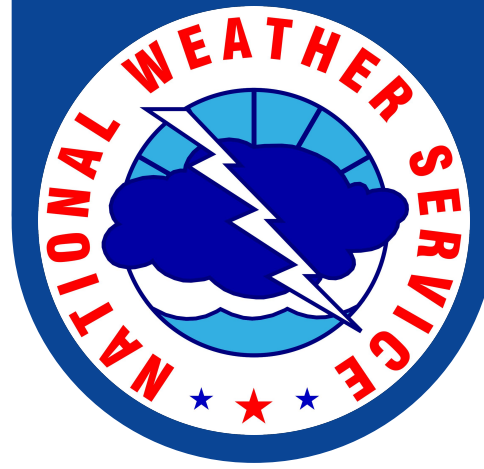




FEMA



Prepared by
Melissa Beat

FEMA Region 6 Weather Threat Briefing

Tuesday, April 16, 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 for severe thunderstorms over N AR today; marginal risk over NE AR Wednesday; slight risk over SE OK, AR, NE TX on Thursday.**
- **Elevated to critical fire weather conditions E NM, TX/OK Panhandles, NW OK today; elevated fire weather conditions NE NM, W TX/OK Panhandles.**
- **Marginal risk for heavy rain/flash flooding over AR today; marginal risk over E OK, AR, NE TX, and NW LA on Thursday; marginal risk over S/E OK, N/W AR, N/W TX on Friday; slight risk over E OK, SW AR, NE TX, NW LA on Saturday.**
- **Isolated moderate river flooding in E TX and LA.**





FEMA Region 6 Threat Matrix

Next 5 Days

	Tuesday, Apr 16	Wednesday, Apr 17	Thursday, Apr 18	Friday, Apr 19	Saturday, Apr 20
Severe Storms	N AR	NE AR	SE OK, AR, NETX		
Heavy Rain / Flash Flooding	AR		E OK, AR, NETX, and NW LA	S/E OK, N/W AR, N/W TX	E OK, SW AR, NETX, NW LA
Fire Weather	E NM, TX/OK Panhandles, NW OK	NE NM, W TX/OK Panhandles			
Windy	N-Ctrl NM				
Heat					
River Flooding	ETX, LA	ETX, LA	ETX, LA	ETX, LA	ETX, LA

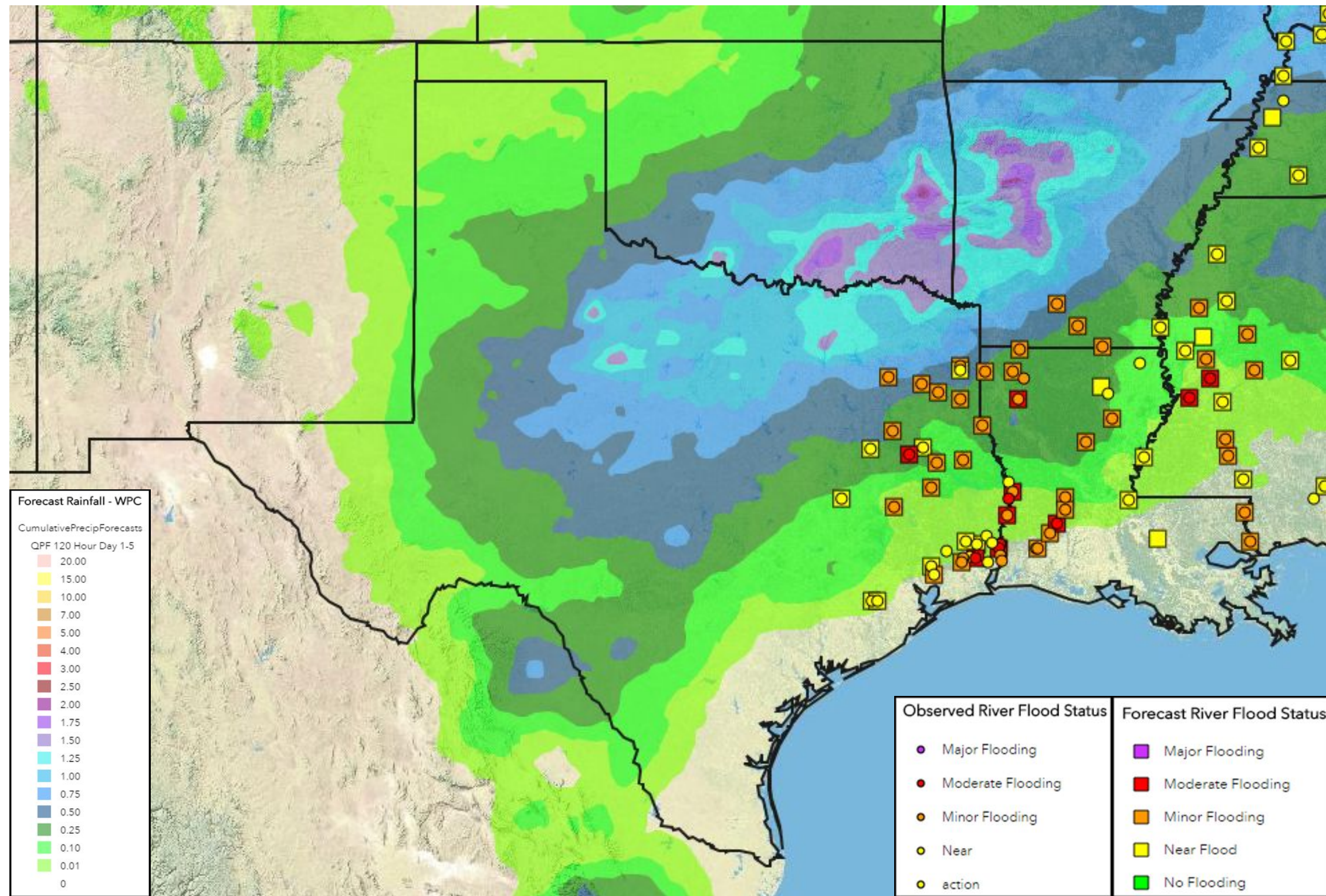
**Threat levels are based on FEMA Region 6 criteria.
State or local threat level criteria may differ.*
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

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



Widespread minor and isolated moderate river flooding in E TX, LA.

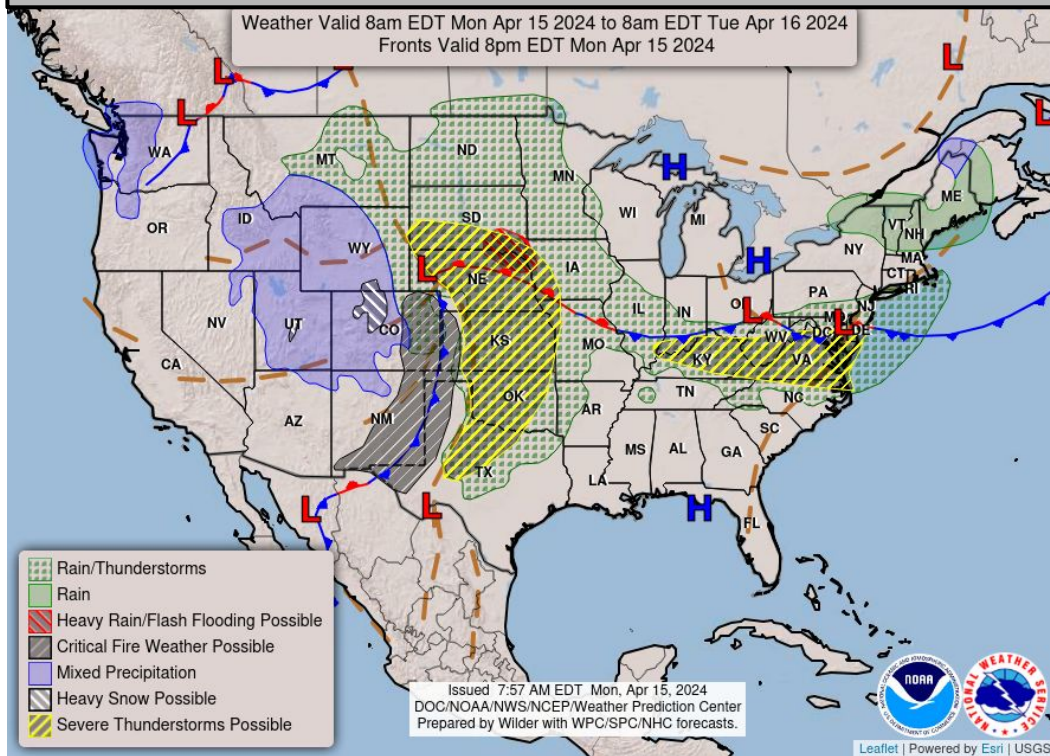
Impacts to secondary roads, agricultural, recreational areas.



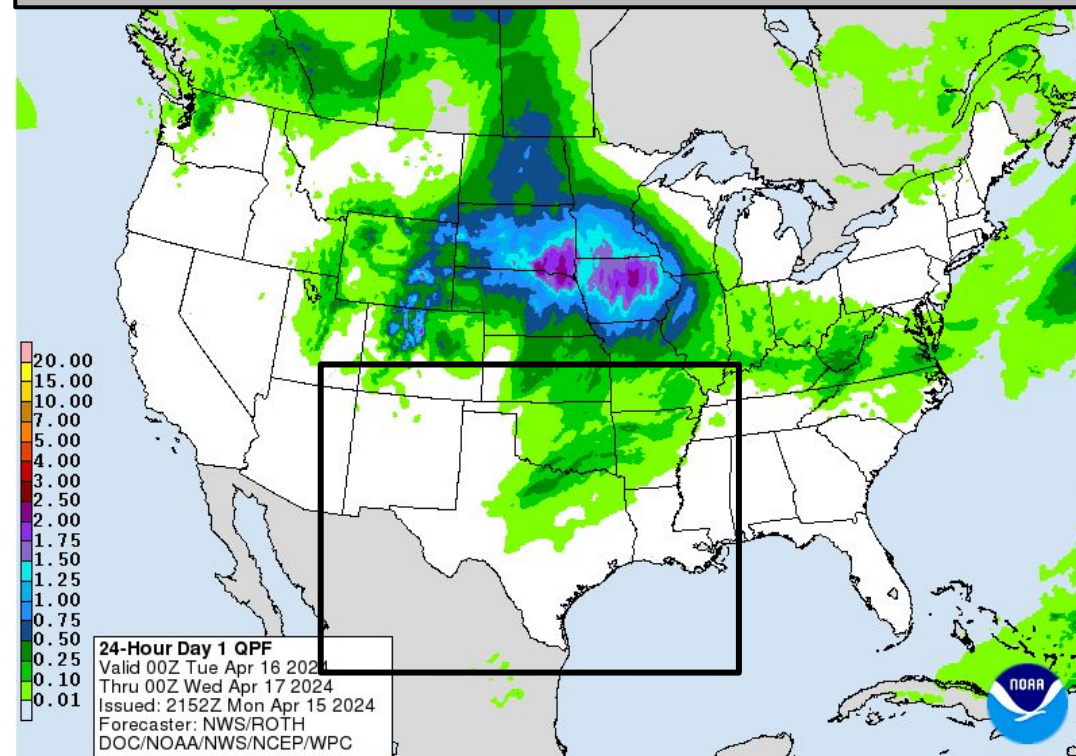


Today's Weather

Forecast Chart



Forecast Rainfall

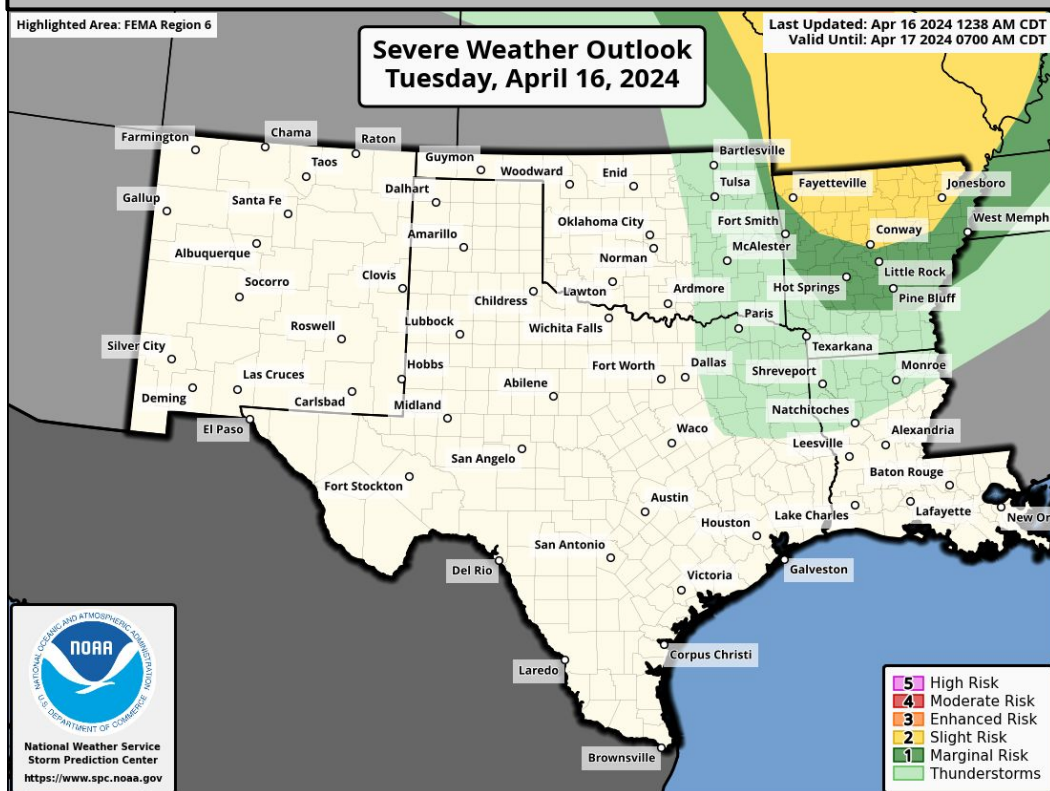


Slight risk of severe thunderstorms for N AR.

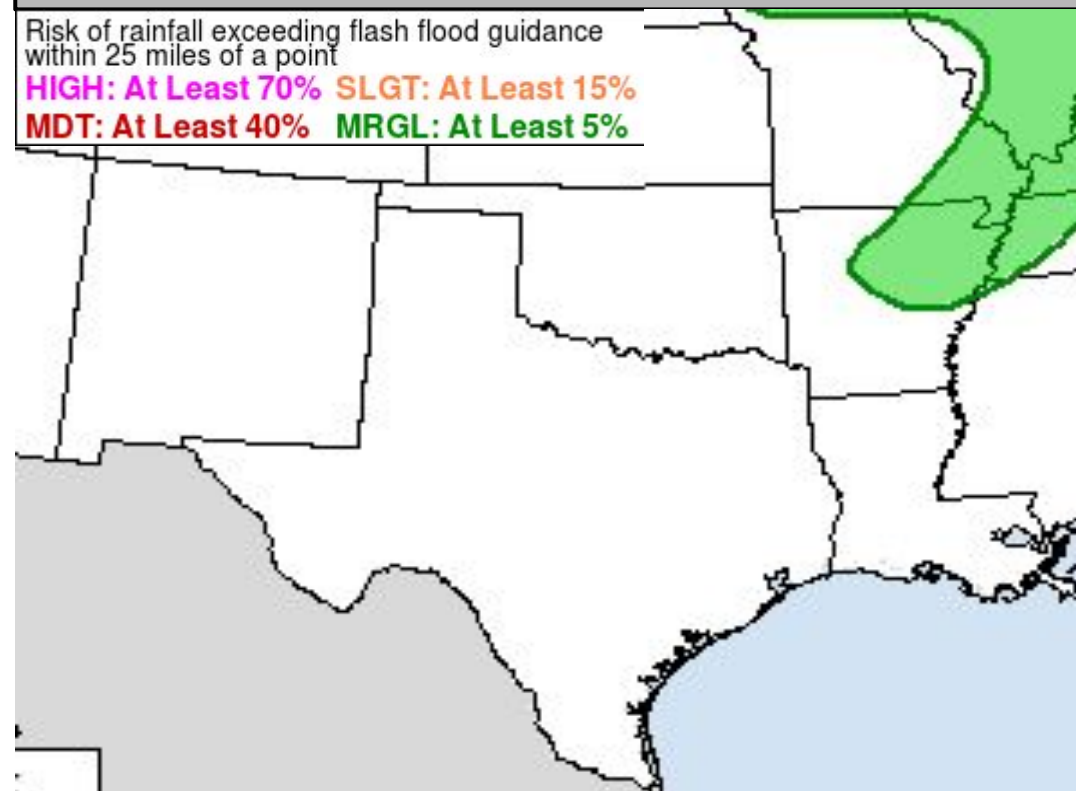
Marginal risk of isolated flash flooding for AR.

