



FEMA



Prepared by
Paul Kirkwood

FEMA Region 6 Weather Threat Briefing

Monday, April 21, 2025

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

- **Slight risk (level 2 of 5) for severe storms in W TX, SW OK tomorrow afternoon. Marginal risk (level 1 of 5) on Wednesday for W TX, W OK.**
- **Marginal risk (level 1 of 4) for flash flooding on Tuesday for C OK, N-S C TX. Heavy rain chances continue Wed-Thu for the lower MS valley, OK/TX.**
- **Elevated to Critical (levels 1-2 of 3) fire weather concerns across NE NM and the OK/TX Panhandle this afternoon. Elevated (level 1 of 3) fire weather concerns resume Wed-Thu for S NM, W TX.**
- **Moderate to isolated major river flooding over AR through the next 7 days with isolated major flooding in SE LA by Thursday, April 24. Moderate river flooding in E OK through tomorrow afternoon.**





FEMA Region 6 Threat Matrix

Next 7 days

	Monday, Apr 21	Tuesday, Apr 22	Wednesday, Apr 23	Thursday, Apr 24	Friday, Apr 25	Saturday, Apr 26	Sunday, Apr 27
Severe Storms		W TX, SW OK	W TX, W OK				
Heavy Rain / Flash Flooding		C OK, N-S CTX	OK, W AR, N-CTX	OK, W AR, N-CTX	NETX / AR		
Fire Weather	NE NM, OK/TX Panhandles		S NM, W TX	S NM, W TX			
Winter							
River Flooding	AR, E OK	AR, E OK	AR	AR	AR	AR	AR
	LA	LA	LA	LA	LA	LA	LA

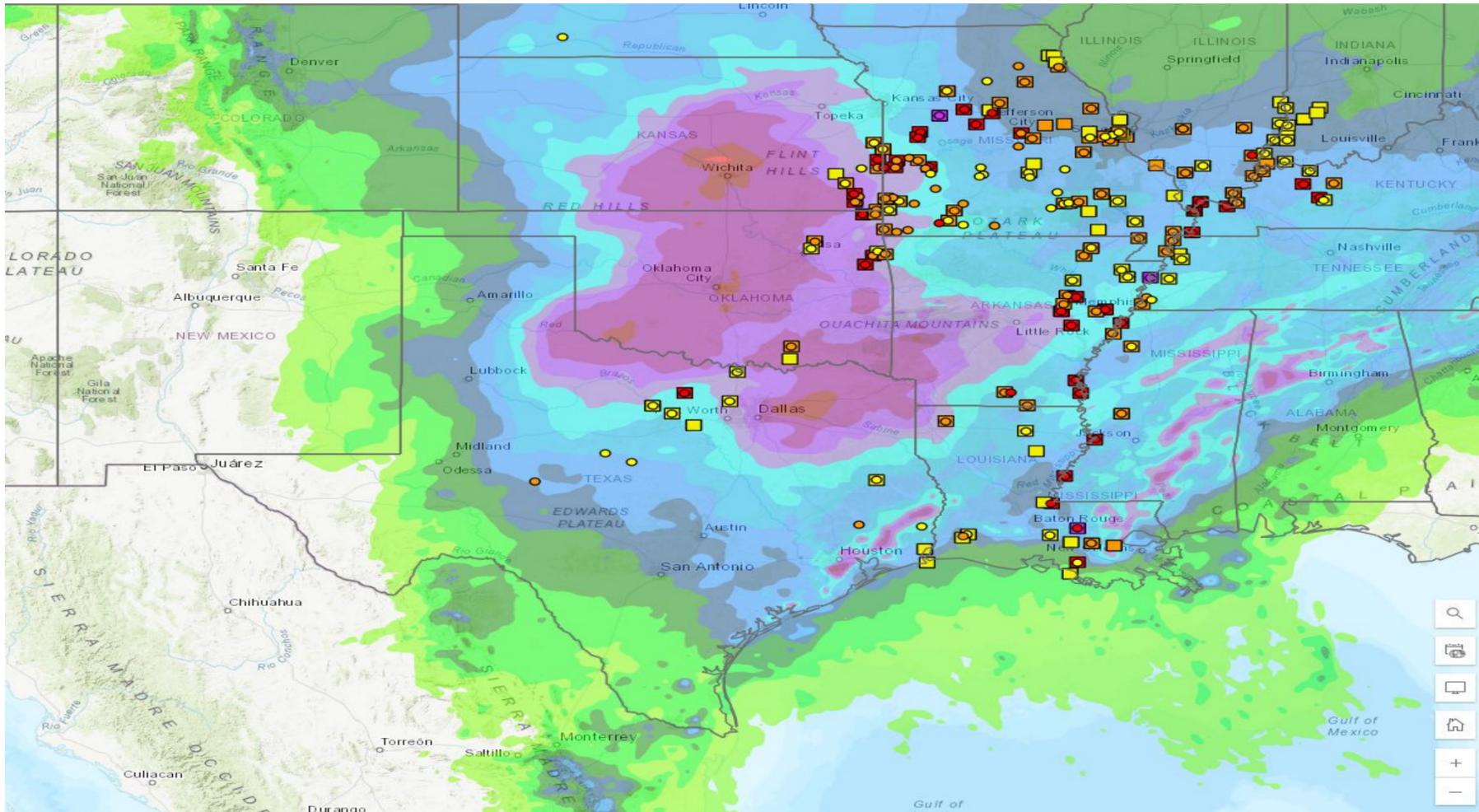
Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.
For more details on the colors in the threat matrix refer to the last slide in this briefing.

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



Observed River Flood Status	Forecast River Flood Status
Major Flooding	Major Flooding
Moderate Flooding	Moderate Flooding
Minor Flooding	Minor Flooding
Near	Near Flood
action	No Flooding

Note: Numerical levels (e.g. level 1 of 4) will not be assigned to riverine flooding due to the varying levels of impacts across flood categories.

- Moderate to isolated major river flooding over AR through the next 7 days. Homes and roads/highways will be flooded. E OK will see moderate river flooding through tomorrow afternoon.

- Isolated Major Flooding in SE LA by Thursday, April 24. Baton Rouge and the main LSU campus are protected by levees at this forecast level.

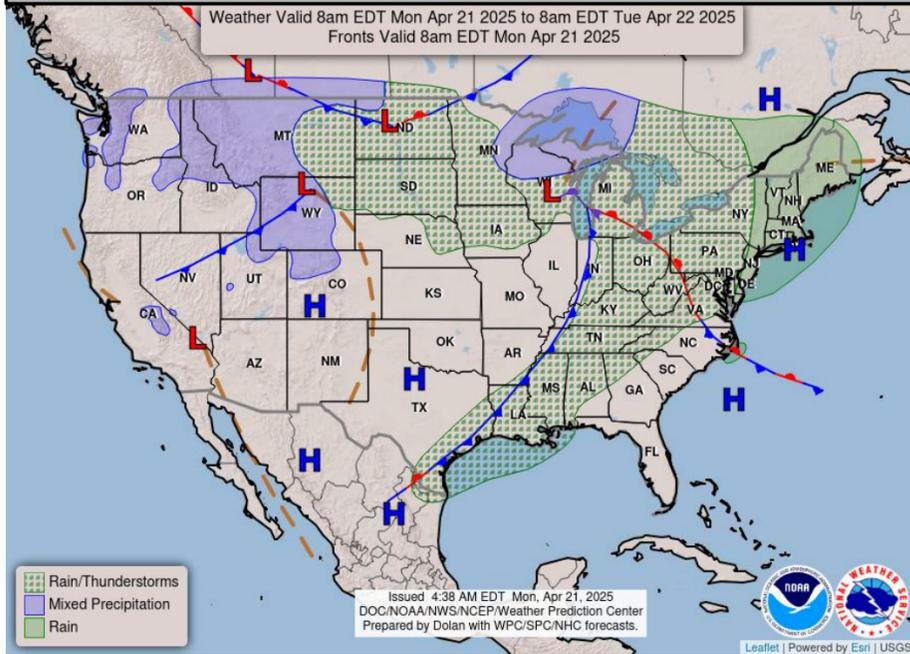
- Minor river flooding NTX, W LA. Impacts mainly to secondary roads and agricultural areas.



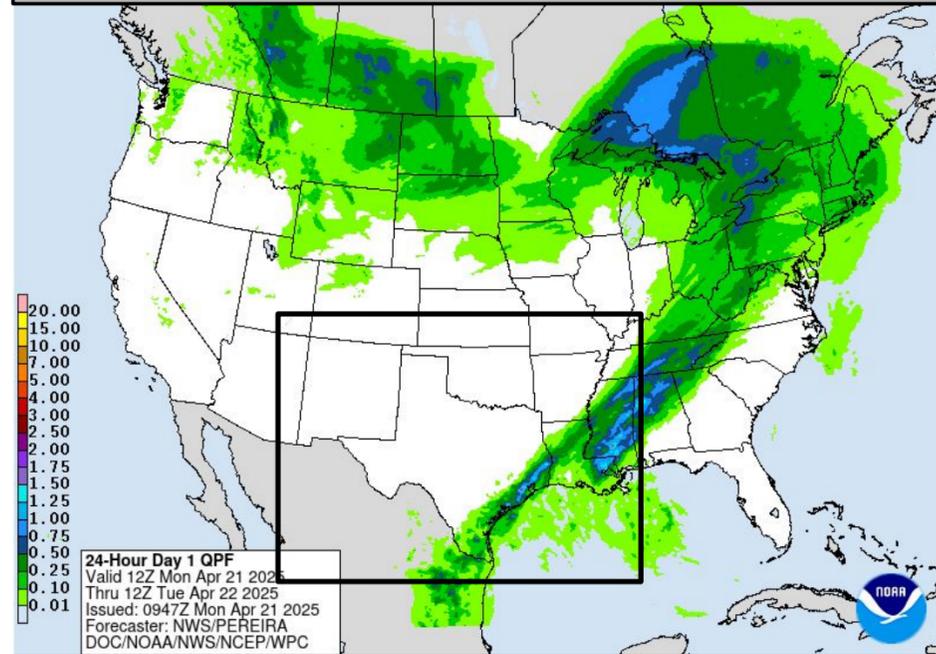


Today's Weather

Forecast Chart

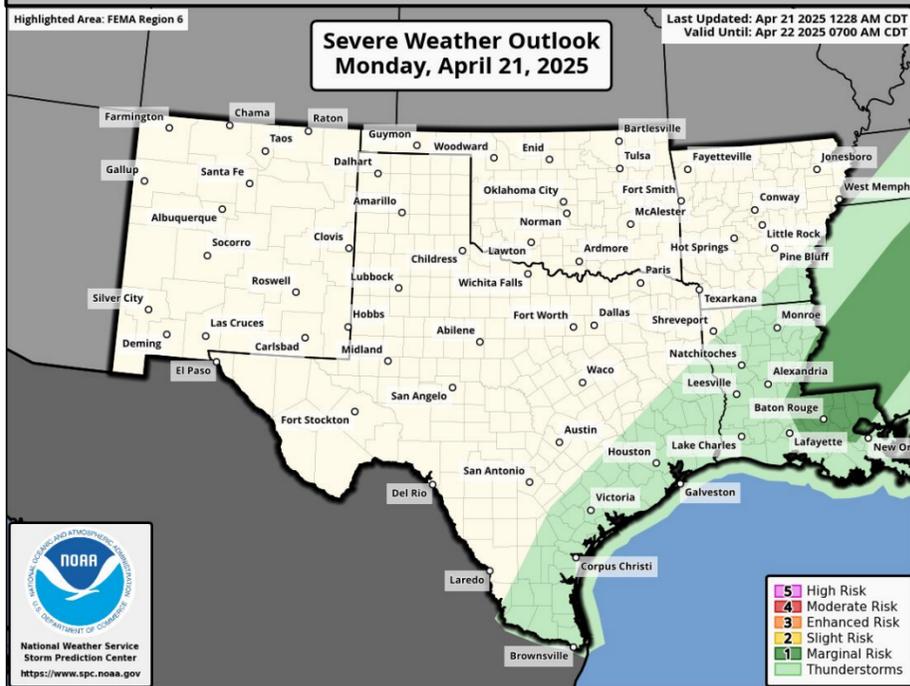


Forecast Rainfall

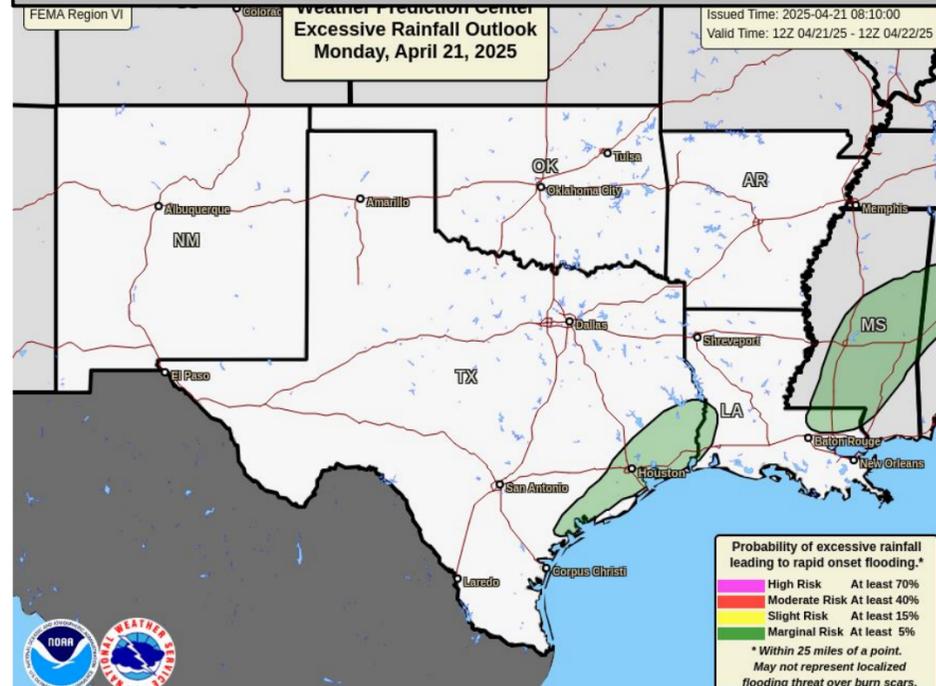


Elevated to Critical (levels 1-2 of 3) fire weather concerns across NE NM and the OK/TX Panhandle this afternoon.

