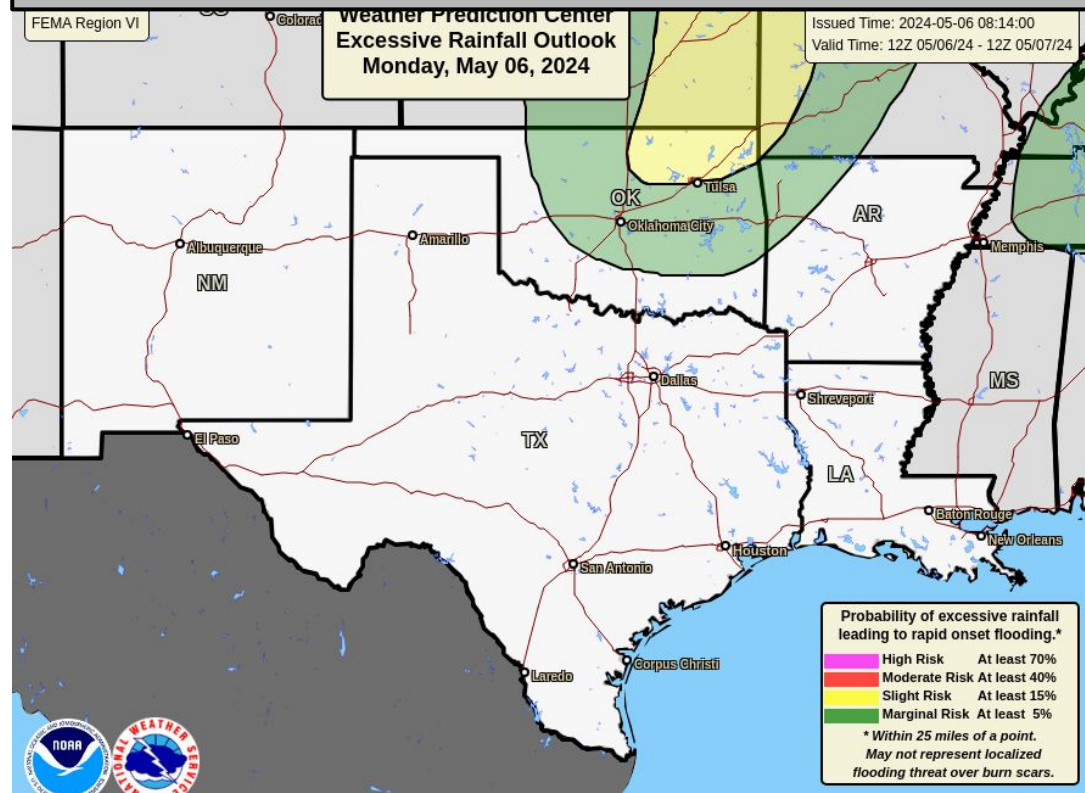
Elevated to critical fire weather conditions for NM and WTX.

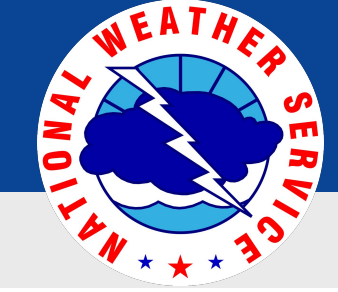
Above normal heat across S TX.

Severe Weather Outlook



Excessive Rainfall Outlook



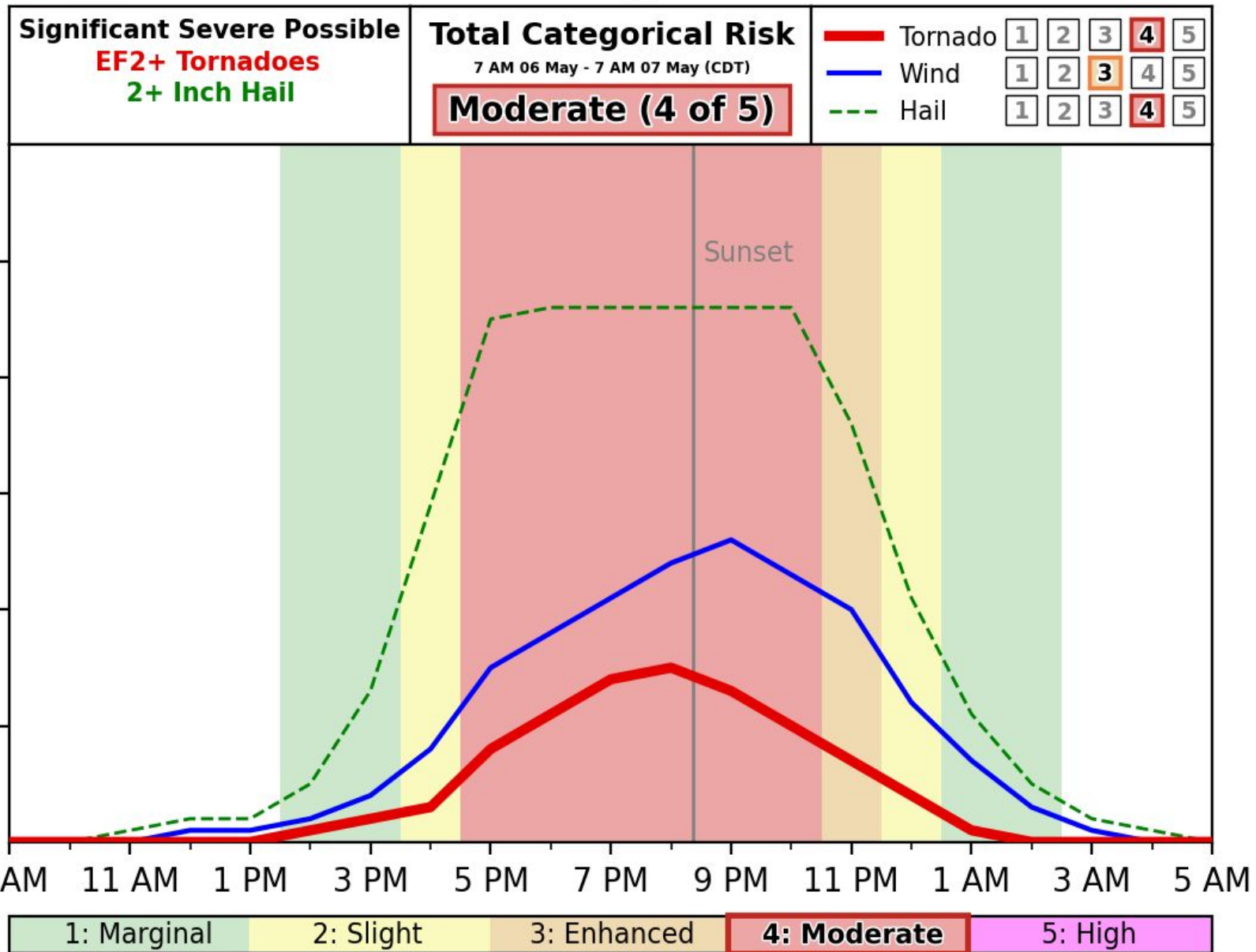


Thunderstorm Outlook Timing



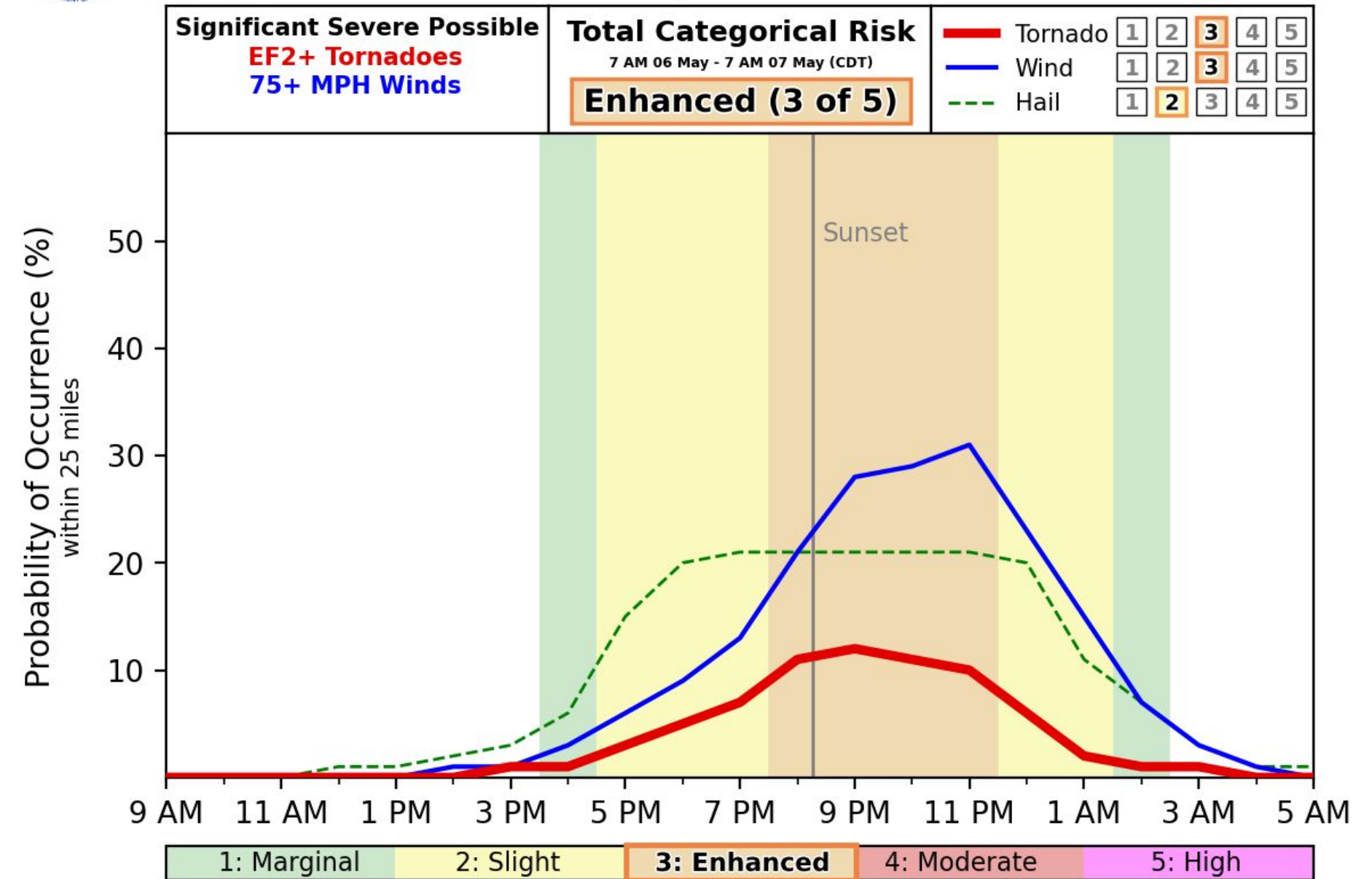
06 May 2024 Severe Weather Outlook Oklahoma City, Oklahoma

