



# FEMA



Prepared by  
*Mark Wiley*

# FEMA Region 6 Weather Threat Briefing

## Wednesday, April 16, 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](https://www.weather.gov/srh).



National Oceanic and  
Atmospheric Administration  
U.S. Department of Commerce

National Weather Service  
Southern Region



# Summary

- **Fire Weather:** Elevated to critical (levels 1-2 of 3) over NM and W TX today; critical to extremely critical (levels 2-3 of 3) Thursday over NM, TX/OK Panhandles and W TX; elevated to critical (levels 1-2 of 3) over NM and W TX on Friday.
- **Severe Weather:** Marginal risk (level 1 of 5) for severe storms over NW/N OK today. Slight risk (level 2 of 5) for severe storms Friday in NW/N TX, OK, NW AR; from SW-NE TX, SE OK, NW LA and AR on Saturday; then over E TX, AR and LA on Sunday.
- **Flash Flooding:** Slight risk (level 2 of 4) for flash flooding over C/NE OK Friday; N/NW TX, OK and NW AR on Saturday.
- **Widespread moderate to major river flooding over AR through the next 7 days with isolated major flooding in SE LA by Tuesday, April 22. Widespread minor to isolated moderate river flooding over E TX and LA. Gradual improvement for most of AR through the week.**





# FEMA Region 6 Threat Matrix

Next 7 days

	Wednesday, Apr 16	Thursday, Apr 17	Friday, Apr 18	Saturday, Apr 19	Sunday, Apr 20	Monday, Apr 21	Tuesday, Apr 22
Severe Storms	NW/N OK		NW/NTX, OK, NW AR	SW-NETX, SE OK, NW LA, AR	ETX, AR, LA		
Heavy Rain / Flash Flooding			C/NE OK	OK, N/NW TX, NW AR			
Fire Weather	NM, W TX	NM TX/OK Panhandles, W TX, W OK	NM, W TX				
Winter							
River Flooding	AR ETX, LA	AR ETX, LA	AR ETX, LA	AR ETX, LA	AR ETX, LA	AR ETX, LA	AR 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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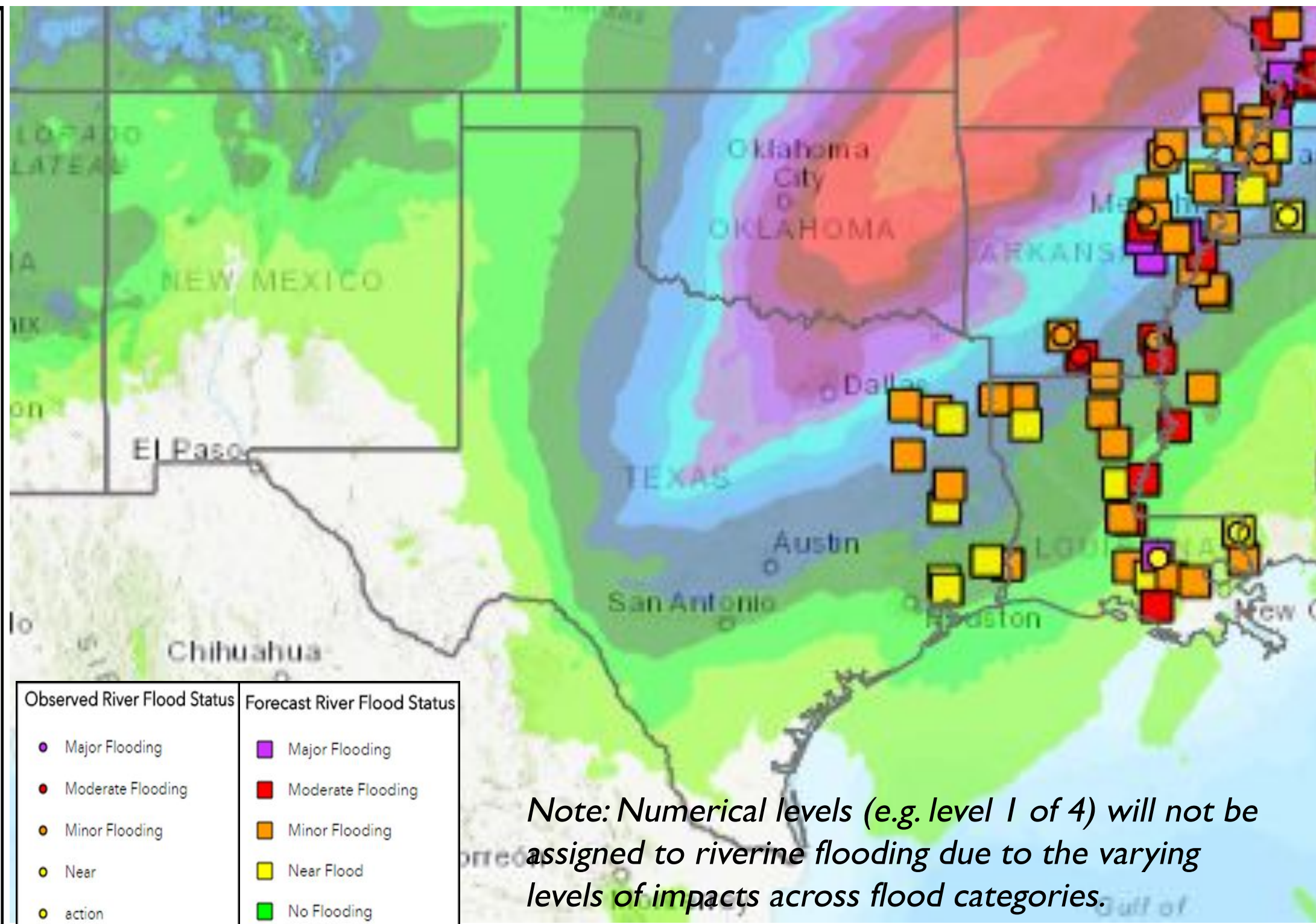
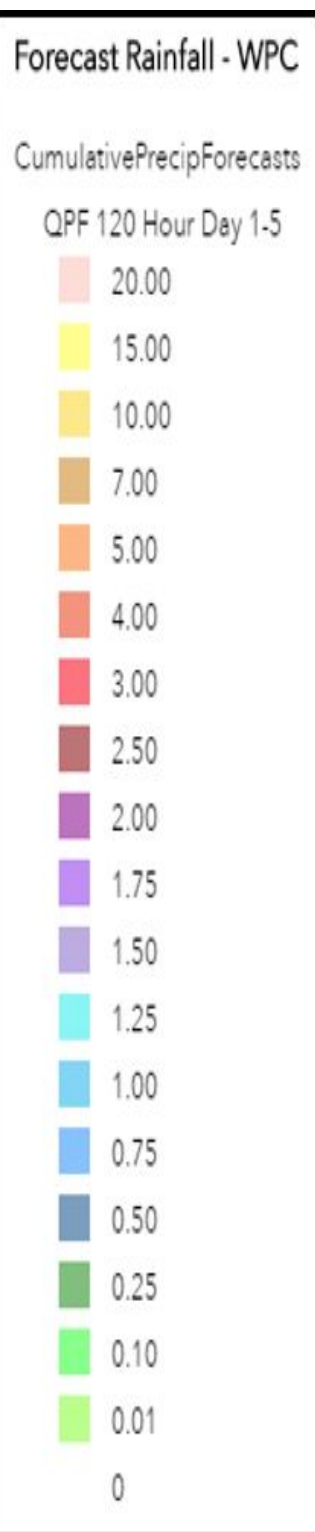






# 5-Day Precipitation Forecast & River Flood Status

*Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall*



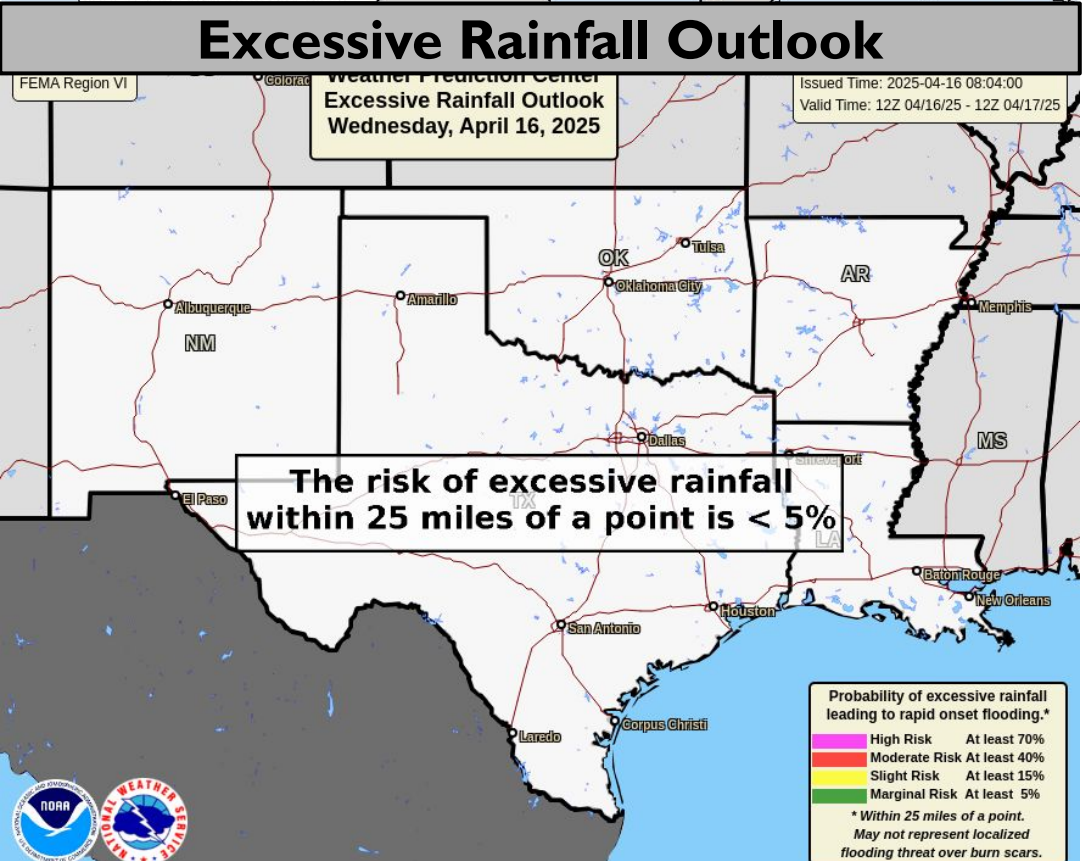
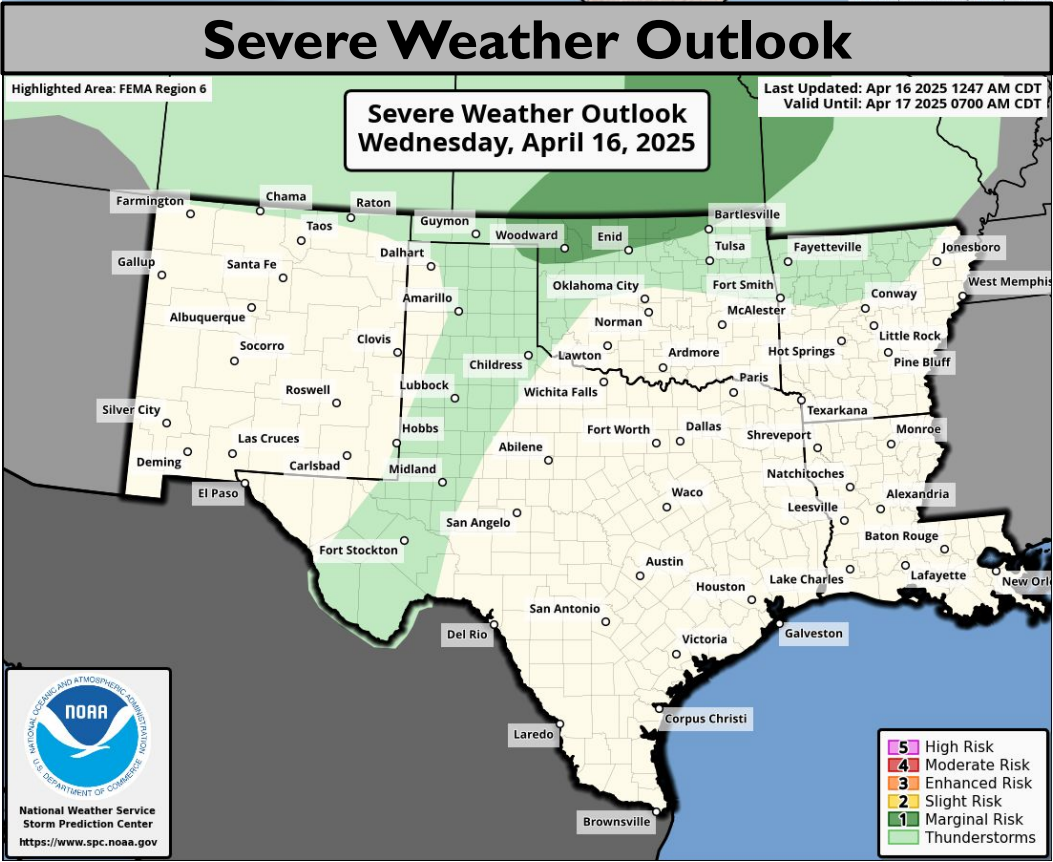
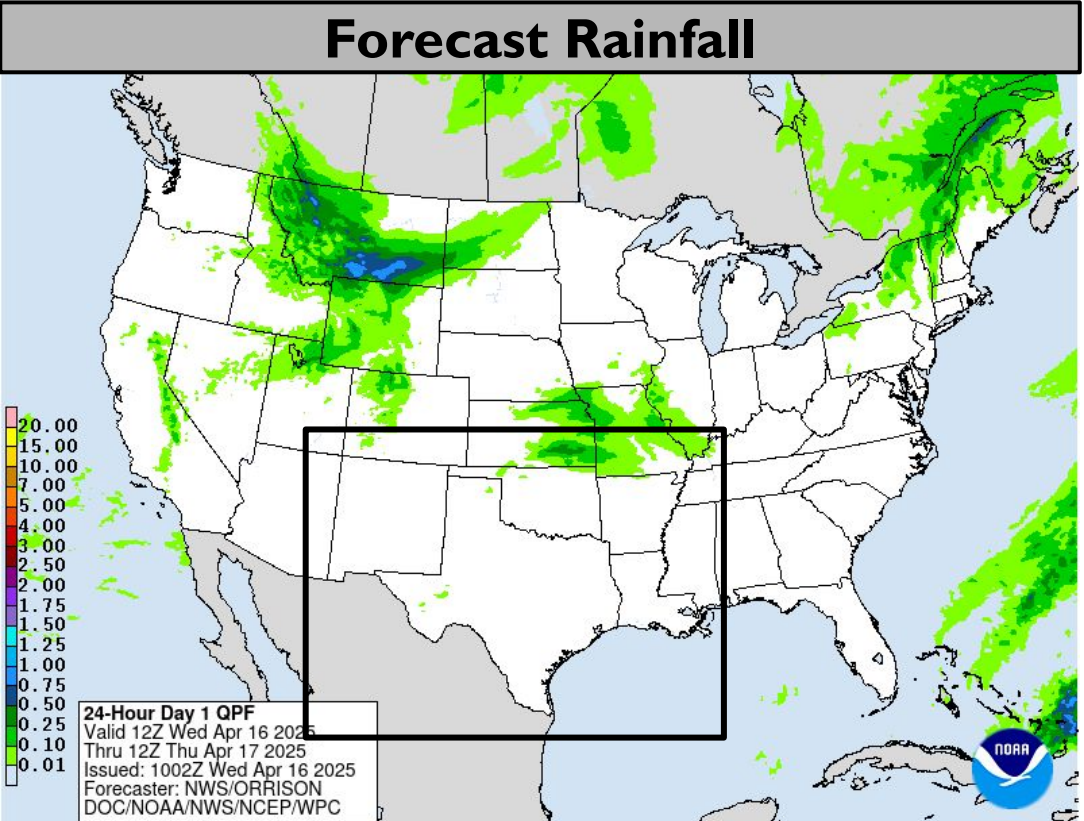
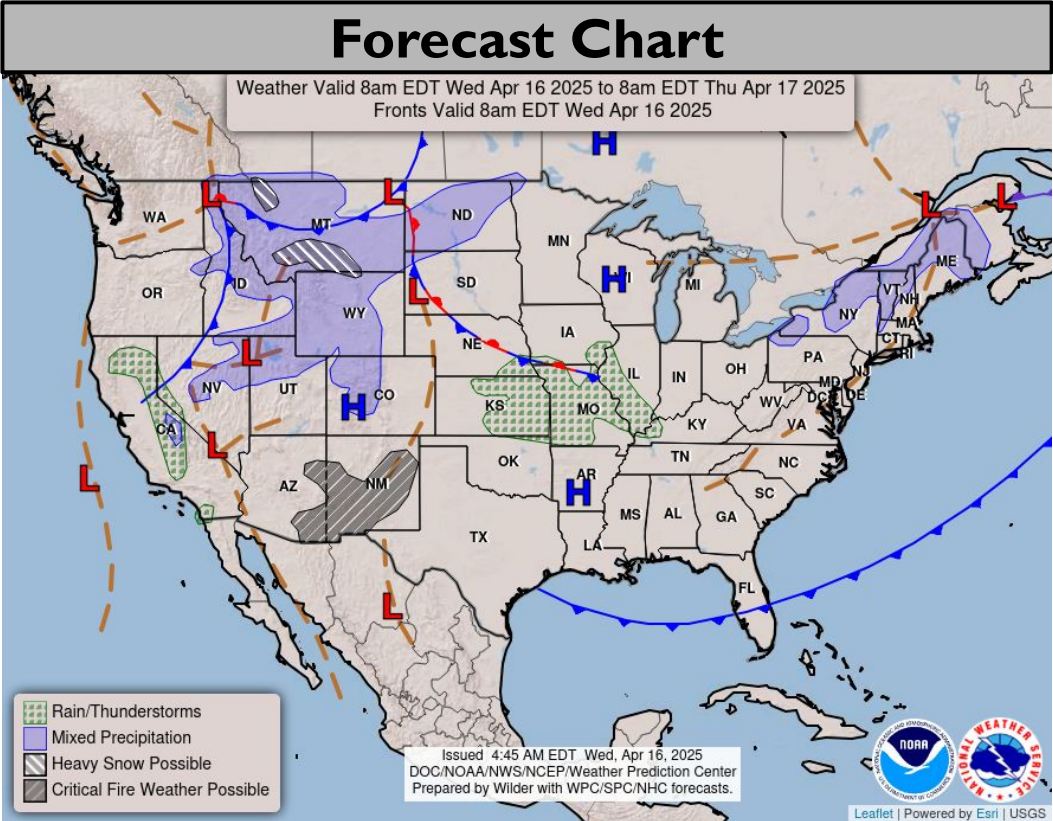
- Widespread moderate to major river flooding in AR where numerous homes and roads/highways will be flooded.
- Isolated Major Flooding in SE LA by next Tuesday, April 22. Baton Rouge and the main LSU campus are protected by levees at this forecast level.
- Widespread minor with isolated moderate river flooding over E TX and LA. Impacts mainly to secondary roads and agricultural areas.







