



FEMA



Prepared by
Brian Hoeth

FEMA Region 6 Weather Threat Briefing

Thursday, April 04, 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

- **Elevated to critical fire weather conditions for parts of NM today expanding into W/NW TX, W OK, and TX/OK Panhandles Friday through the weekend.**
- **Slight risk of severe storms late Monday afternoon and evening (after the eclipse) in SE OK, S AR, N TX, and N LA.**
- **Isolated minor river flooding continues in E TX and LA.**



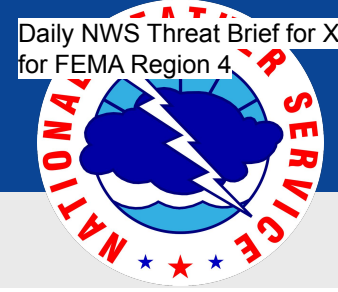
FEMA Region 6 Threat Matrix

Next 5 Days

	Thursday, Apr 4	Friday, Apr 5	Saturday, Apr 6	Sunday, Apr 7	Monday, Apr 8
Severe Storms			OK		SE OK, SW AR, NE TX, NW LA
Heavy Rain / Flash Flooding					
Fire Weather	NM	NM, W/NW TX, TX/OK Panhandles, W OK	NM, W/NW TX, TX/OK Panhandles, W OK	NM, W/NW TX, TX Panhandle, W OK	S NM, W TX
Cold					
Winter Weather					
River Flooding	ETX, LA	ETX, LA	ETX, LA	ETX, LA	LA

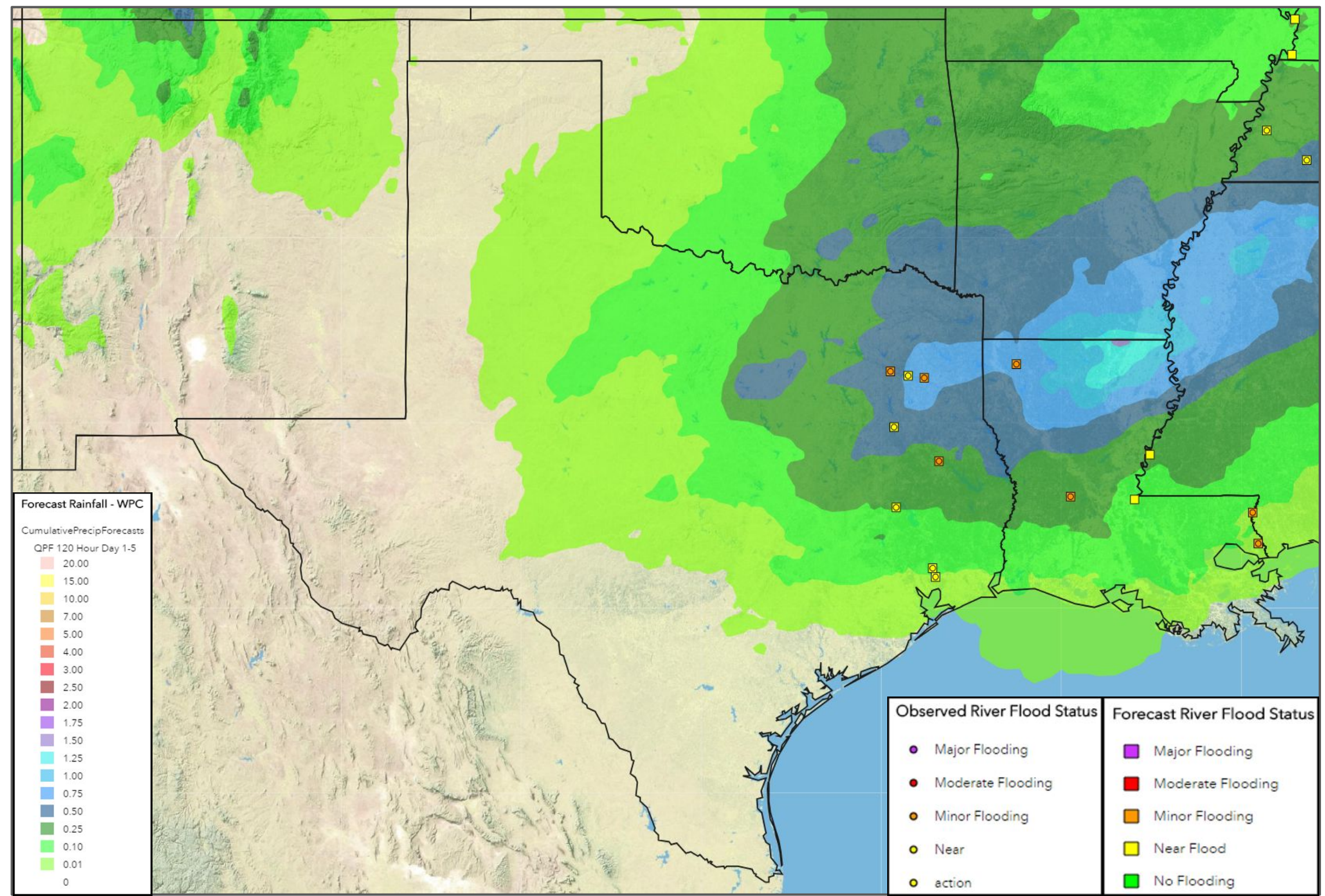
**Threat levels are based on FEMA Region 6 criteria.
State or local threat level criteria may differ.*
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