Created: 1:06 AM



06 May 2024 Severe Weather Outlook Tulsa, Oklahoma

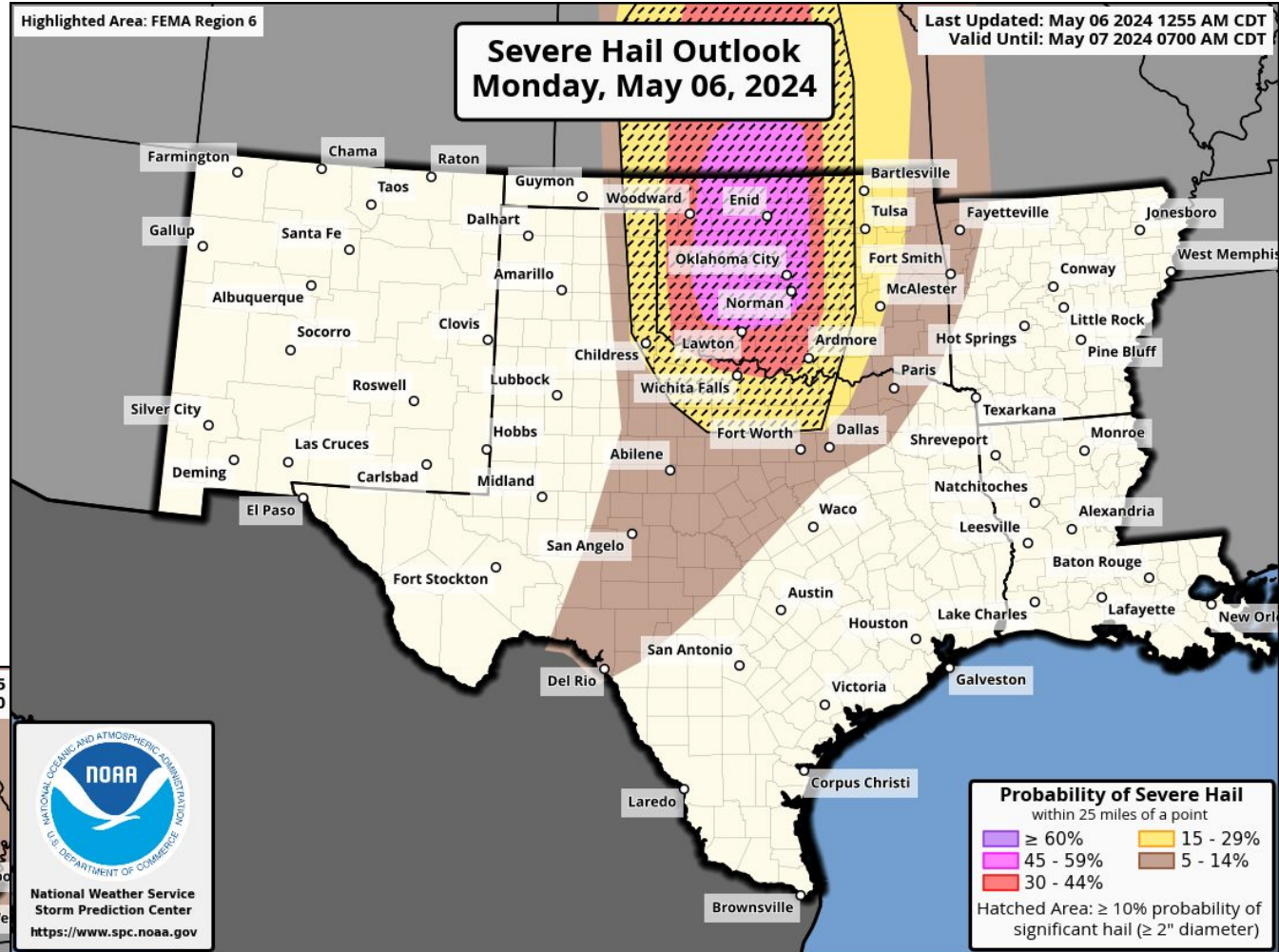
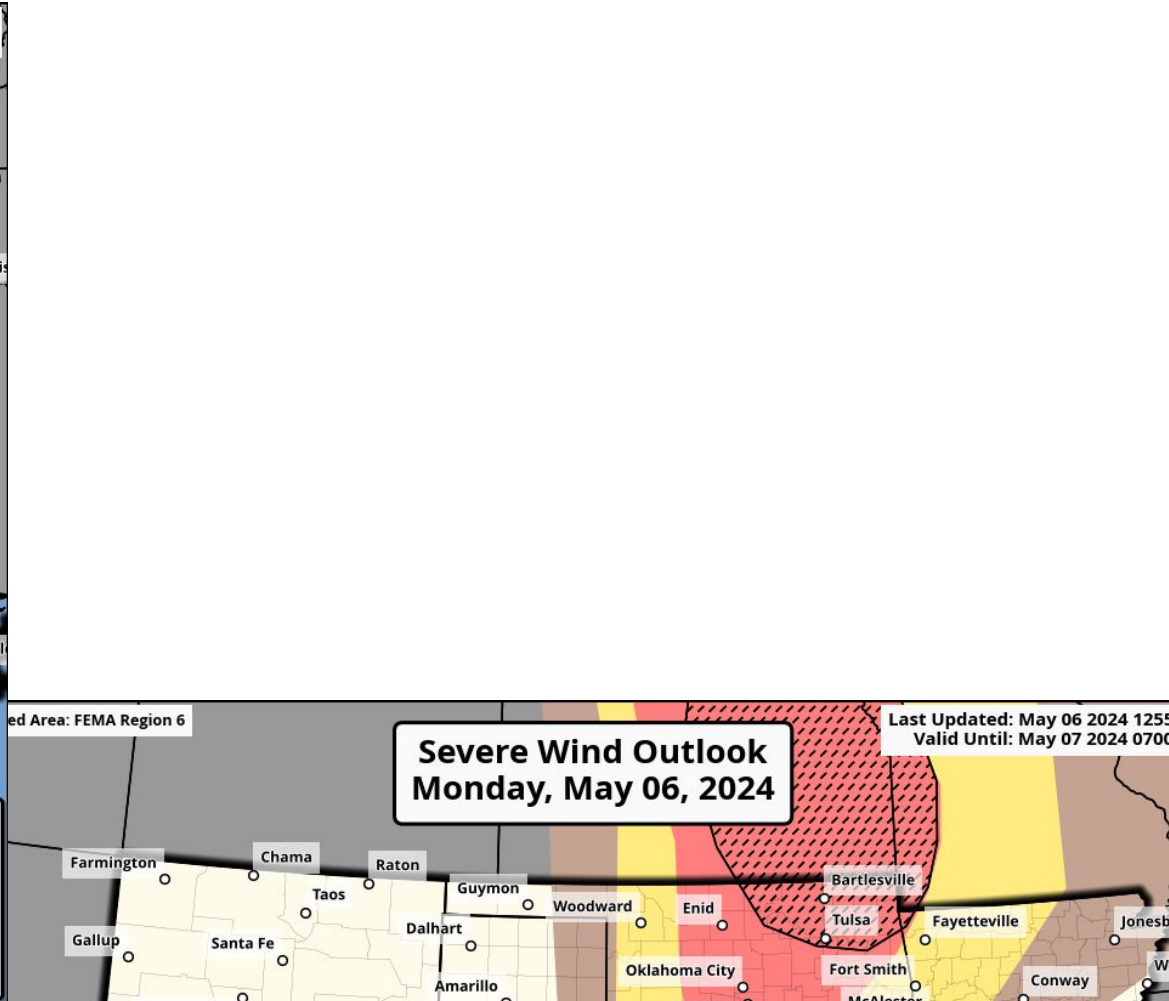
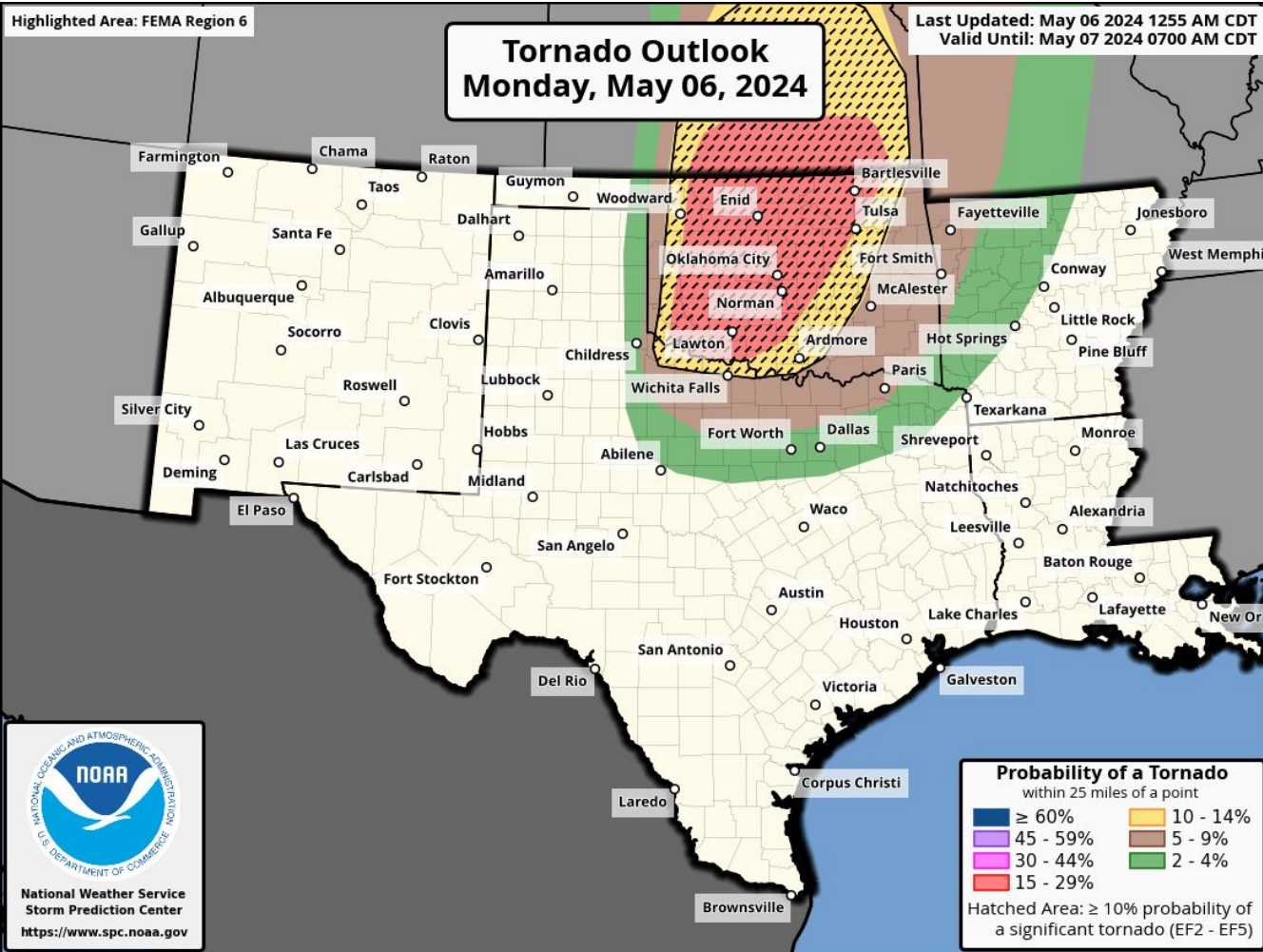
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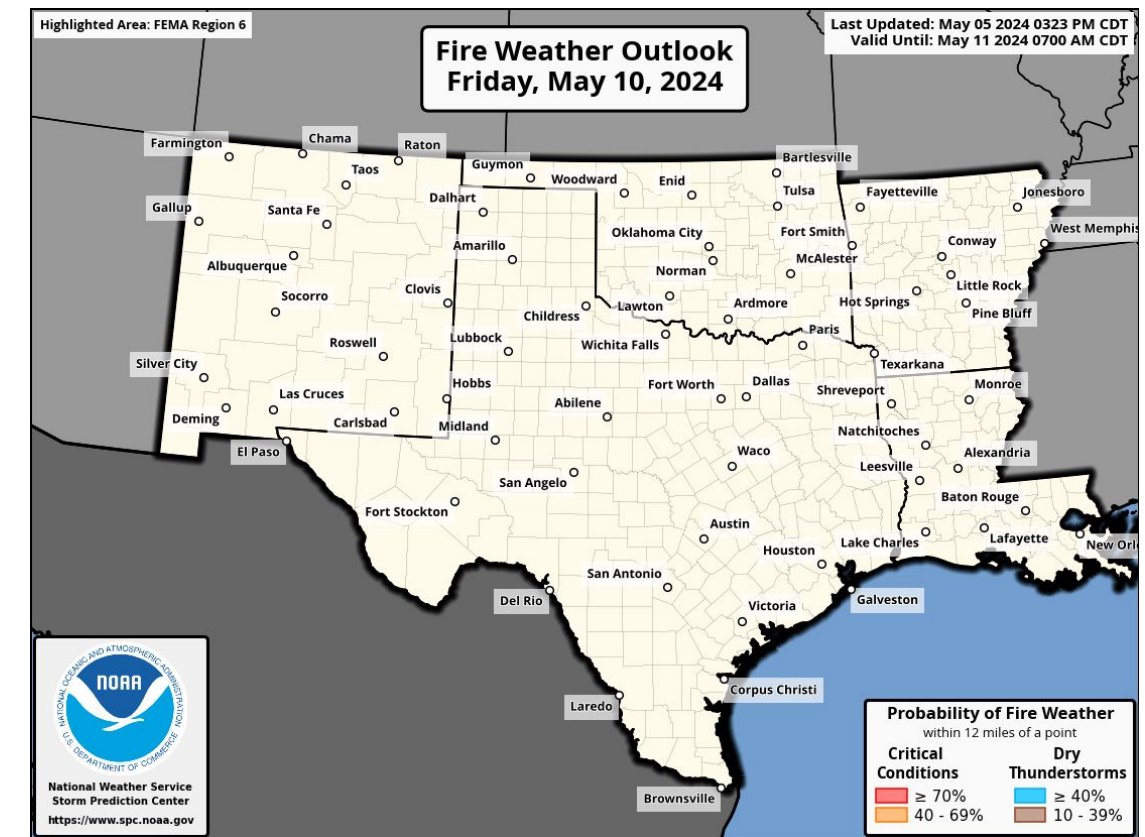