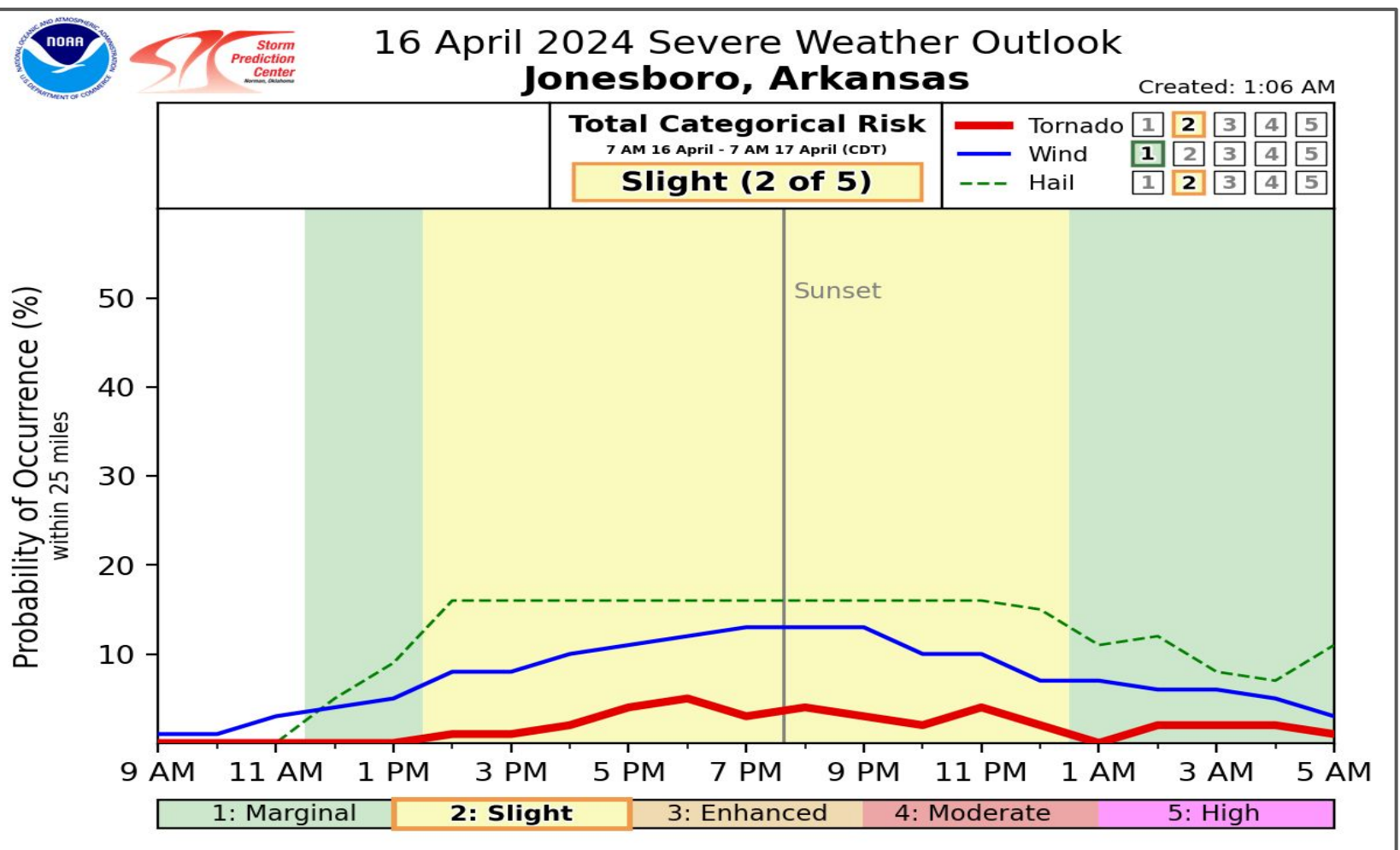
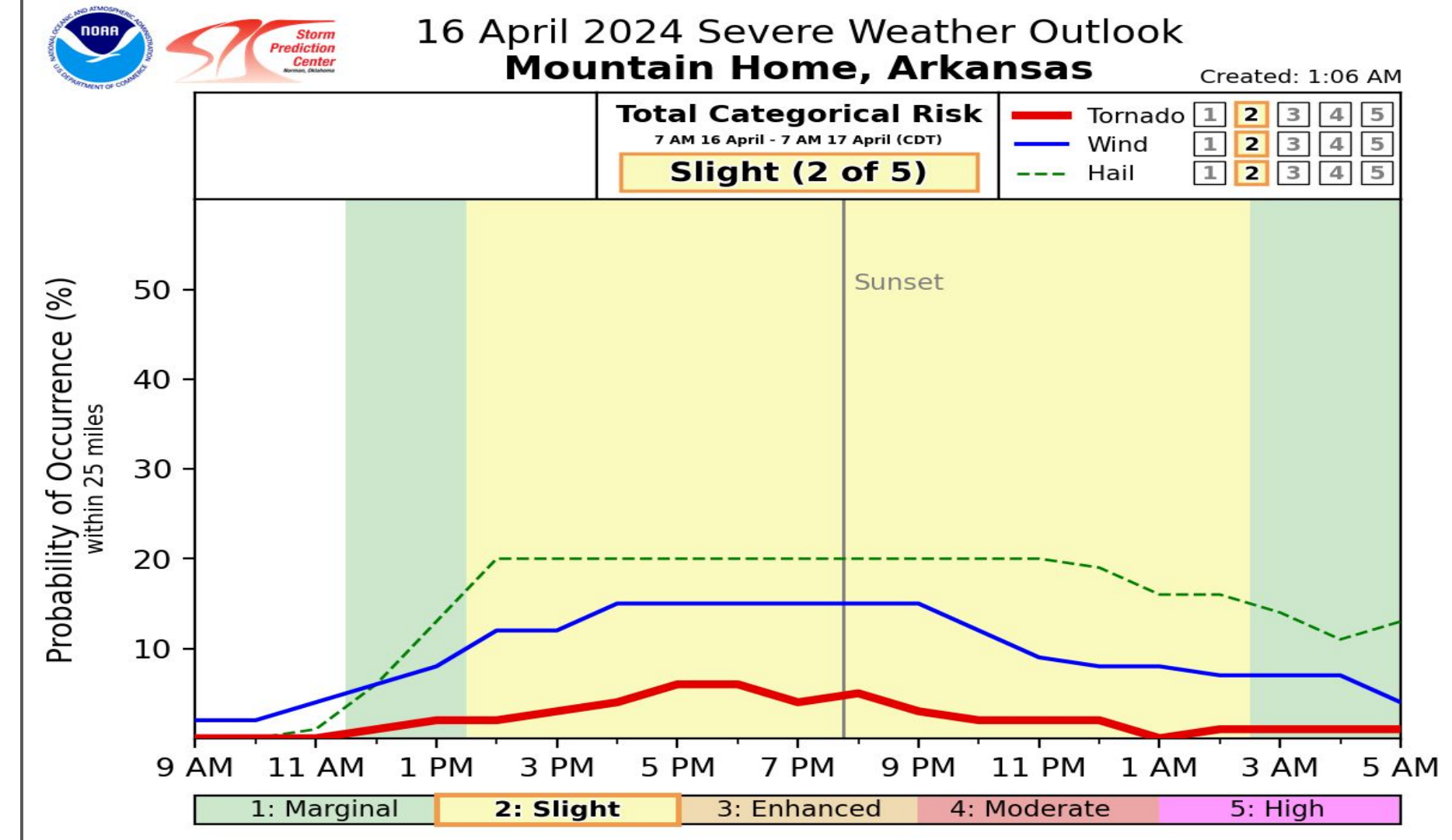
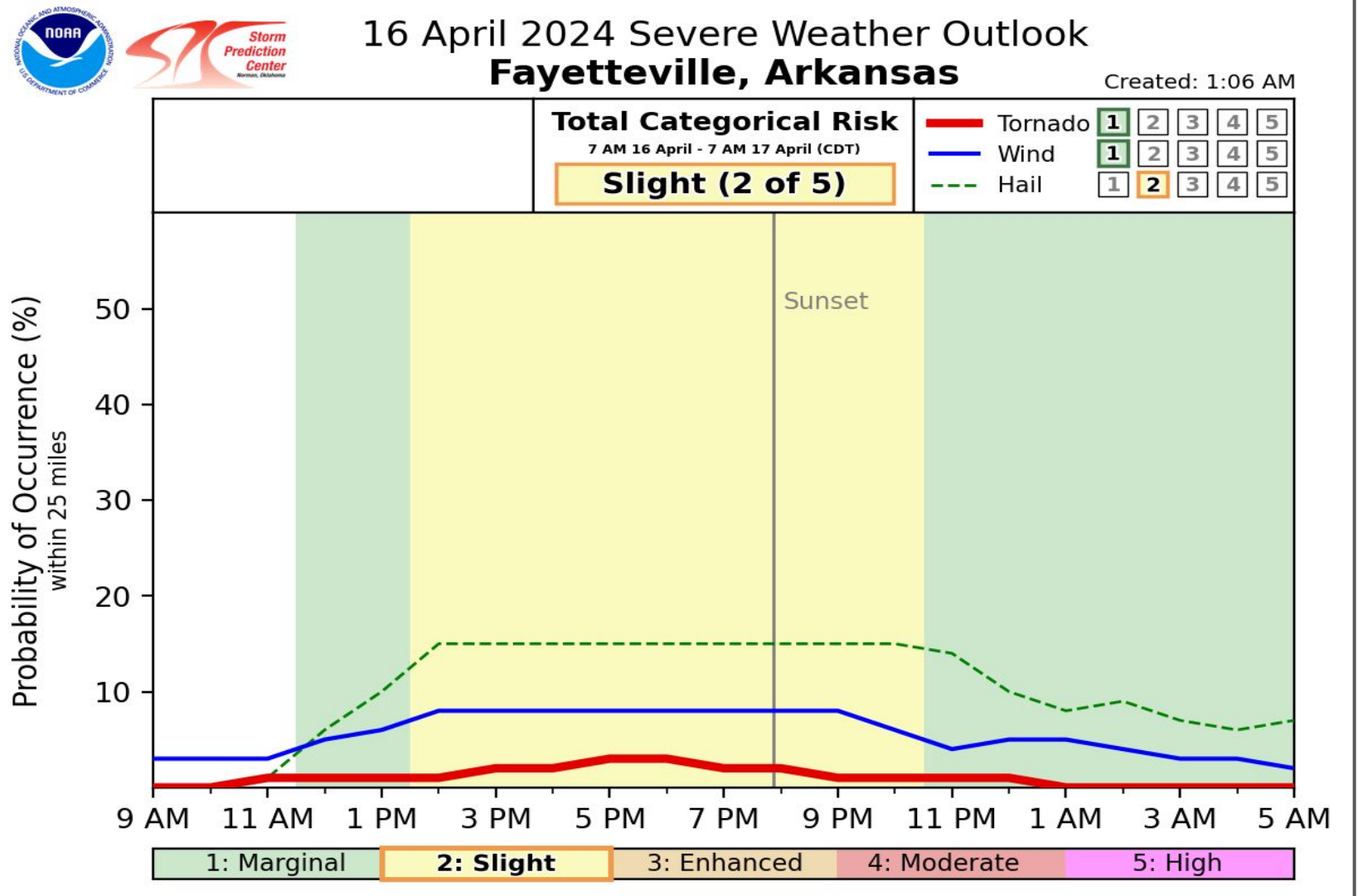
Elevated to critical fire weather conditions for E NM, TX/OK Panhandles, NW OK.

