



FEMA



Prepared by
Brian Hoeth

FEMA Region 6 Weather Threat Briefing

Monday, April 29, 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 excessive rainfall/flash flooding**
 - **Today: SE TX, S LA**
 - **Wednesday: OK, N/Ctrl TX**
 - **Thursday: OK, N/Ctrl/E TX, AR, NW LA**
- **Slight risk for severe thunderstorms across W OK into NW TX on Wednesday.**
- **Minor/Moderate river flooding in S OK, E TX and LA.**



FEMA Region 6 Threat Matrix

Next 5 Days

	Monday, Apr 29	Tuesday, Apr 30	Wednesday, May 1	Thursday, May 2	Friday, May 3
Severe Storms	STX, LA	OK, NW/W TX	W OK, NW TX		
Heavy Rain / Flash Flooding	SETX, S LA	OK, NW TX	OK, N/Ctrl TX	OK, N/Ctrl/ETX, AR, NW LA	ETX, LA, S AR
Fire Weather			NM, Far W TX, TX/OK Panhandles	NM, Far W TX	
Wind					
Heat					
River Flooding	S OK, ETX, LA	S OK, ETX, LA	S OK, ETX, LA	ETX, LA	ETX, LA

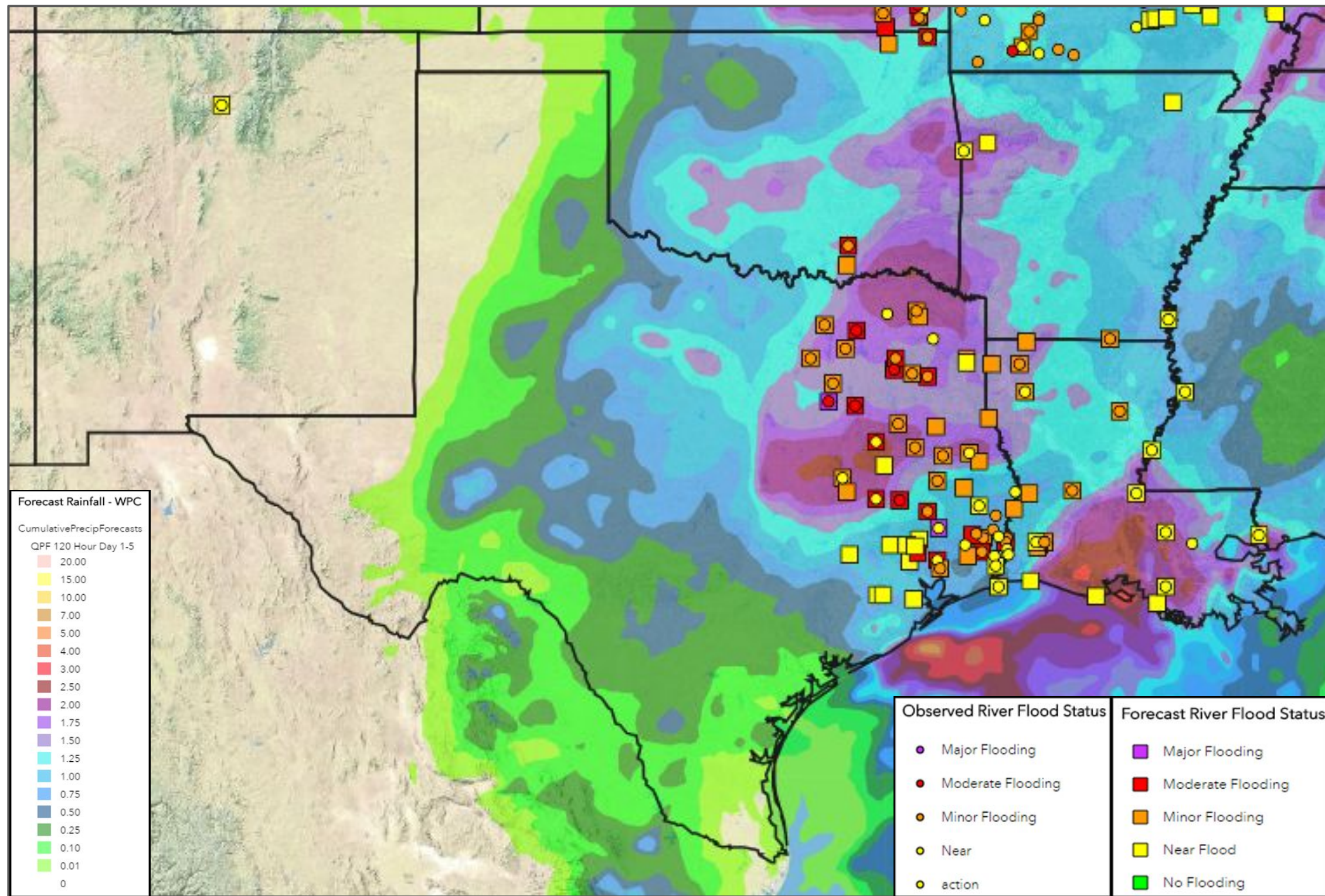
**Threat levels are based on FEMA Region 6 criteria.
State or local threat level criteria may differ.*
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

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

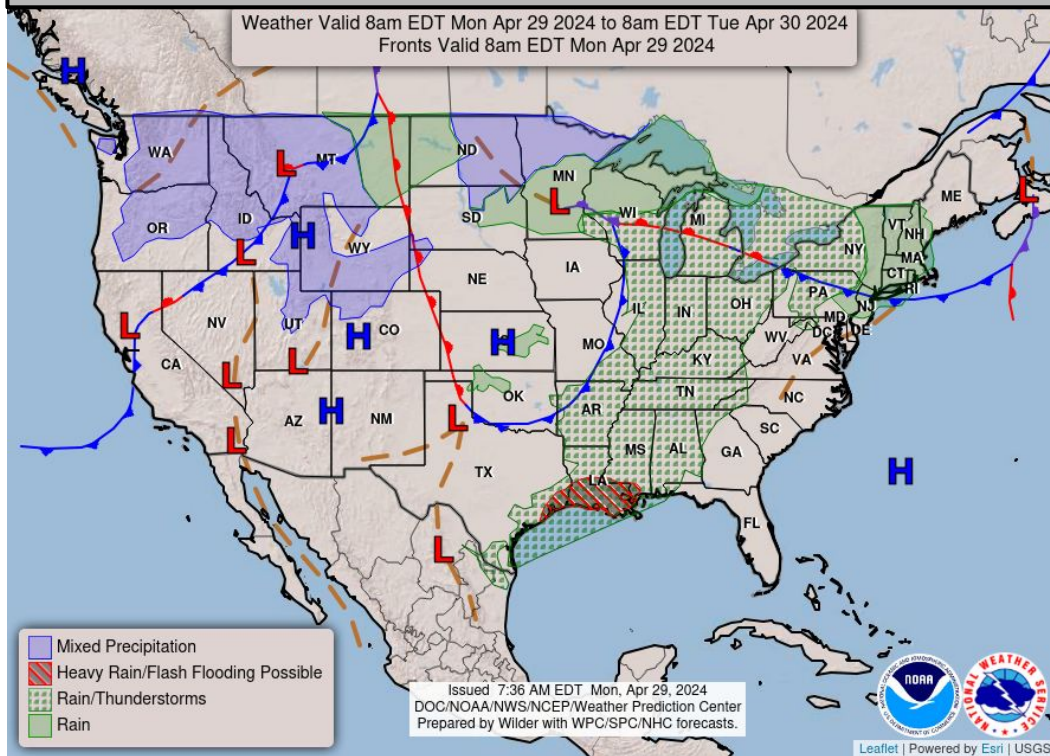


Minor to moderate river flooding in S OK, E TX, LA.

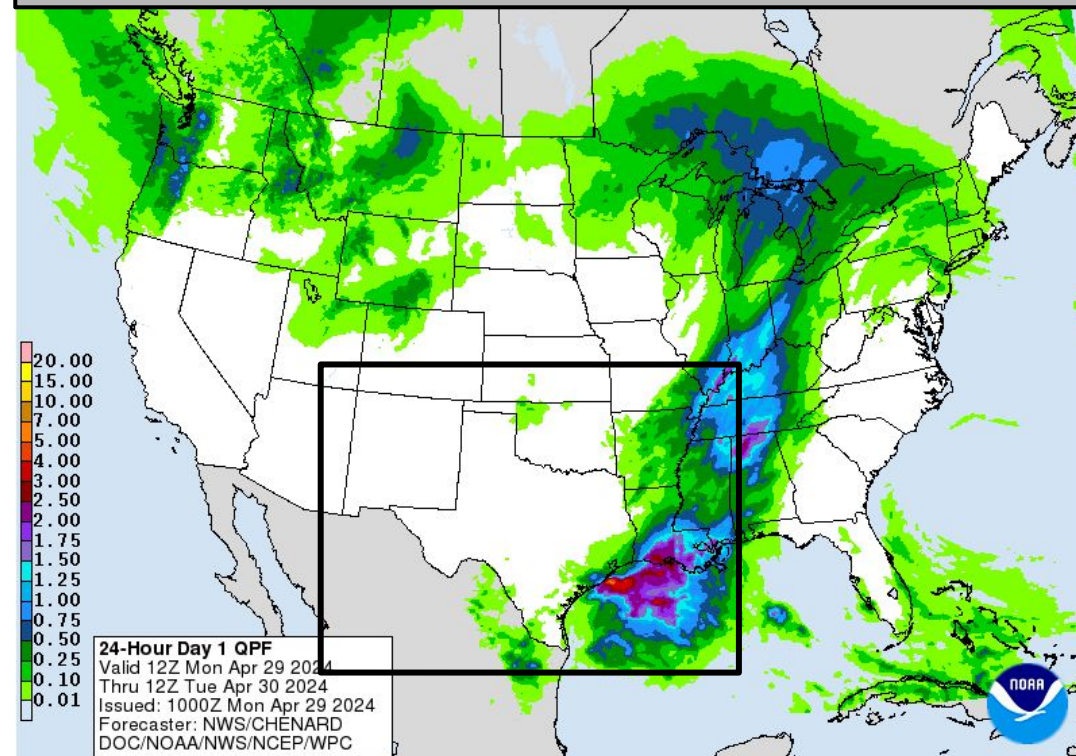


Today's Weather

Forecast Chart



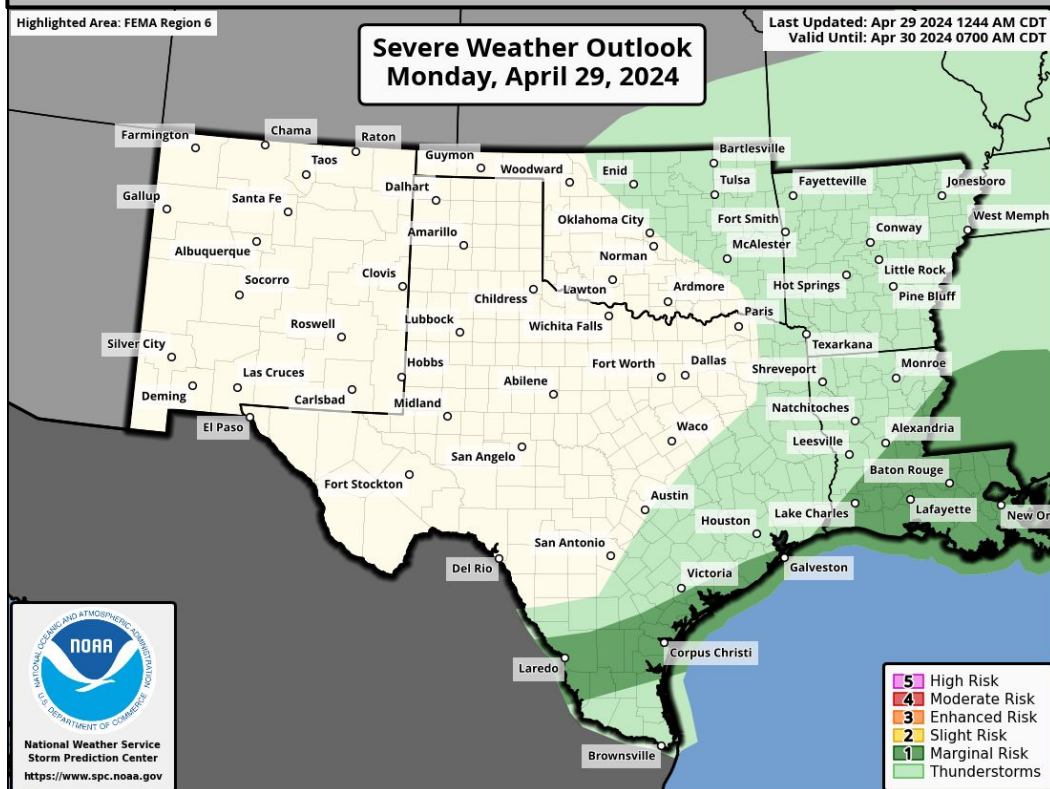
Forecast Rainfall



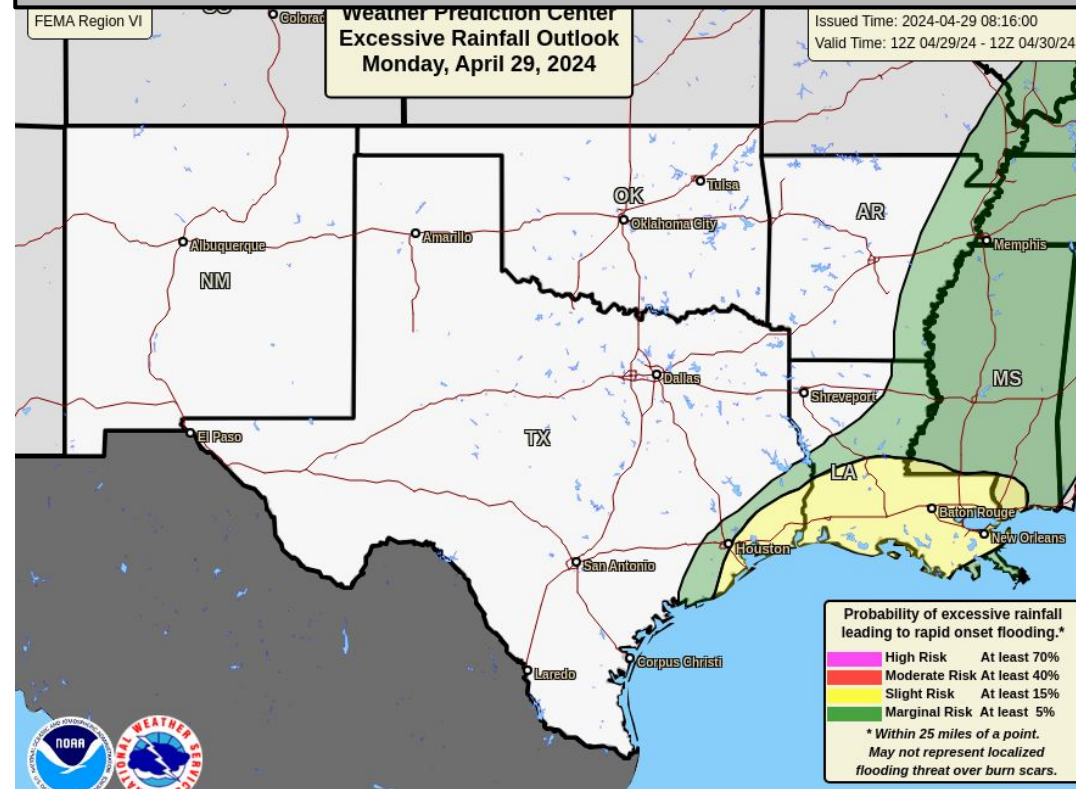
Marginal risk of strong/severe thunderstorms for S TX, LA.

Slight risk of excessive rainfall/flash flooding for SE TX, S LA.

