



FEMA



Prepared by
Mark Wiley

FEMA Region 6 Weather Threat Briefing

Monday, April 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.





Summary of the Upcoming Week

- **Marginal risk for severe thunderstorms in NW TX, SW OK on Tuesday and Wednesday.**
- **Slight risk for severe thunderstorms over W OK, NW TX on Thursday and over OK, N TX on Friday.**
- **Elevated to critical fire weather conditions over E/S NM and the wrn portions of the OK/TX Panhandles, W TX on Thursday and Friday.**
- **Minor with isolated moderate river flooding in S AR, NE/E TX and LA with impacts to secondary roads, agricultural, recreational areas.**



FEMA Region 6 Threat Matrix

Next 5 Days

	Monday, Apr 22	Tuesday, Apr 23	Wednesday, Apr 24	Thursday, Apr 25	Friday, Apr 26
Severe Storms		SW OK, NWTX	W OK, NWTX	W OK, NWTX	OK, NTX
Heavy Rain / Flash Flooding					
Fire Weather				E/S NM, WTX/OK Panhandles, WTX	E/S NM, WTX/OK Panhandles, WTX
Wind					
Heat					
River Flooding	SAR, NE/ETX, LA	SAR, NE/ETX, LA	SAR, NE/ETX, LA	SAR, NE/ETX, LA	SAR, NE/ETX, LA

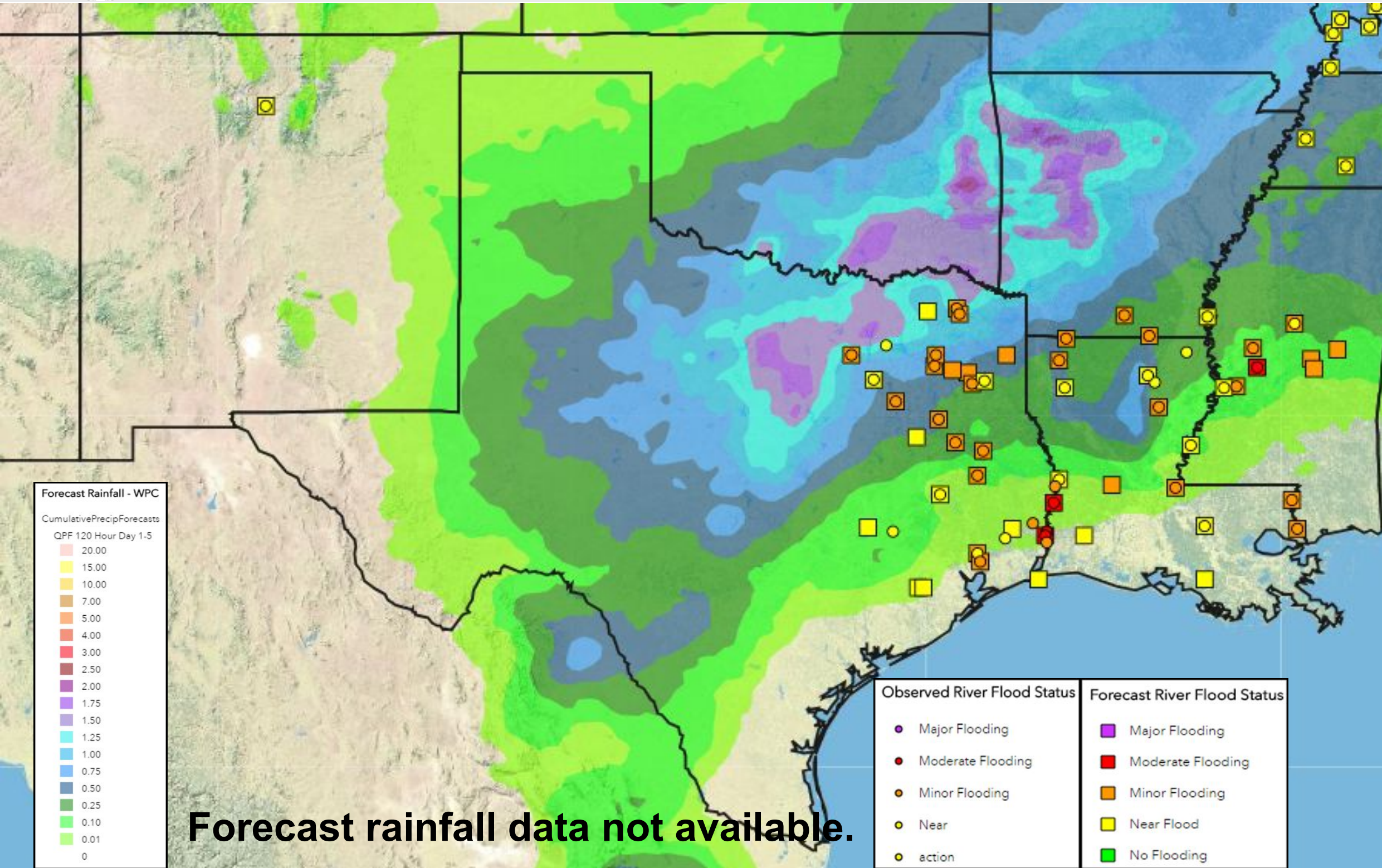
**Threat levels are based on FEMA Region 6 criteria.
State or local threat level criteria may differ.*
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

Risk Levels	Little to None	Minor	Moderate	Major	Extreme
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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

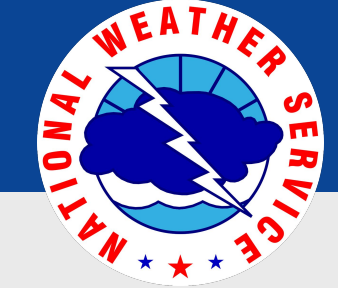


Forecast rainfall data not available.

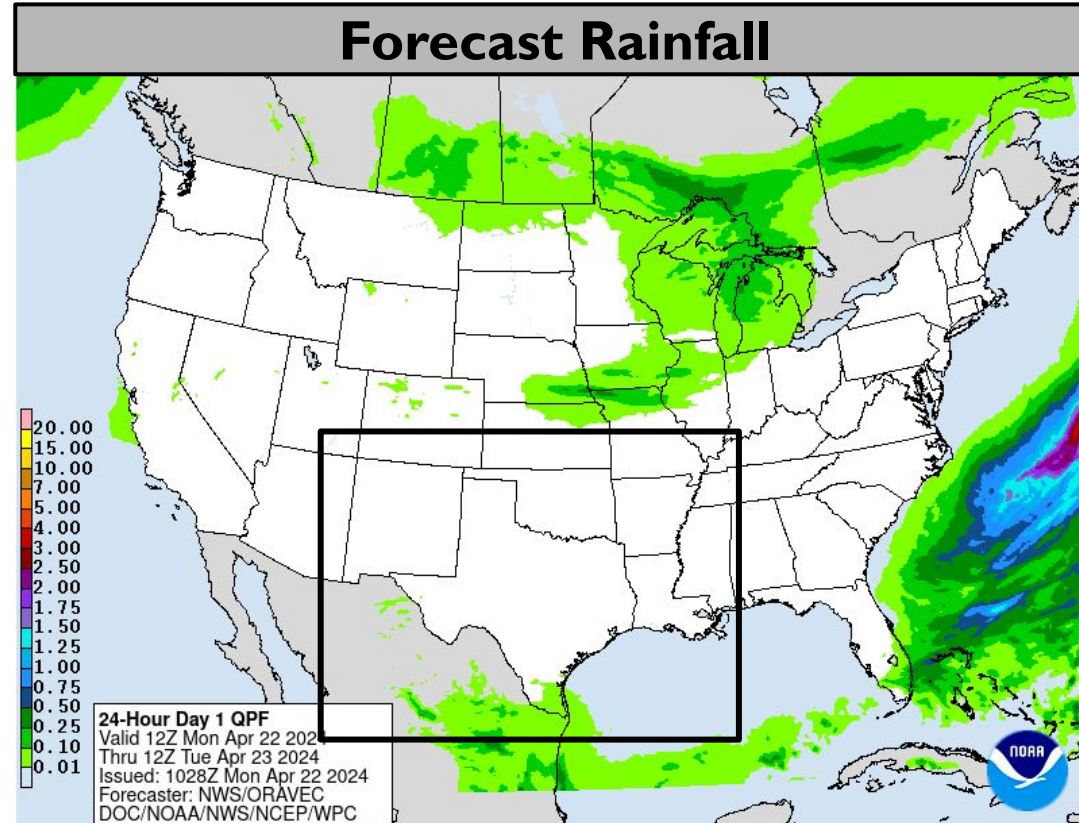
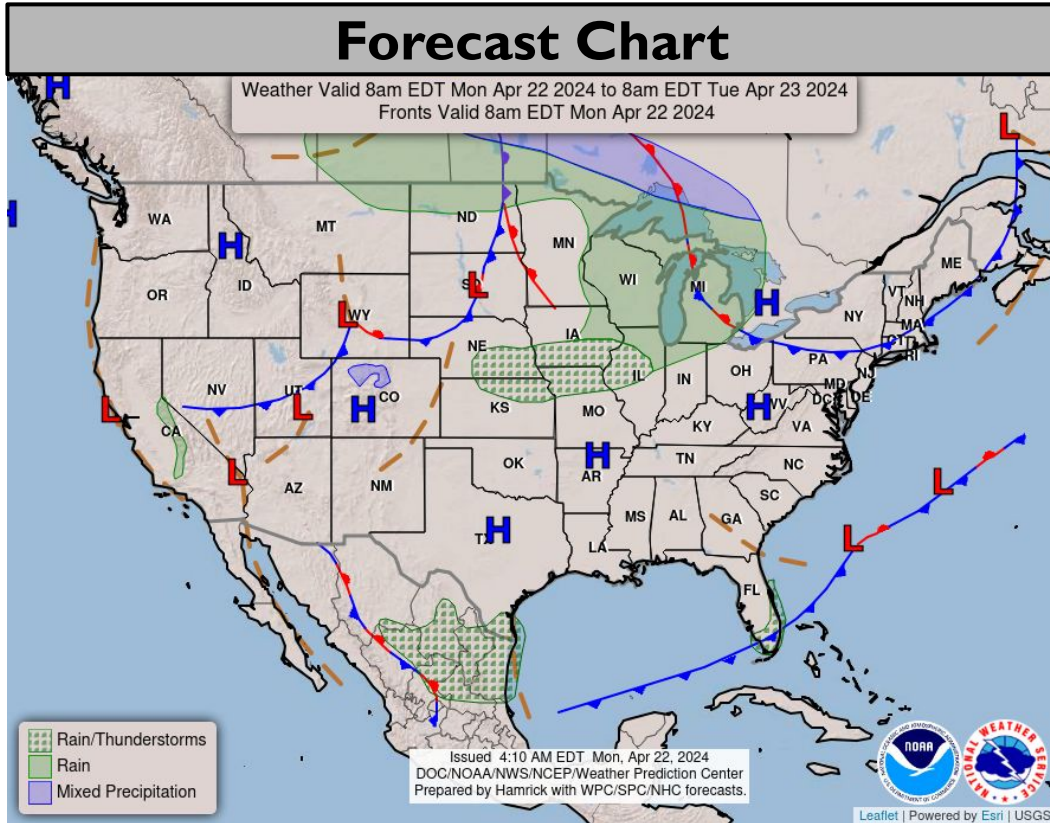
Widespread minor and isolated moderate river flooding in S AR, NE/ETX, LA.

Impacts to secondary roads, agricultural, recreational areas.