Severe Weather Outlook



Excessive Rainfall Outlook

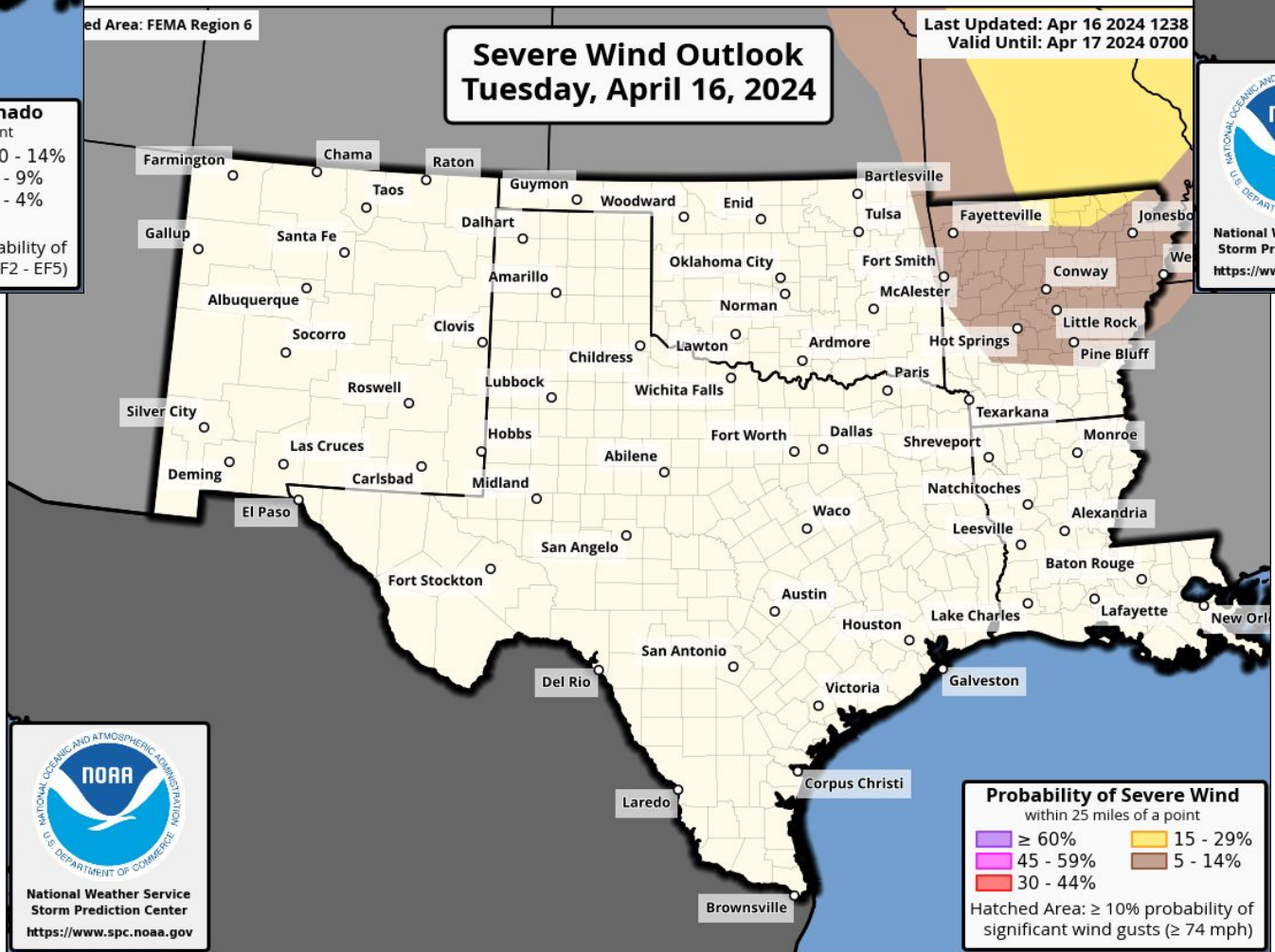
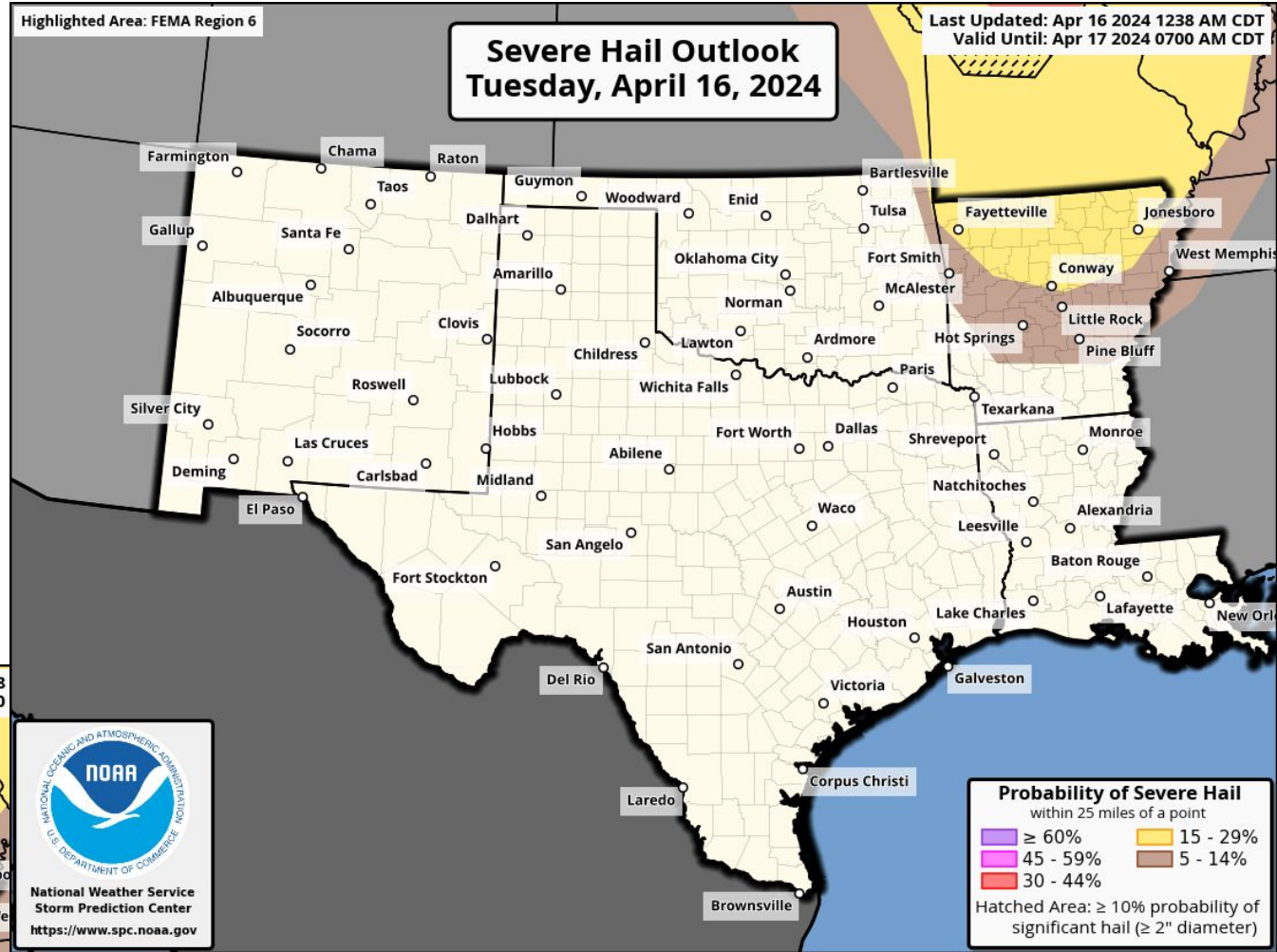
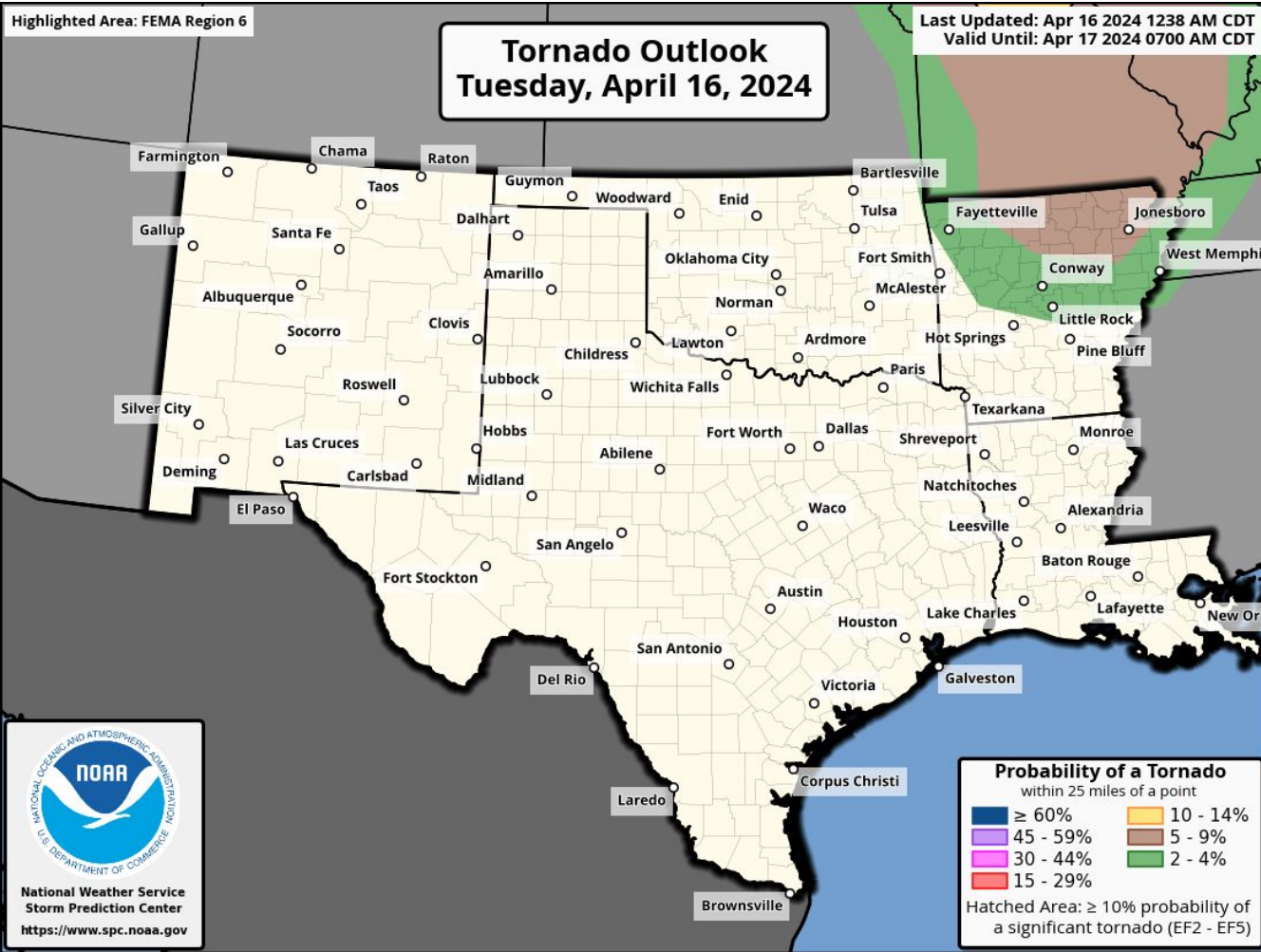