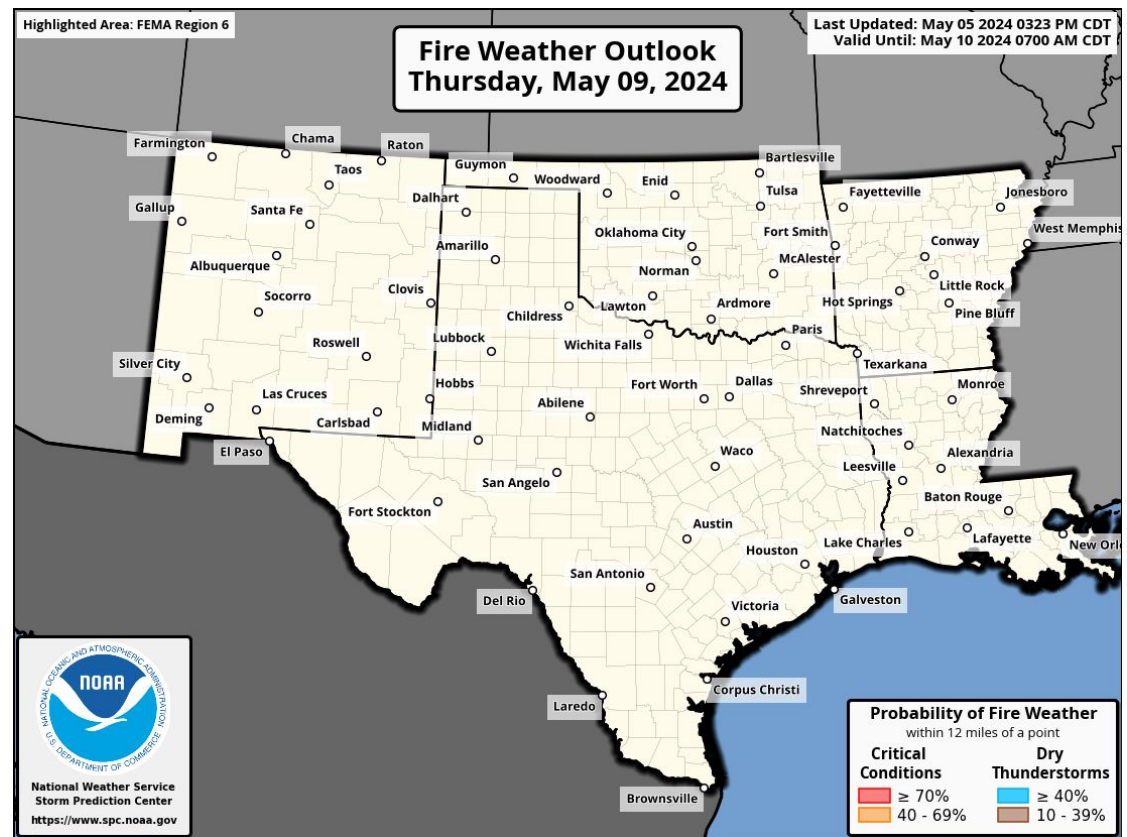
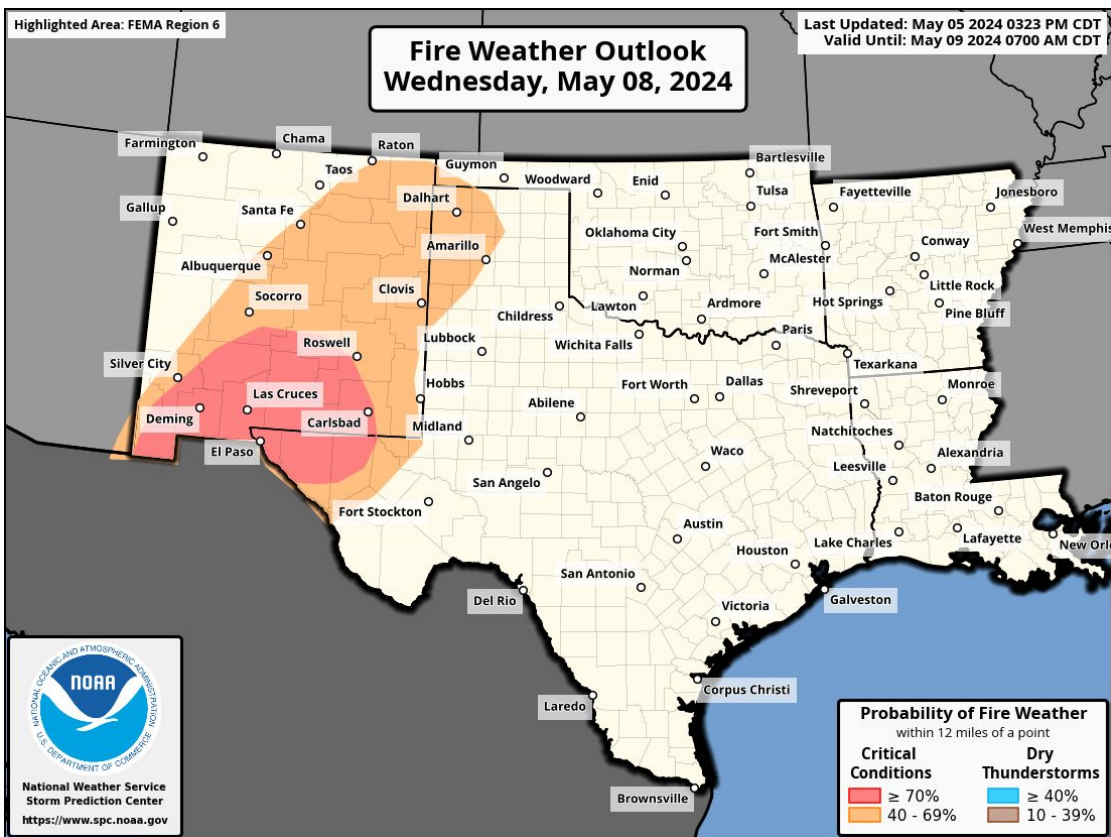
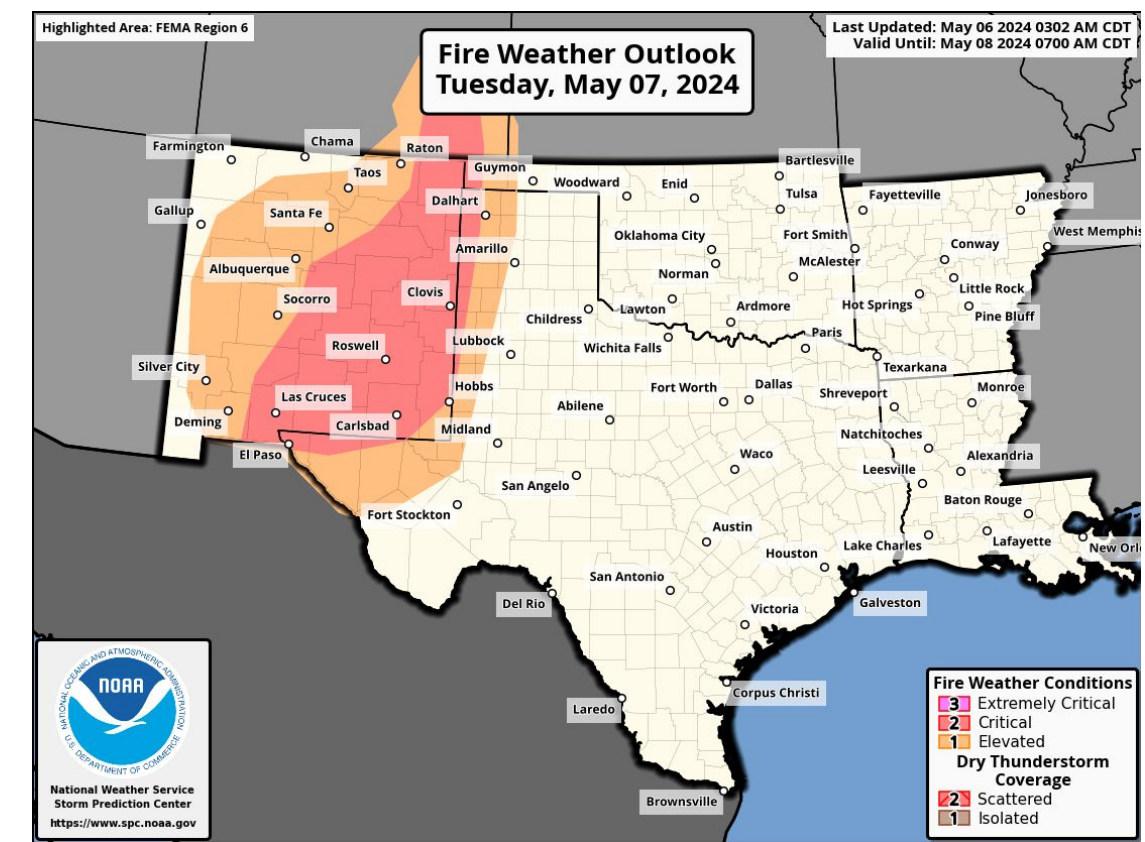
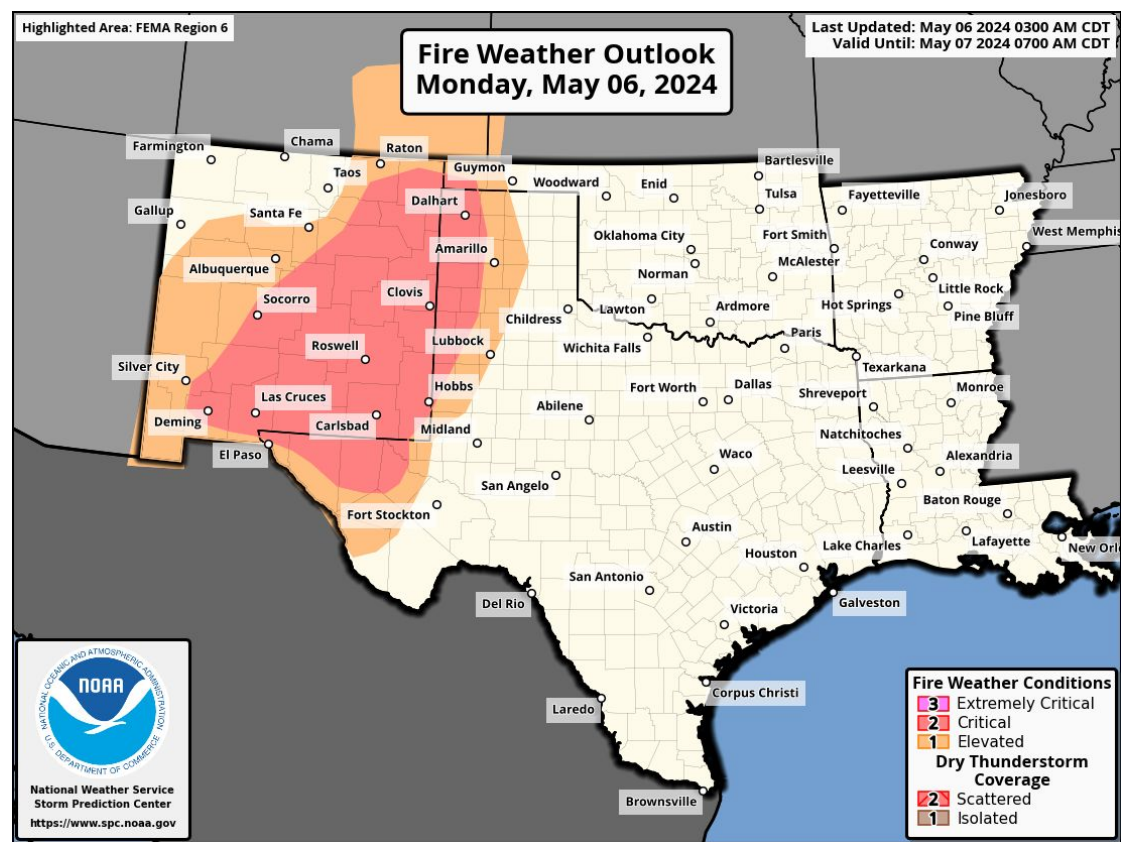
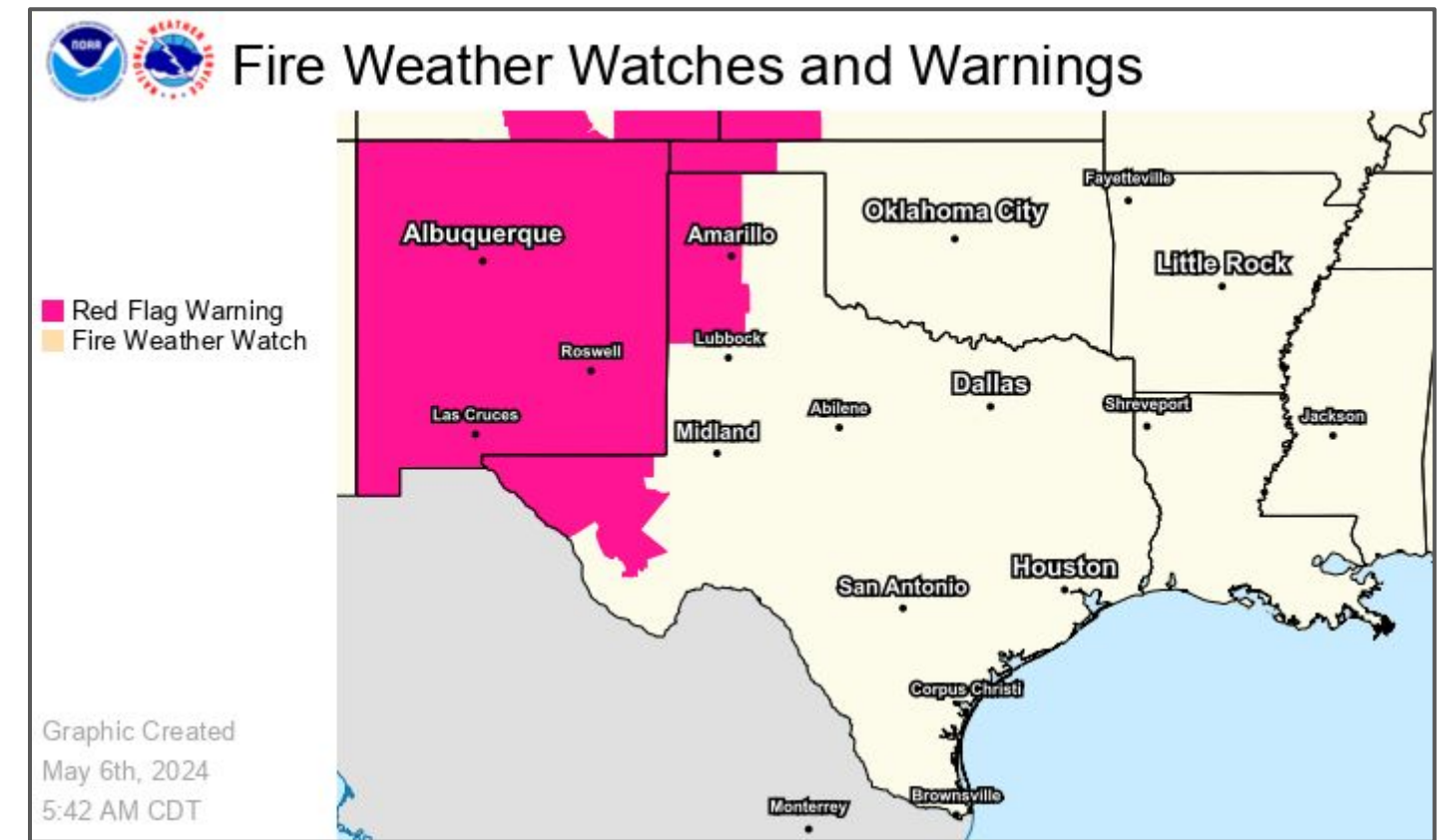
Today's Tornado & Severe Wind / Hail Probabilities