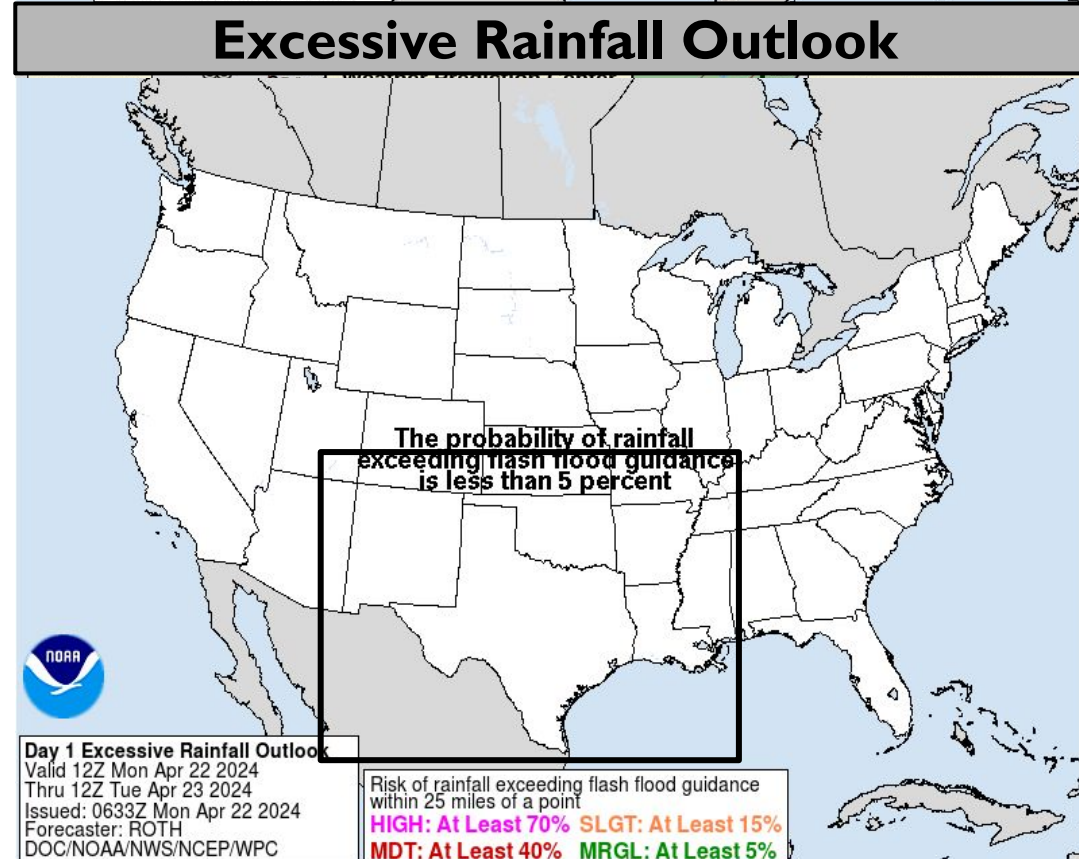
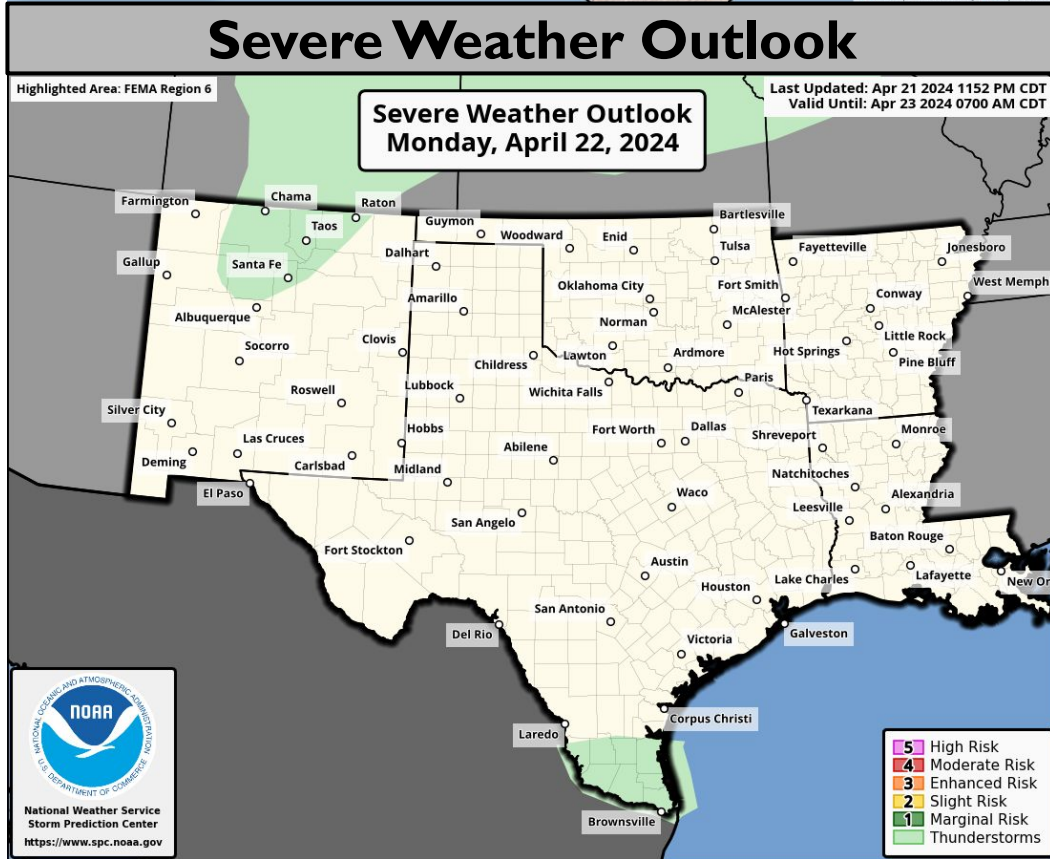




Today's Weather



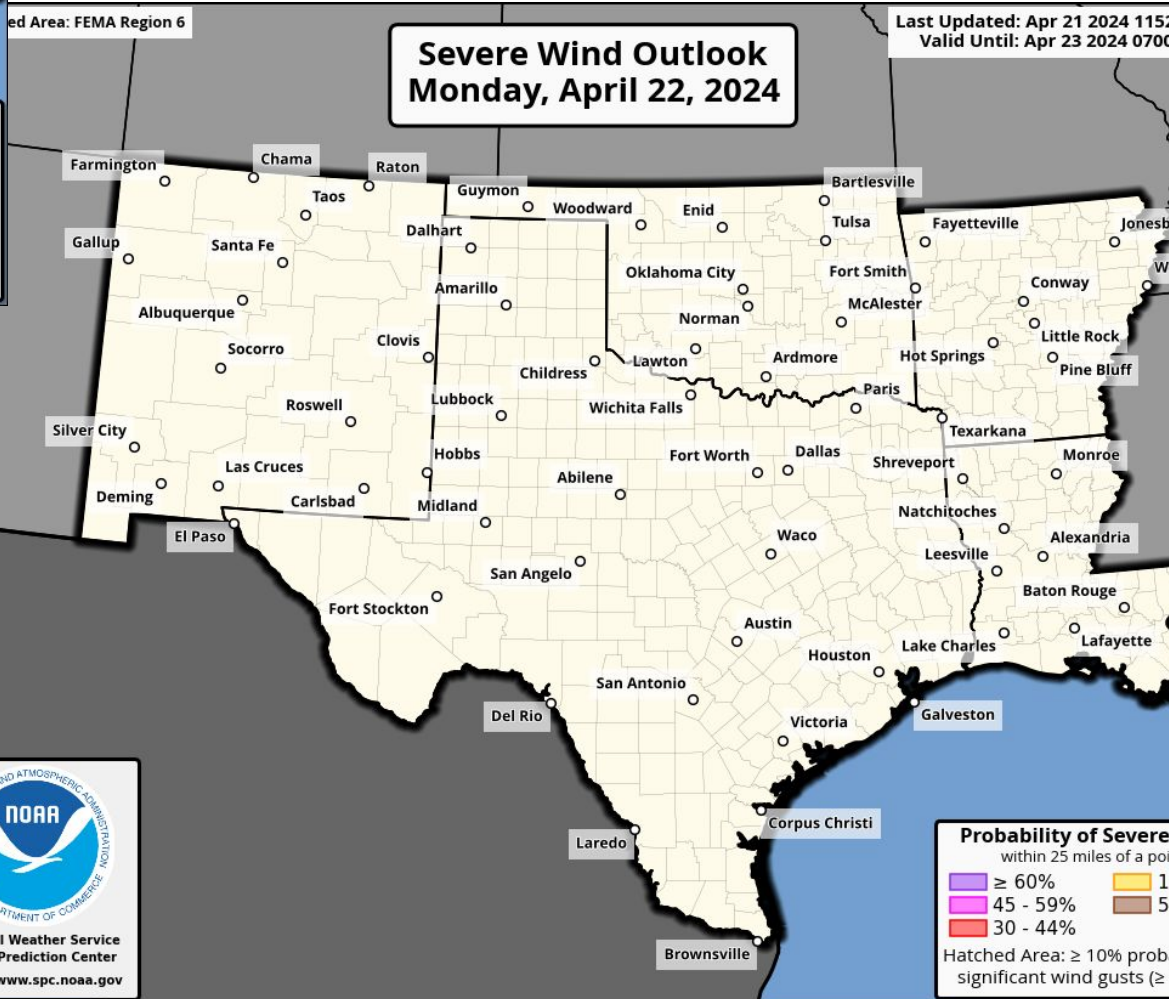
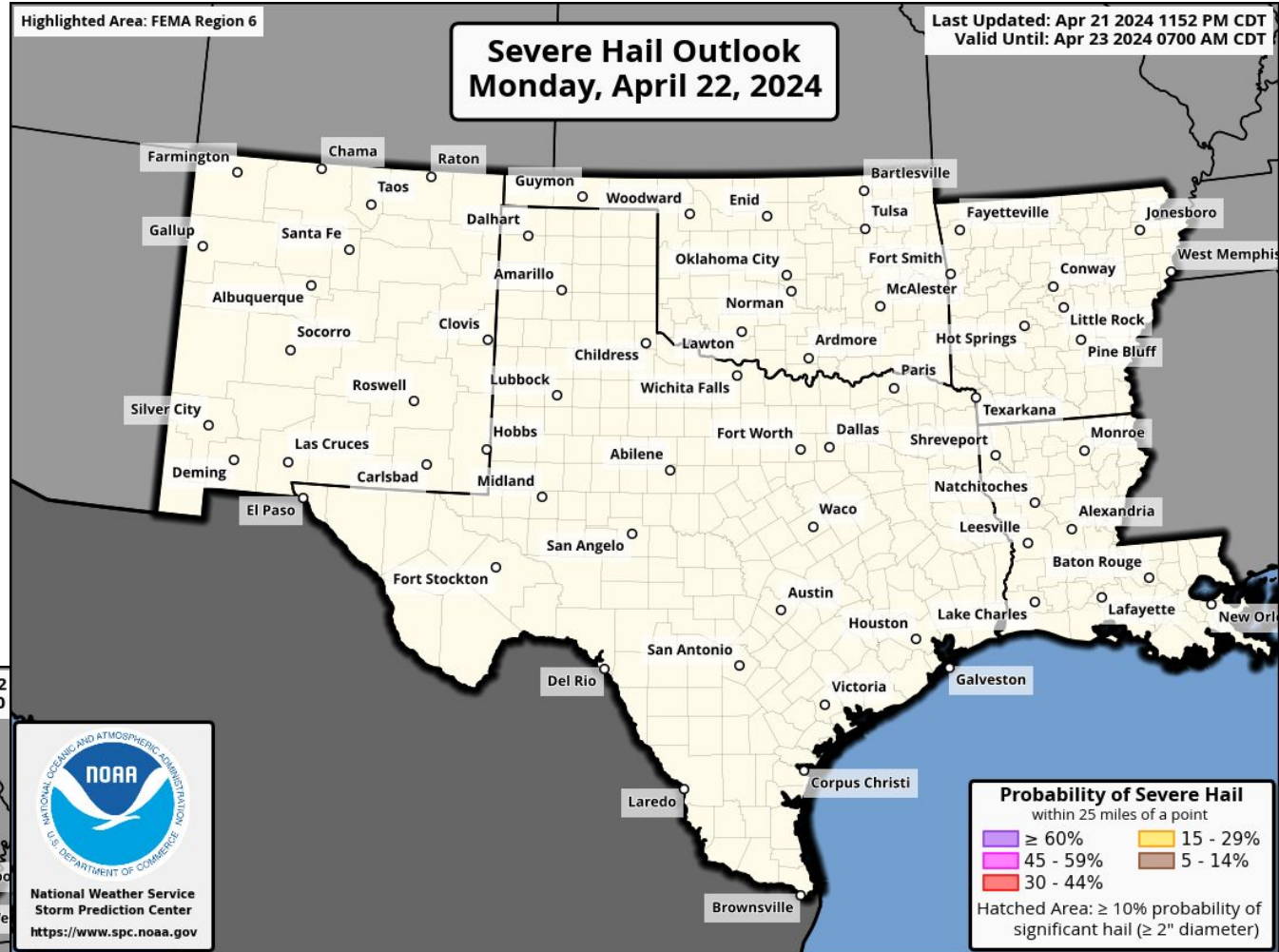
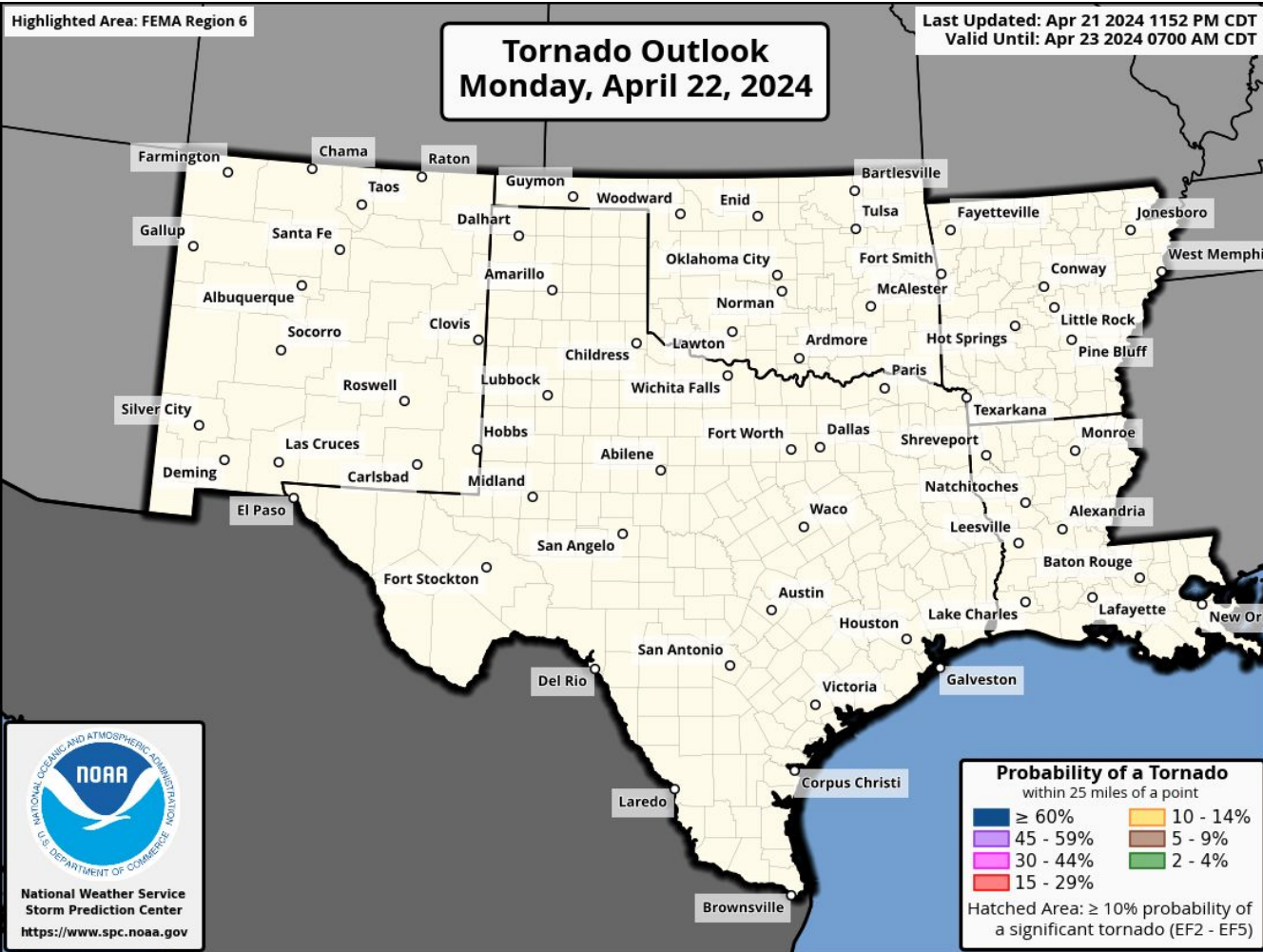
No significant weather expected.