Severe Weather Outlook



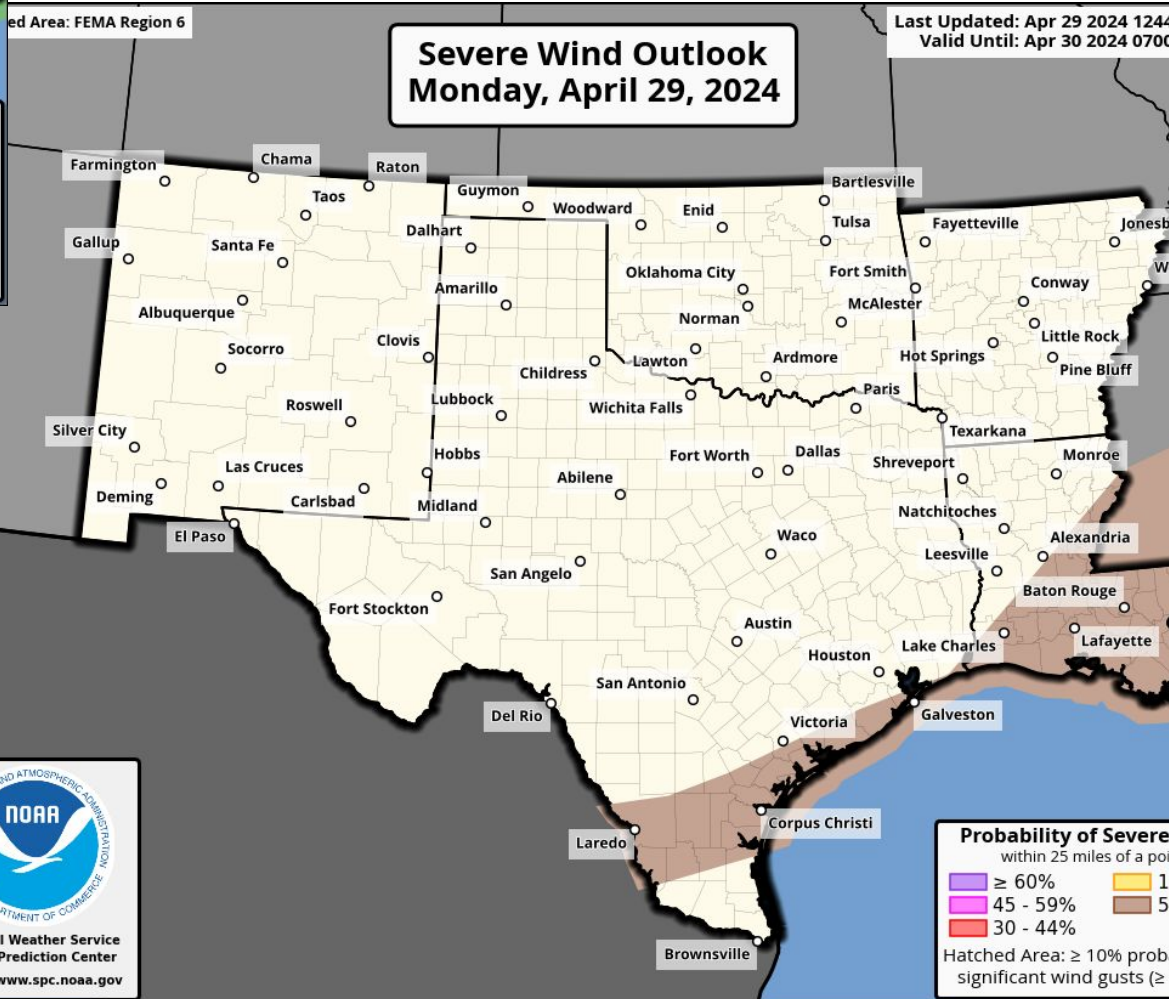
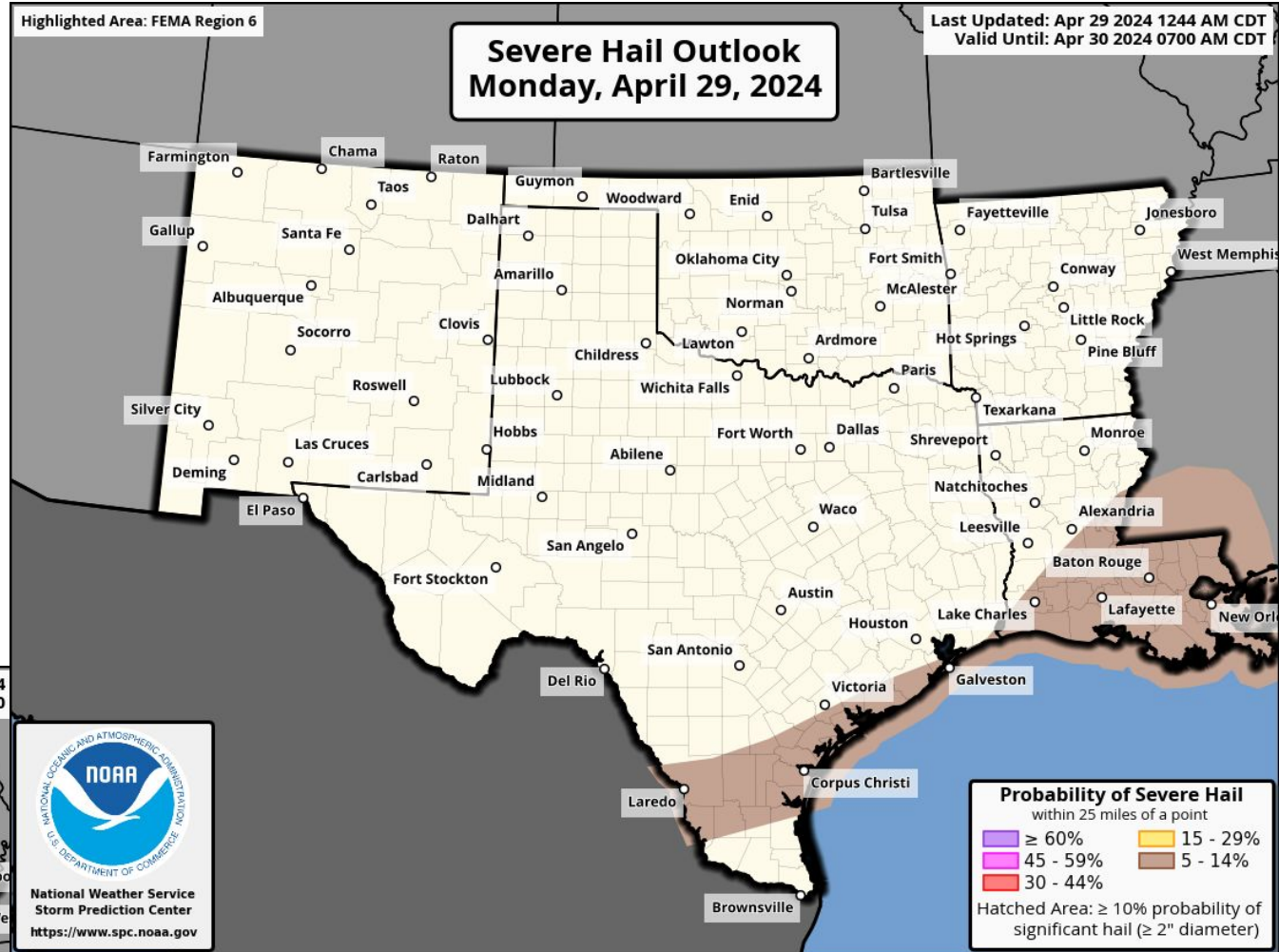
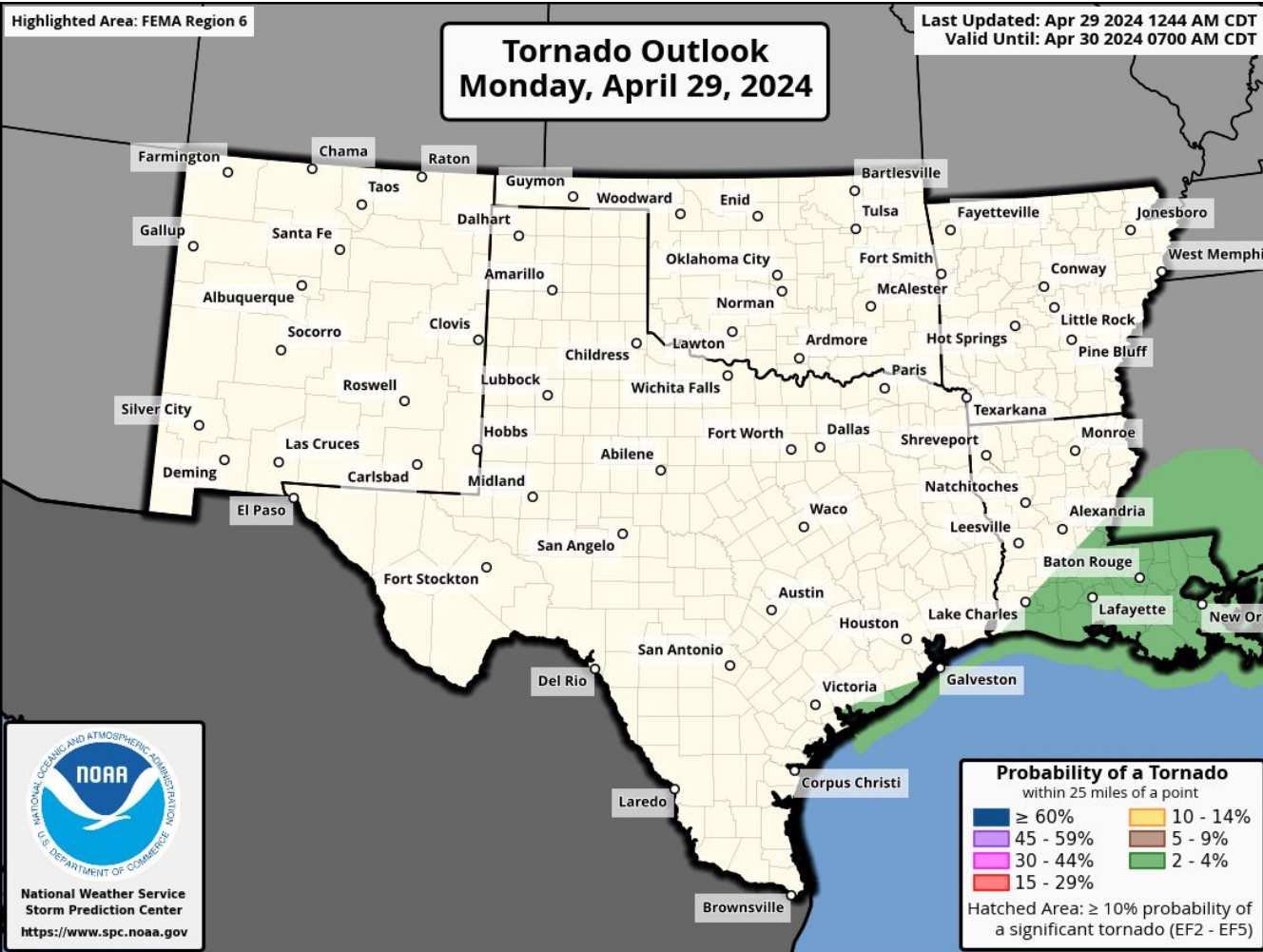
Excessive Rainfall Outlook