May 6, 2024¹



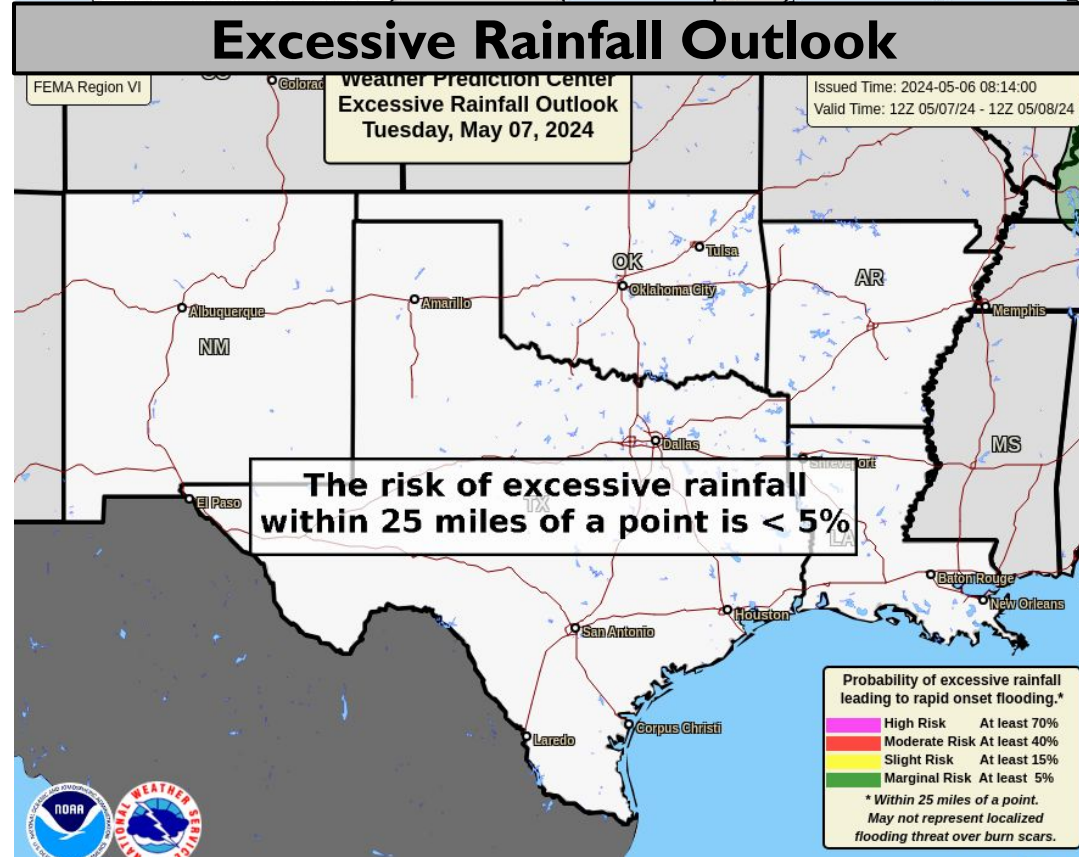
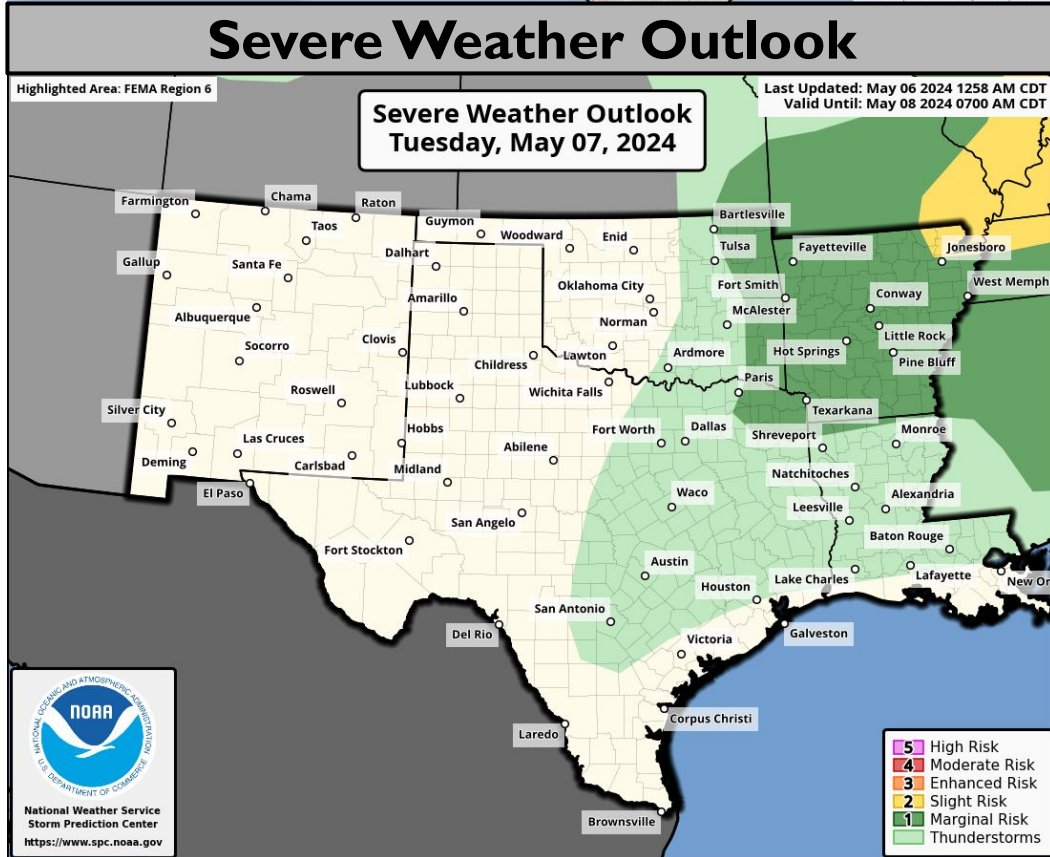
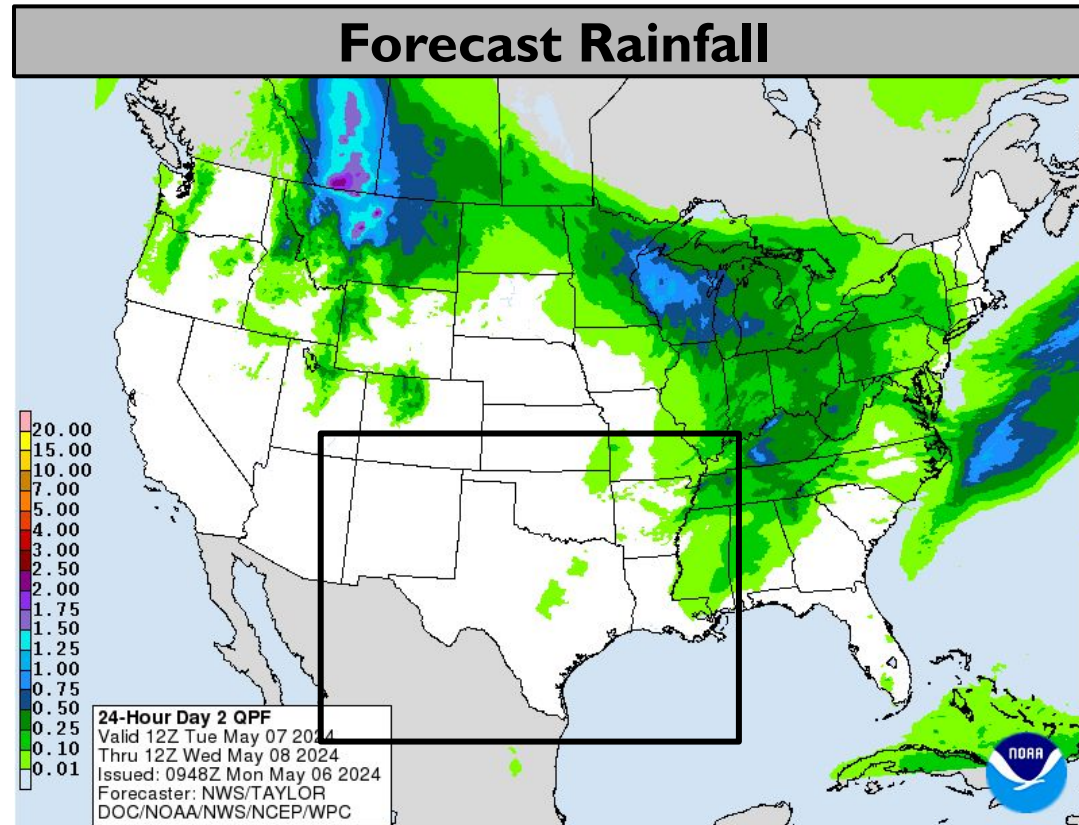
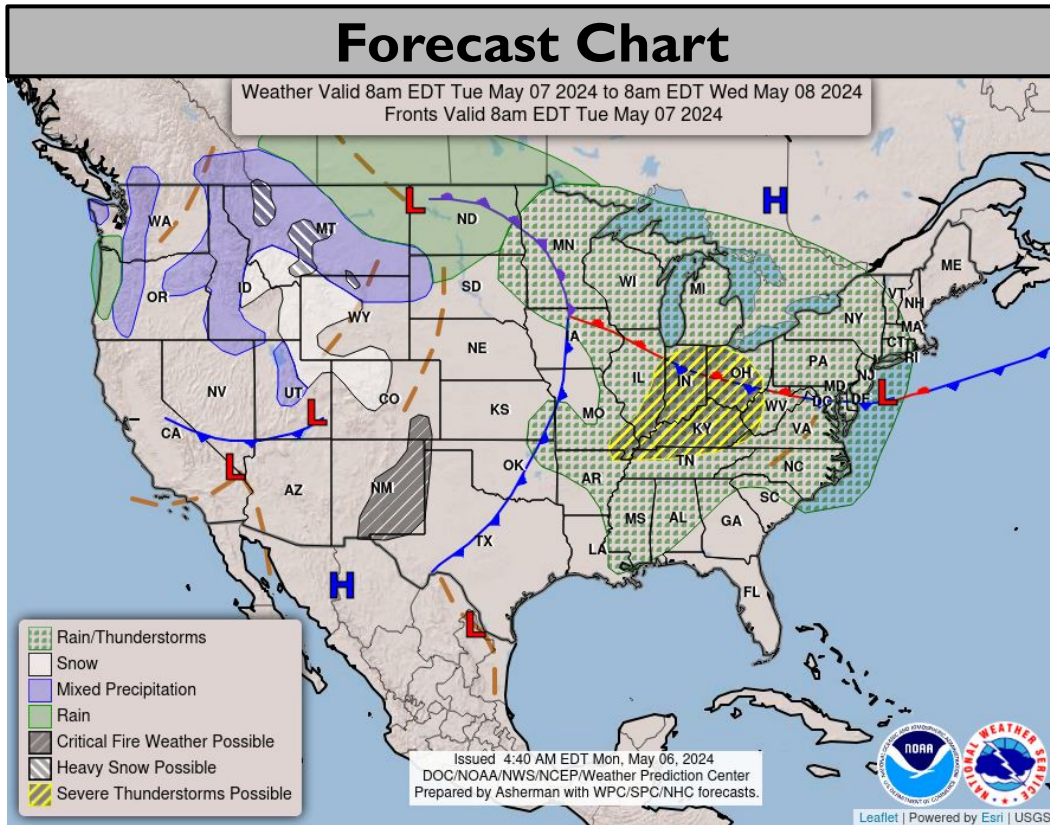