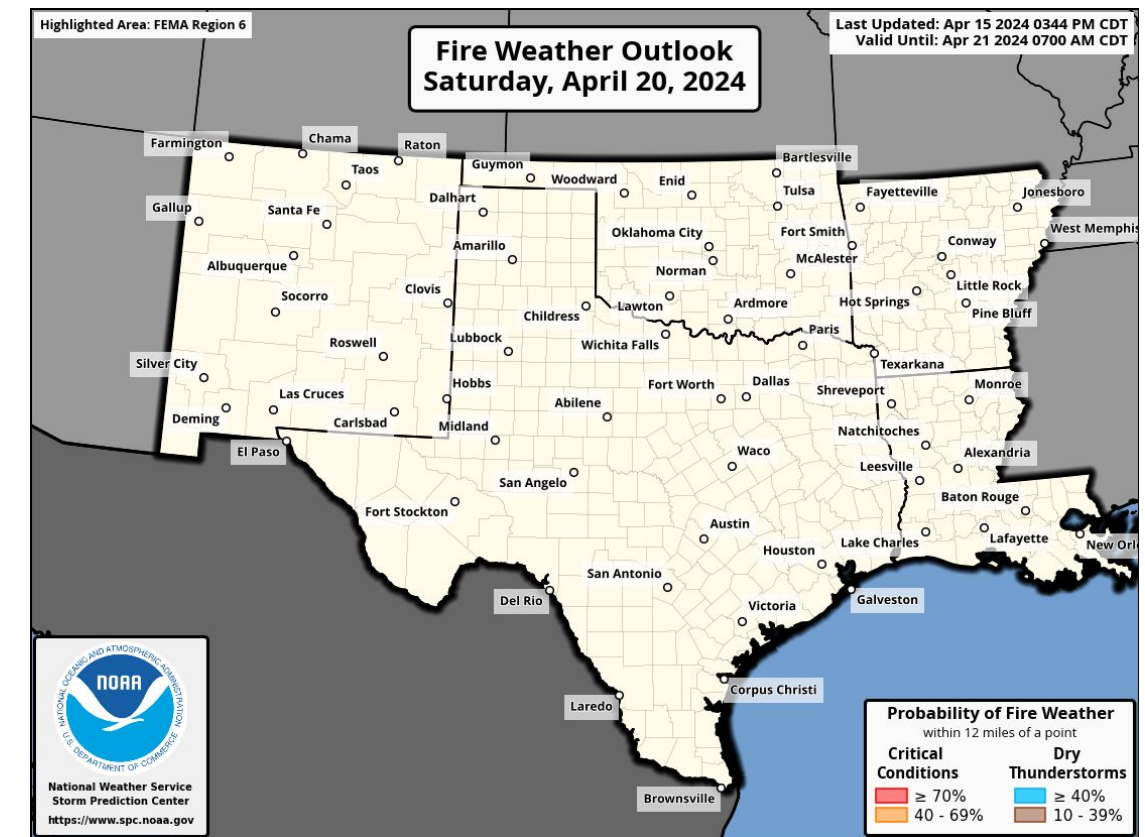
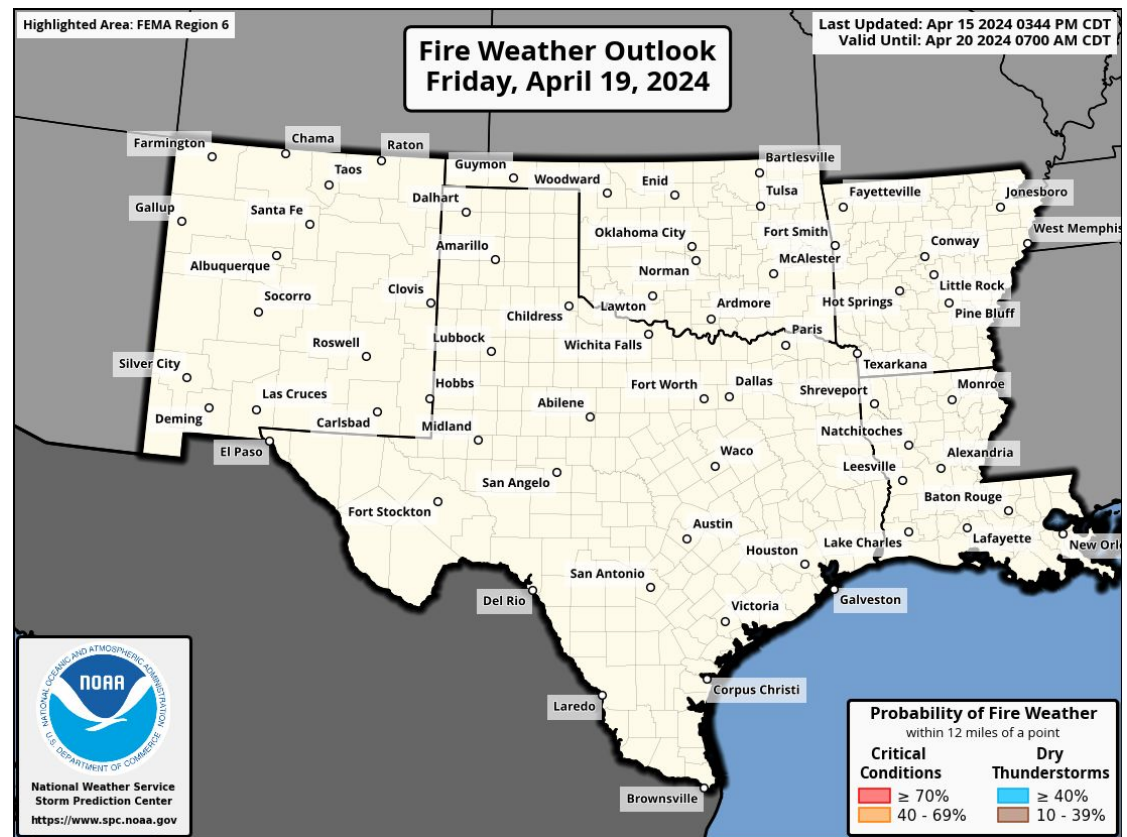
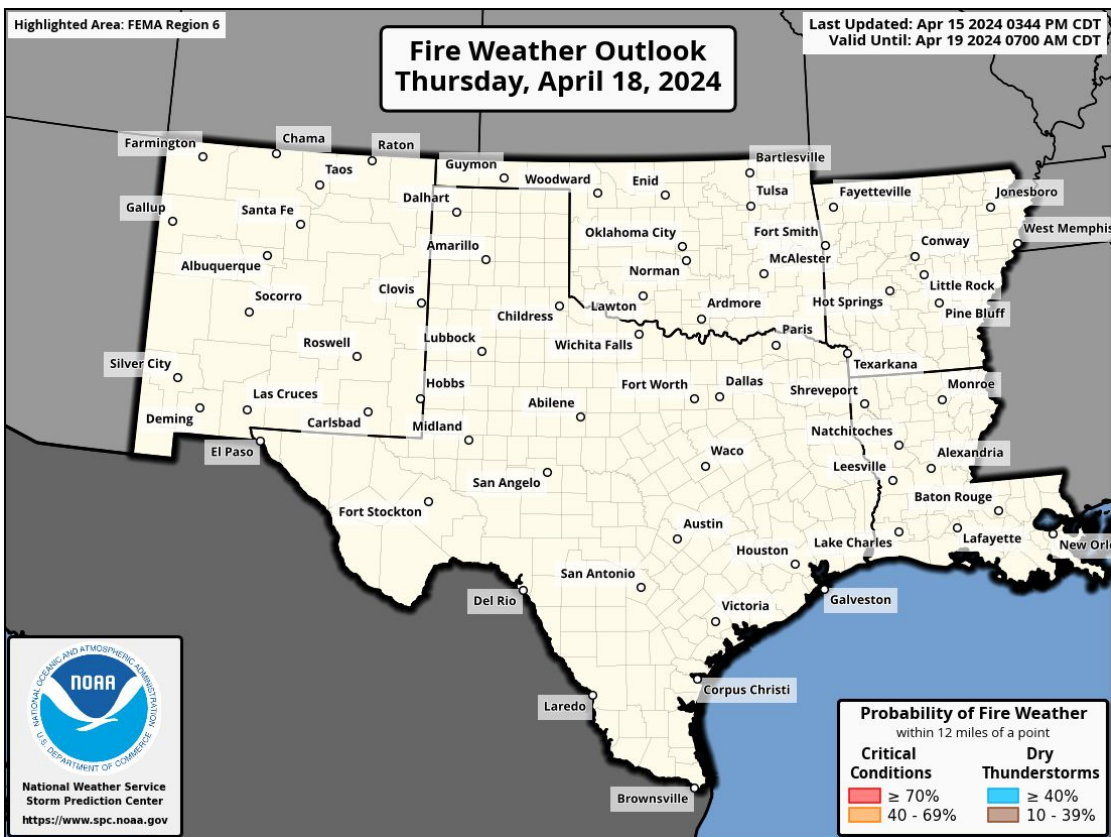
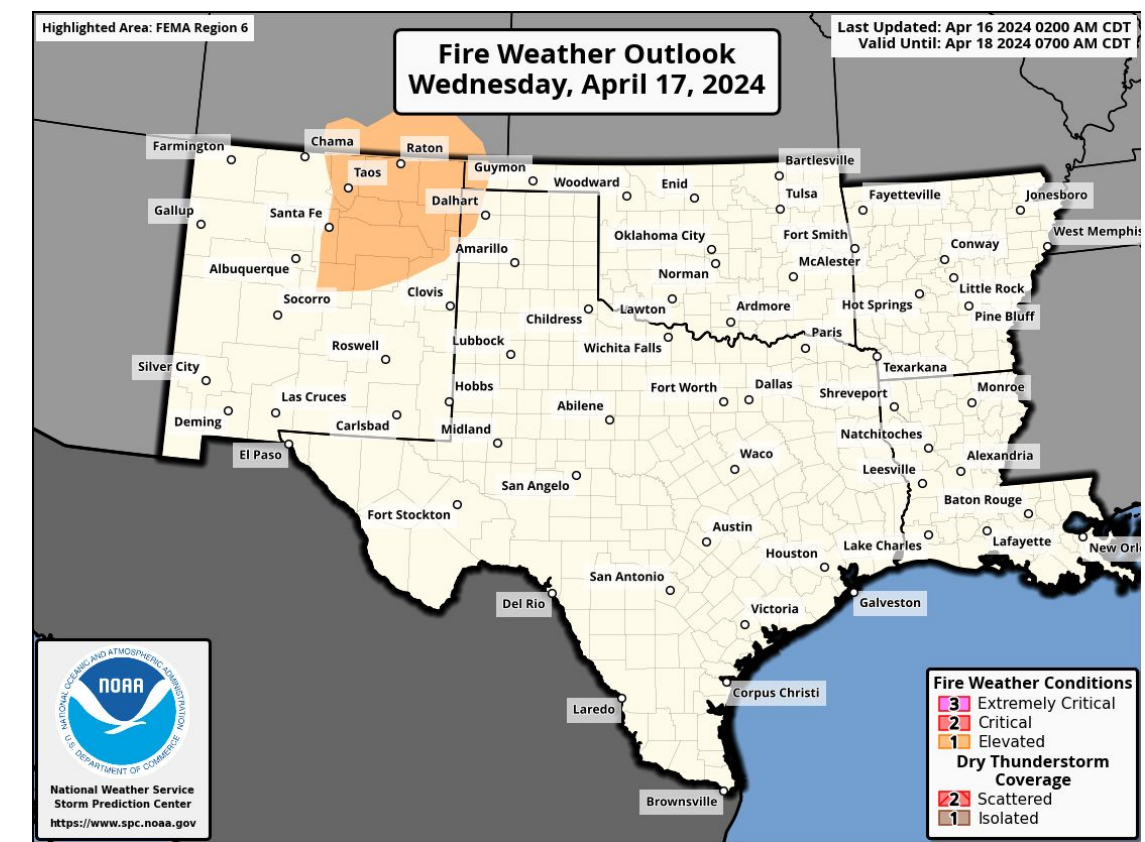
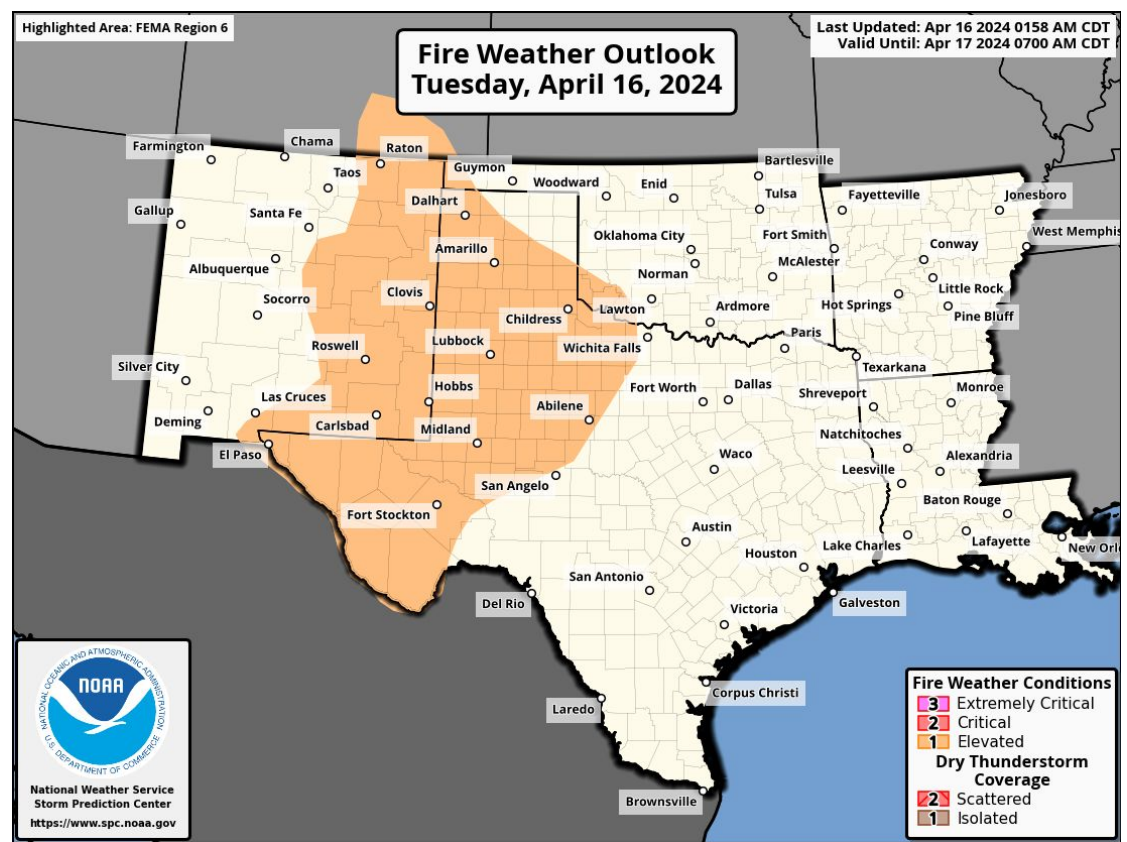
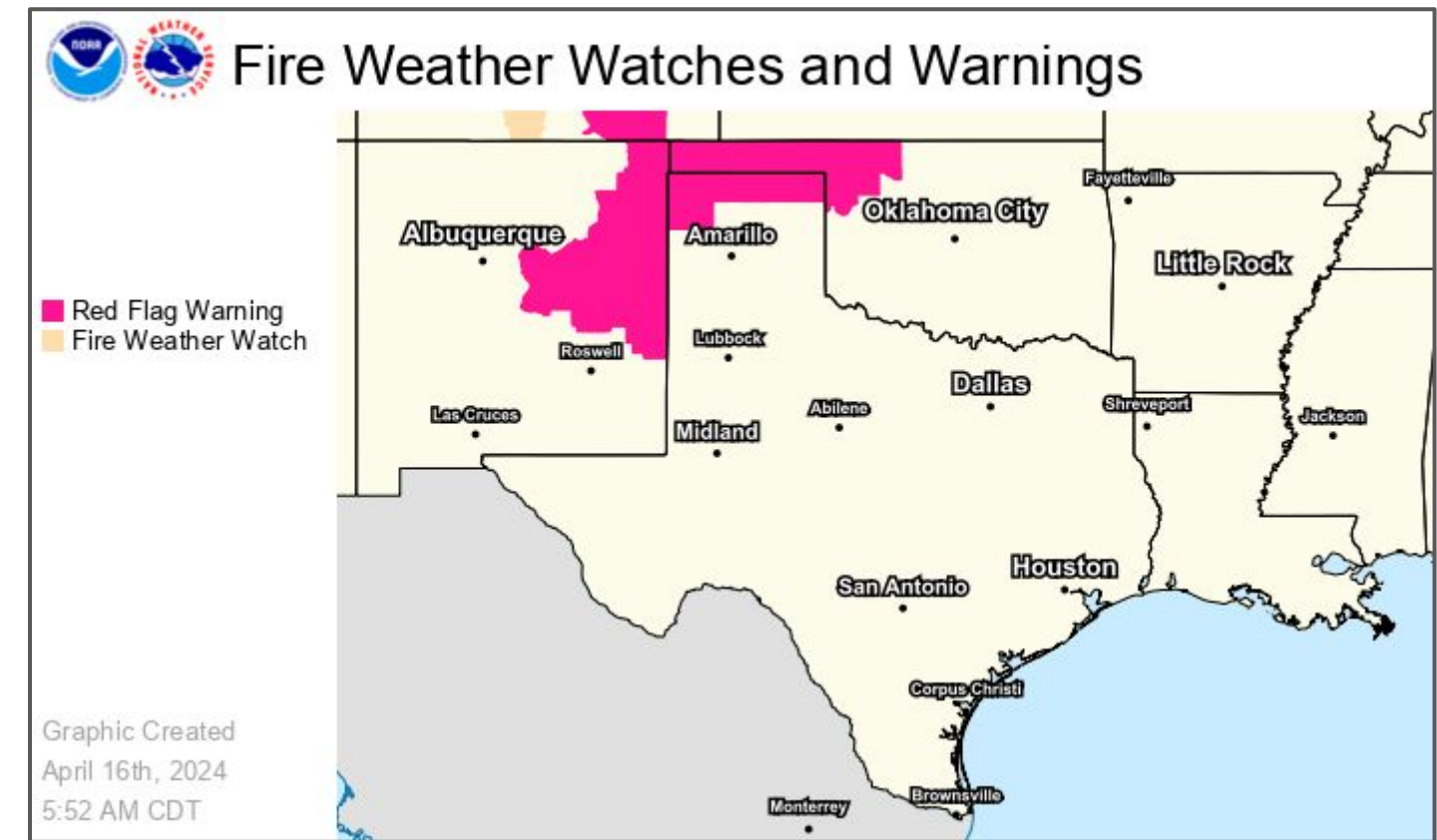
Today's Tornado & Severe Wind / Hail Probabilities

April 16, 2024





Fire Weather Outlooks



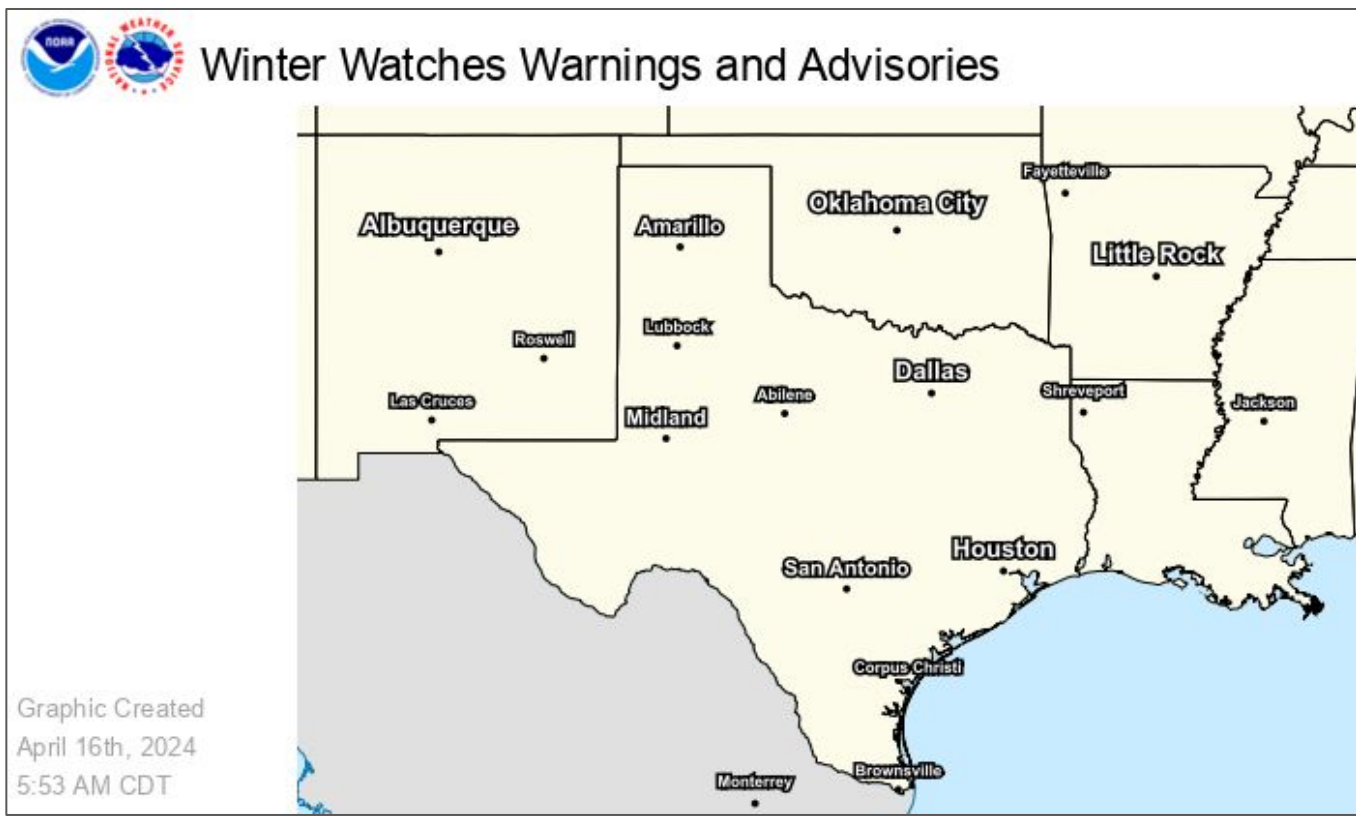
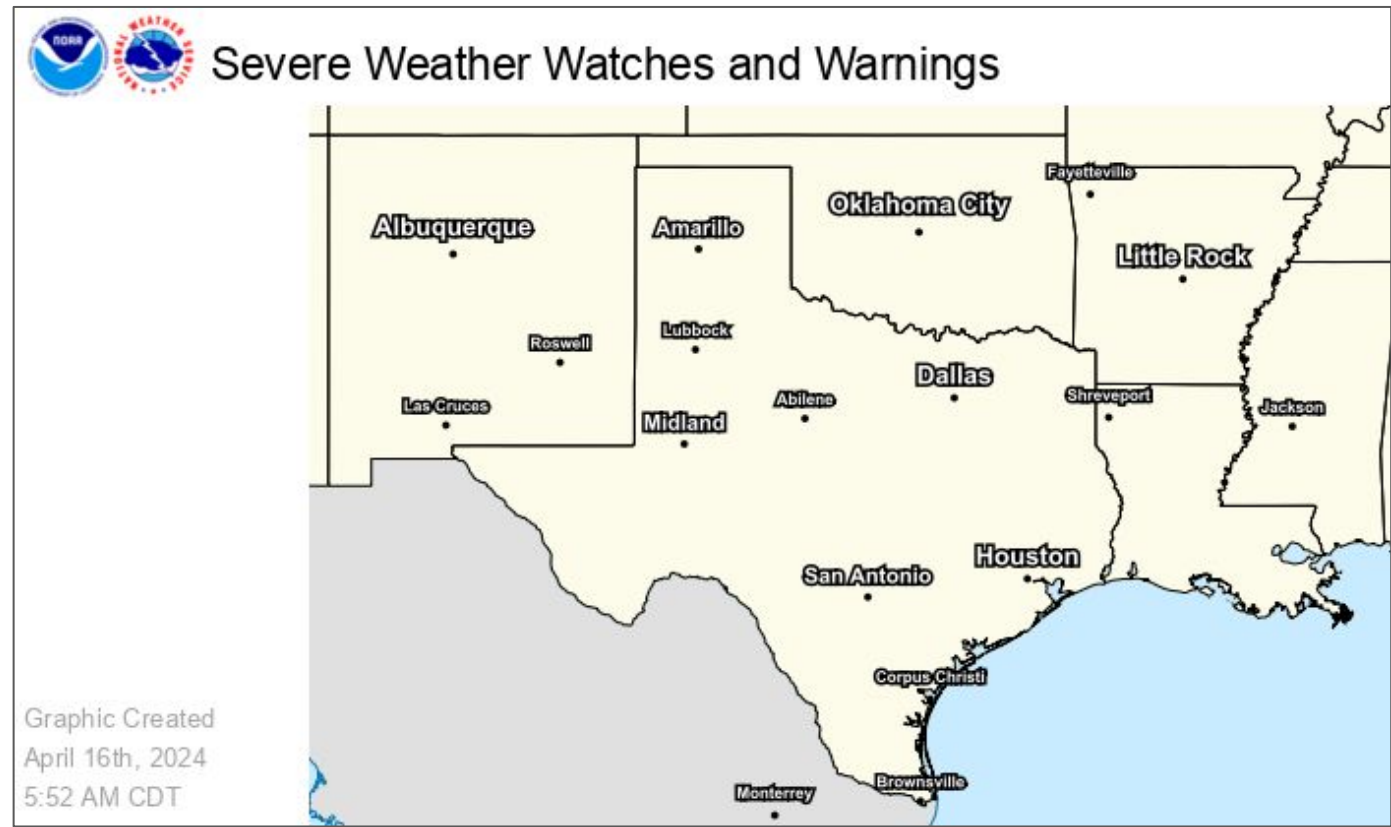
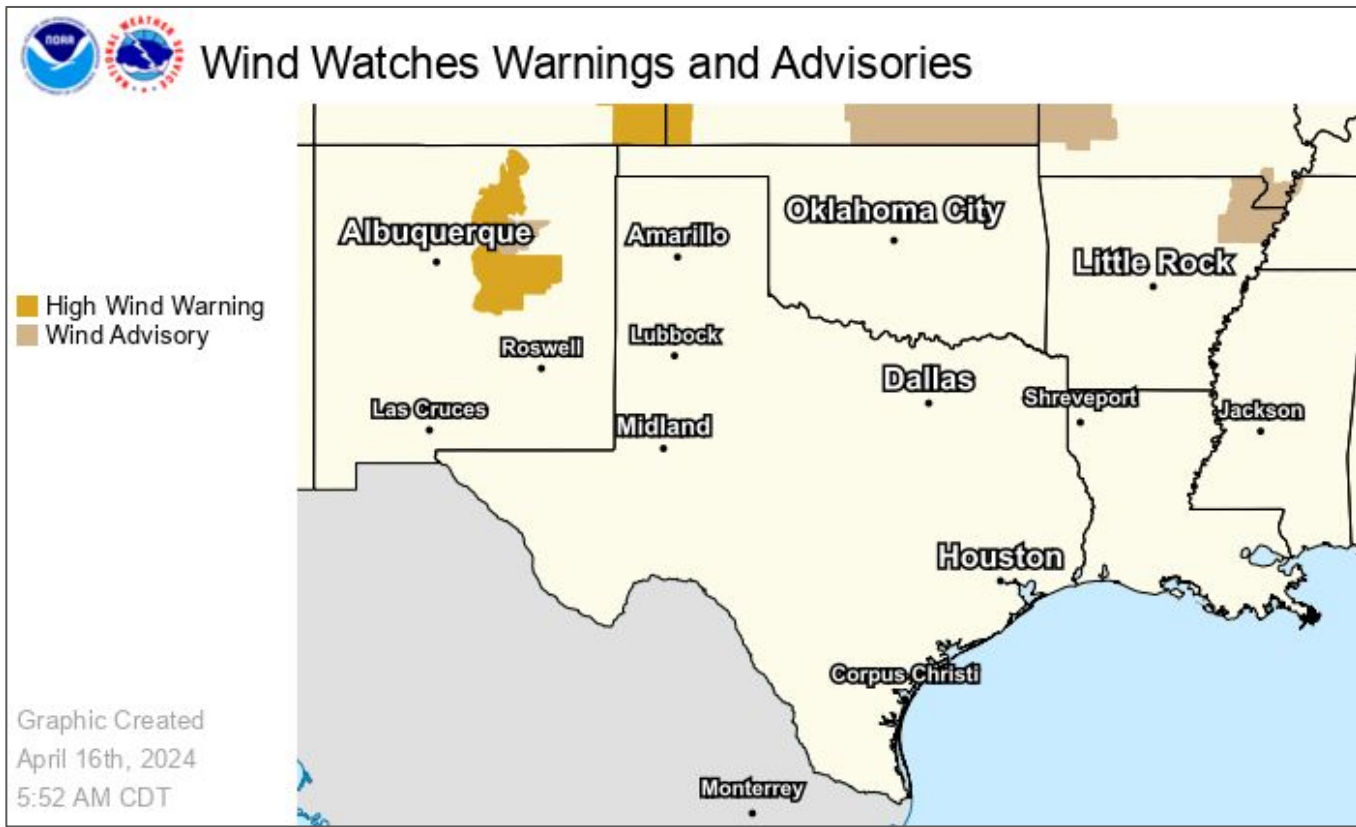