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



Isolated minor river flooding continues in E TX and LA.

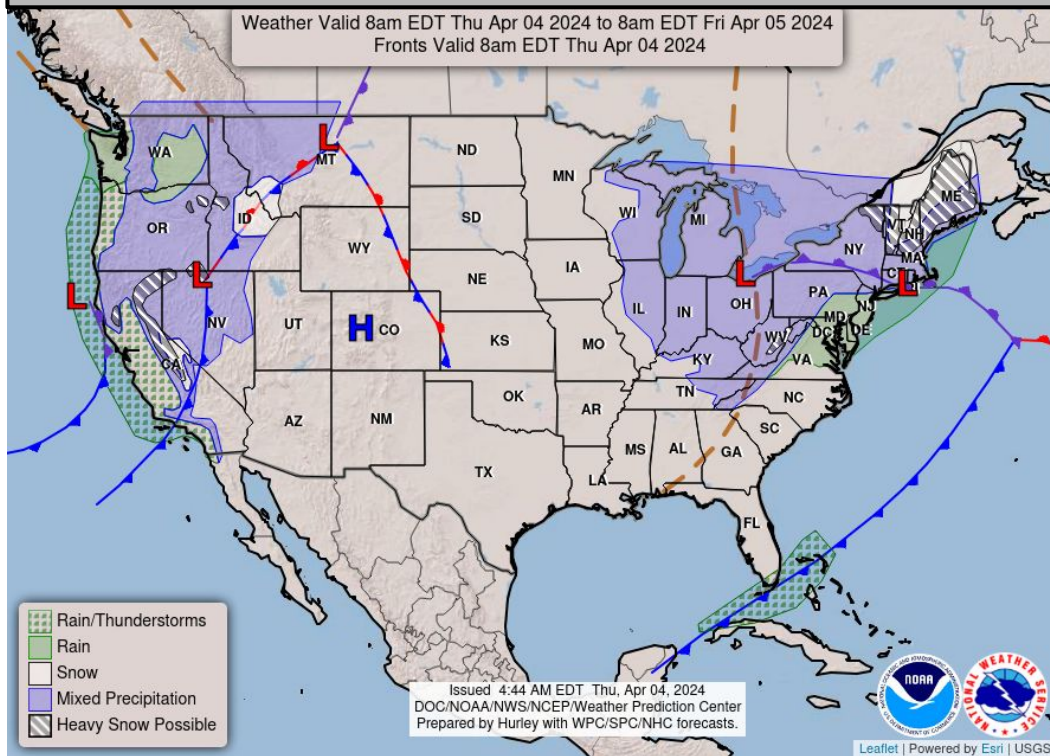
Flooding of lowlands, agricultural lands, and secondary roads.

Approximately 20 homes threatened near the gauge along the Pearl River in SE LA.