Severe Weather Outlook

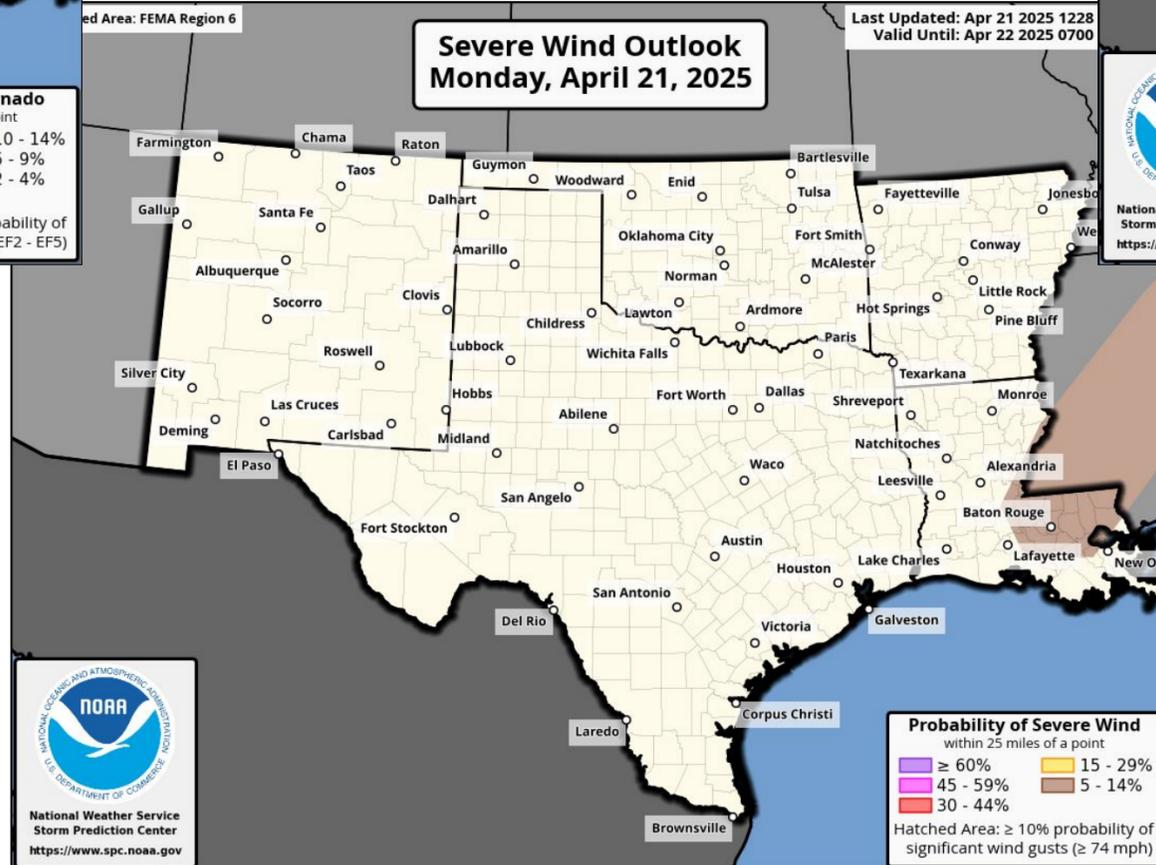
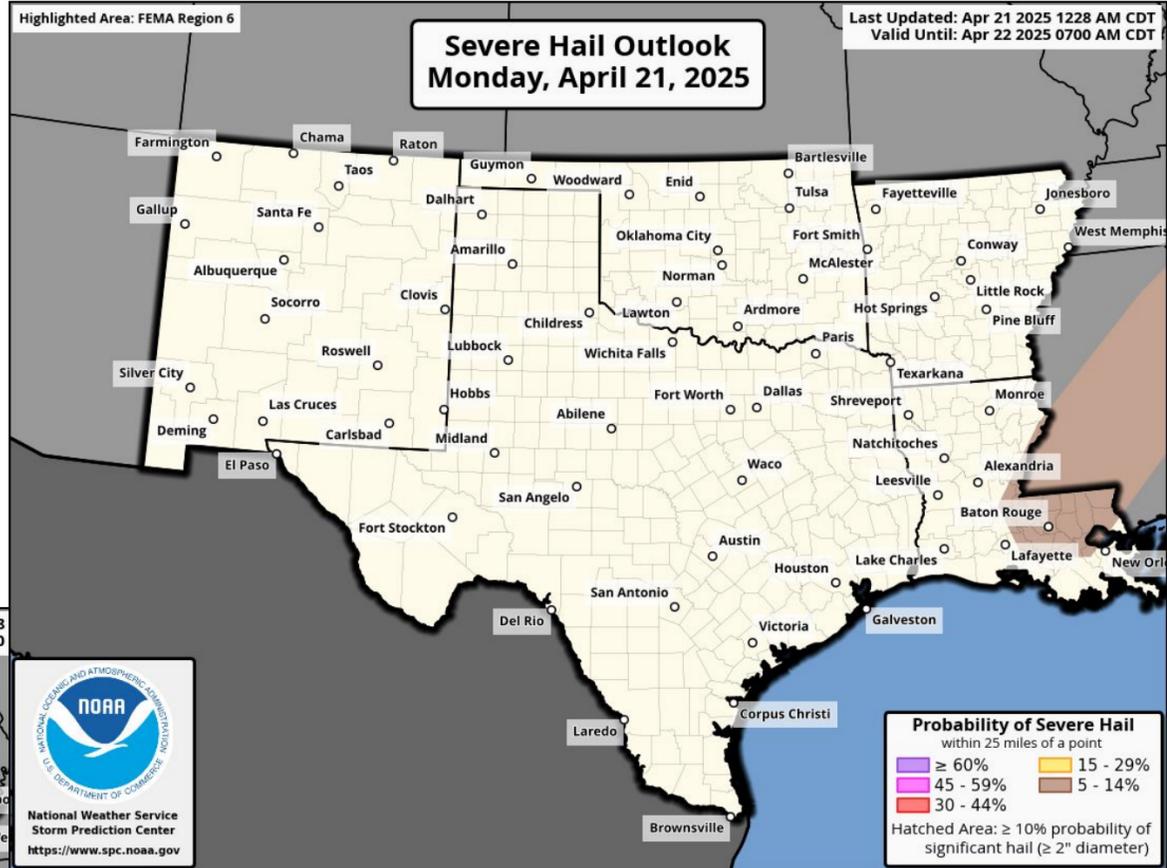
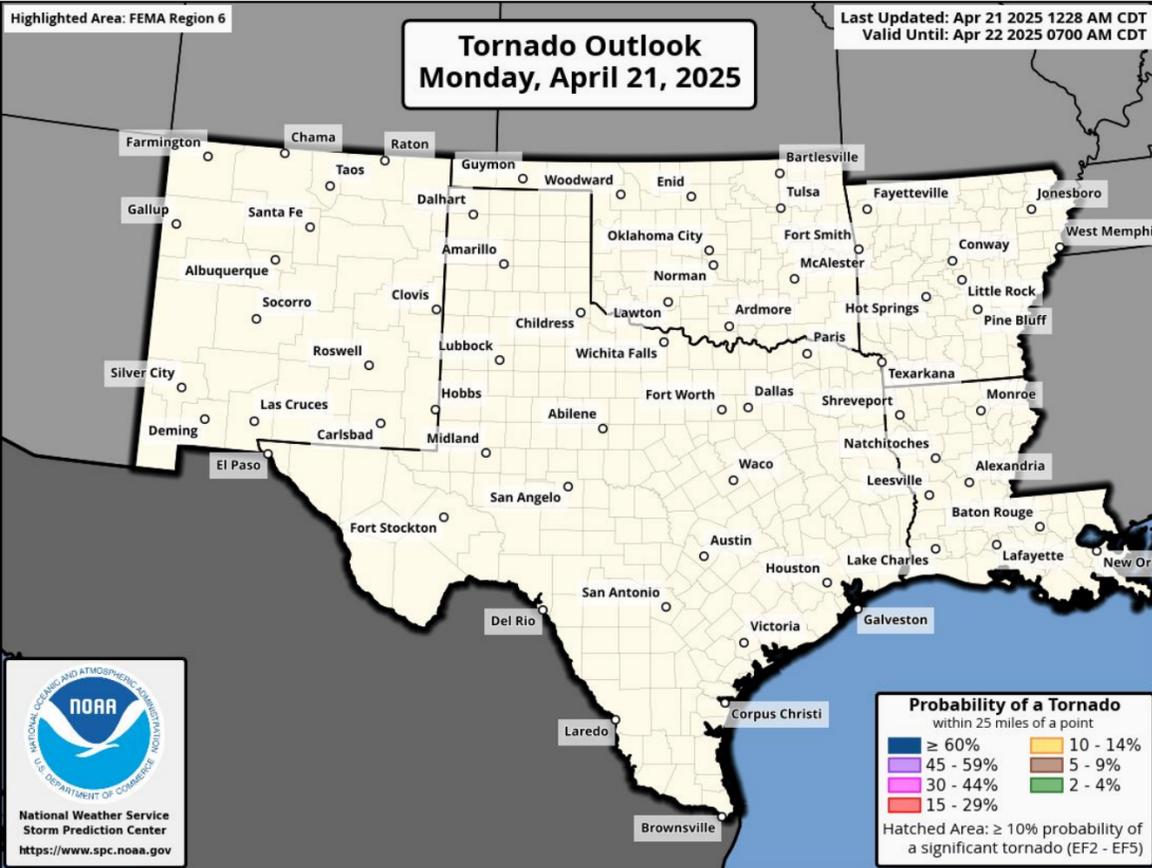