Watches, Warnings, and Advisories

Wind, Severe, Winter, and Flood Hazards

High Wind Warning for N-Ctrl NM.

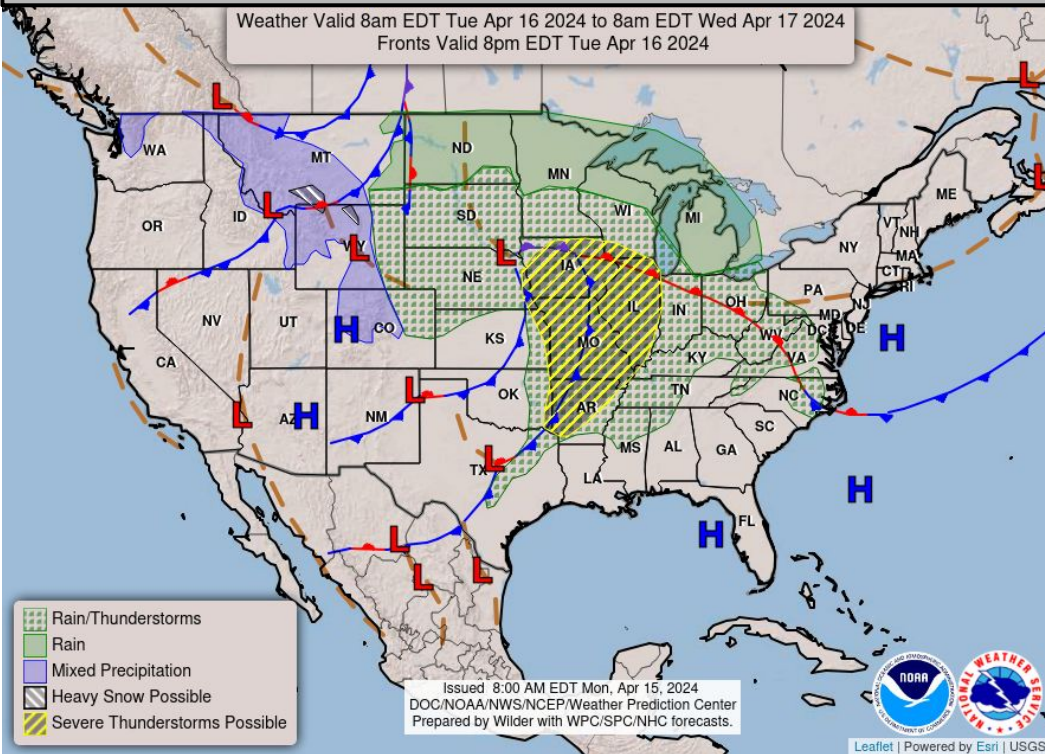
Wind Advisory for NE AR.



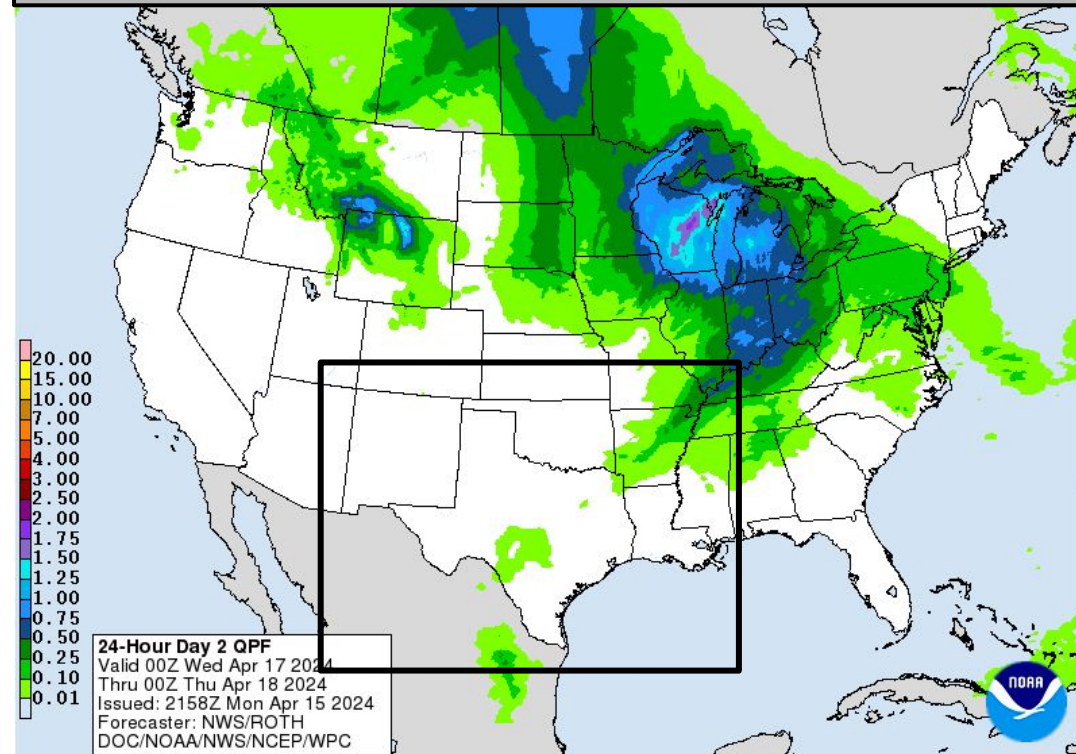


Tomorrow's Weather

Forecast Chart



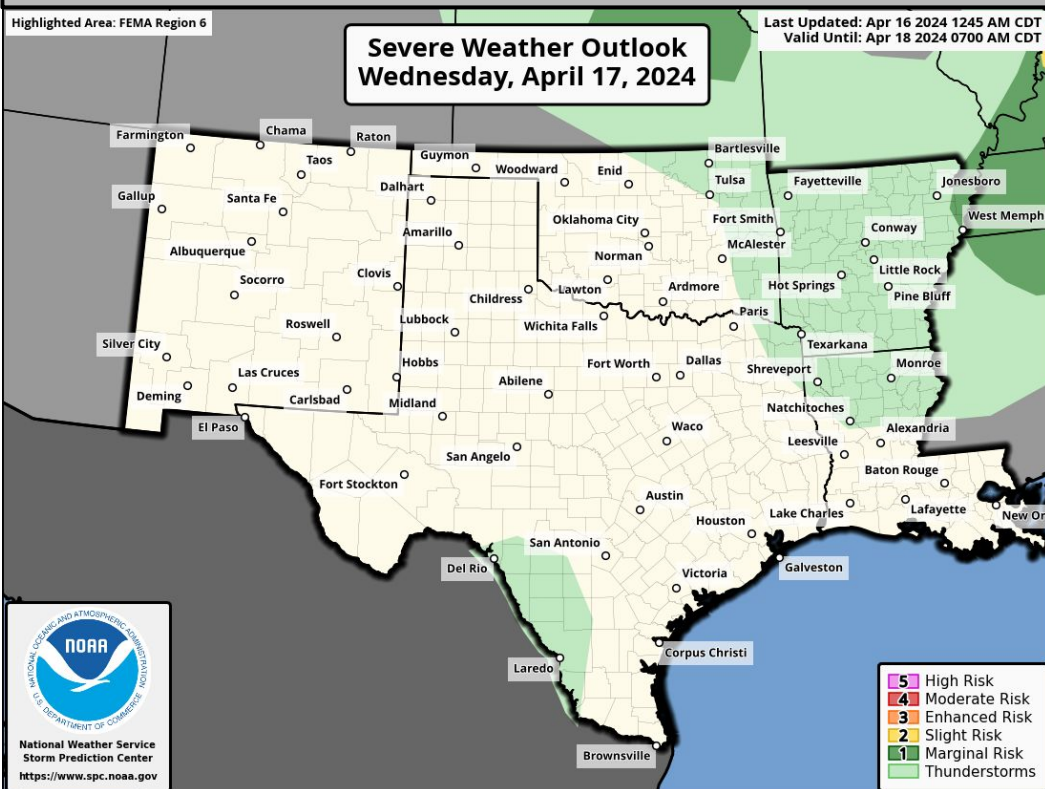
Forecast Rainfall



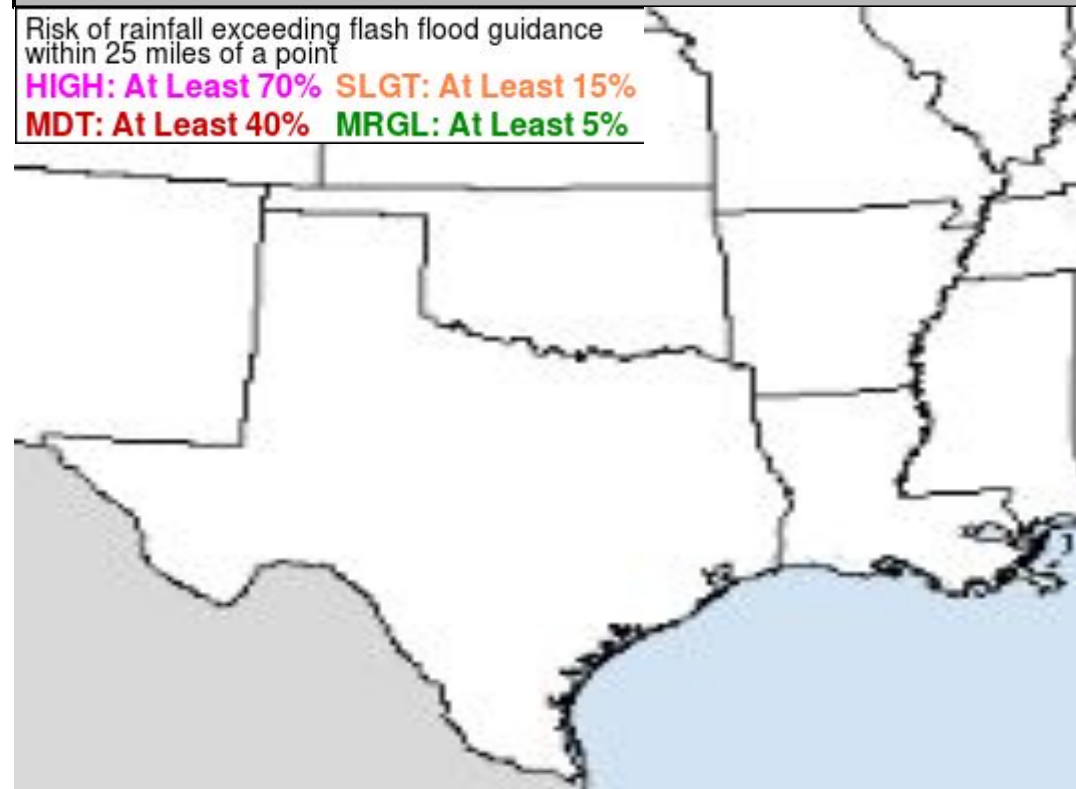
Marginal risk for severe thunderstorms NE AR.

Elevated fire weather conditions over NE NM, WTX/OK Panhandles.