Fire Weather Outlooks





Tomorrow's Weather



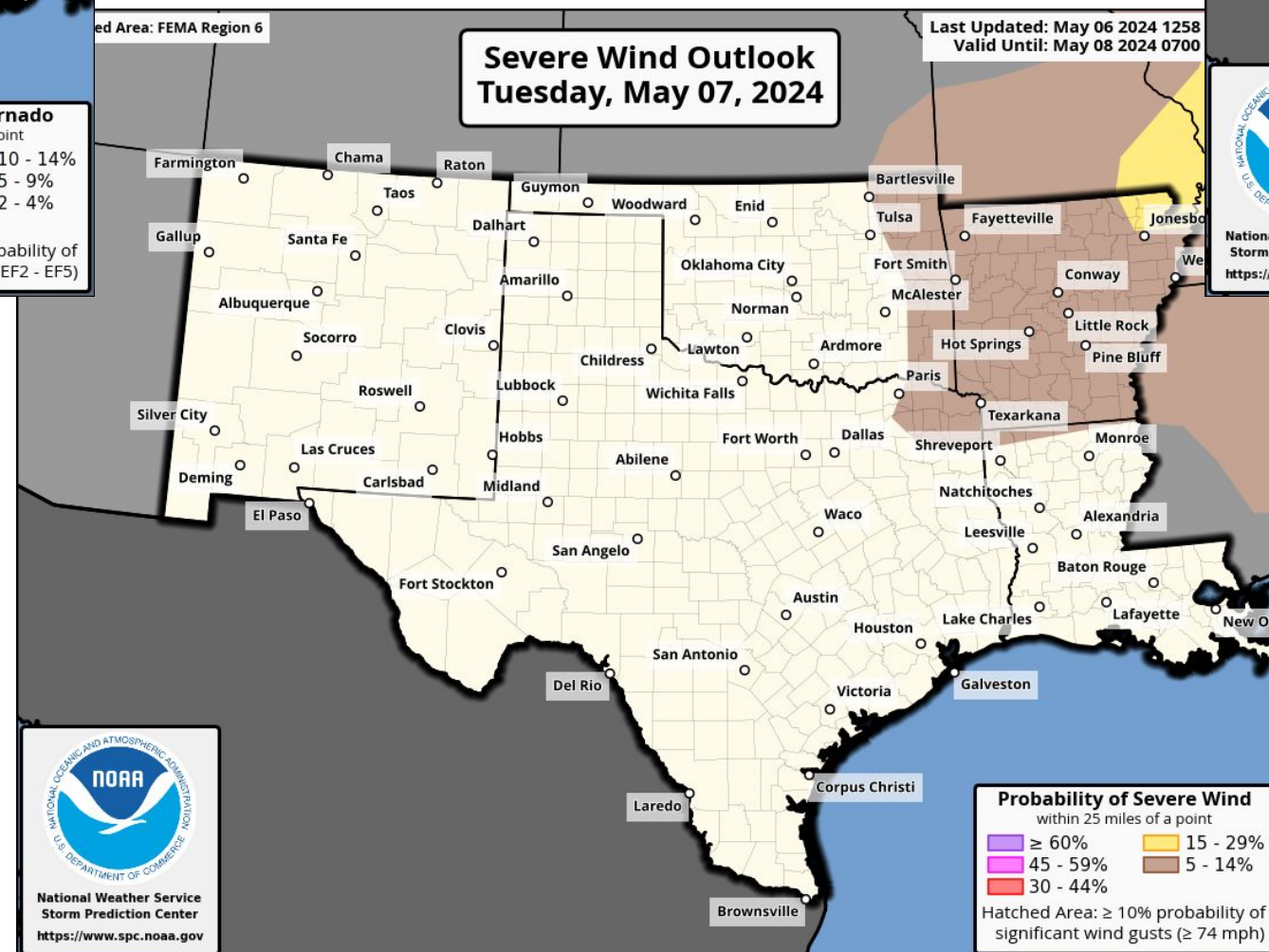
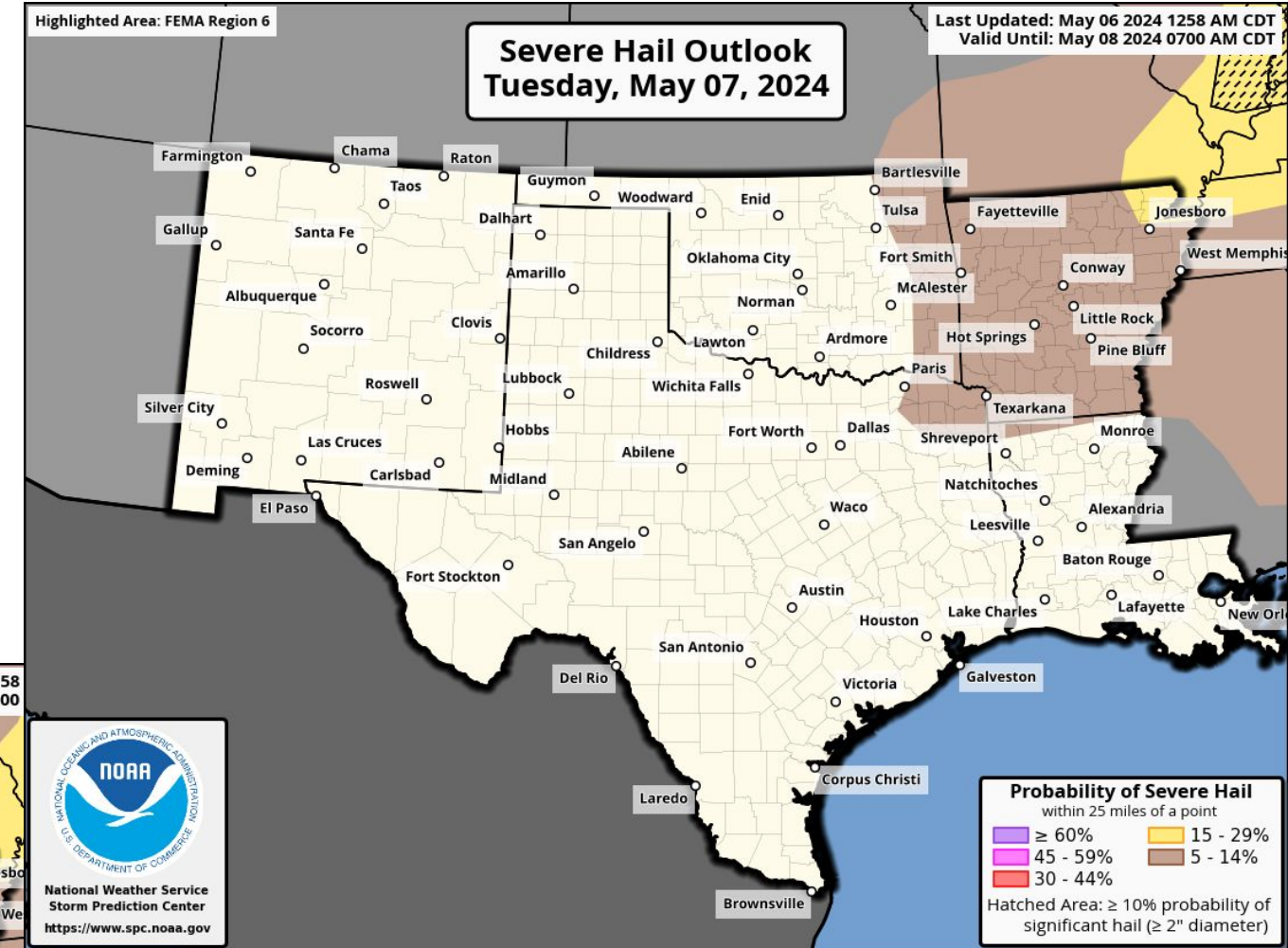
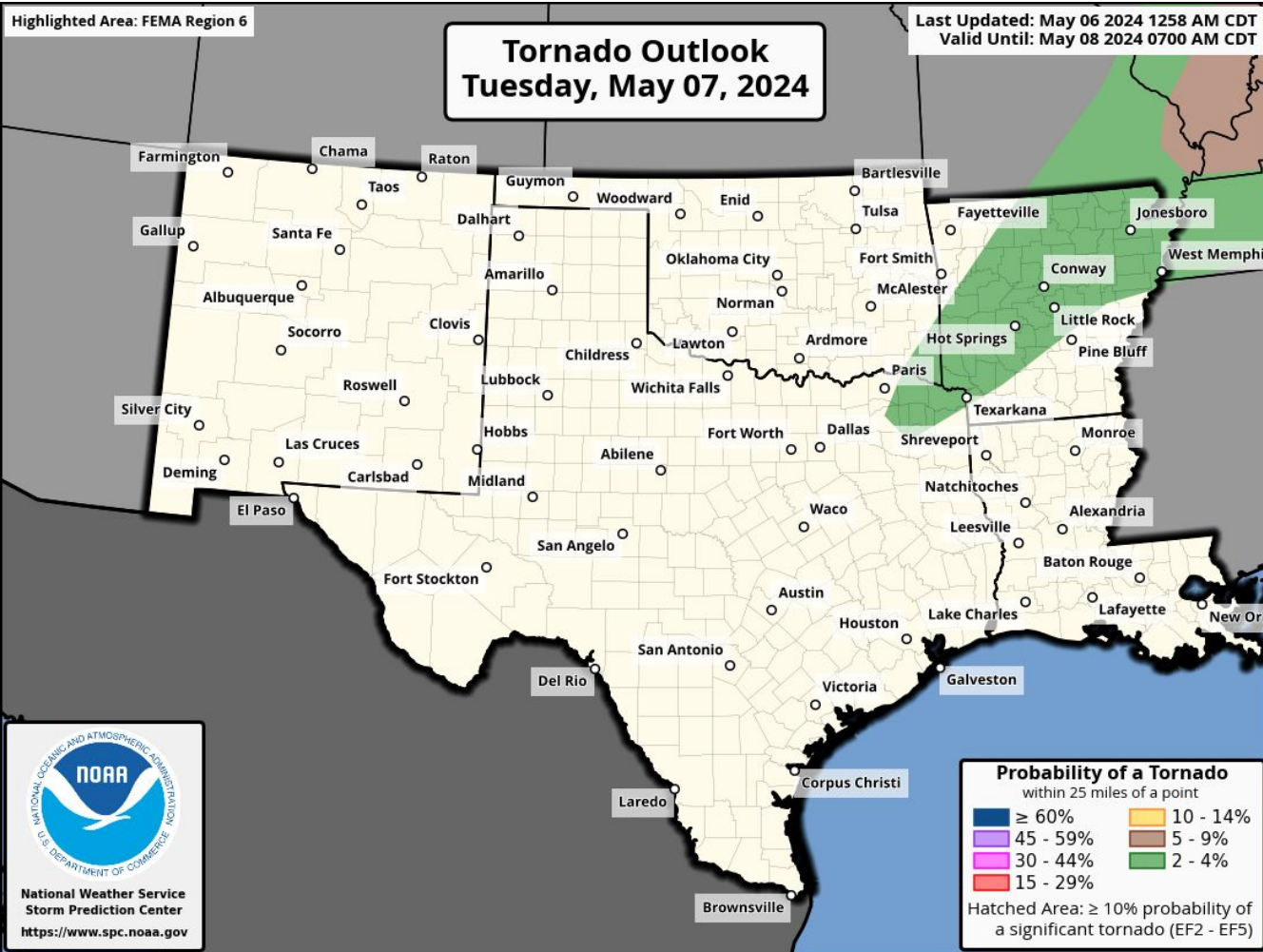
Slight risk of severe thunderstorms for NE AR.

Elevated to critical fire weather conditions for NM and W TX.

Above normal heat across SETX.

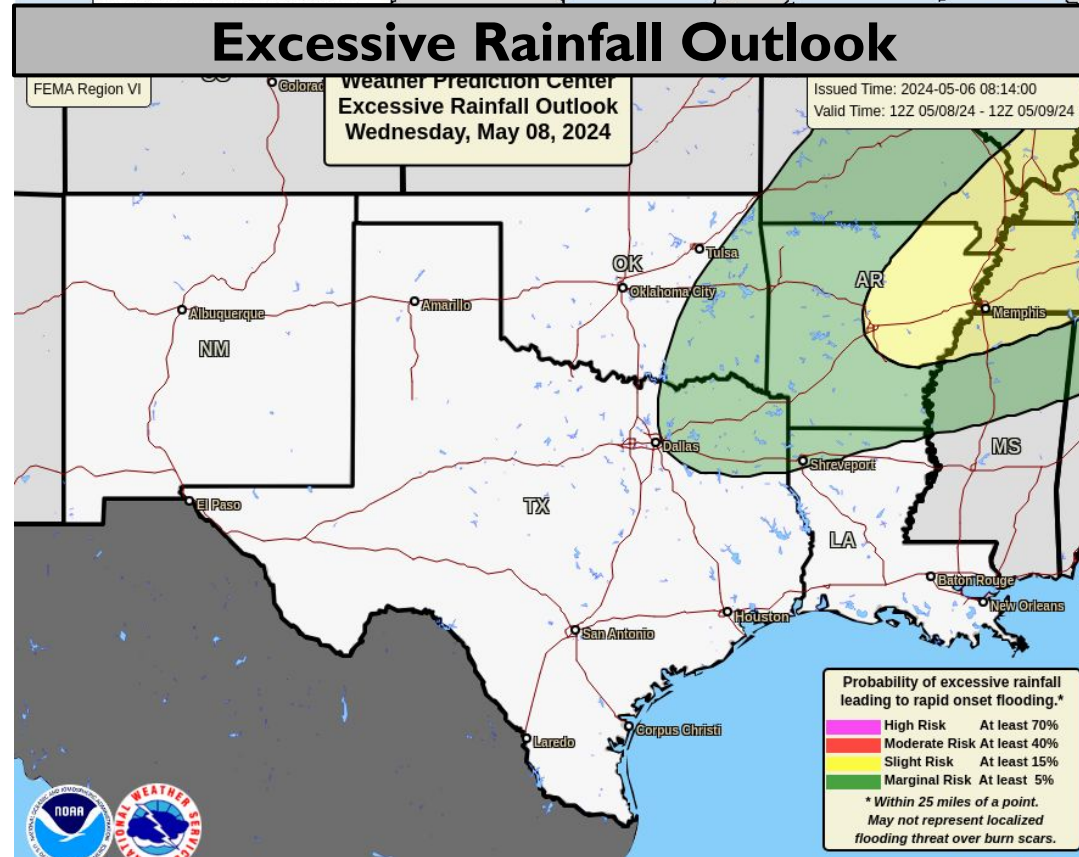
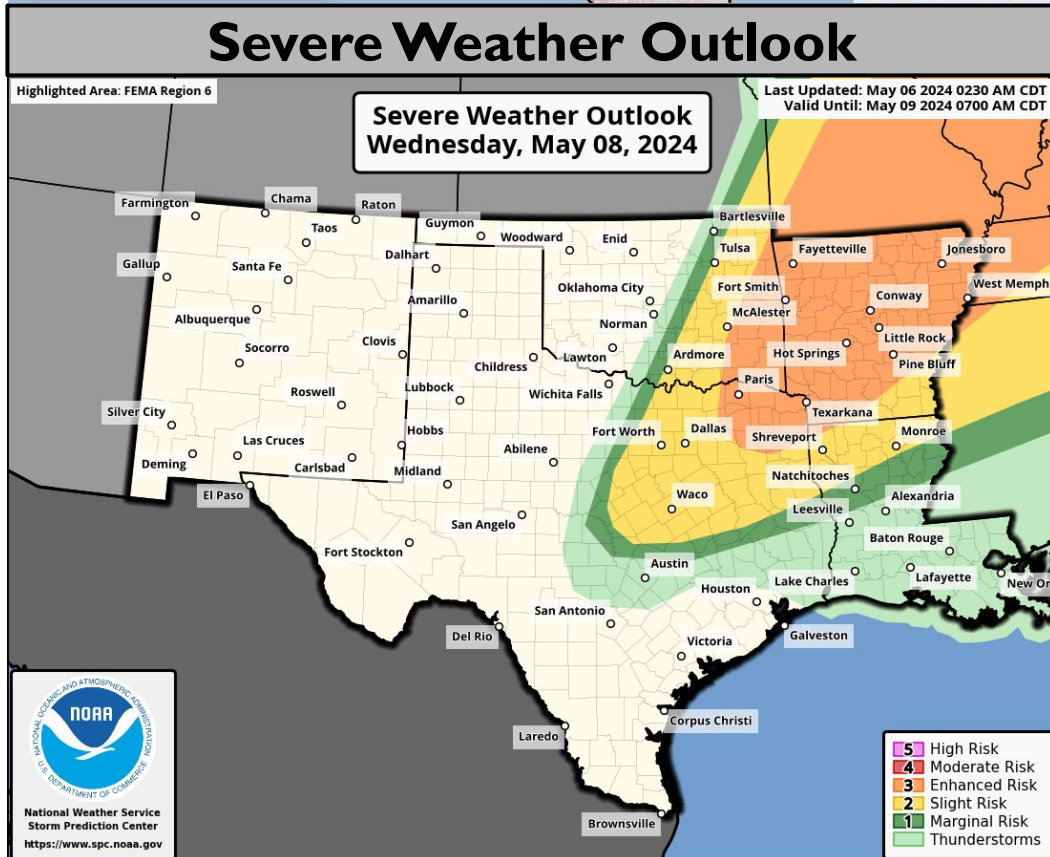
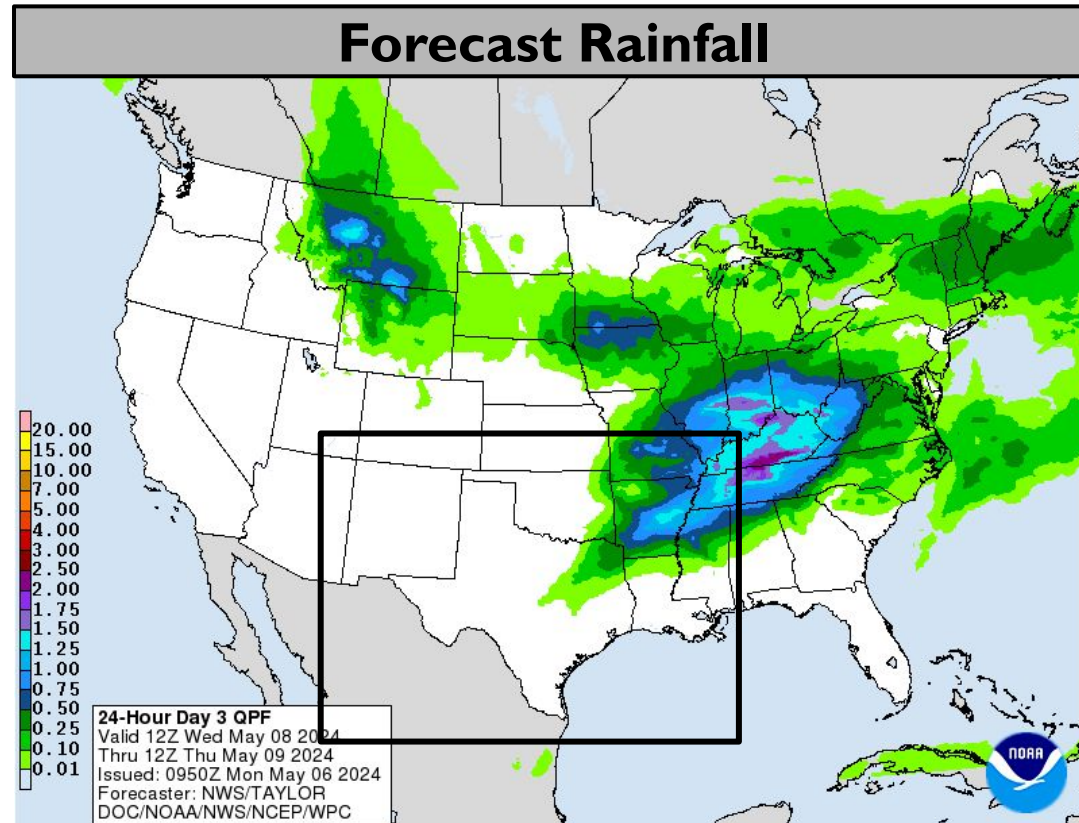
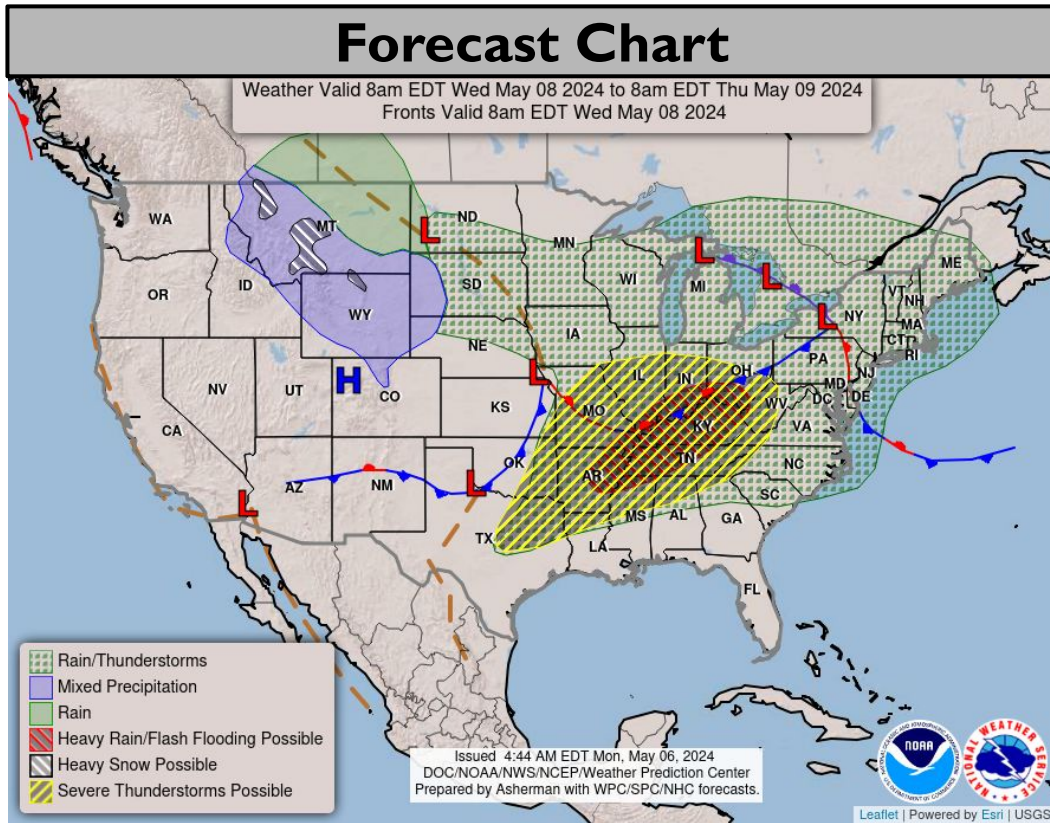