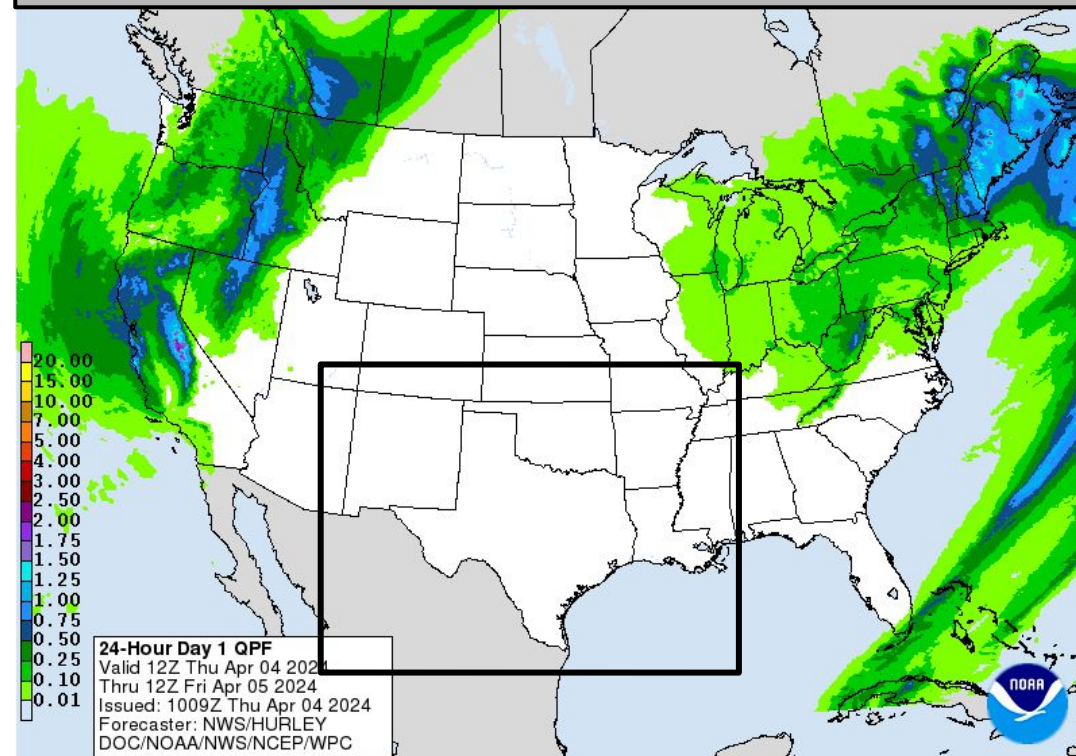


Today's Weather

Forecast Chart

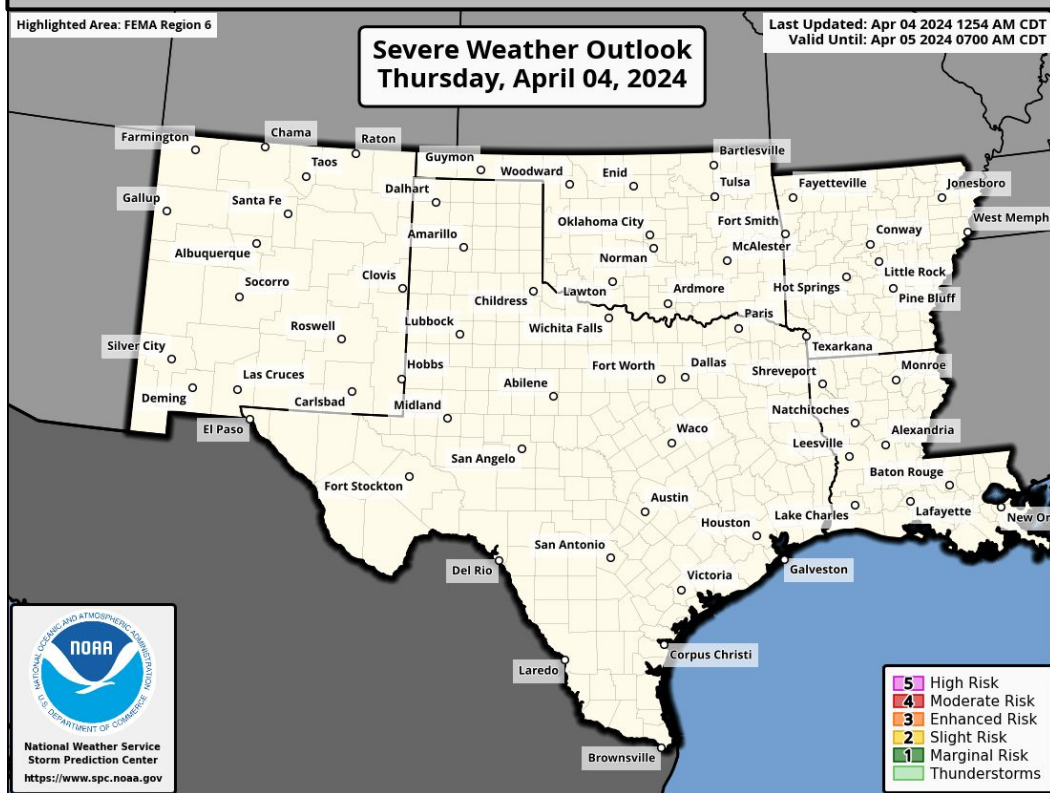