Severe Weather Outlook

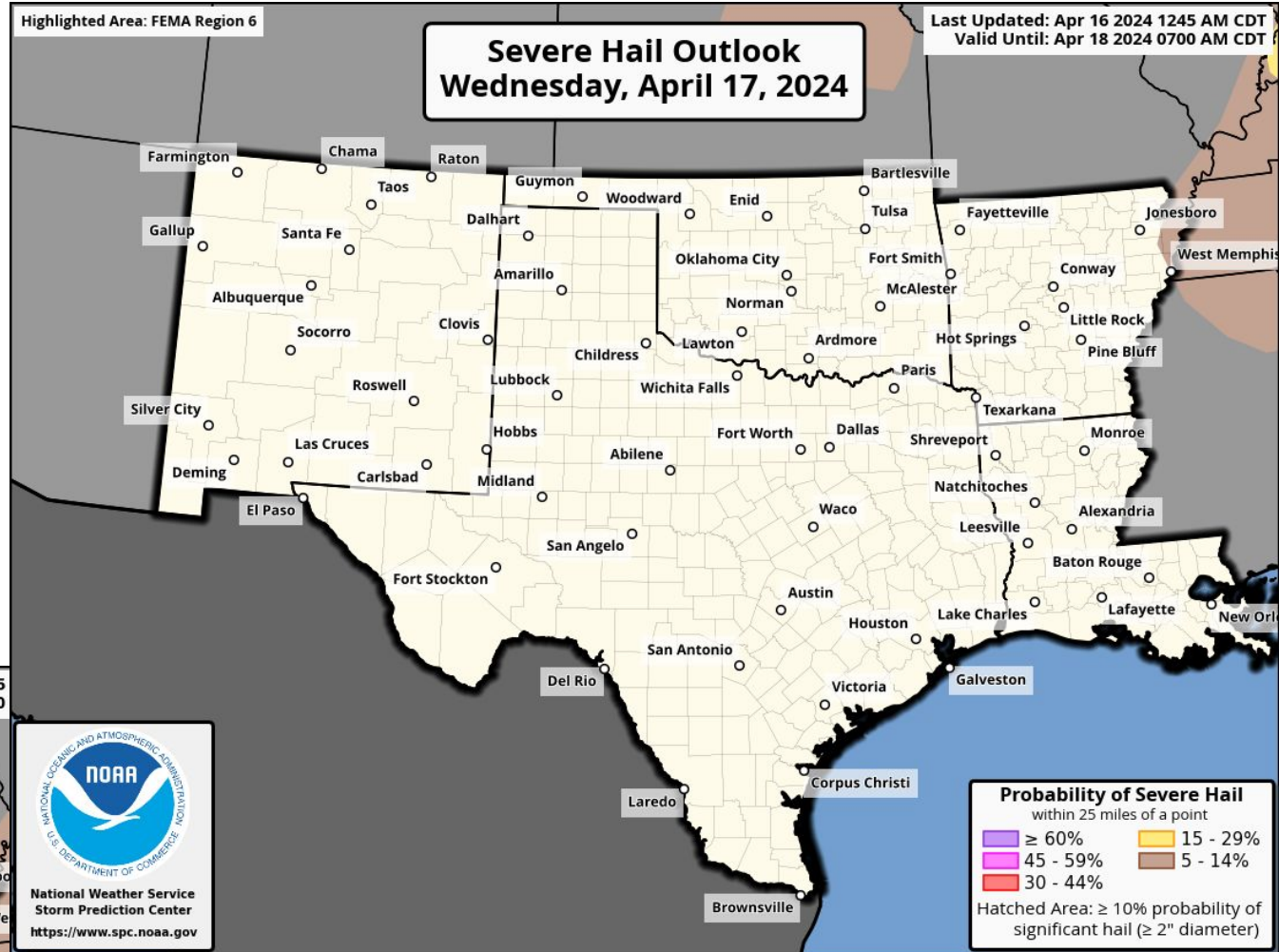
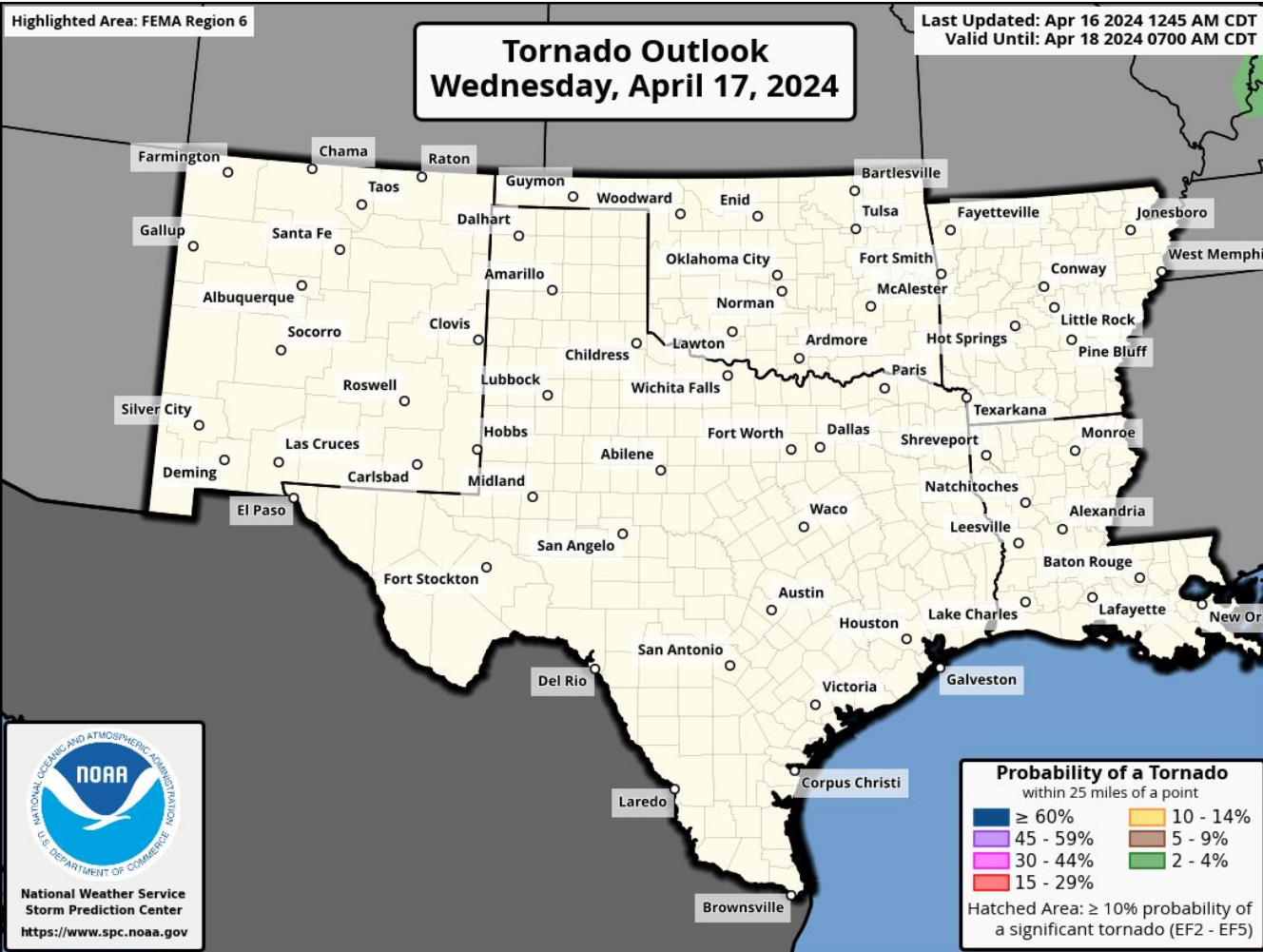


Excessive Rainfall Outlook



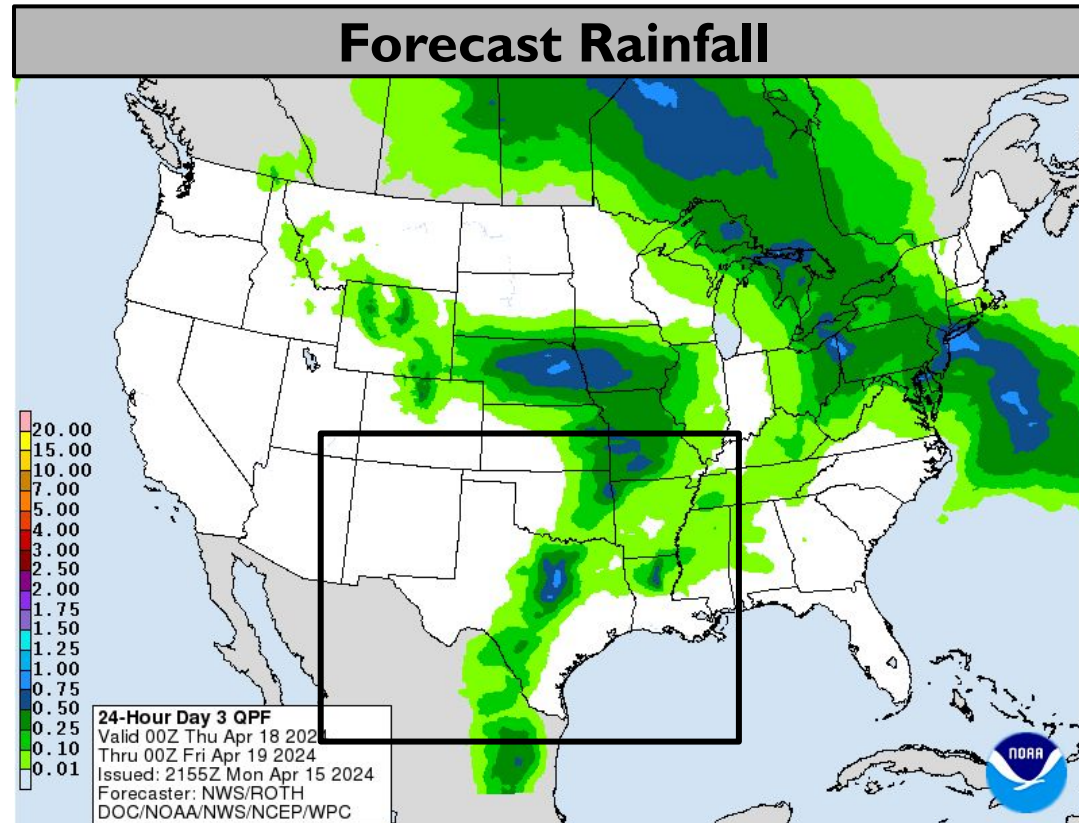
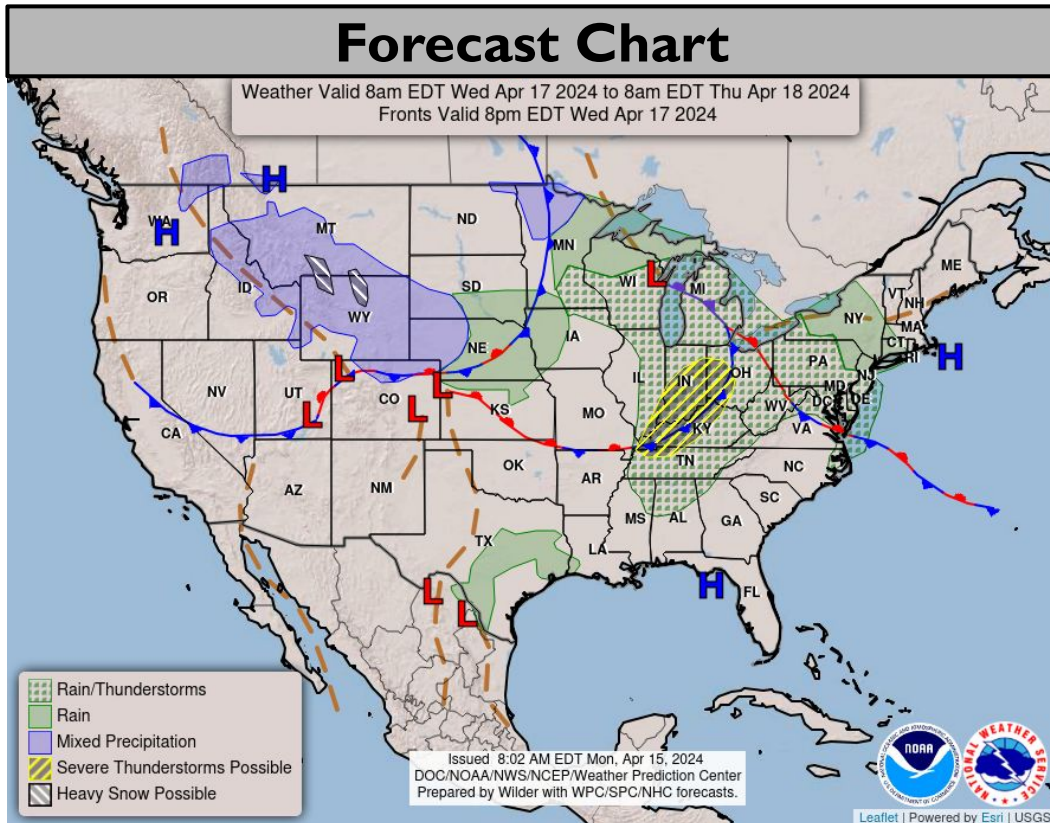


Tomorrow's Tornado & Severe Wind / Hail Probabilities



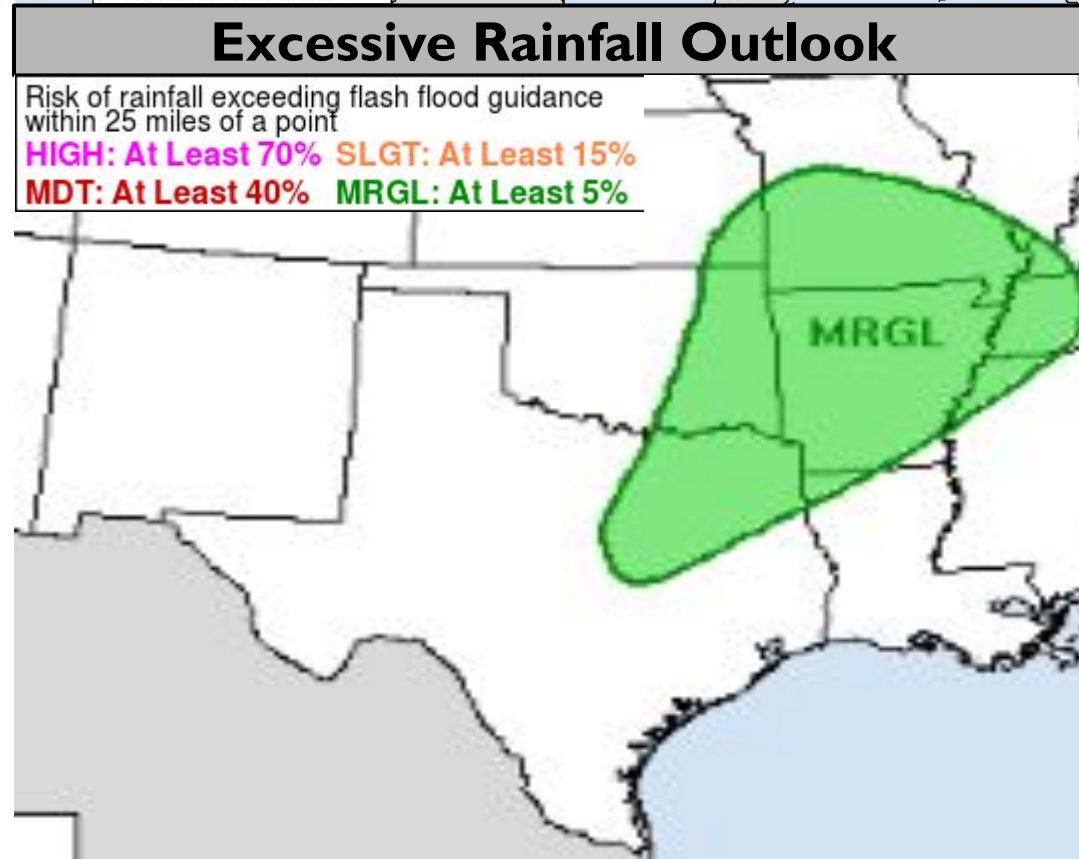
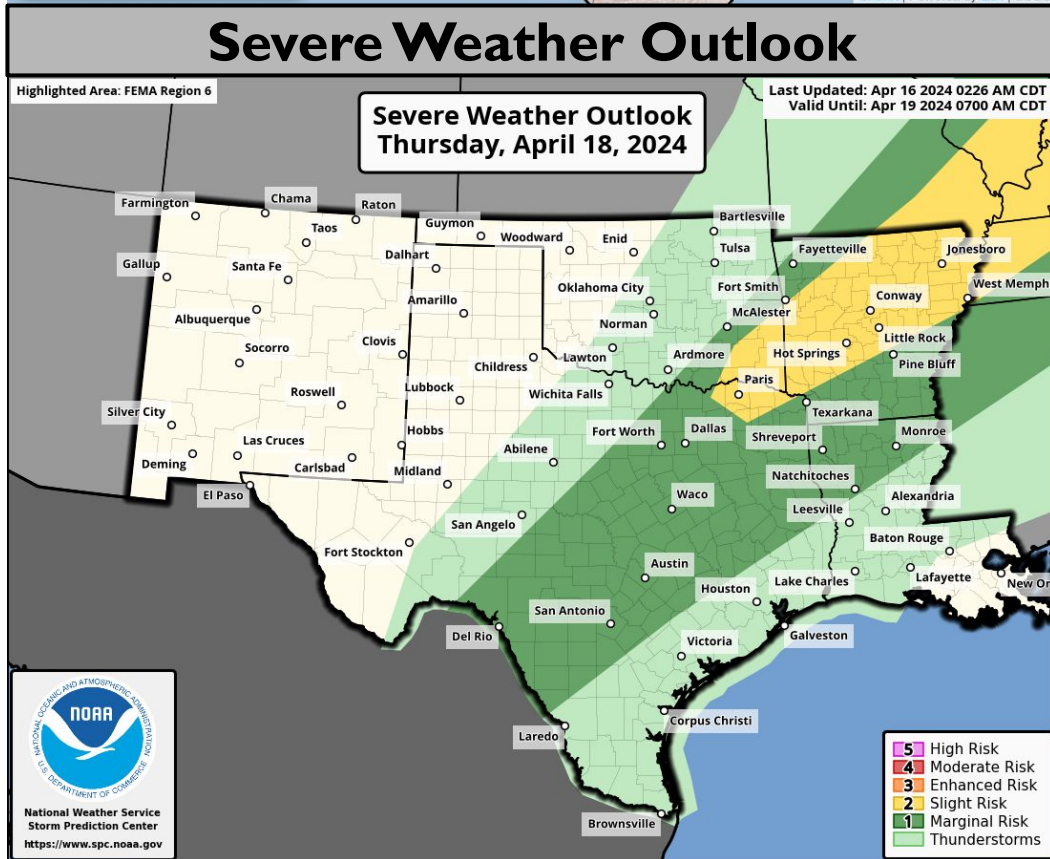