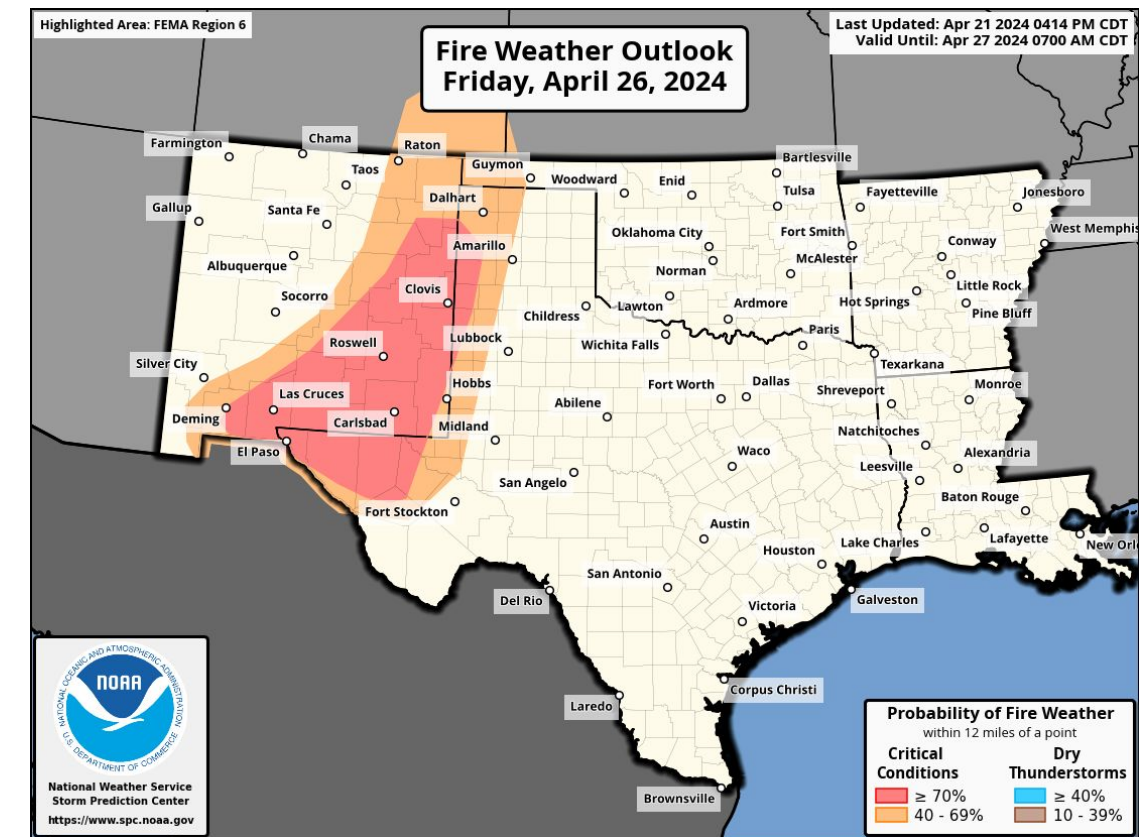
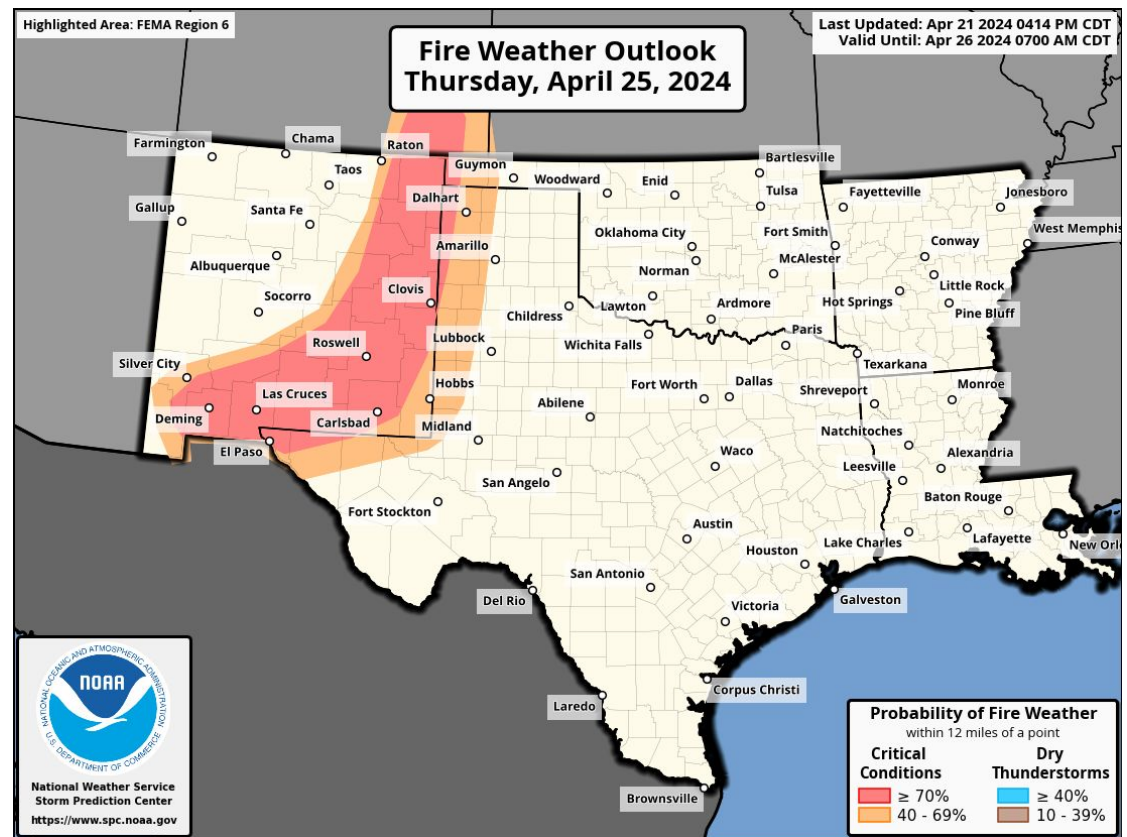
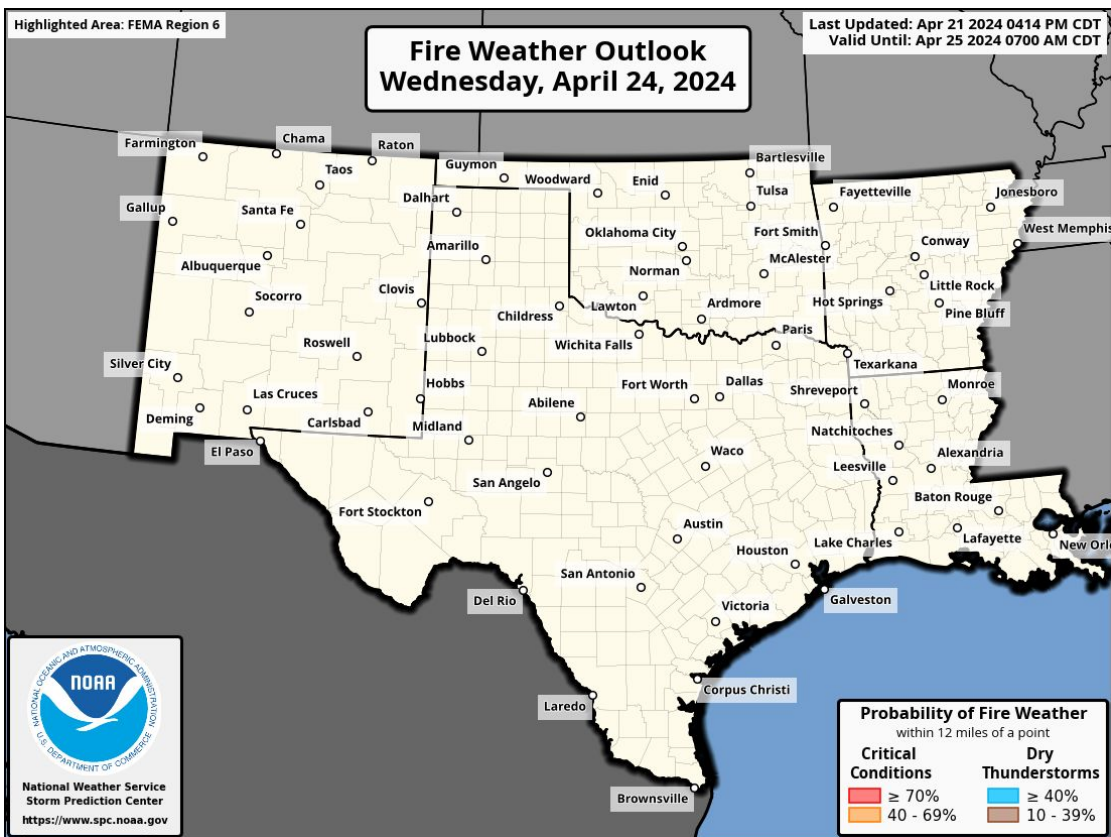
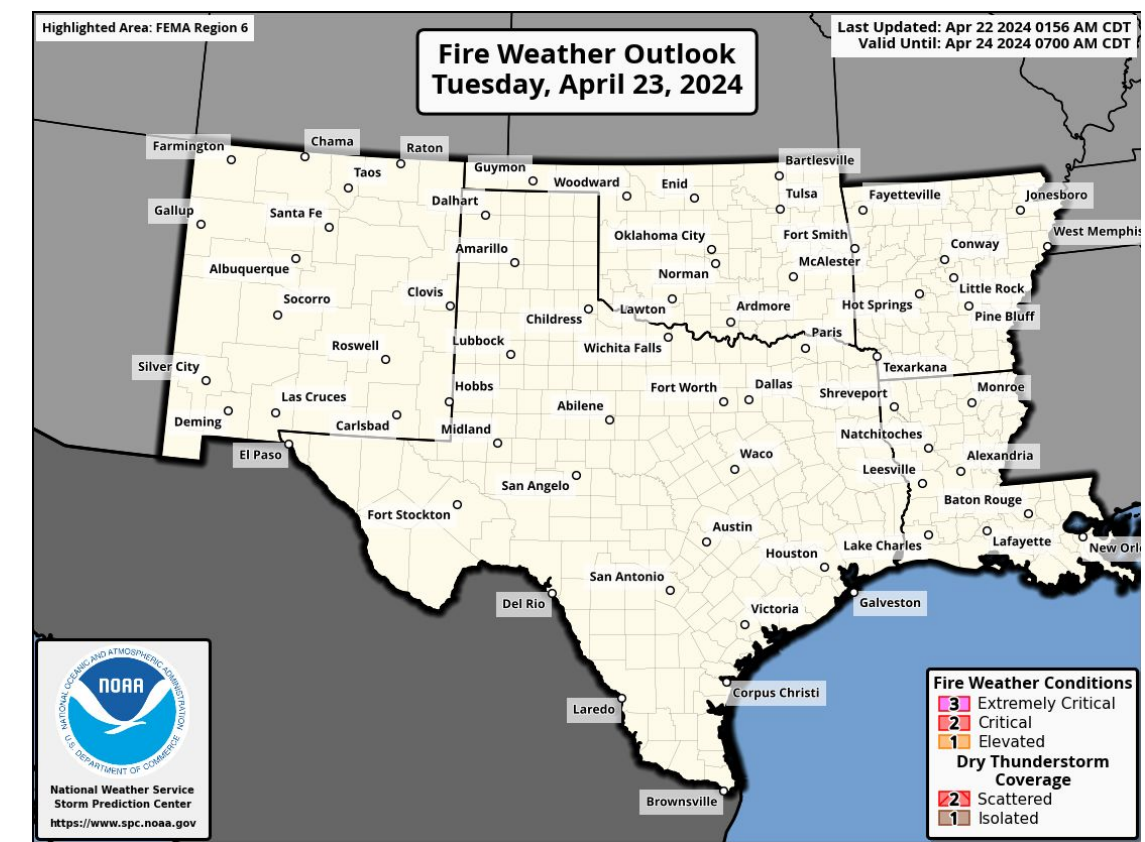
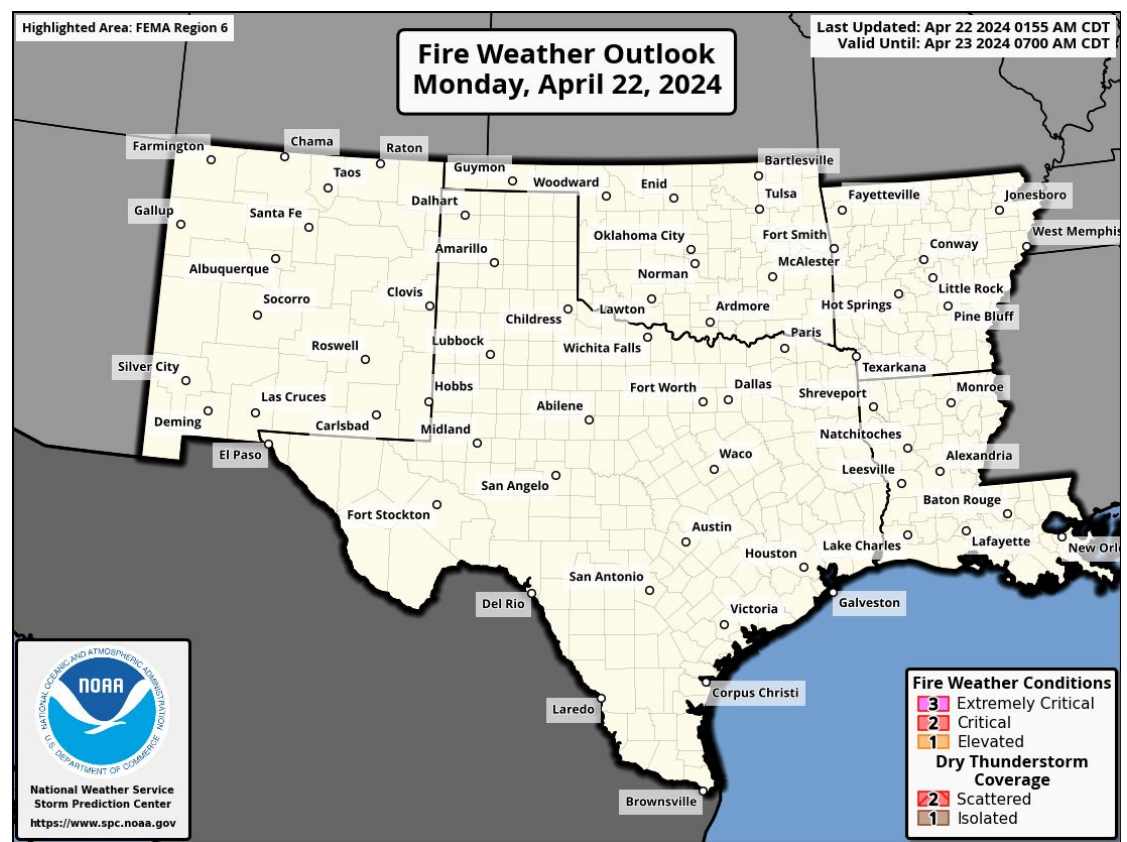
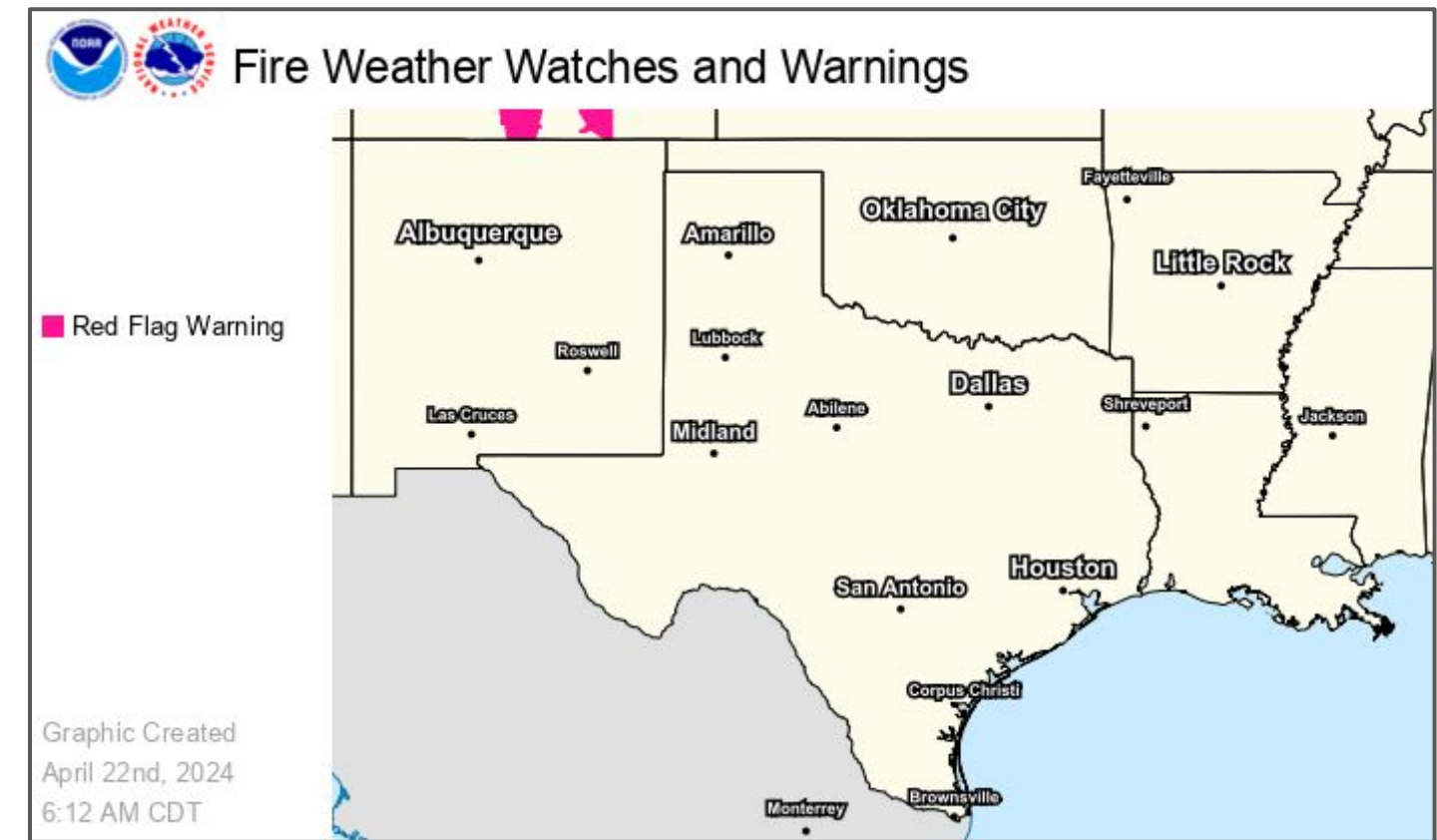
Today's Tornado & Severe Wind / Hail Probabilities