# Today's Weather



**Elevated to critical (levels 1-2 of 3)  
fire weather conditions in NM, W  
TX, TX/OK Panhandles.**

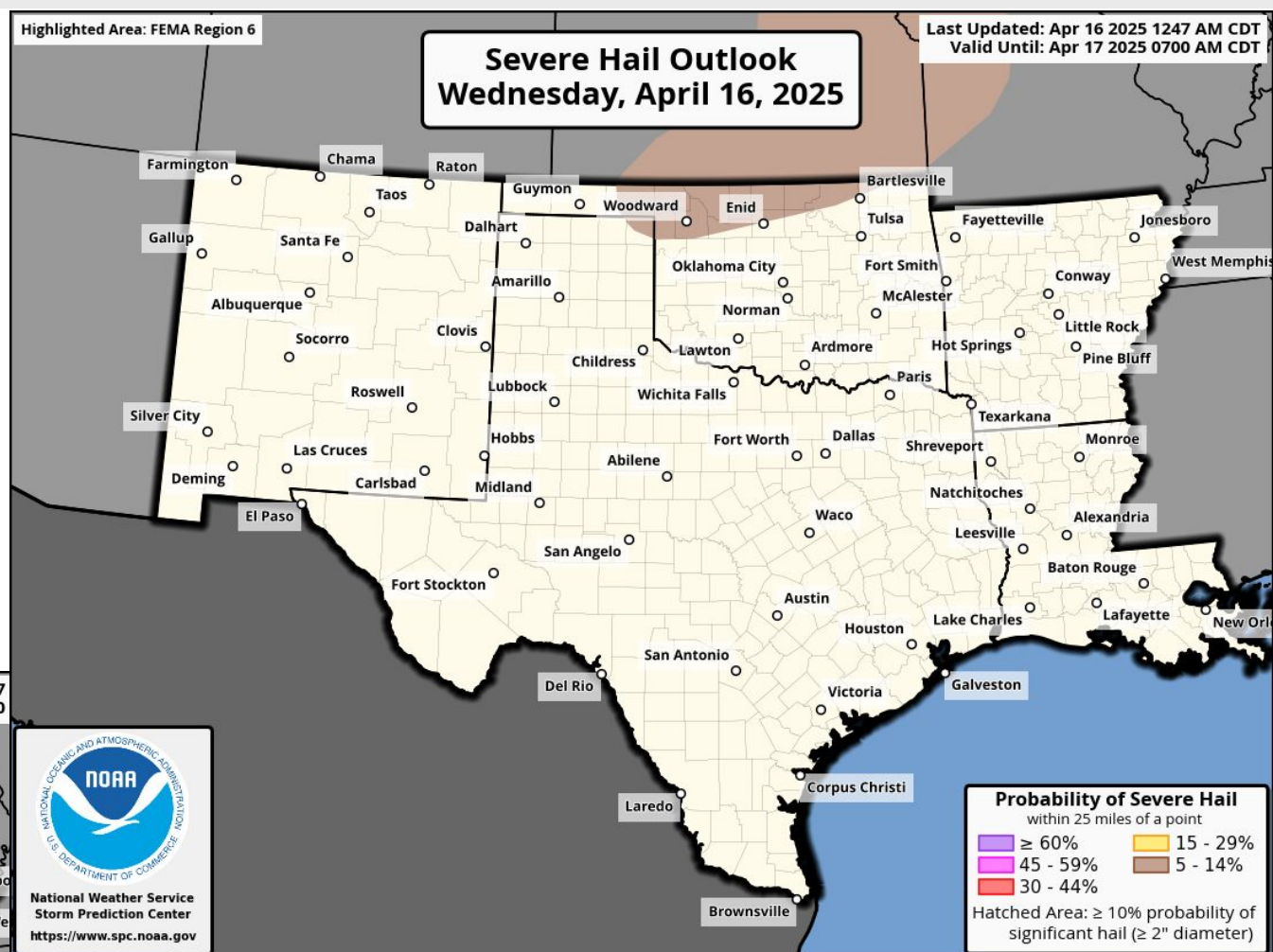
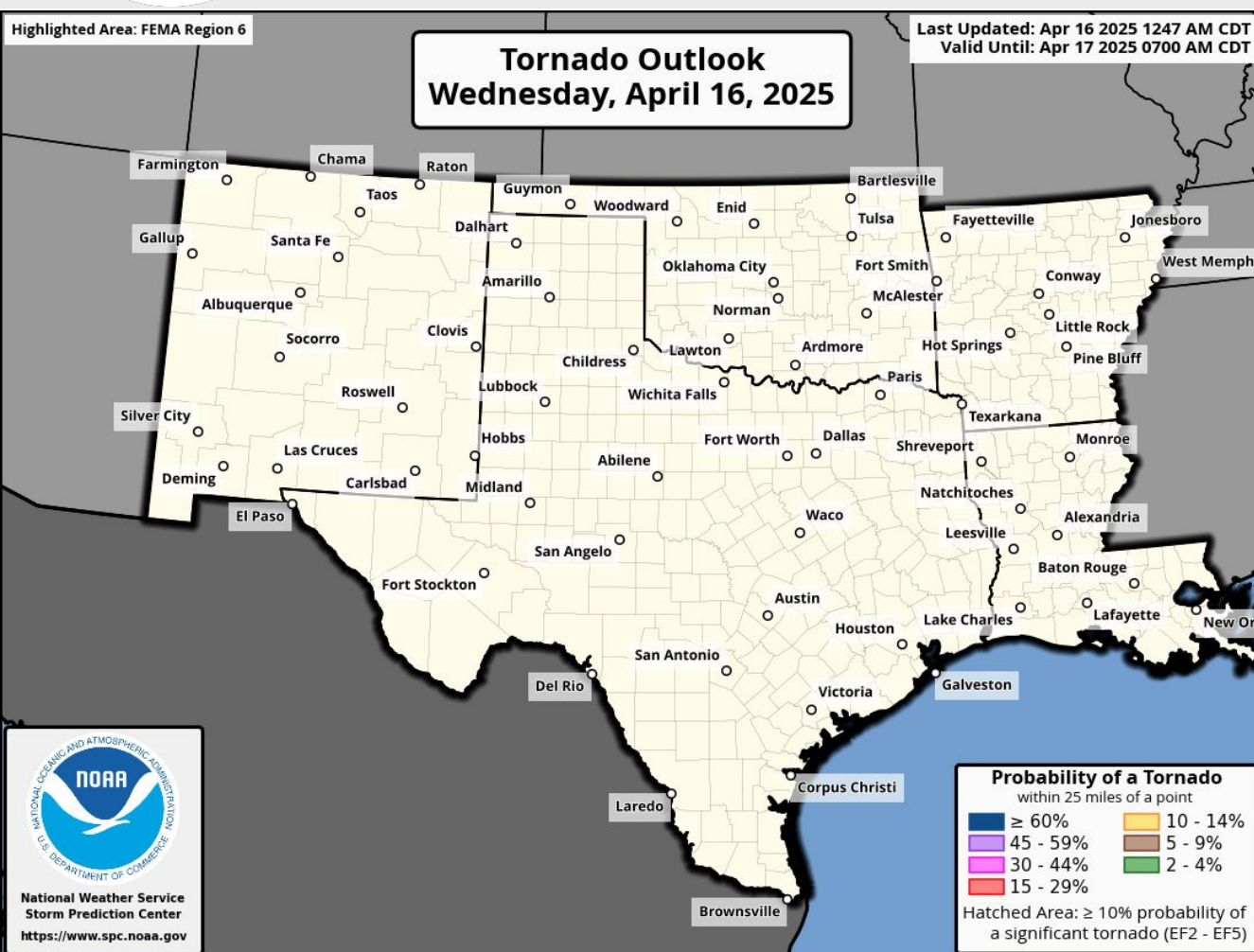
**Marginal risk (level 1 of 5) of  
severe storms over NW/N OK.**







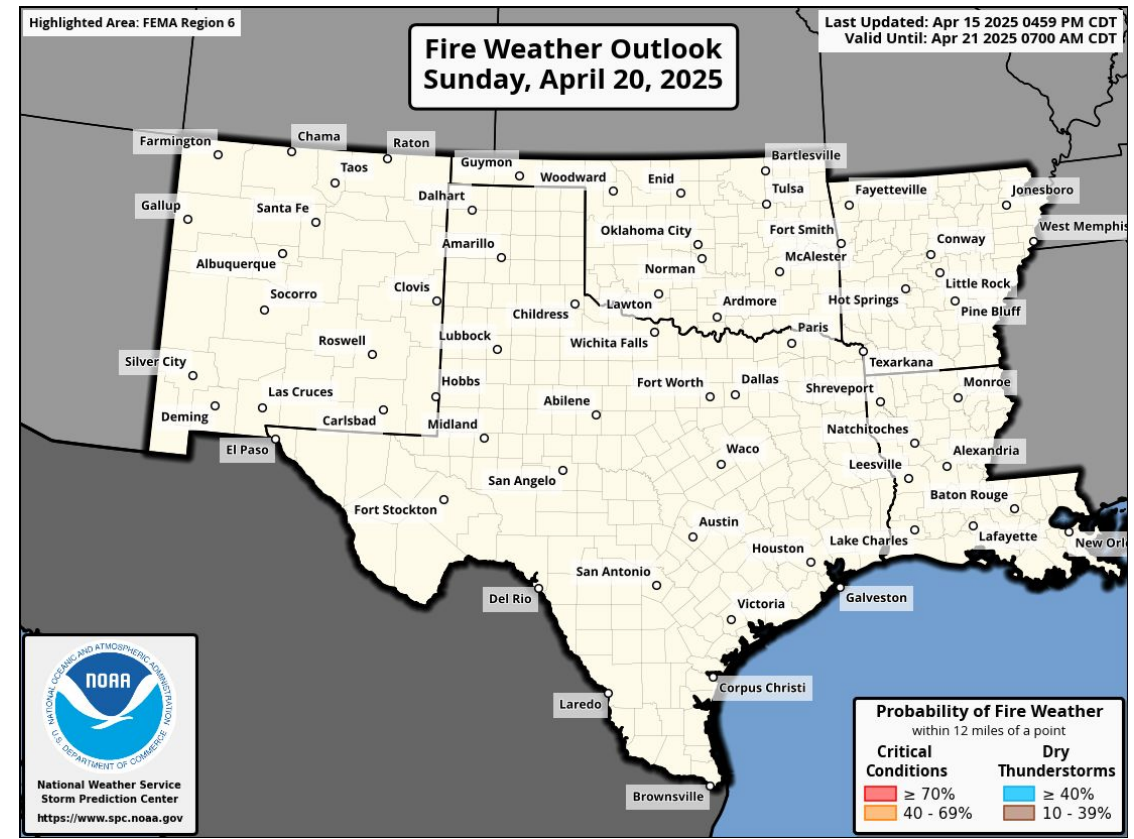
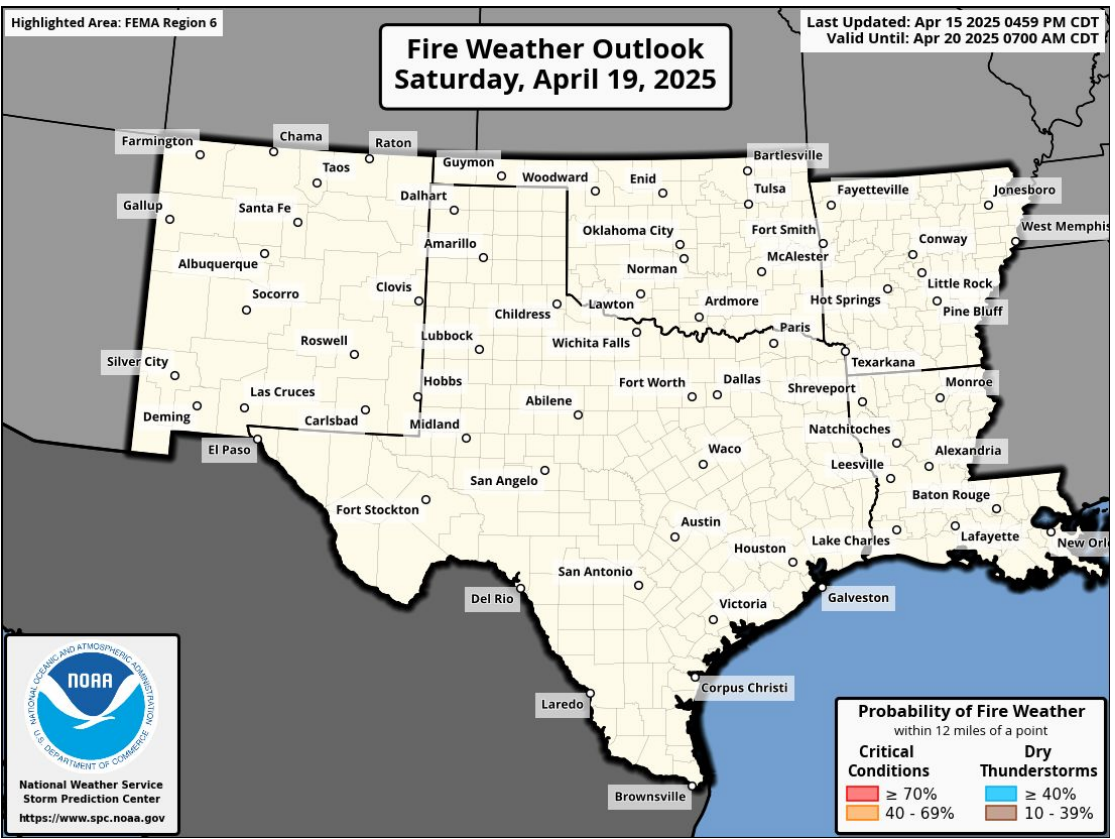
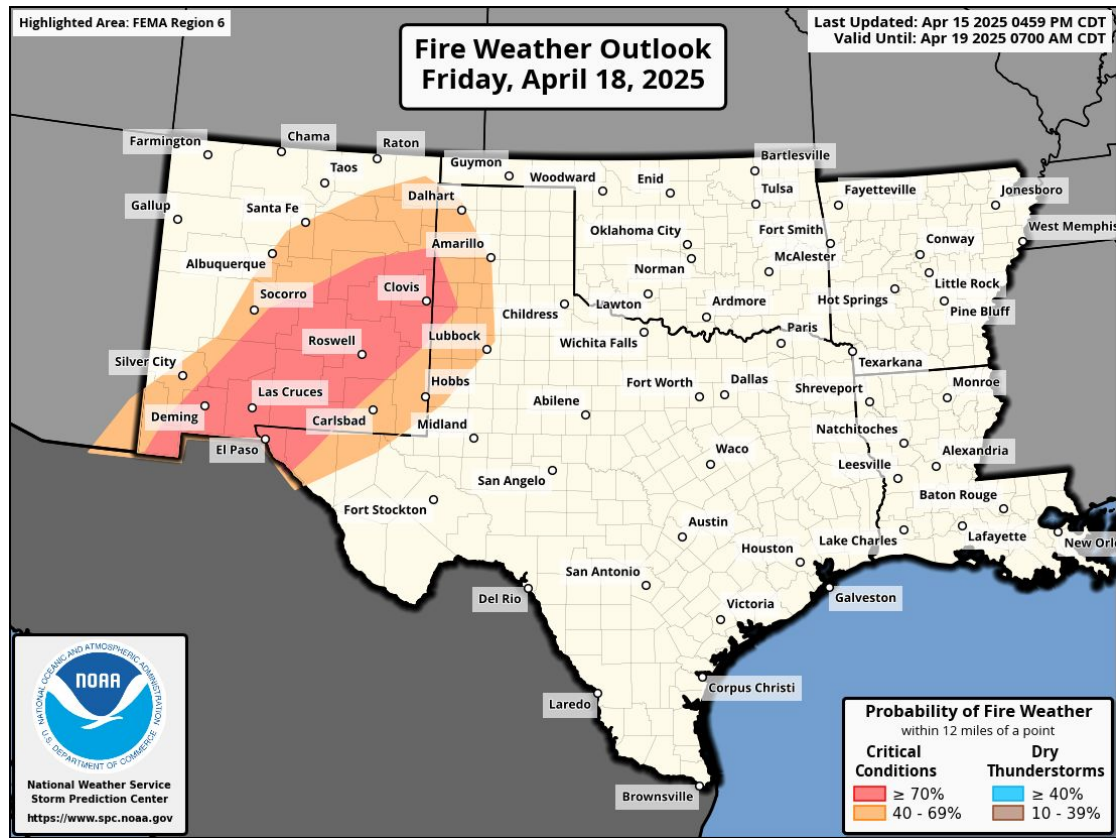
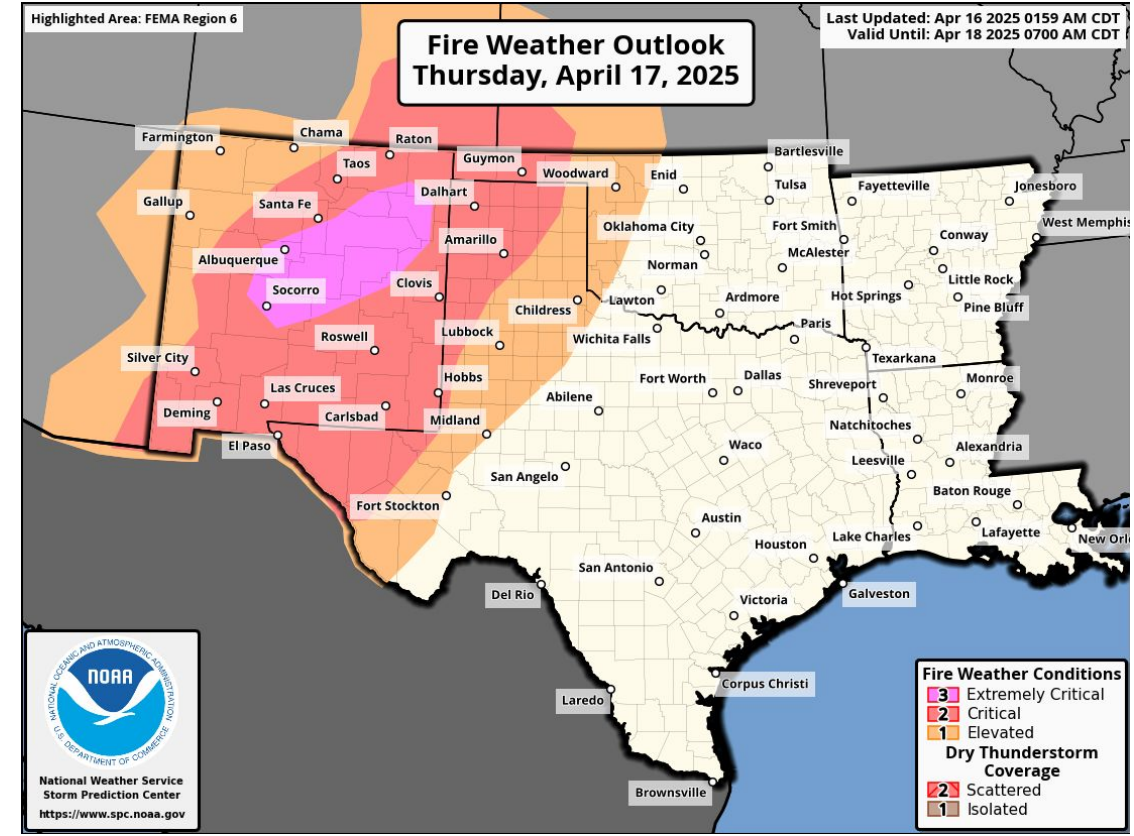
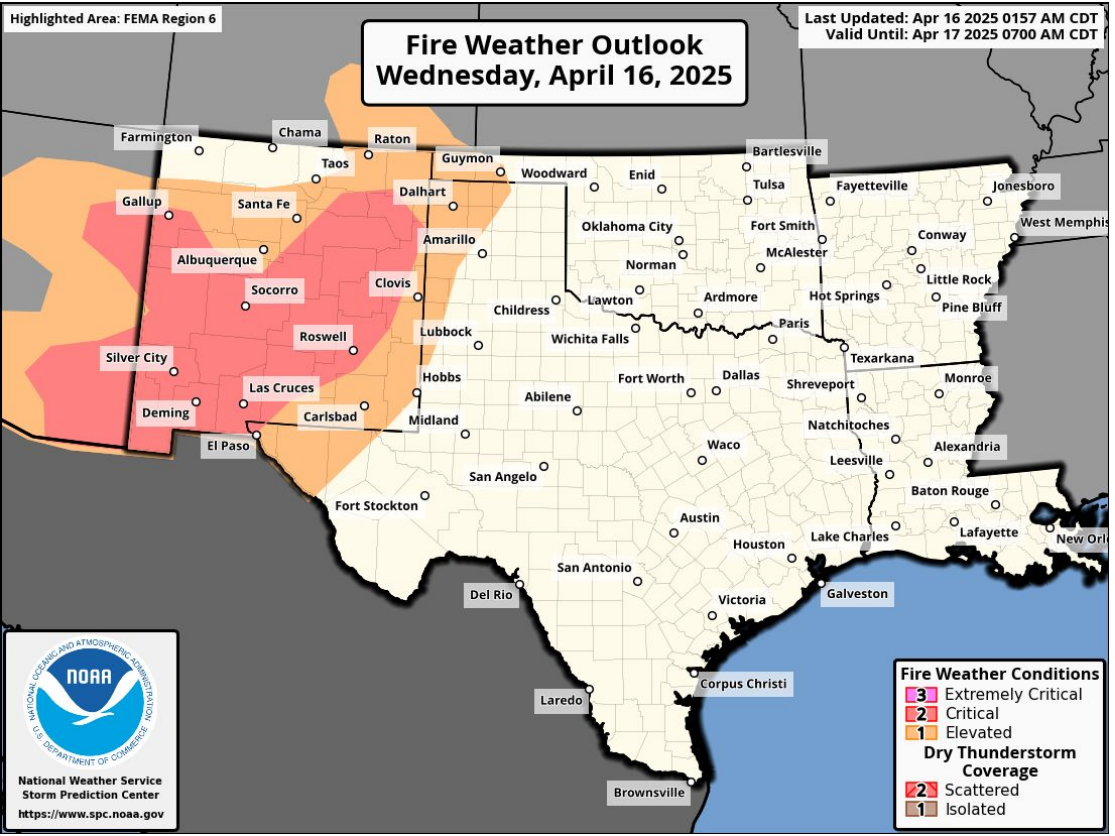
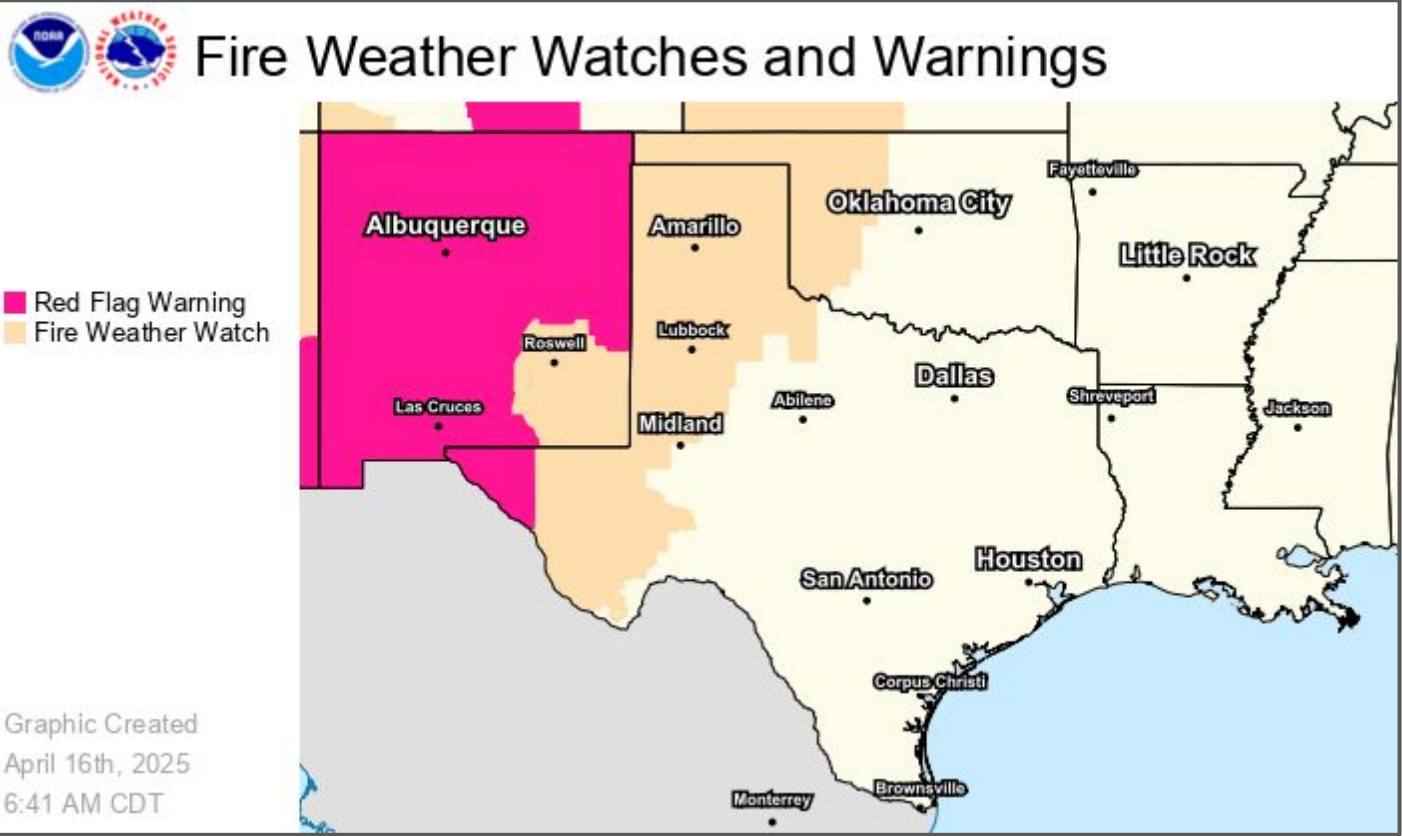
# Today's Tornado & Severe Wind / Hail Probabilities