Forecast Rainfall

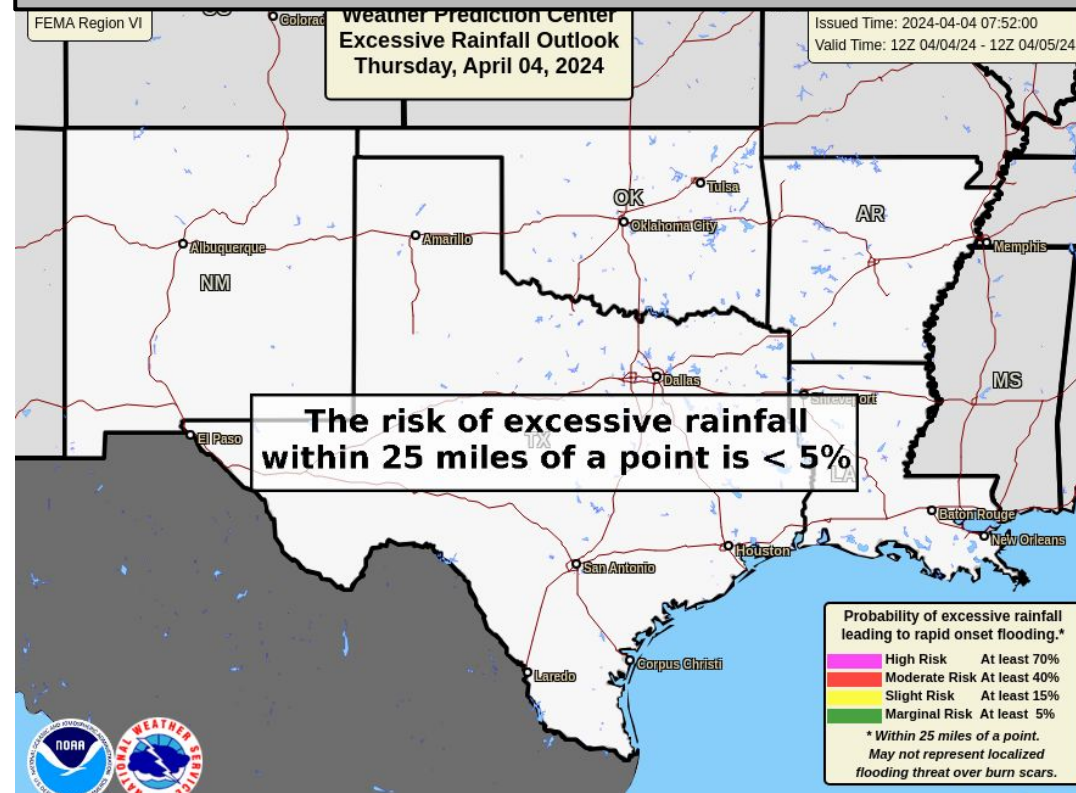


Elevated to critical fire weather conditions for parts of NM.