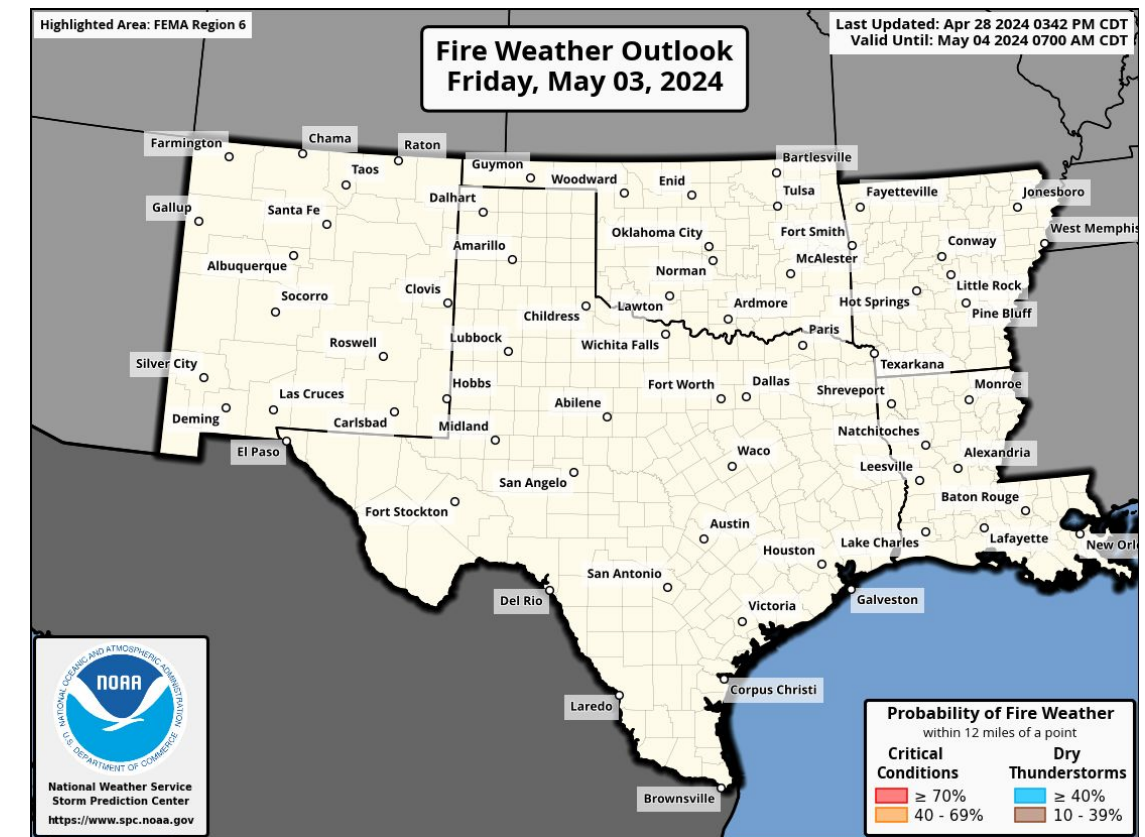
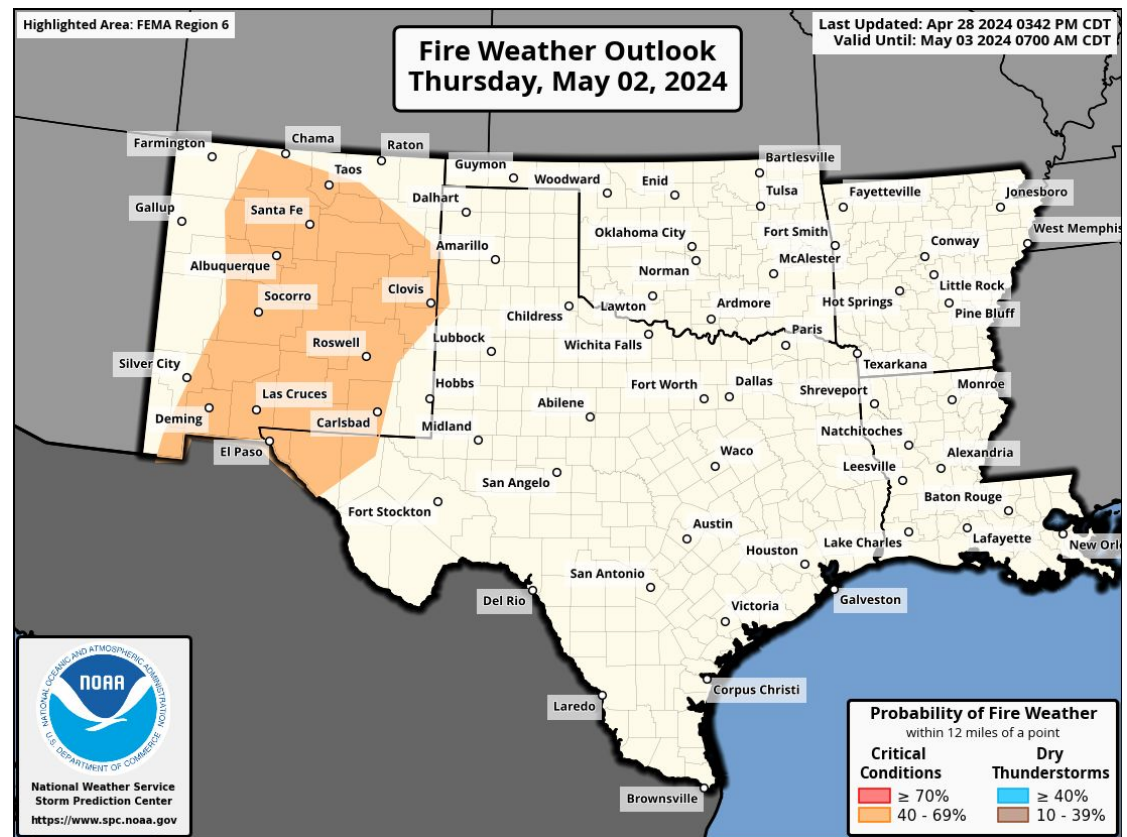
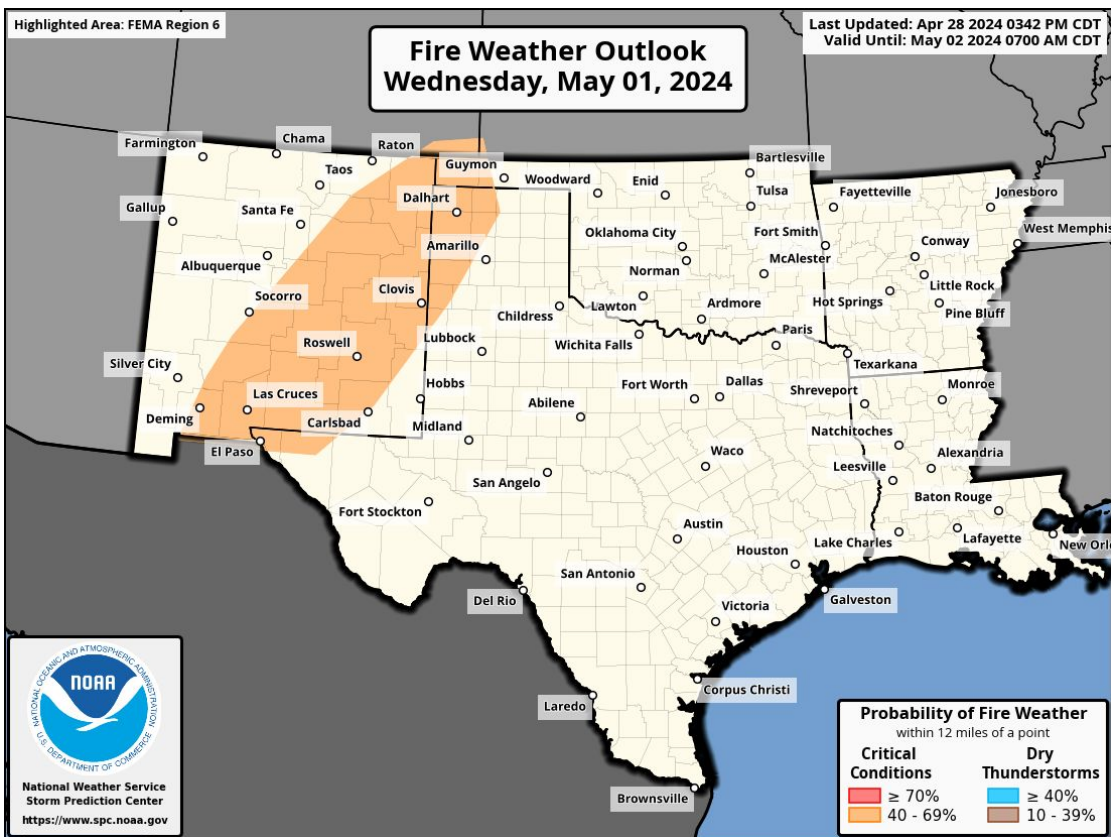
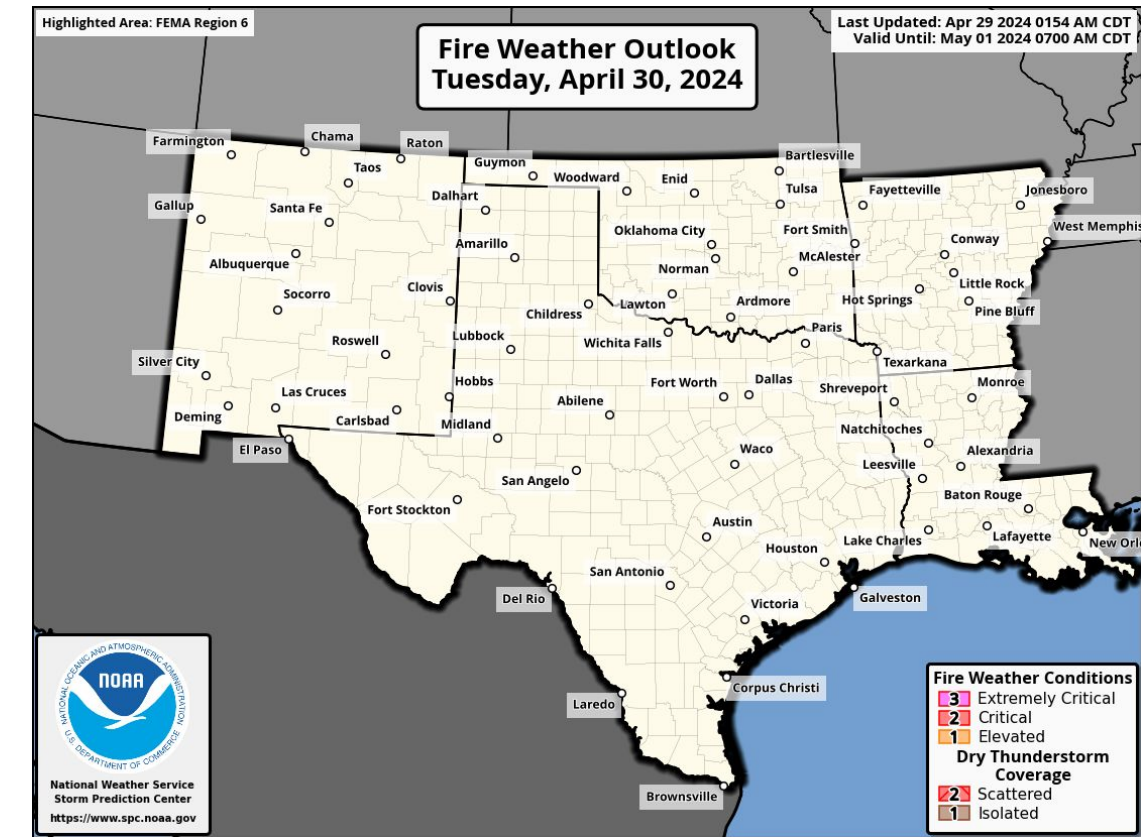
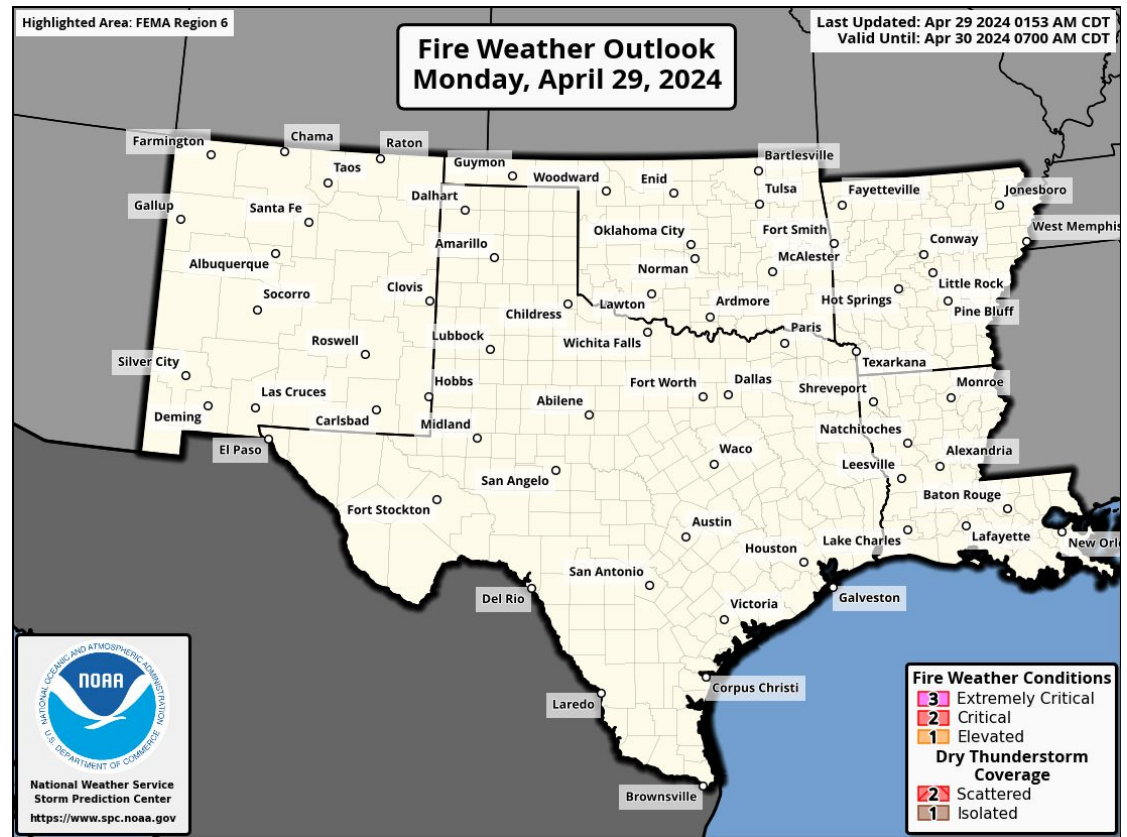
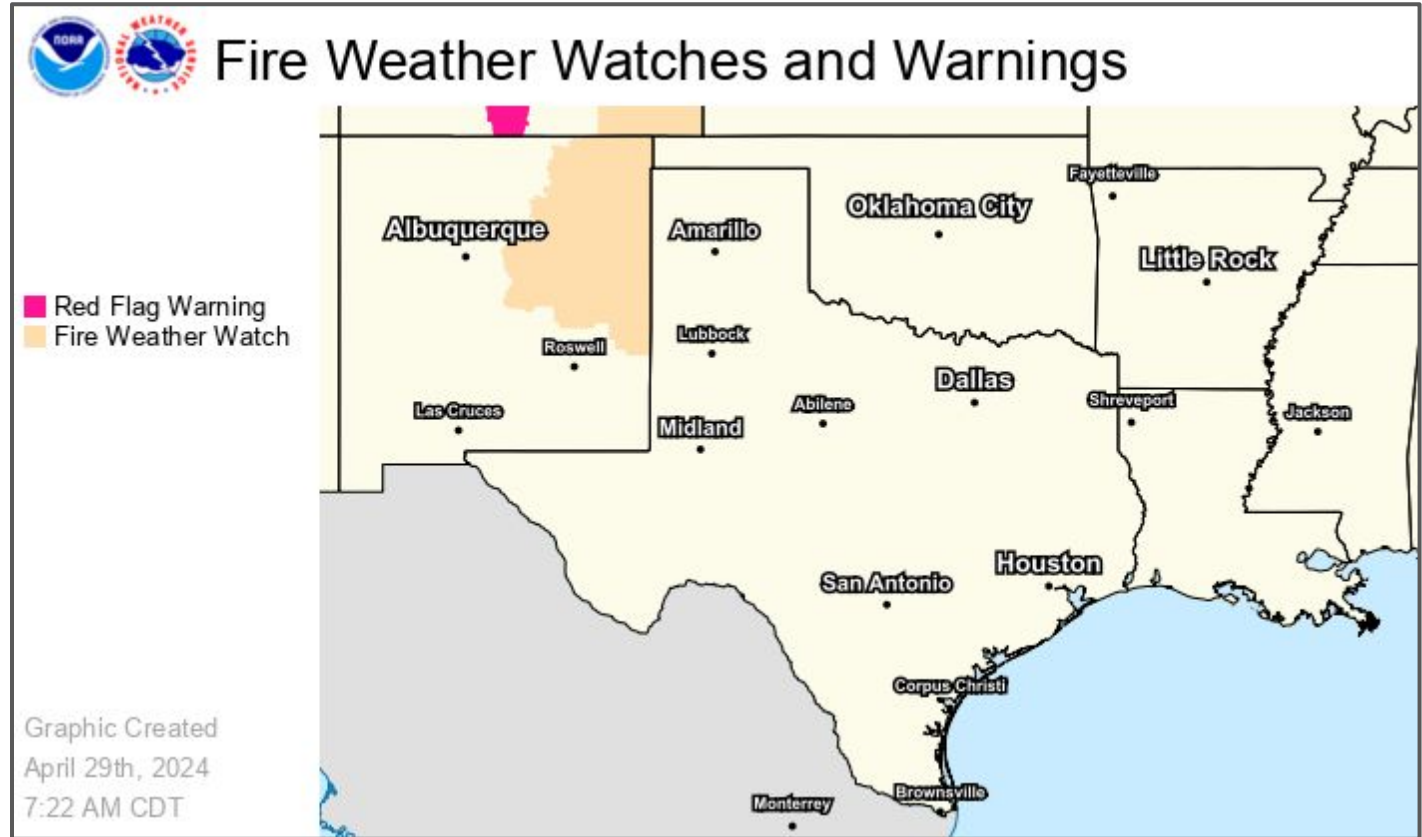
Today's Tornado & Severe Wind / Hail Probabilities

