



FEMA



Prepared by
Melissa Beat

FEMA Region 6 Weather Threat Briefing

Monday, April 15, 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

- **Today: Slight risk for severe thunderstorms for OK, NW/N-Ctrl/W-Ctrl TX and critical fire weather/windy conditions for NM, TX/OK Panhandles, W TX.**
- **Tomorrow: Slight risk for severe thunderstorms for E OK and AR, and elevated fire weather conditions for W/SW TX, TX Panhandle, far W OK Panhandle, and E NM.**
- **Wednesday: Marginal risk for severe thunderstorms for NE AR.**
- **Thursday: Slight risk for severe thunderstorms for E OK, W AR, N-Ctrl TX.**
- **Isolated moderate/major river flooding in E/SE TX, W LA.**





FEMA Region 6 Threat Matrix

Next 5 Days

	Monday, Apr 15	Tuesday, Apr 16	Wednesday, Apr 17	Thursday, Apr 18	Friday, Apr 19
Severe Storms	OK, N-Ctrl/W-Ctrl TX	E OK, AR	NE AR	E OK, W AR, N-Ctrl TX	
Heavy Rain / Flash Flooding	OK, NW TX	AR, NE TX, NW LA			
Fire Weather	E NM, TX/OK Panhandles W TX	E NM, W OK Panhandle, W/SW TX, TX Panhandle			
Windy	NM, Far W TX				
Heat					
River Flooding	E/SE TX, W LA	E/SE TX, W LA	E/SE TX, W LA	E/SE TX, W LA	E/SE TX, W LA

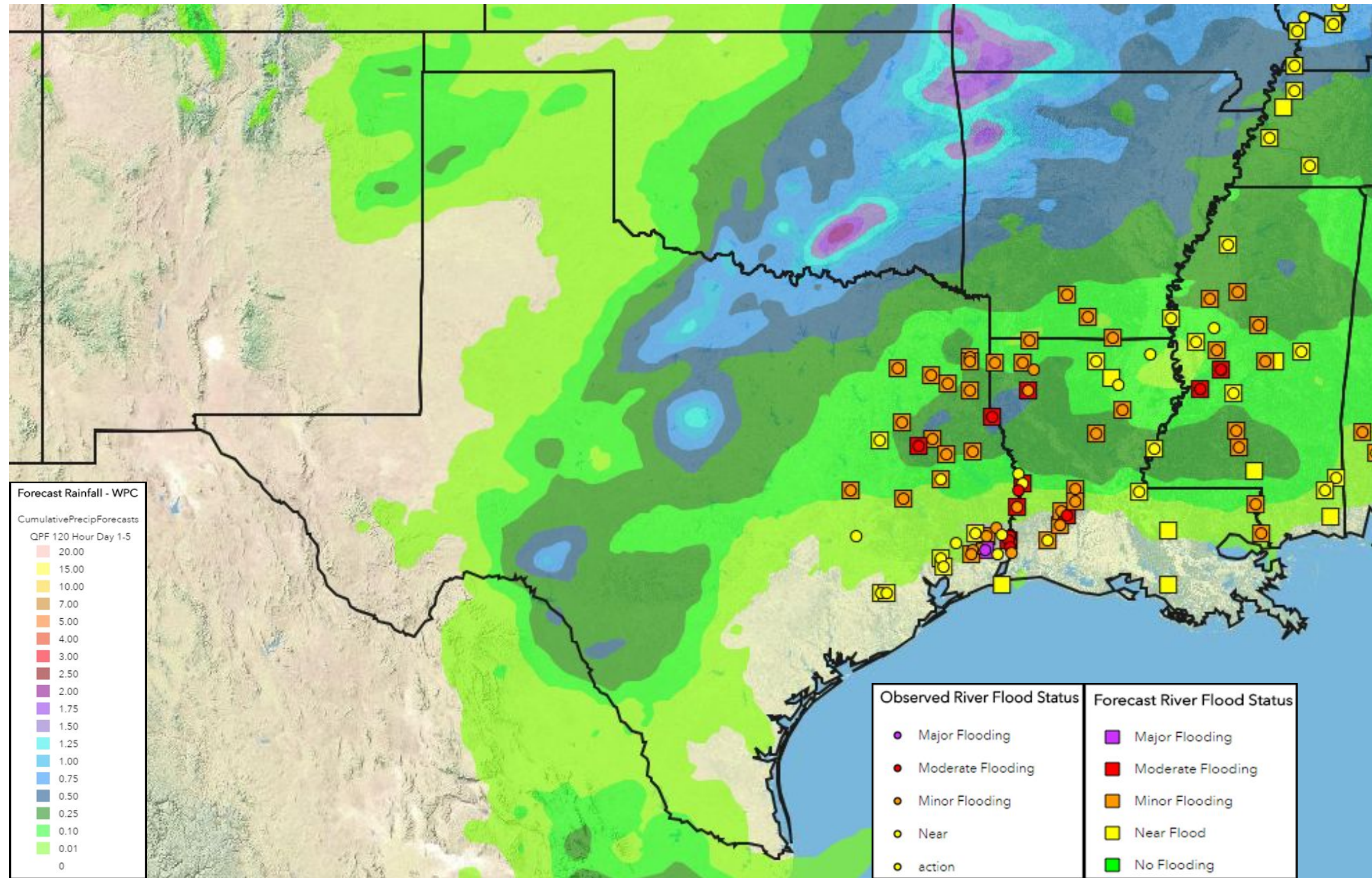
**Threat levels are based on FEMA Region 6 criteria.
State or local threat level criteria may differ.*
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

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/major river flooding in E/SE TX, LA.

Impacts to secondary roads, agricultural, recreational areas.

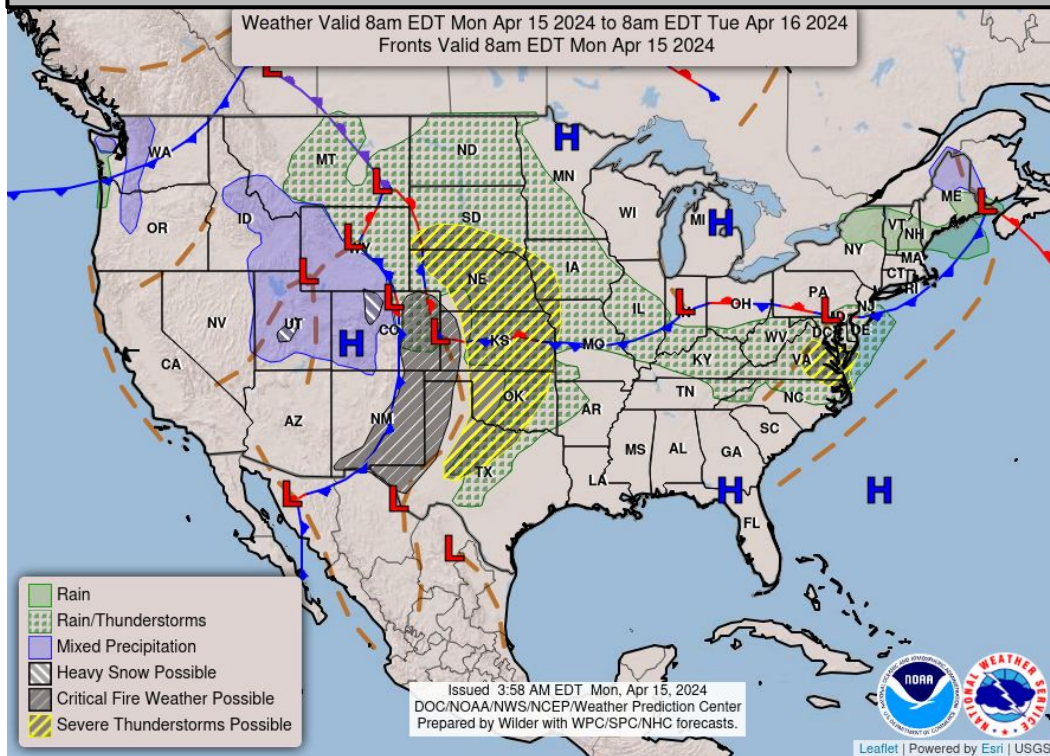
Moderate/major flooding in E/SE TX and W LA is impacting several homes.