Thursday's Weather



Slight risk for severe thunderstorms SE OK, AR, NE TX.

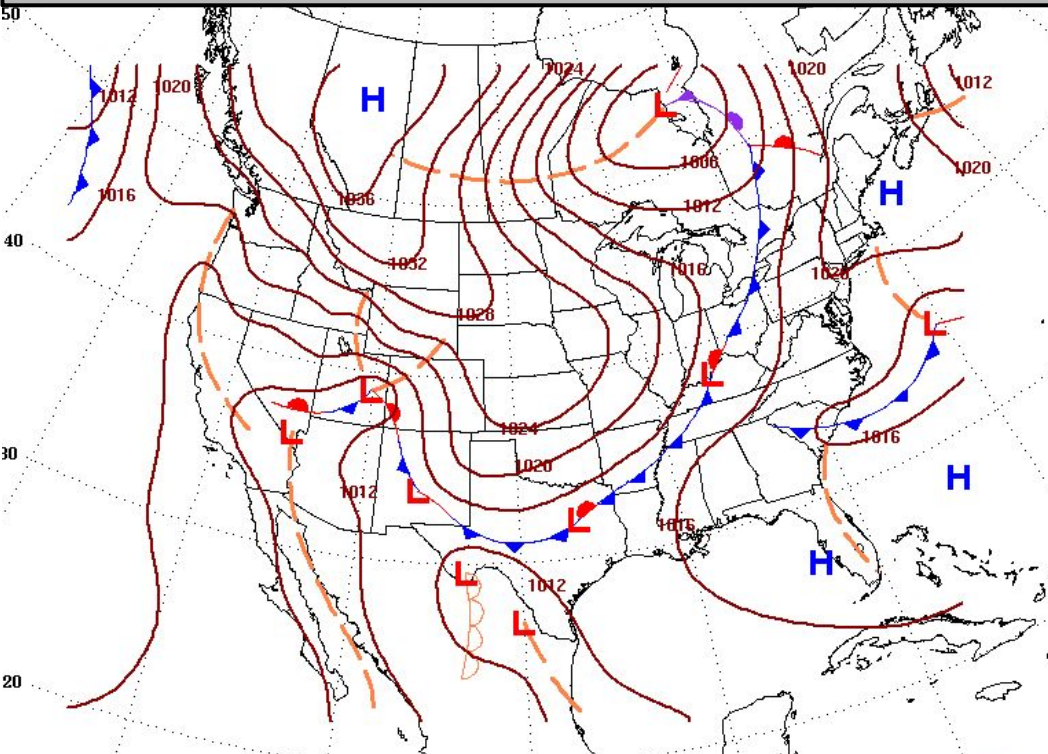
Marginal risk for heavy rain/flash flooding over E OK, AR, NE TX, and NW LA.



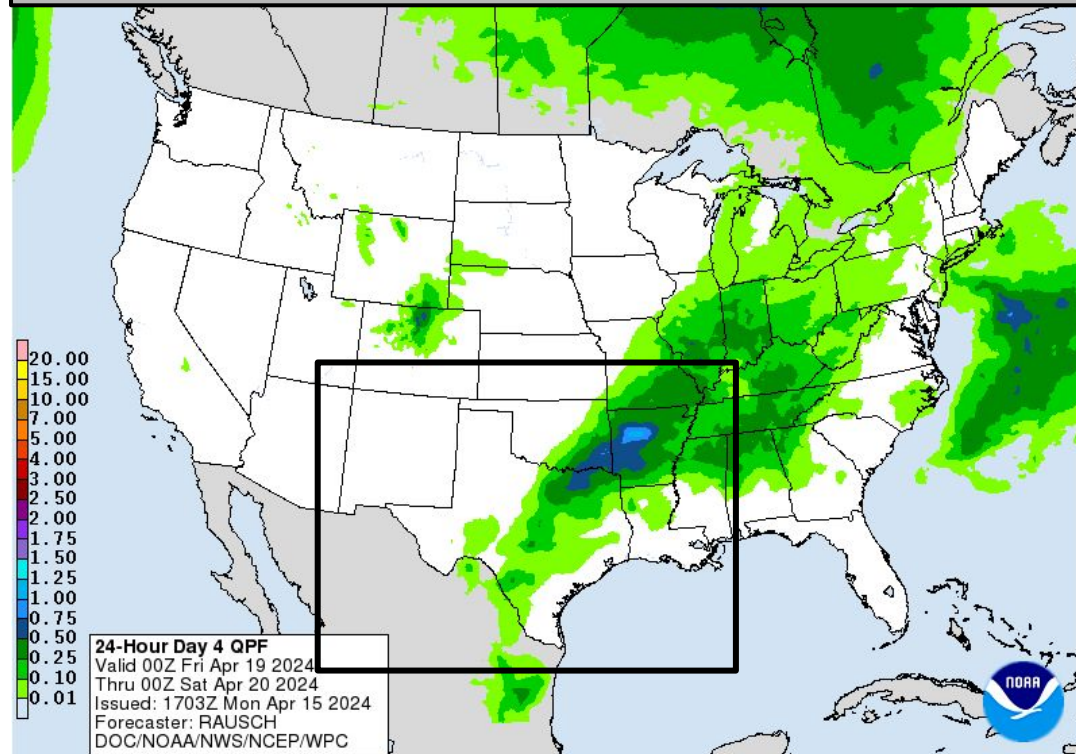


Friday's Weather

Forecast Chart

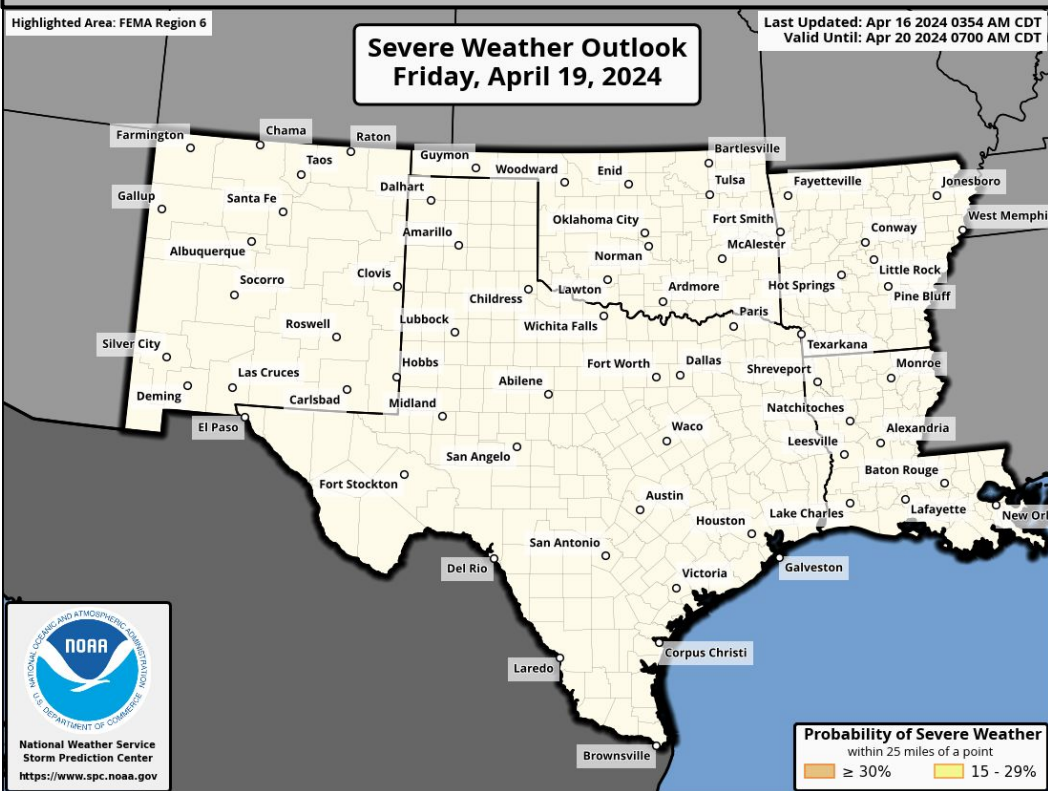


Forecast Rainfall

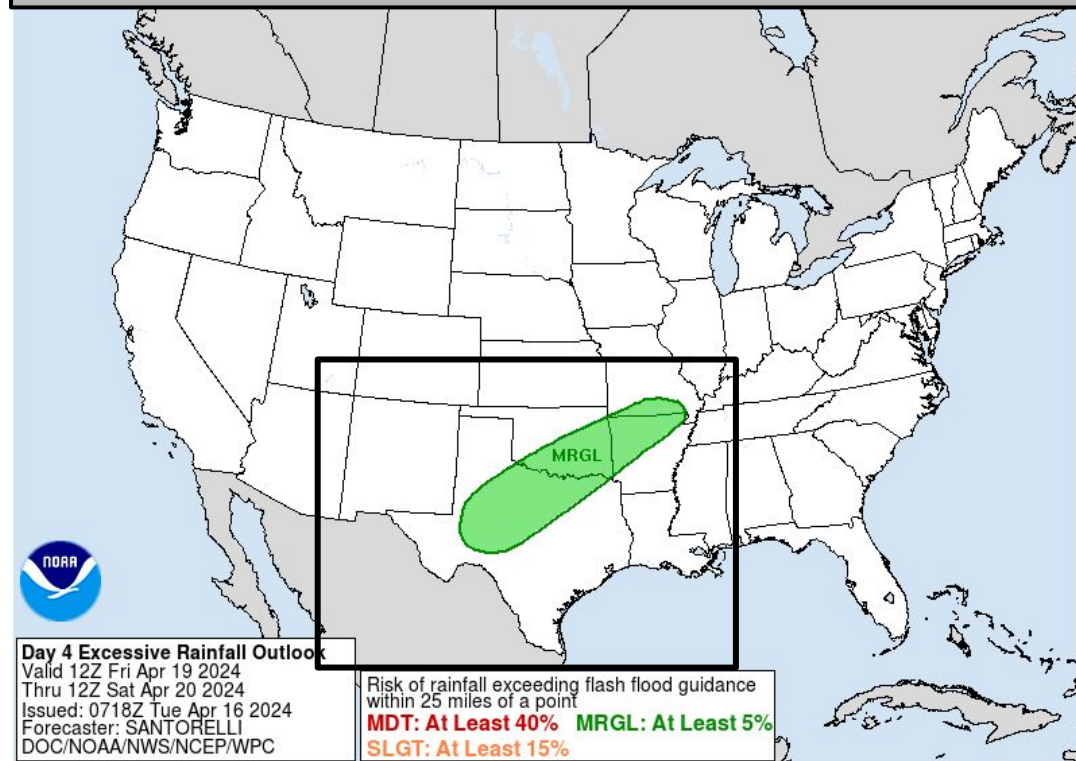


Marginal risk for heavy rain/flash flooding over S/E OK, N/W AR, N/W TX.