# Fire Weather Outlooks

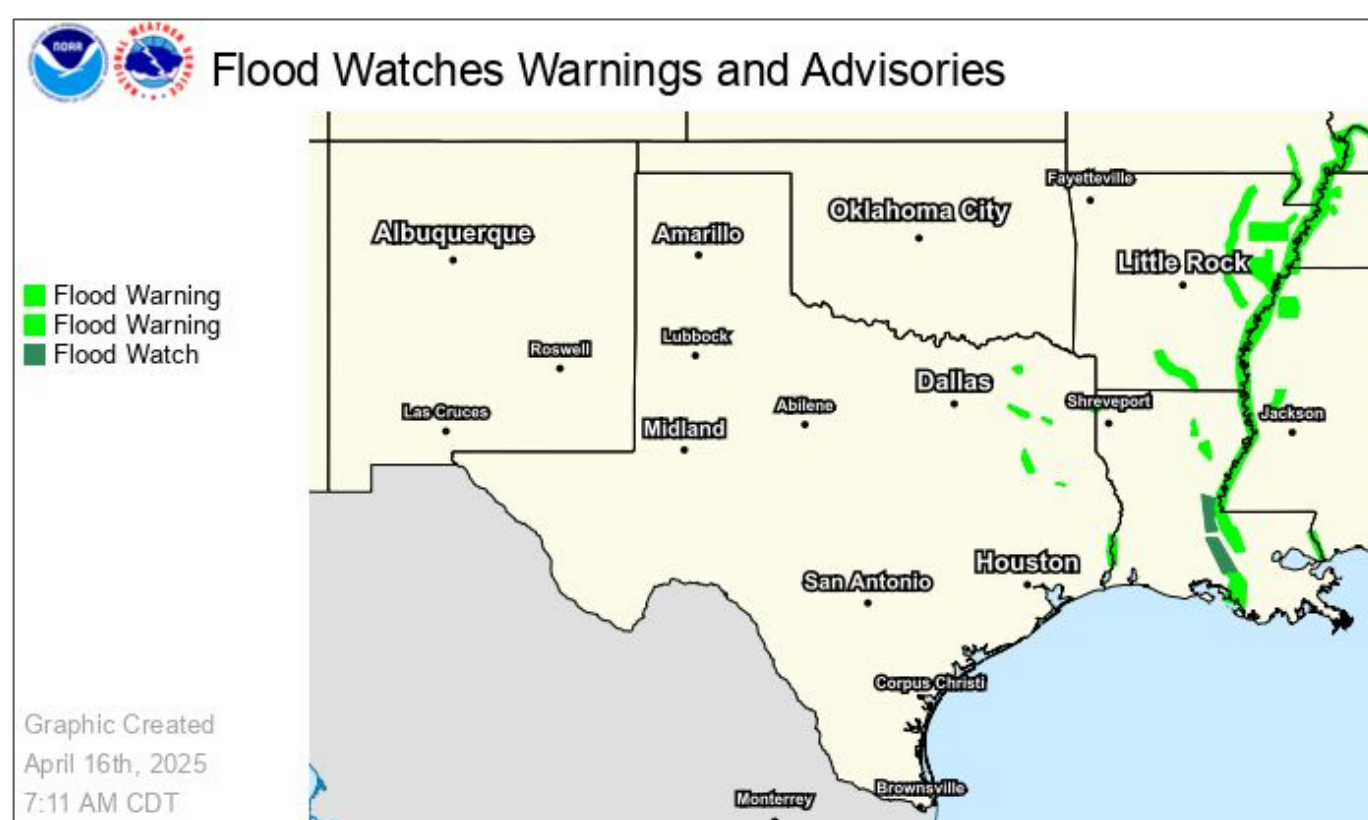
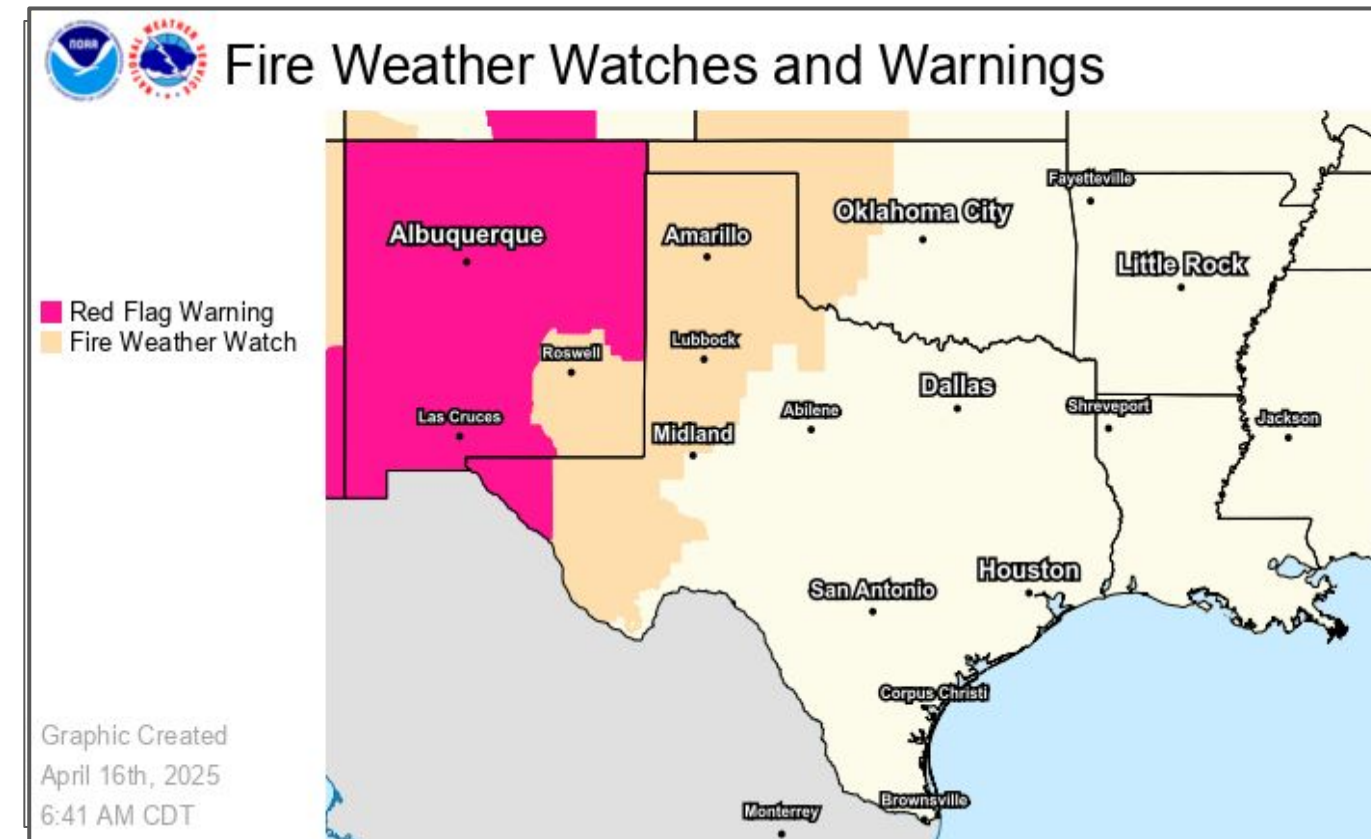
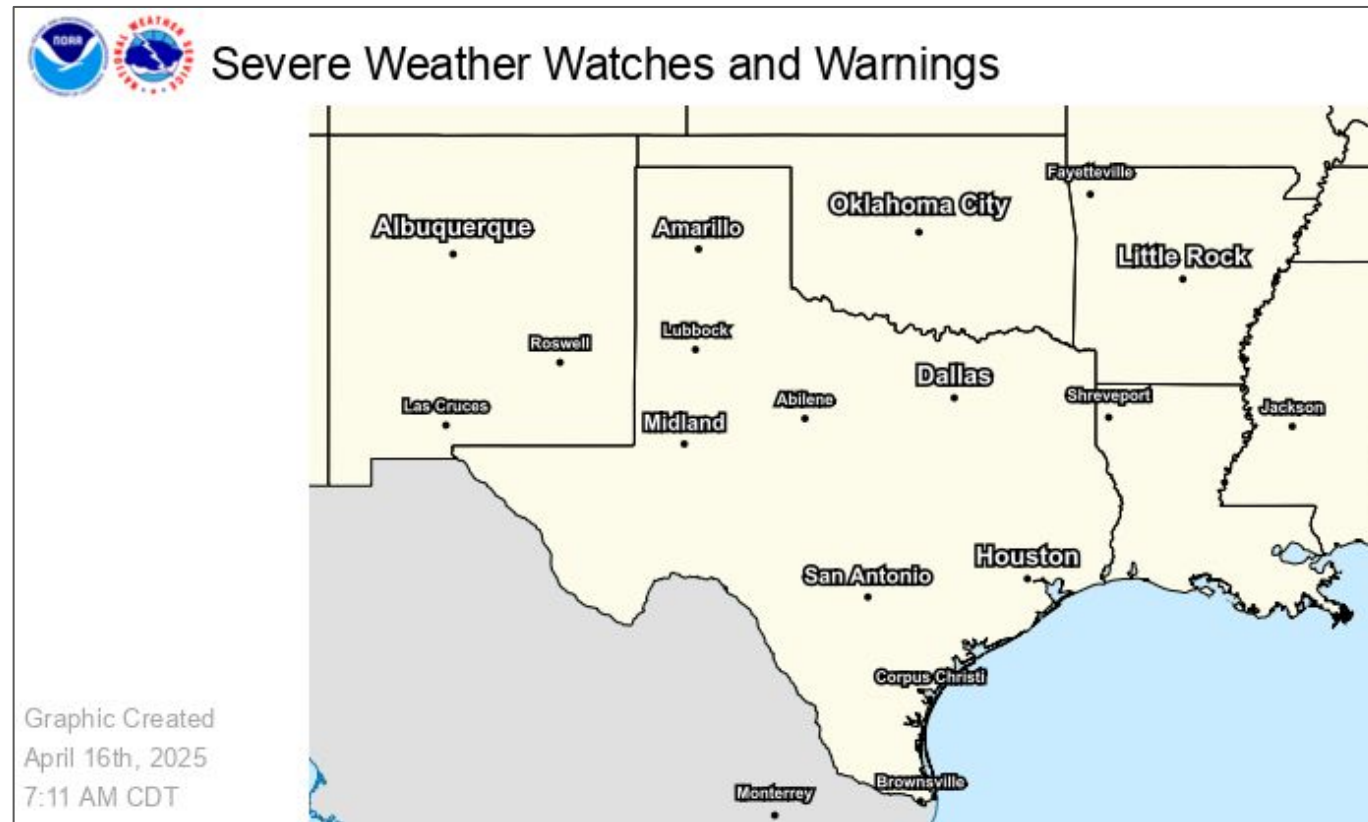