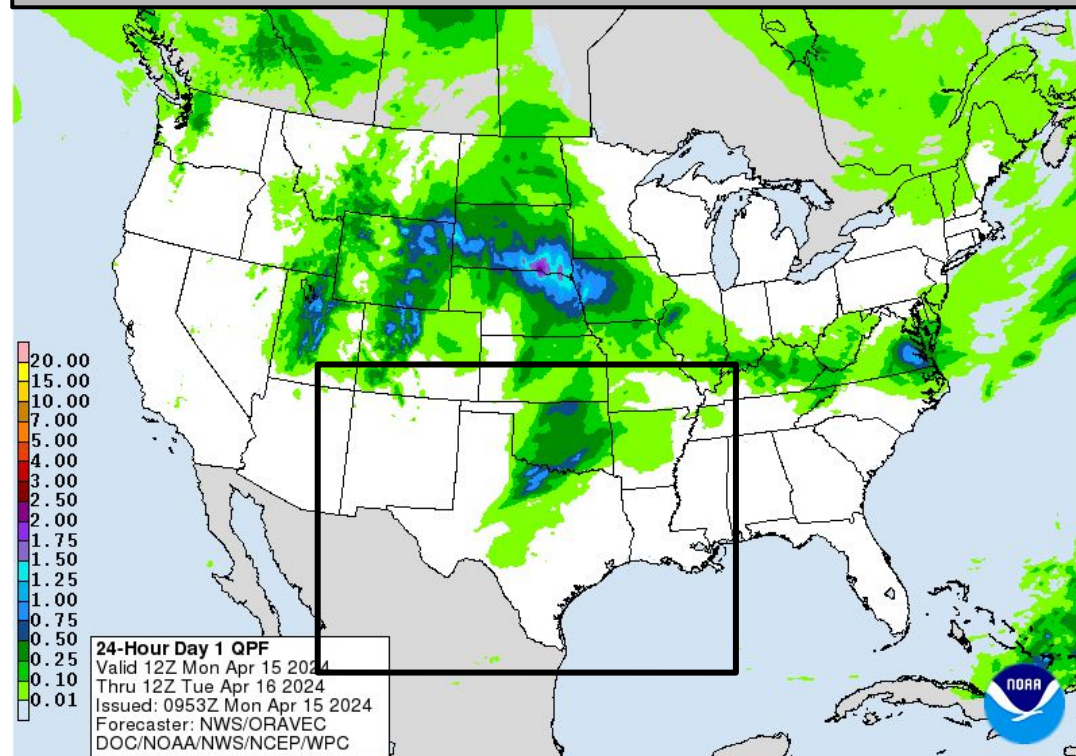


Today's Weather

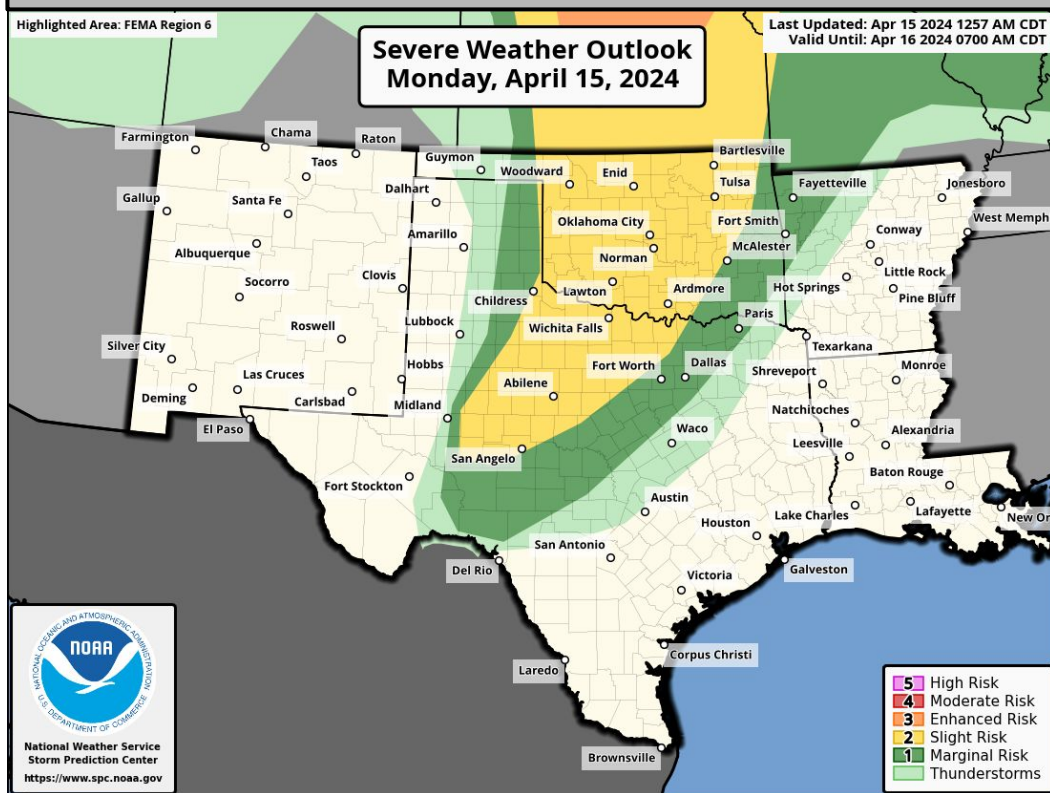
Forecast Chart



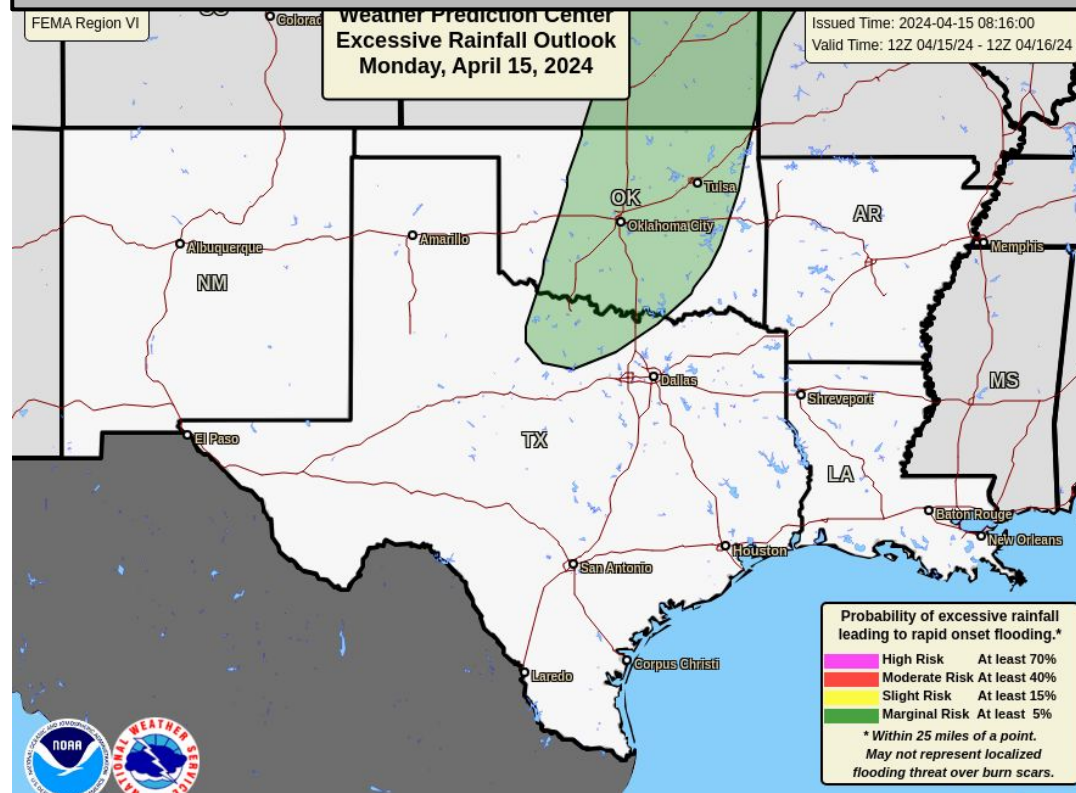
Forecast Rainfall



Severe Weather Outlook



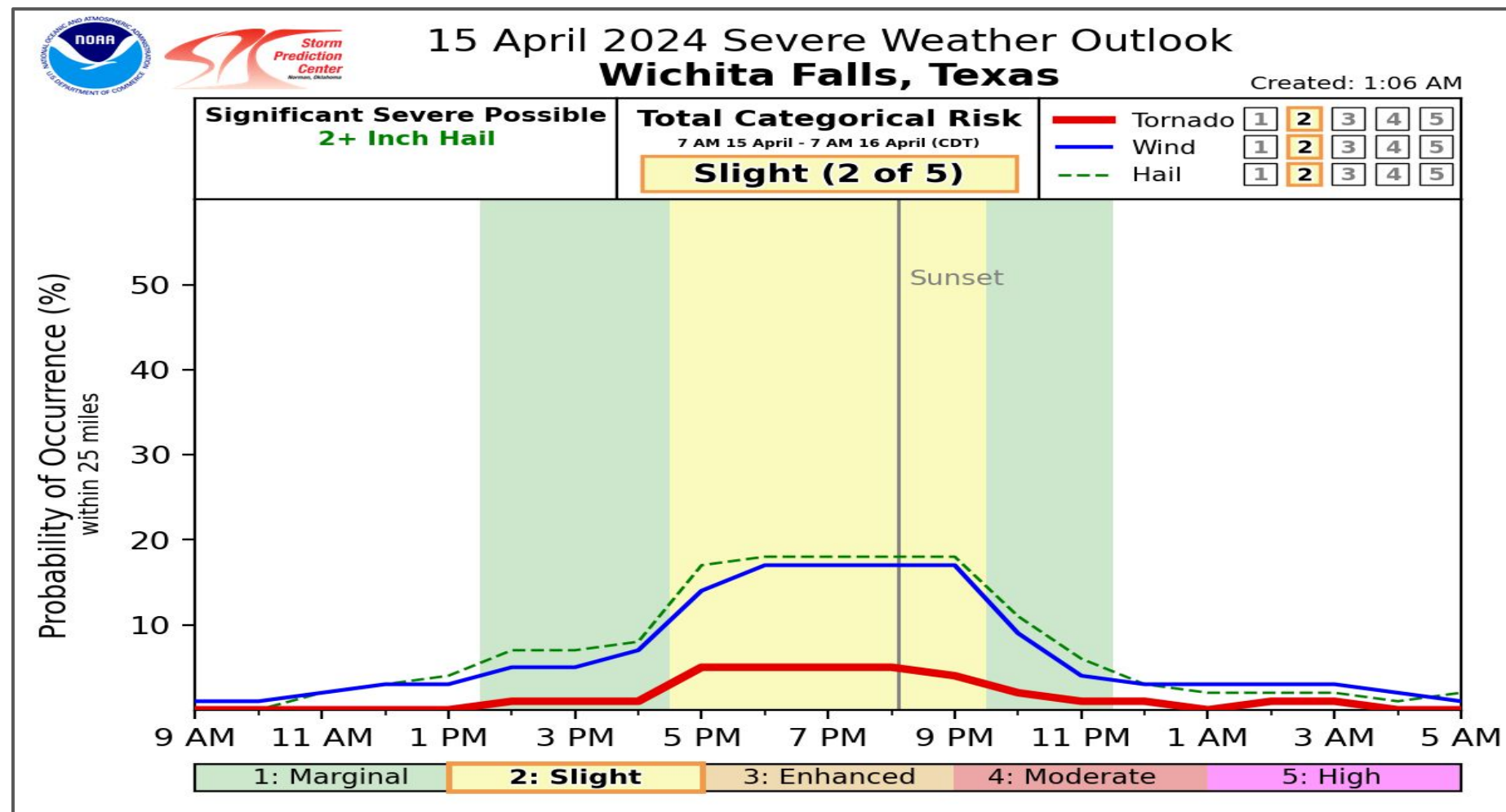
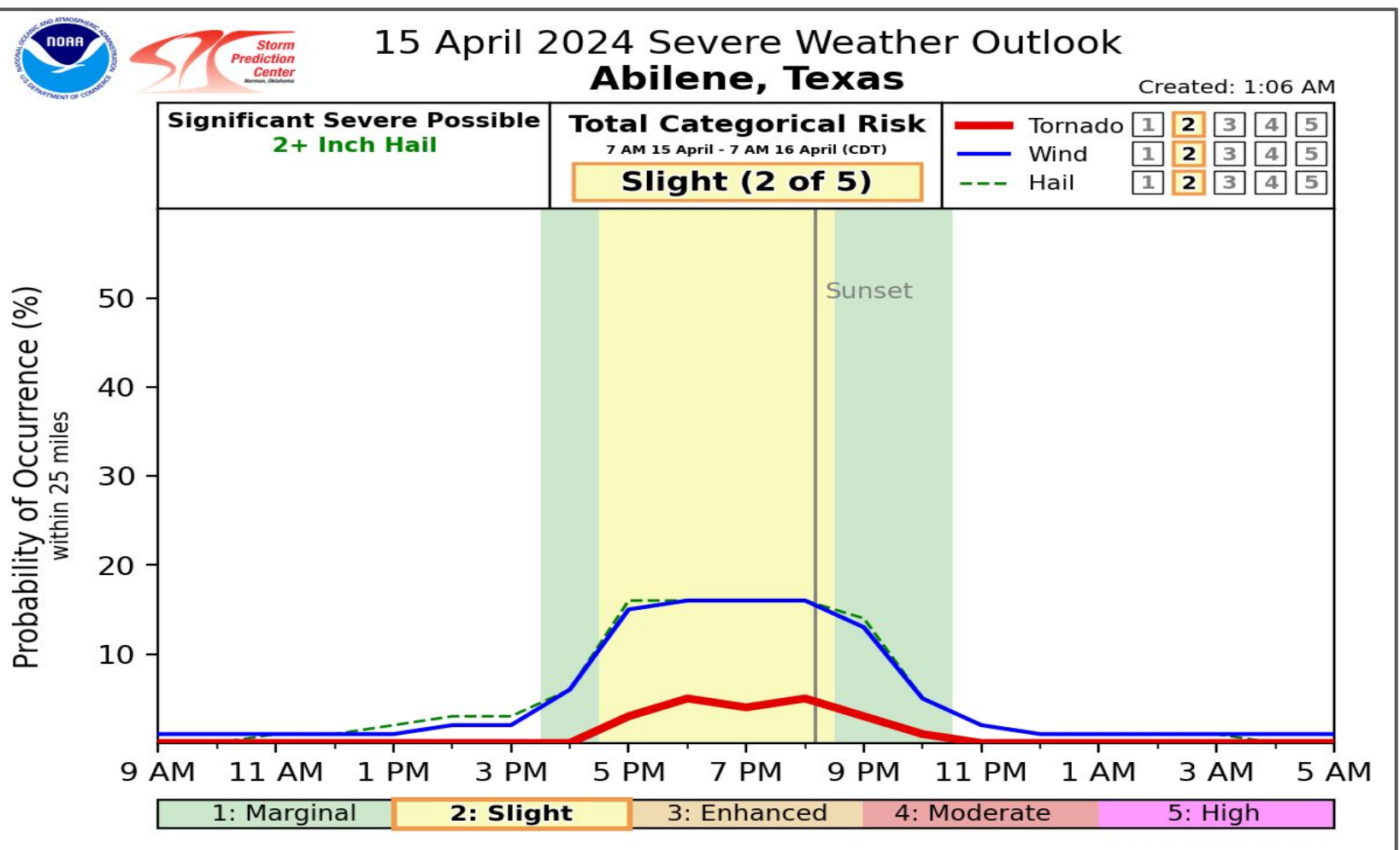
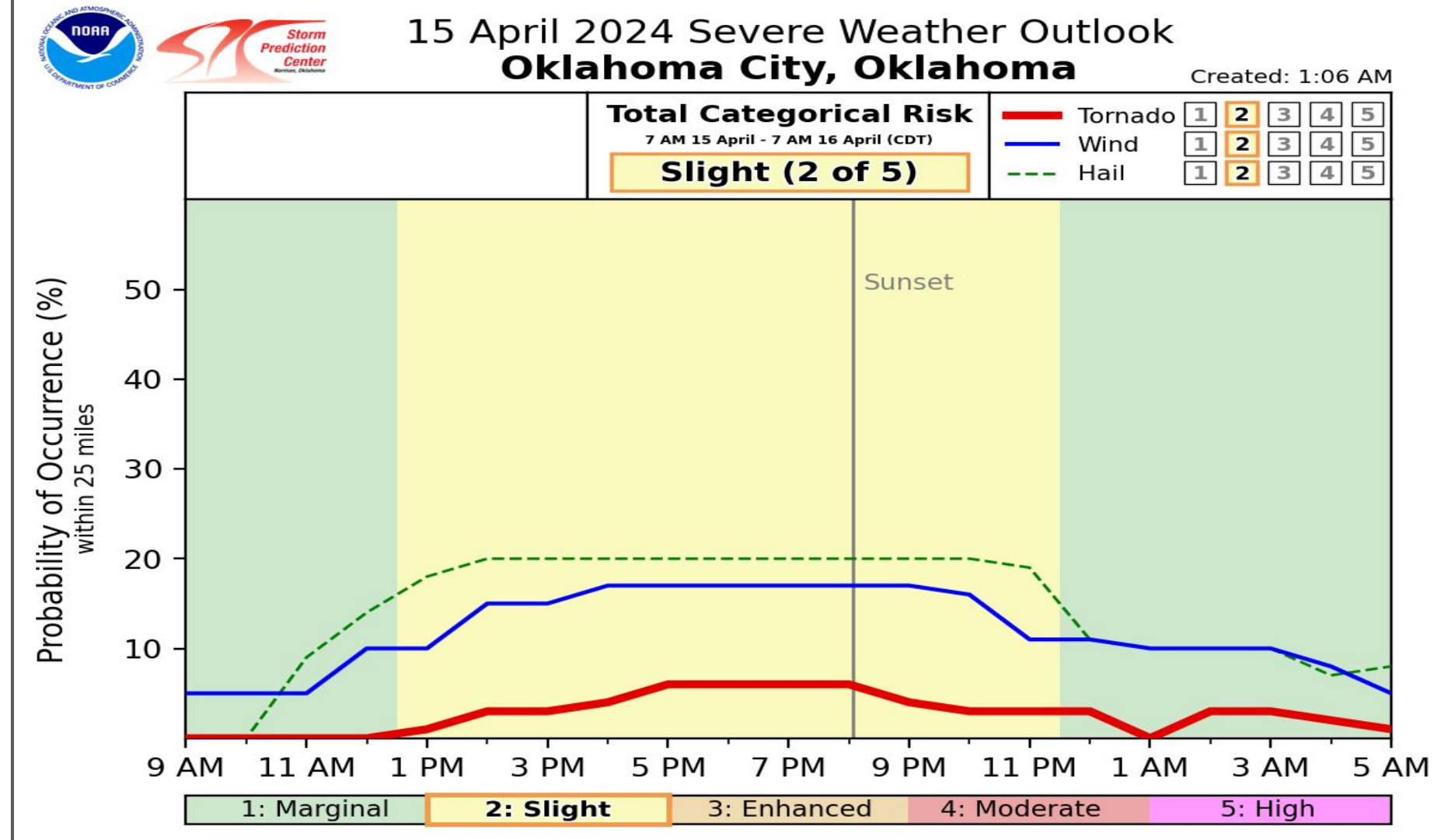
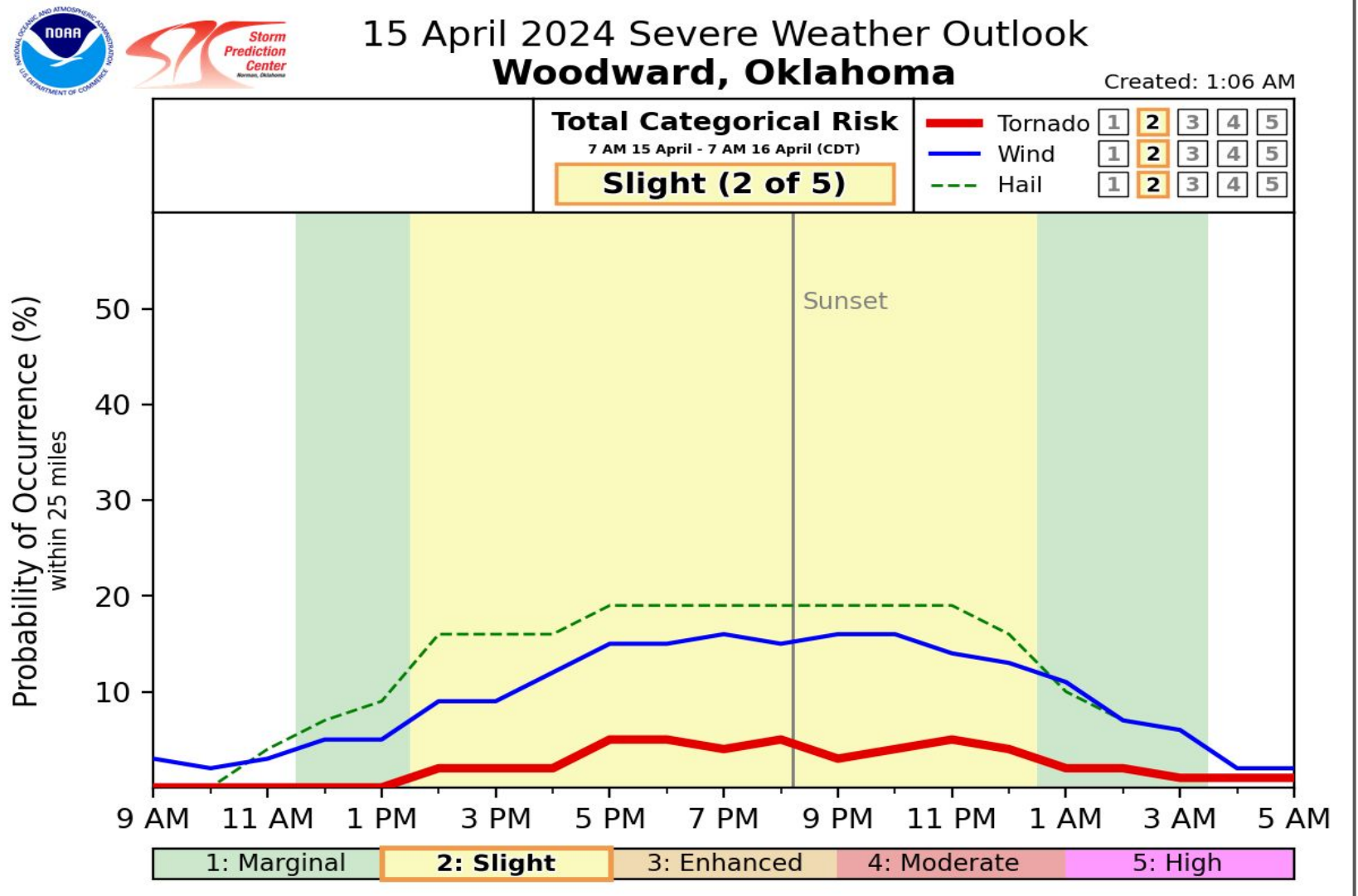
Excessive Rainfall Outlook



Slight risk of severe thunderstorms for OK, NW/N-Ctrl/W-Ctrl TX. Large to very large hail, damaging wind gusts, and a few tornadoes mainly Monday evening/night.

Marginal risk of isolated flash flooding across OK, NW TX.