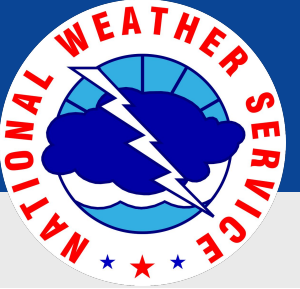
April 22, 2024





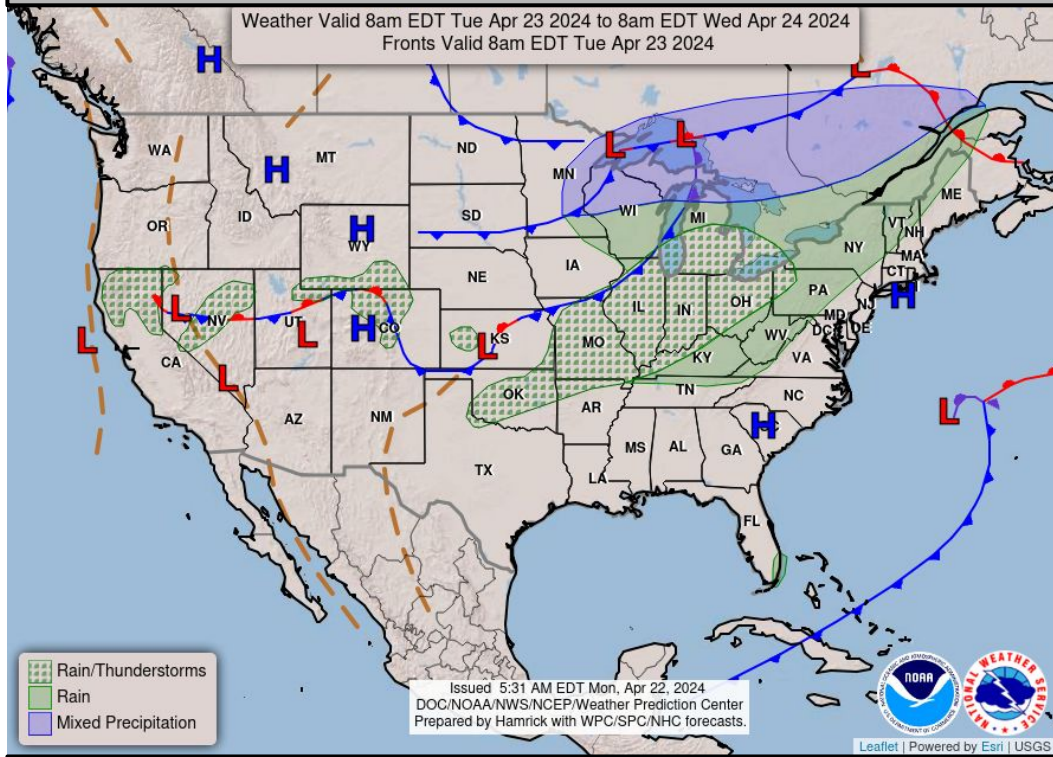
Fire Weather Outlooks



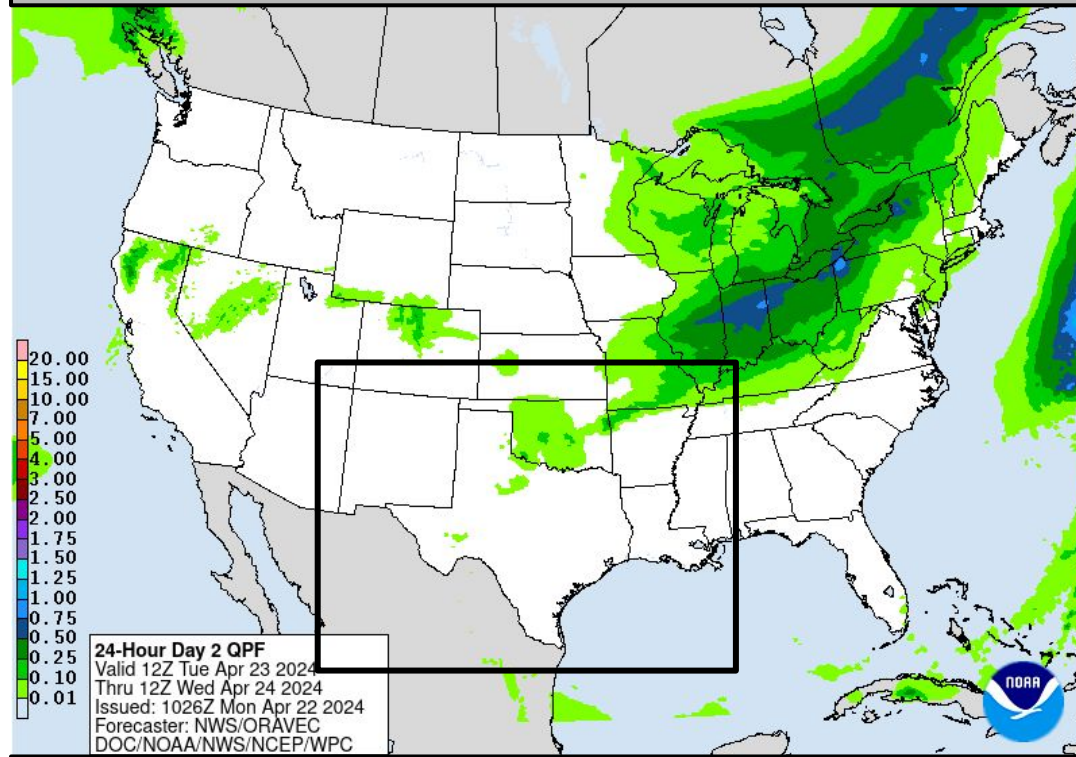


Tomorrow's Weather

Forecast Chart

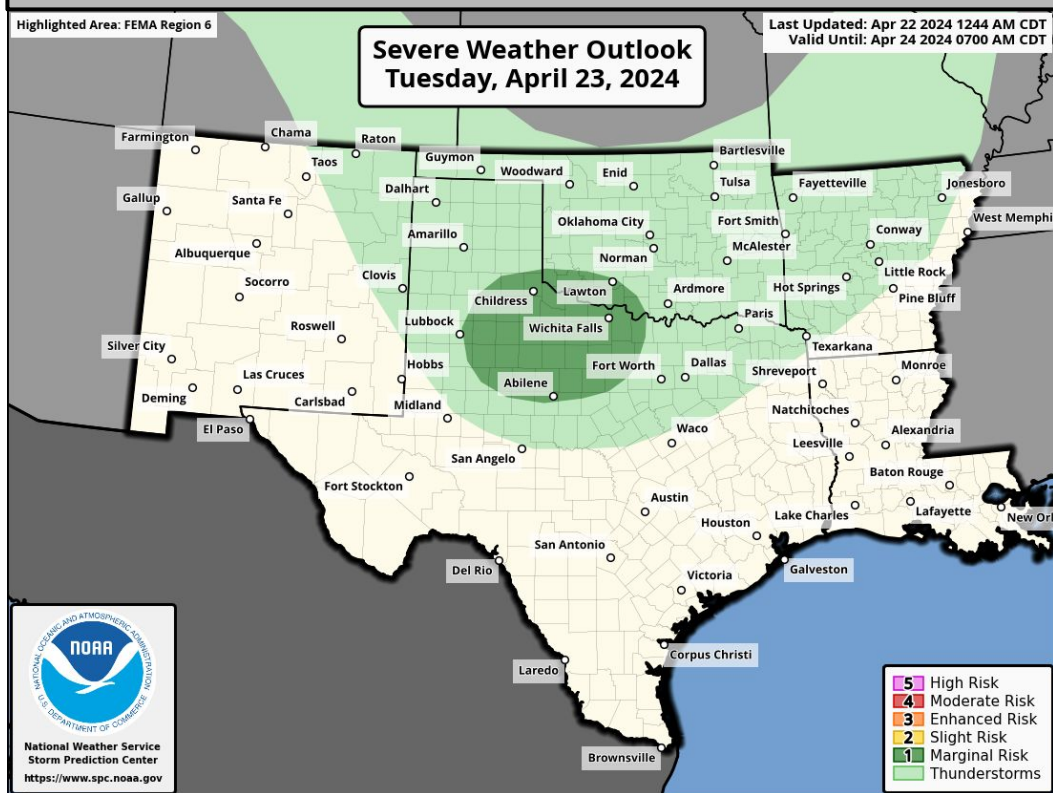


Forecast Rainfall

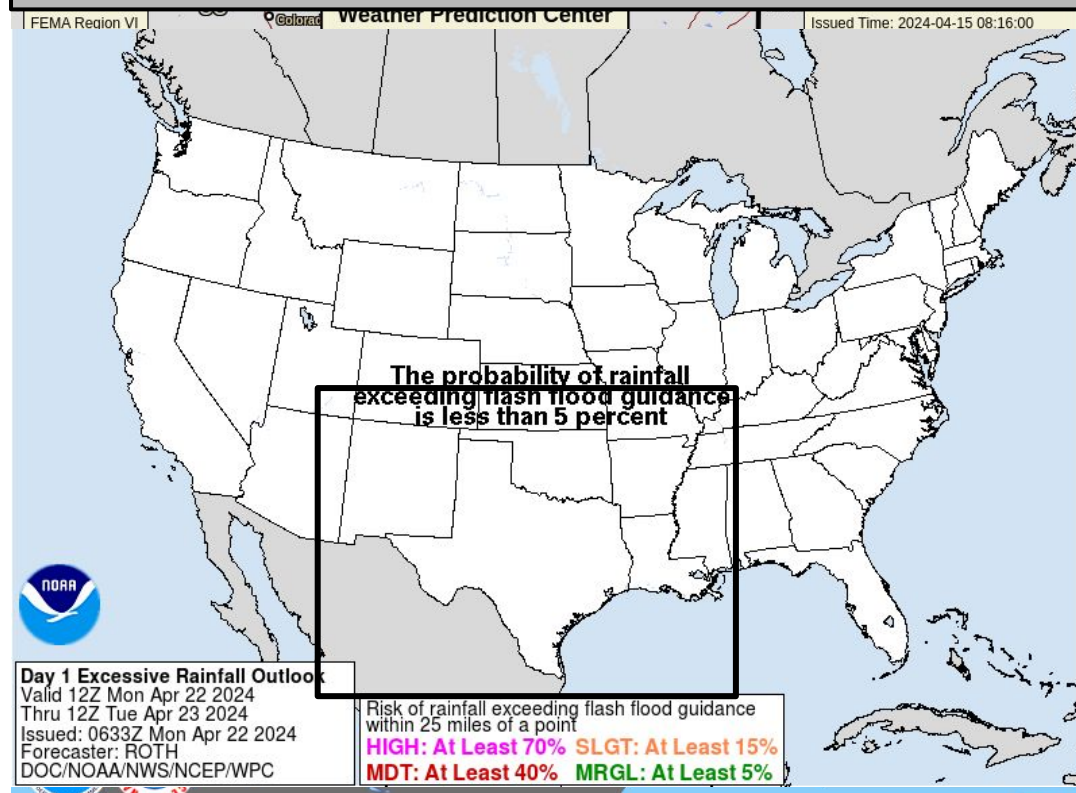


Marginal risk of severe storms over SW OK and NWTX

Severe Weather Outlook

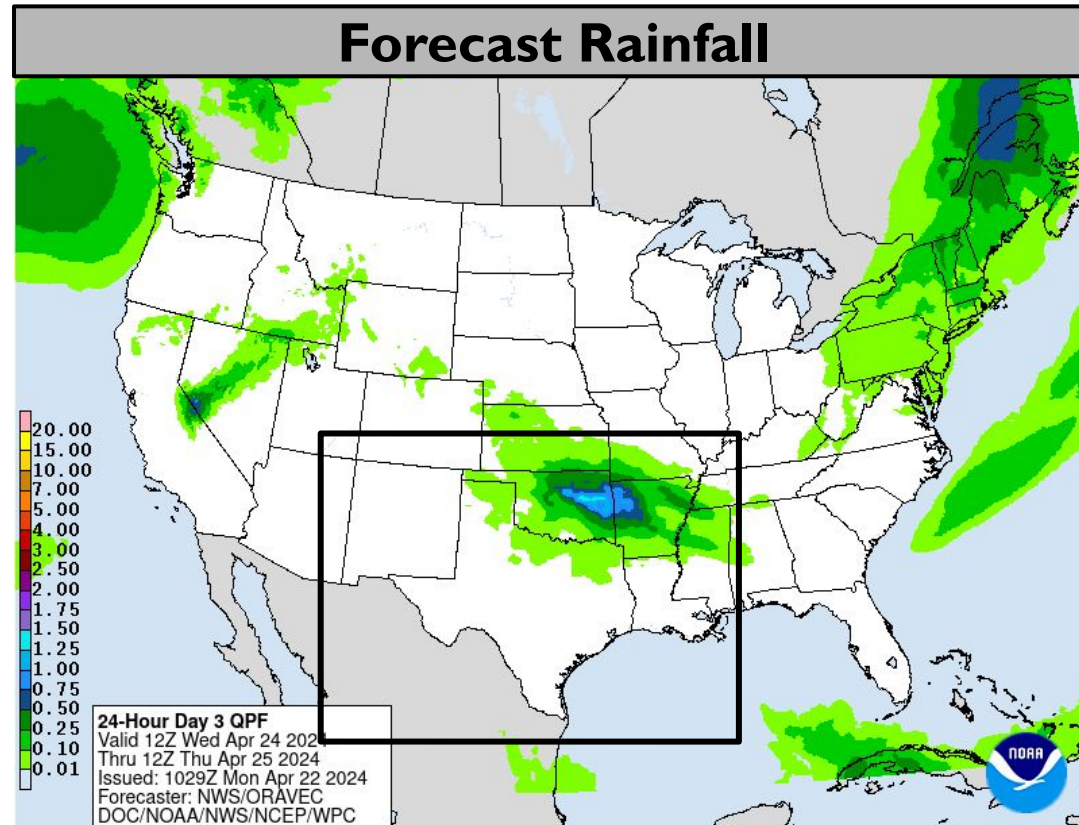
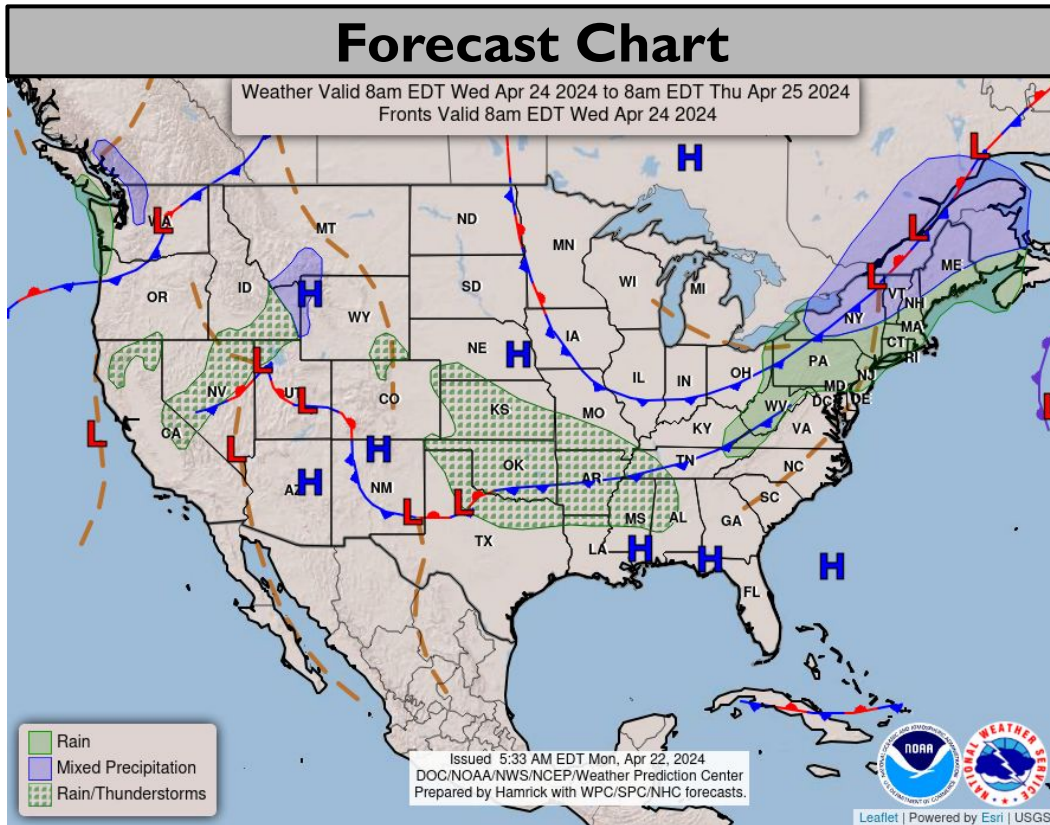


Excessive Rainfall Outlook

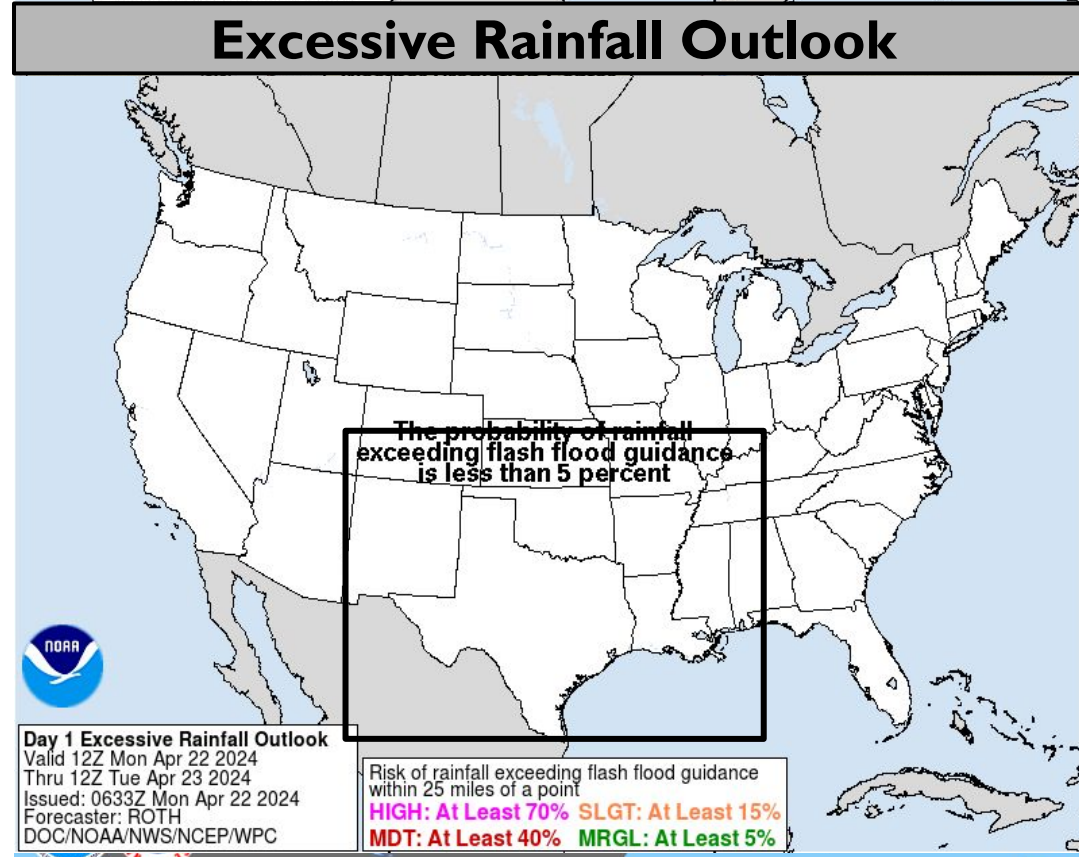
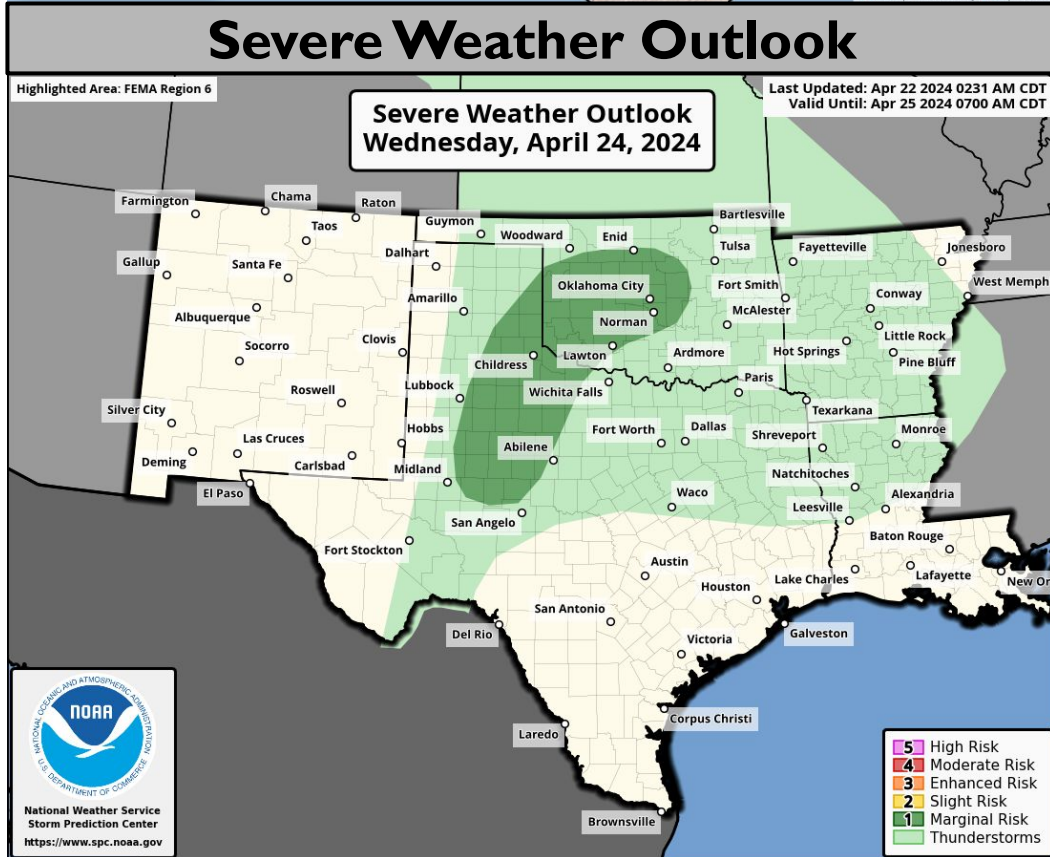