# Watches, Warnings, and Advisories

Wind, Severe, Heat, and Flood Hazards



**Red Flag Warnings today and tomorrow over NM and far W TX**

**High wind watch over NM for Thursday for SW winds of 30-40 mph with gusts to 60 mph.**

**Fire Weather Watch W OK, Panhandles and W TX on Thursday.**

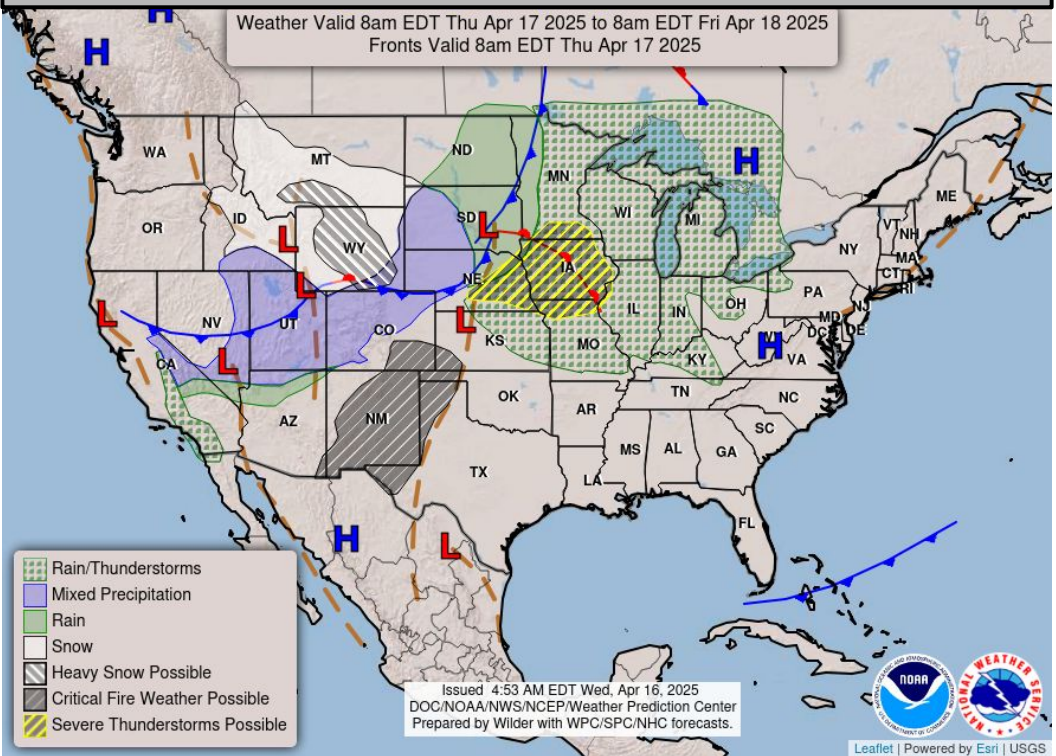




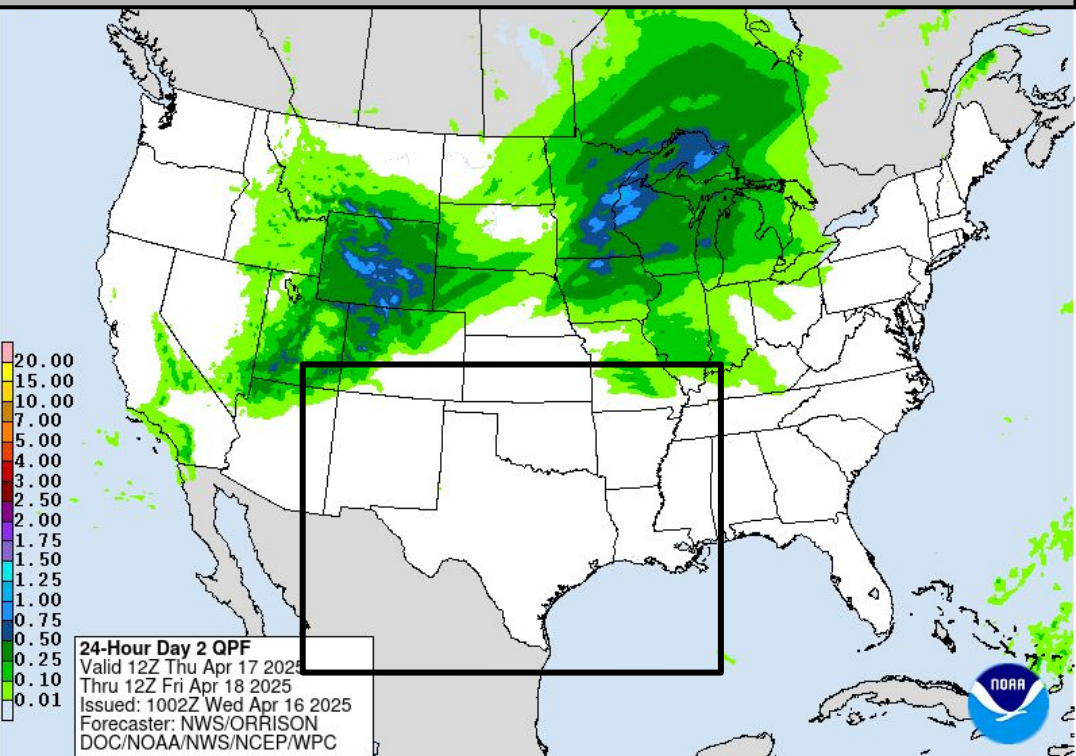


# Tomorrow's Weather

## Forecast Chart

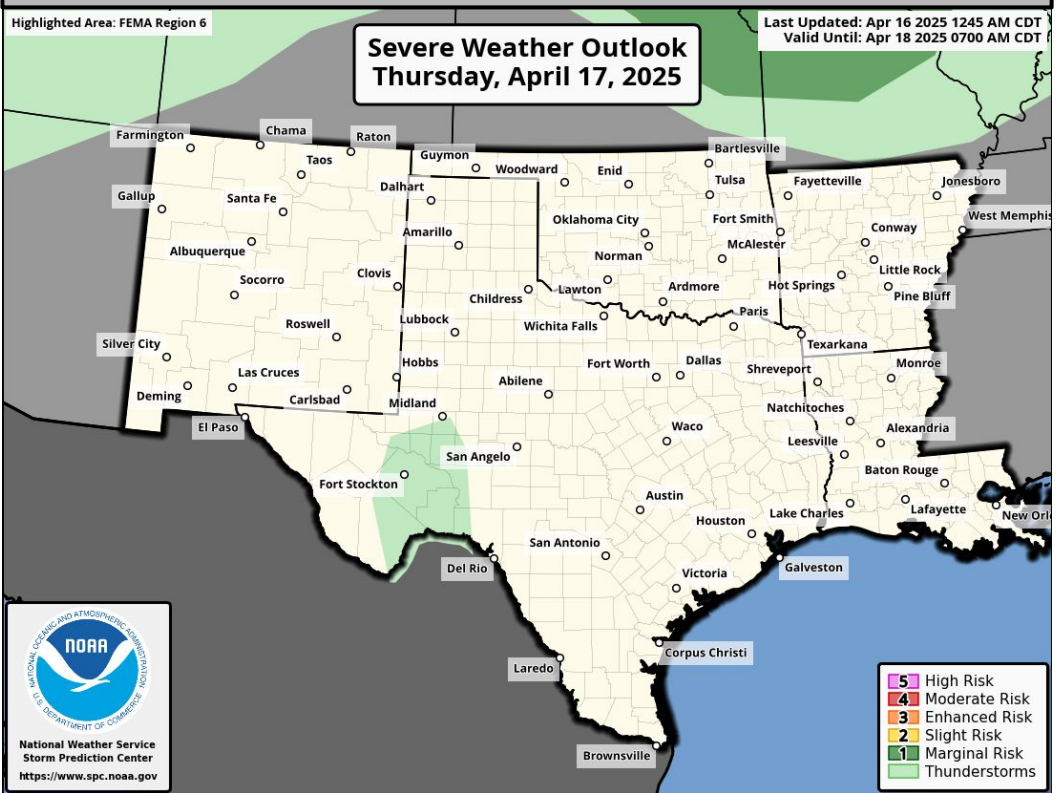


## Forecast Rainfall

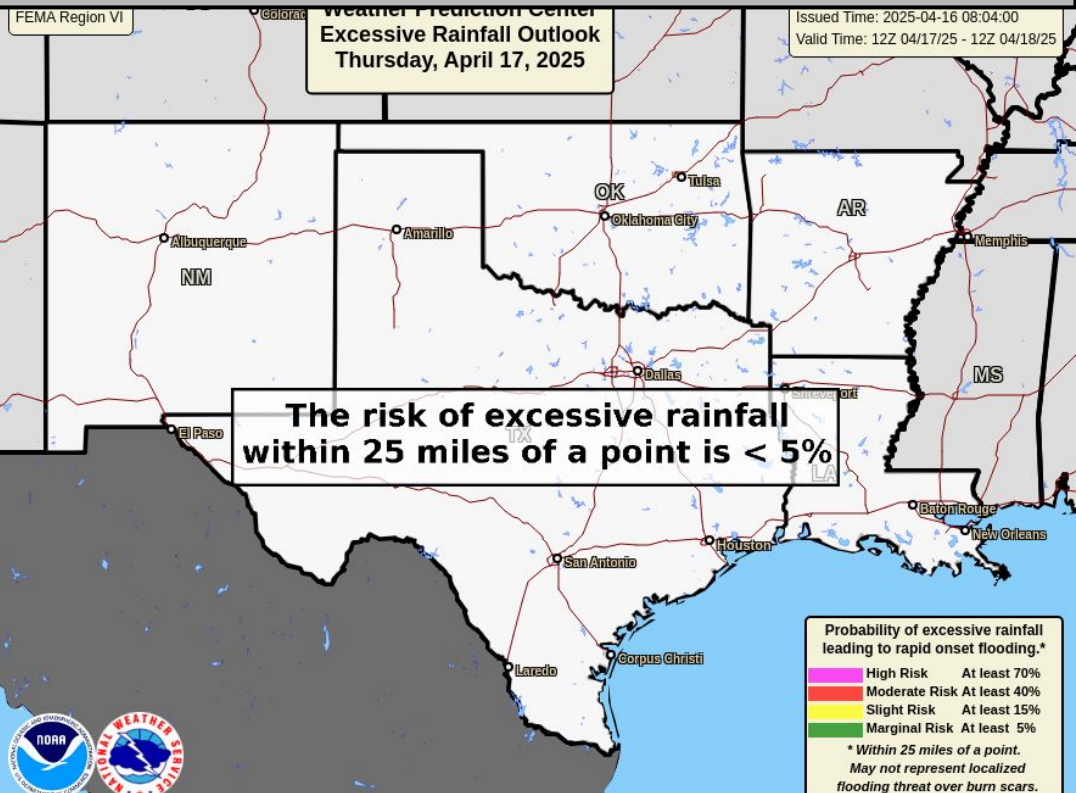


**Critical to extremely critical (levels 2-3 of 3) fire weather concerns in NM, TX/OK Panhandles, W TX, W OK . Highest threat area will be over C/N NM.**

## Severe Weather Outlook



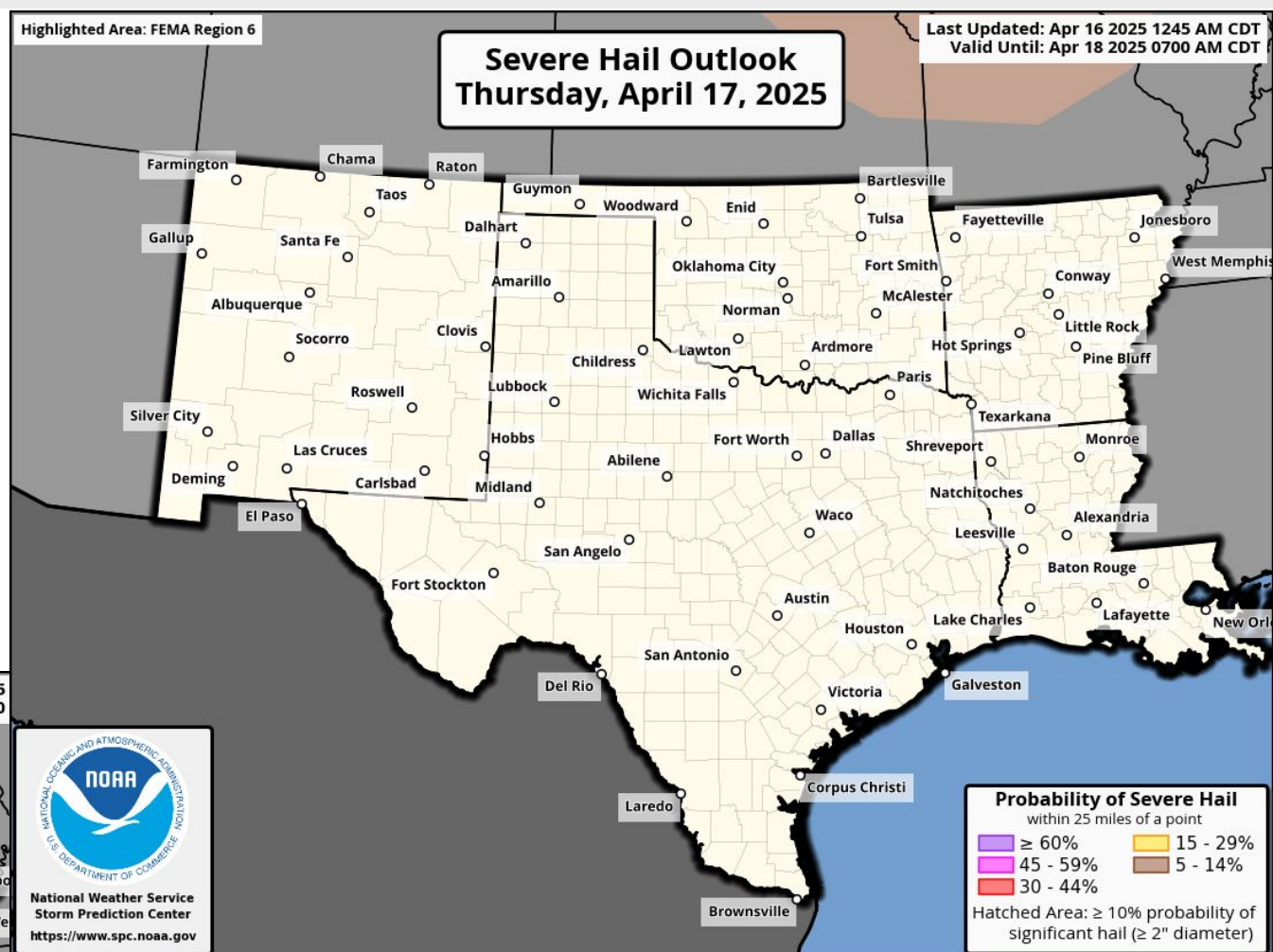
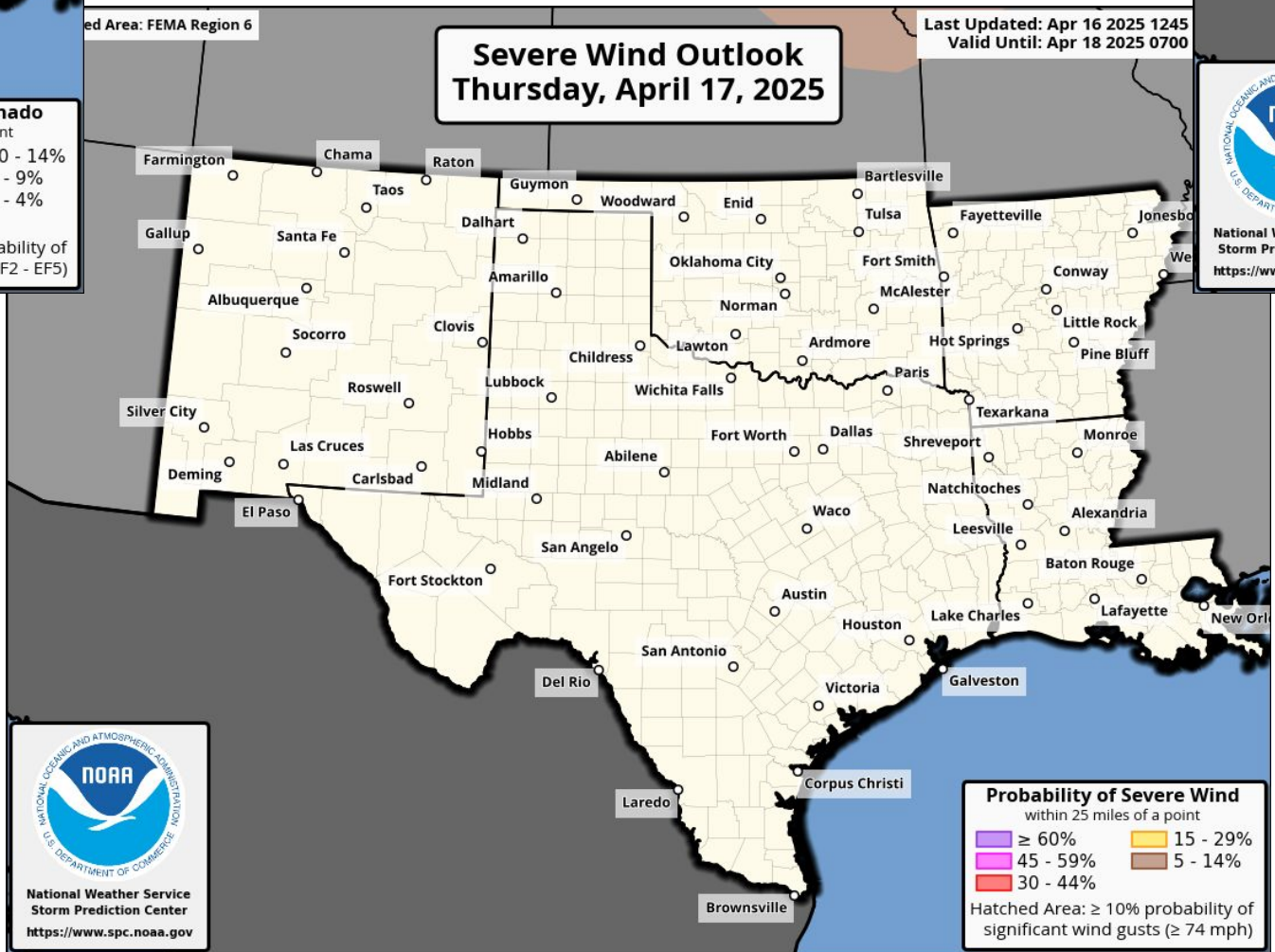
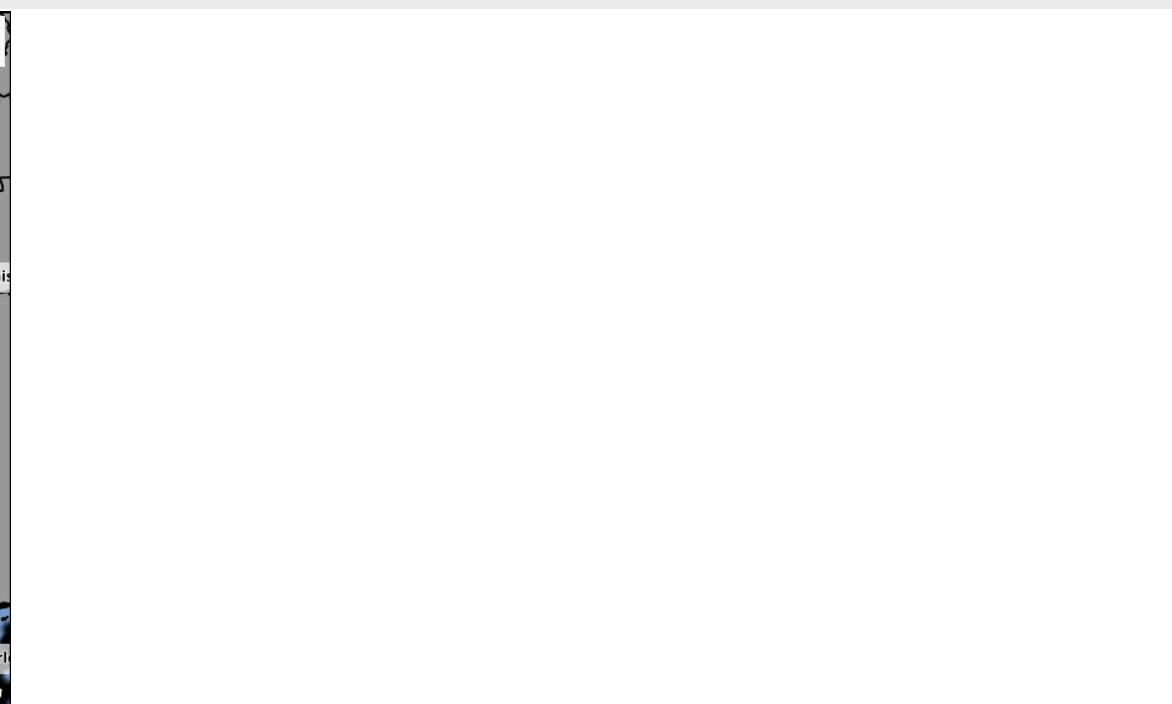
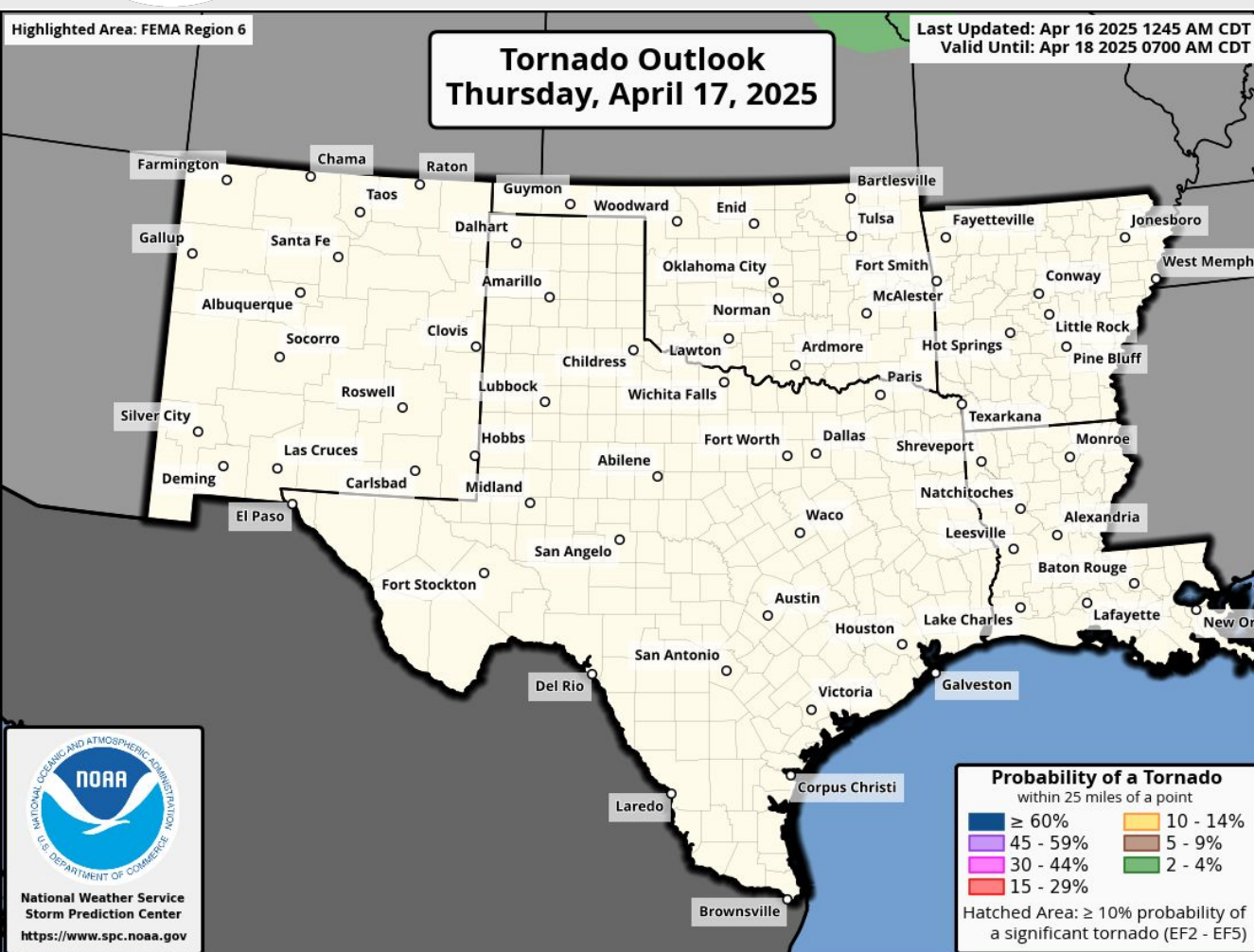
## Excessive Rainfall Outlook