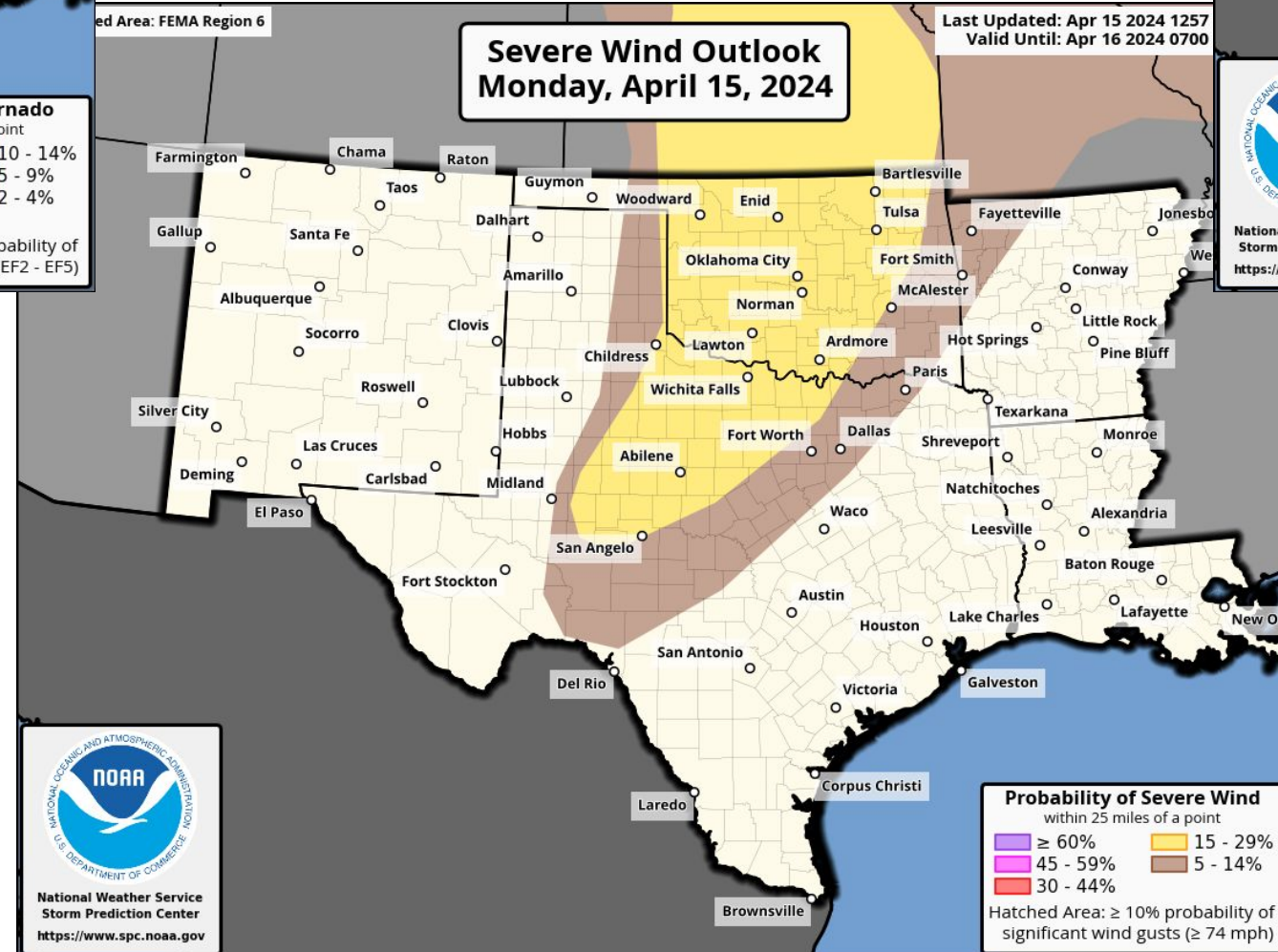
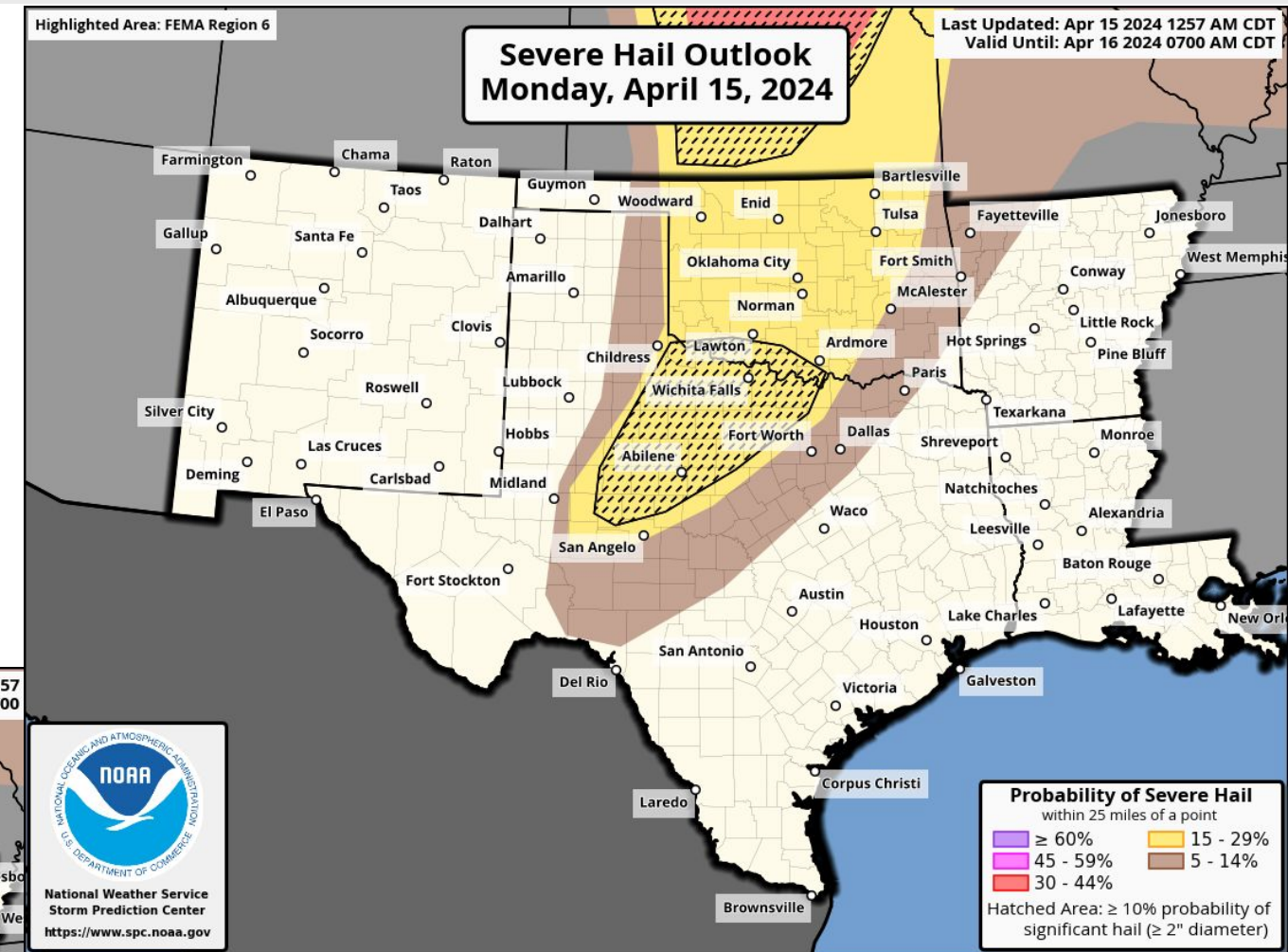
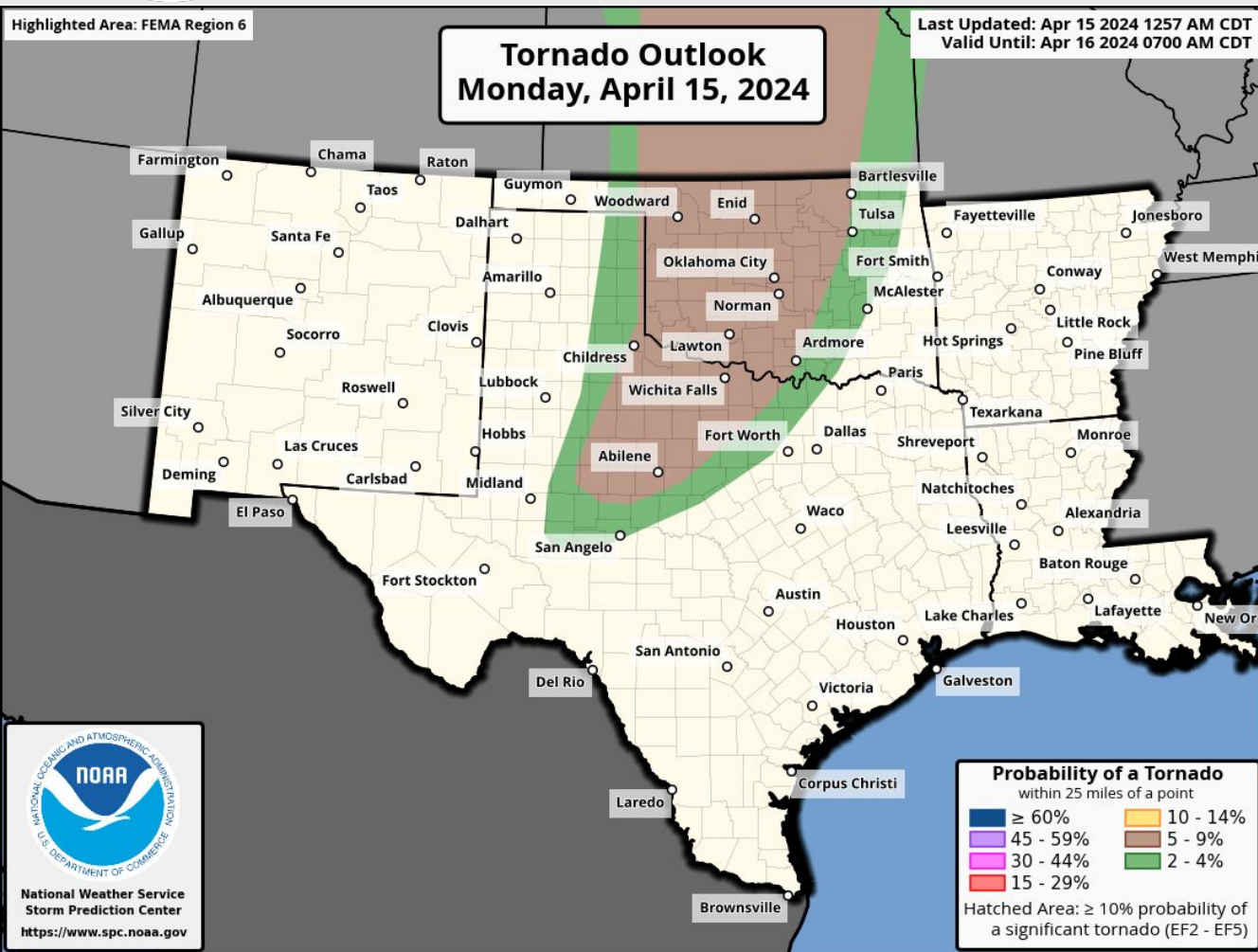
Critical fire weather conditions in NM, TX/OK Panhandles, W TX. Winds could also result in downed trees, power outages, blowing dust/reduced visibility, hazardous travel conditions for NM, W TX.





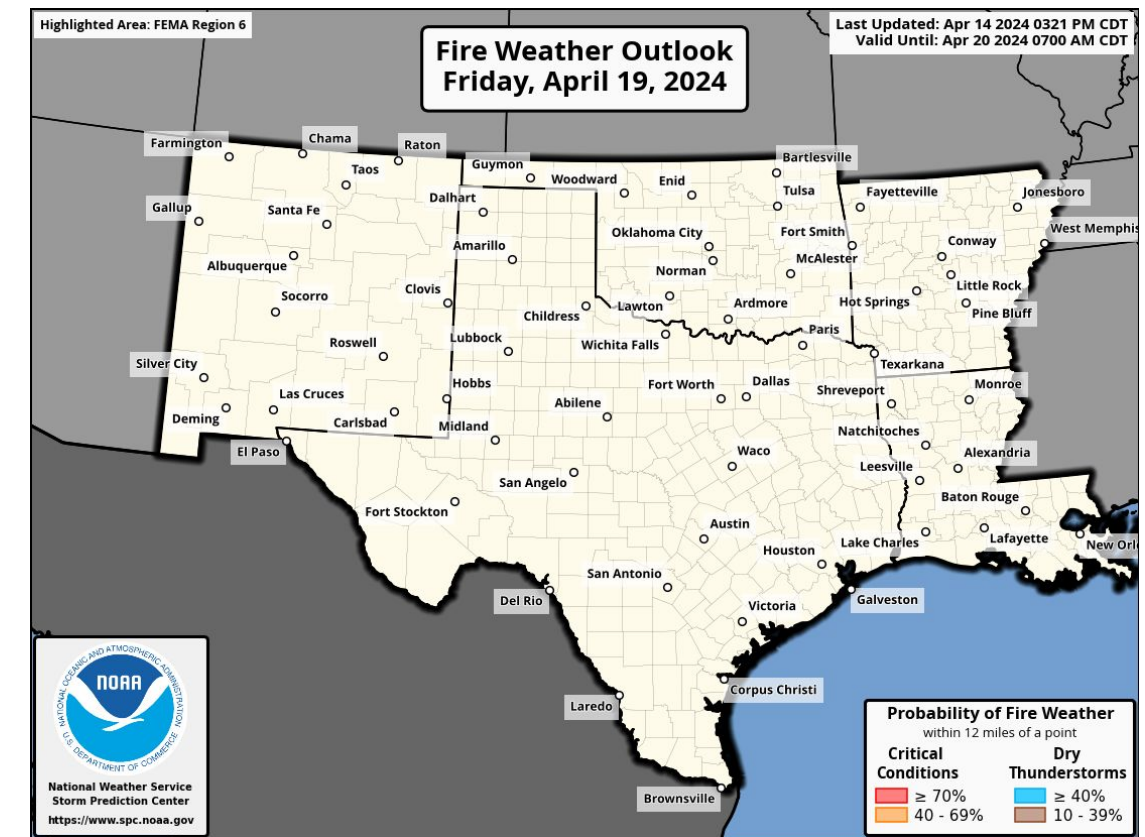
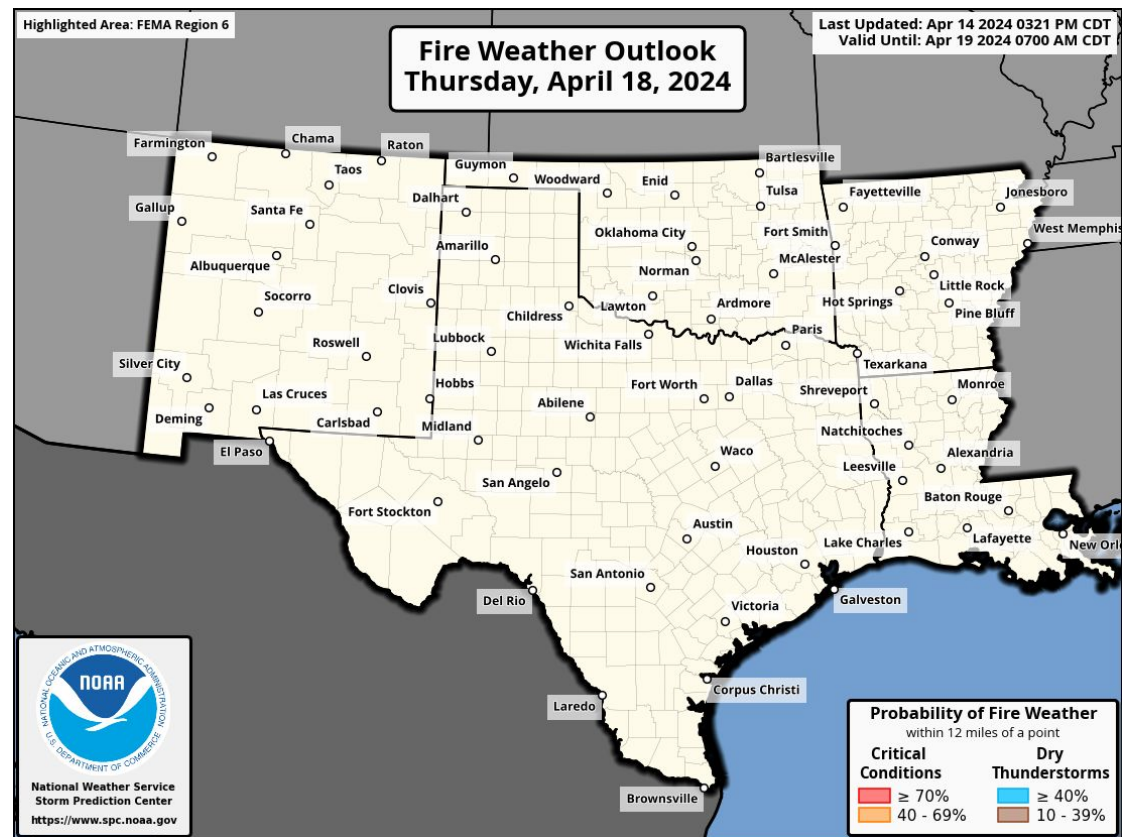
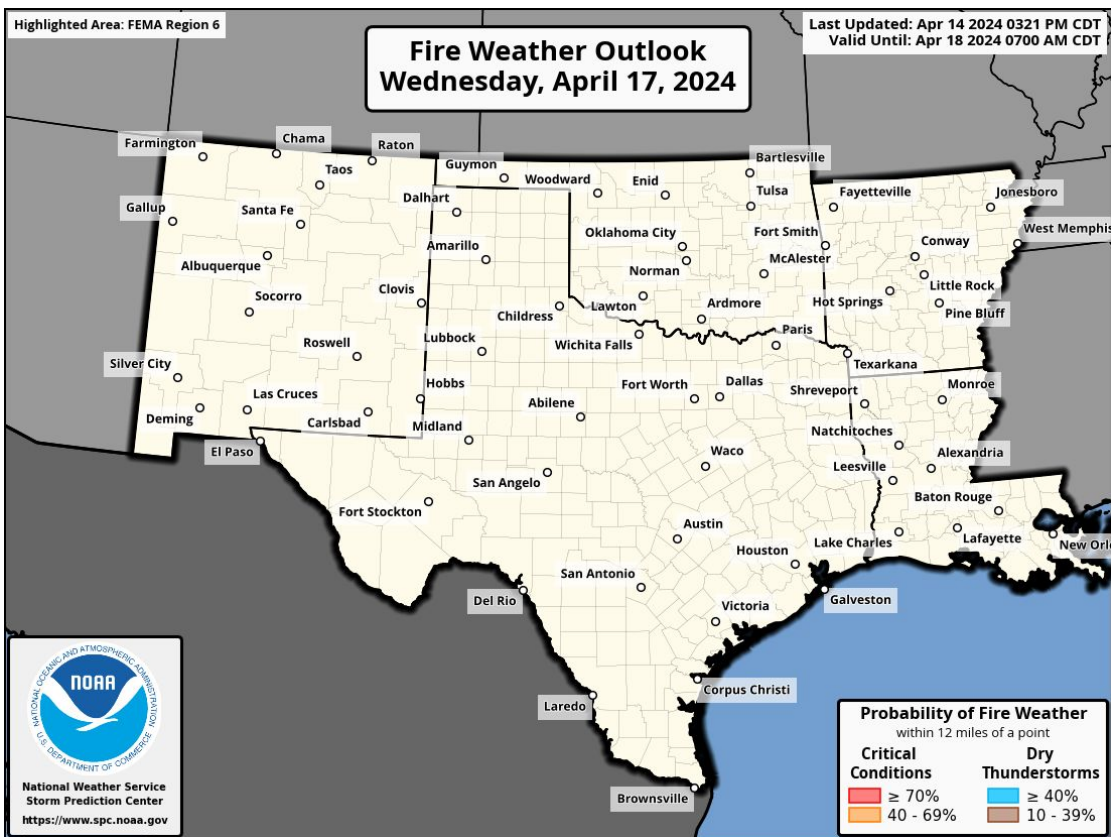
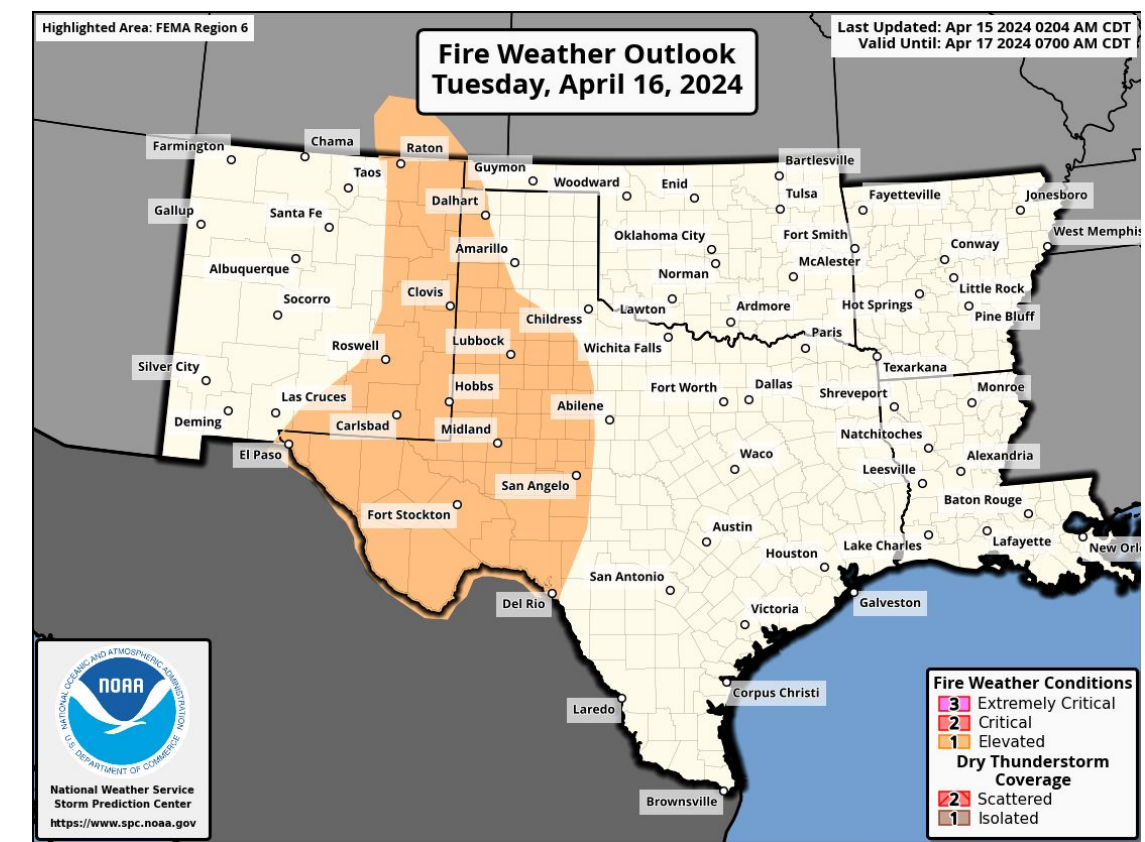
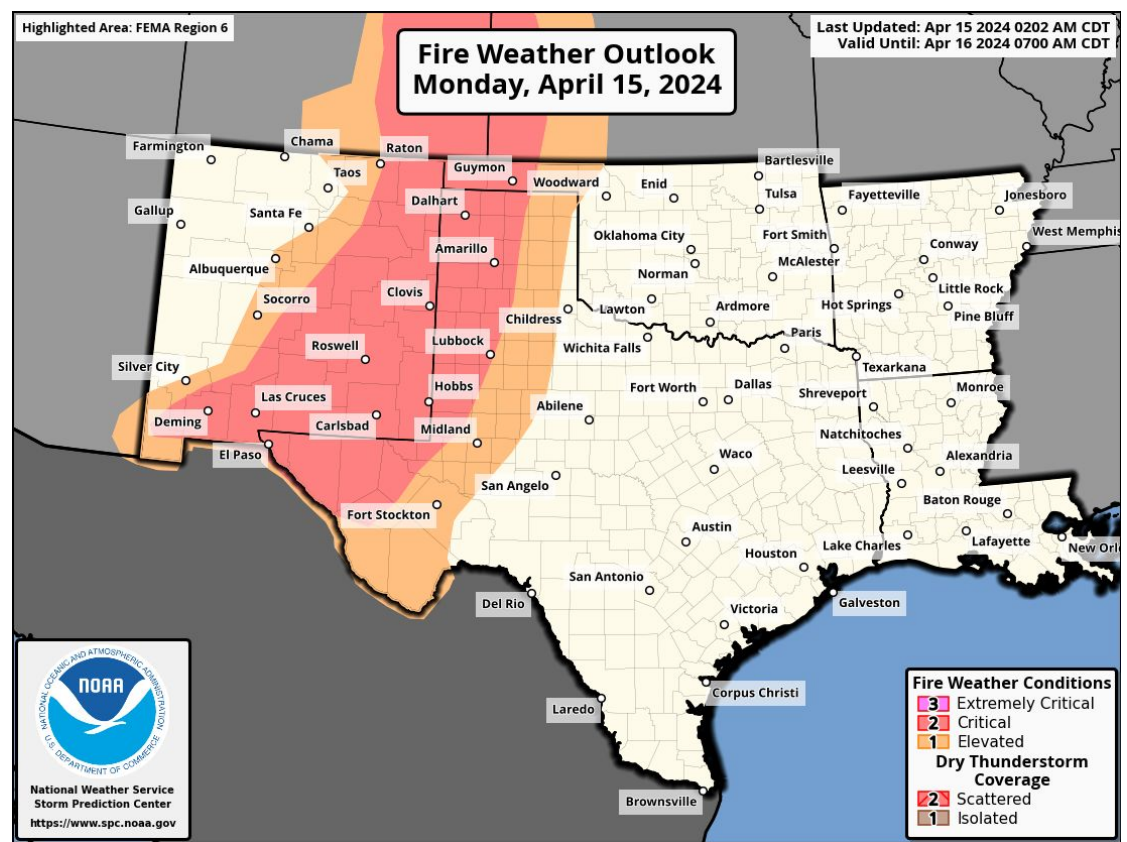
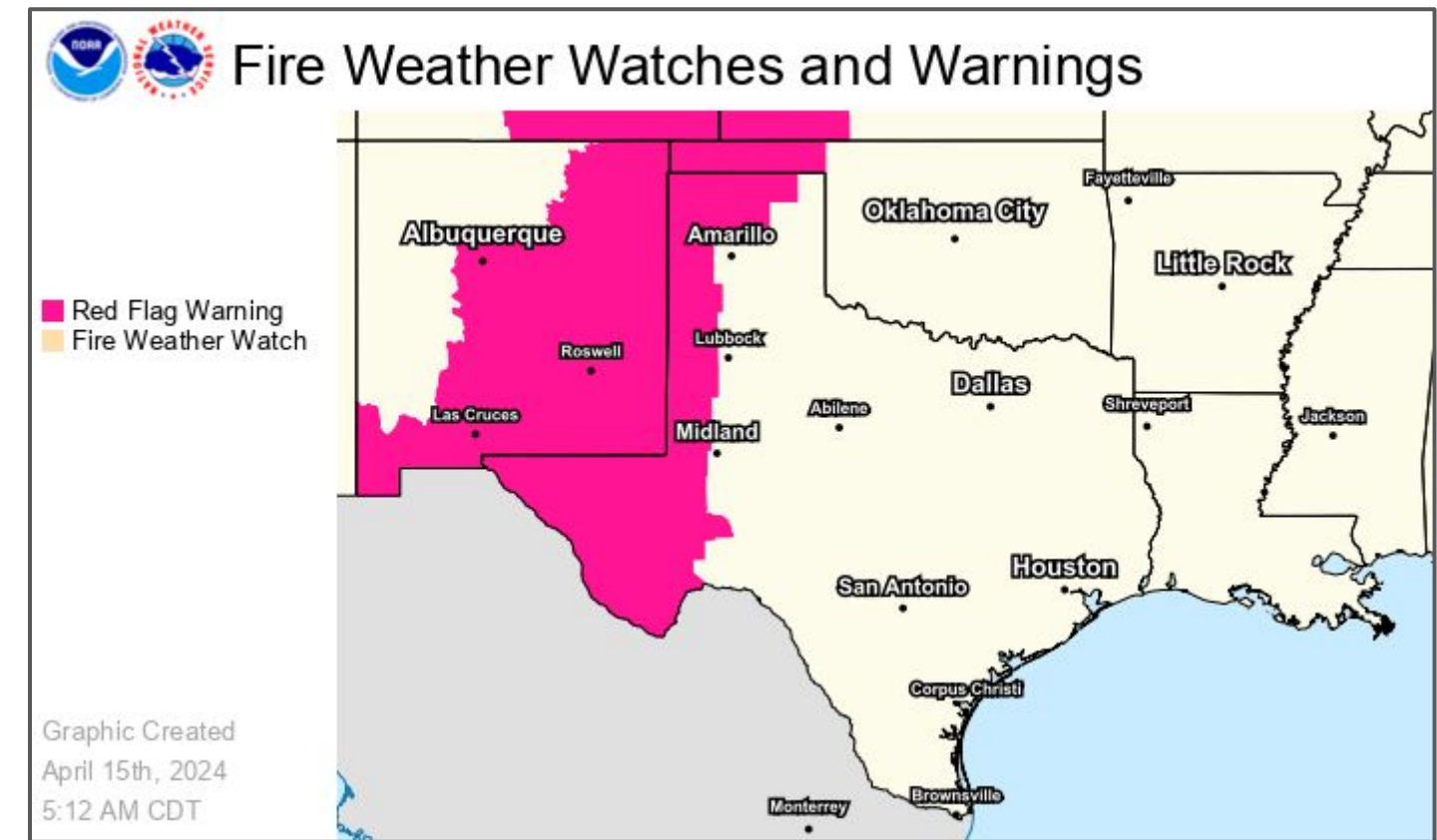
Today's Tornado & Severe Wind / Hail Probabilities