Severe Weather Outlook



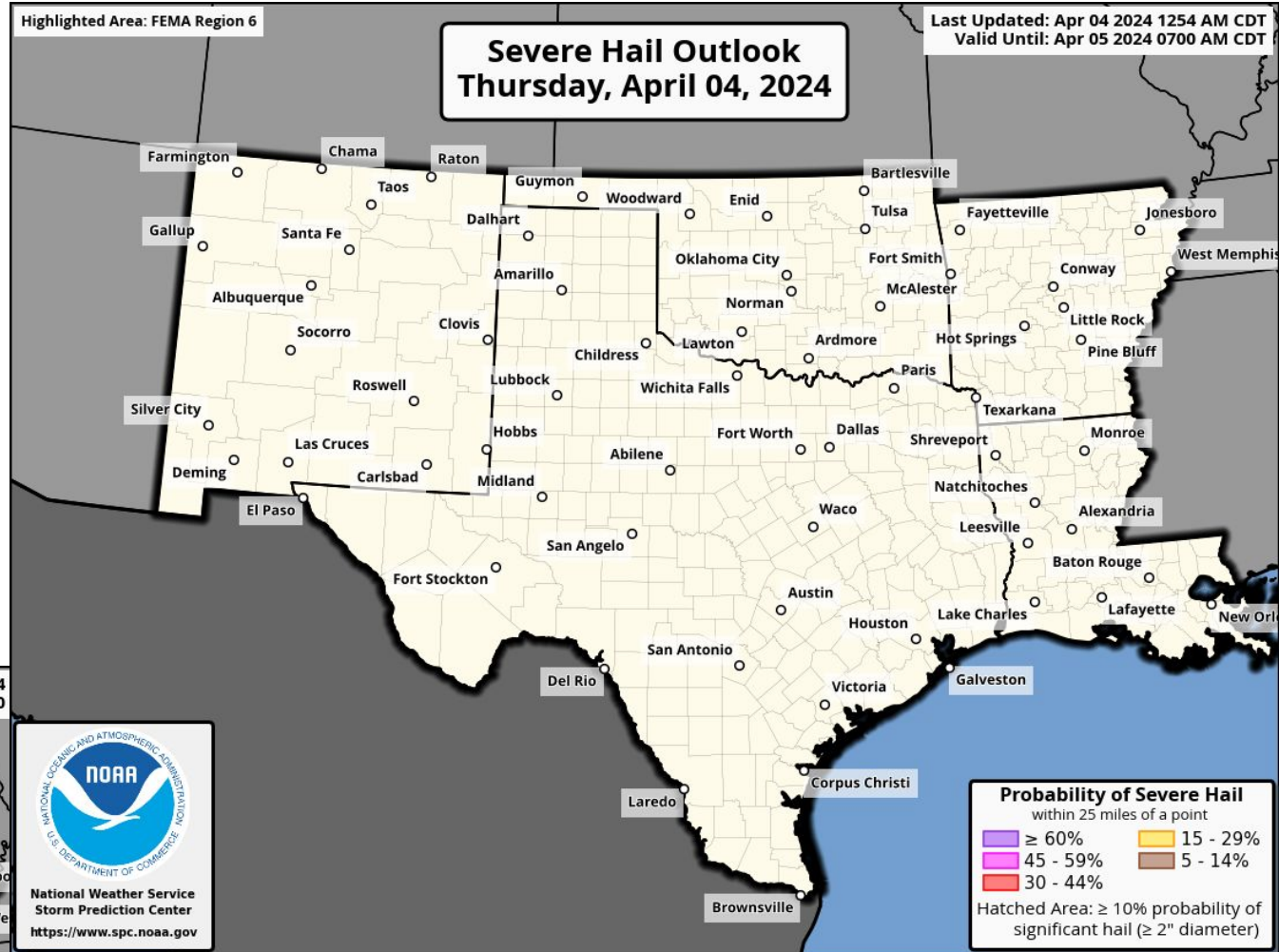
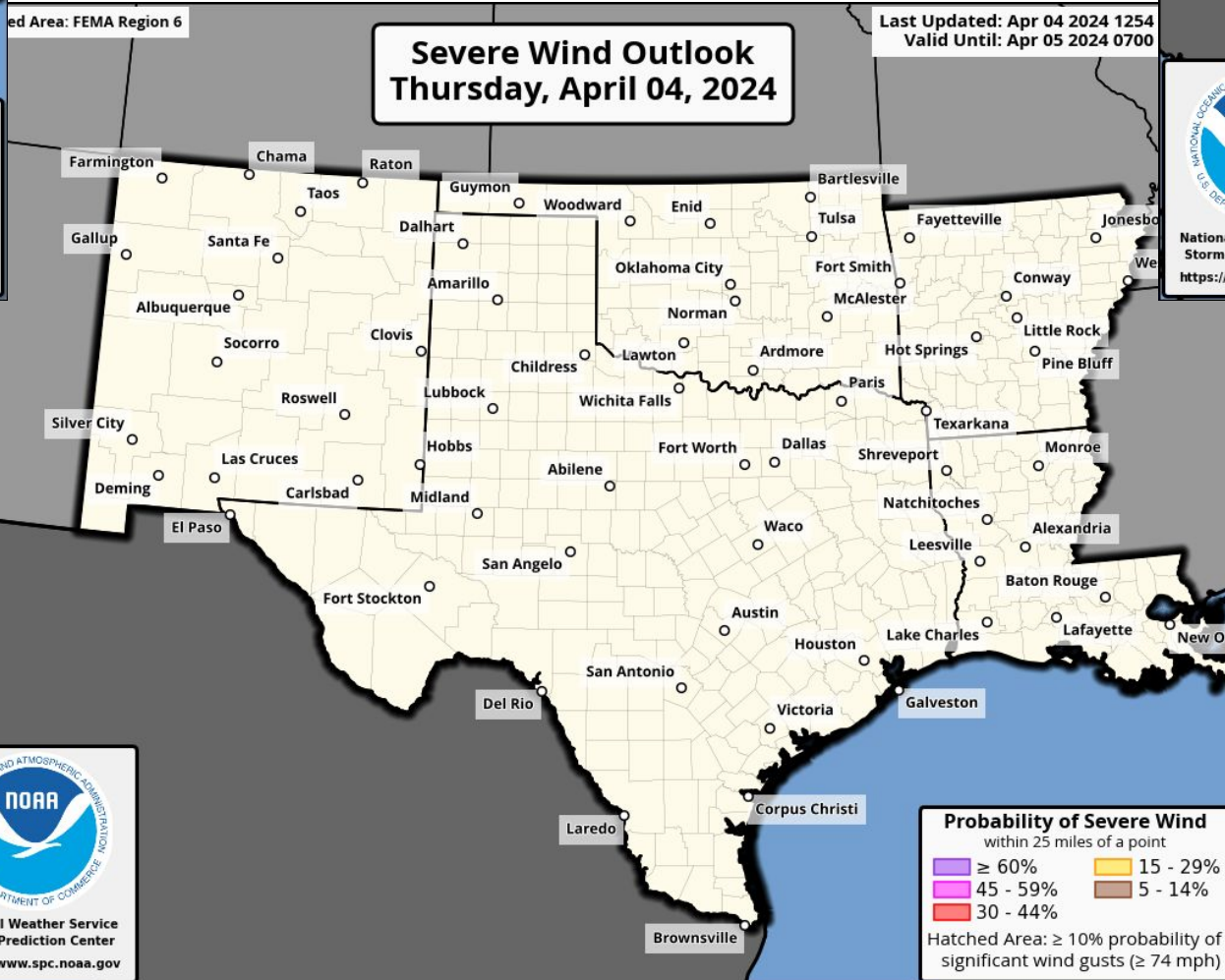