Severe Weather Outlook



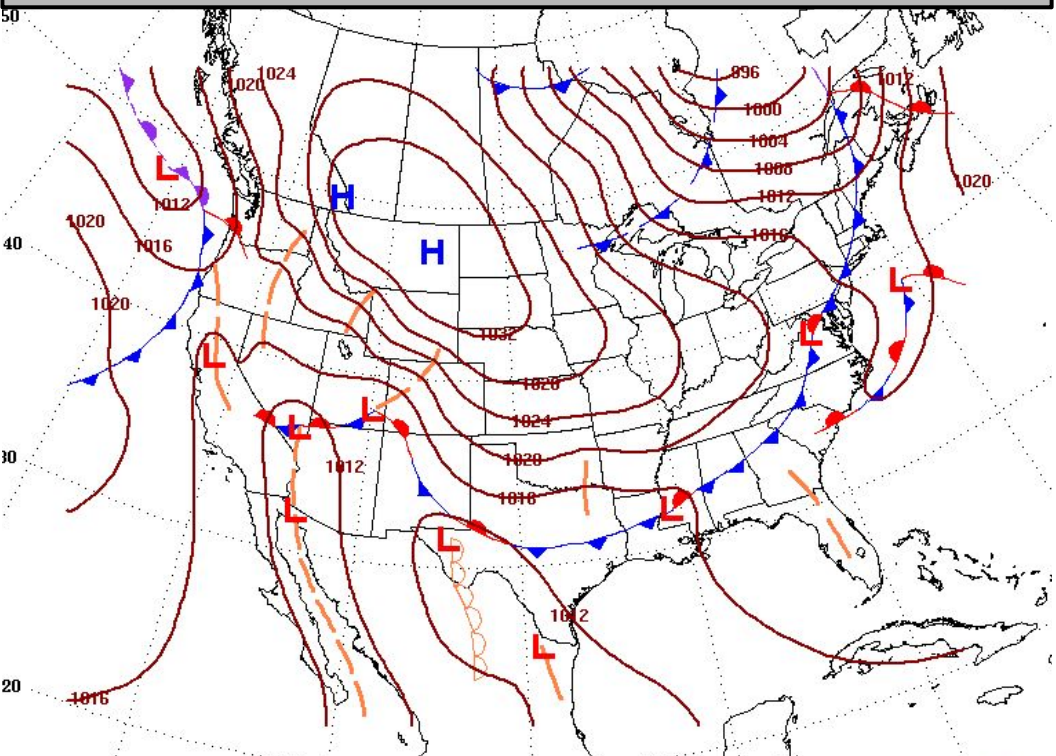
Excessive Rainfall Outlook



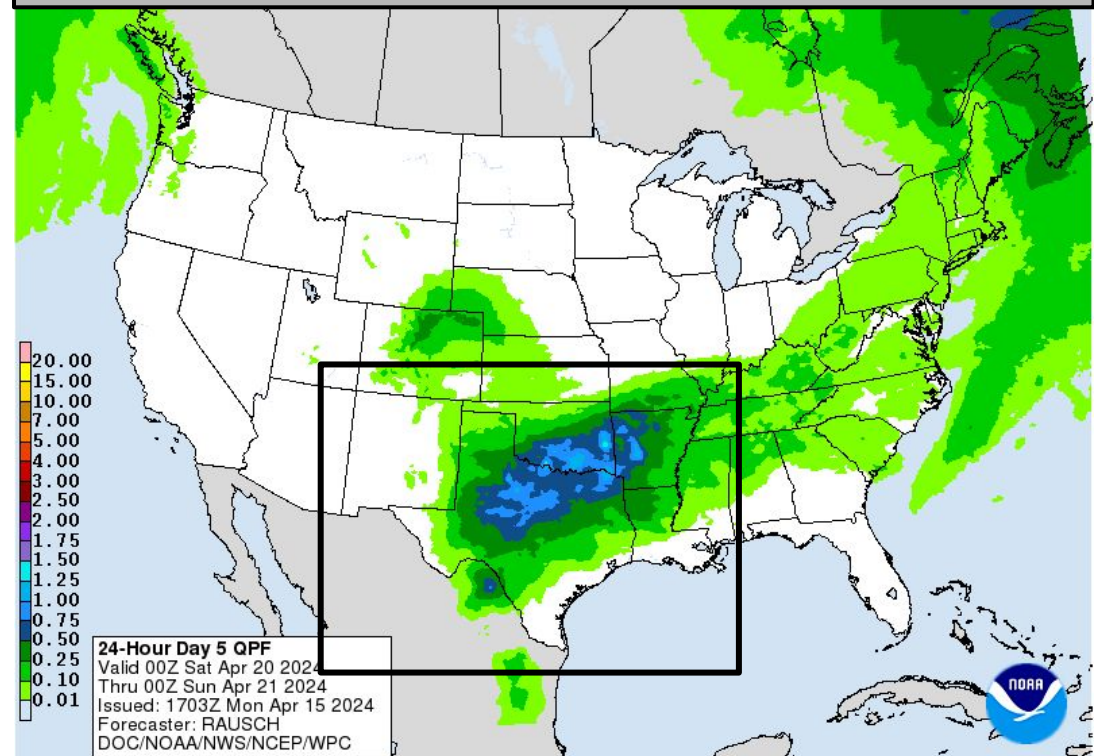


Saturday's Weather

Forecast Chart

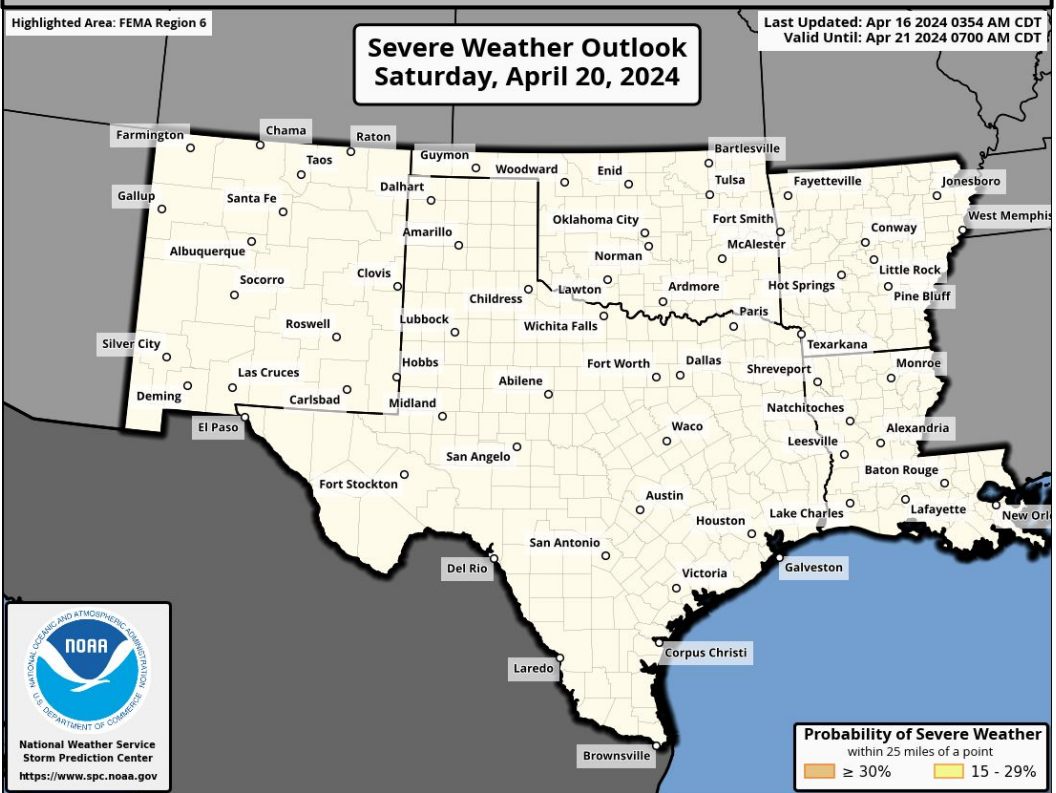


Forecast Rainfall

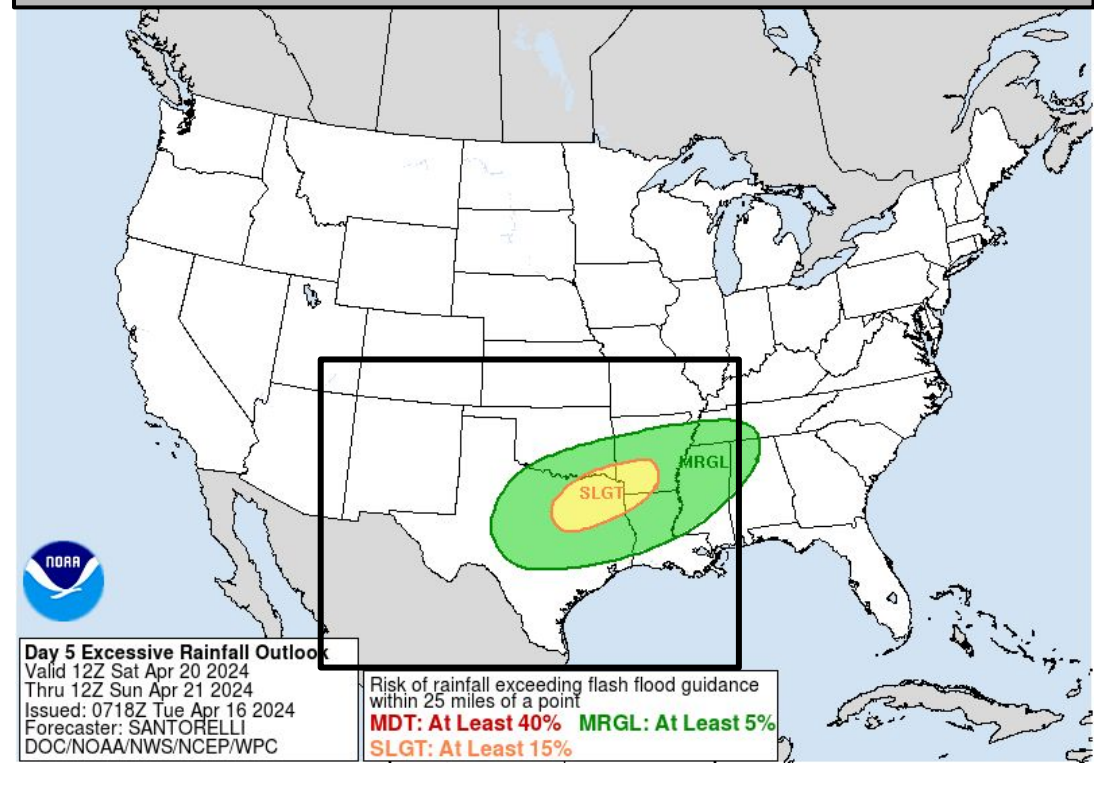


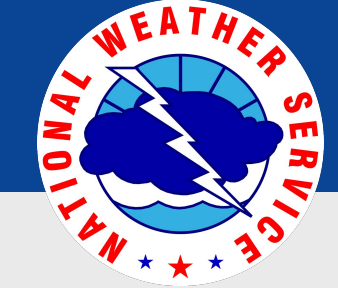
Slight risk for heavy rain/flash flooding over SE OK, SW AR, NE TX, NW LA.

Severe Weather Outlook



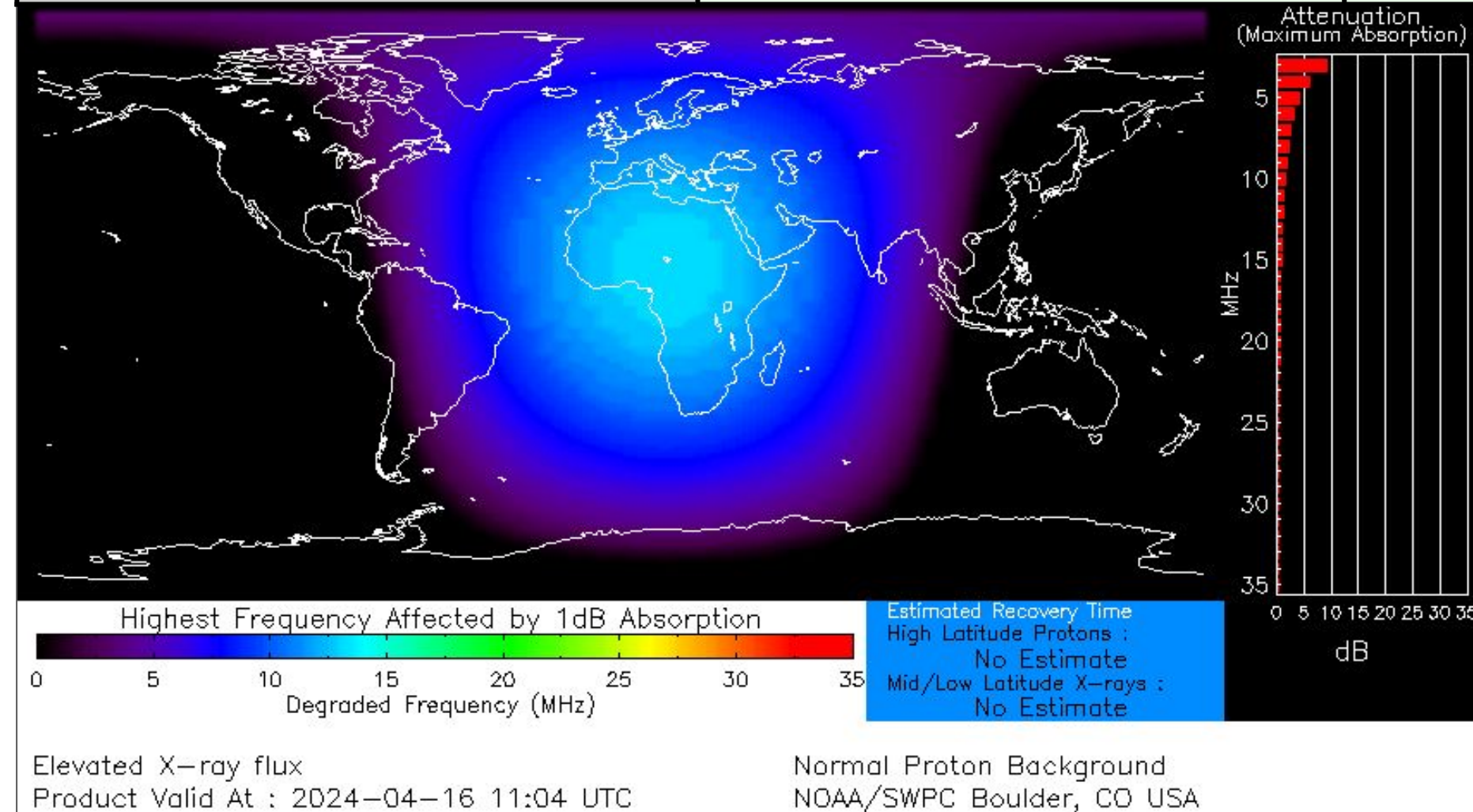
Excessive Rainfall Outlook





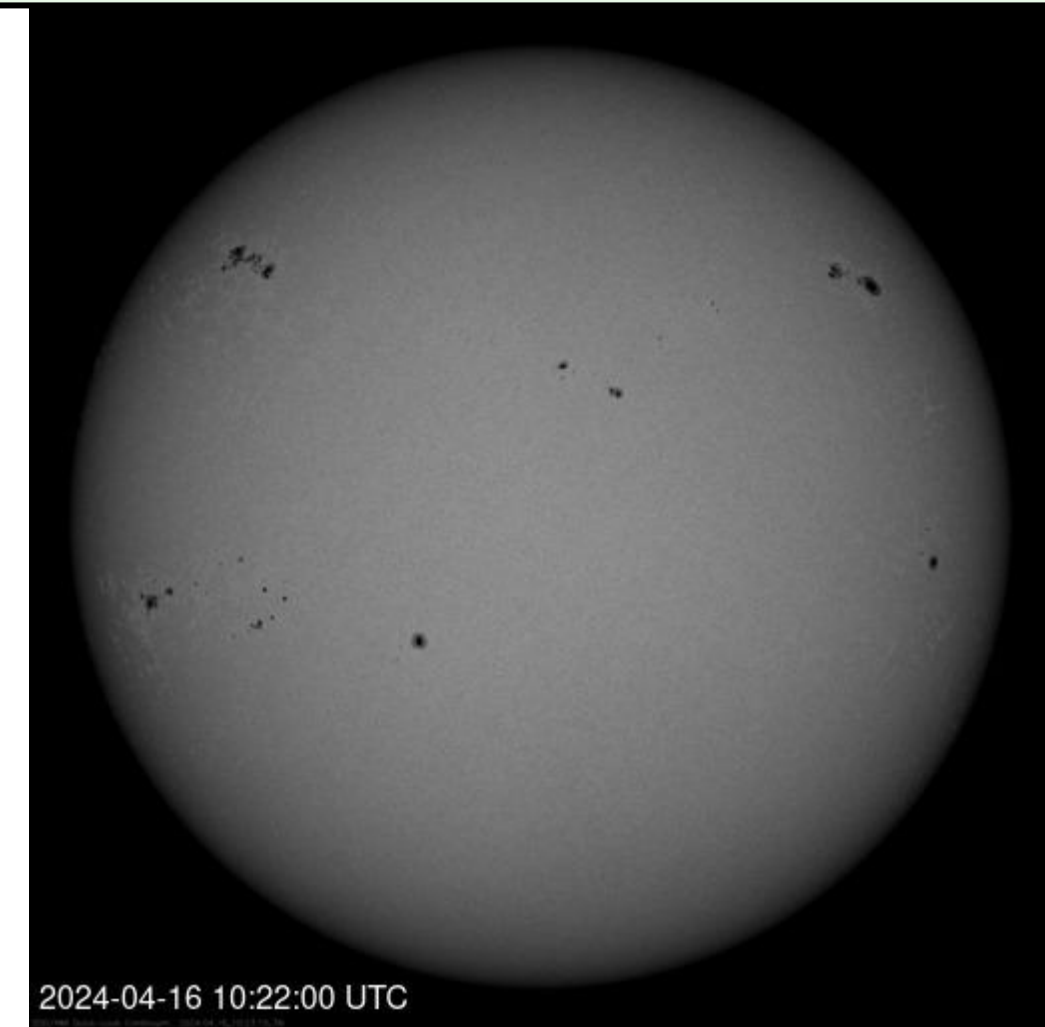
Space Weather 3-Day Forecast

	Tuesday, Apr 16	Wednesday, Apr 17	Thursday, Apr 18
Geomagnetic Storms	Active (Max Kp = 4)	Active (Max Kp = 4)	Unsettled (Max Kp = 3)
Solar Radiation Storm (S1-S5)	5%	5%	5%
Radio Blackout (R1-R2)	60%	60%	60%
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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