April 15, 2024





Fire Weather Outlooks

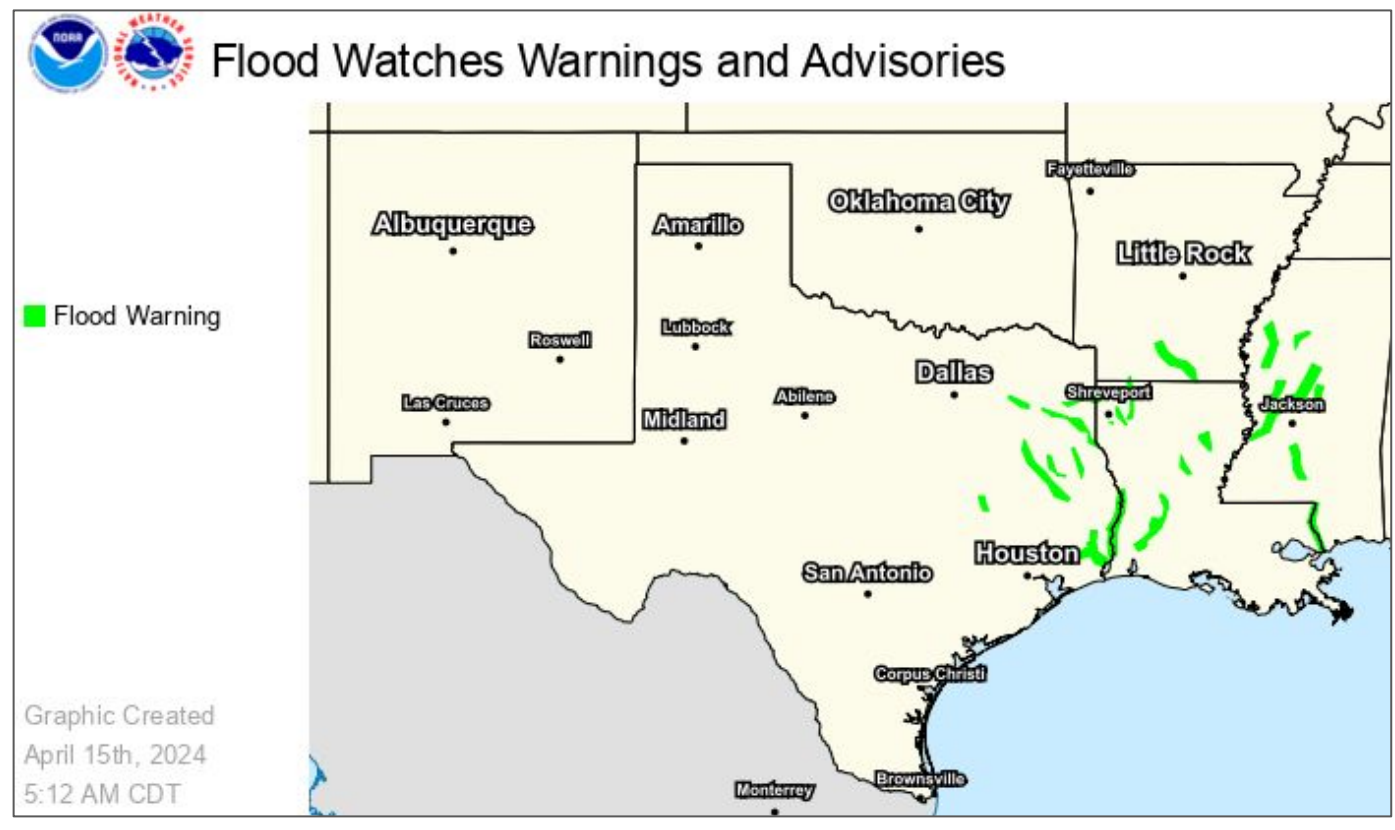
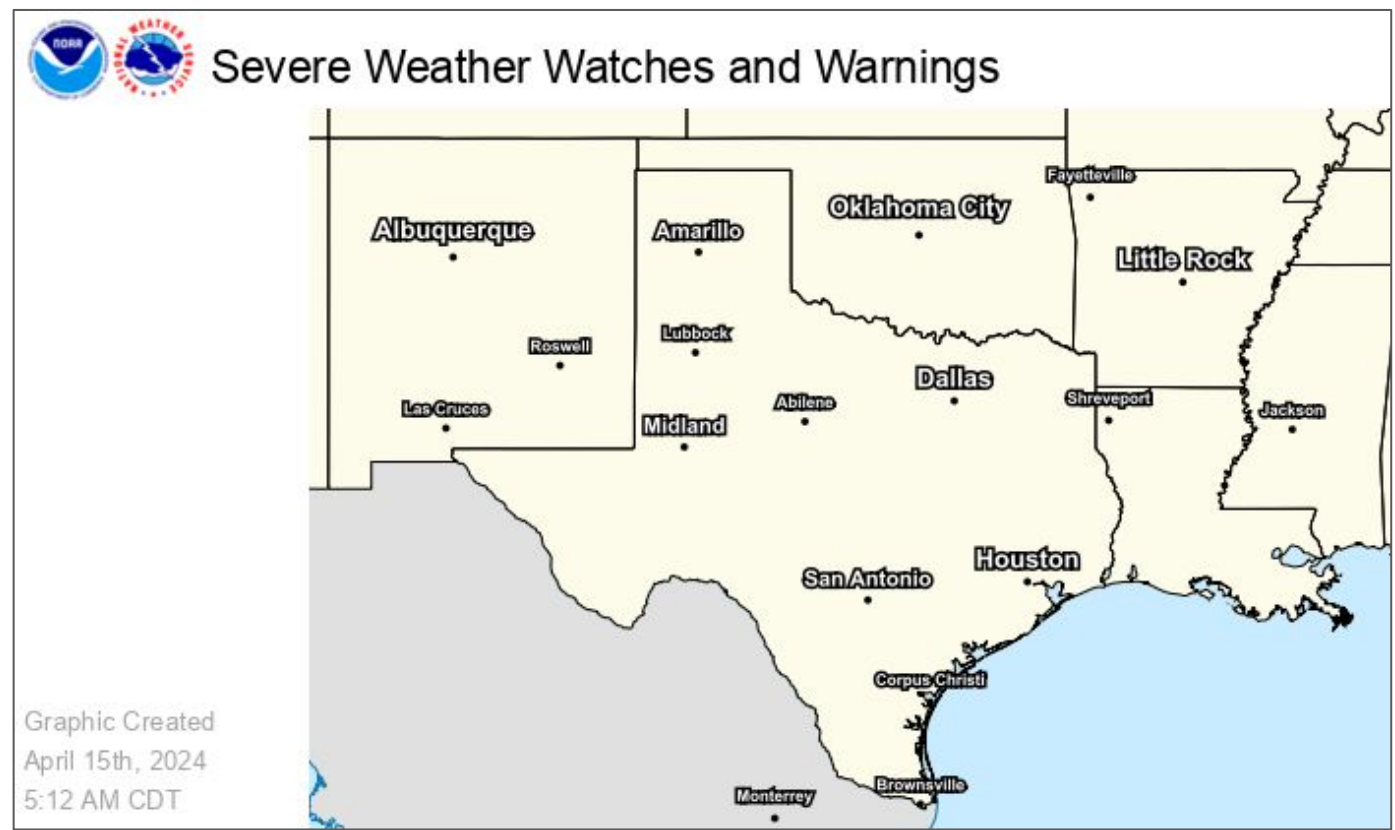
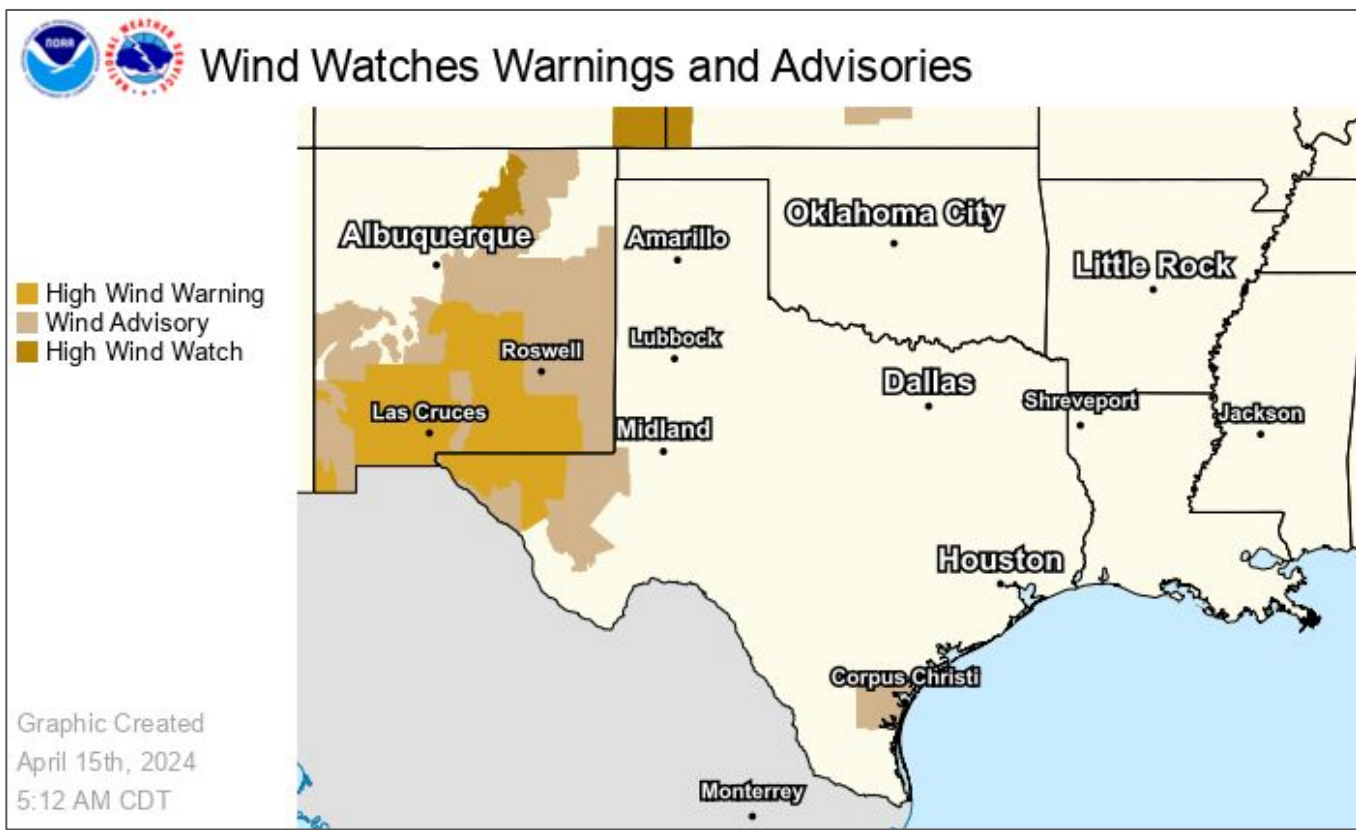