Wednesday's Weather



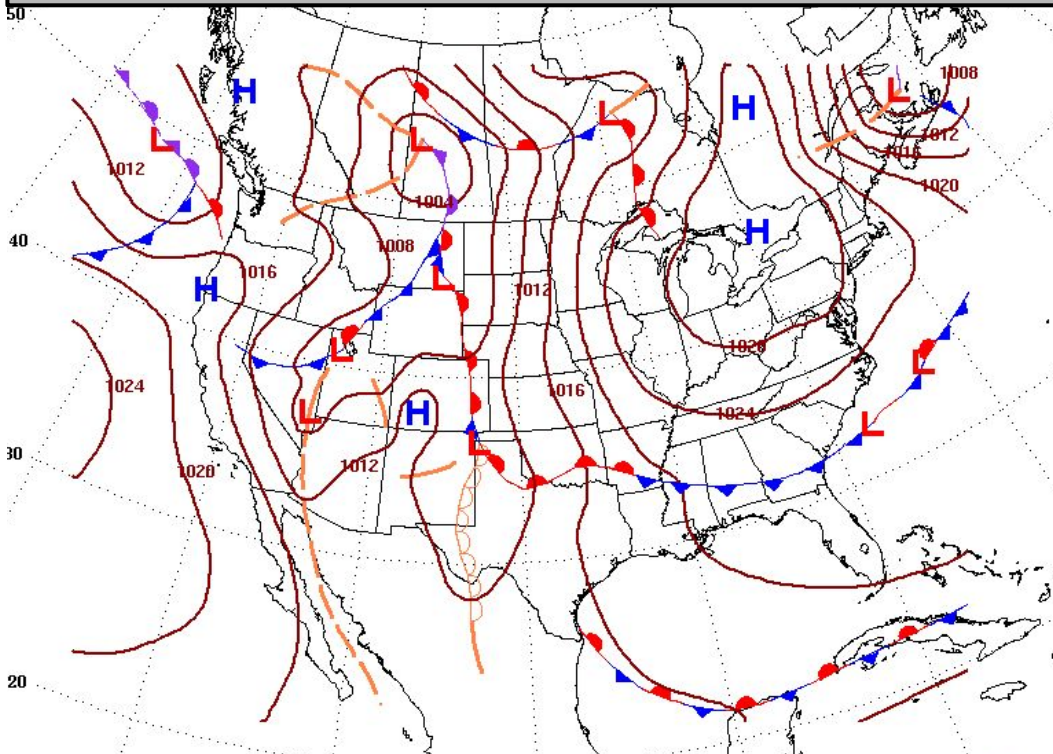
**Marginal risk for severe storms
over W OK into NWTX**