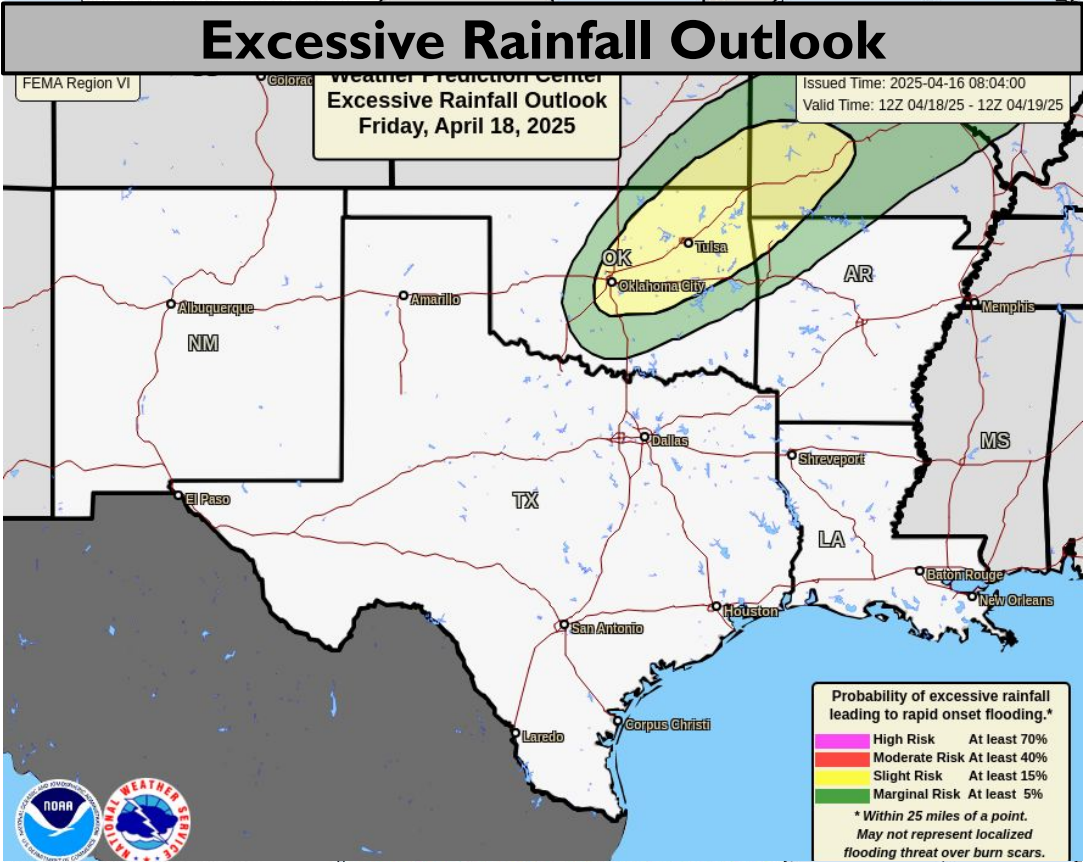
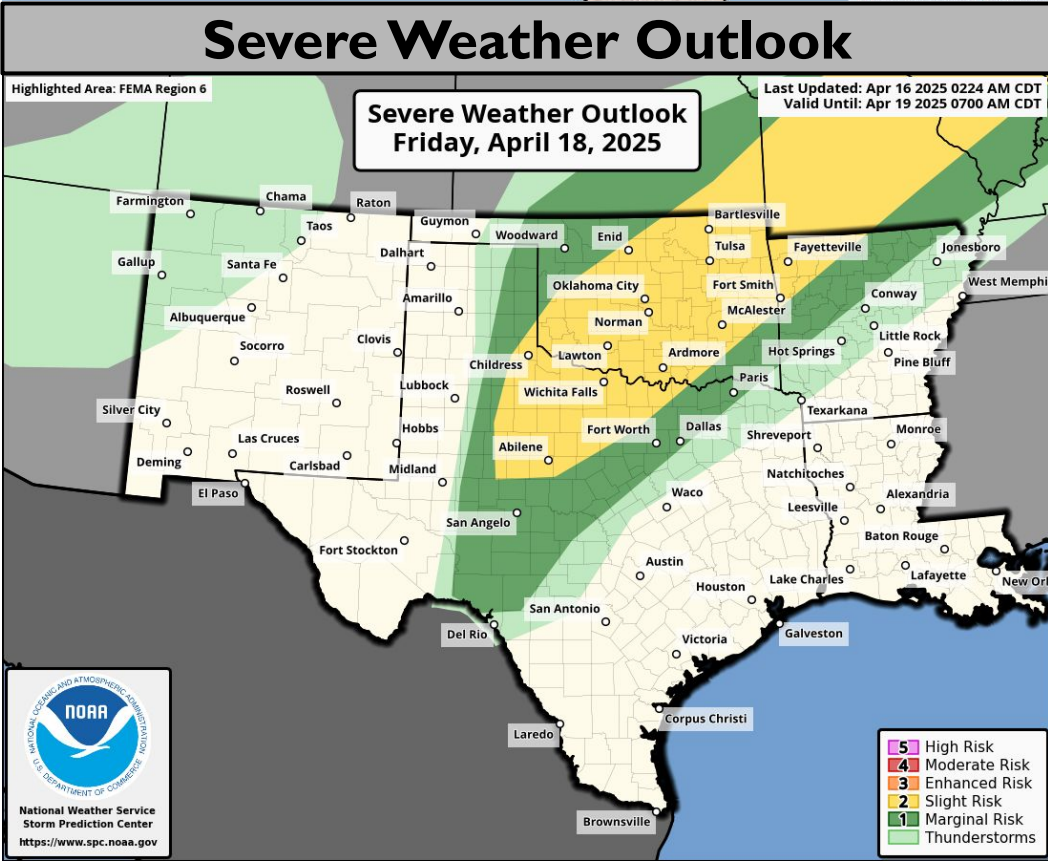
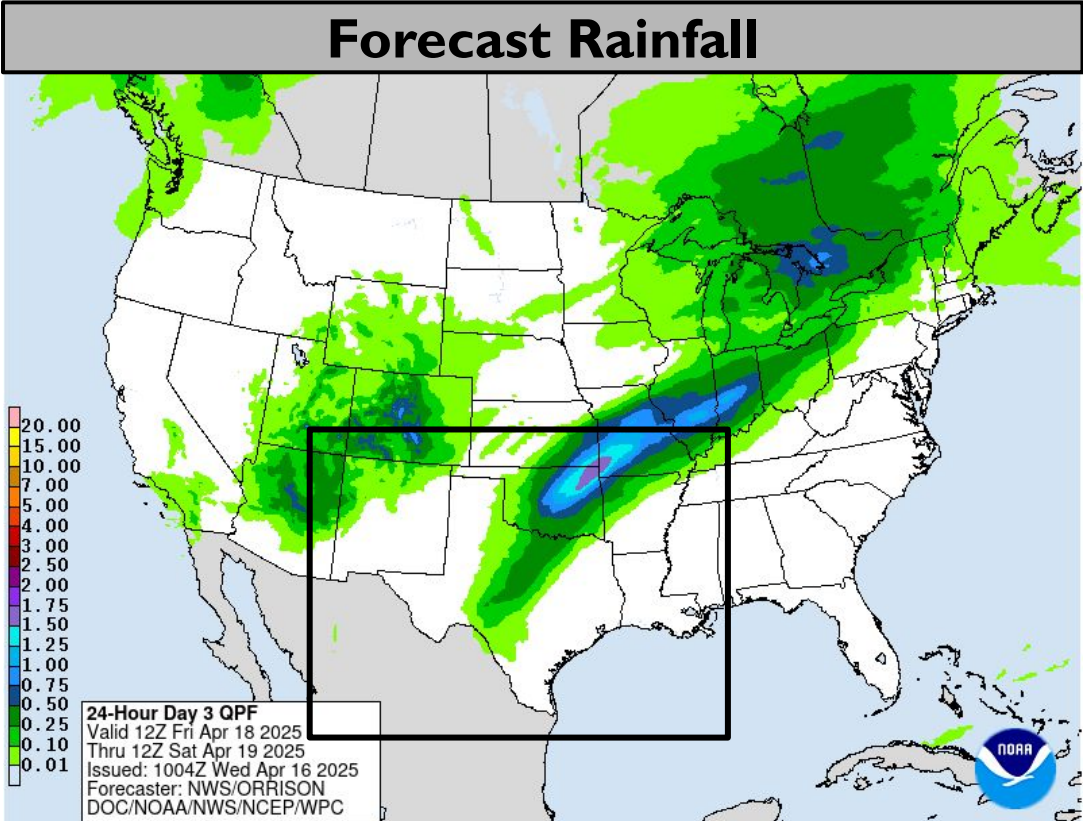
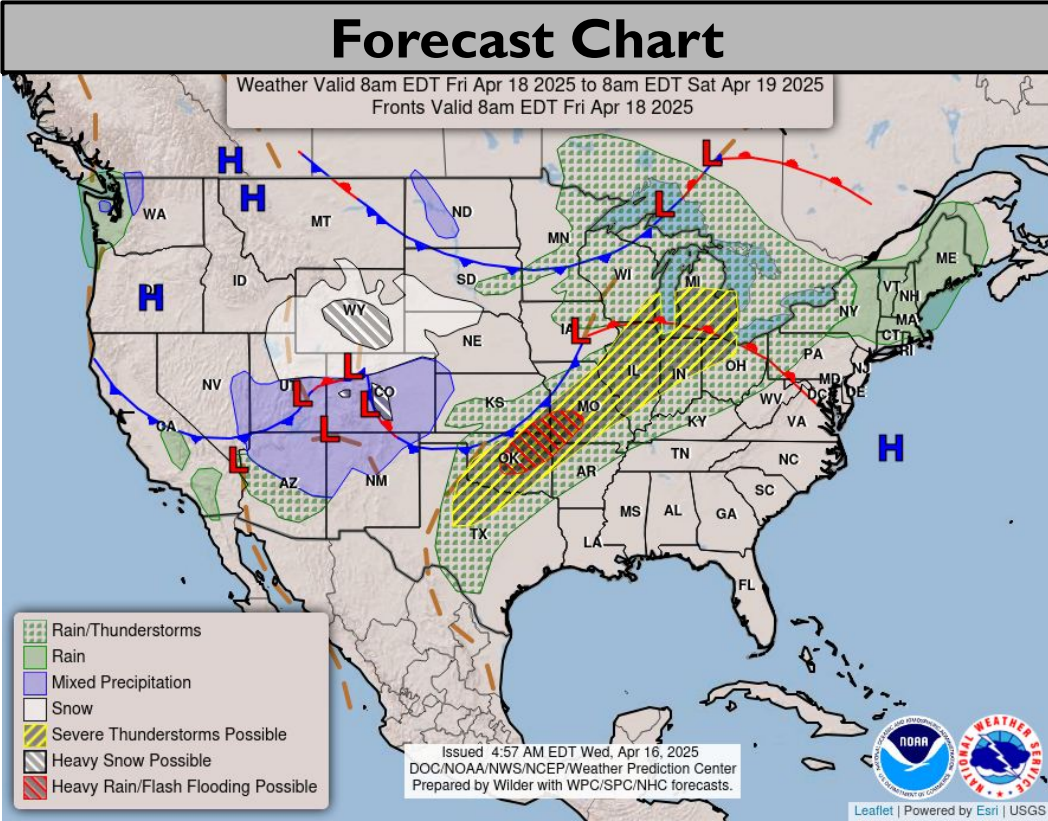
# Tomorrow's Tornado & Severe Wind / Hail Probabilities