Watches, Warnings, and Advisories

Wind, Severe, Winter, and Flood Hazards

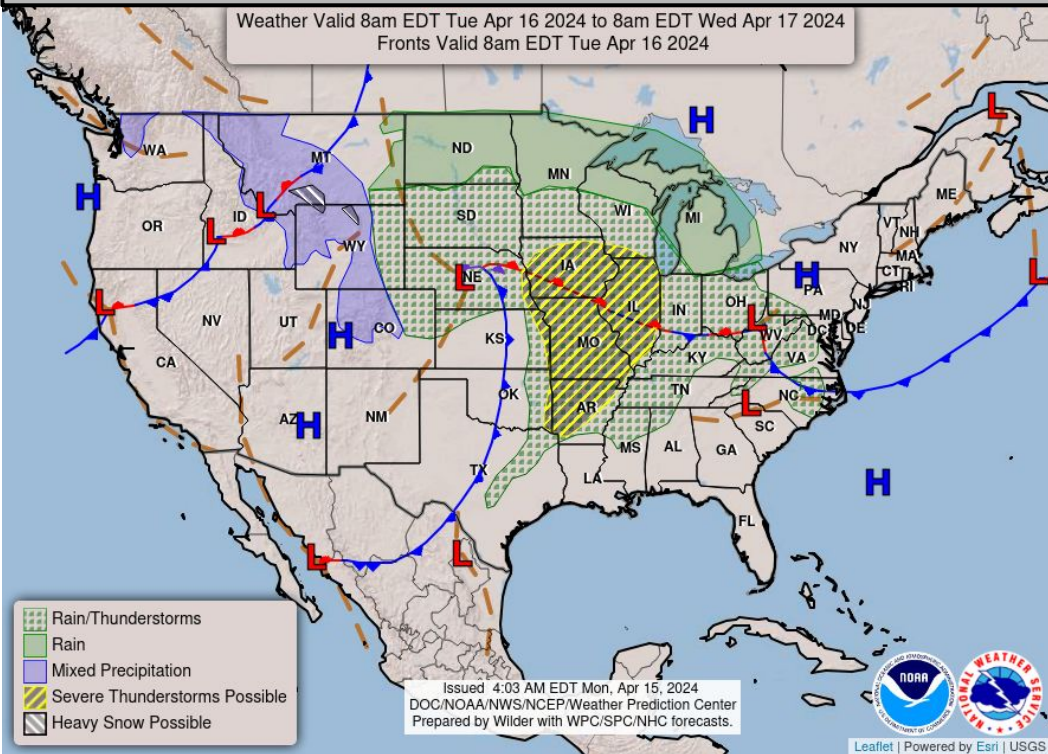
High Wind Warning and Wind Advisory for Monday for much of NM into Far W TX.



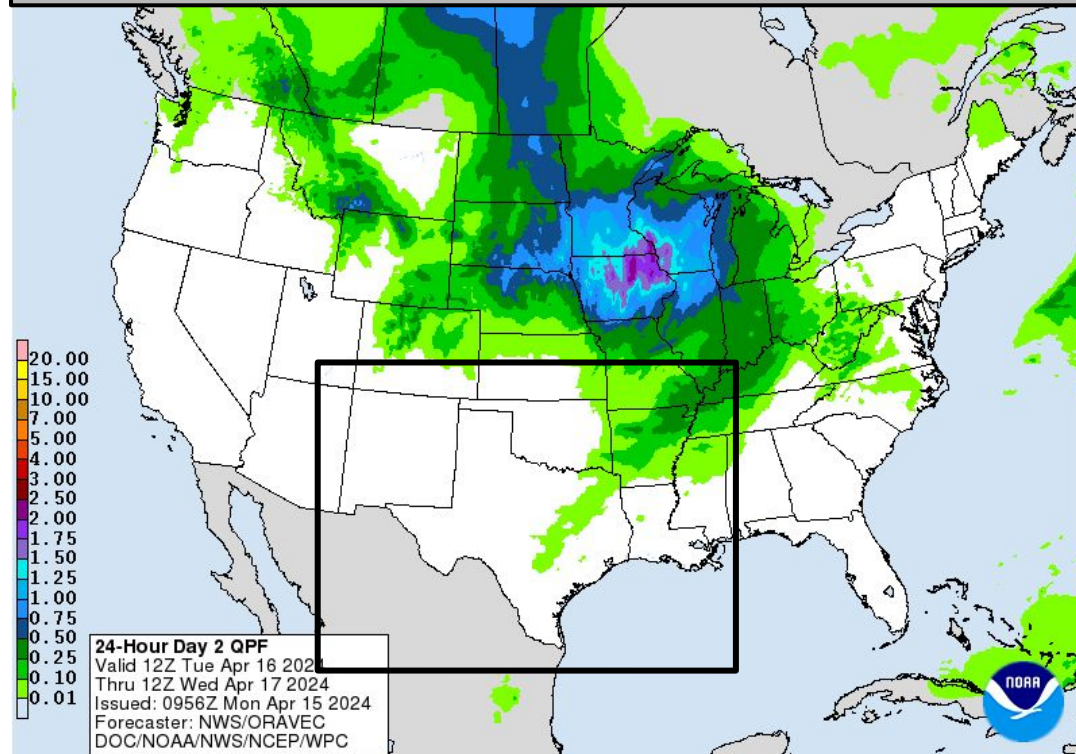


Tomorrow's Weather

Forecast Chart



Forecast Rainfall

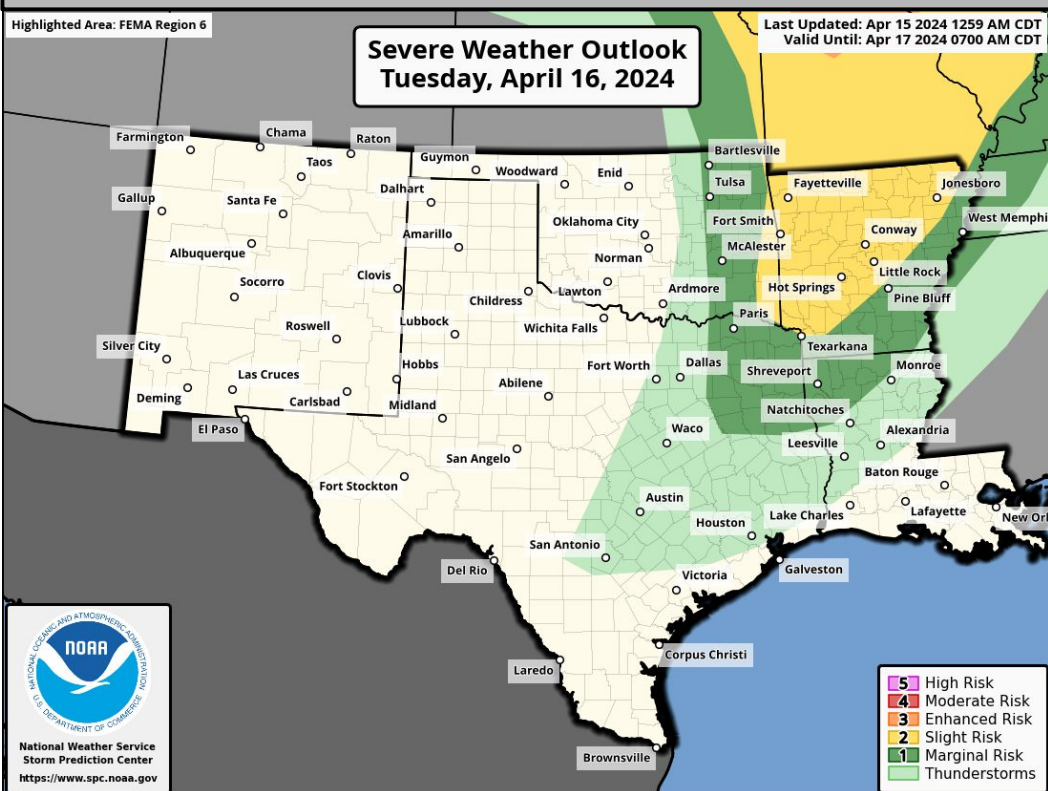


Slight risk of severe thunderstorms for E OK, AR.

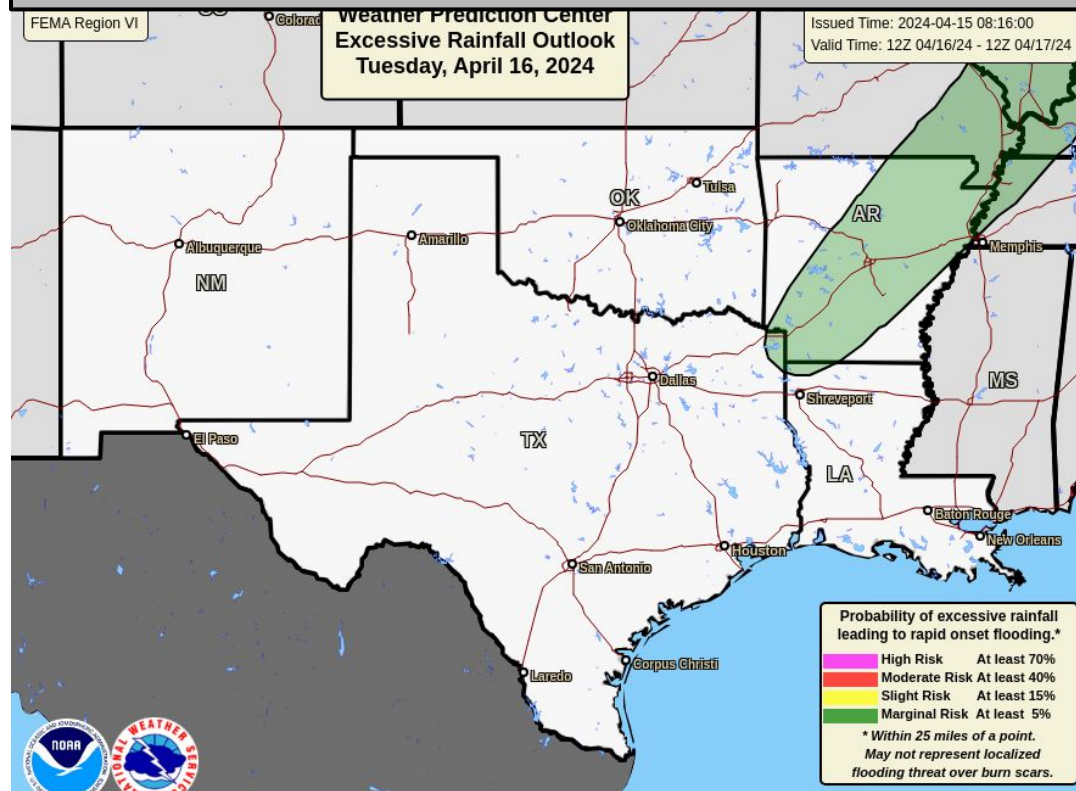
Marginal risk of isolated flash flooding for AR, NE TX, NW LA.

Elevated fire weather conditions for SE NM, W OK Panhandle, TX Panhandle, W/SW TX.

Severe Weather Outlook

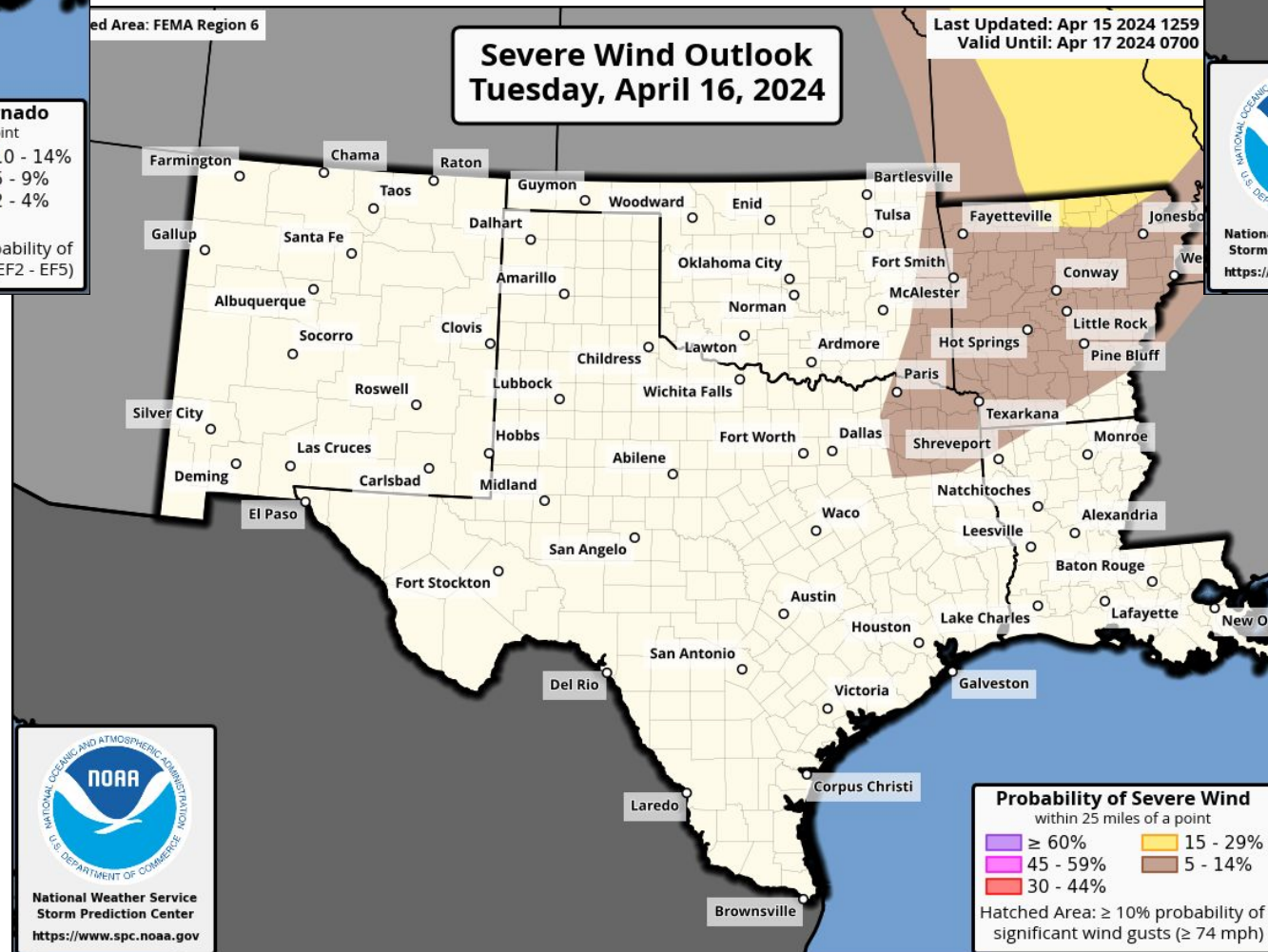
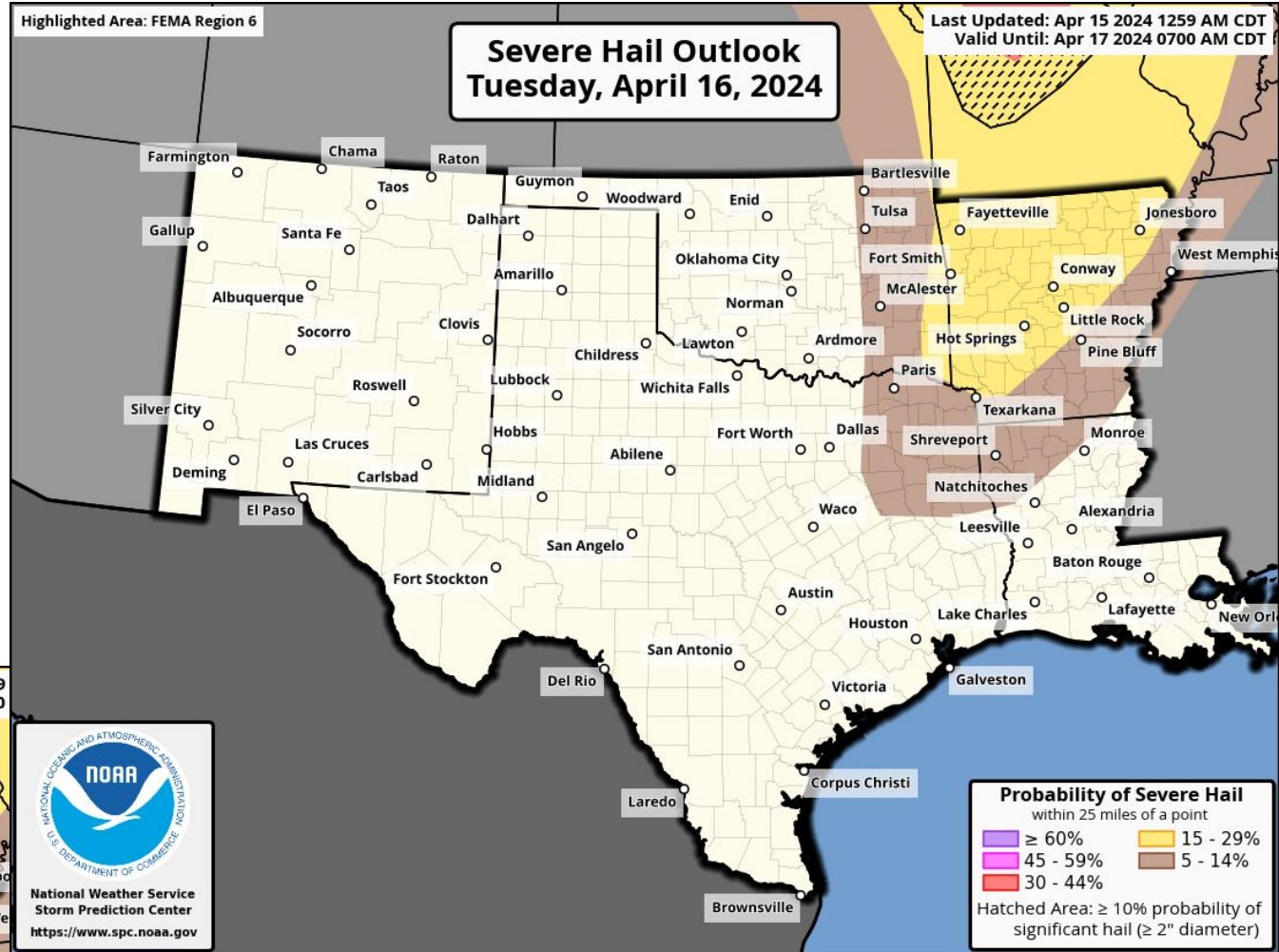
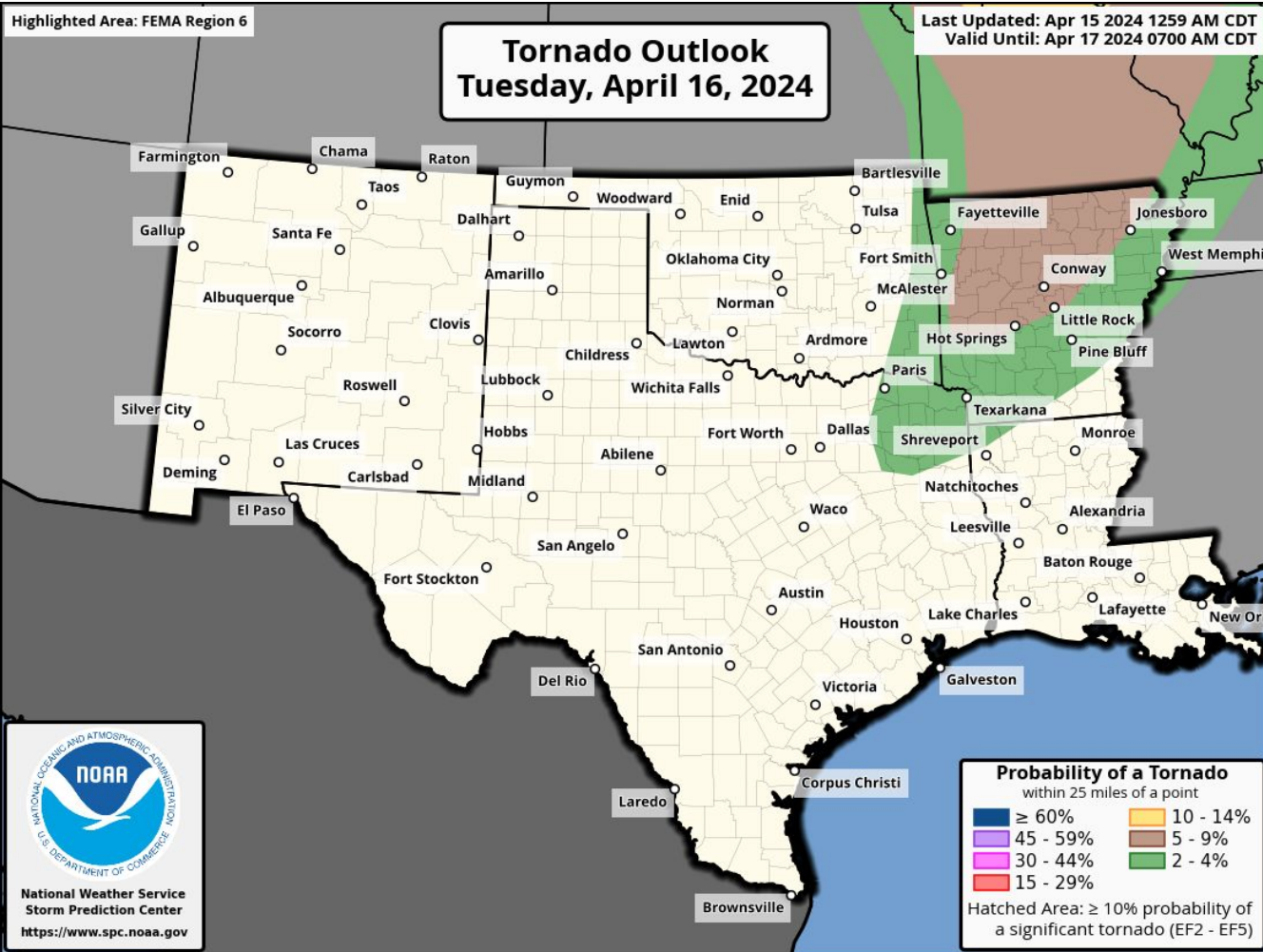