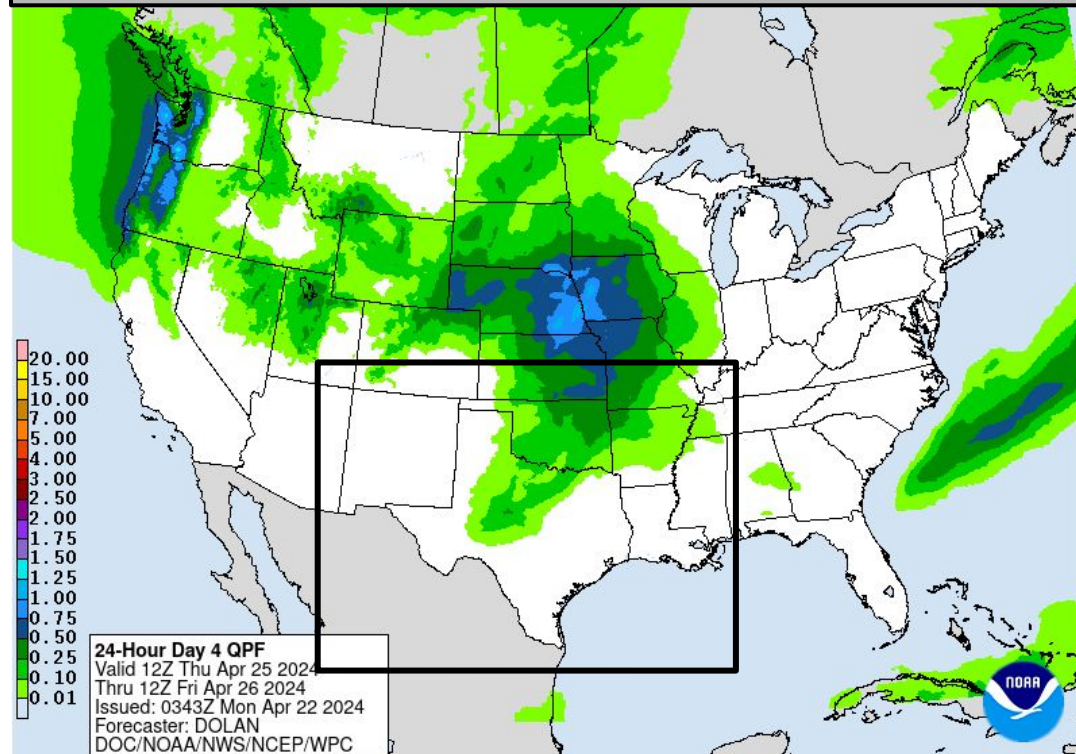


Thursday's Weather

Forecast Chart

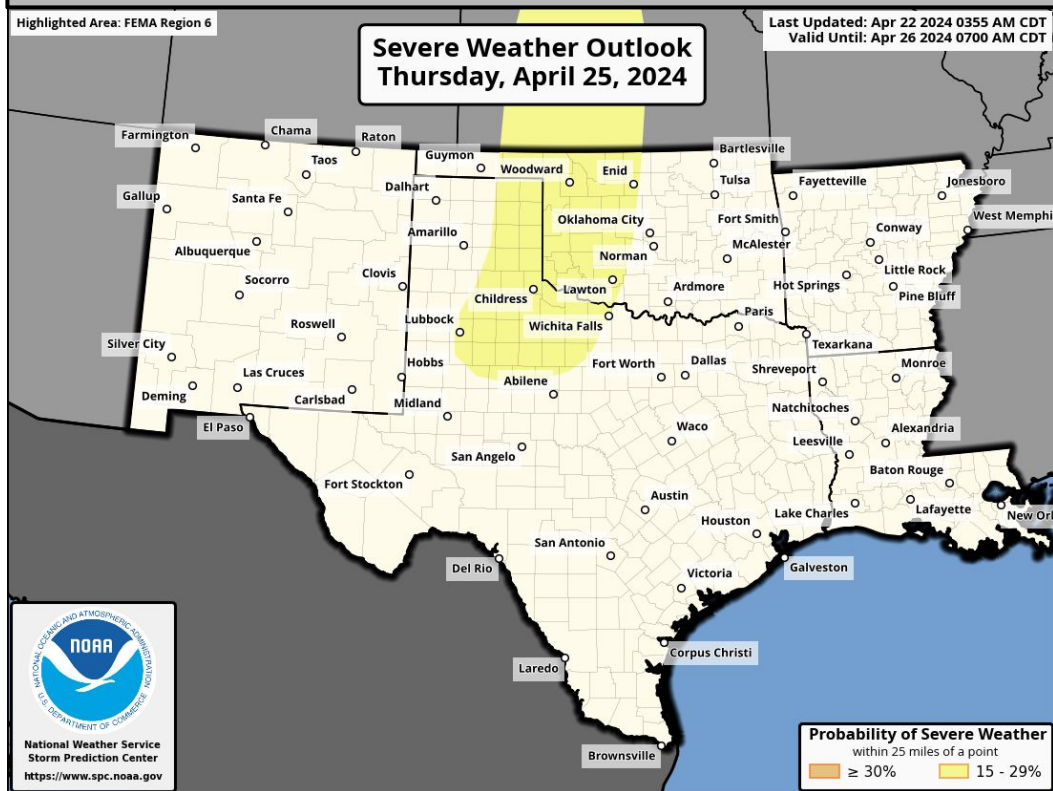


Forecast Rainfall

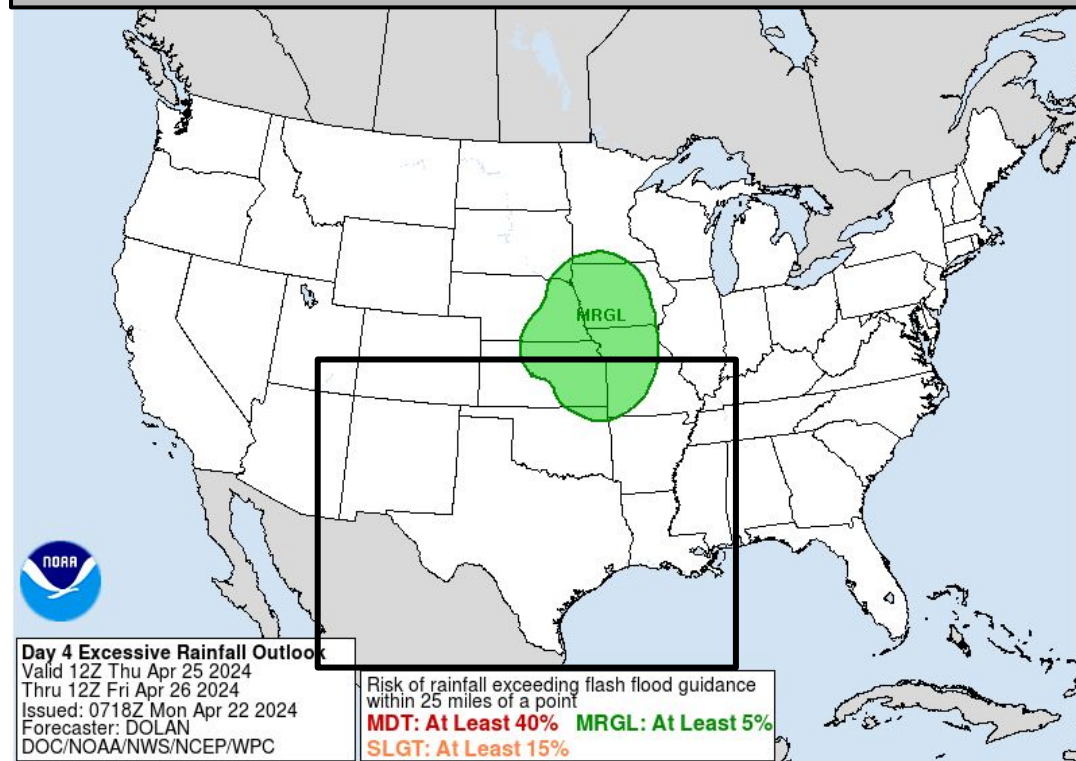


**Slight risk for severe storms over
W OK into NWTX**

Severe Weather Outlook



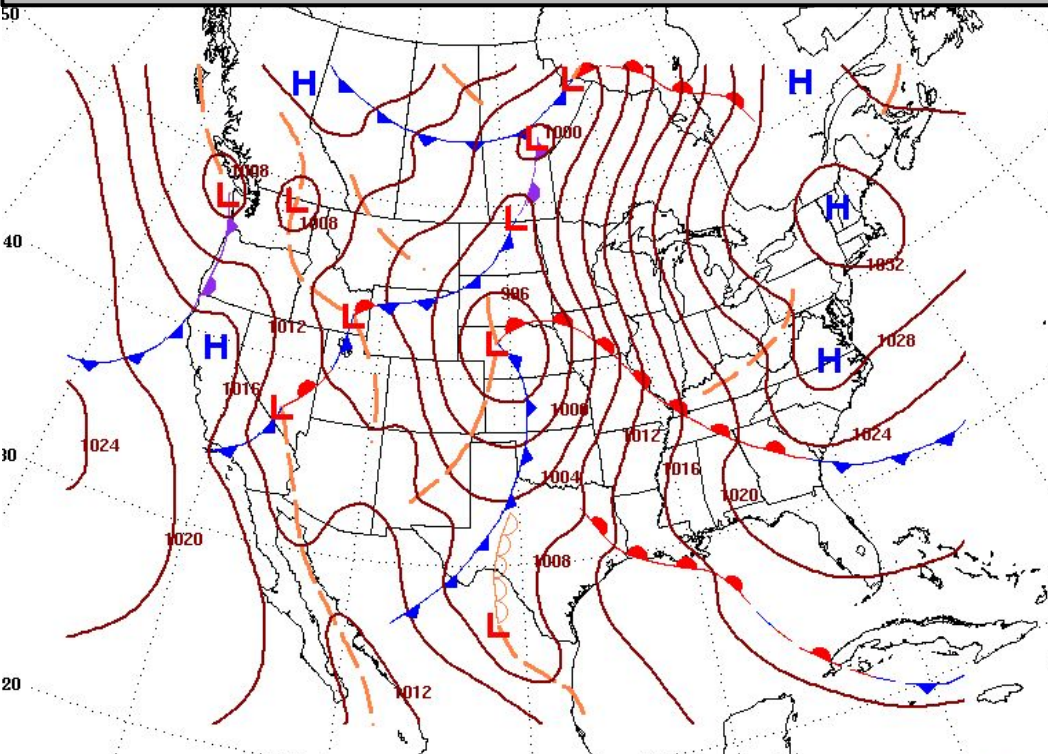
Excessive Rainfall Outlook



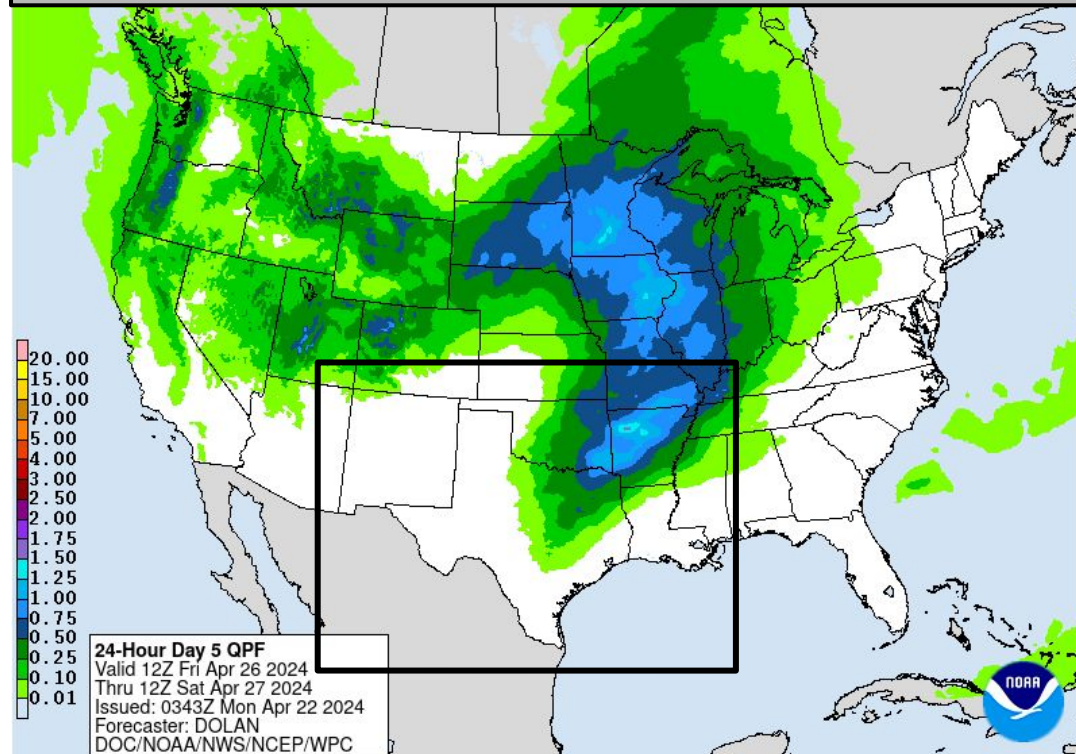


Friday's Weather