Excessive Rainfall Outlook



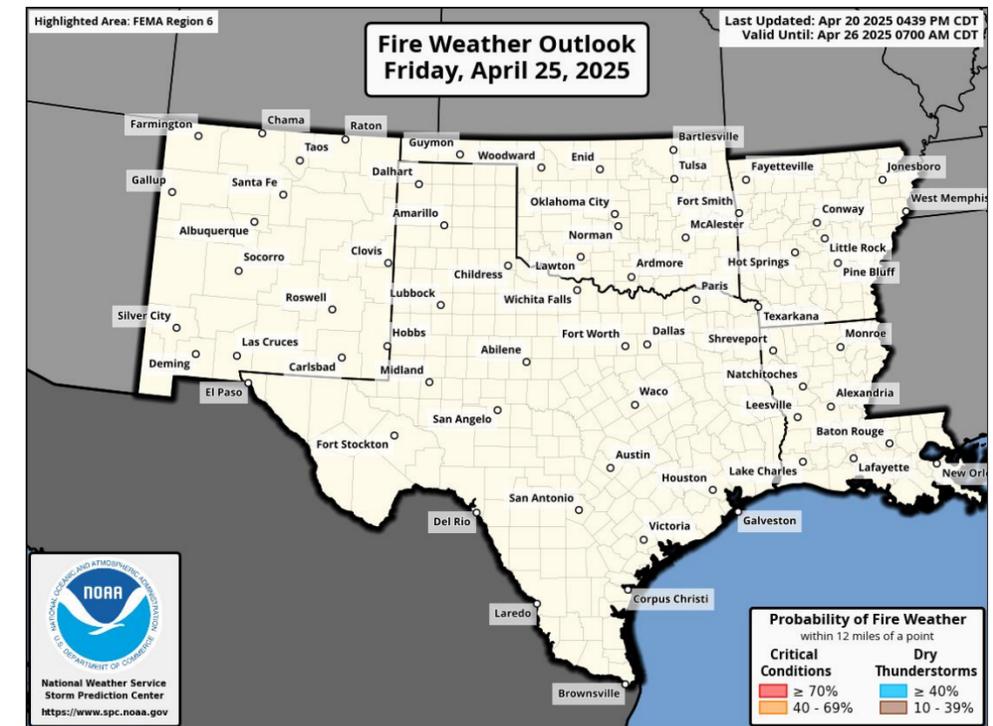
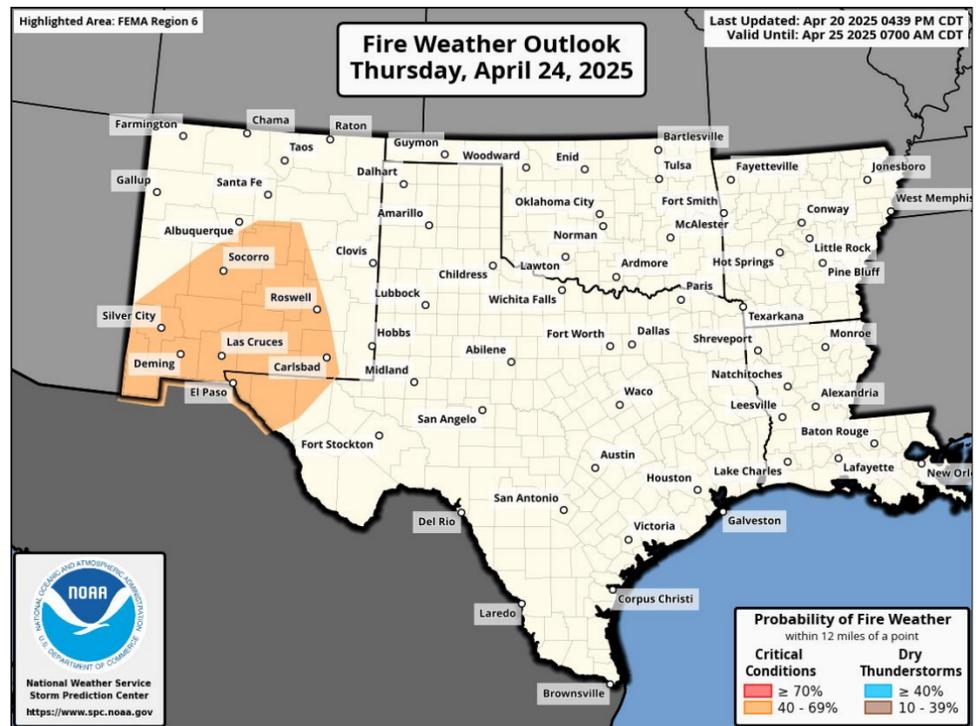
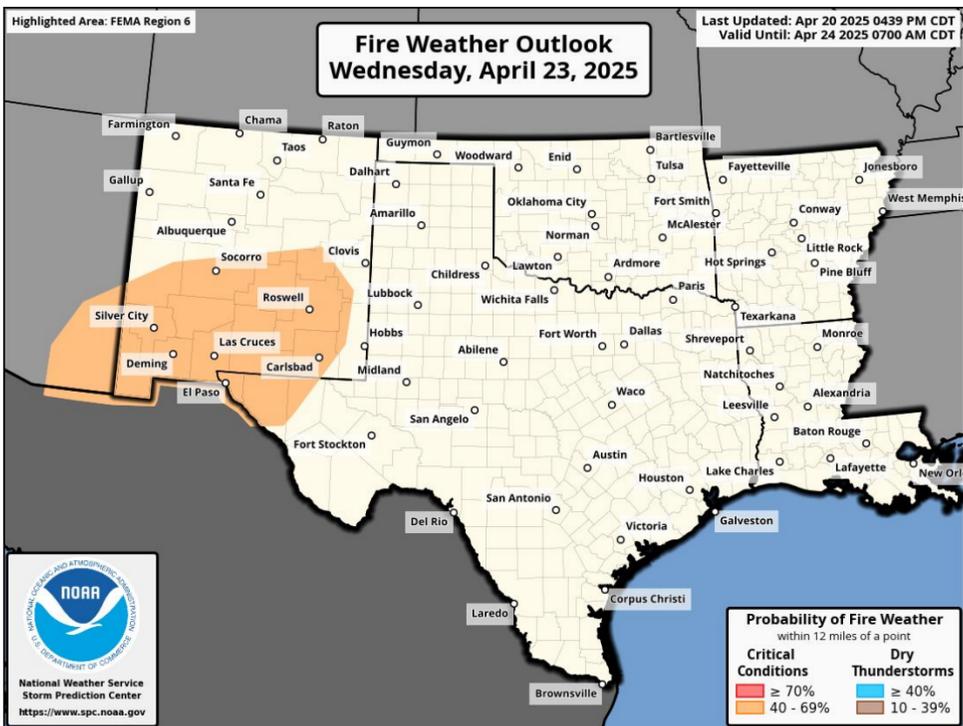
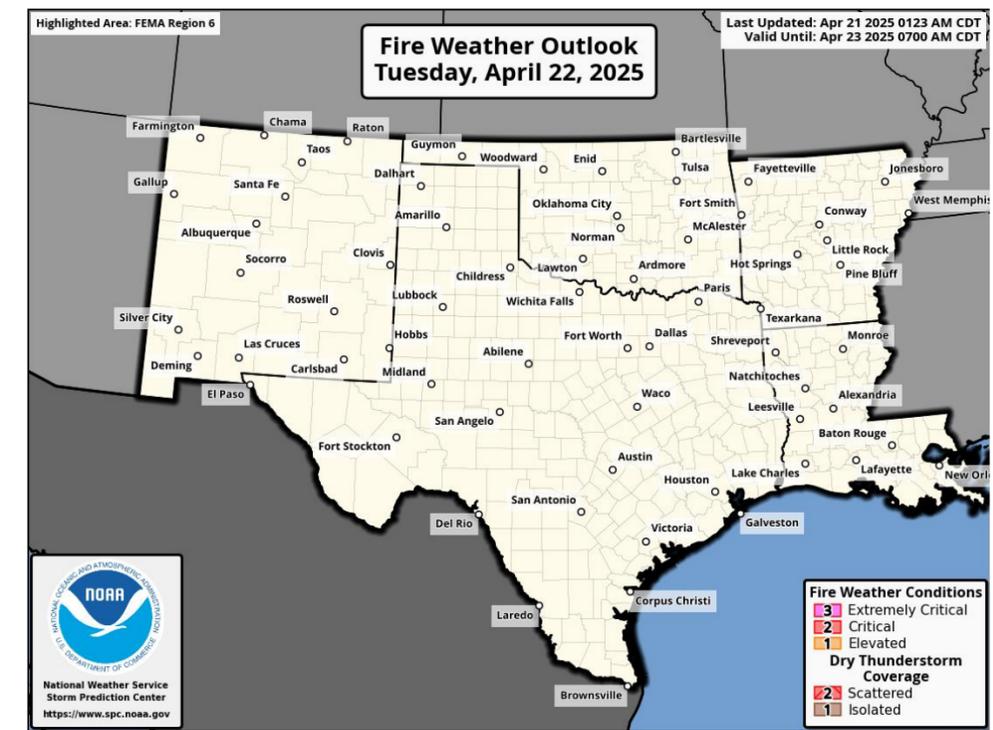
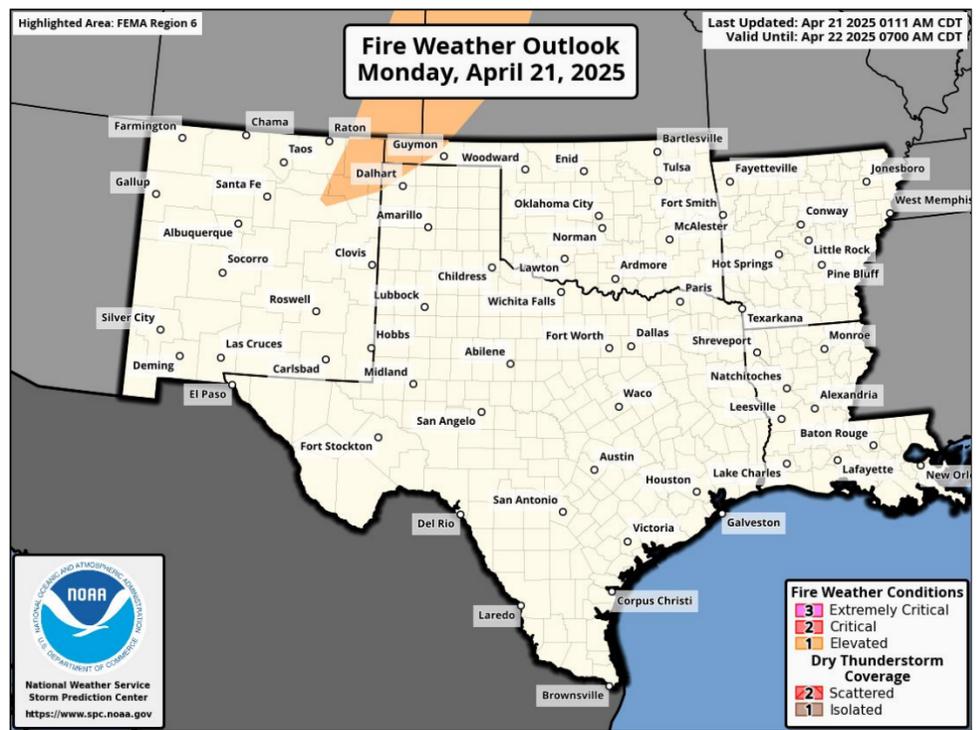


Today's Tornado & Severe Wind / Hail Probabilities





Fire Weather Outlooks

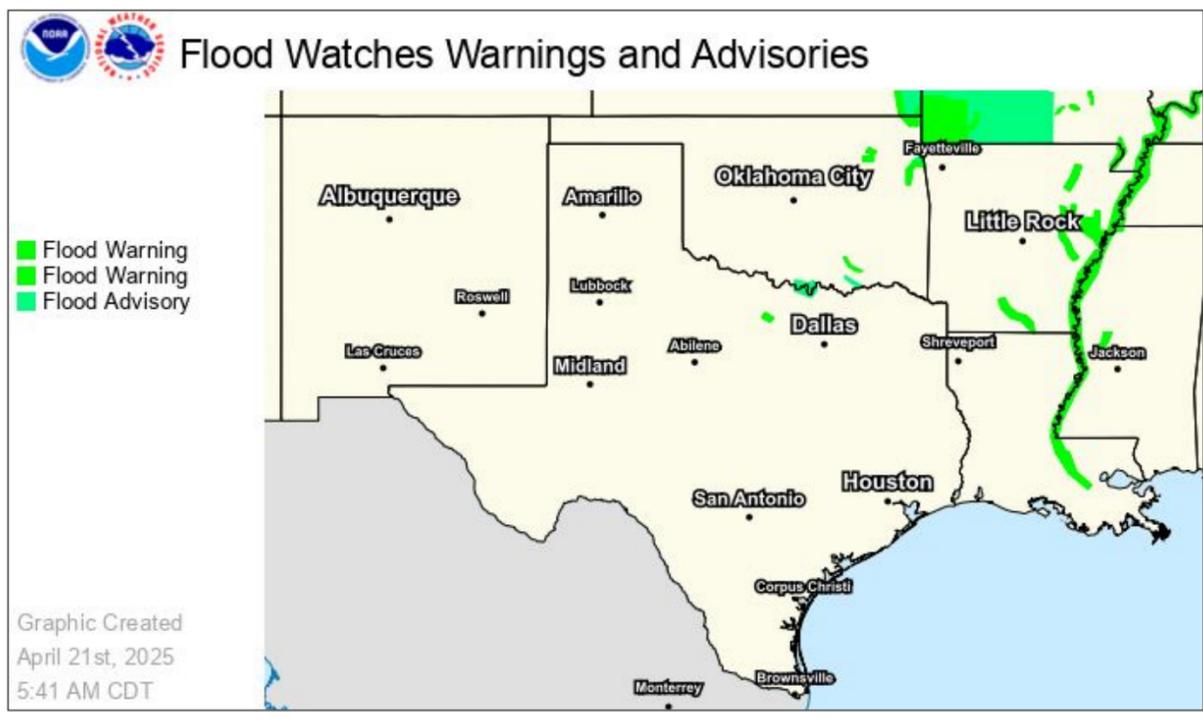
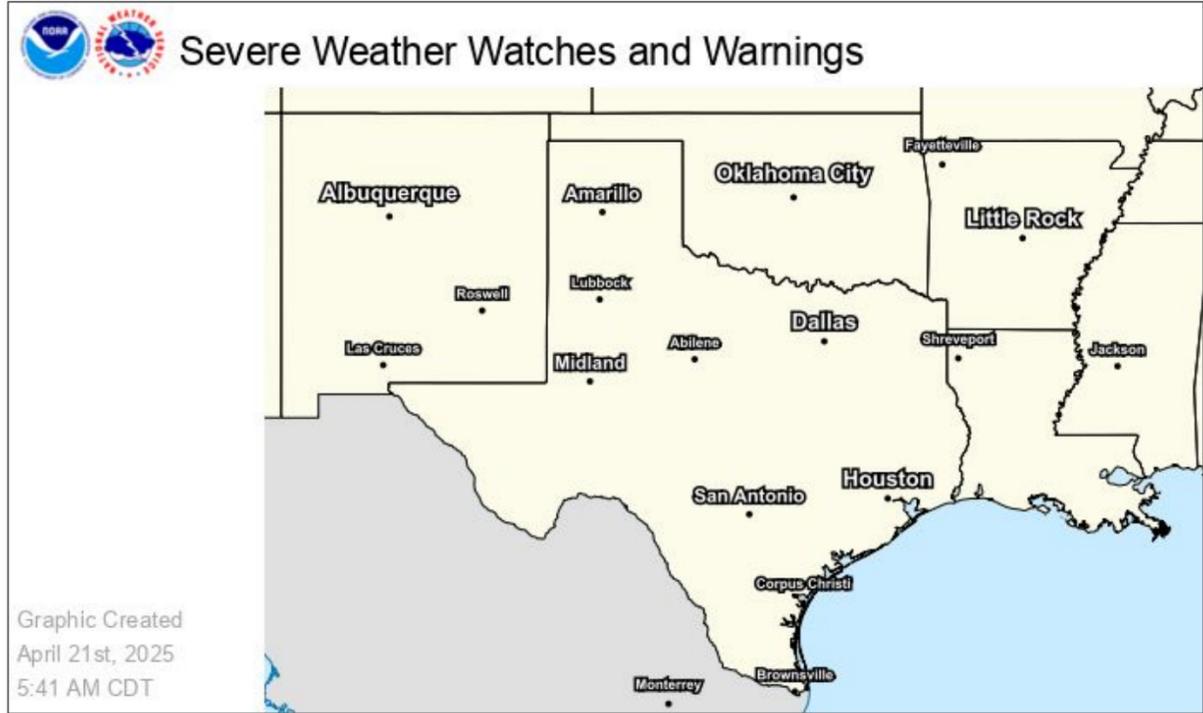