Excessive Rainfall Outlook



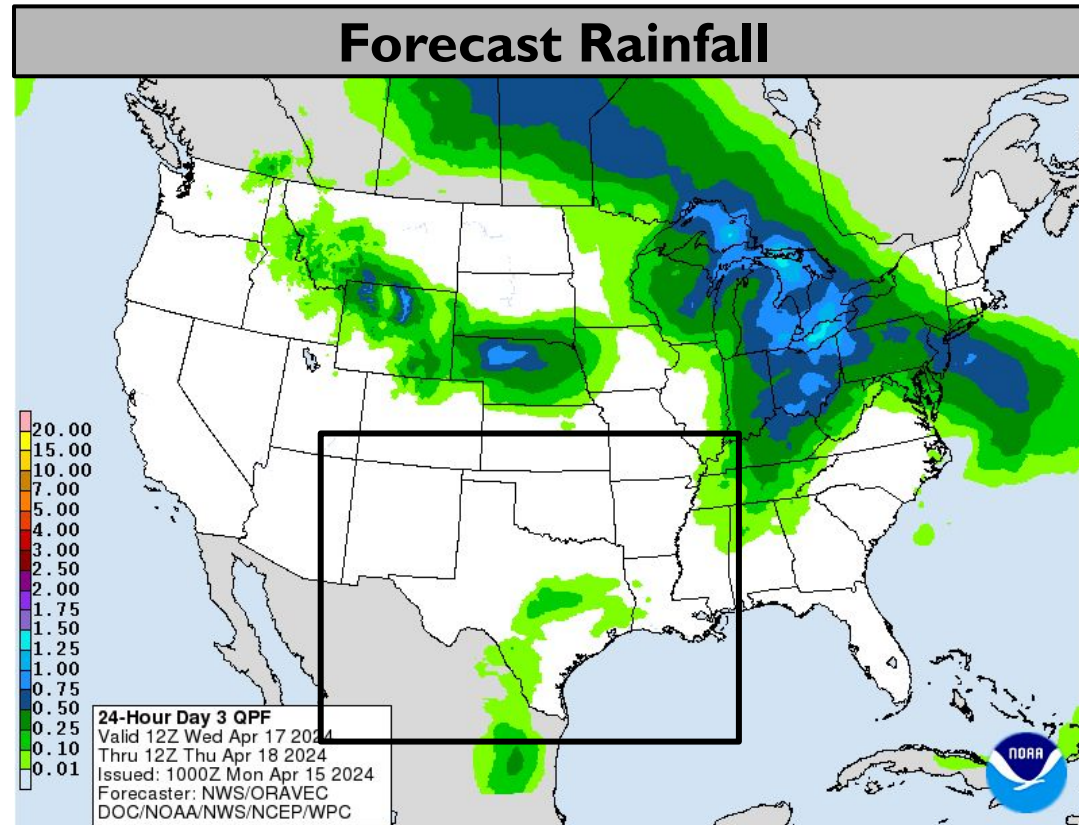
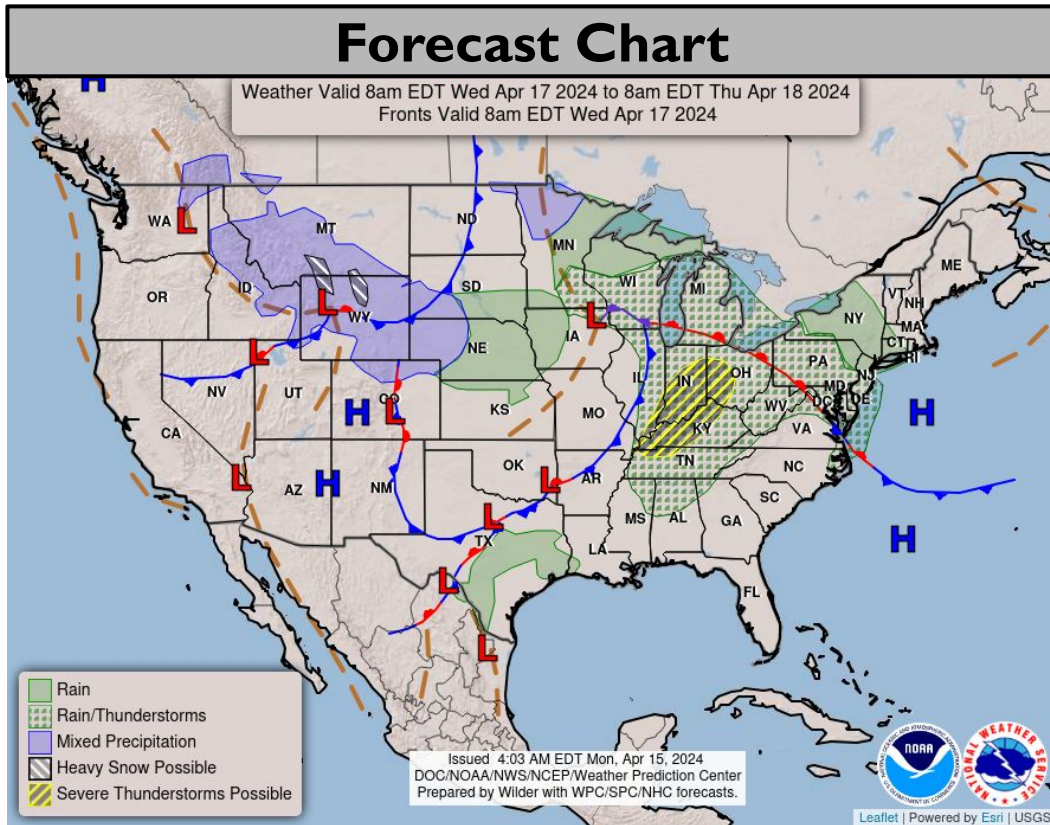


Tomorrow's Tornado & Severe Wind / Hail Probabilities

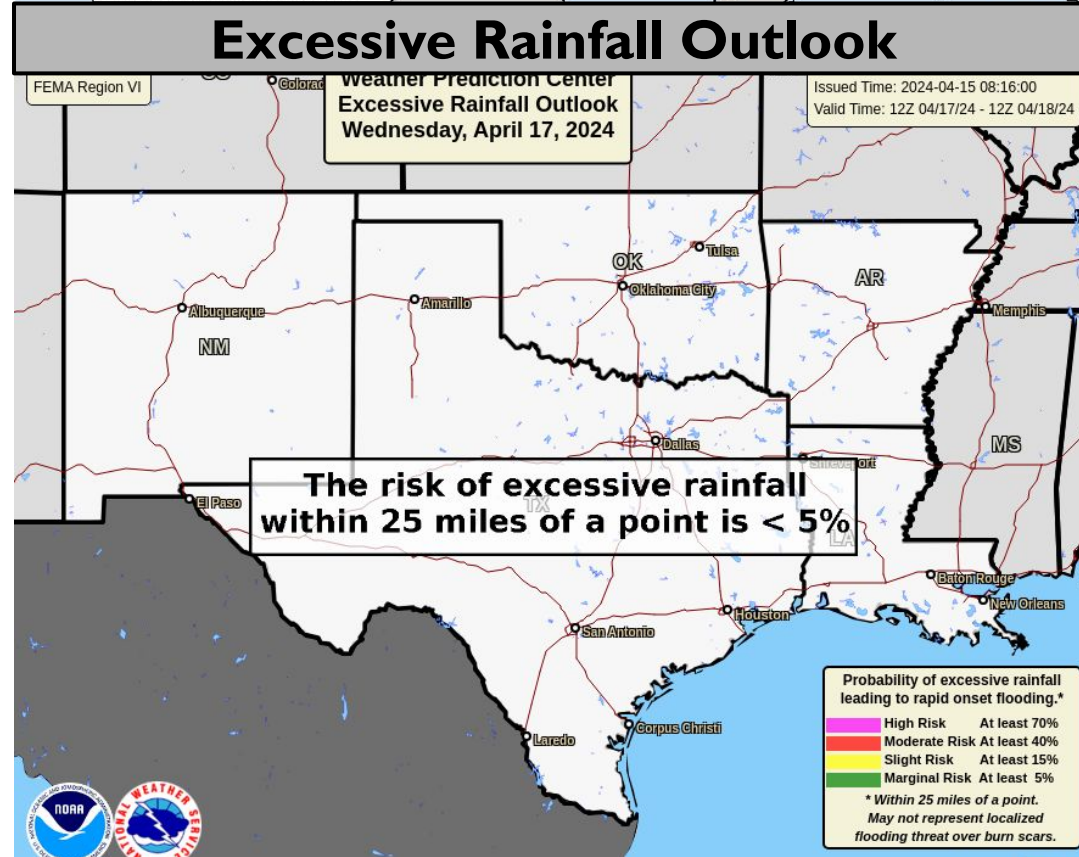
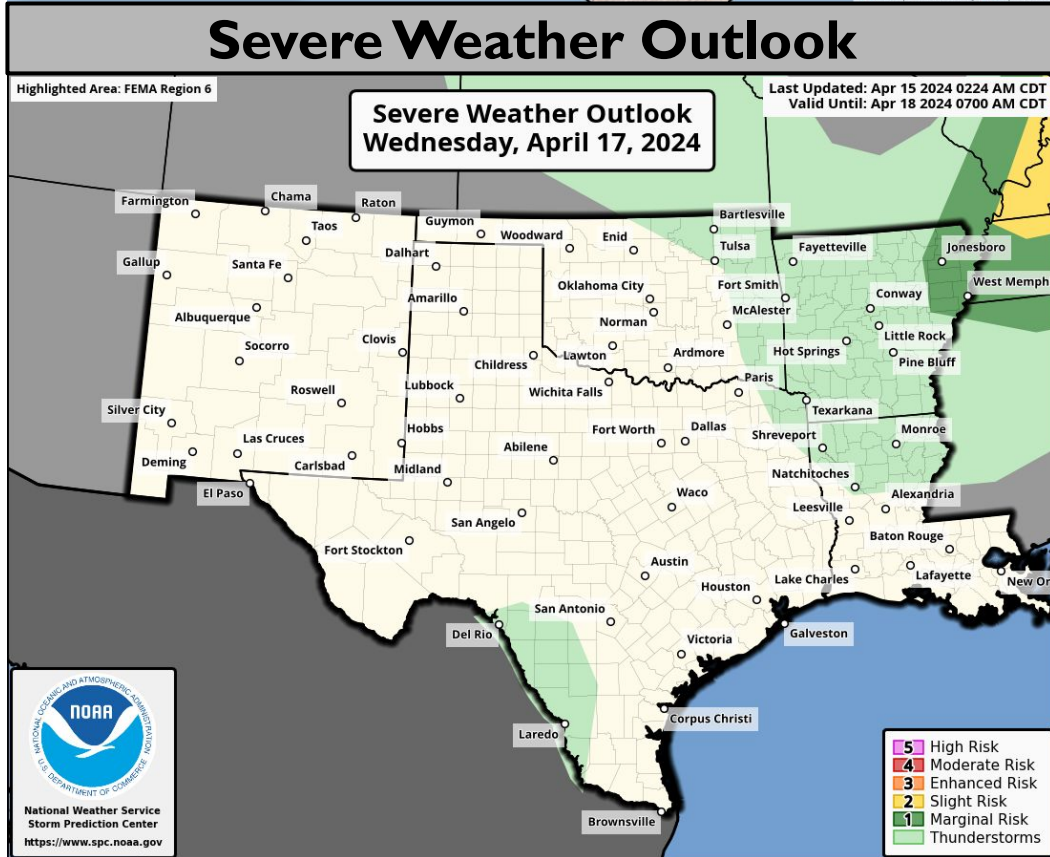




Wednesday's Weather



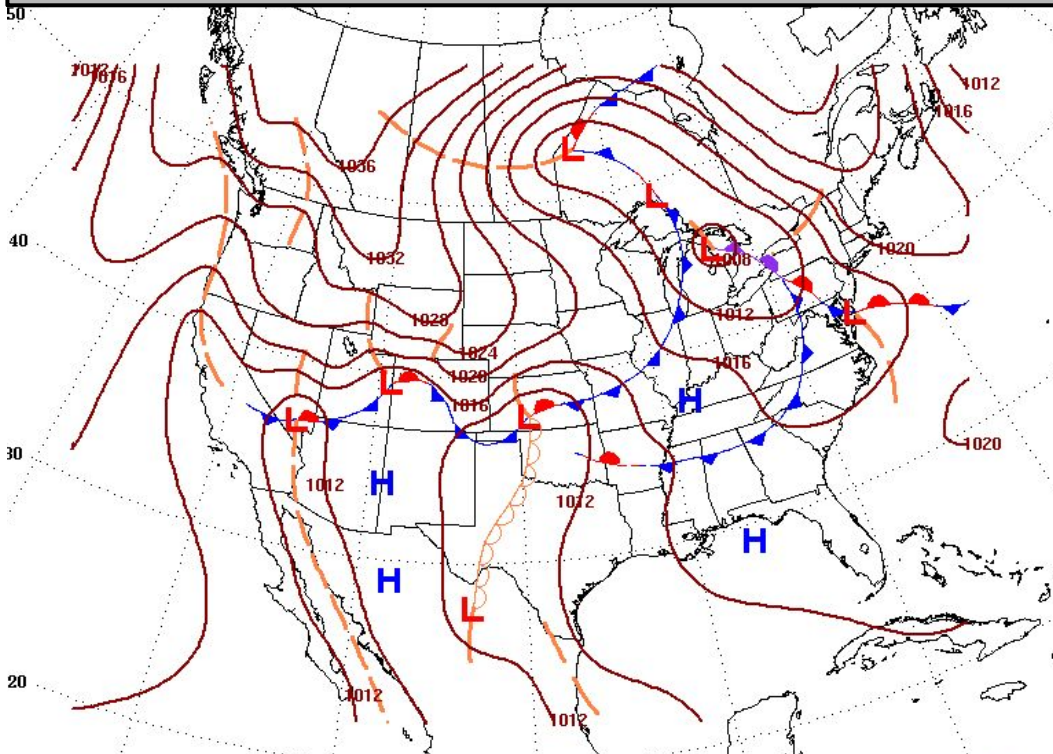
Marginal risk for severe thunderstorms NE AR.