# Friday's Weather



**Slight (level 2 of 5) risk of severe storms in N/NW TX, OK, NW AR.**

**Elevated to critical risk (levels 1-2 of 3) of fire weather conditions over NM and W TX.**

**Slight risk (level 1 of 4) for flash flooding over C/NE OK**

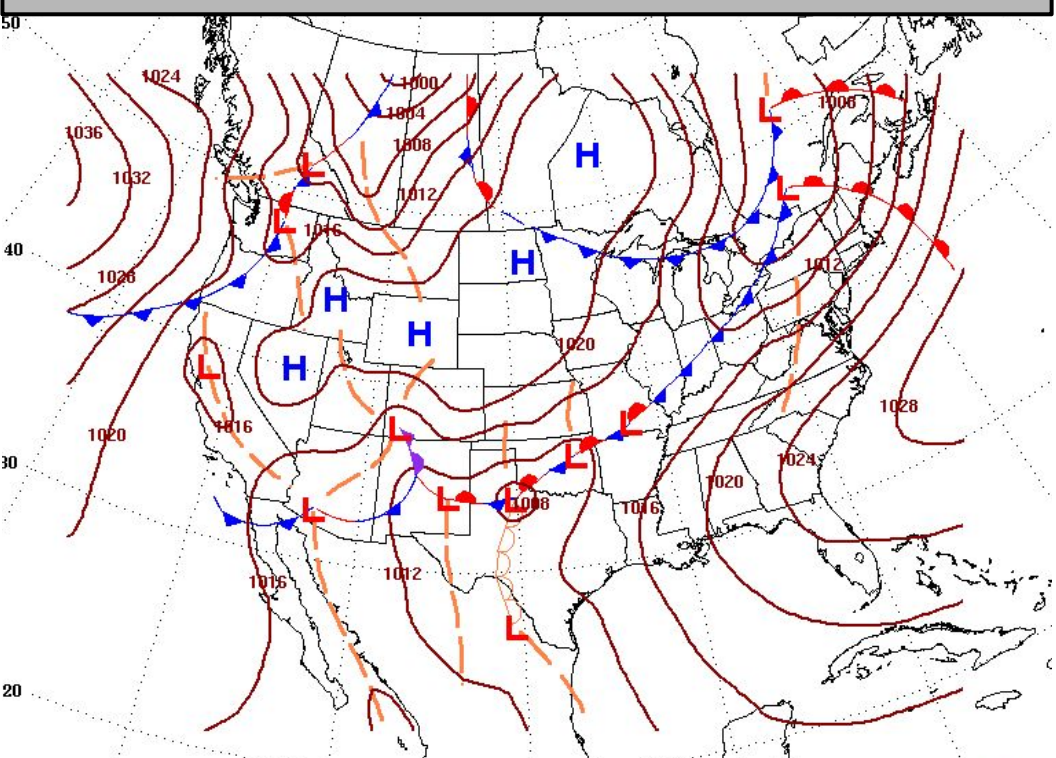




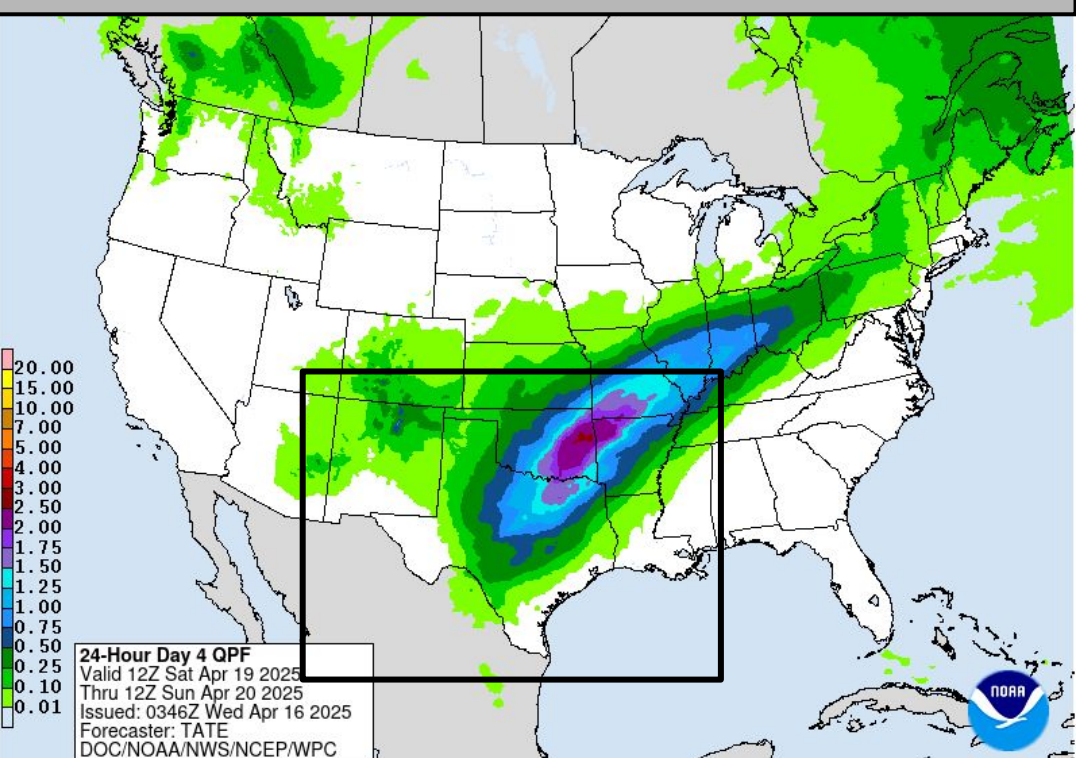


# Saturday's Weather

Forecast Chart



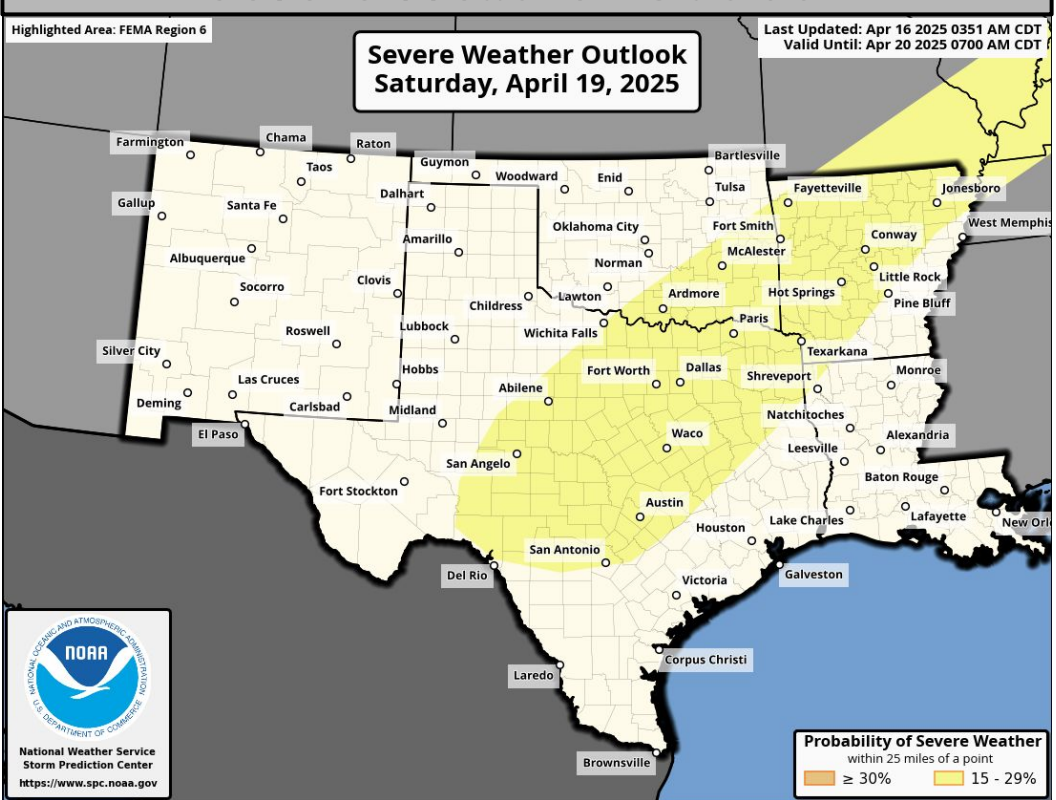
Forecast Rainfall



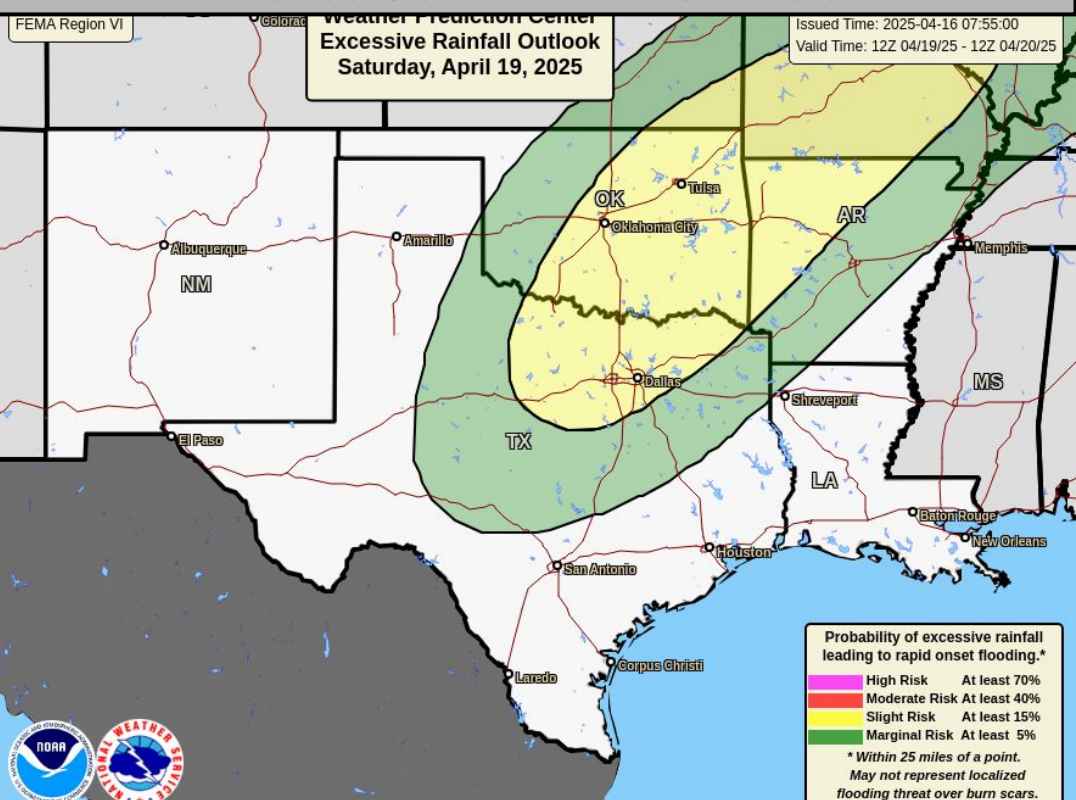
**Slight risk (level 2 of 5) for severe storms over SW- NE TX, SE OK, NW LA and AR**