Watches, Warnings, and Advisories

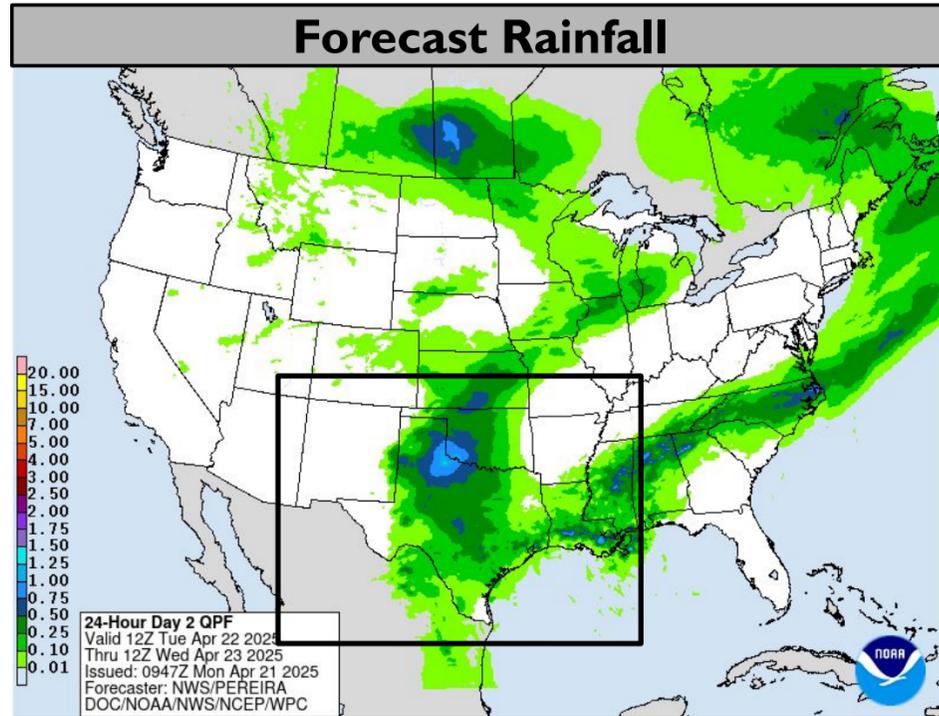
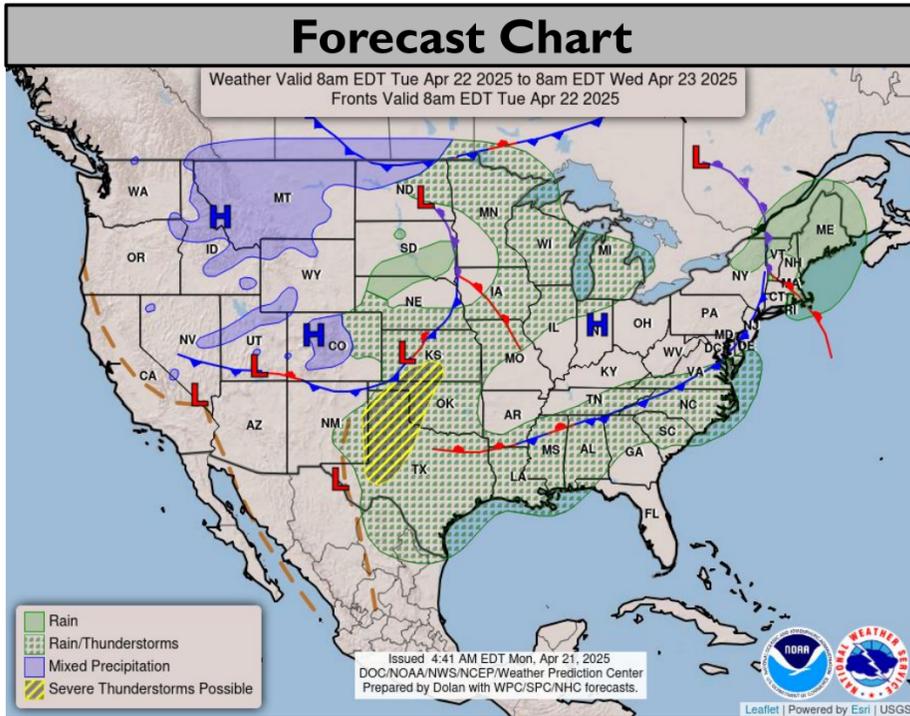
Wind, Severe, Heat, and Flood Hazards

Red Flag Warning this afternoon in NE NM.



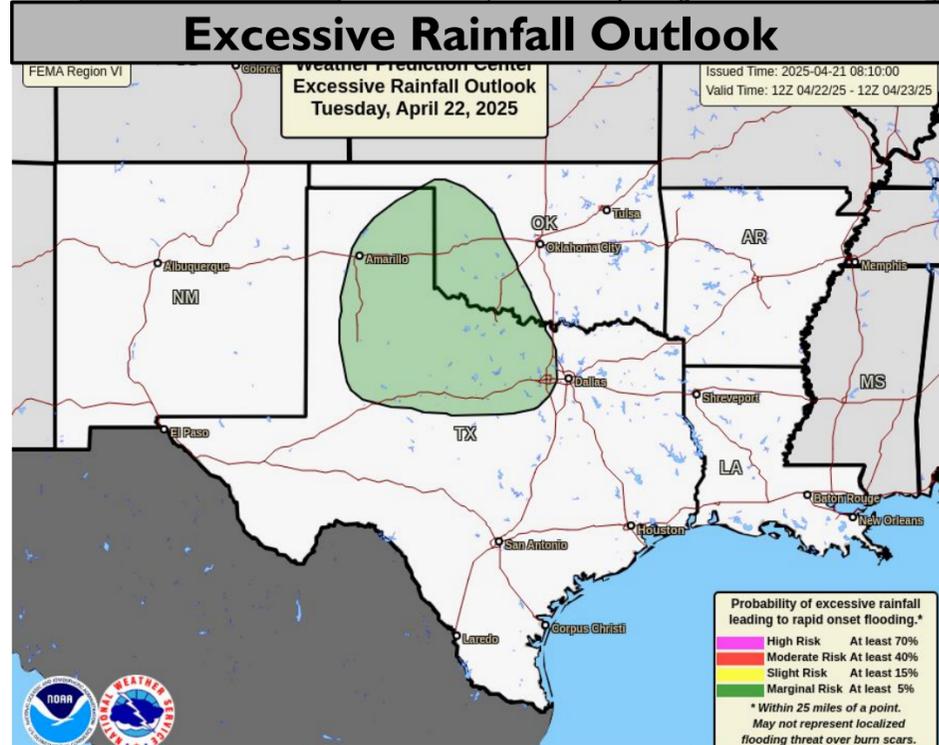
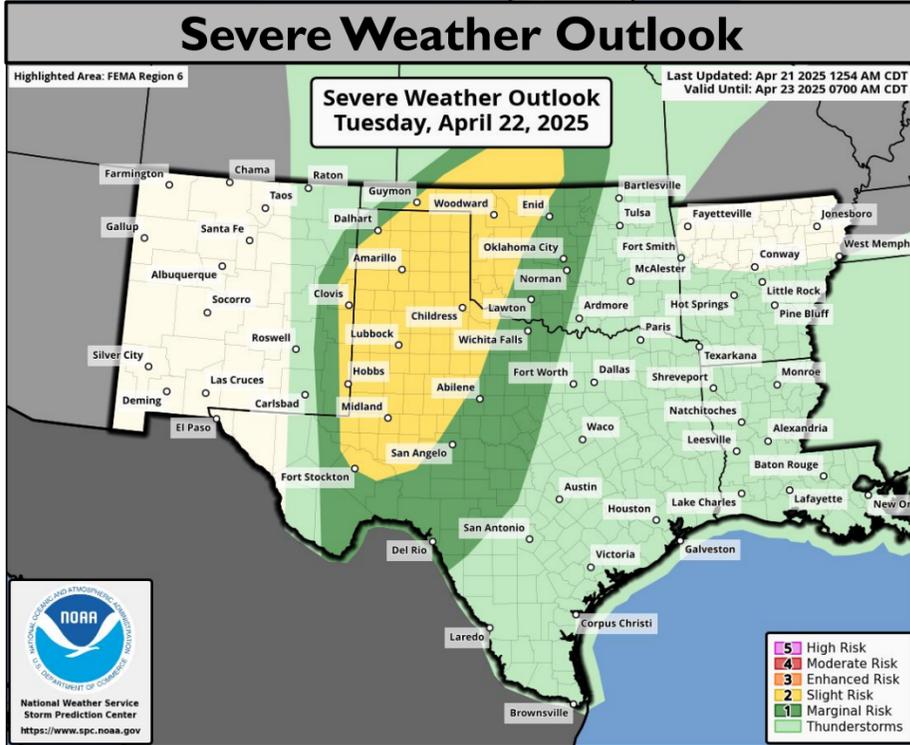


Tomorrow's Weather



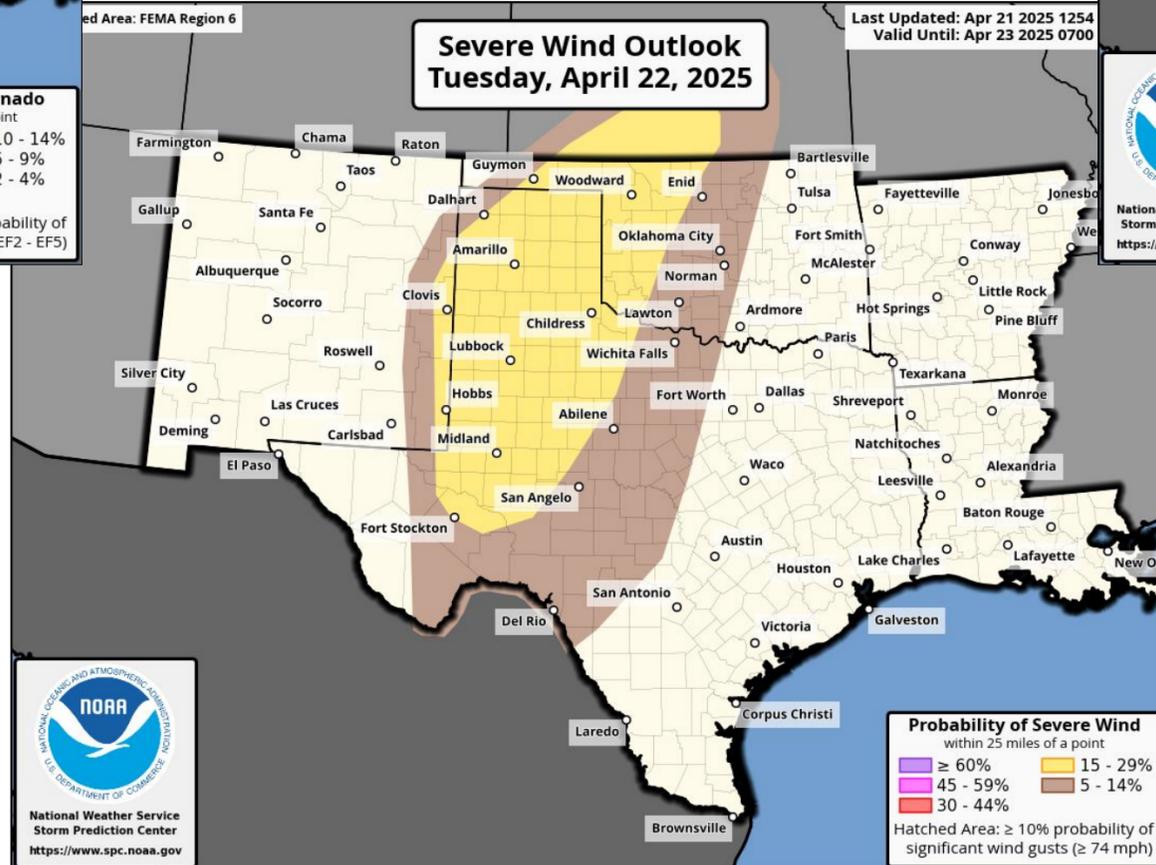
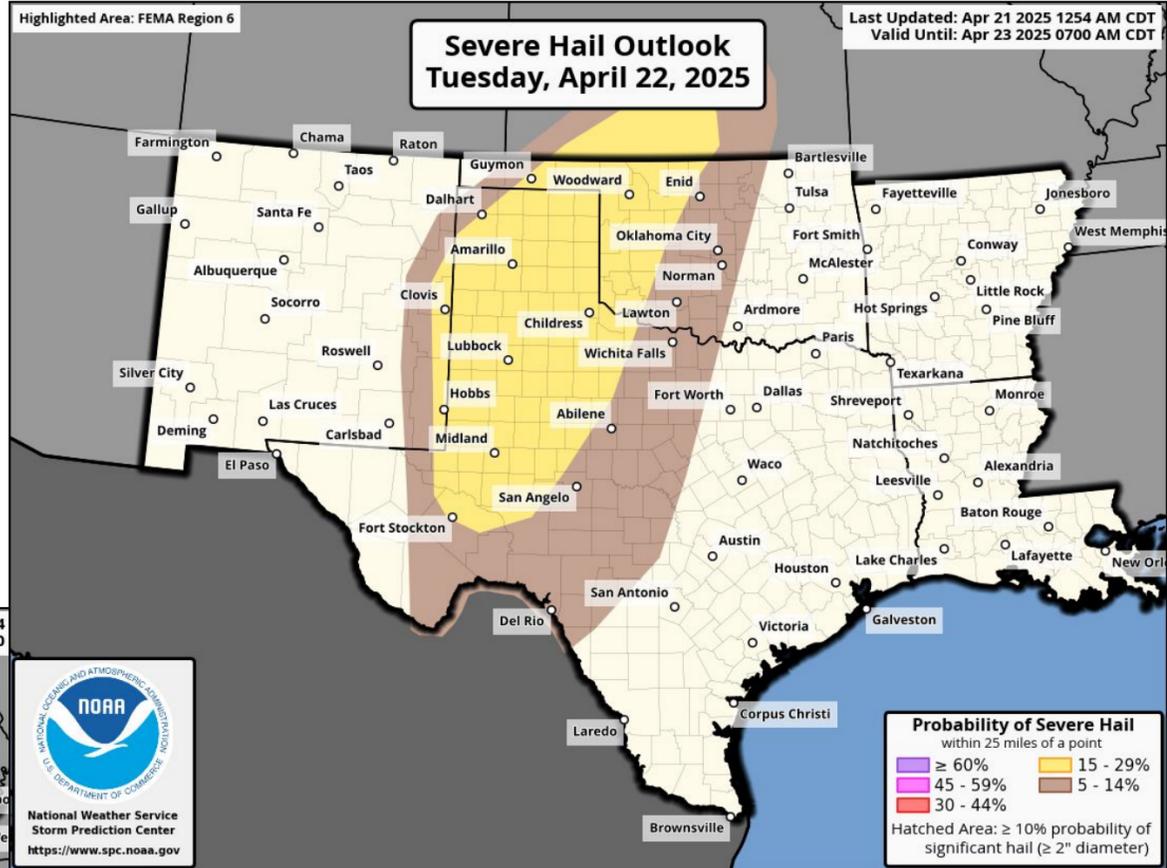
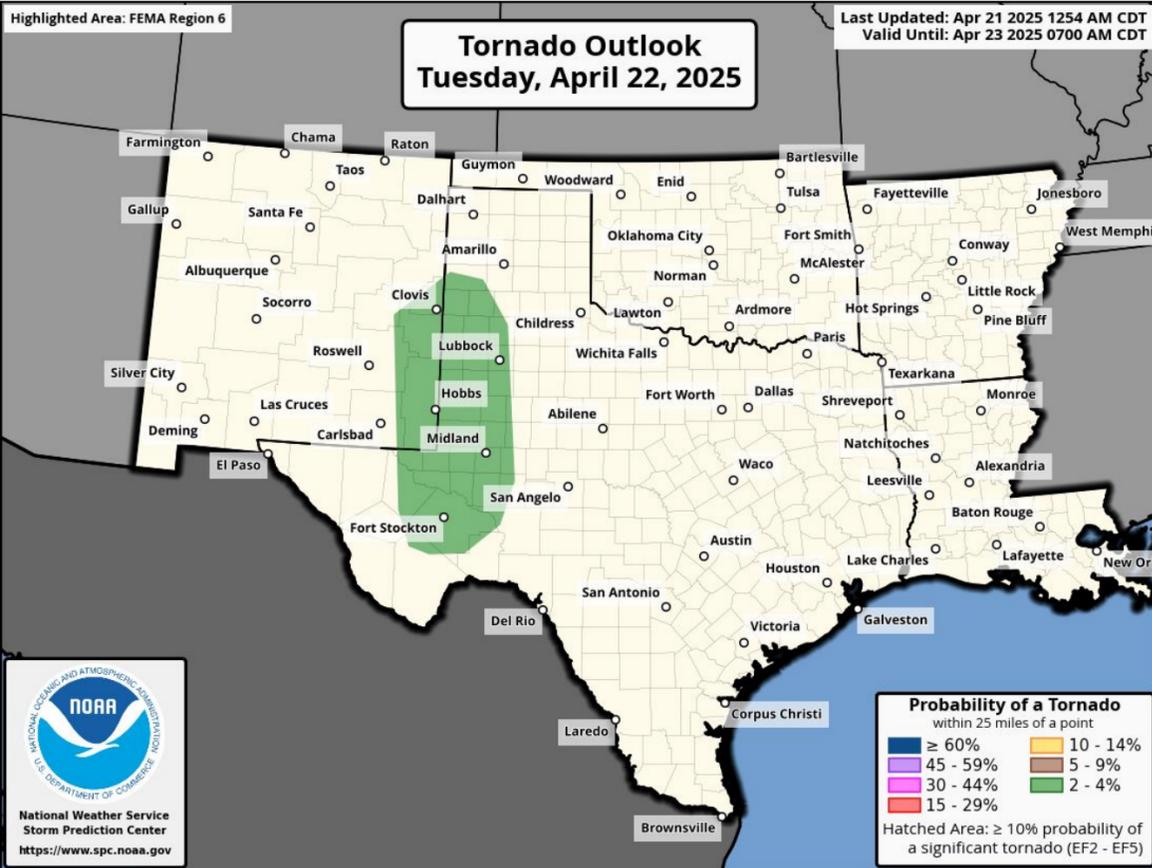
Slight risk (level 2 of 5) for severe storms in W TX, SW OK. Mainly a large hail and damaging wind event.