April 29, 2024





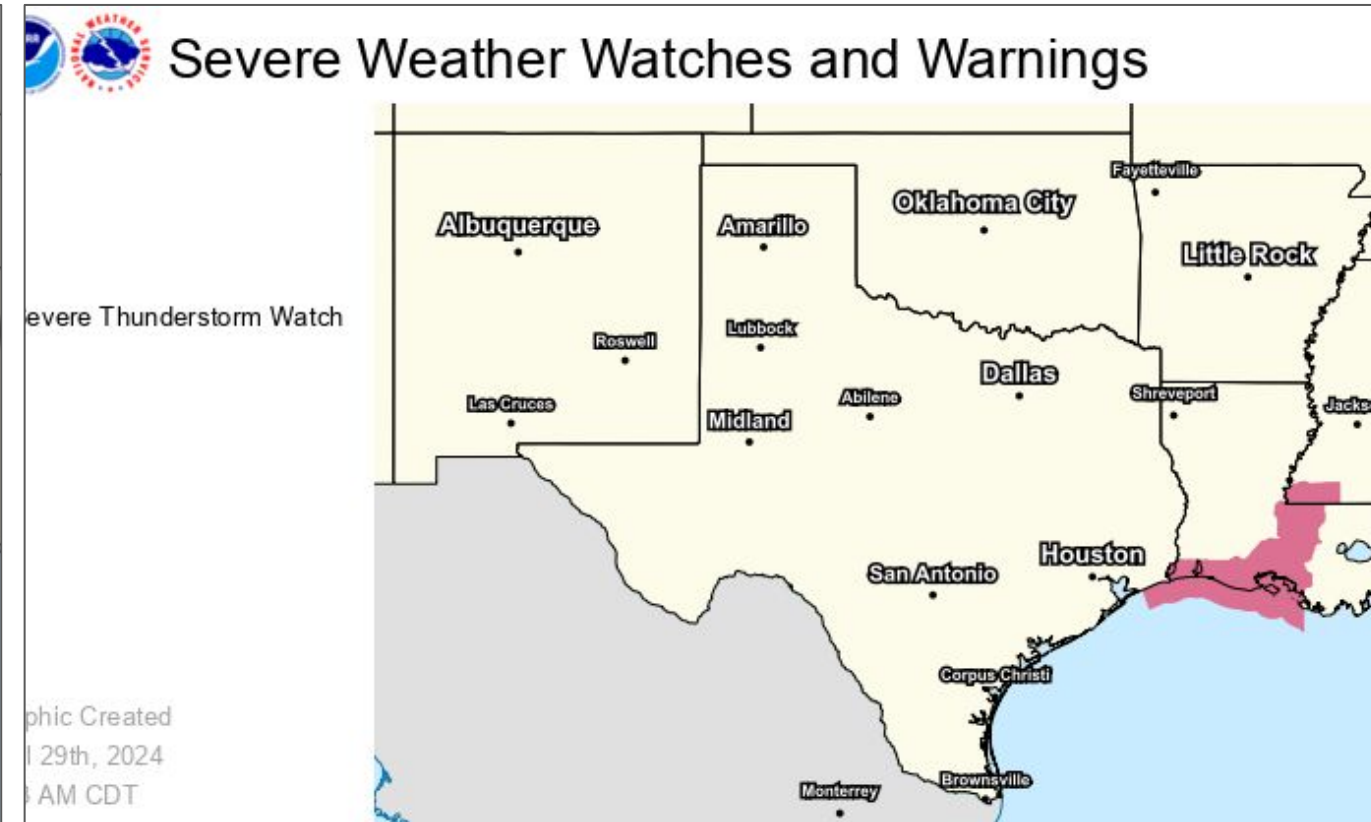
Fire Weather Outlooks





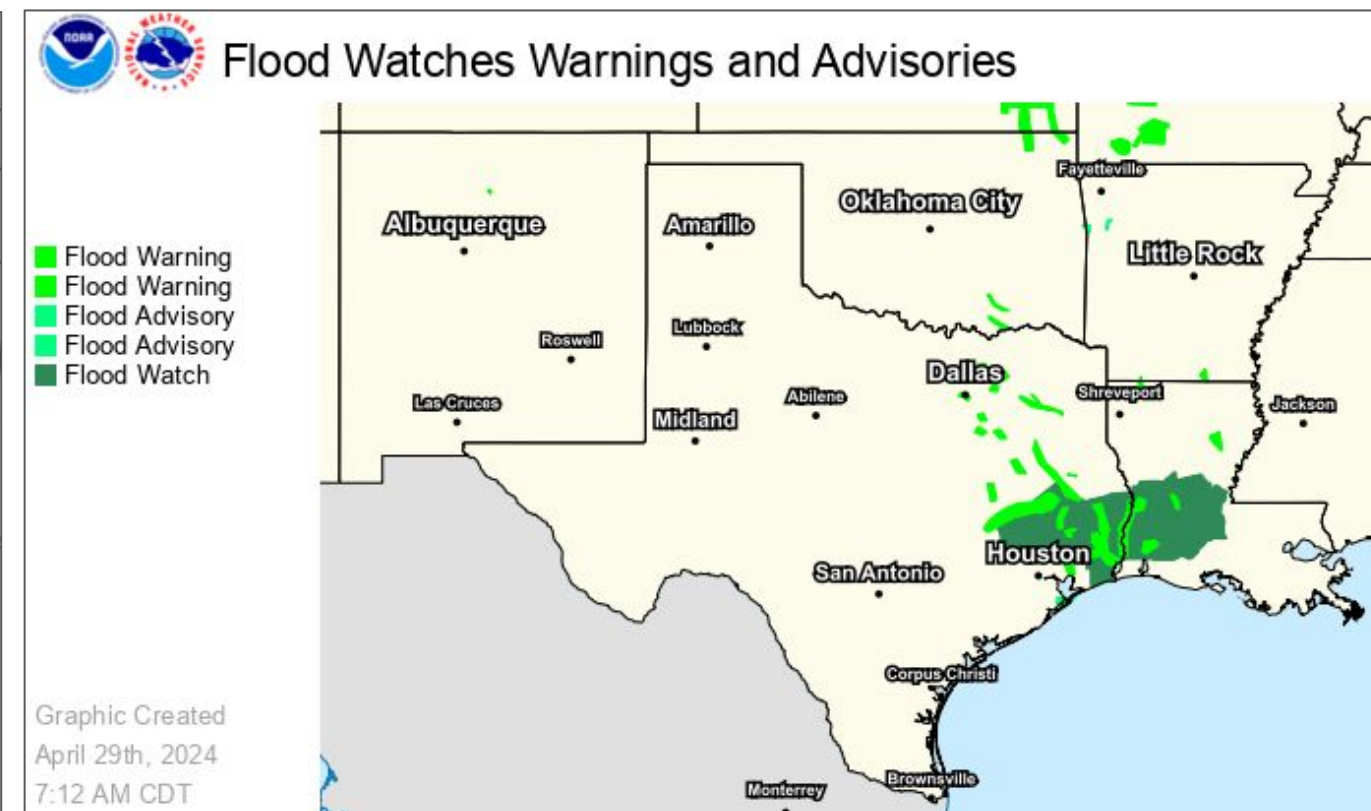
Watches, Warnings, and Advisories

Wind, Severe, Winter, and Flood Hazards



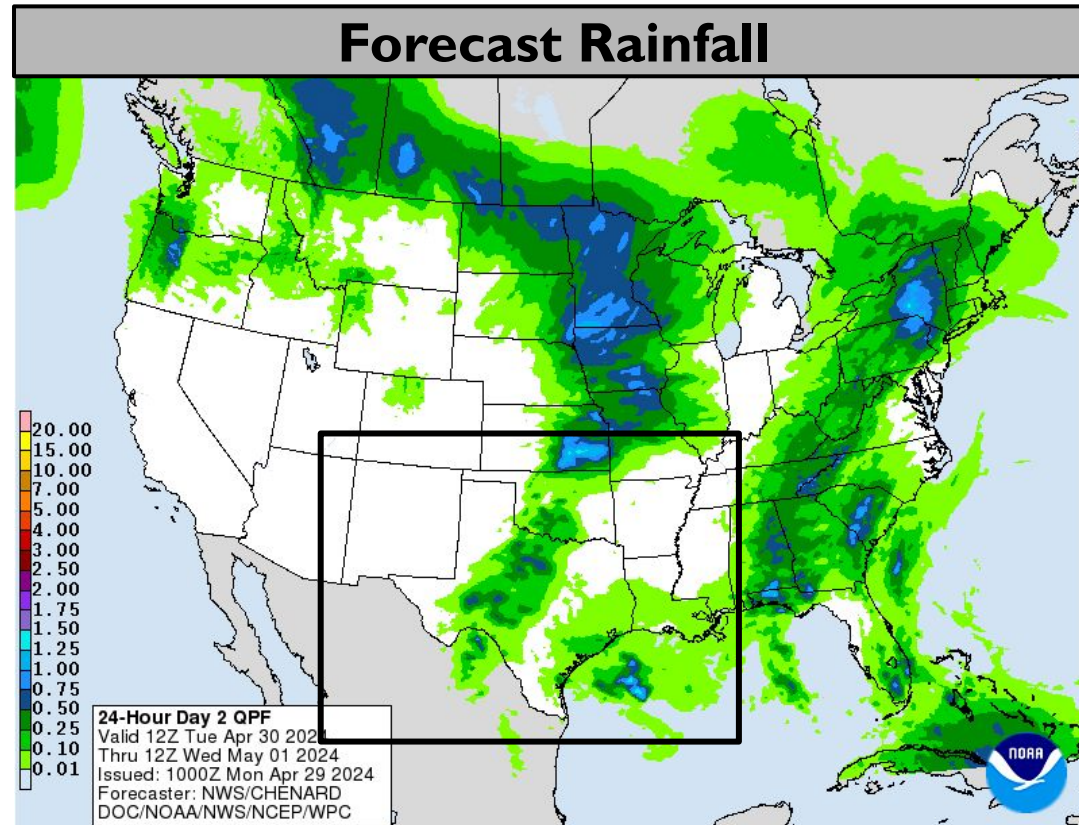
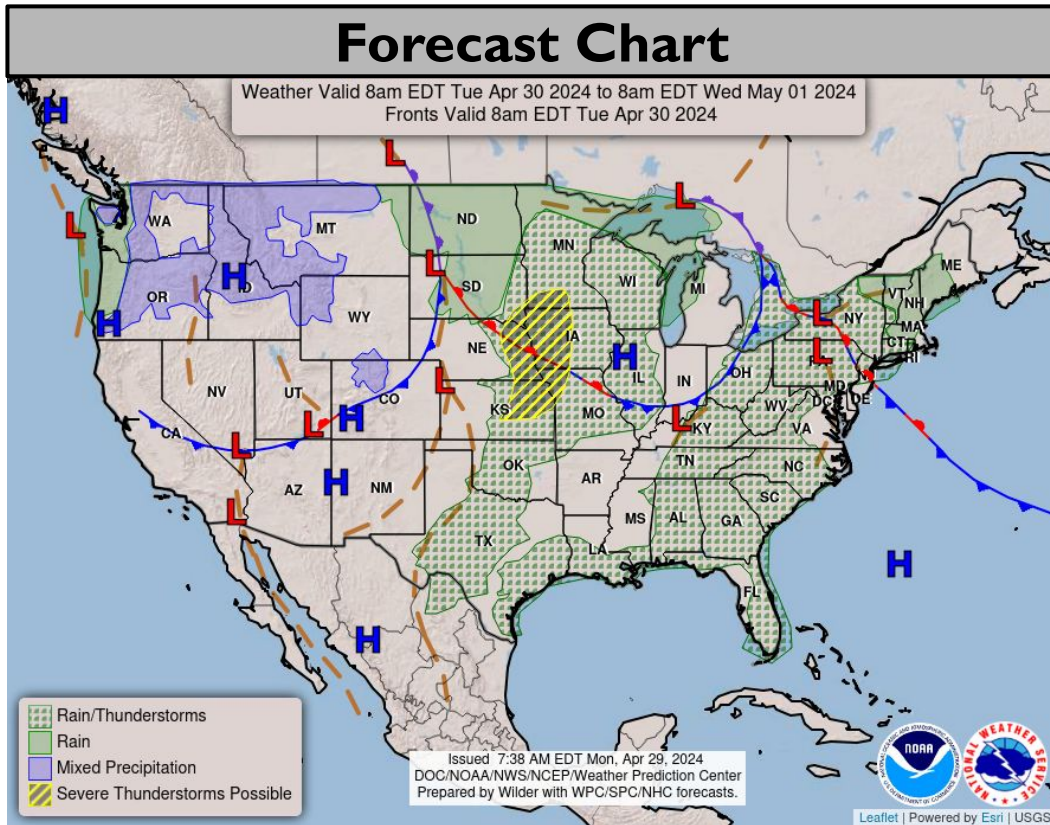
Severe Thunderstorm Watch for S LA through 9AM CDT.

Flood watches in effect for SETX, SW/Ctrl LA today.



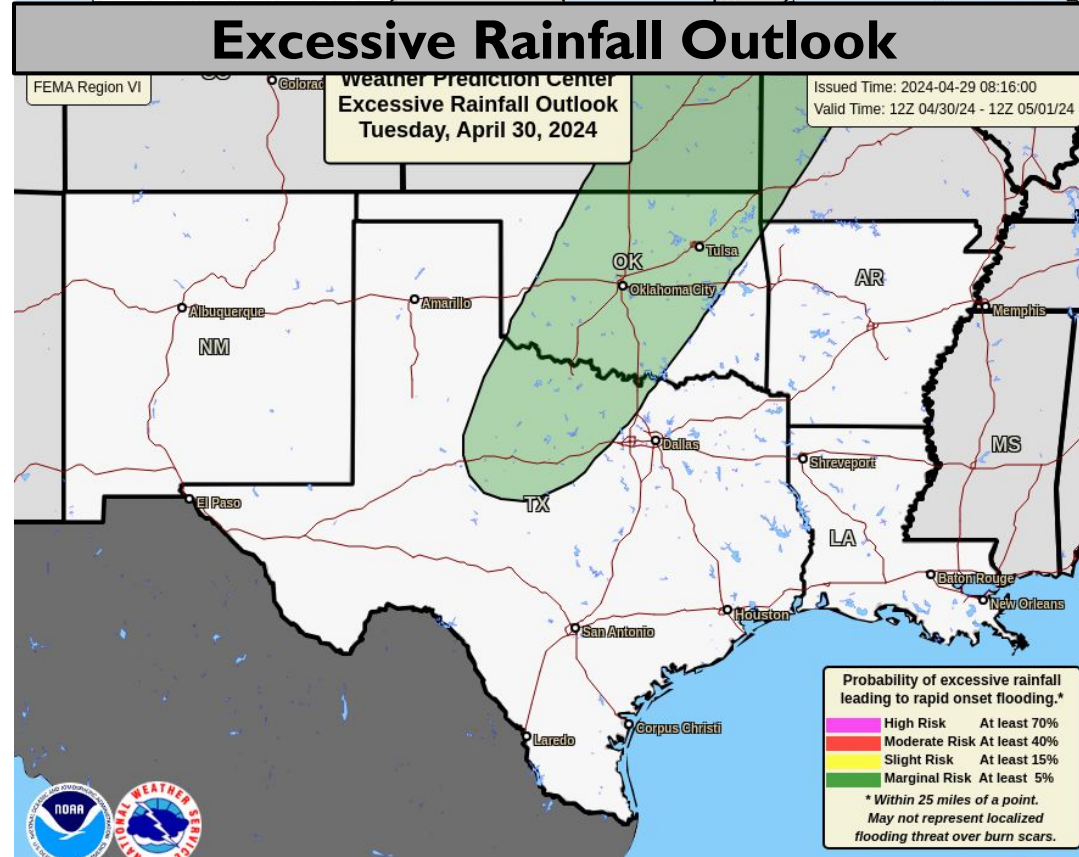
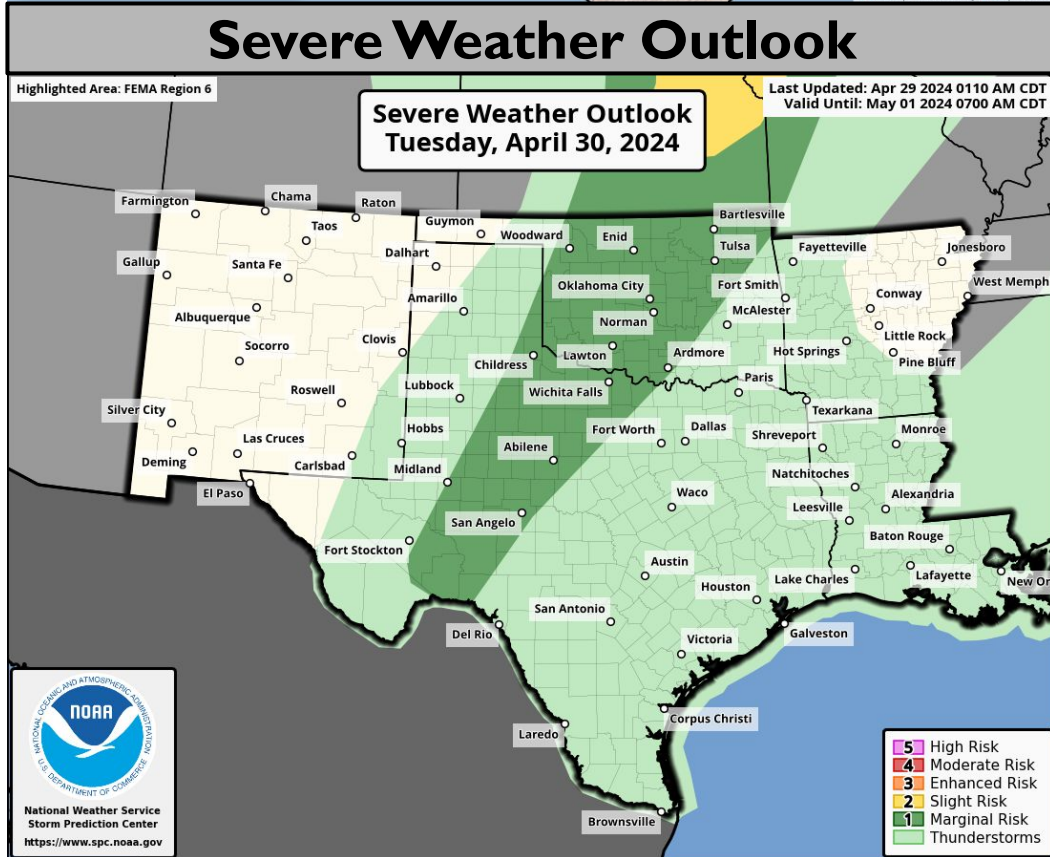