Tomorrow's Tornado & Severe Wind / Hail Probabilities





Wednesday's Weather



Slight to enhanced risk of severe thunderstorms across NETX, /E OK, AR and N LA.

Slight risk of heavy rain/flash flooding across NE AR.

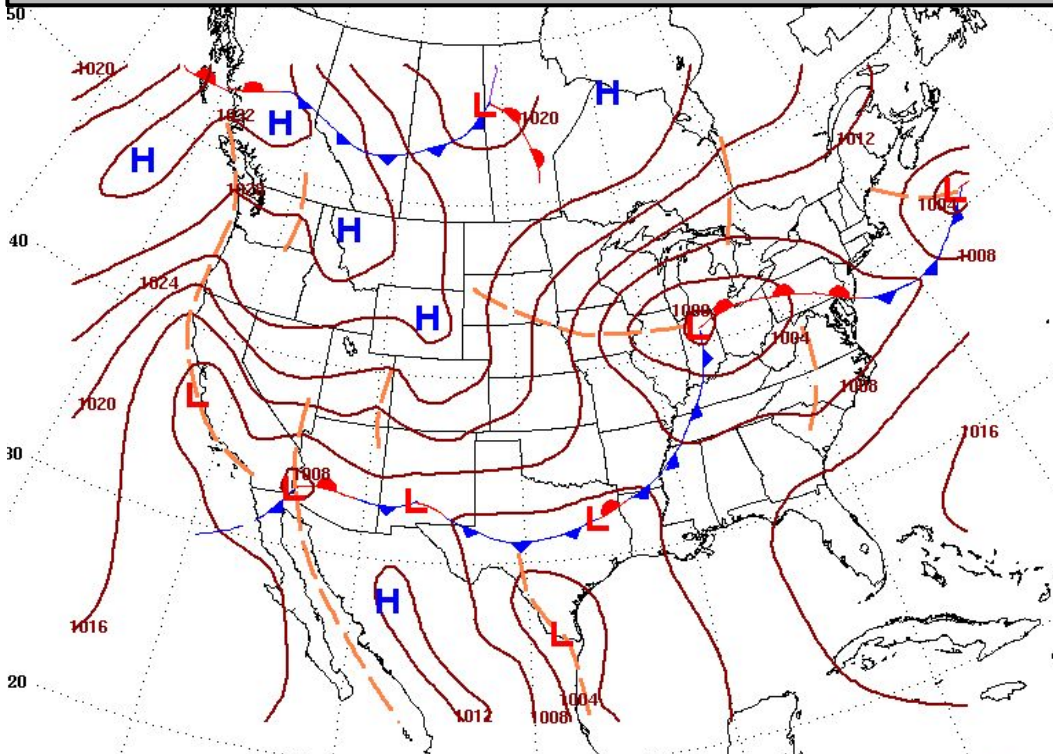
Above normal heat across SETX.

Elevated to critical fire weather conditions across S NM.

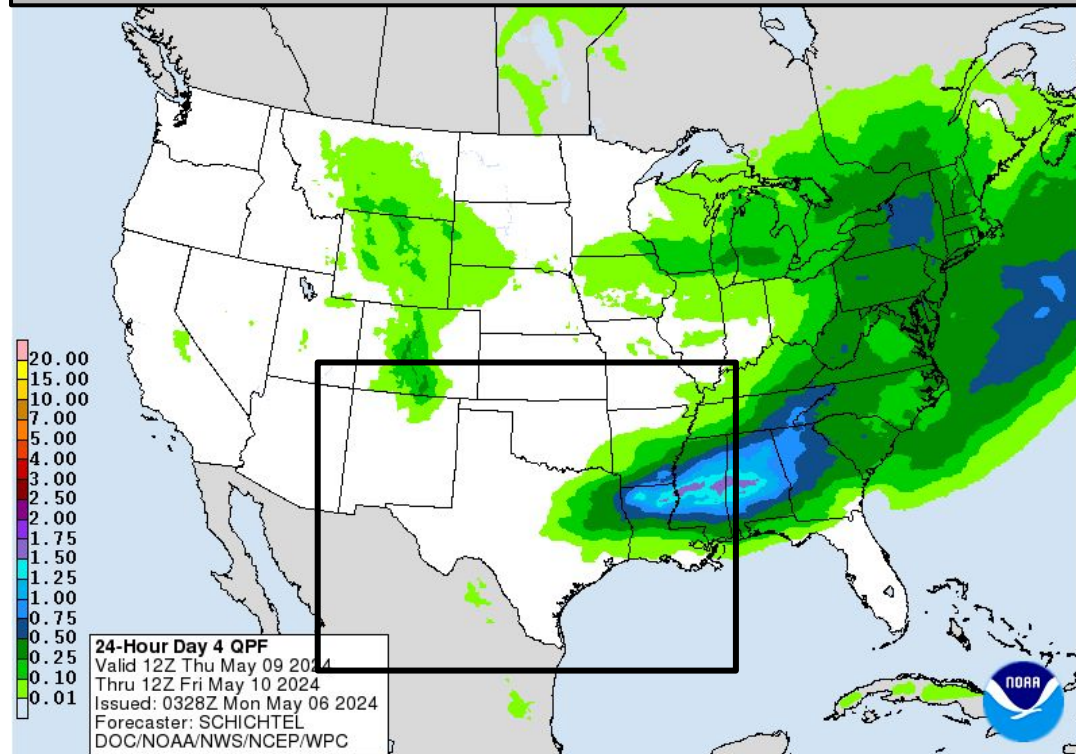


Thursday's Weather

Forecast Chart



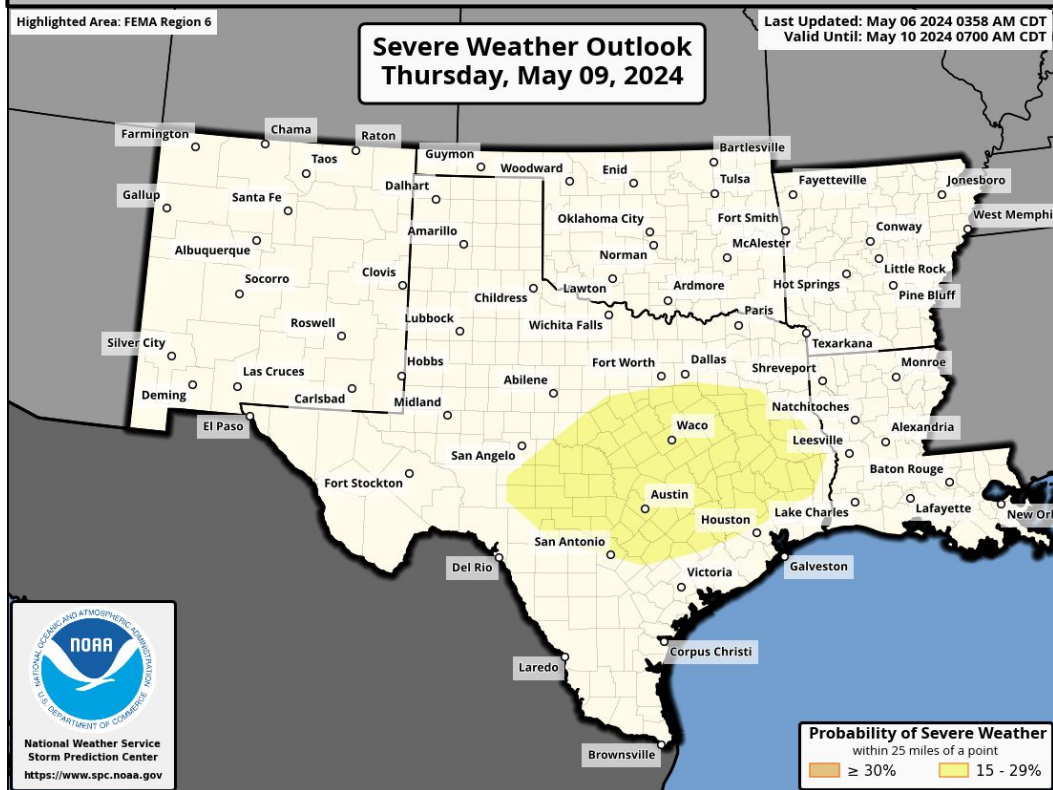
Forecast Rainfall



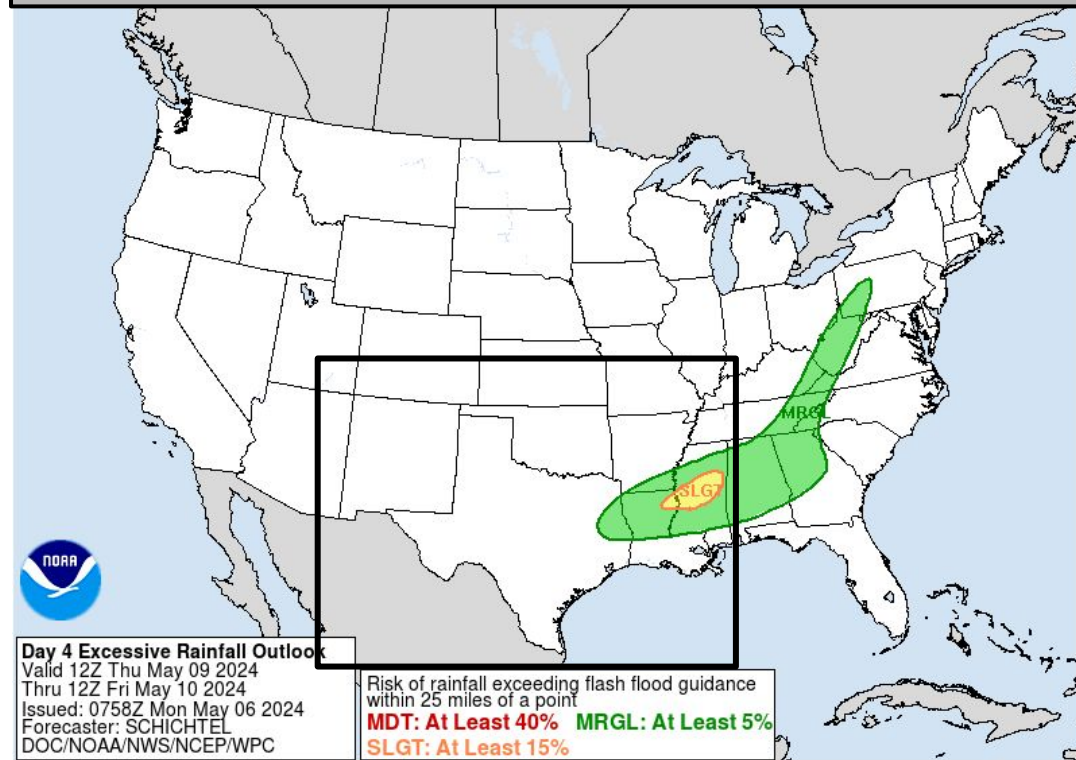
Above normal heat across SETX.