Marginal Risk (level 1 of 4) for flash flooding in C OK, N-S TX.



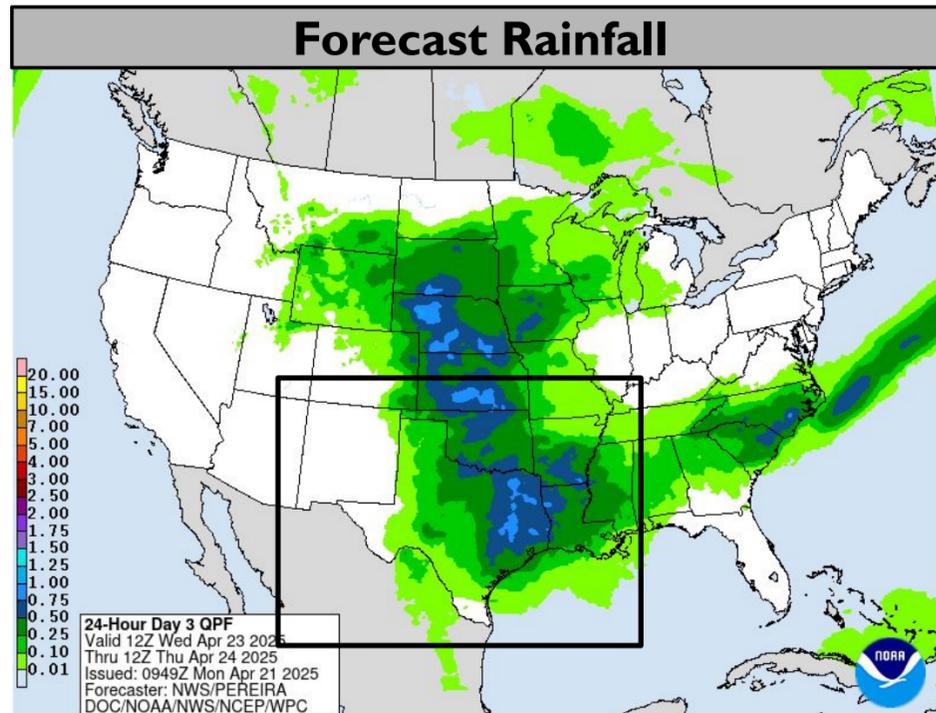
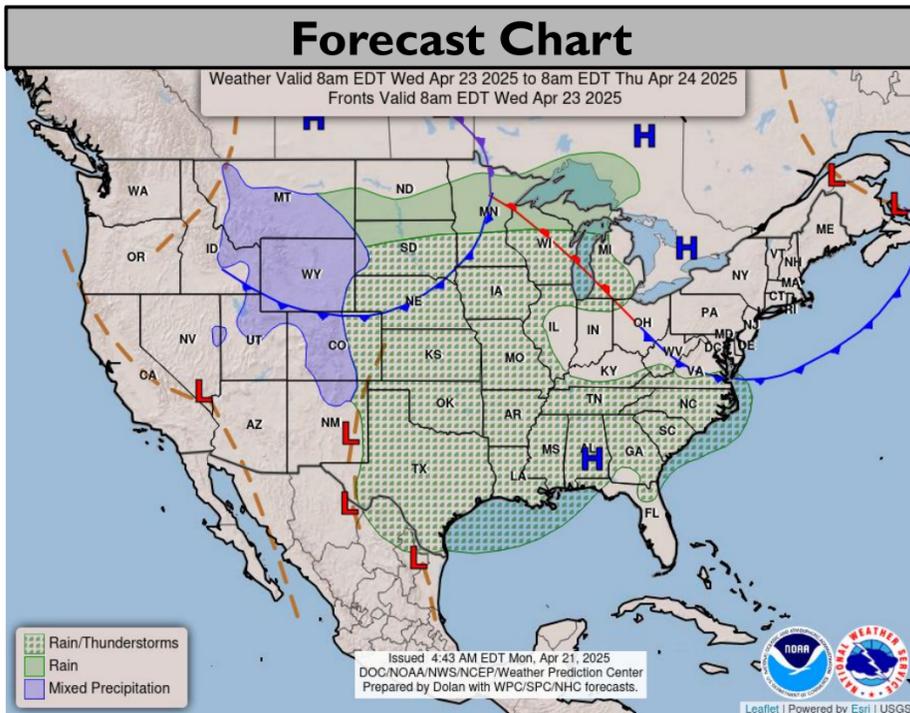


Tomorrow's Tornado & Severe Wind / Hail Probabilities





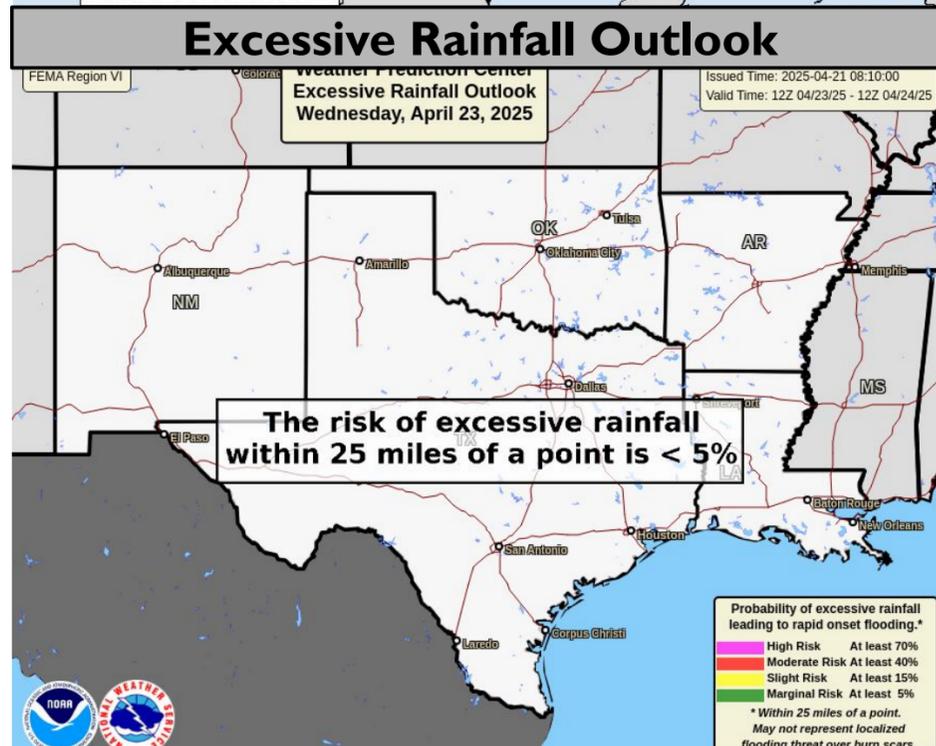
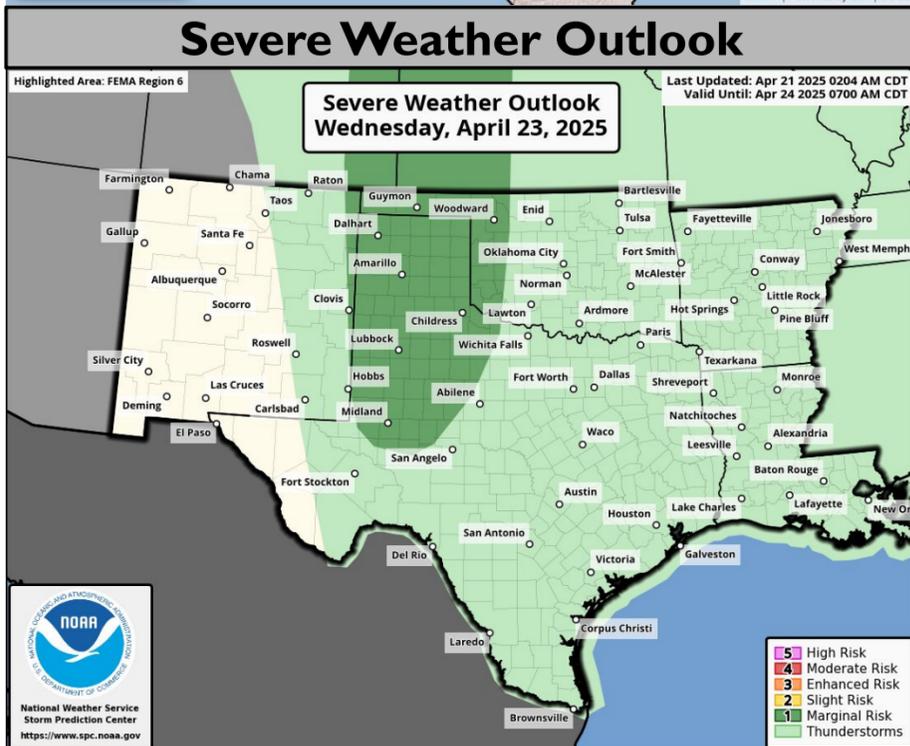
Wednesday's Weather



Monitoring for heavy rainfall in OK, W AR, N-CTX.

Elevated (level 1 of 3) fire weather concerns S NM, W TX.