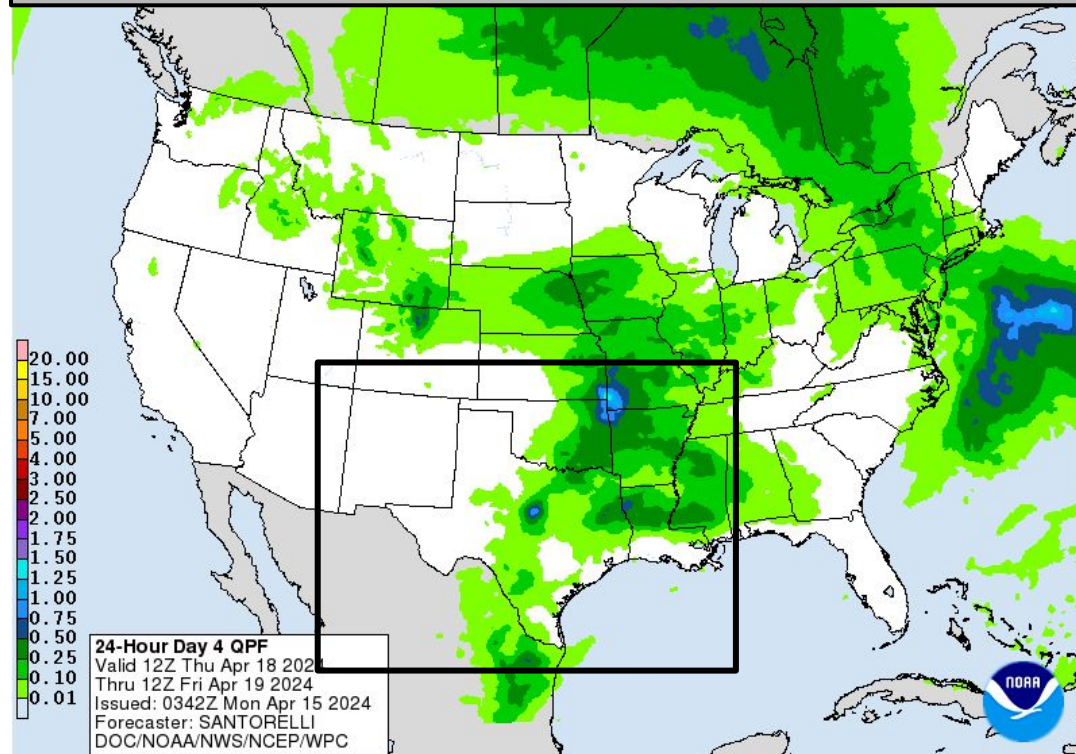


Thursday's Weather

Forecast Chart

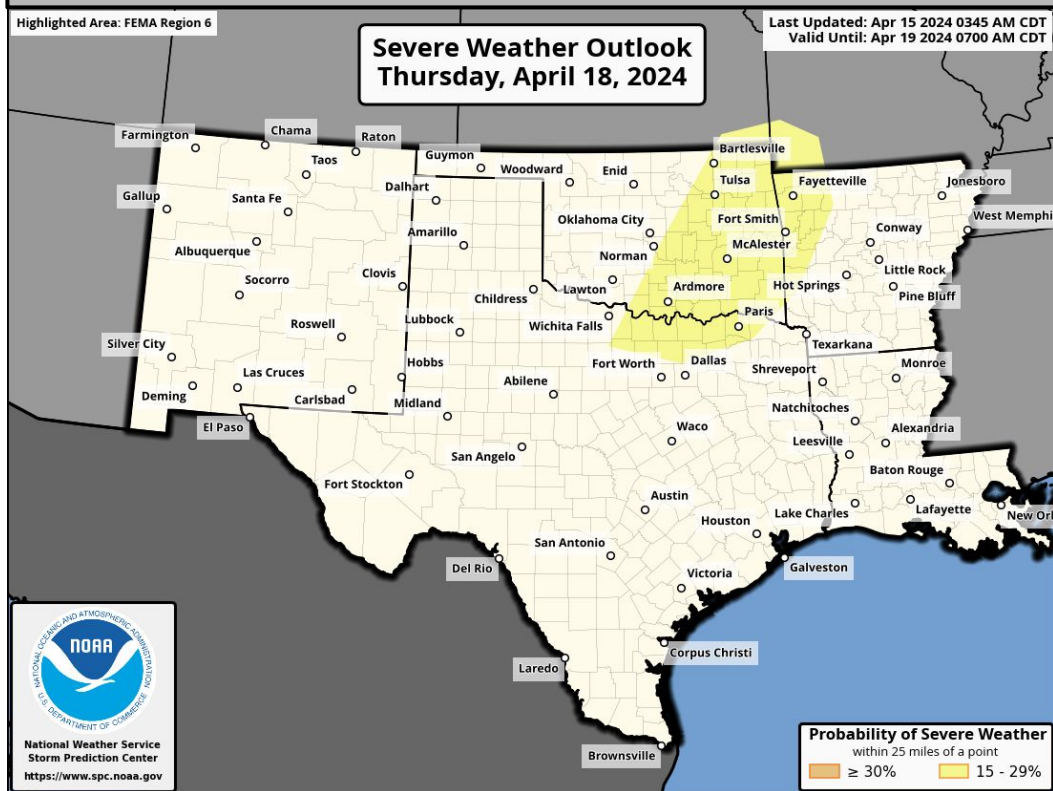


Forecast Rainfall

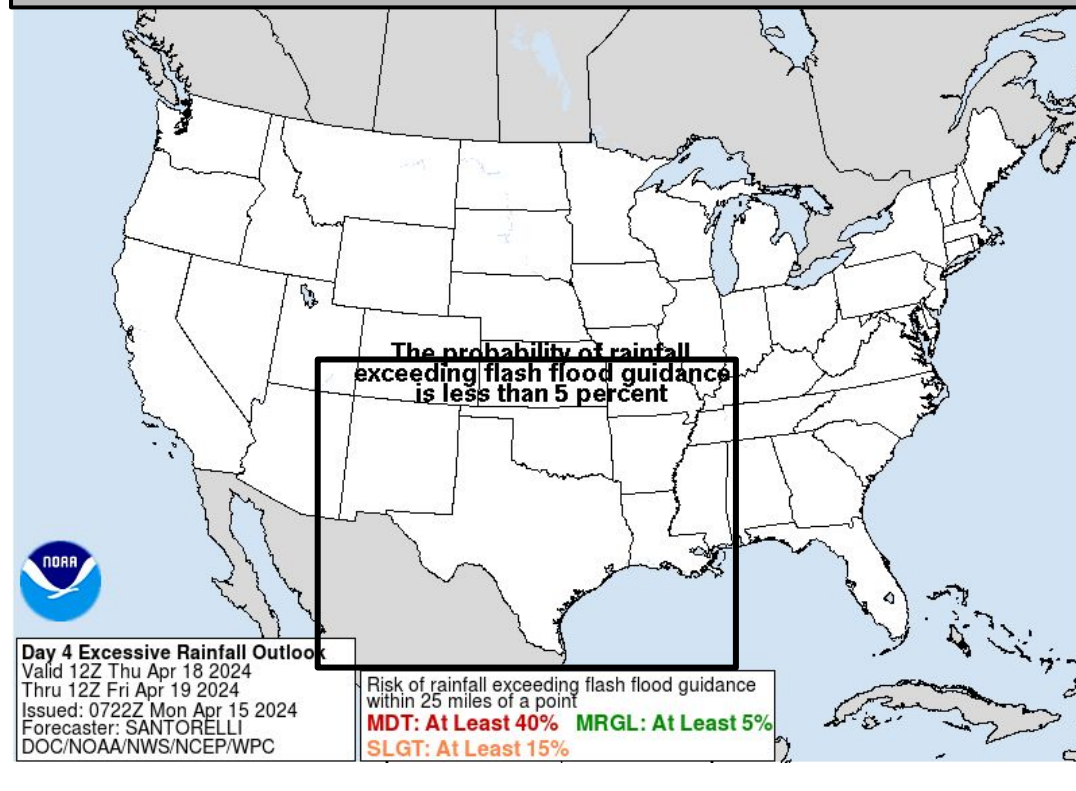


Slight risk for severe thunderstorms E OK, W AR, N-Ctrl TX.

Severe Weather Outlook



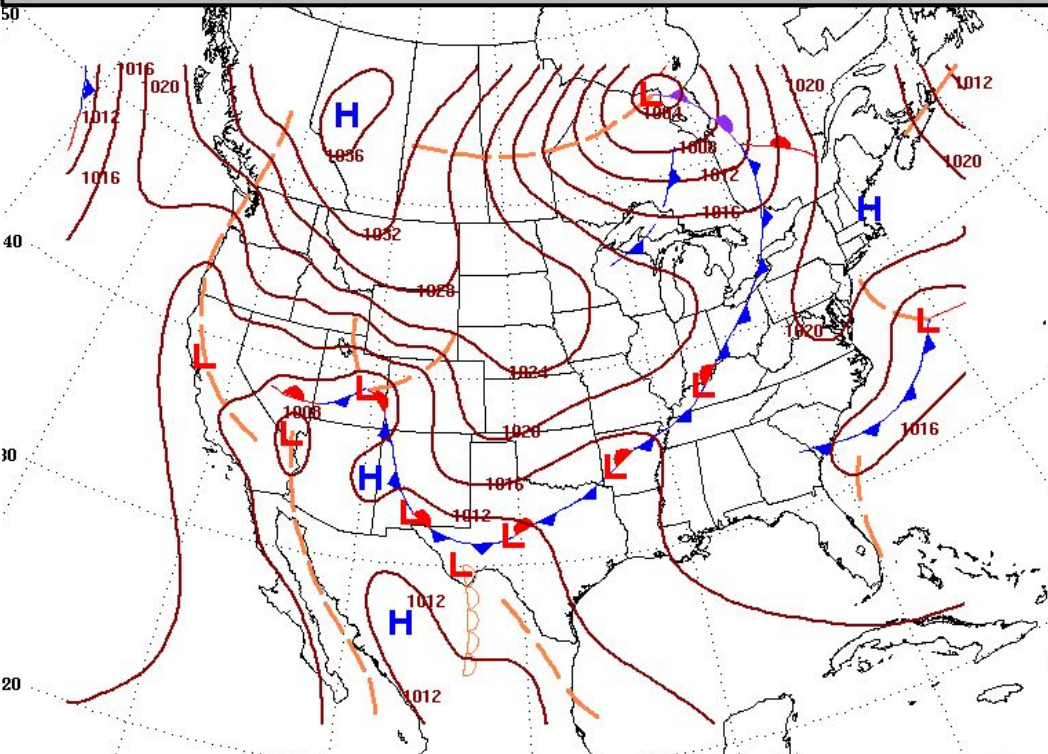
Excessive Rainfall Outlook



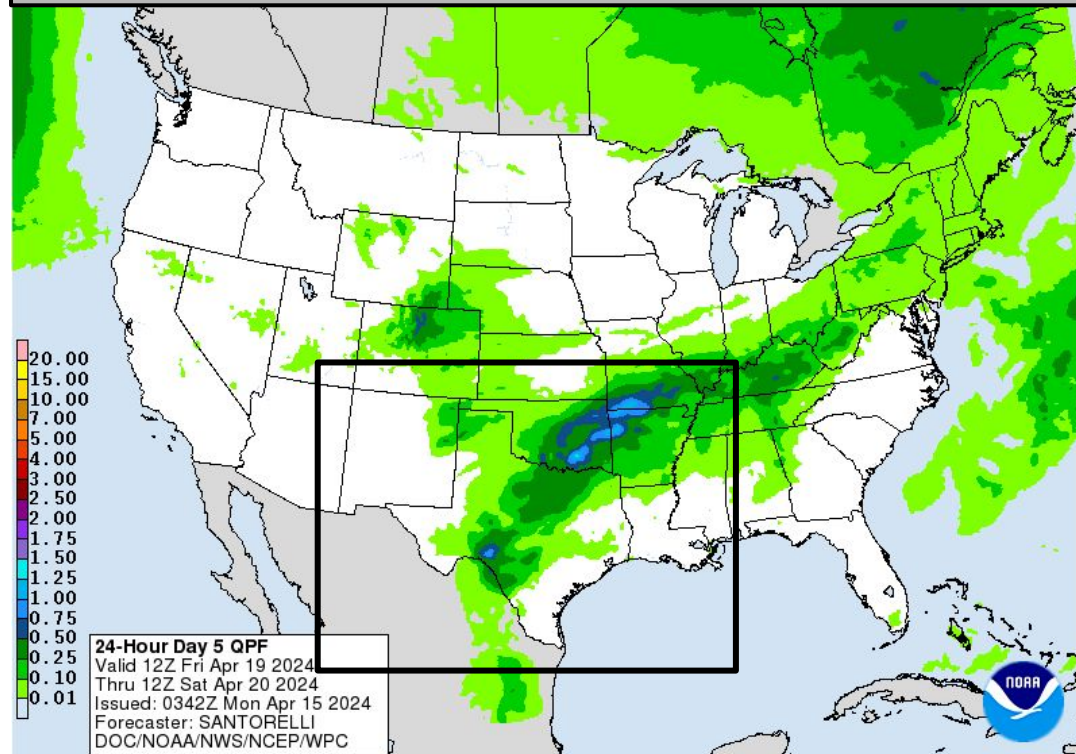


Friday's Weather

Forecast Chart

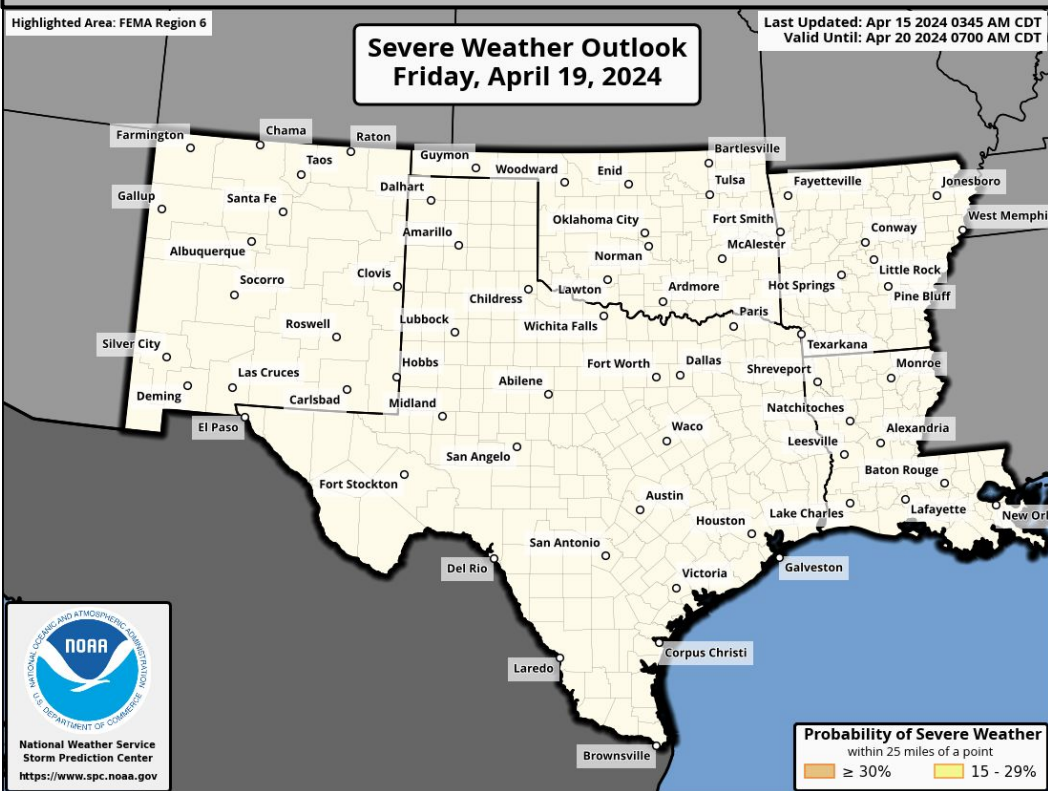


Forecast Rainfall

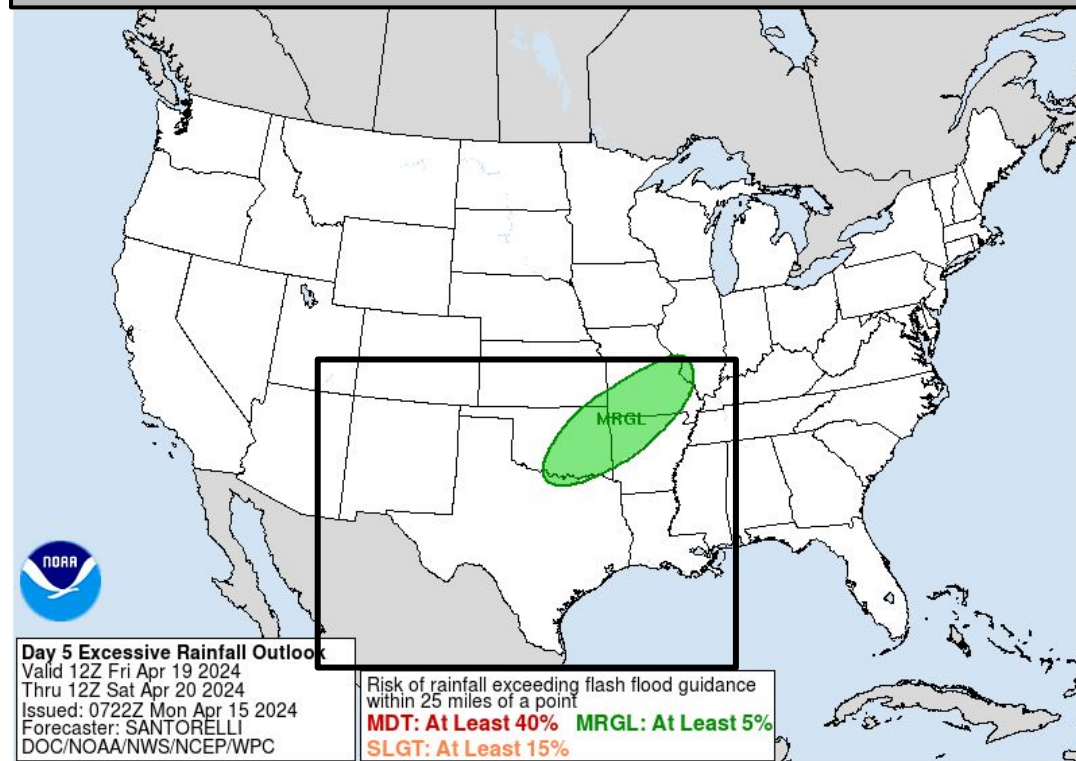


No significant weather expected.