Slight risk area for severe thunderstorms across TX.

Severe Weather Outlook



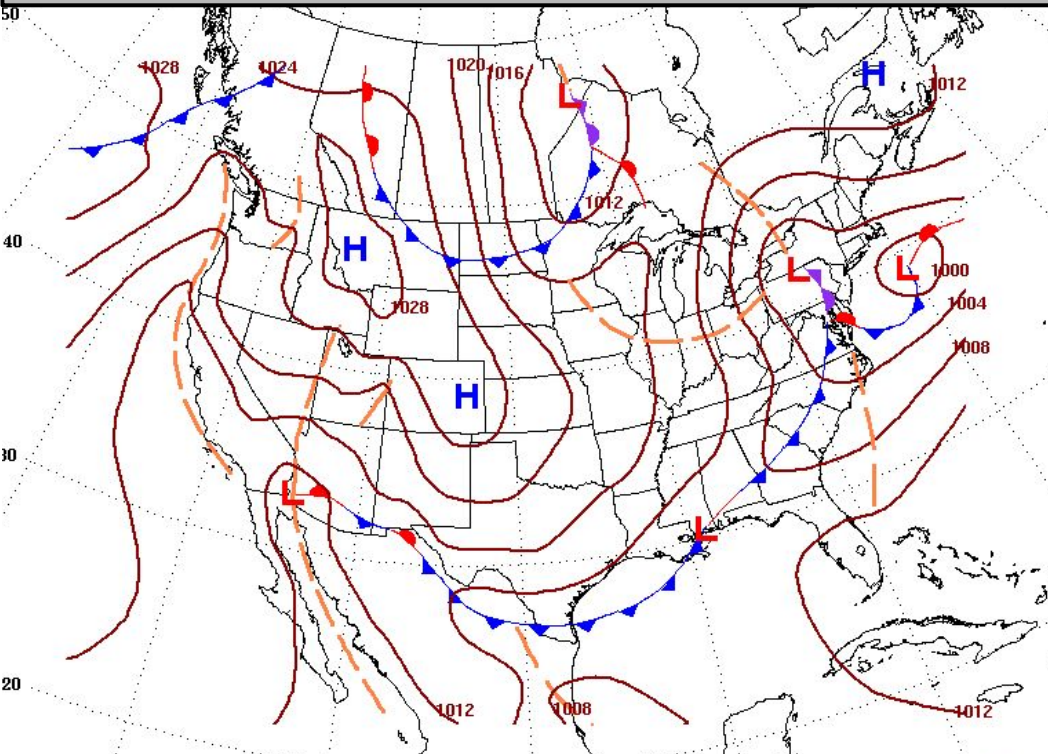
Excessive Rainfall Outlook



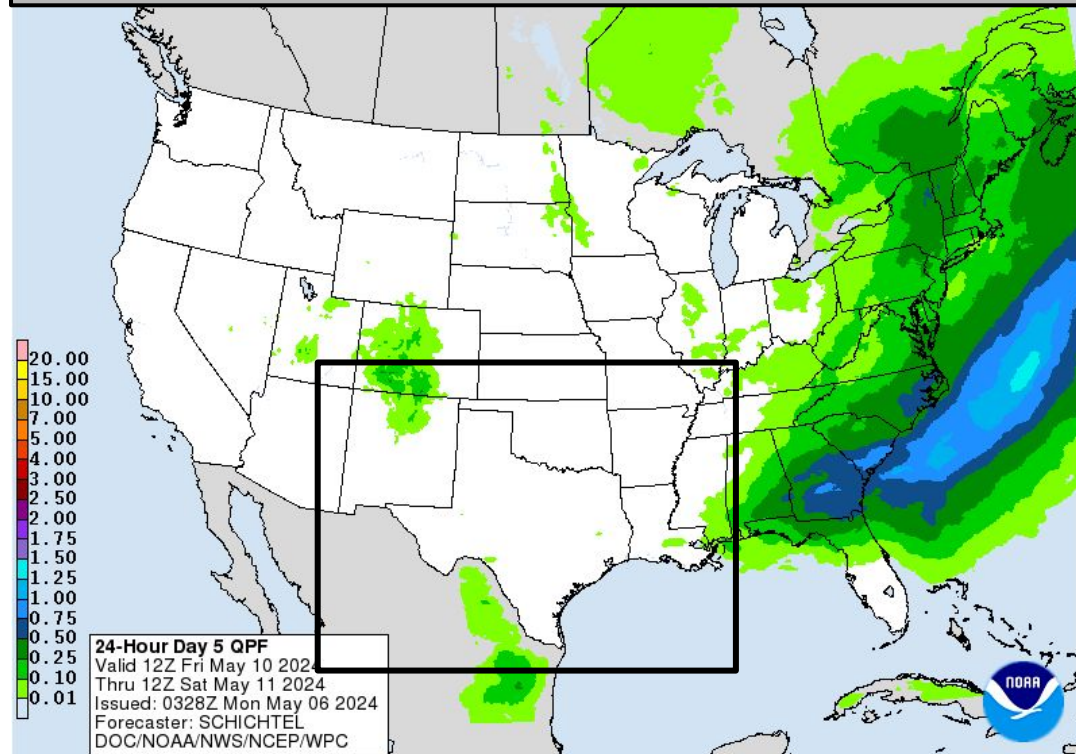


Friday's Weather

Forecast Chart

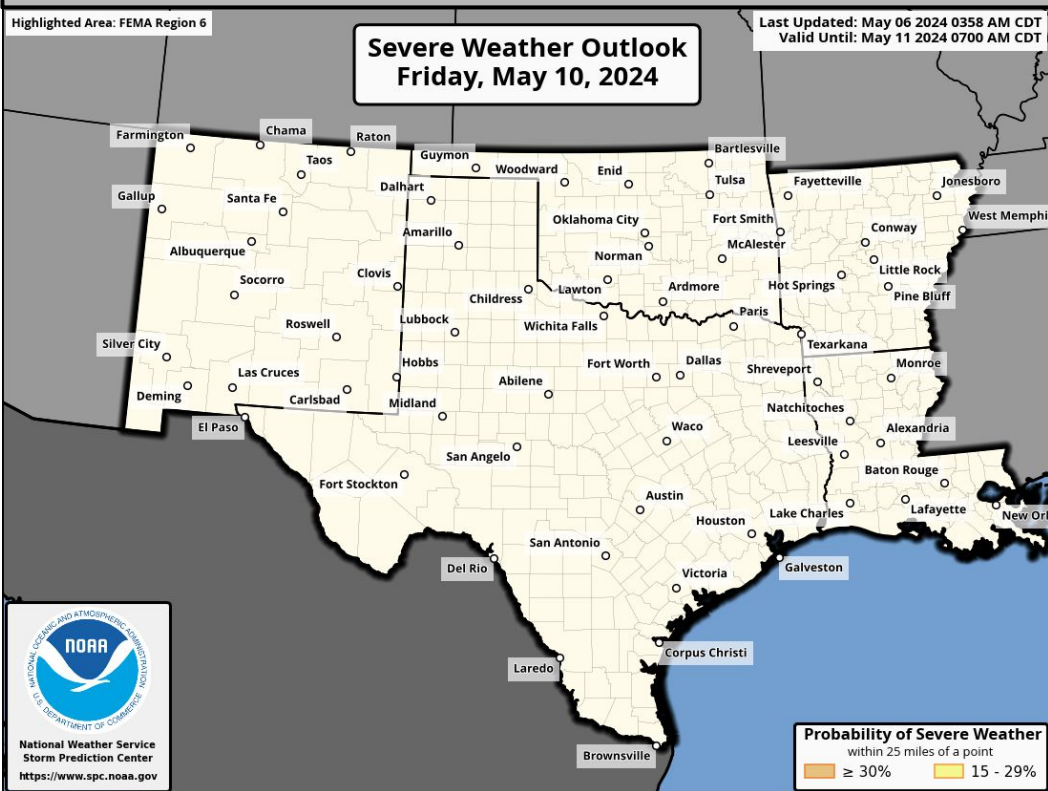


Forecast Rainfall

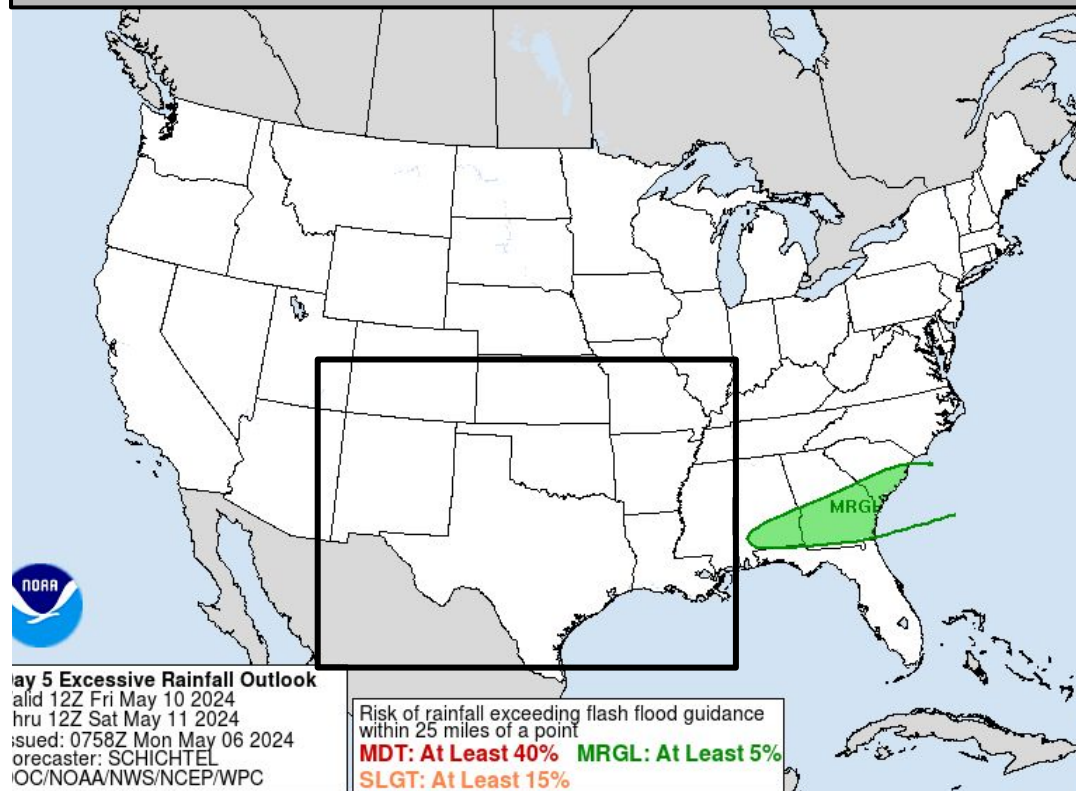


No significant weather expected.

Severe Weather Outlook



Excessive Rainfall Outlook

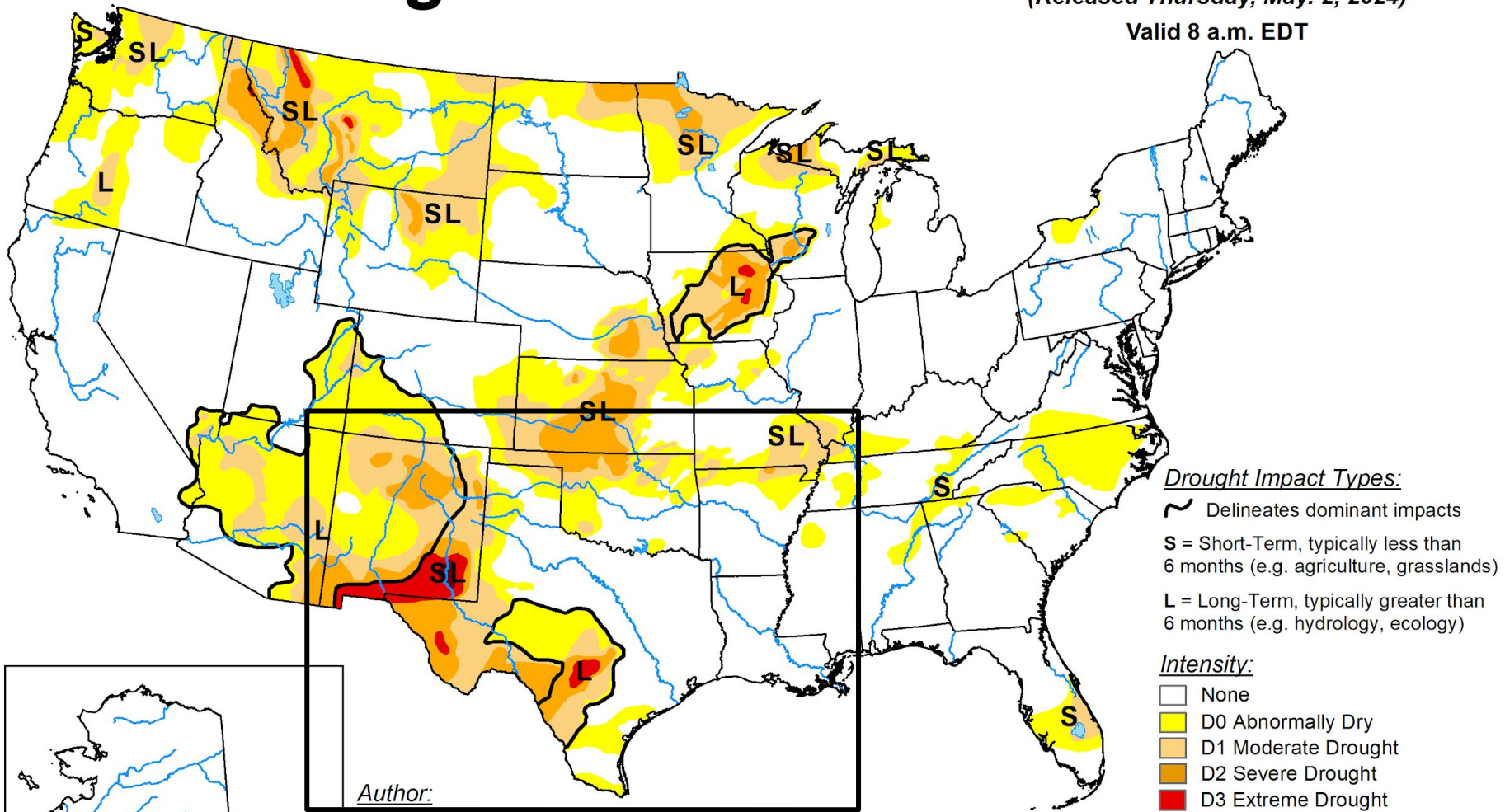




Drought Monitor

U.S. Drought Monitor

April 30, 2024
(Released Thursday, May 2, 2024)
Valid 8 a.m. EDT



Drought Impact Types:
~ Delineates dominant impacts
S = Short-Term, typically less than 6 months (e.g. agriculture, grasslands)
L = Long-Term, typically greater than 6 months (e.g. hydrology, ecology)