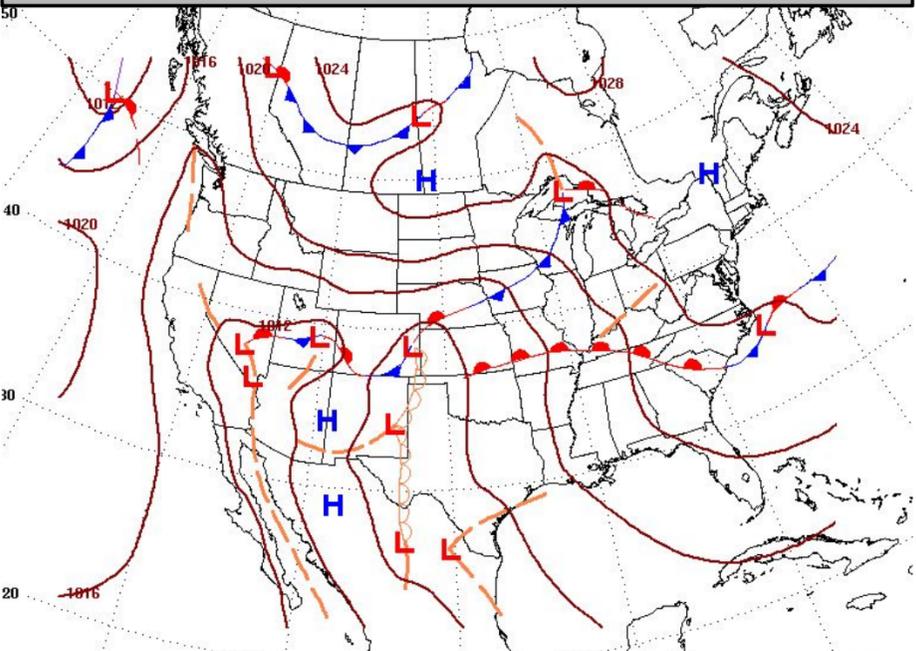
Marginal (1 of 5) for severe weather across TX/OK Panhandles, W TX and W OK



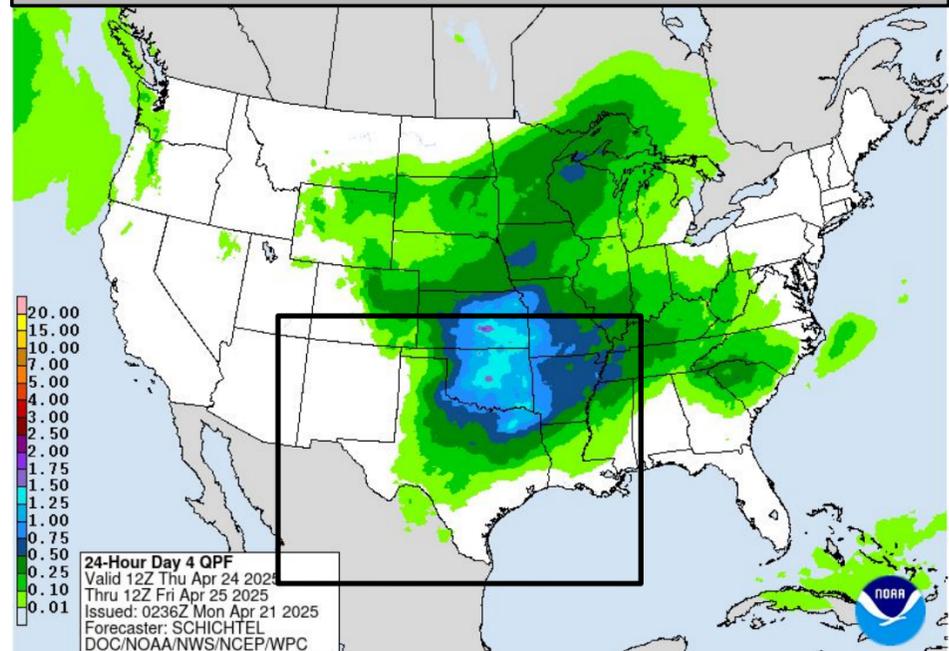


Thursday's Weather

Forecast Chart



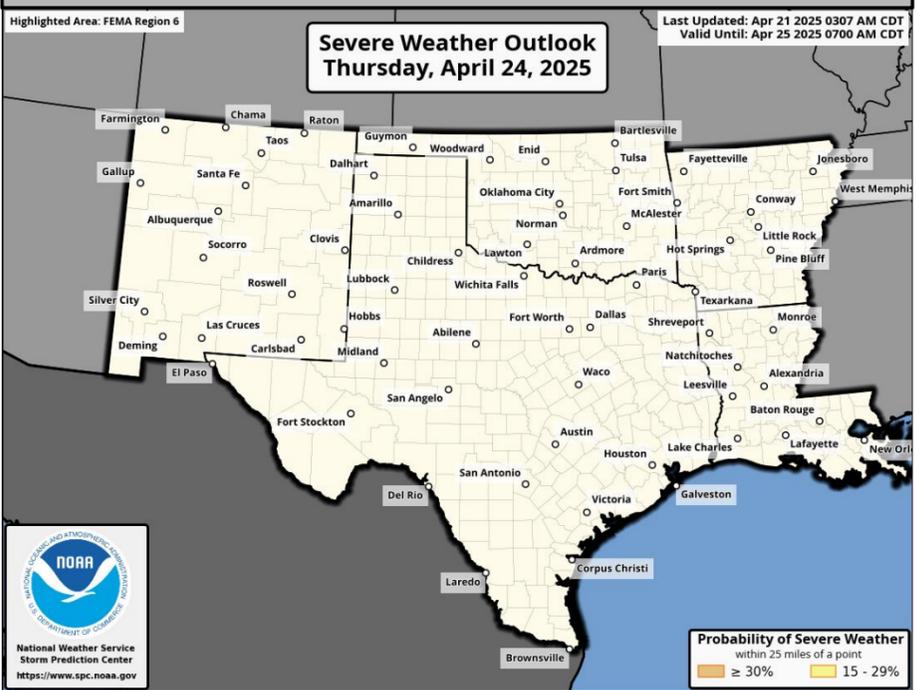
Forecast Rainfall



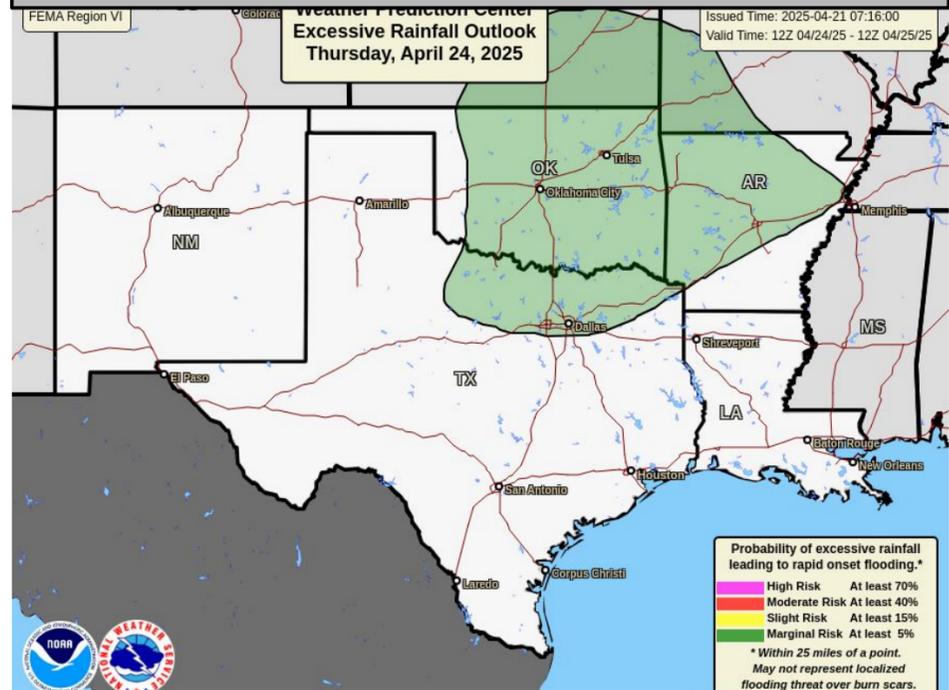
Monitoring for heavy rainfall in OK, W AR, N-CTX.

Elevated (level 1 of 3) fire weather concerns for S NM, W TX.

Severe Weather Outlook



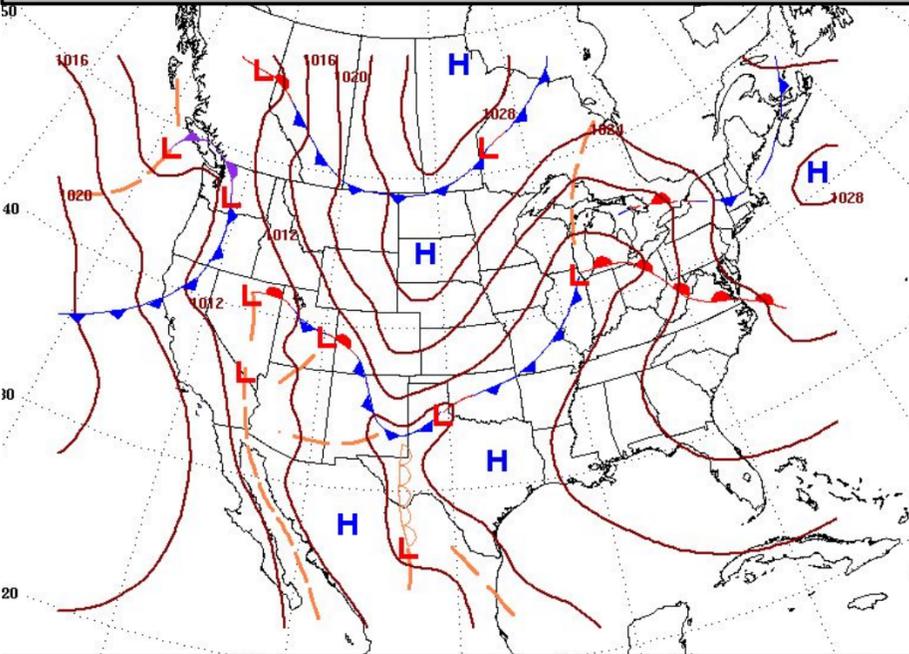
Excessive Rainfall Outlook



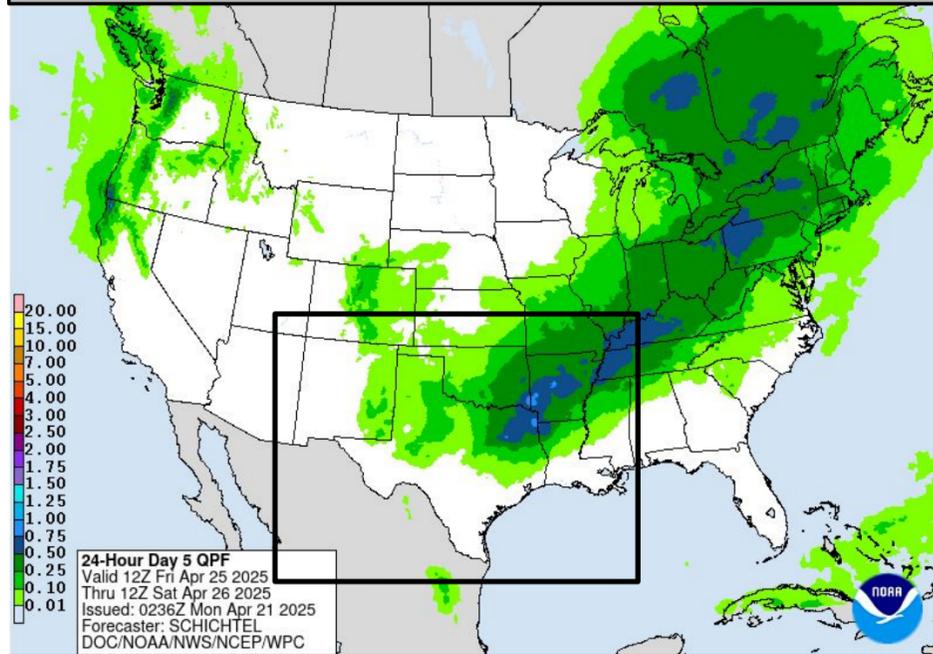


Friday's Weather

Forecast Chart

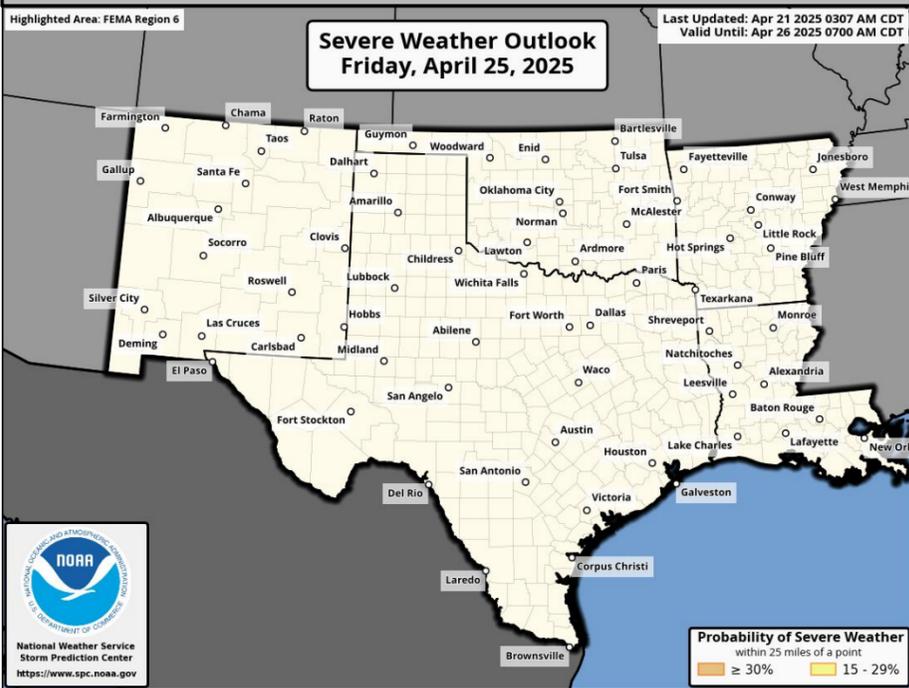


Forecast Rainfall

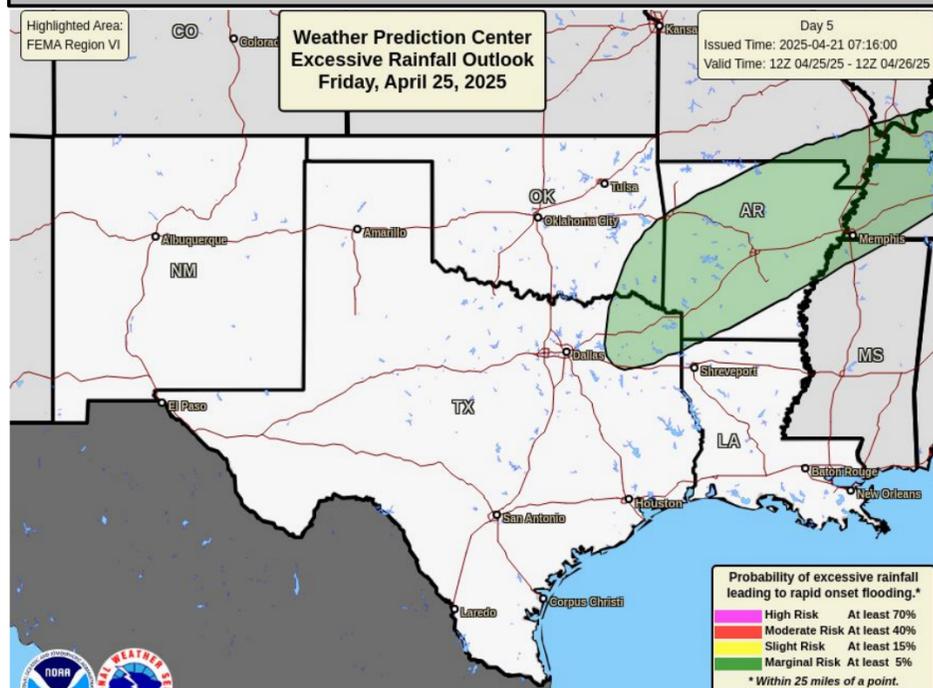


Marginal (1 of 4) for flooding across NETX and AR.