Tomorrow's Weather



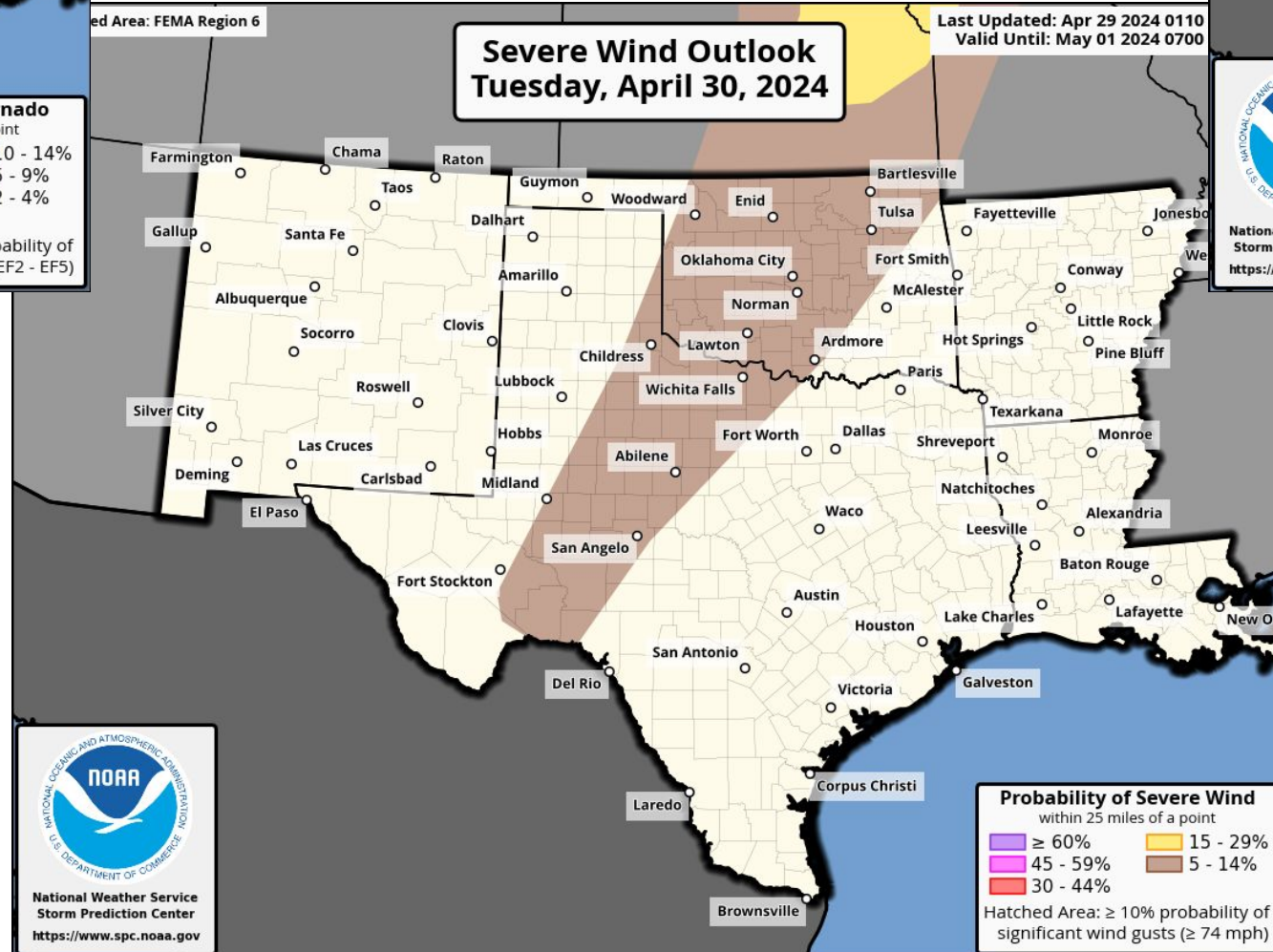
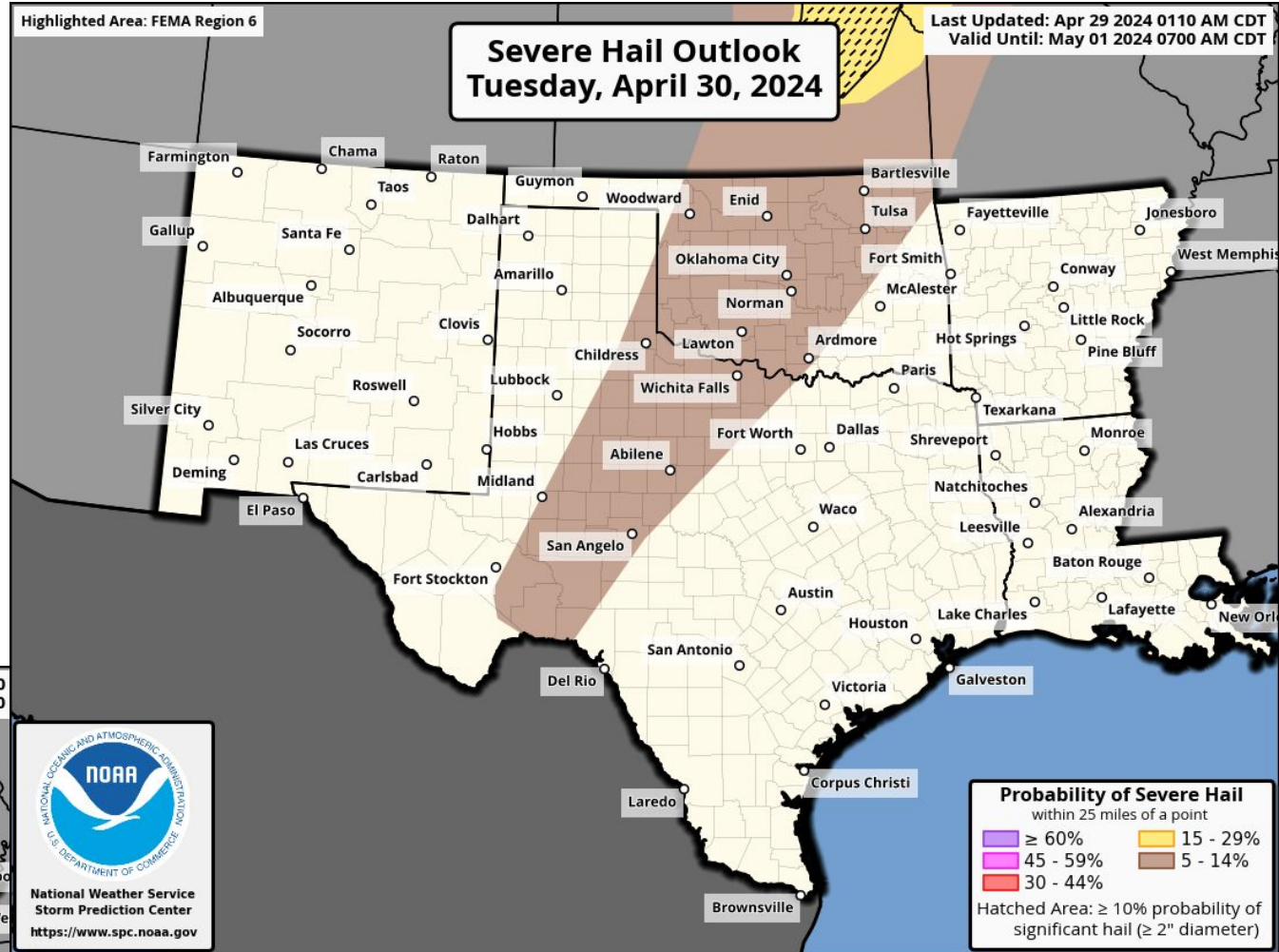
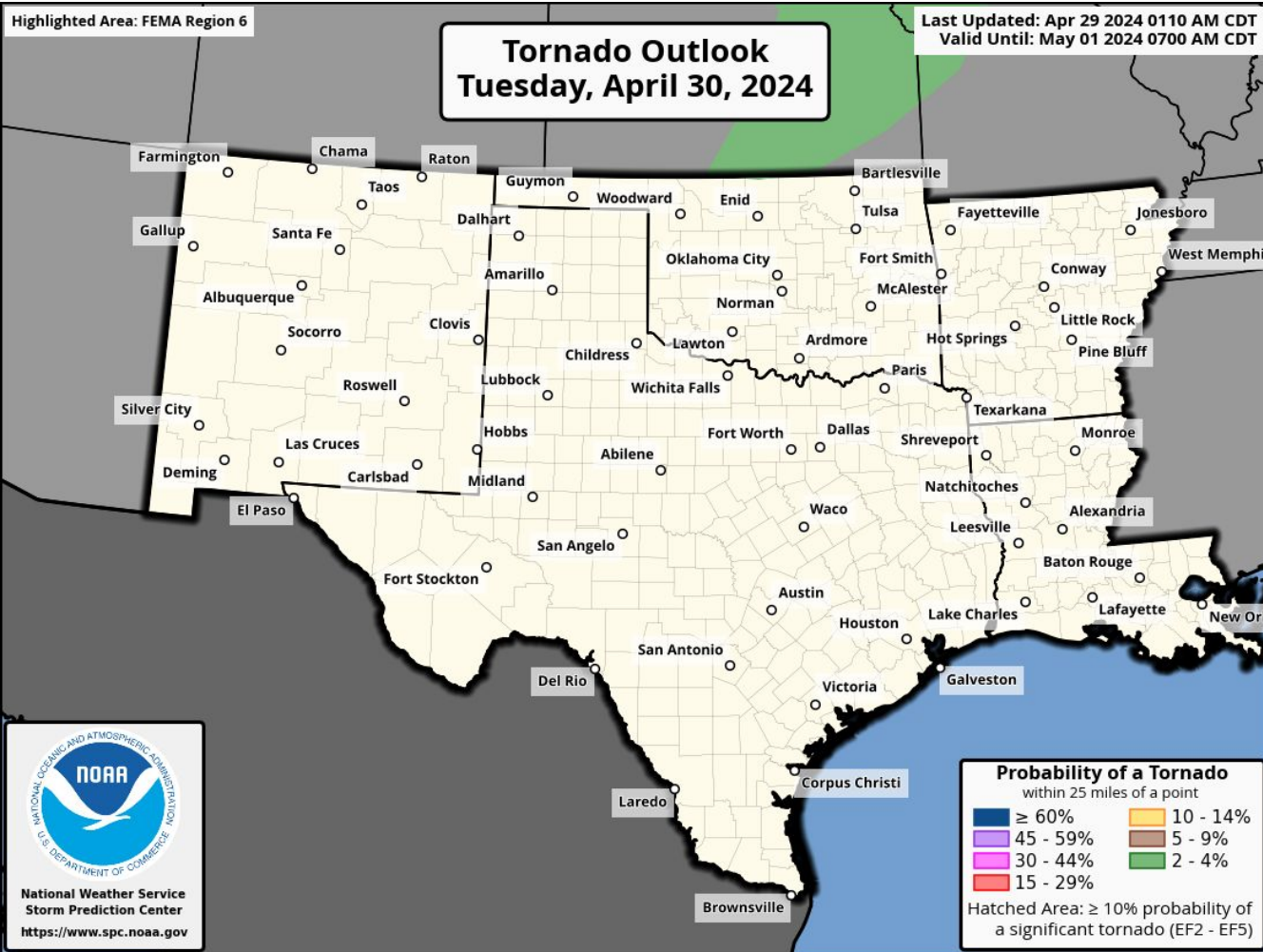
Marginal risk of severe storms for OK, NW/W TX.

Marginal risk of excessive rainfall/flash flooding for OK, NW TX.



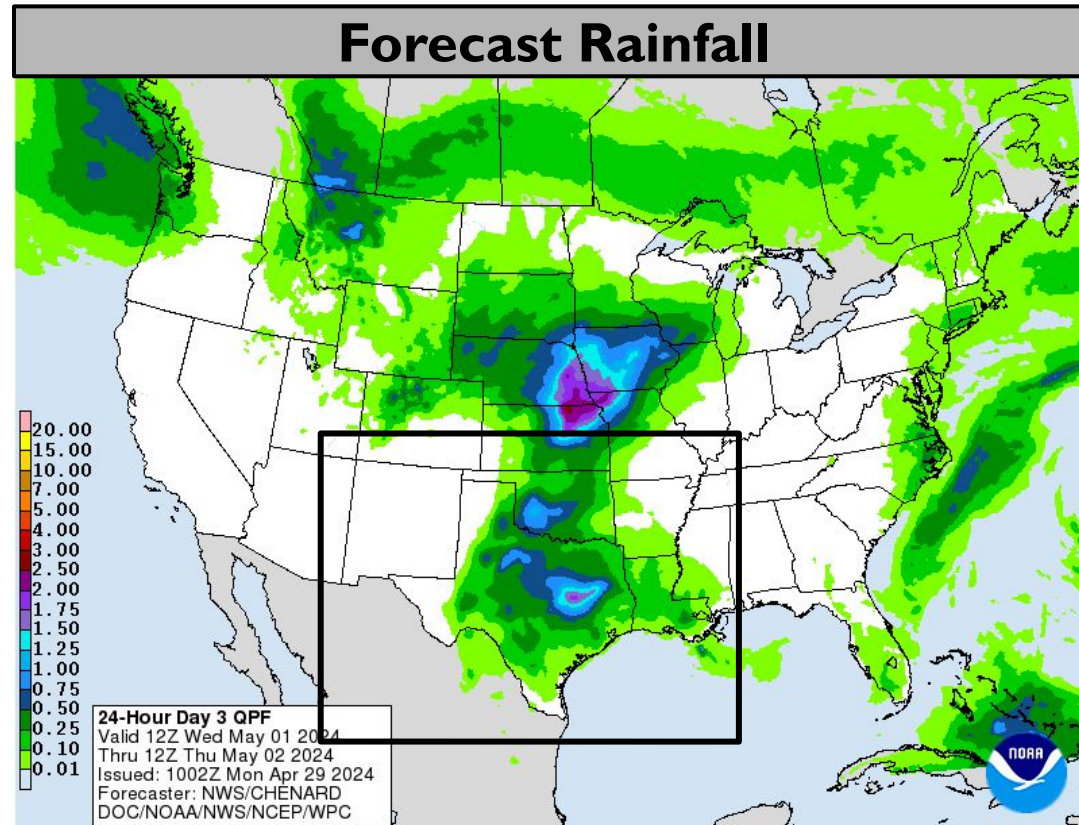
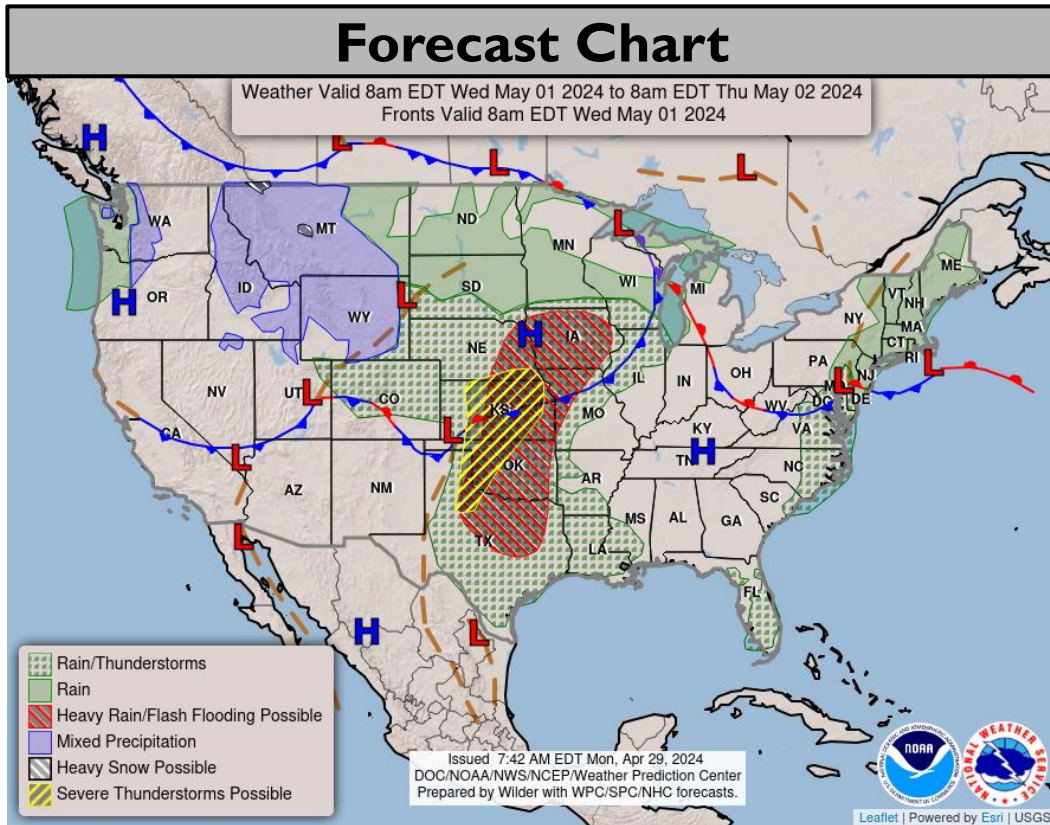