Forecast Chart

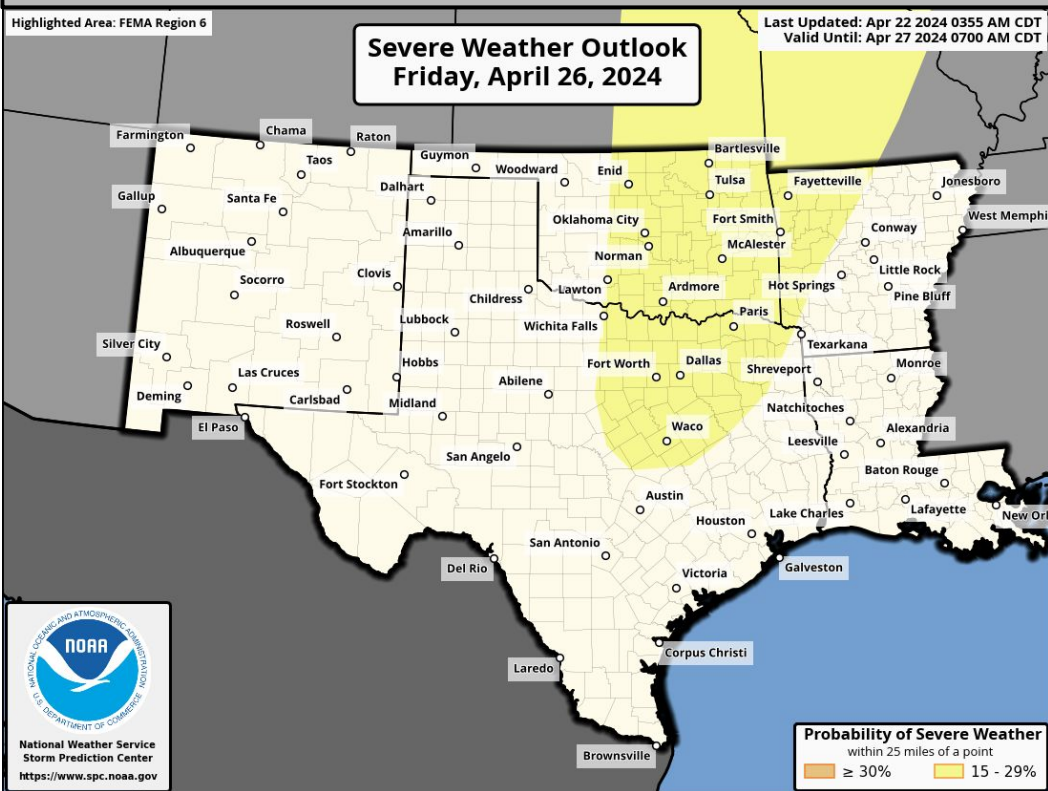


Forecast Rainfall

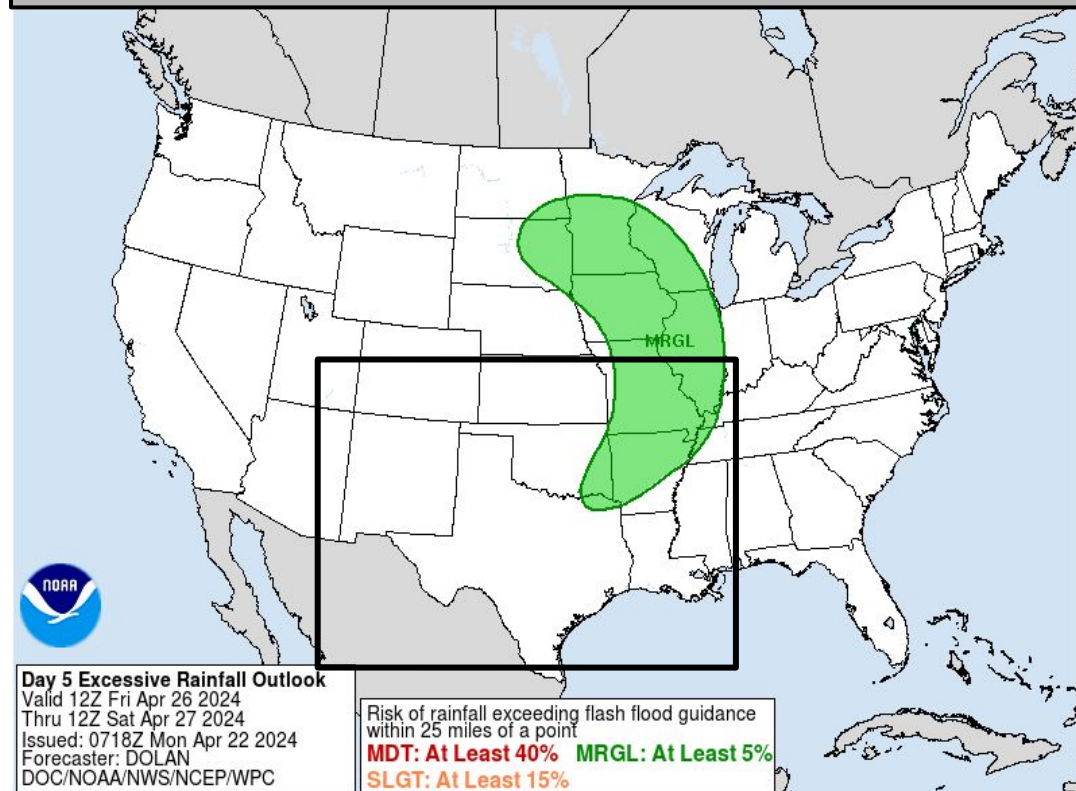


**Slight risk for severe storms over
OK into NTX**

Severe Weather Outlook



Excessive Rainfall Outlook

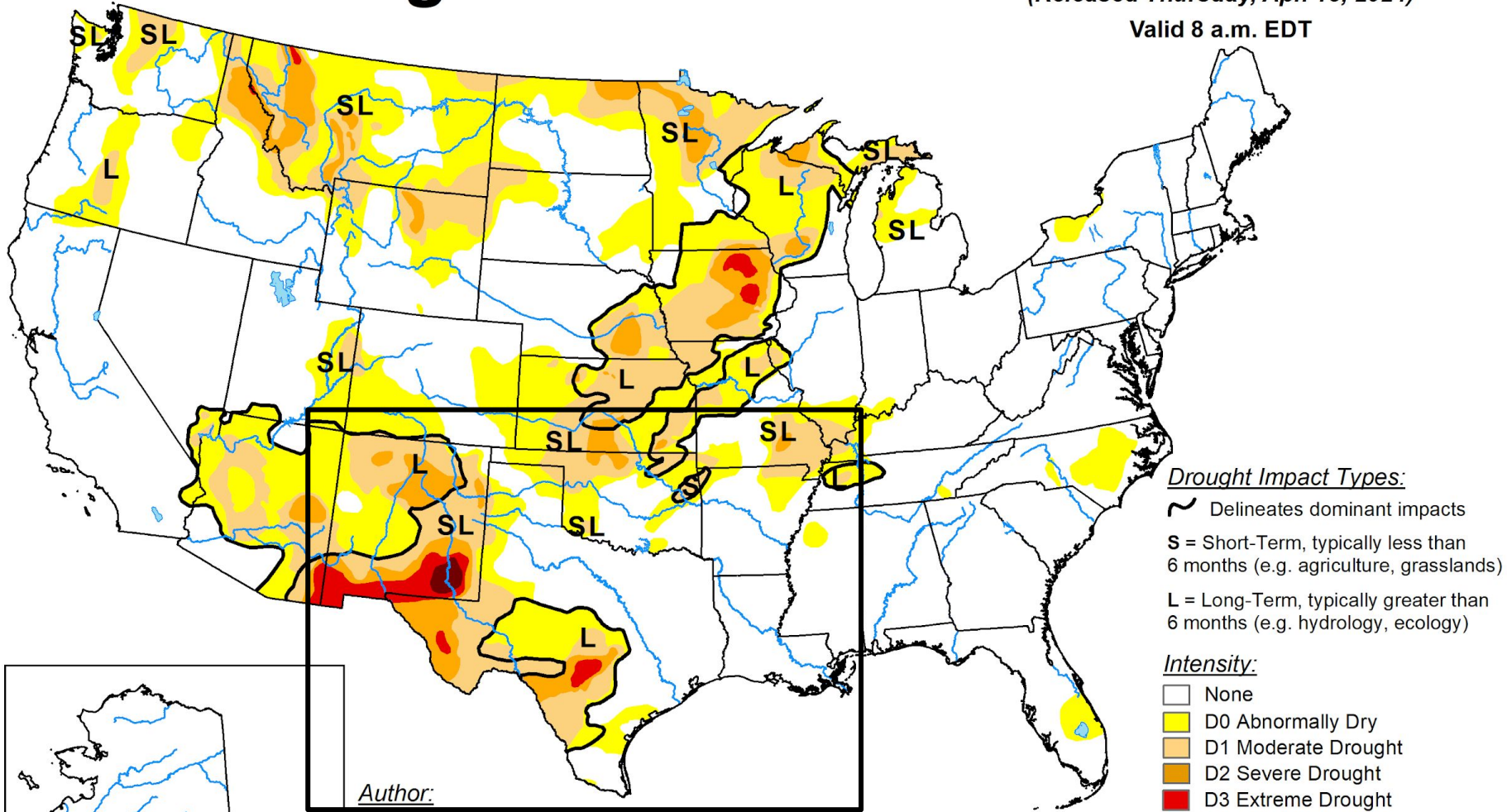




Drought Monitor

U.S. Drought Monitor

April 16, 2024
(Released Thursday, Apr. 18, 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