Severe Weather Outlook



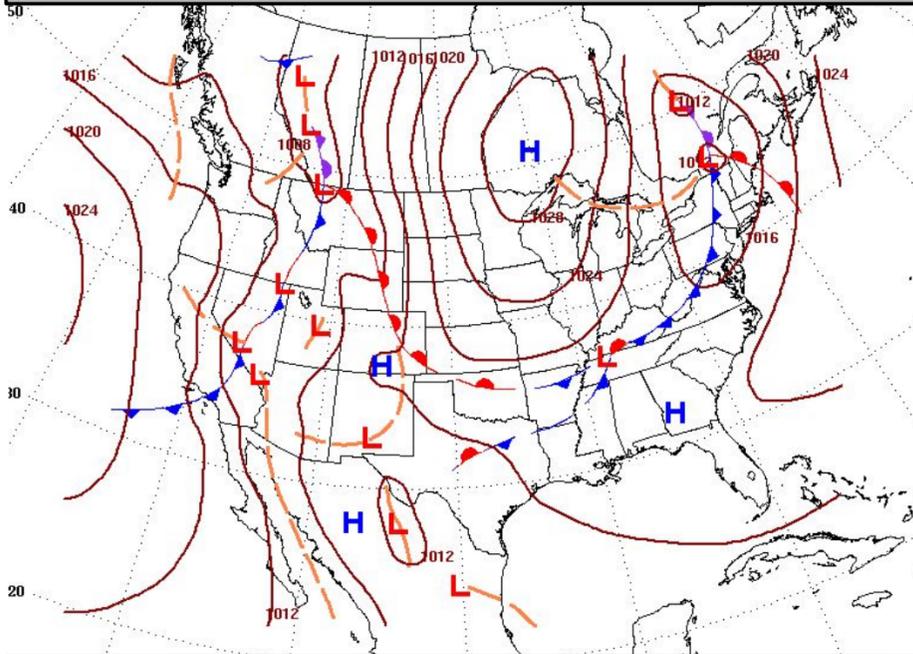
Excessive Rainfall Outlook



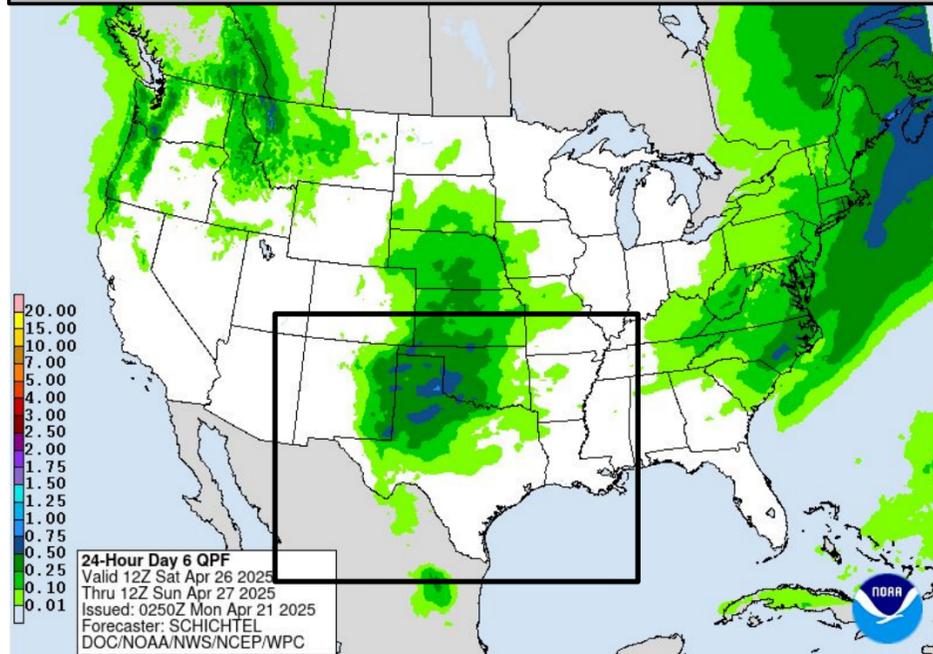


Saturday's Weather

Forecast Chart

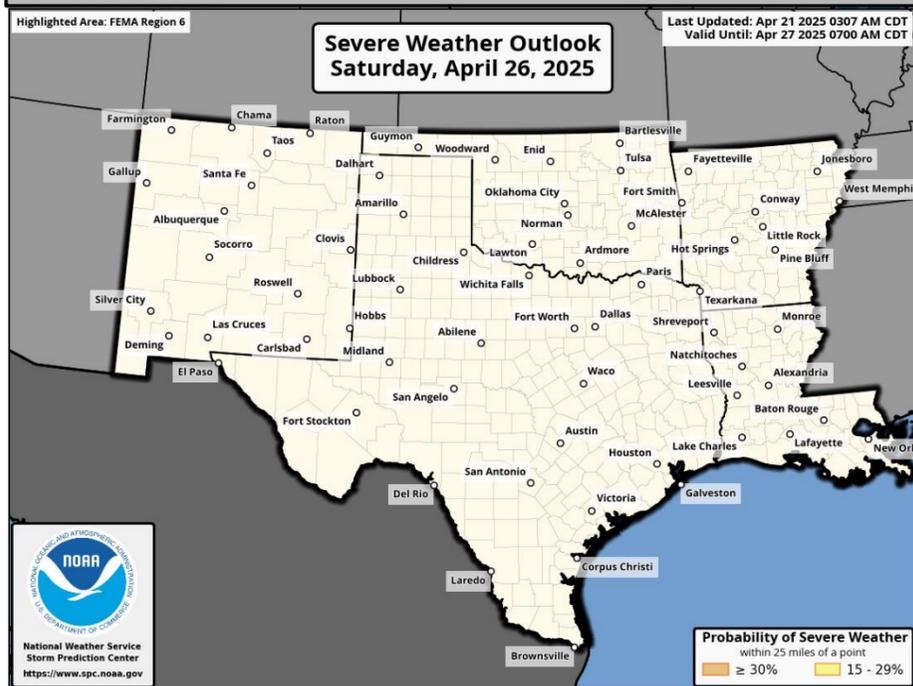


Forecast Rainfall



No significant weather expected.

Severe Weather Outlook

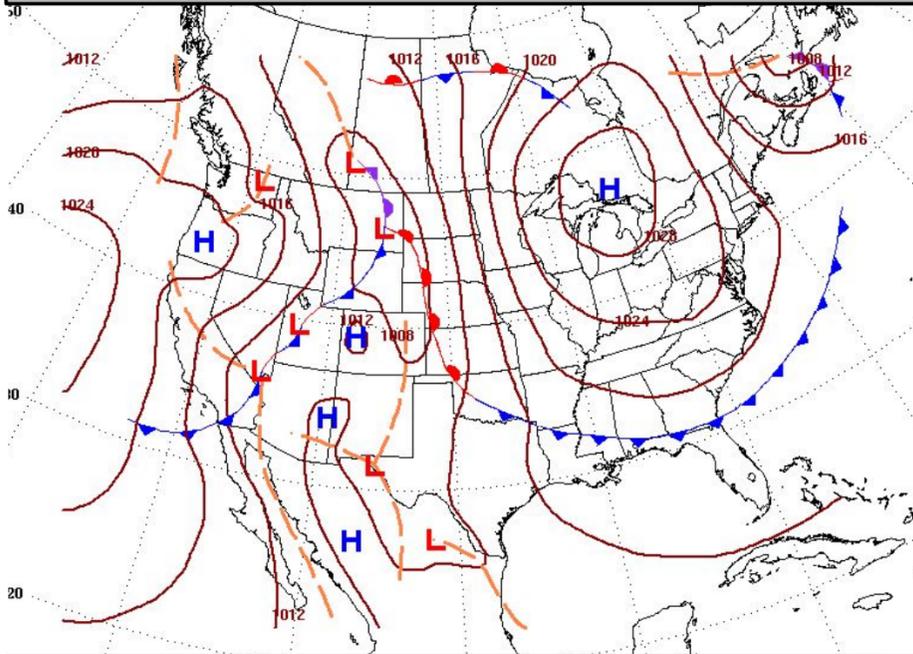


Excessive Rainfall Outlooks not available beyond Day 5

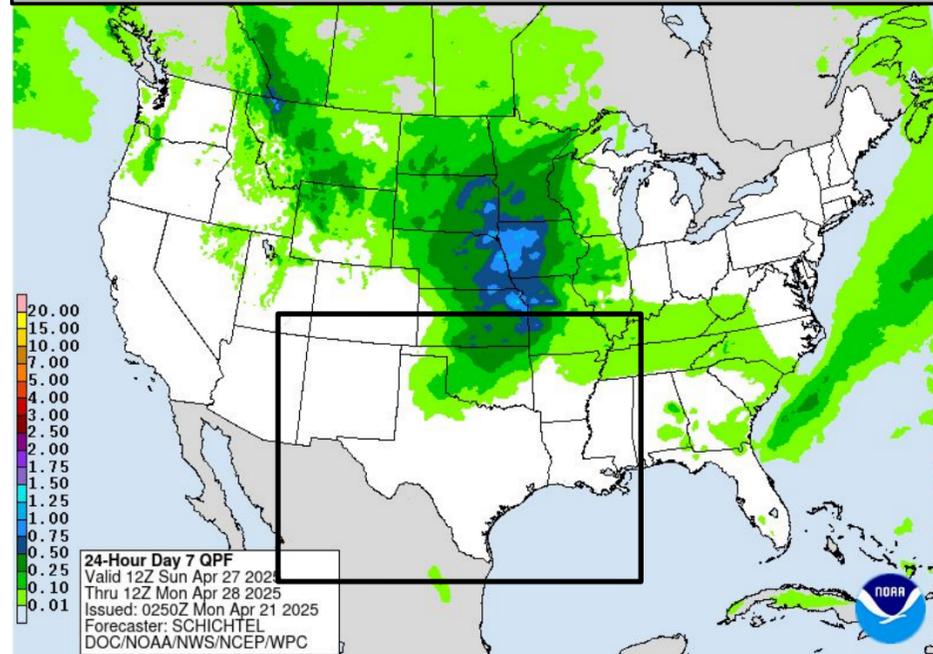


Sunday's Weather

Forecast Chart

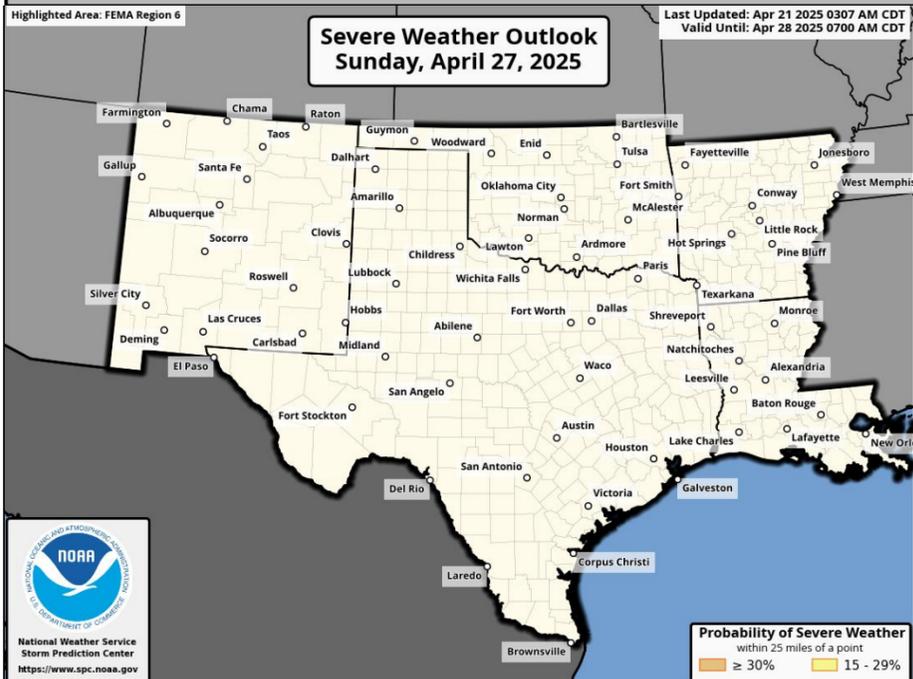


Forecast Rainfall



No significant weather expected.