**Slight risk (level 2 of 5) for flash flooding over OK, N/NW TX, and NW AR**

Severe Weather Outlook



Excessive Rainfall Outlook

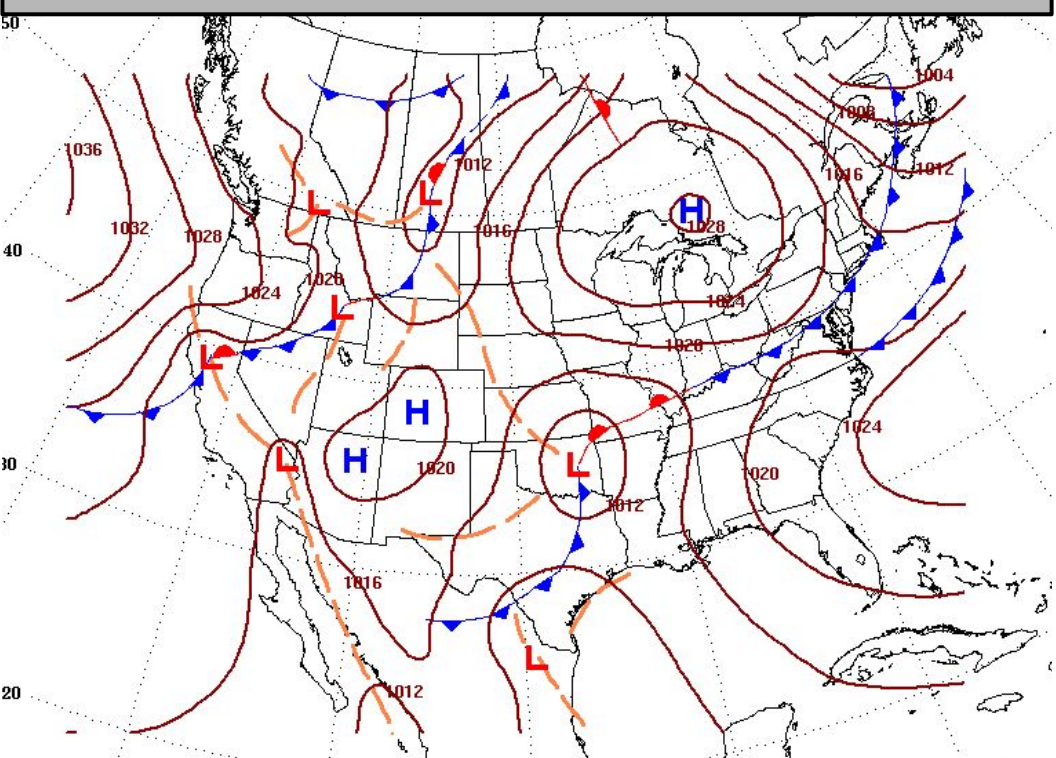




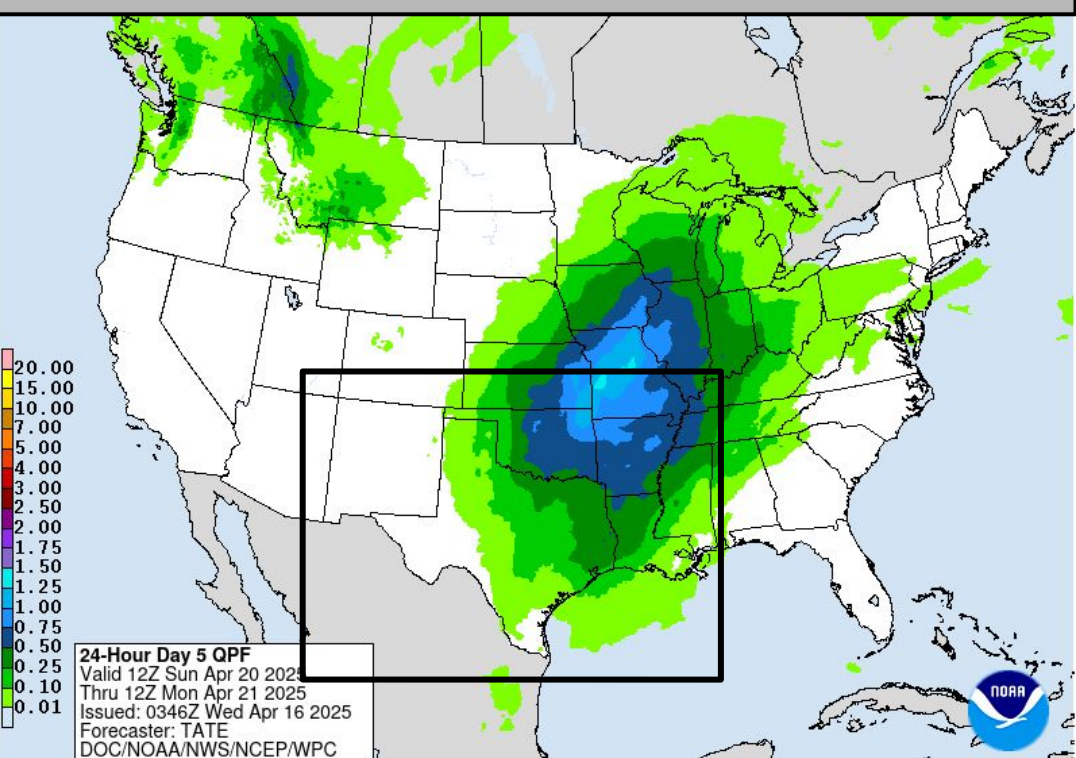


# Sunday's Weather

Forecast Chart

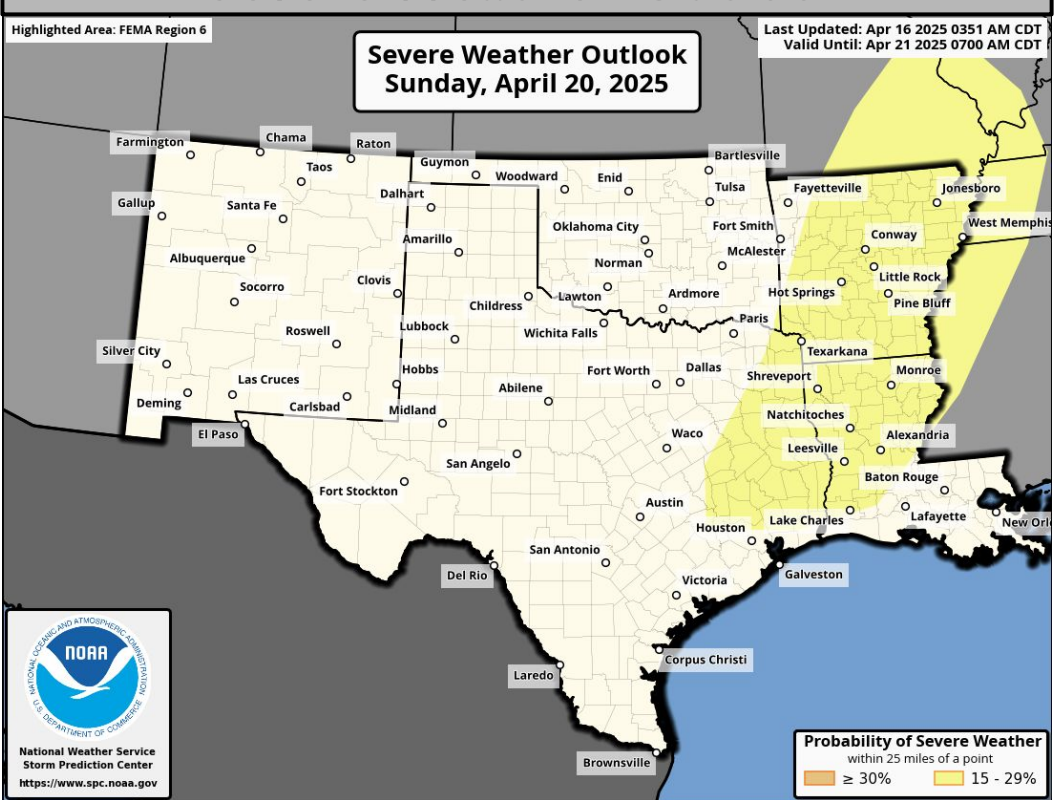


Forecast Rainfall

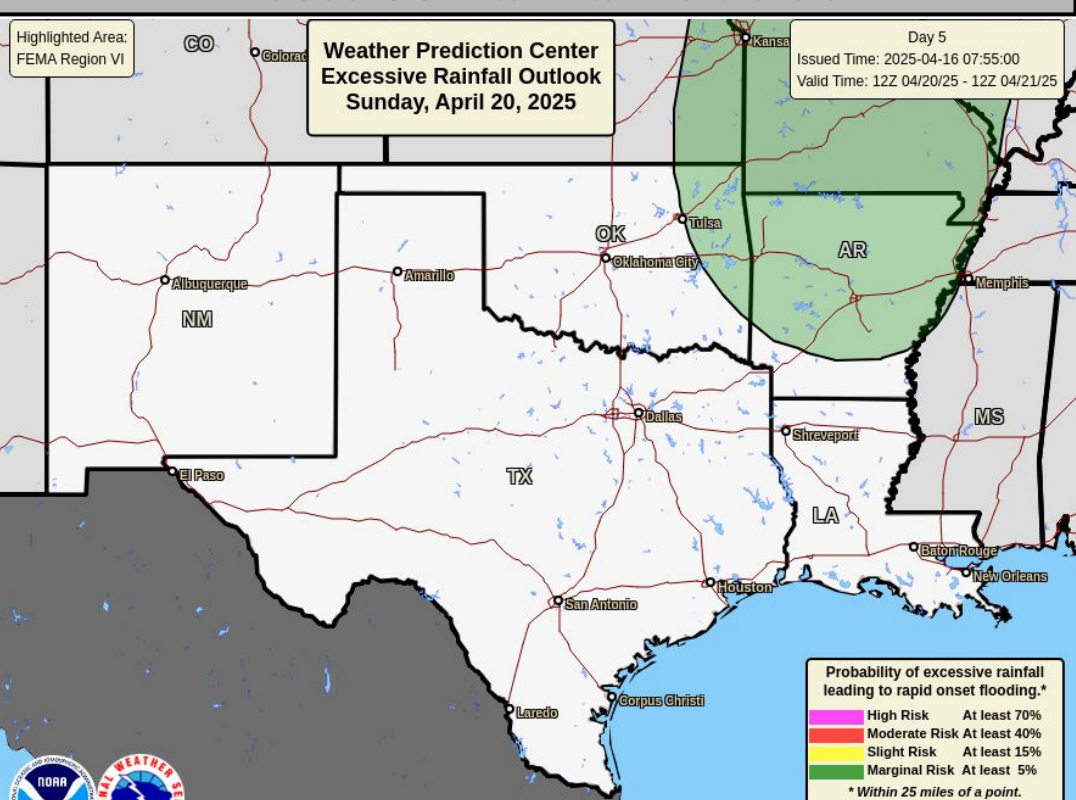


**Slight risk (level 2 of 5) for severe storms over ETX, LA and AR.**

Severe Weather Outlook



Excessive Rainfall Outlook

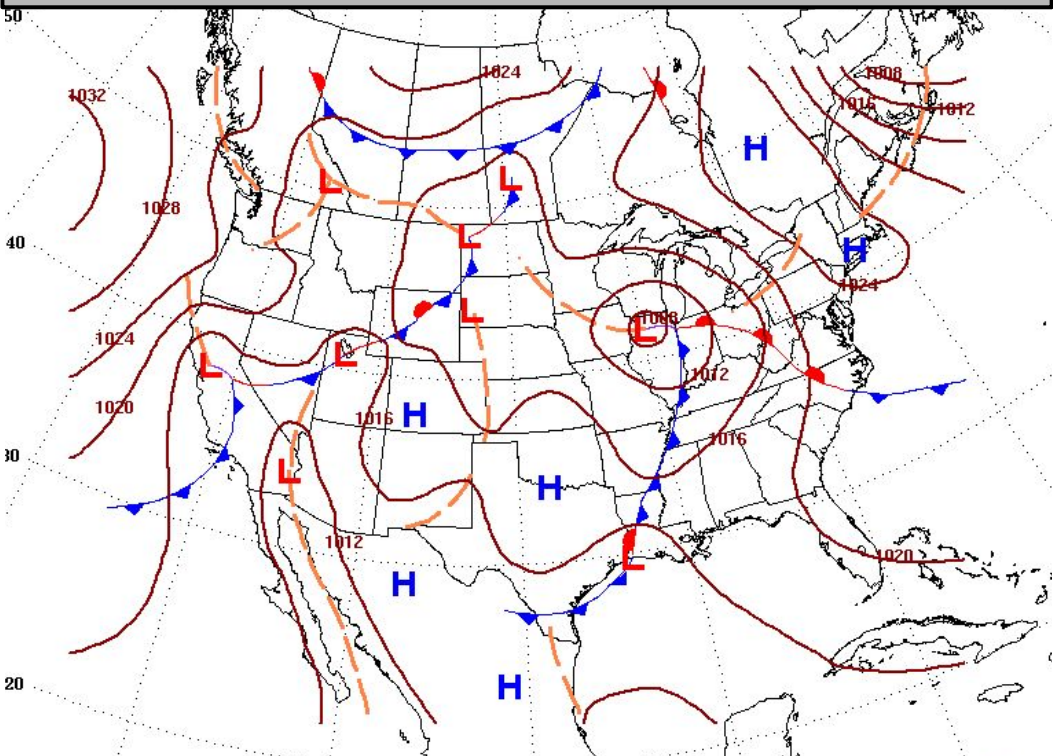




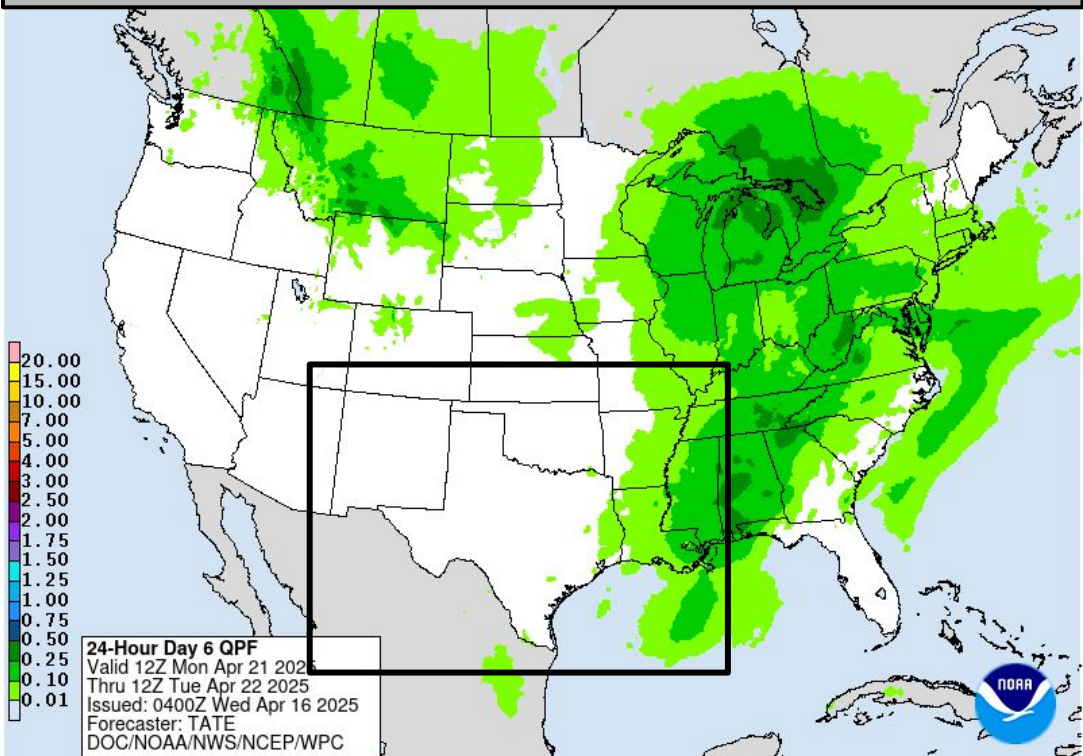


# Monday's Weather

Forecast Chart

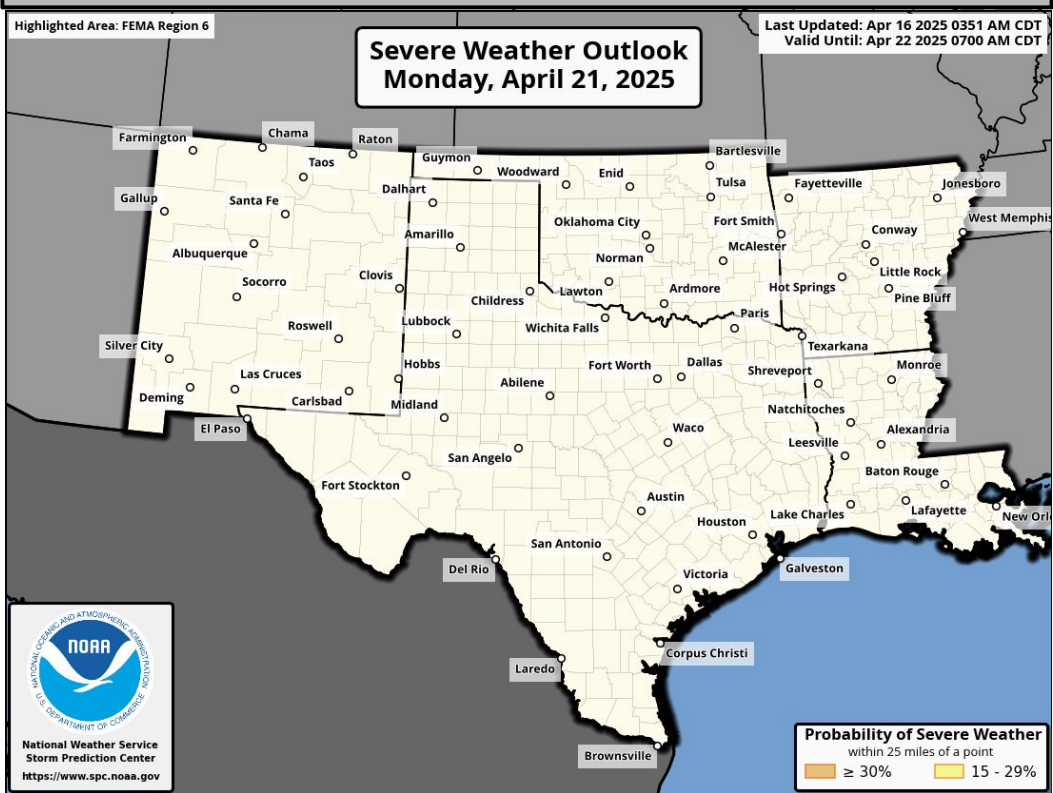


Forecast Rainfall



No significant weather expected.

Severe Weather Outlook



Excessive Rainfall Outlooks  
not available beyond Day 5

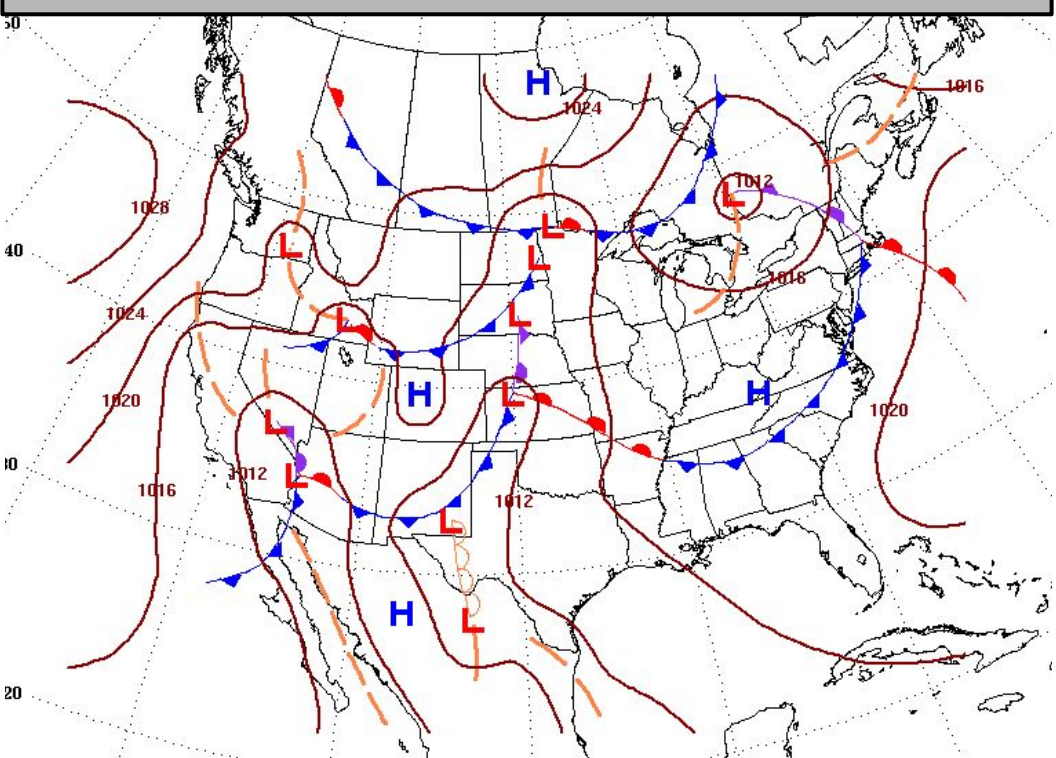




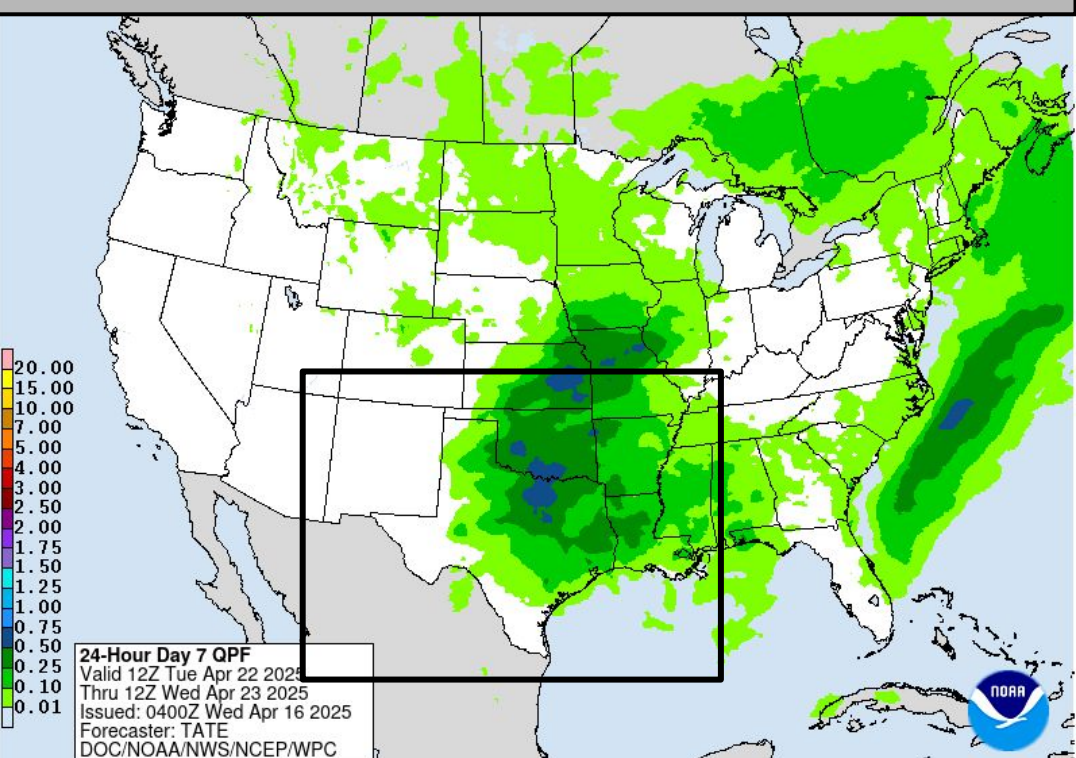


# Tuesday's Weather

Forecast Chart

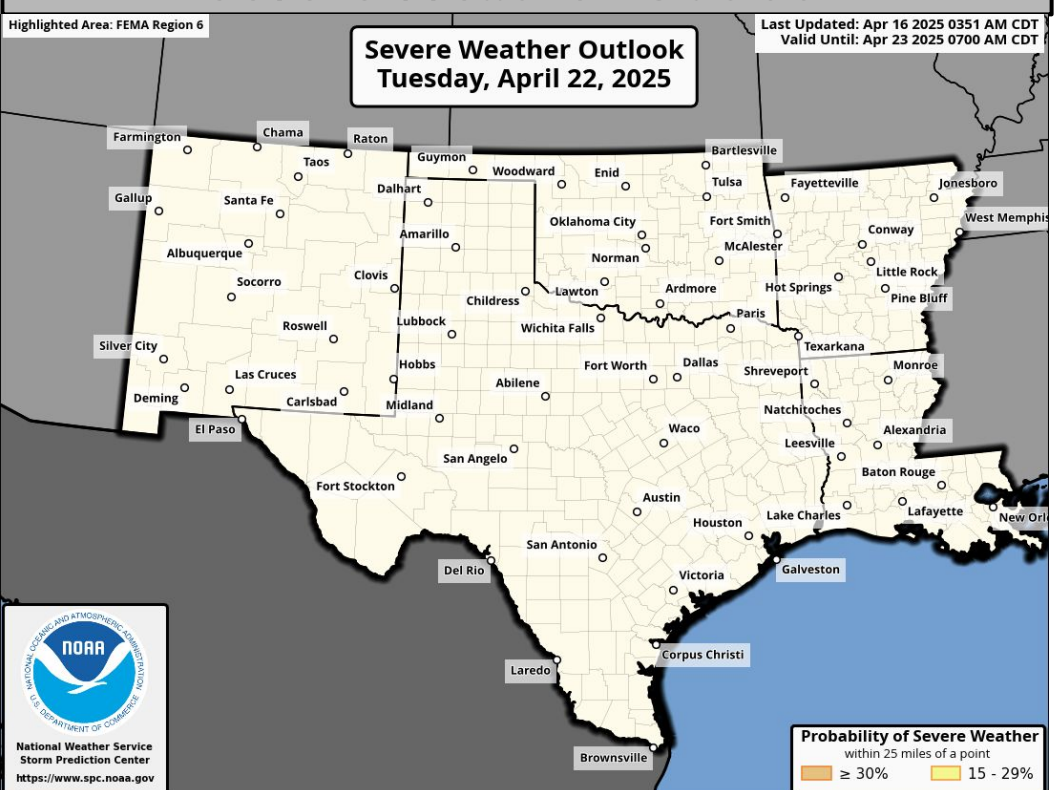


Forecast Rainfall



No significant weather expected.

Severe Weather Outlook



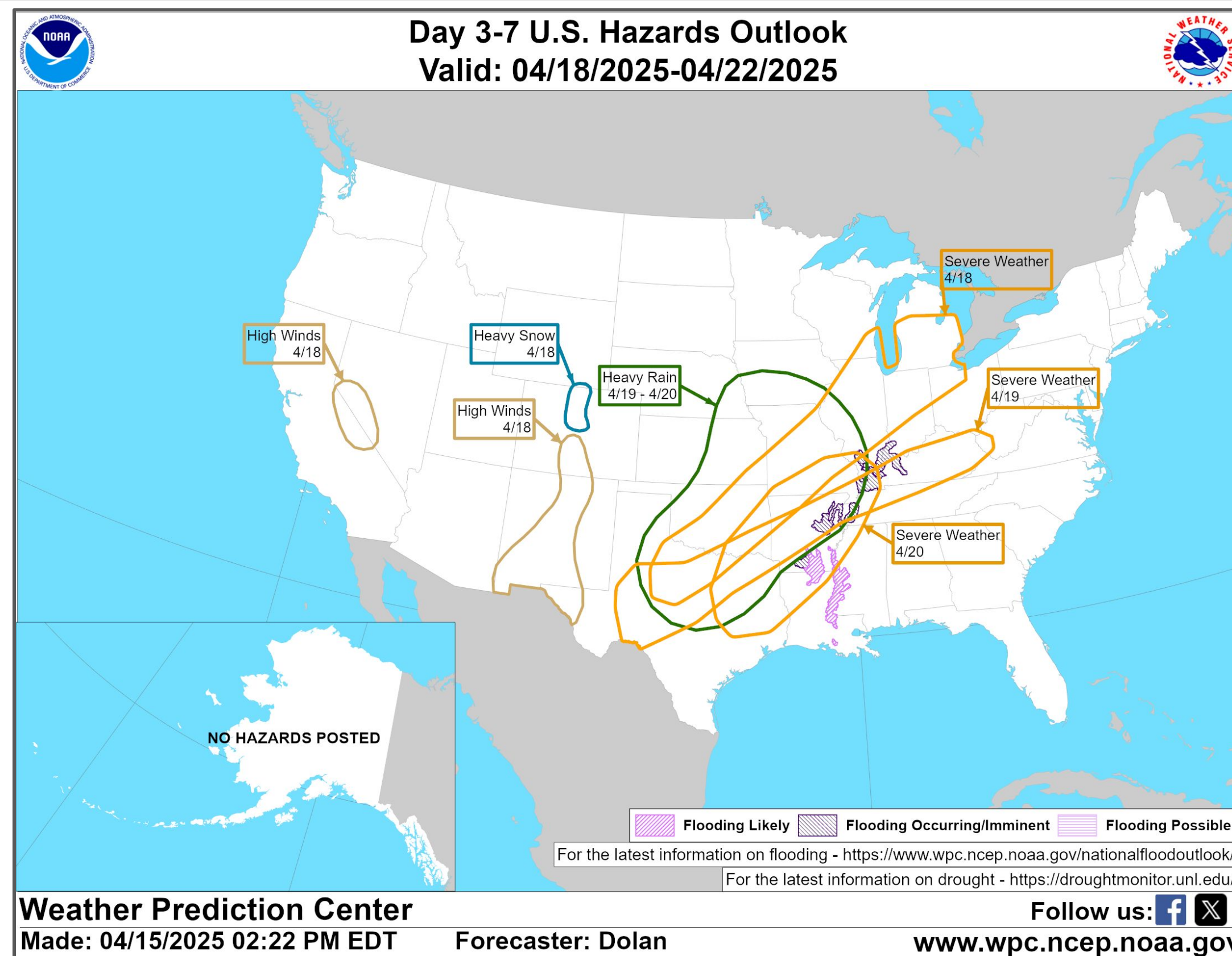
Excessive Rainfall Outlooks not available beyond Day 5







# “Day 3-7” Hazards Outlook



**NOTE:** These outlooks are issued in the afternoon and only issued on weekdays. Because of that and the fact that these slides are issued in the mornings:

1. The “day 3-7” will really be days 2-6
2. This slide will be hidden on Mondays and Sundays so the data/information is not too old