Severe Weather Outlook



Excessive Rainfall Outlook

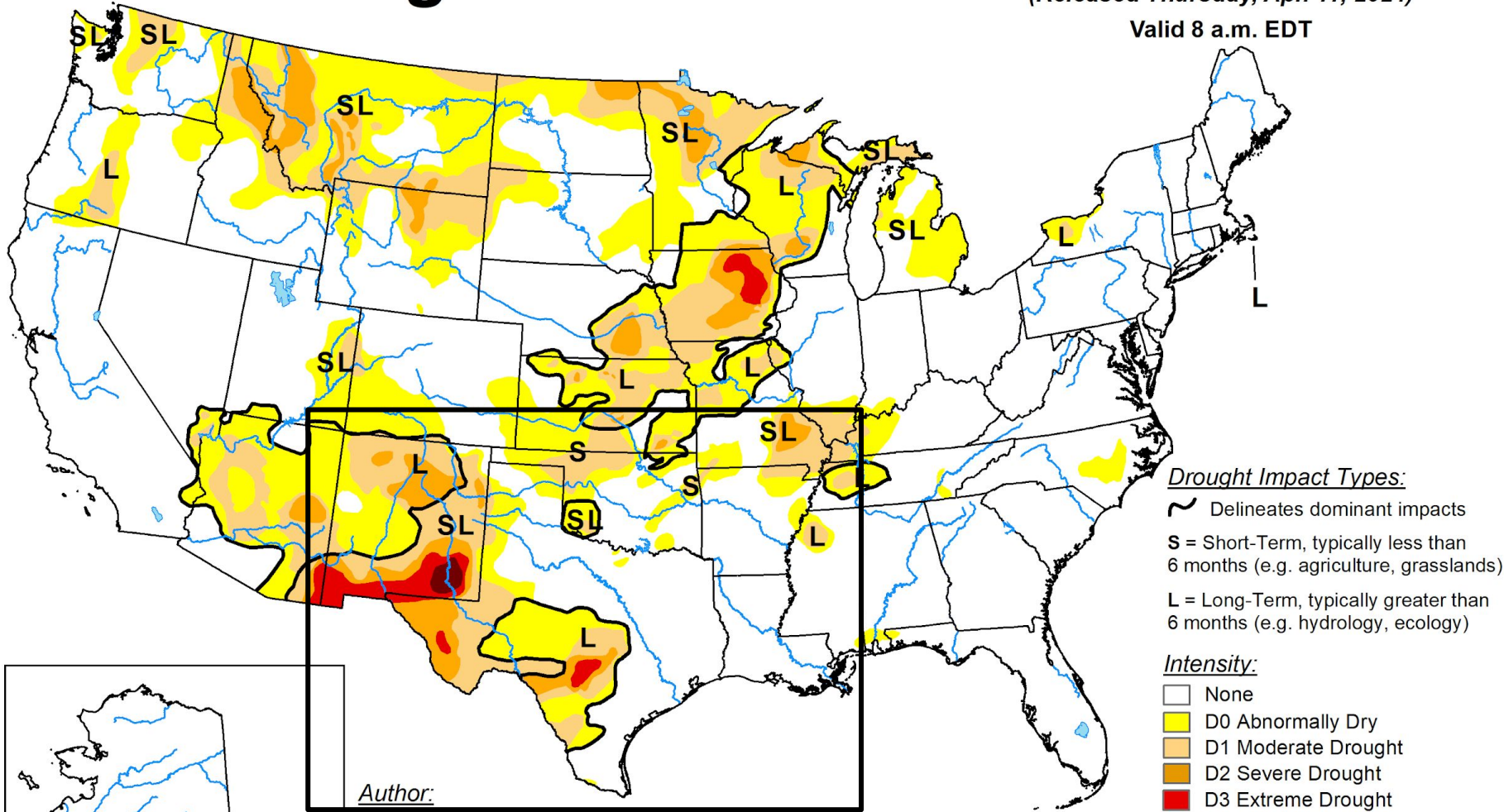




Drought Monitor

U.S. Drought Monitor

April 9, 2024
(Released Thursday, Apr. 11, 2024)
Valid 8 a.m. EDT



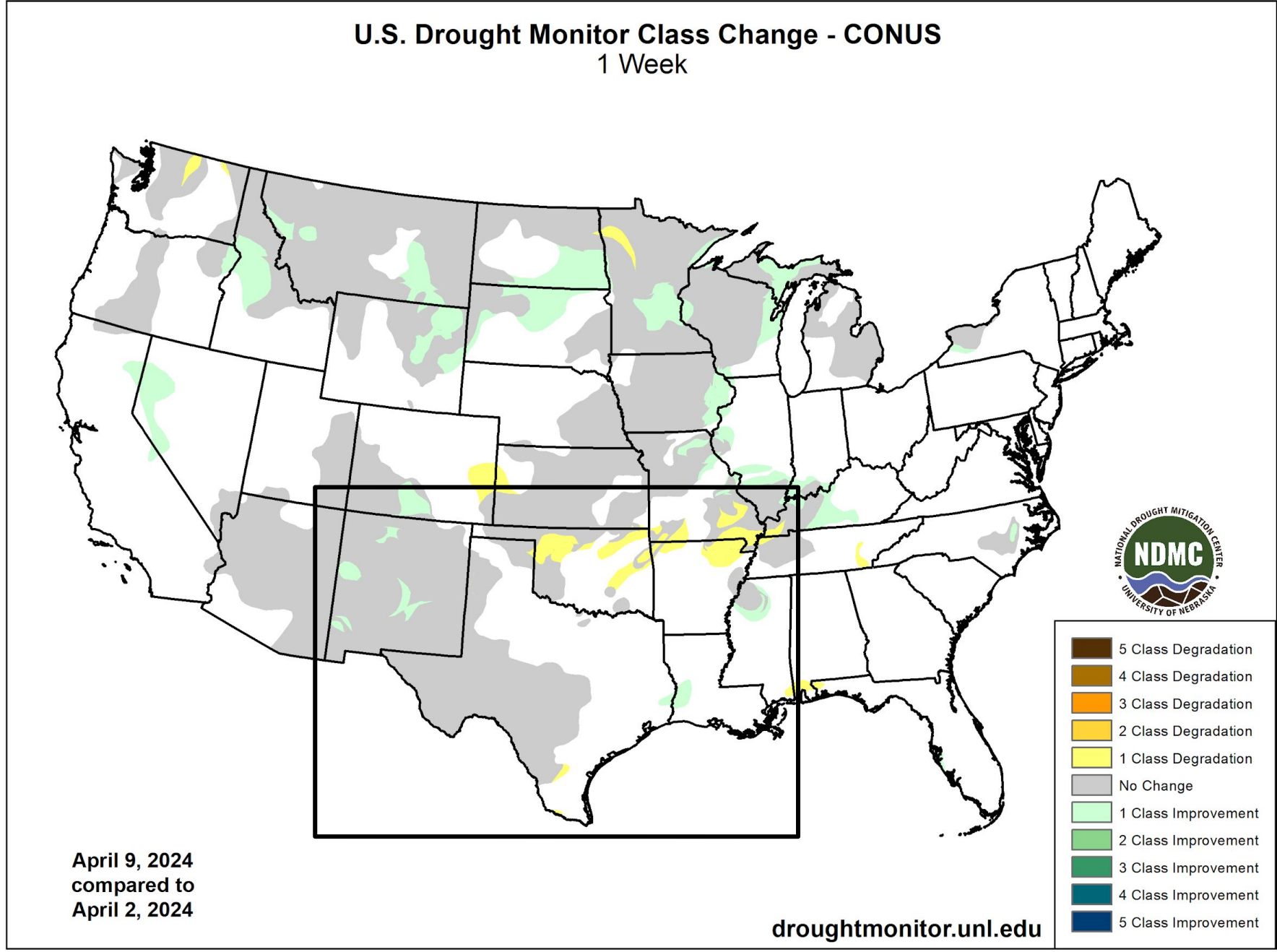
Author:
Brad Pugh
CPC/NOAA

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



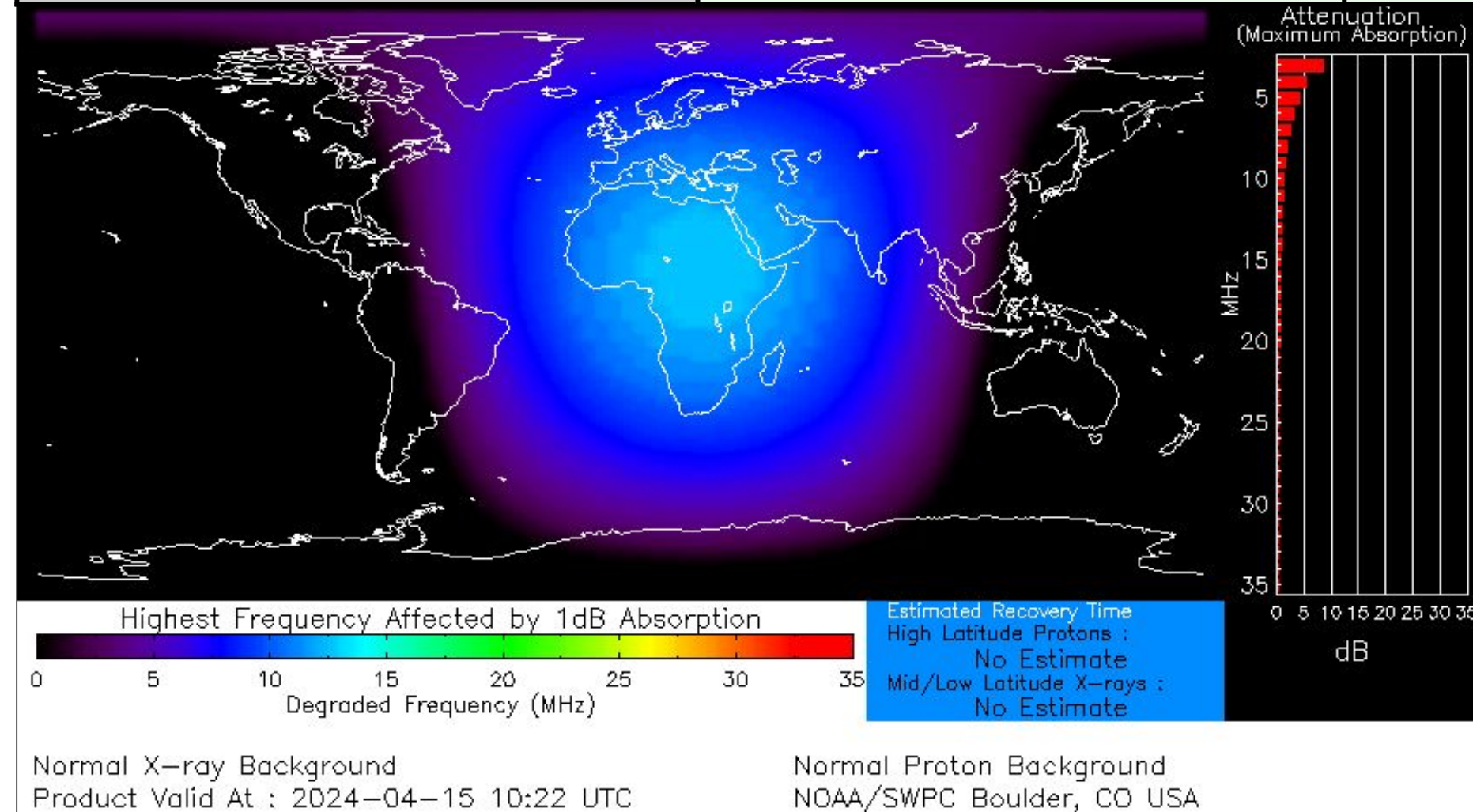
April 9, 2024
compared to
April 2, 2024

droughtmonitor.unl.edu



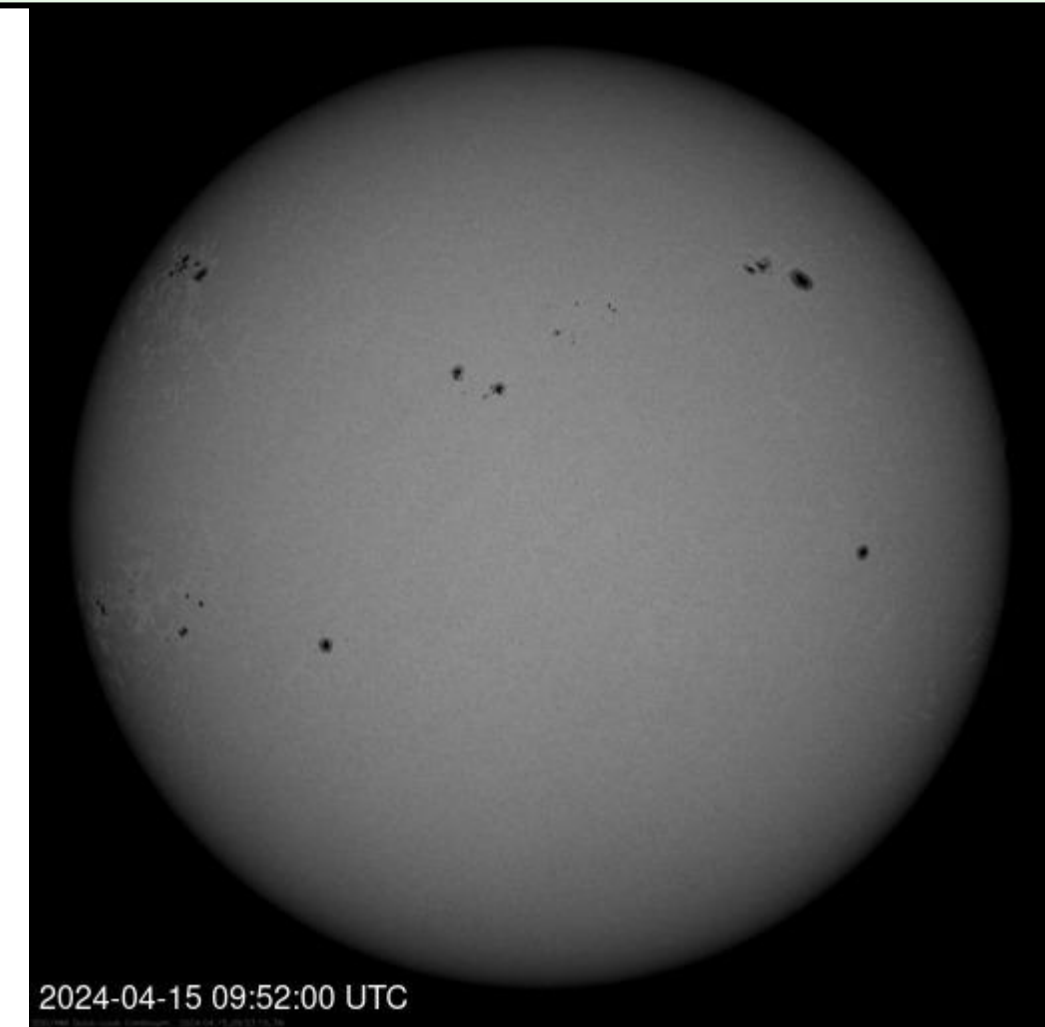
Space Weather 3-Day Forecast

	Monday, Apr 15	Tuesday, Apr 16	Wednesday, Apr 17
Geomagnetic Storms	Unsettled (Max Kp = 3)	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	45%	45%	45%
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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