Severe Weather Outlook



Excessive Rainfall Outlooks not available beyond Day 5

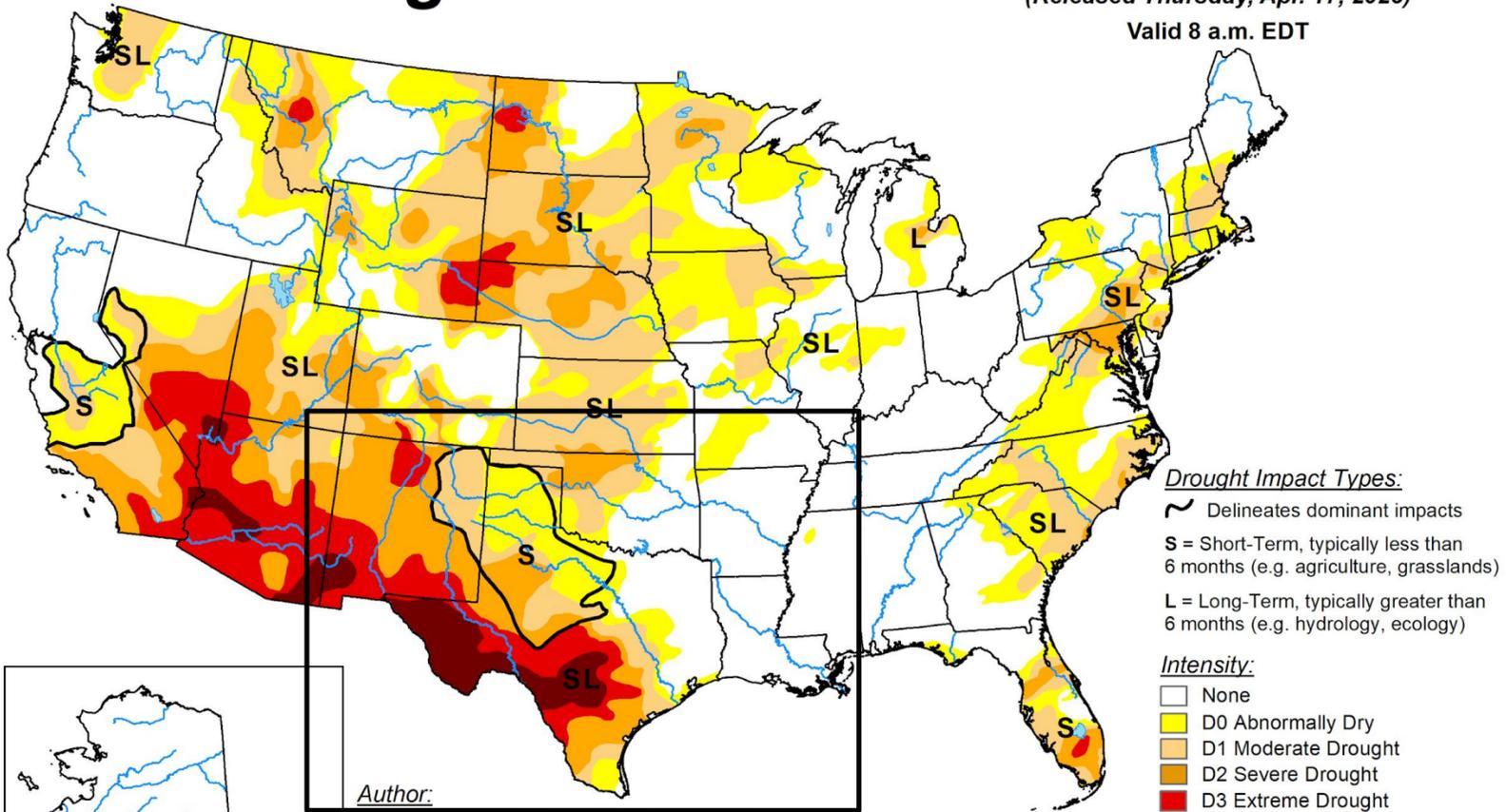




Drought Monitor

U.S. Drought Monitor

April 15, 2025
(Released Thursday, Apr. 17, 2025)
Valid 8 a.m. EDT



Author:
Curtis Riganti
National Drought Mitigation Center

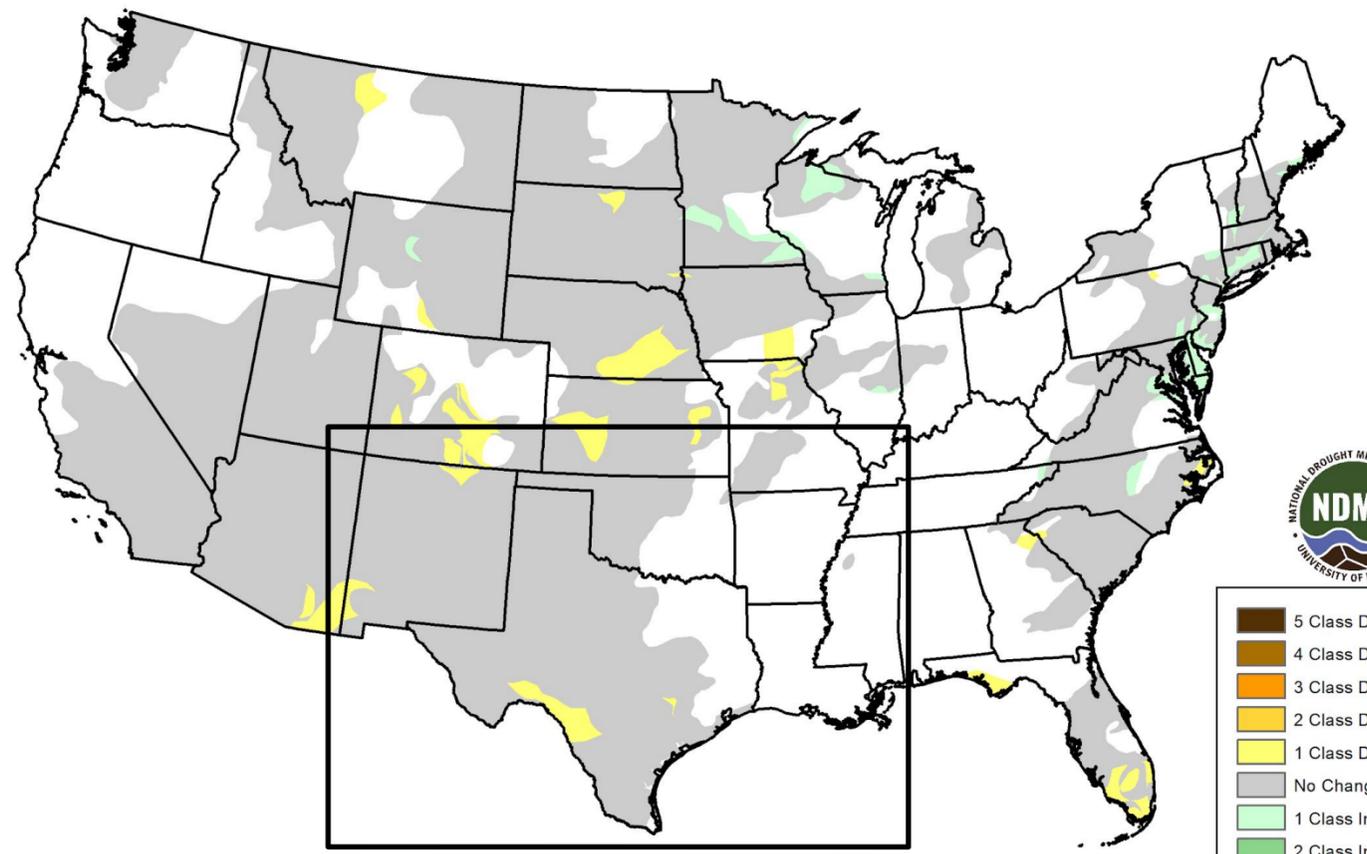
- Drought Impact Types:**
- ~ Delineates dominant impacts
 - S = Short-Term, typically less than 6 months (e.g. agriculture, grasslands)
 - L = Long-Term, typically greater than 6 months (e.g. hydrology, ecology)
- Intensity:**
- None
 - D0 Abnormally Dry
 - D1 Moderate Drought
 - D2 Severe Drought
 - D3 Extreme Drought
 - D4 Exceptional Drought

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



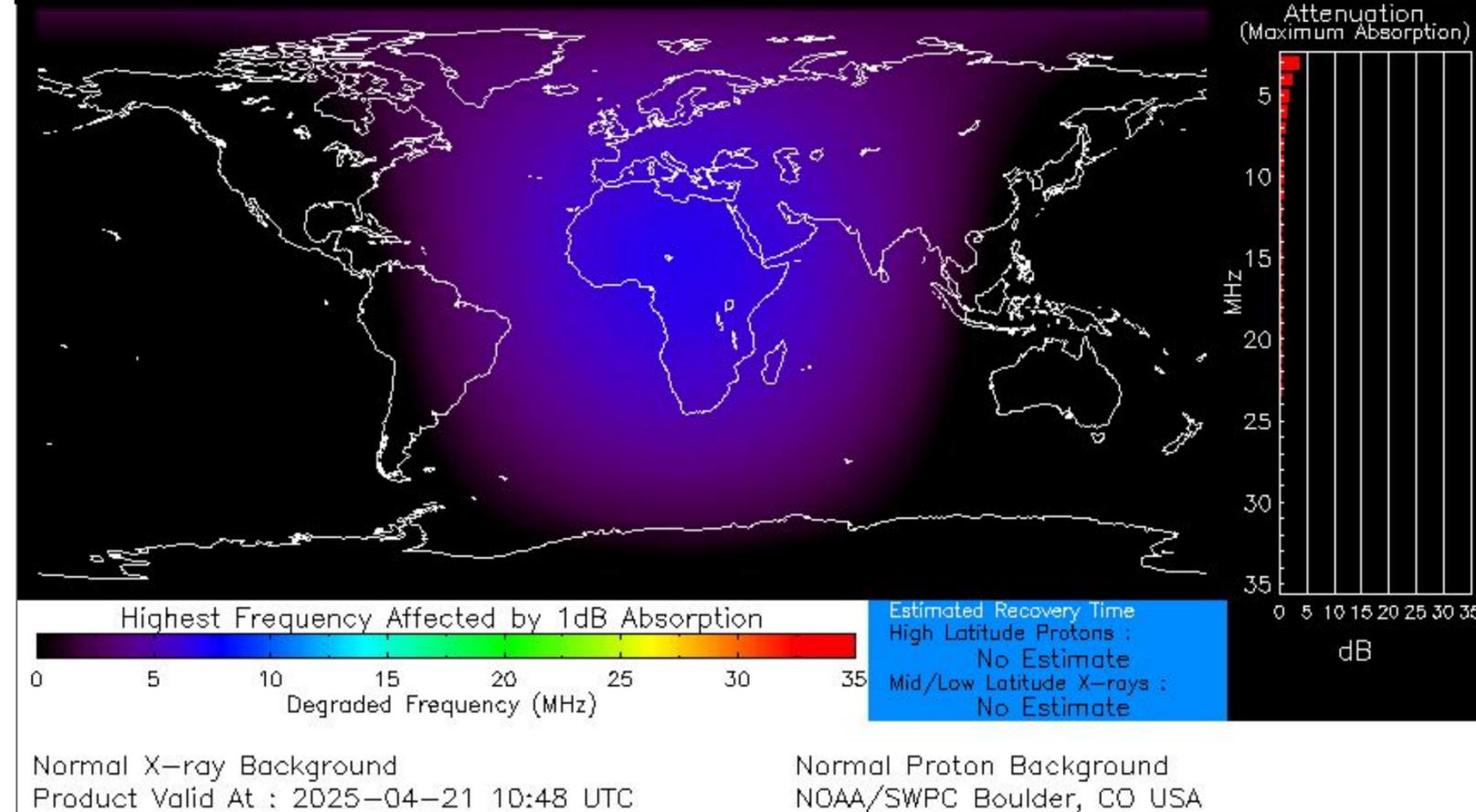
April 15, 2025
compared to
April 8, 2025

droughtmonitor.unl.edu



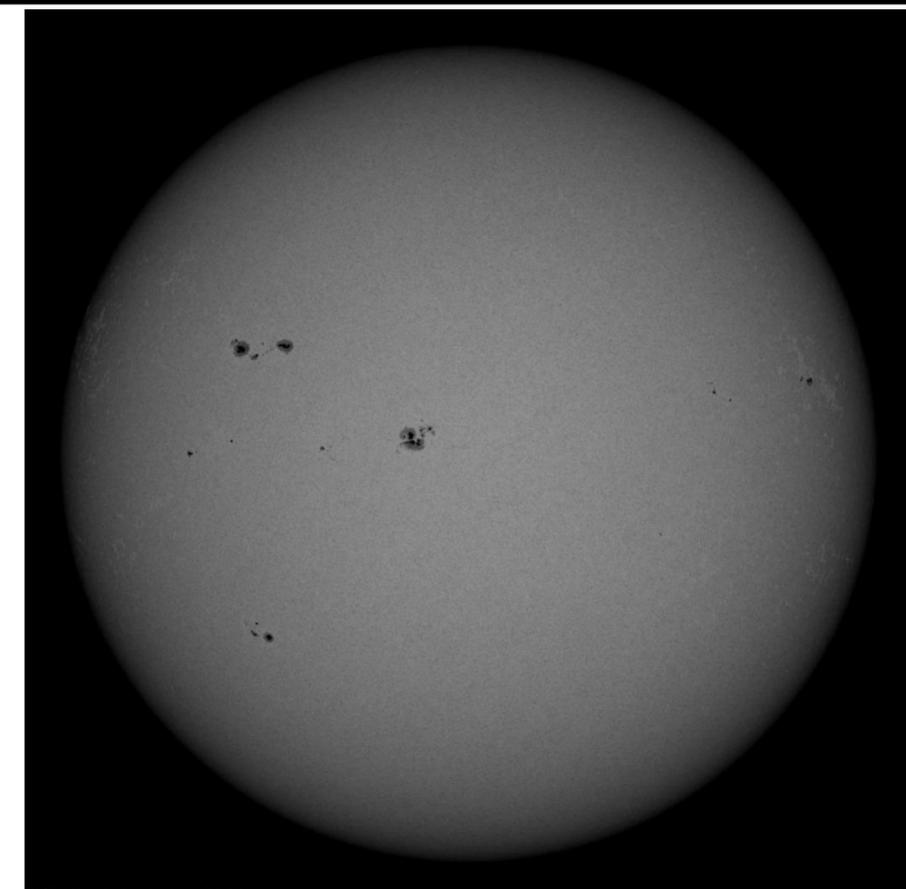
Space Weather 3-Day Forecast

	Monday, Apr 21	Tuesday, Apr 22	Wednesday, Apr 23
Geomagnetic Storms	Active (Max Kp = 4)	Moderate (G2) (Max Kp = 6)	Active (Max Kp = 4)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	40%	40%	40%
Radio Blackout (R3-R5)	5%	5%	5%



[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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Southern Region Headquarters

Regional Operations Center

Fort Worth, TX



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