Intensity:
None
D0 Abnormally Dry
D1 Moderate Drought
D2 Severe Drought
D3 Extreme Drought
D4 Exceptional Drought

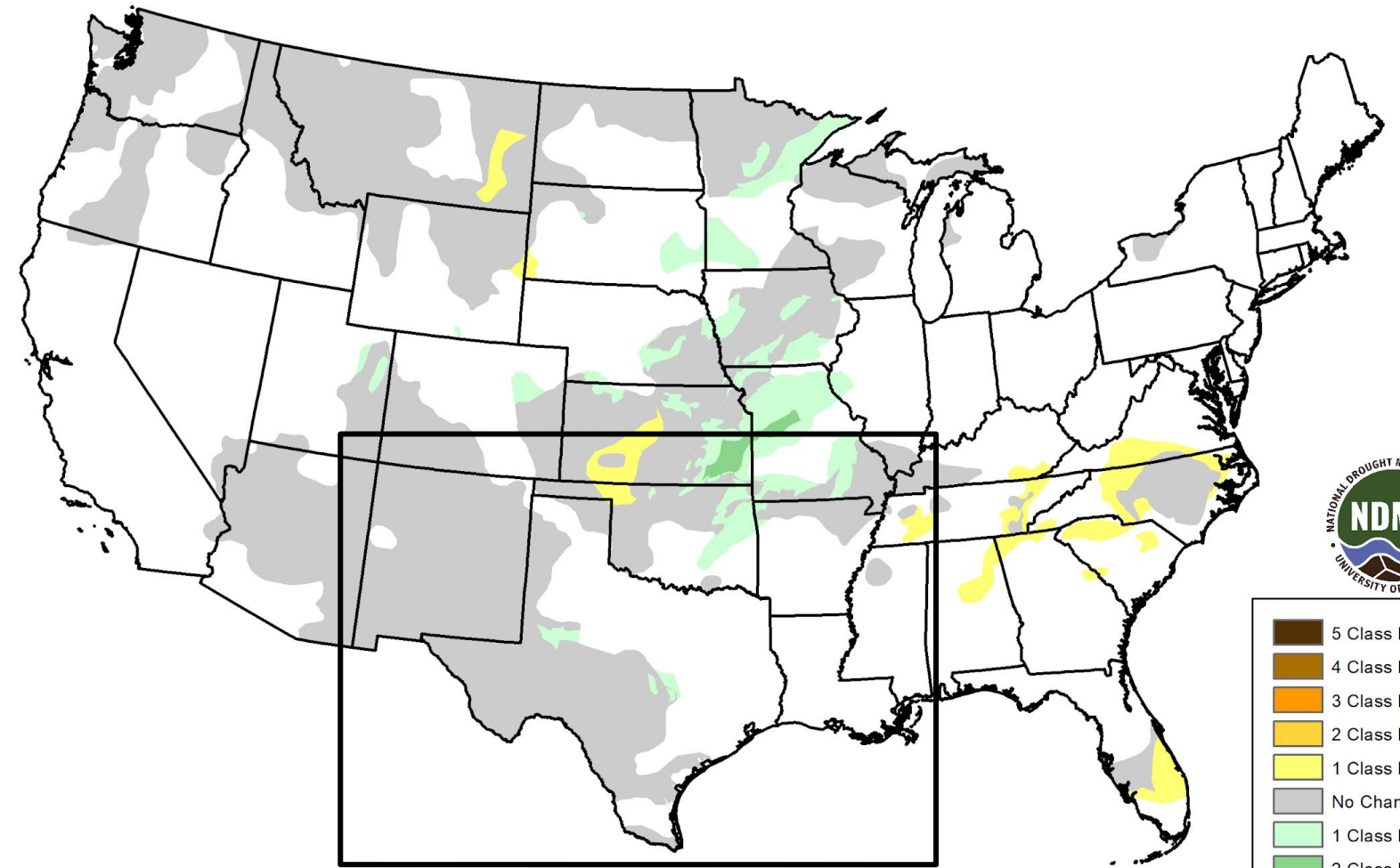
Author:
Curtis Riganti
National Drought Mitigation Center

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>



droughtmonitor.unl.edu

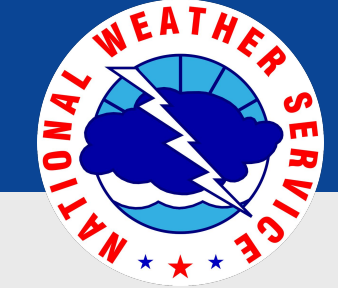
U.S. Drought Monitor Class Change - CONUS 1 Week



April 30, 2024
compared to
April 23, 2024

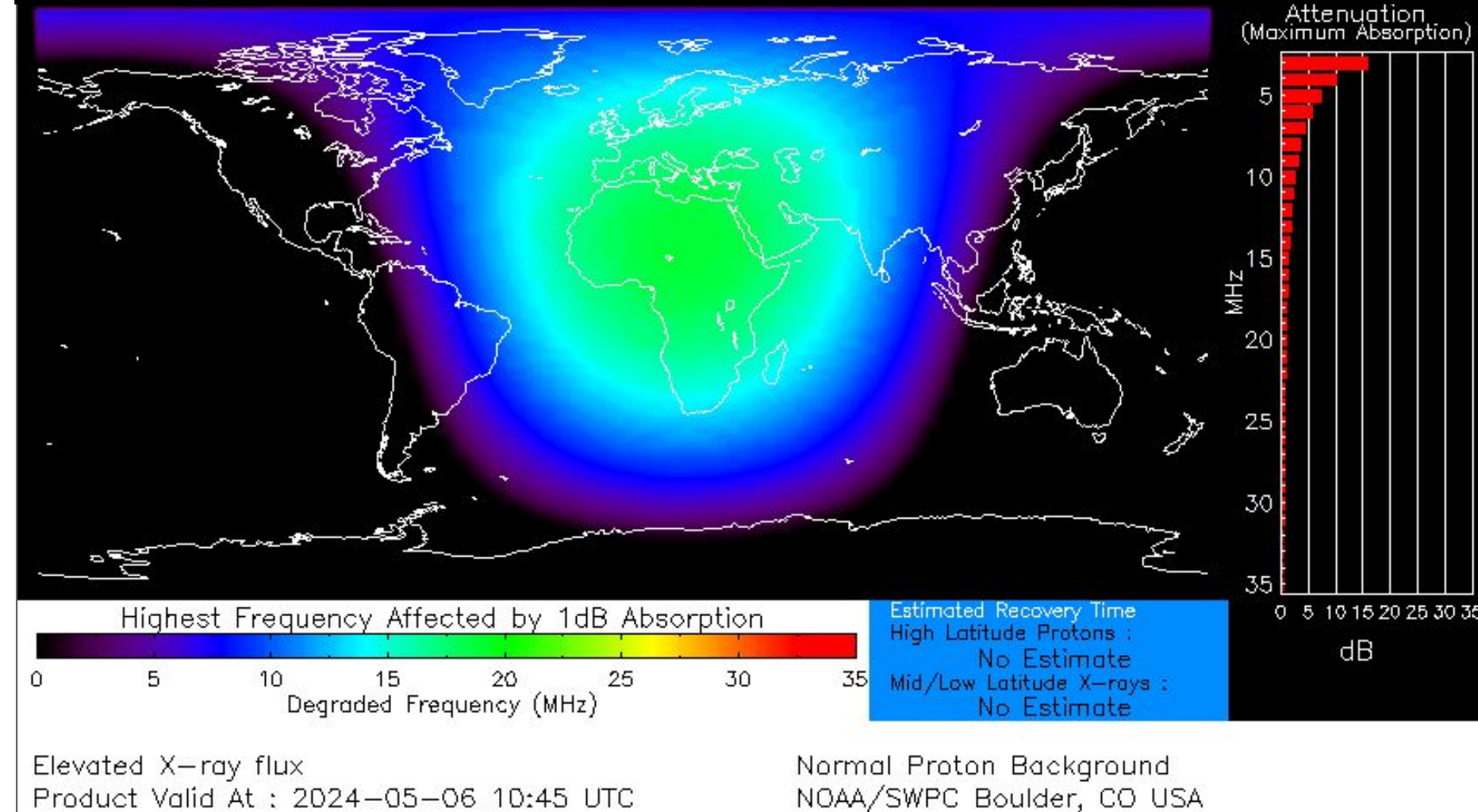
droughtmonitor.unl.edu





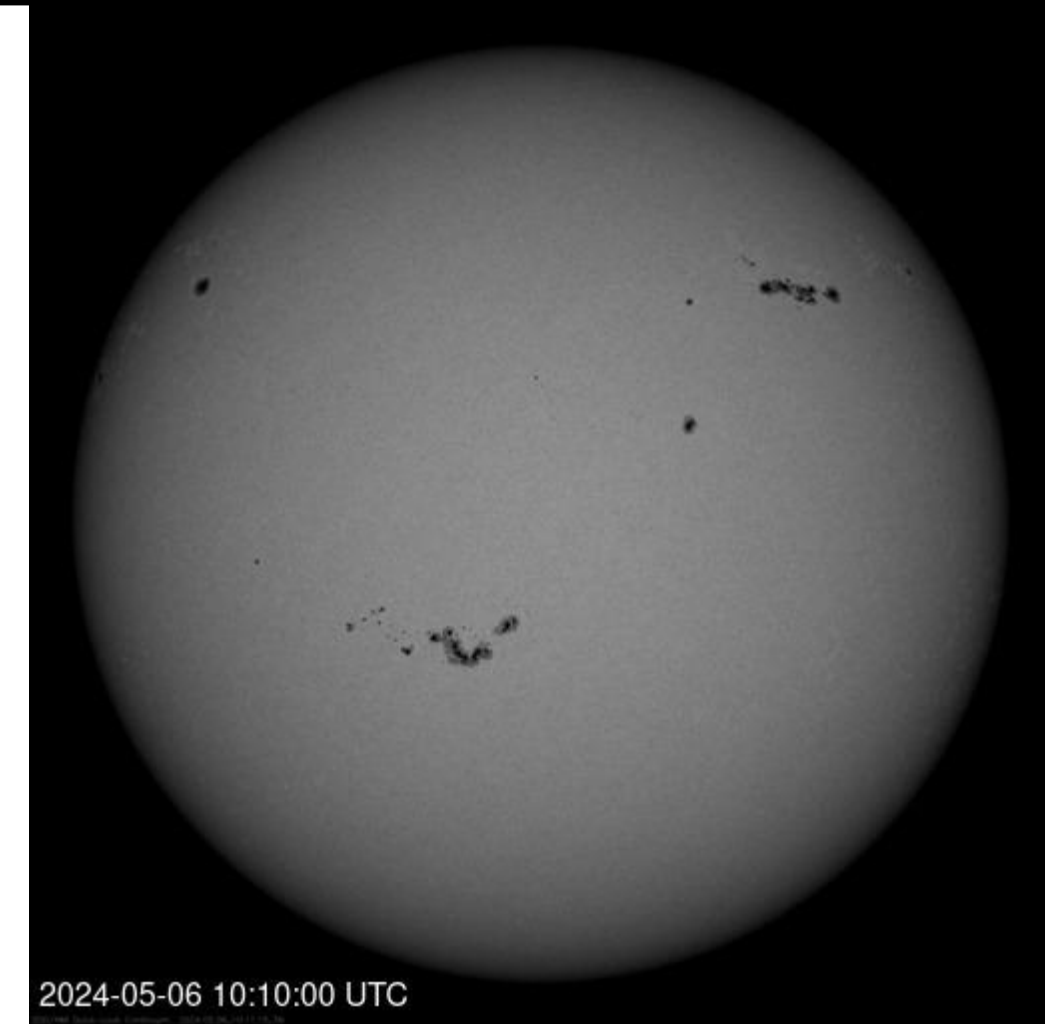
Space Weather 3-Day Forecast

	Monday, May 6	Tuesday, May 7	Wednesday, May 8
Geomagnetic Storms	Active (Max Kp = 4)	Unsettled (Max Kp = 3)	Unsettled (Max Kp = 3)
Solar Radiation Storm (S1-S5)	30%	30%	30%
Radio Blackout (R1-R2)	90%	90%	90%
Radio Blackout (R3-R5)	50%	50%	50%



[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



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Twitter: NWSSouthern



Web: www.weather.gov/srh