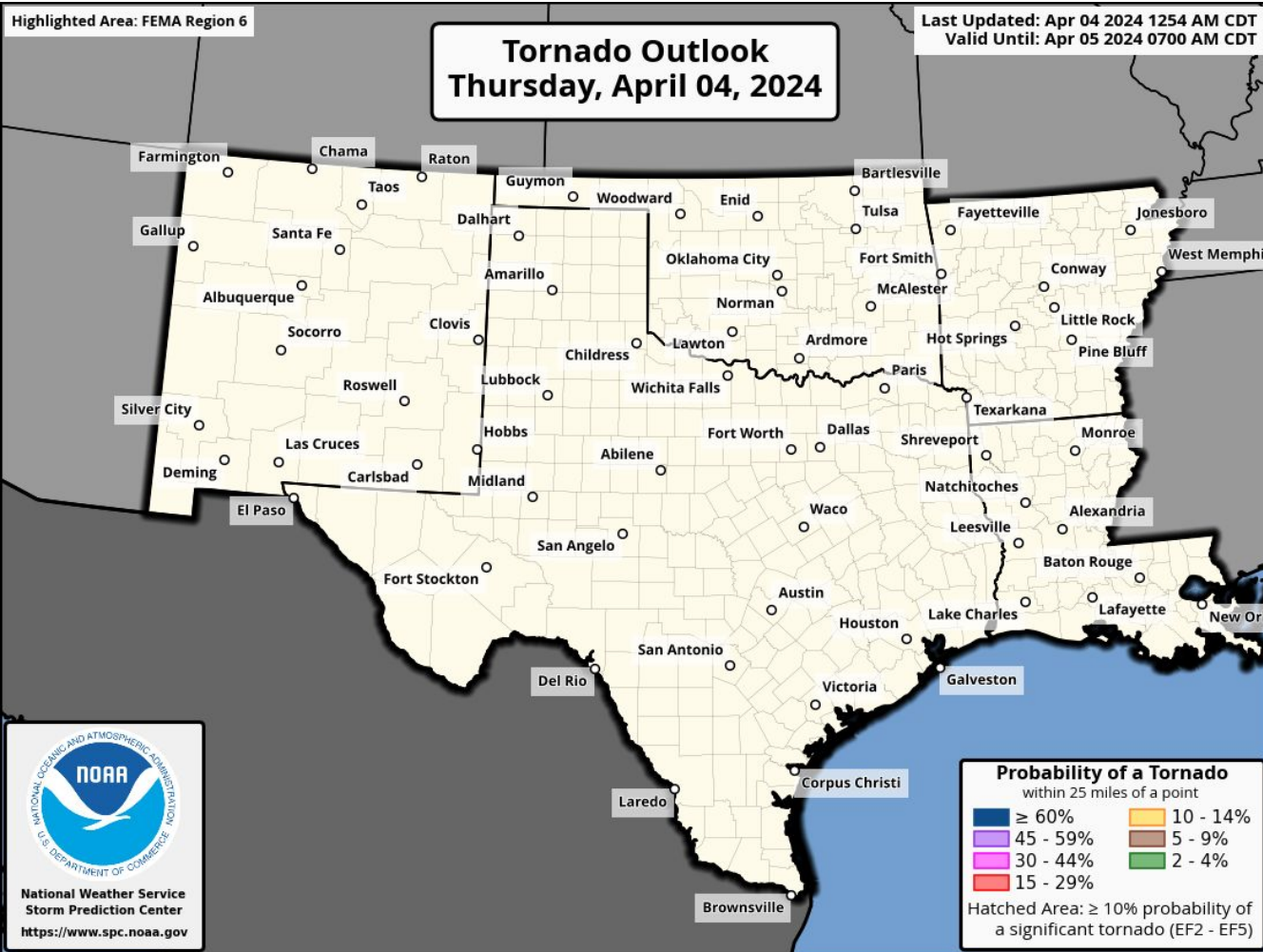
Excessive Rainfall Outlook