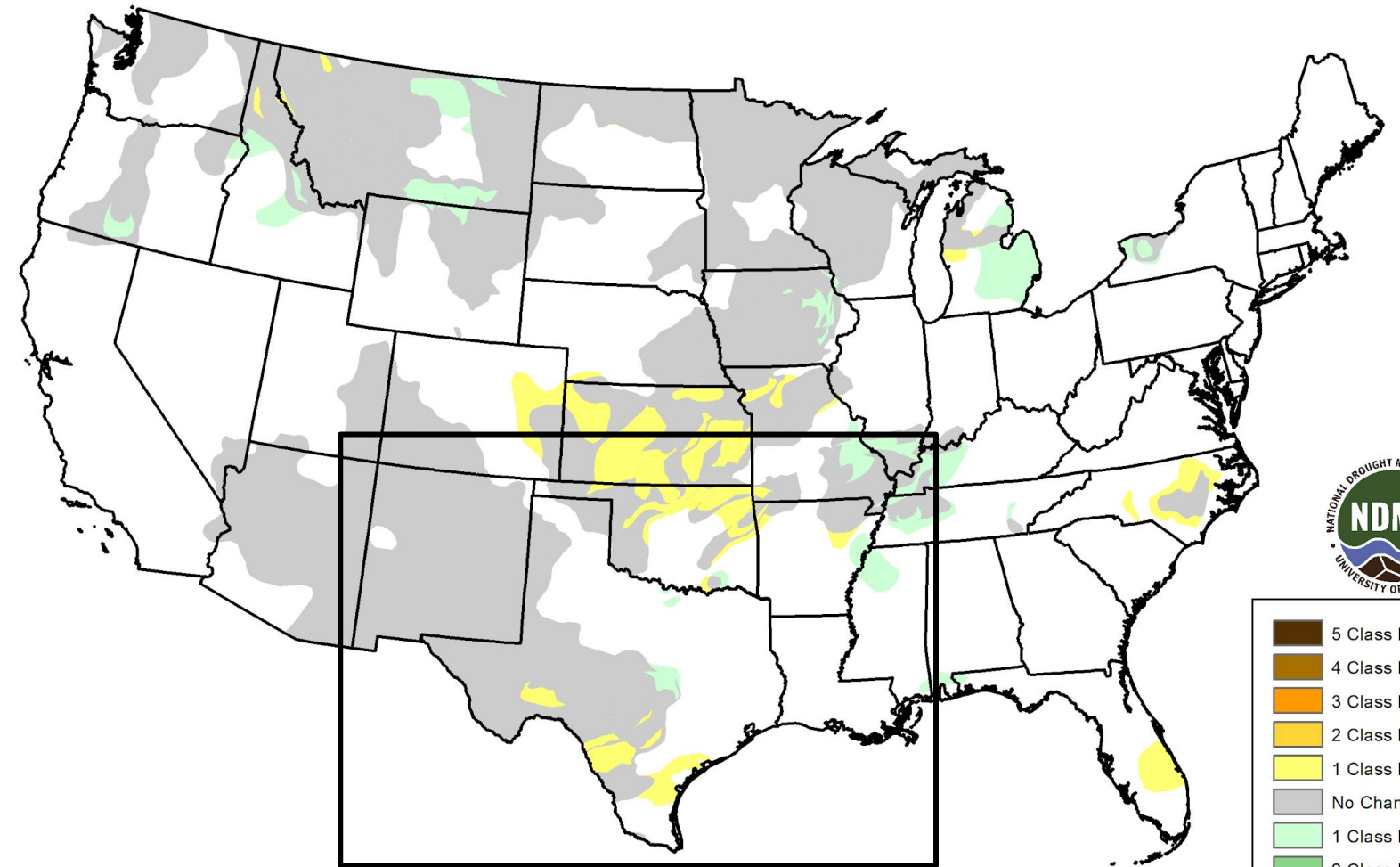
Author:
Lindsay Johnson
National Drought Mitigation Center

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>



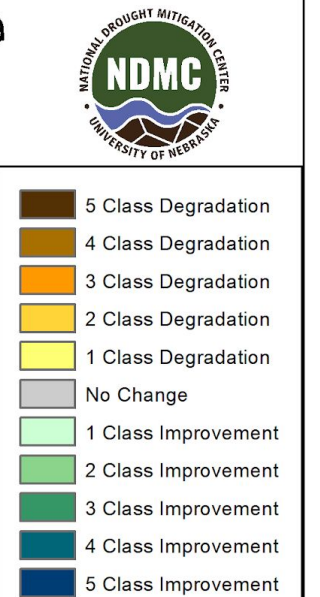
droughtmonitor.unl.edu

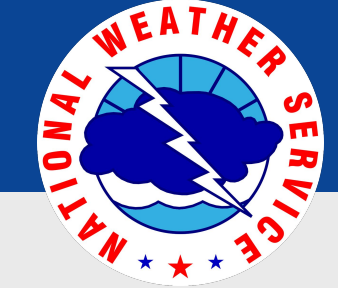
U.S. Drought Monitor Class Change - CONUS 1 Week



April 16, 2024
compared to
April 9, 2024

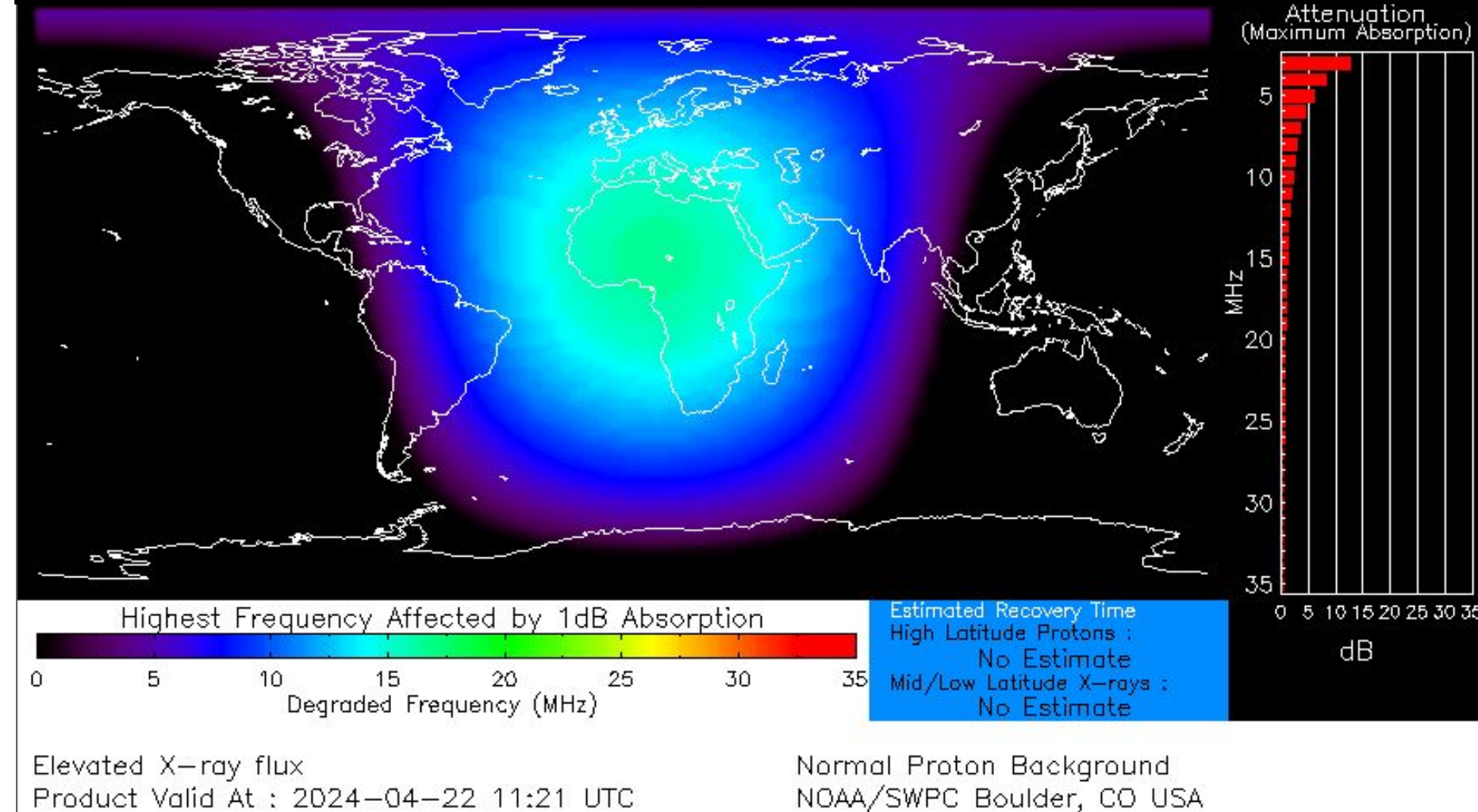
droughtmonitor.unl.edu





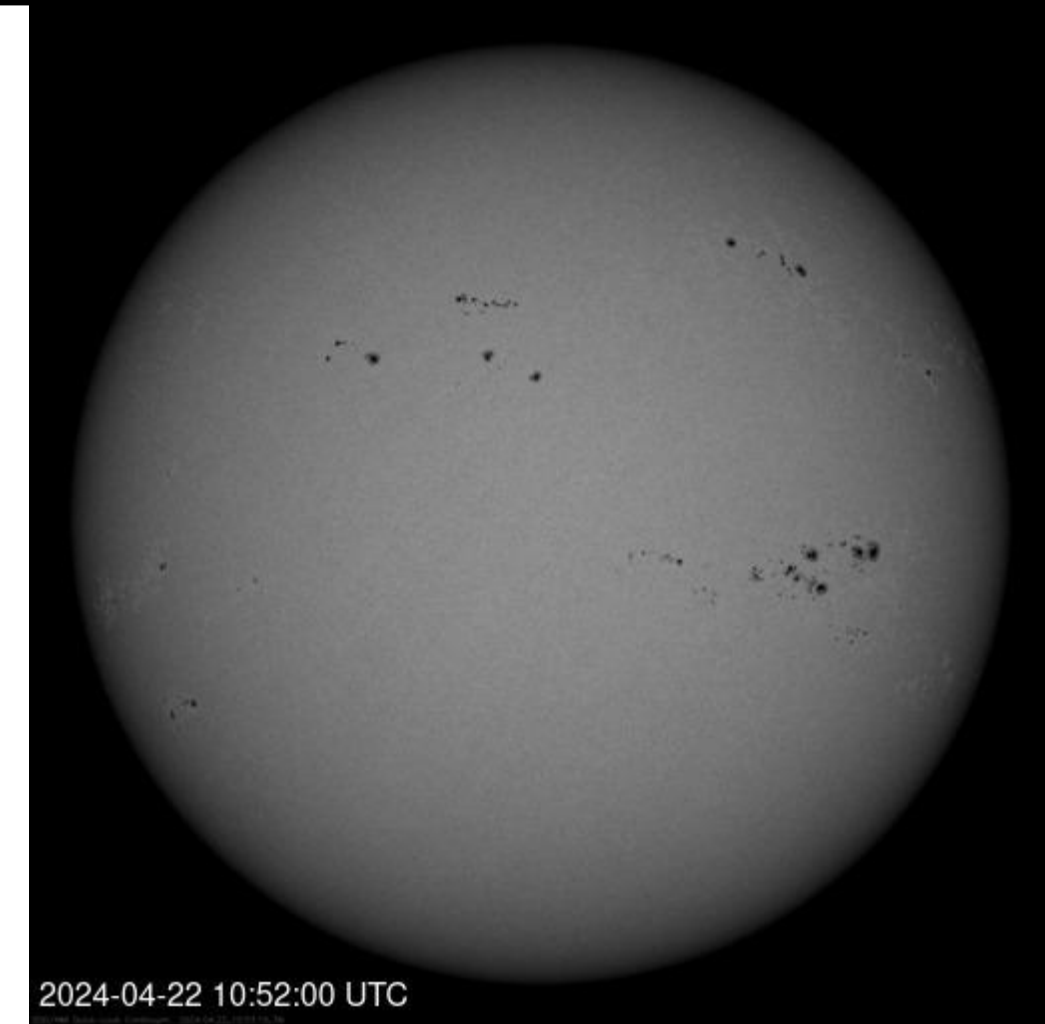
Space Weather 3-Day Forecast

	Monday, Apr 22	Tuesday, Apr 23	Wednesday, Apr 24
Geomagnetic Storms	Unsettled (Max Kp = 3)	Unsettled (Max Kp = 3)	Unsettled (Max Kp = 3)
Solar Radiation Storm (S1-S5)	20%	20%	20%
Radio Blackout (R1-R2)	75%	75%	75%
Radio Blackout (R3-R5)	20%	20%	20%



[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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Web: www.weather.gov/srh