Tomorrow's Tornado & Severe Wind / Hail Probabilities



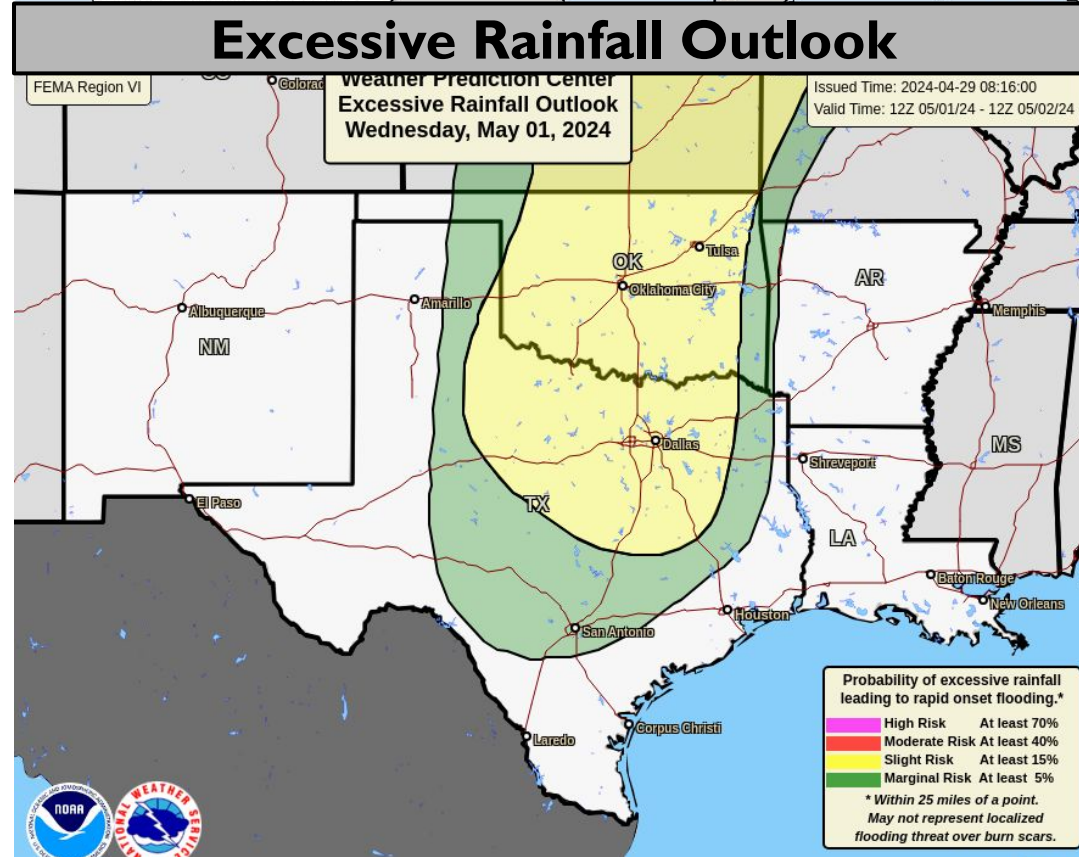
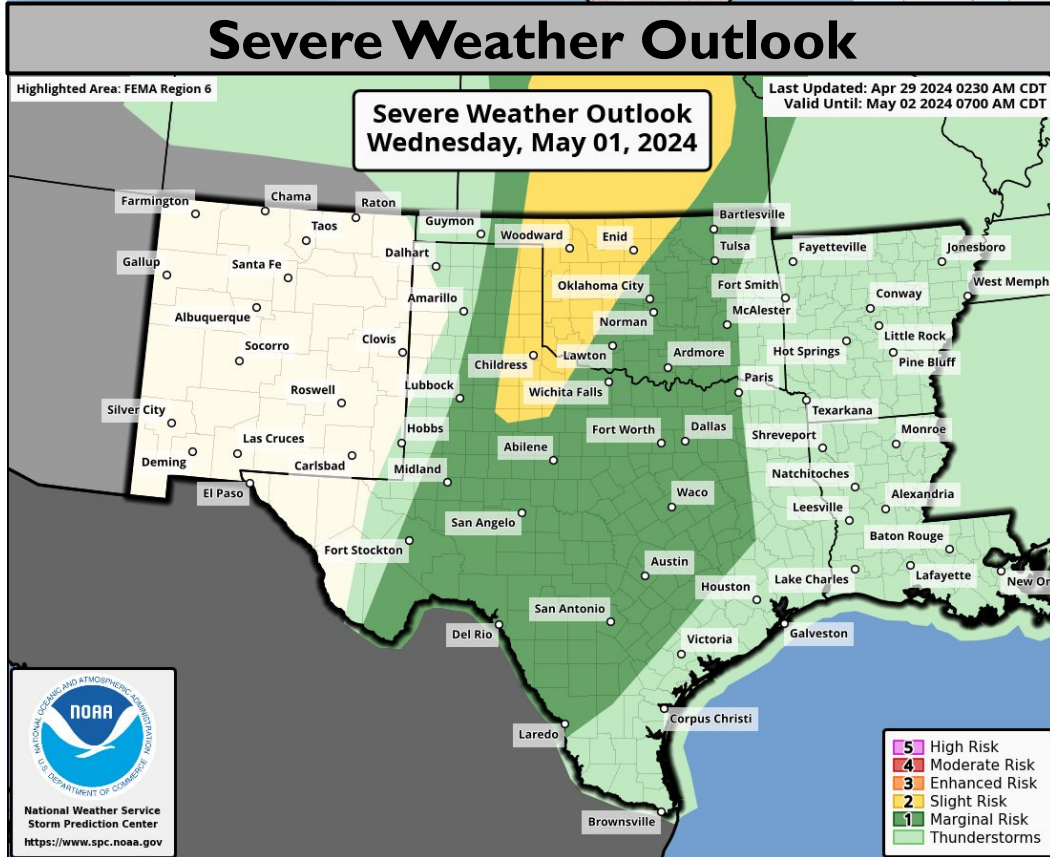


Wednesday's Weather



Slight risk of severe storms for W OK, NW TX.

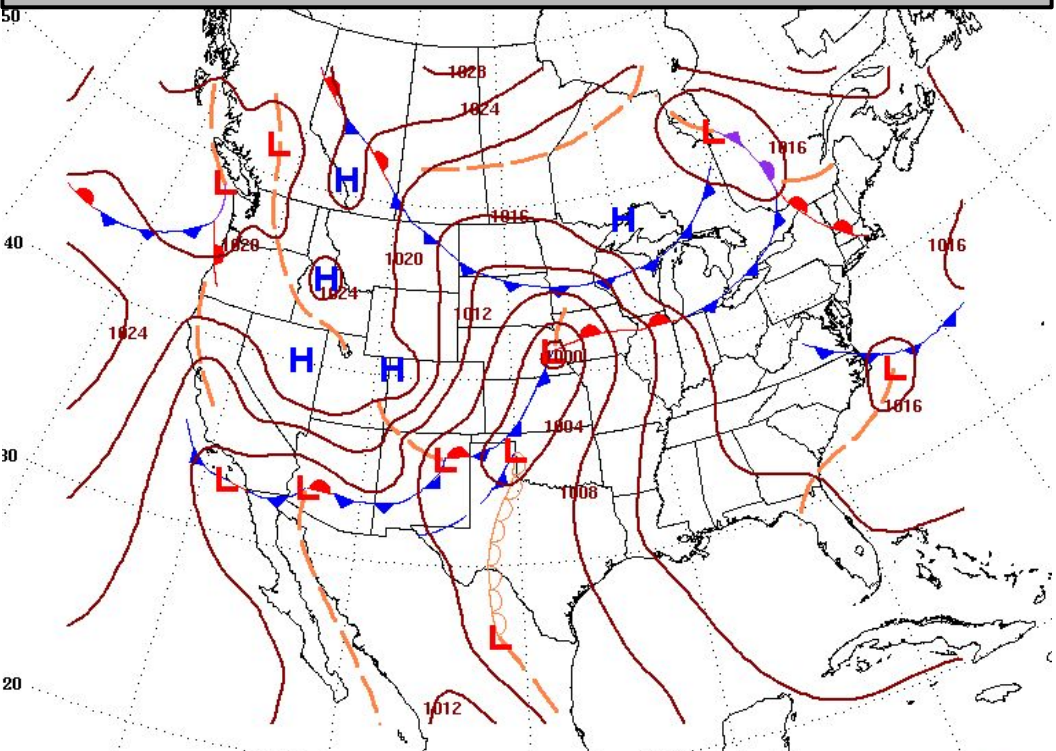
Slight risk area for heavy rain/flash flooding across OK, N/Ctrl TX.