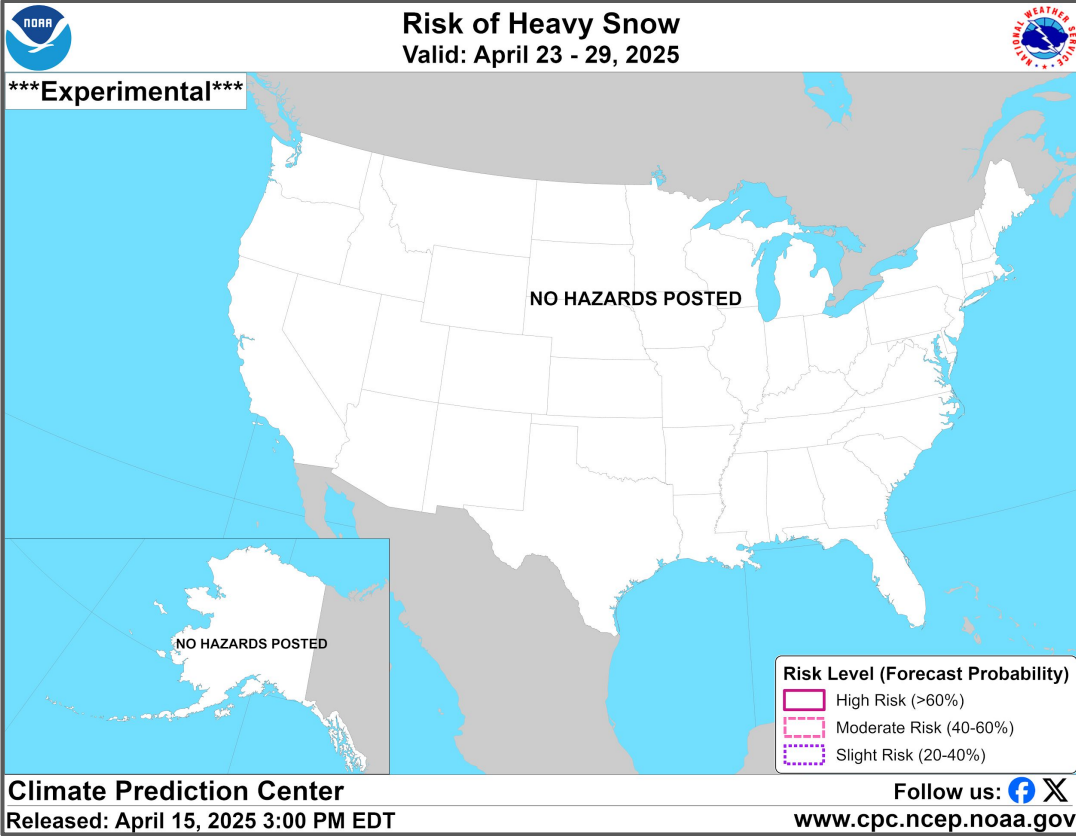
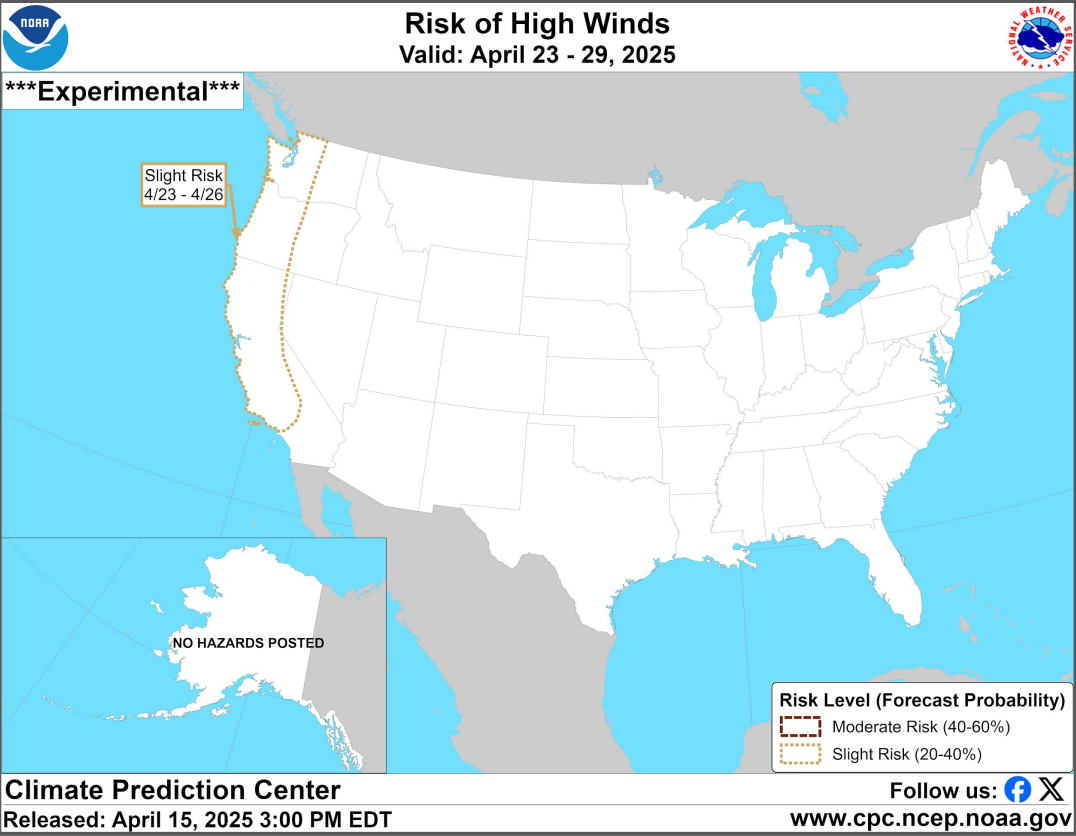
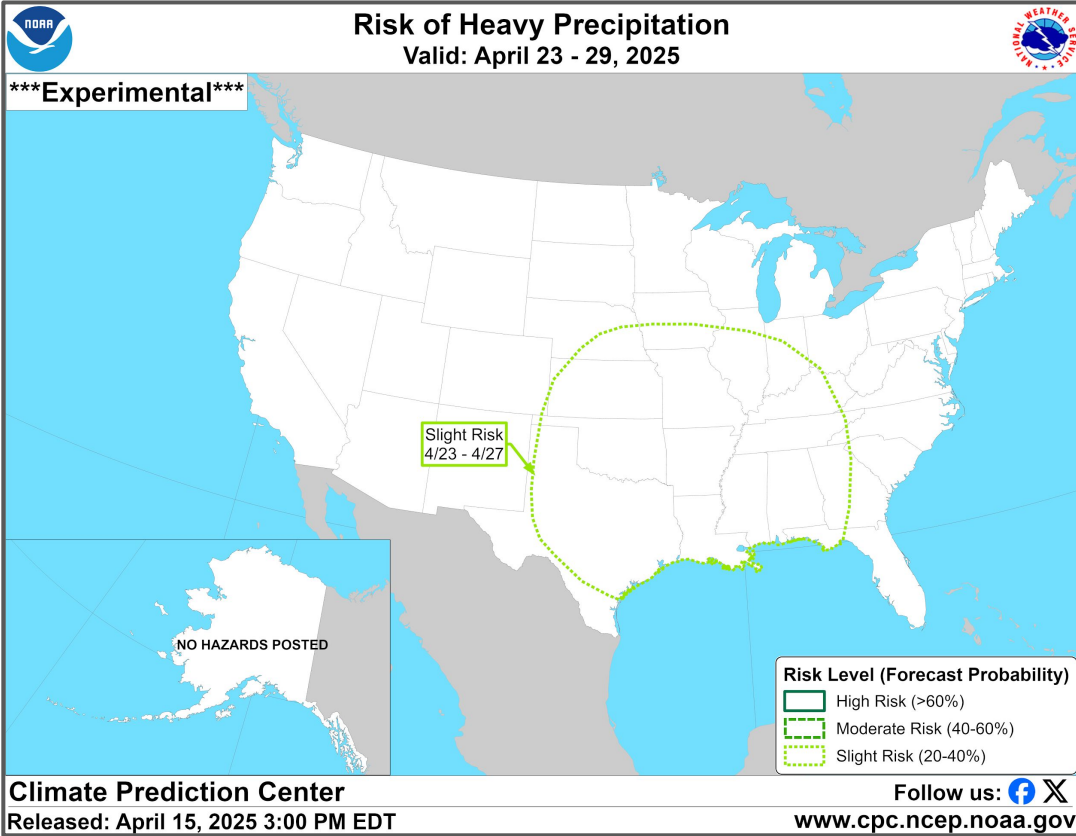
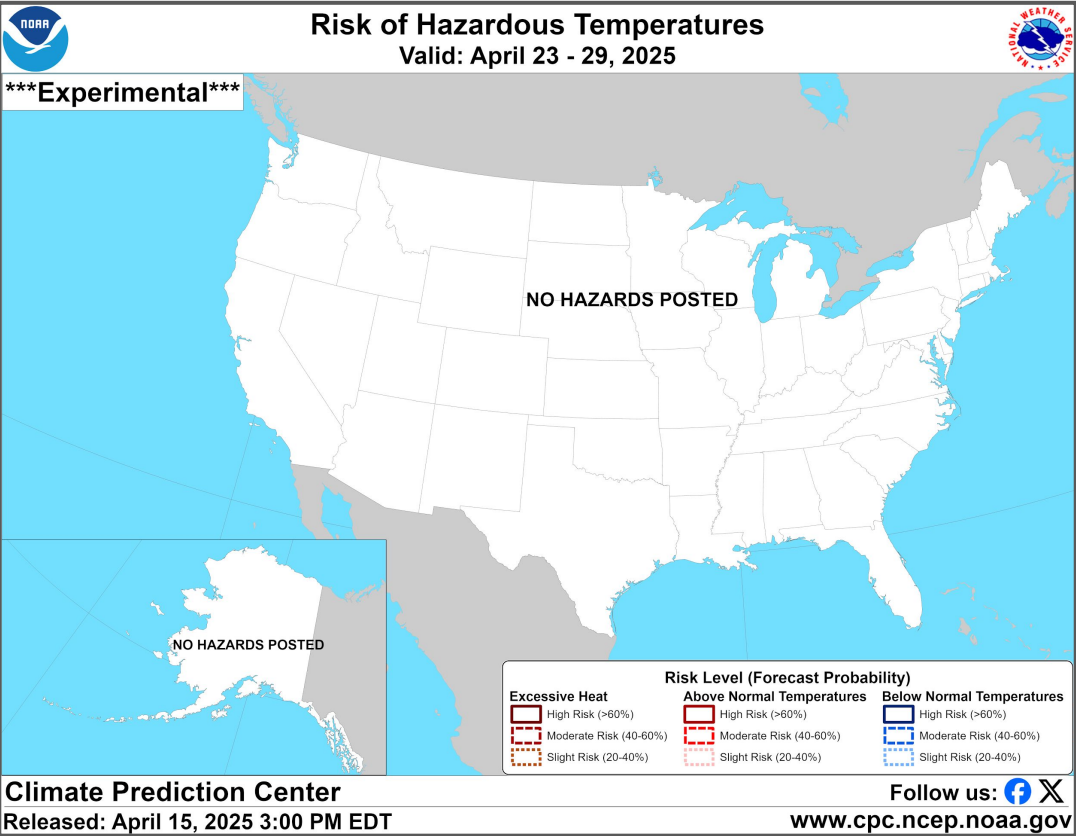
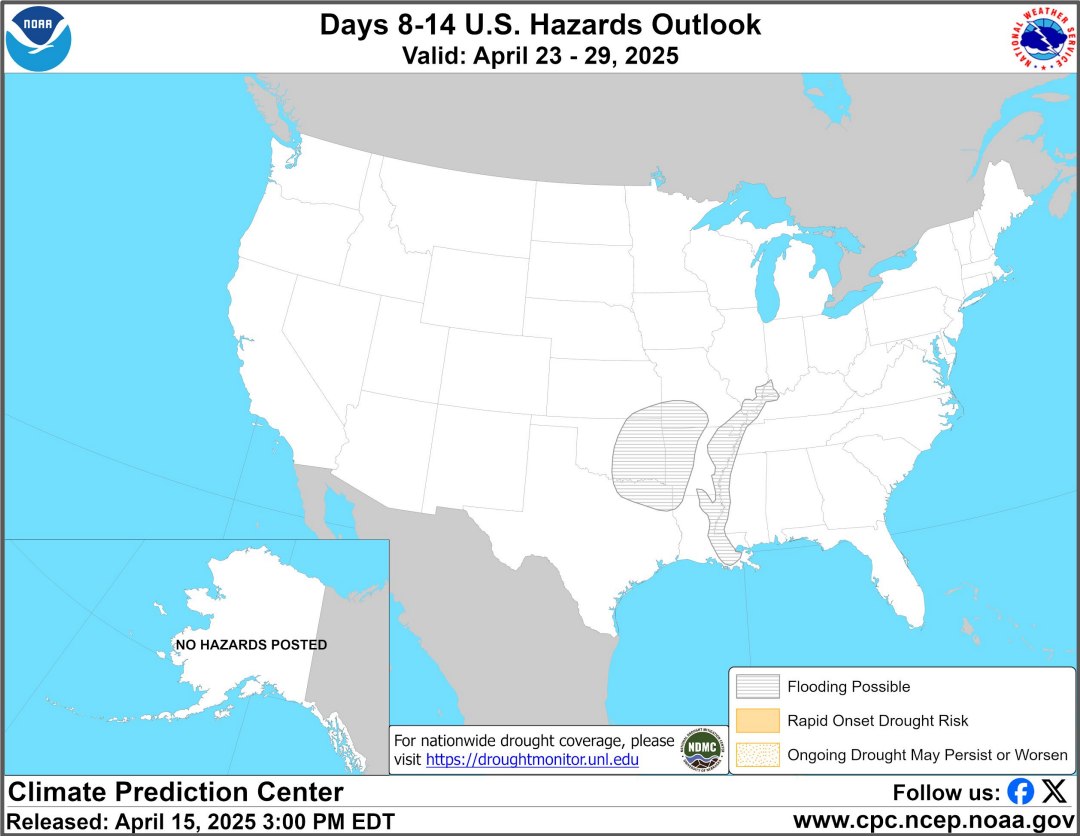
For additional information on this outlook go to <https://www.wpc.ncep.noaa.gov/threats/threats.php>







# “Day 8-14” Hazards Outlook



**NOTE:** These outlooks are issued in the afternoon and only issued on weekdays. Because of that and the fact that these slides are issued in the mornings:

- 1. The “day 8-14” will really be days 7-13
- 2. This slide will be hidden on Mondays and Sundays so the data/information is not too old

For additional information on this outlook go to <https://www.cpc.ncep.noaa.gov/products/predictions/threats/threats.php>

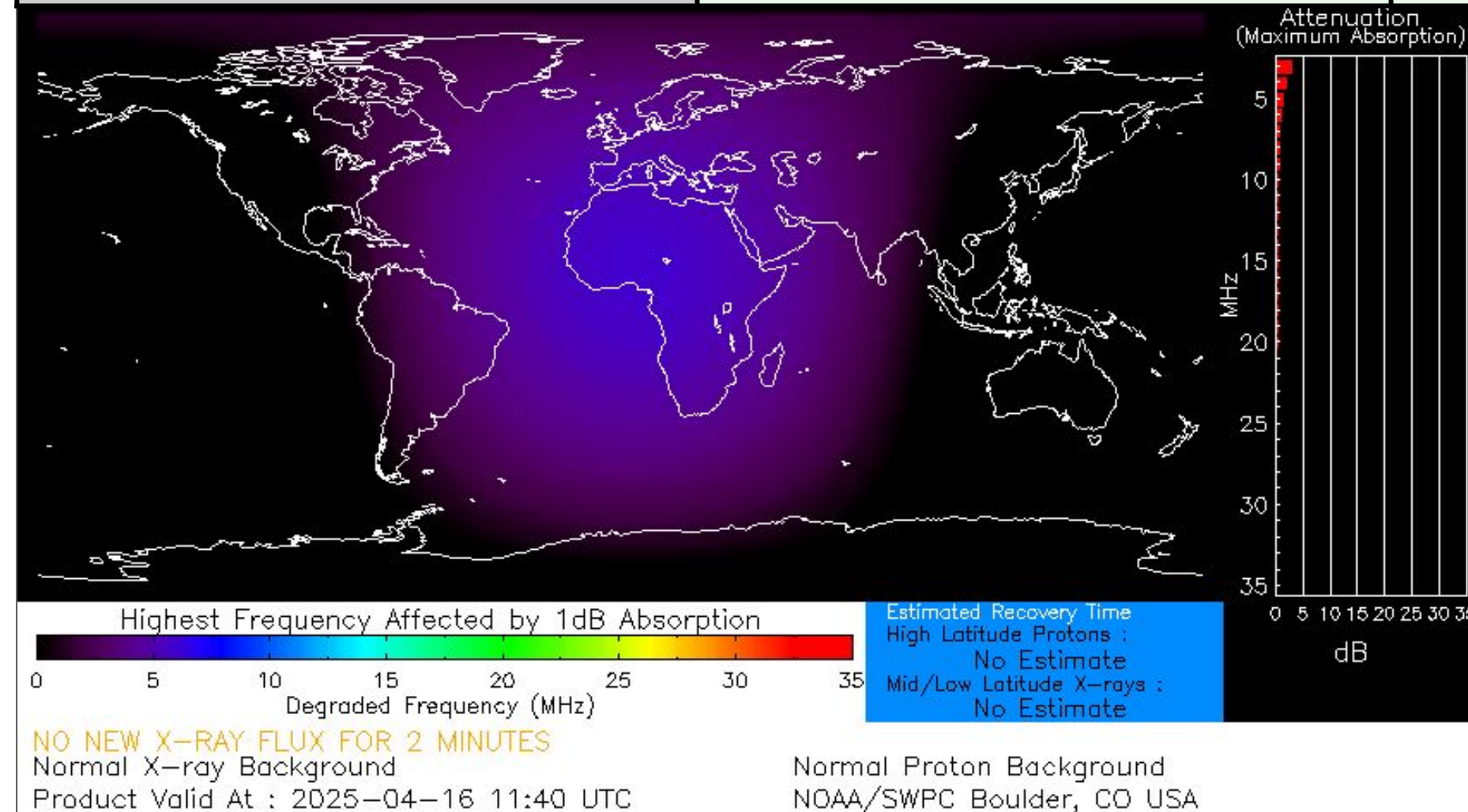






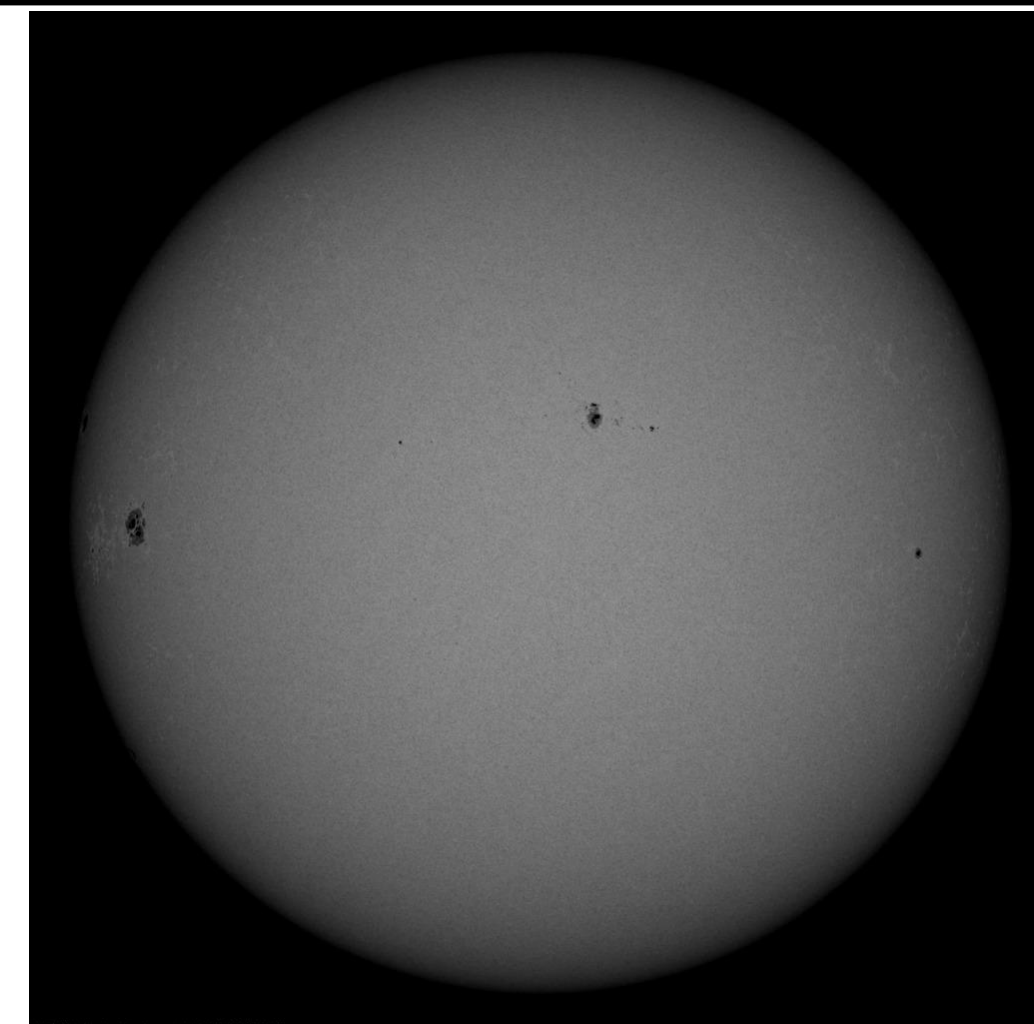
# Space Weather 3-Day Forecast

	Wednesday, Apr 16	Thursday, Apr 17	Friday, Apr 18
Geomagnetic Storms	Minor Storm (G1) (Max Kp = 5)	Active (Max Kp = 4)	Active (Max Kp = 4)
Solar Radiation Storm (S1-S5)	10%	10%	5%
Radio Blackout (R1-R2)	80%	75%	60%
Radio Blackout (R3-R5)	15%	10%	10%



[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	<b>Little to None</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	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"> <li>Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees</li> <li>Something that happens almost every day in a particular season such as seabreeze storms in coastal TX</li> </ul>
Yellow	<b>Minor</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	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"> <li>2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible</li> <li>Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail</li> </ul>
Orange	<b>Moderate</b> Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	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"> <li>A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely</li> <li>Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail</li> <li>Some large fires reported, burn bans advertised, critical conditions expected</li> </ul>
Red	<b>Major</b> Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	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"> <li>A Category 1 hurricane will be moving towards the NW Gulf in the next few days</li> <li>Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail</li> <li>Large fires ongoing throughout the area with critical fire weather conditions expected to continue</li> </ul>
Purple	<b>Extreme</b> 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	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"> <li>A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow</li> <li>Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms</li> </ul>

**Criteria for the color codes in this briefing is to the left, please provide any feedback to**  
[sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)





# National Weather Service

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