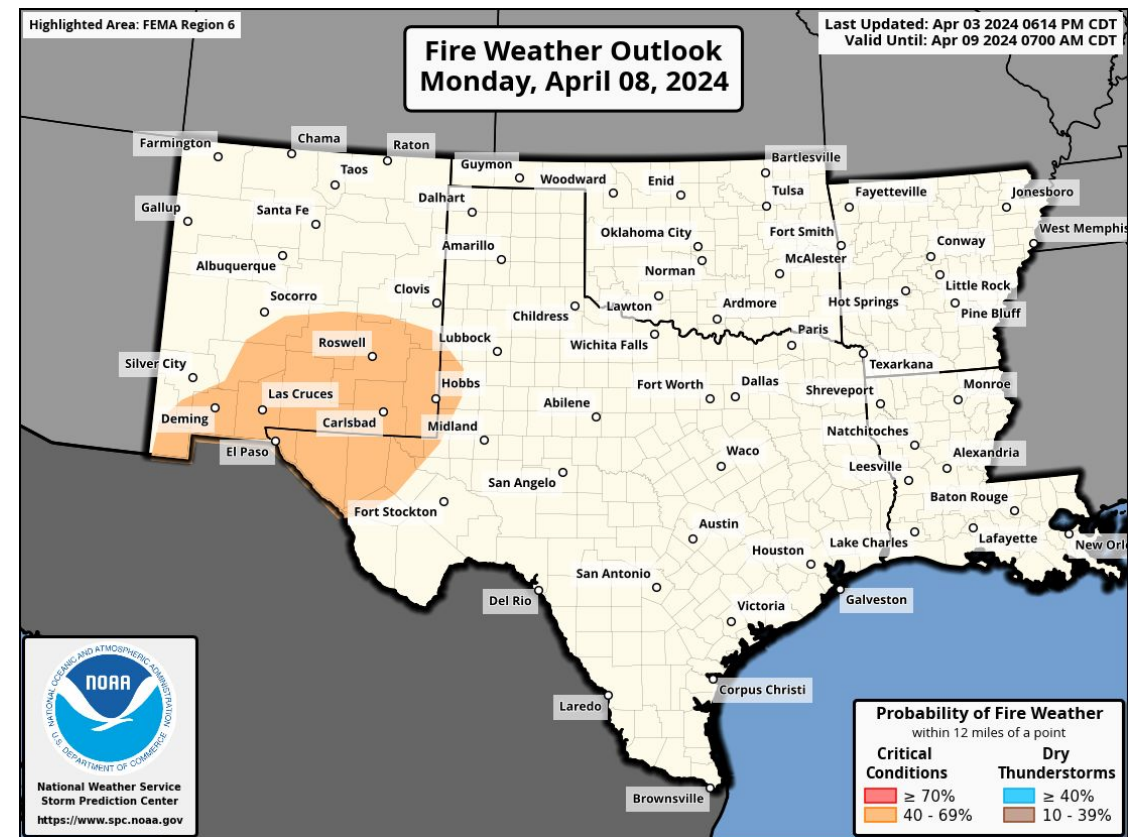
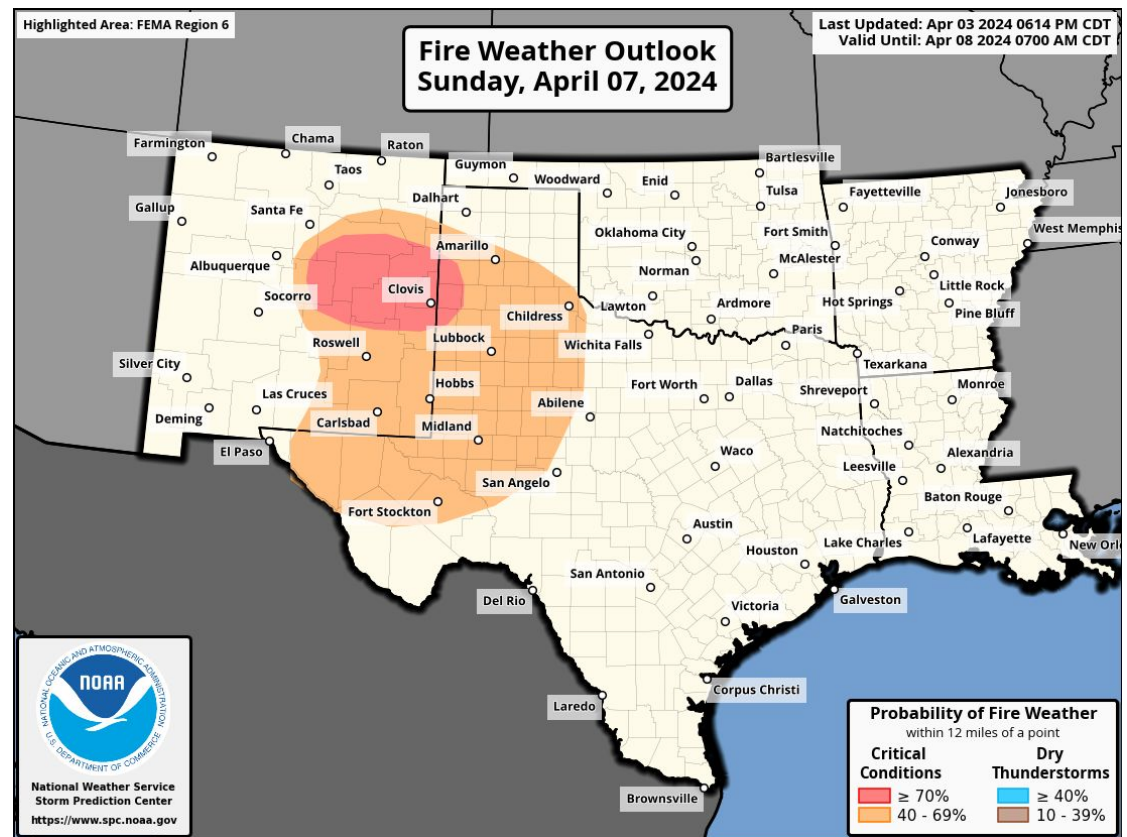