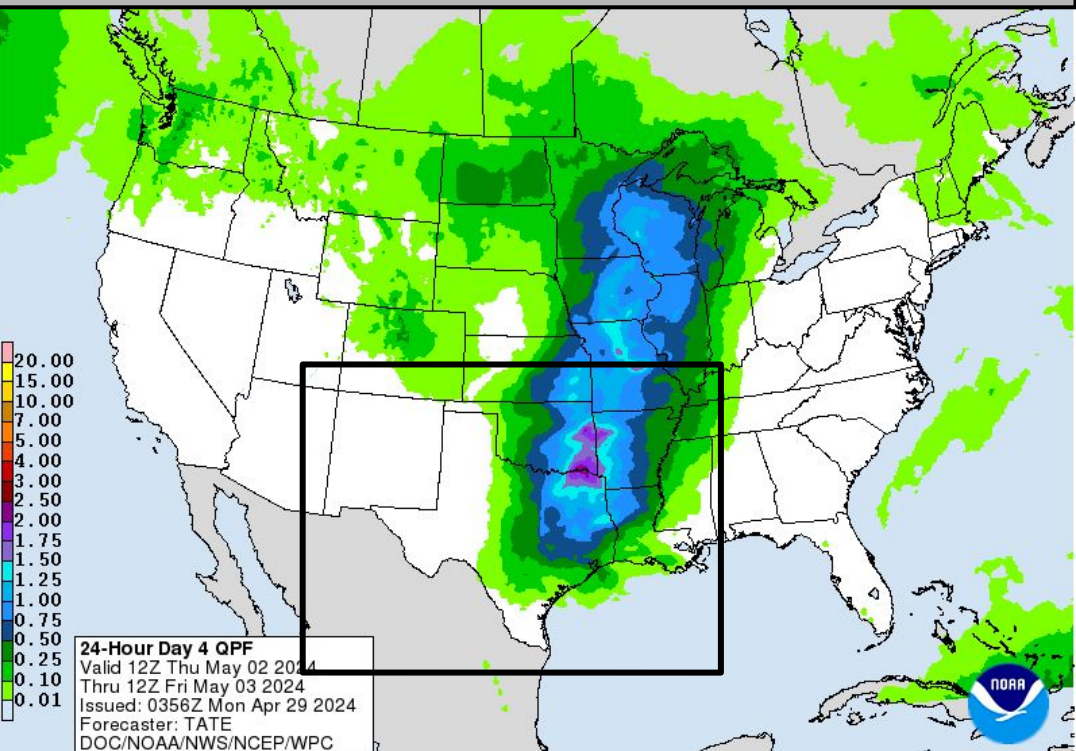


Thursday's Weather

Forecast Chart

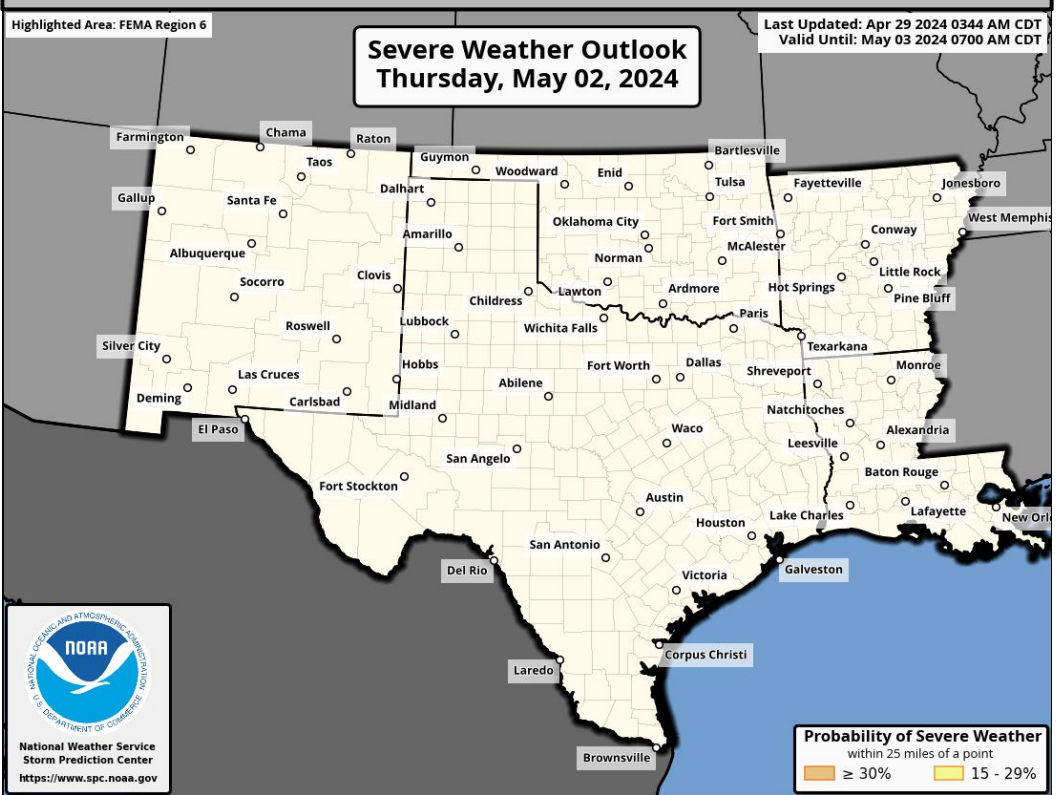


Forecast Rainfall

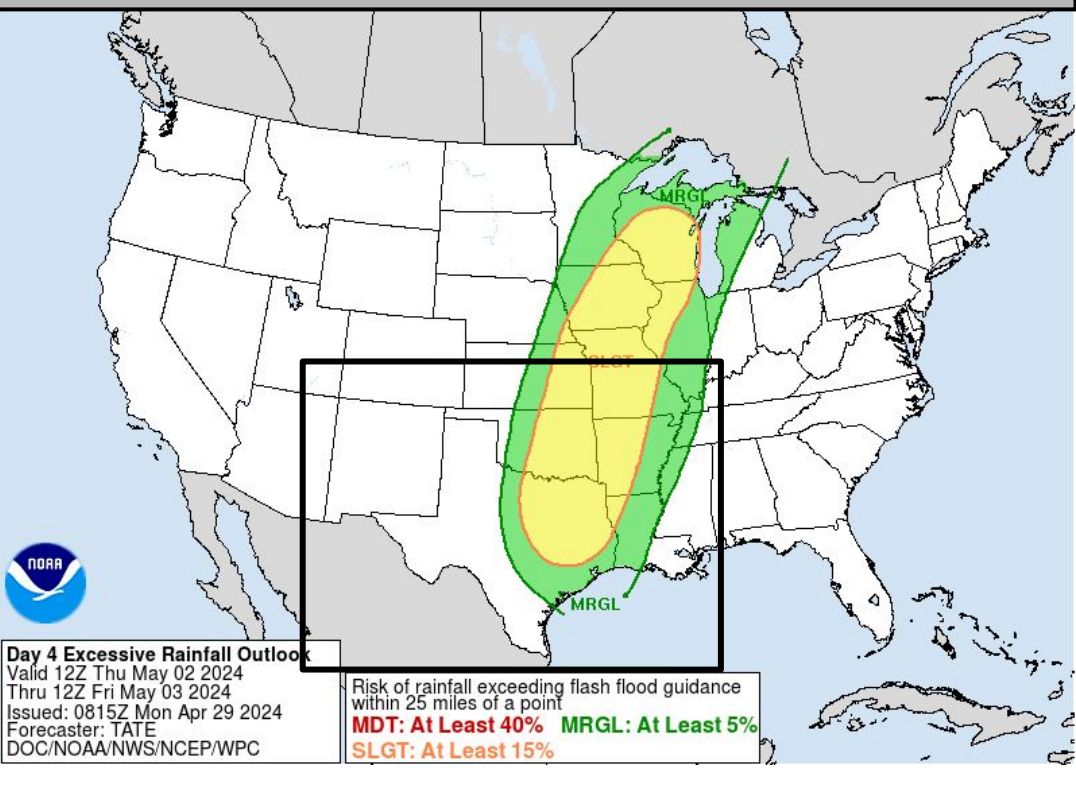


Slight risk of excessive rainfall/flash flooding for OK, N/Ctr/E TX, AR, NW LA.

Severe Weather Outlook



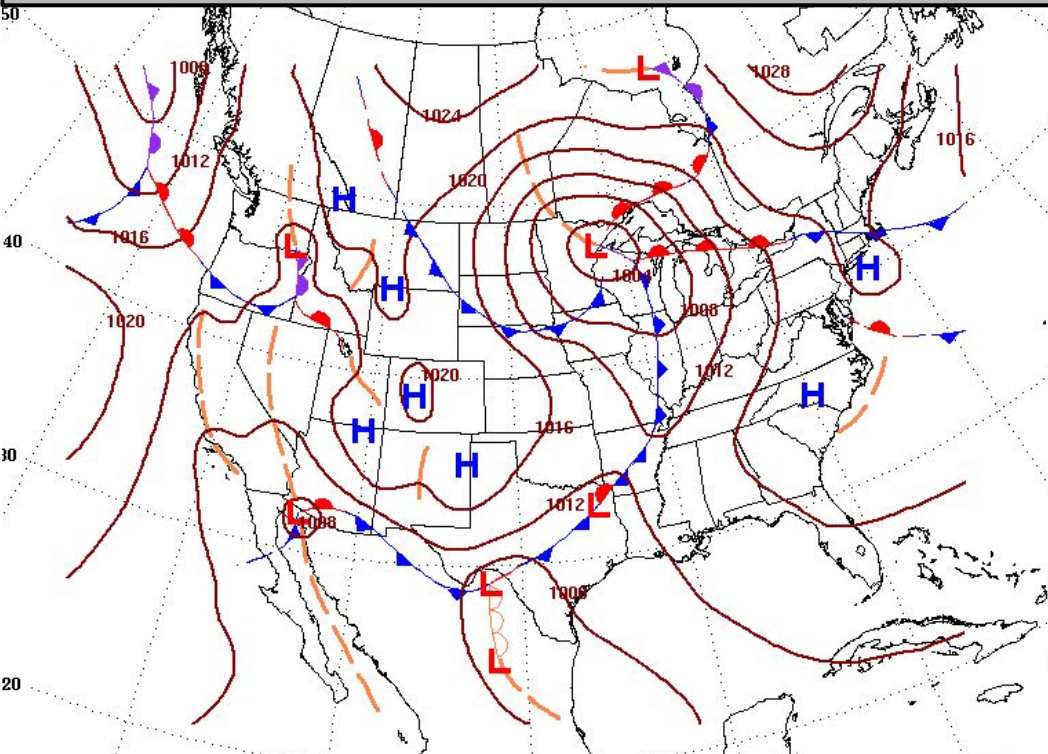
Excessive Rainfall Outlook



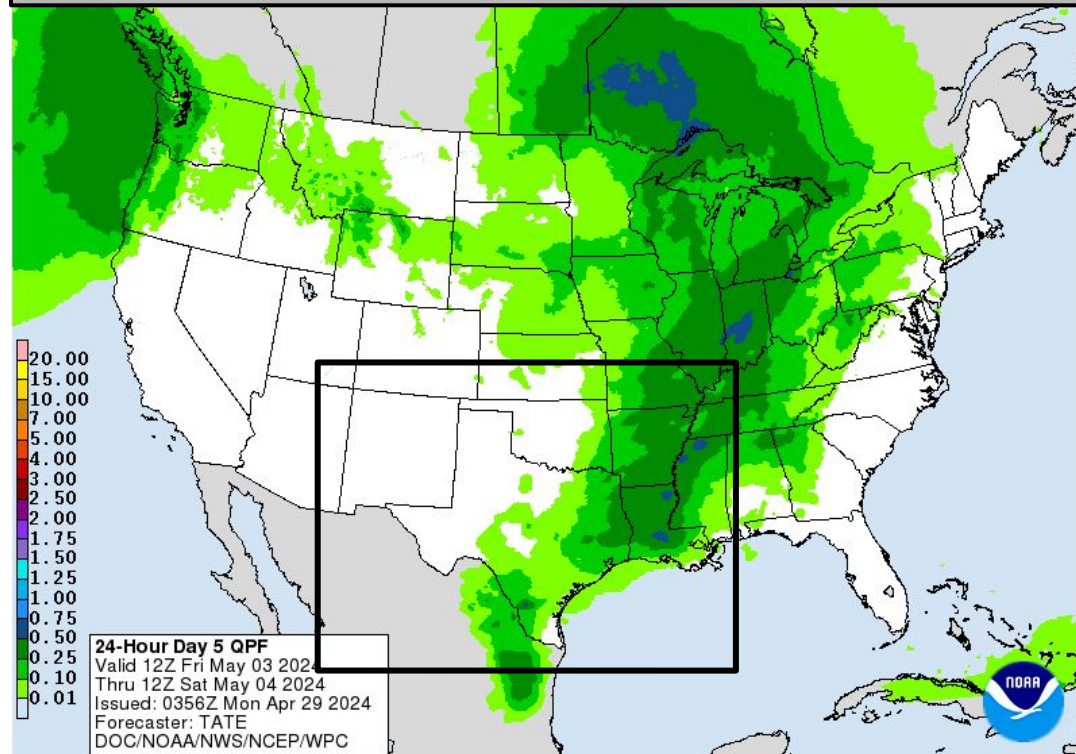


Friday's Weather

Forecast Chart

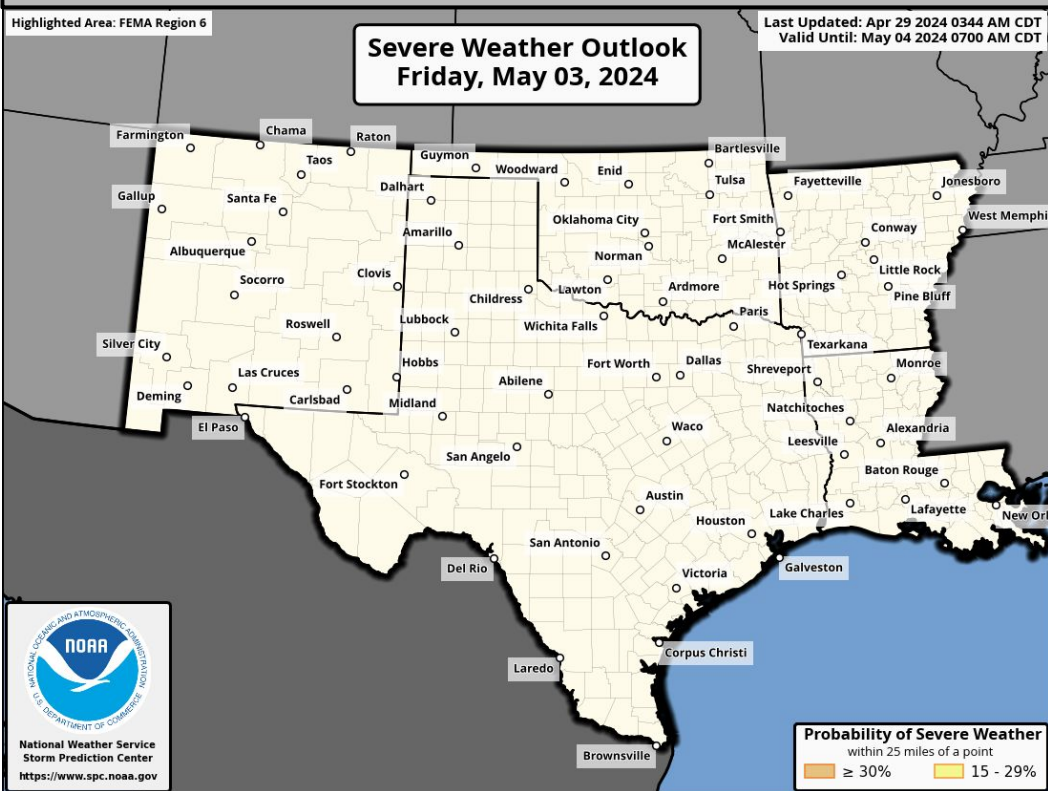


Forecast Rainfall

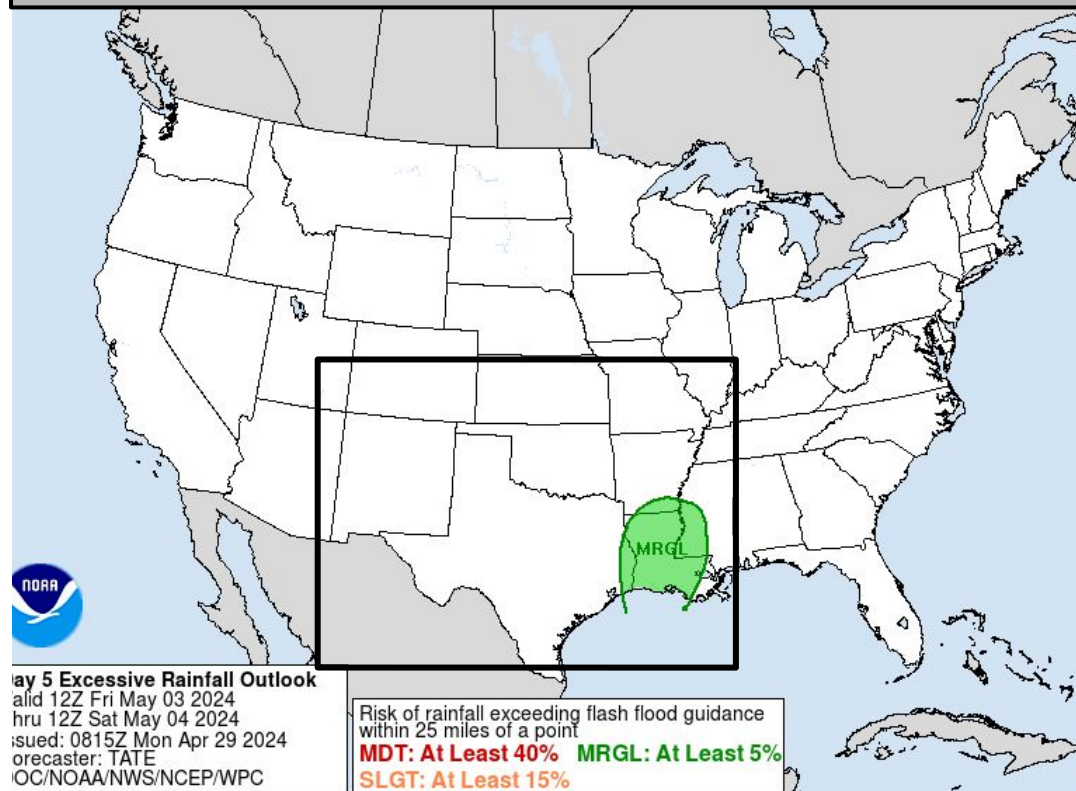


Marginal risk of excessive rainfall/flash flooding for SE TX, LA, SAR.

Severe Weather Outlook



Excessive Rainfall Outlook

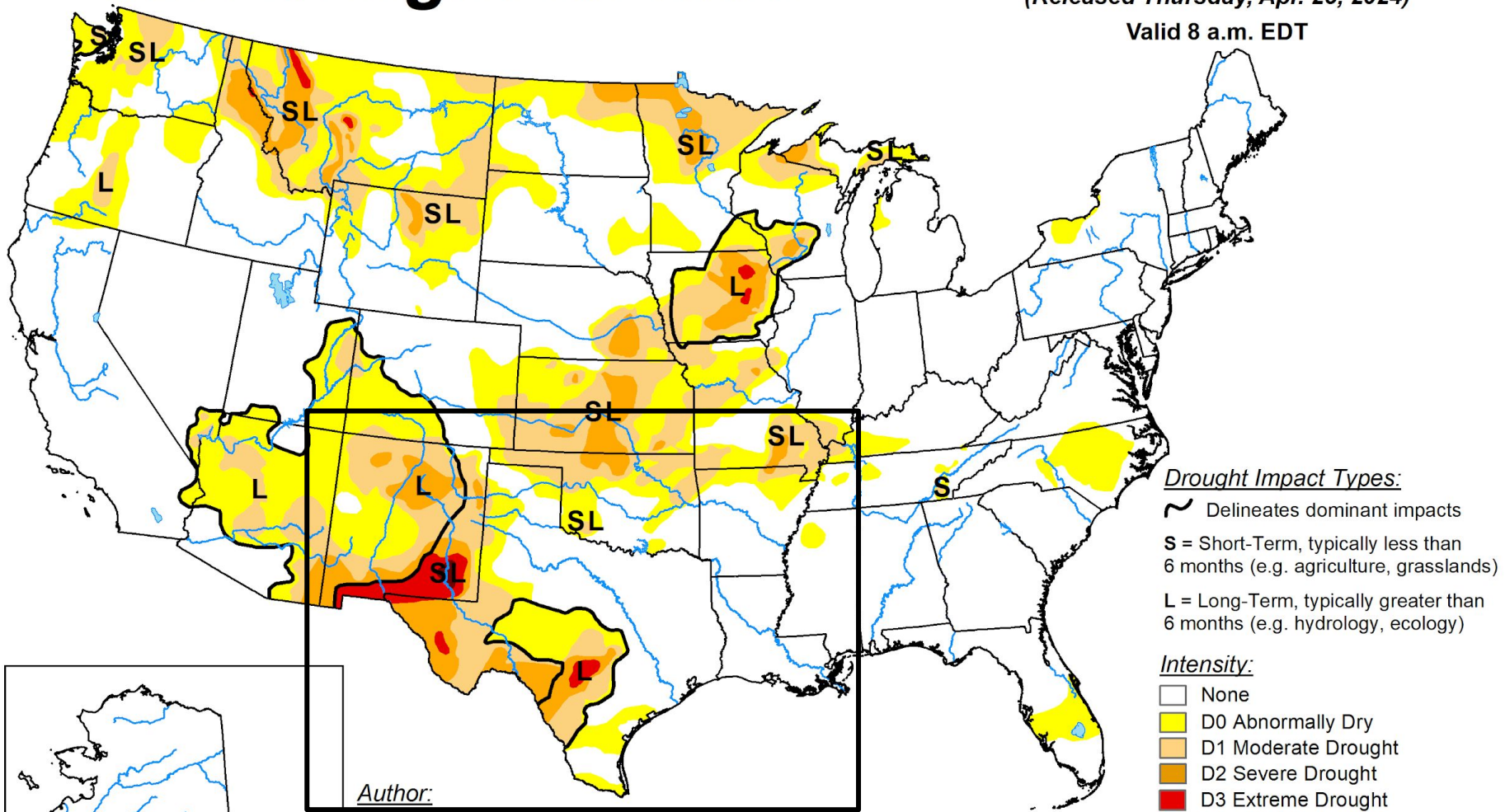




Drought Monitor

U.S. Drought Monitor

April 23, 2024
(Released Thursday, Apr. 25, 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)

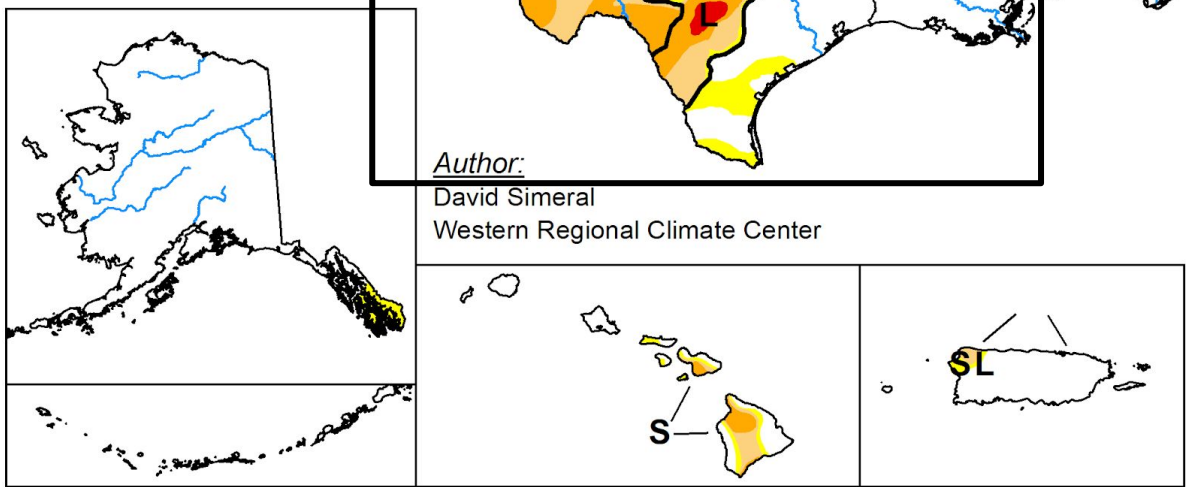
Intensity:
None
D0 Abnormally Dry
D1 Moderate Drought
D2 Severe Drought
D3 Extreme Drought
D4 Exceptional Drought

Author:
David Simeral
Western Regional Climate Center

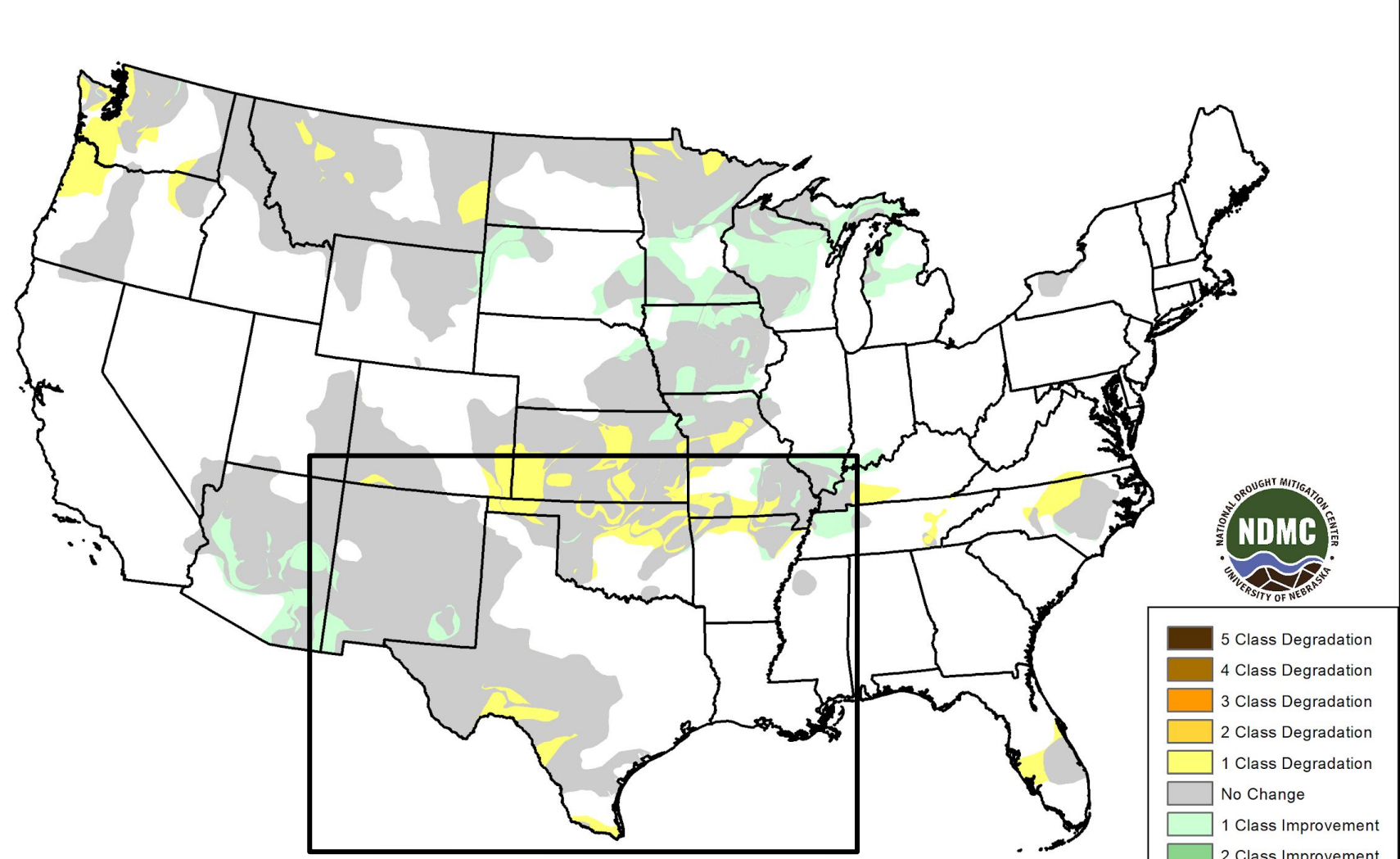
The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>



droughtmonitor.unl.edu



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



April 23, 2024
compared to
April 16, 2024

droughtmonitor.unl.edu

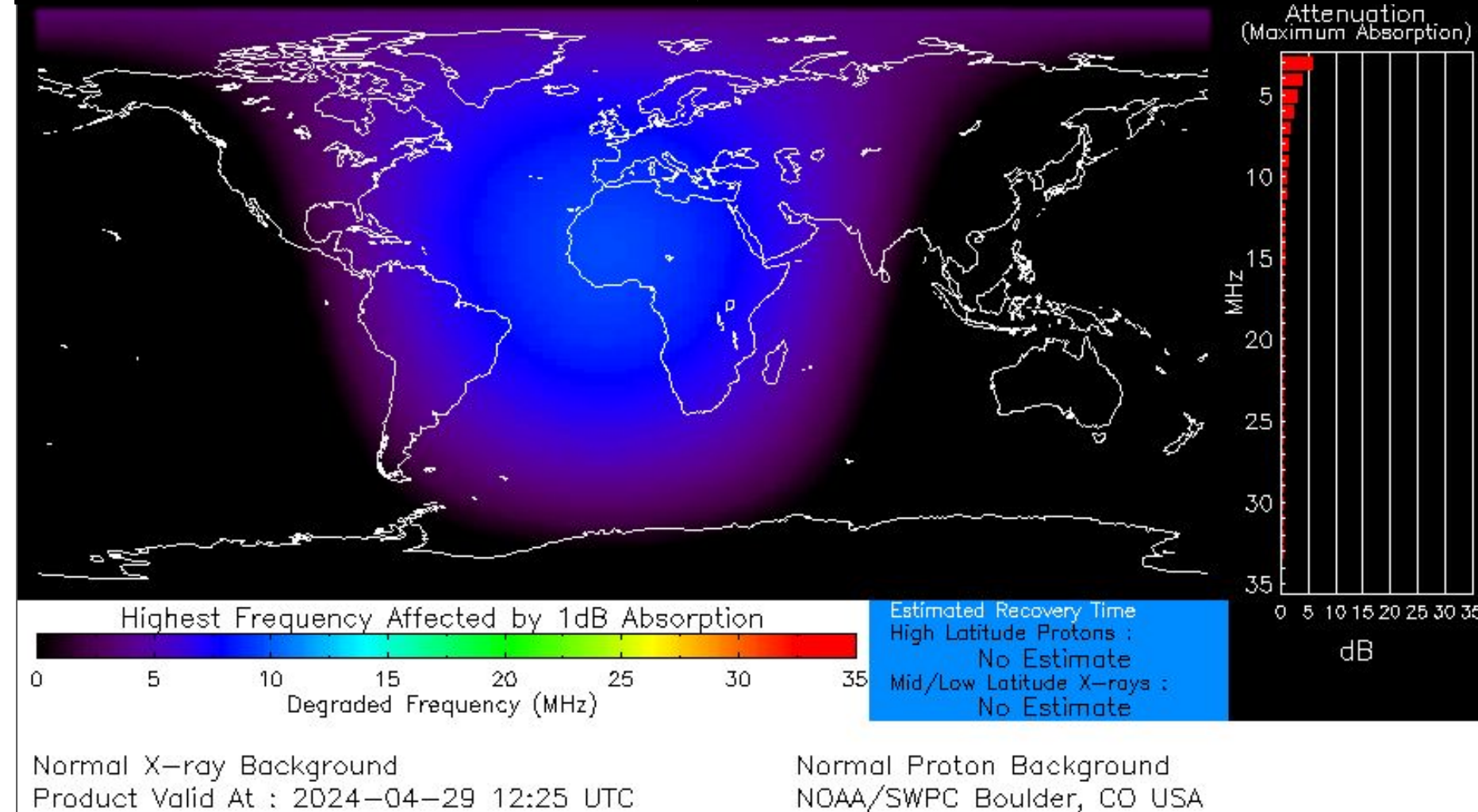


5 Class Degradation
4 Class Degradation
3 Class Degradation
2 Class Degradation
1 Class Degradation
No Change
1 Class Improvement
2 Class Improvement
3 Class Improvement
4 Class Improvement
5 Class Improvement



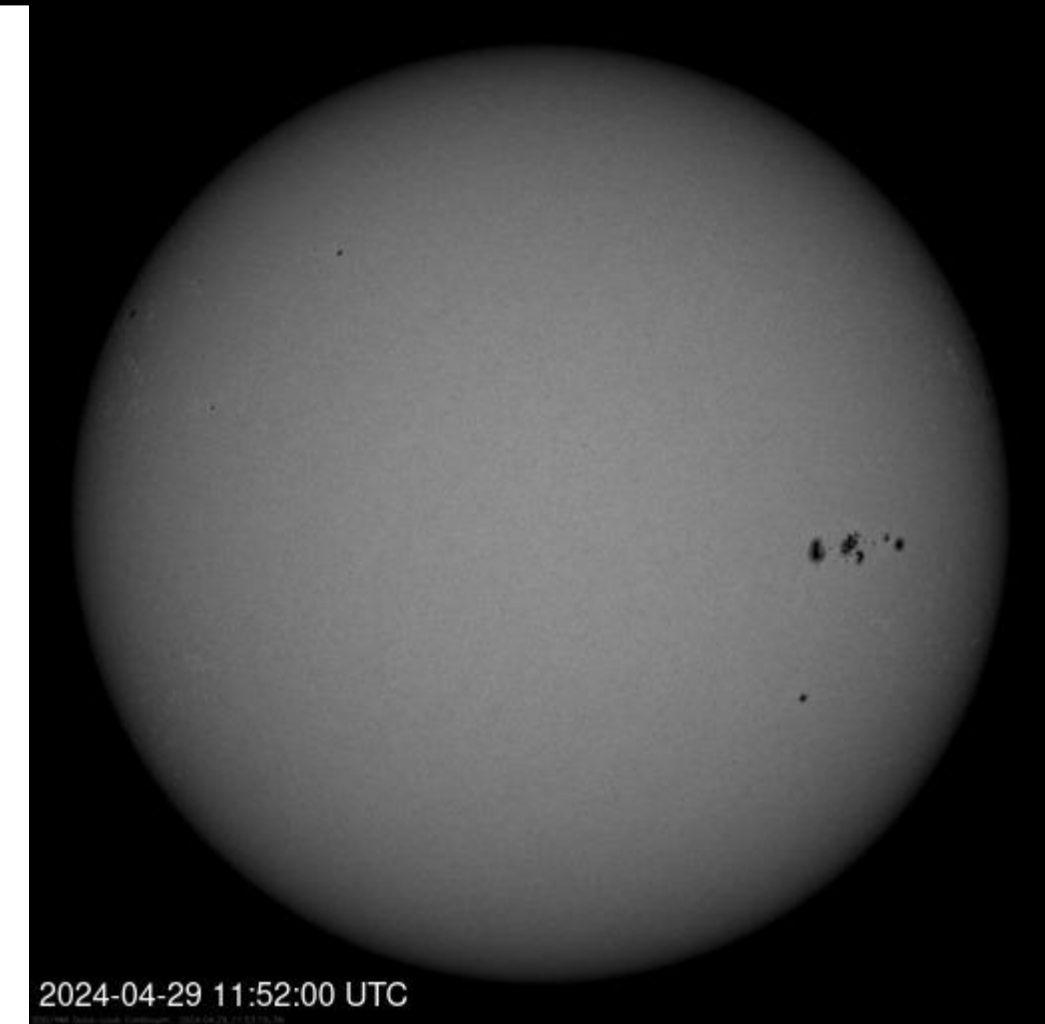
Space Weather 3-Day Forecast

	Monday, Apr 29	Tuesday, Apr 30	Wednesday, May 1
Geomagnetic Storms	Unsettled (Max Kp = 3)	Active (Max Kp = 4)	Active (Max Kp =4)
Solar Radiation Storm (S1-S5)	5%	5%	5%
Radio Blackout (R1-R2)	35%	35%	35%
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>	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	<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>	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	<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>	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	<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>	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	<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>	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	<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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Web: www.weather.gov/srh