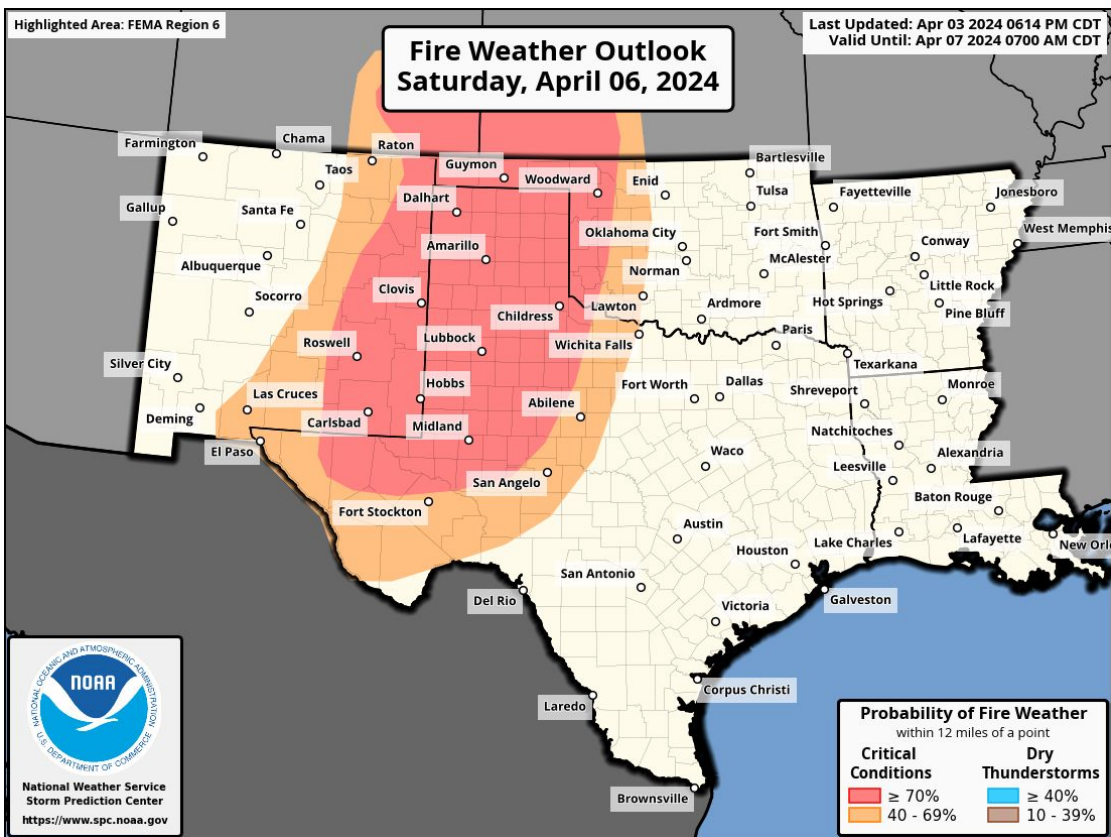
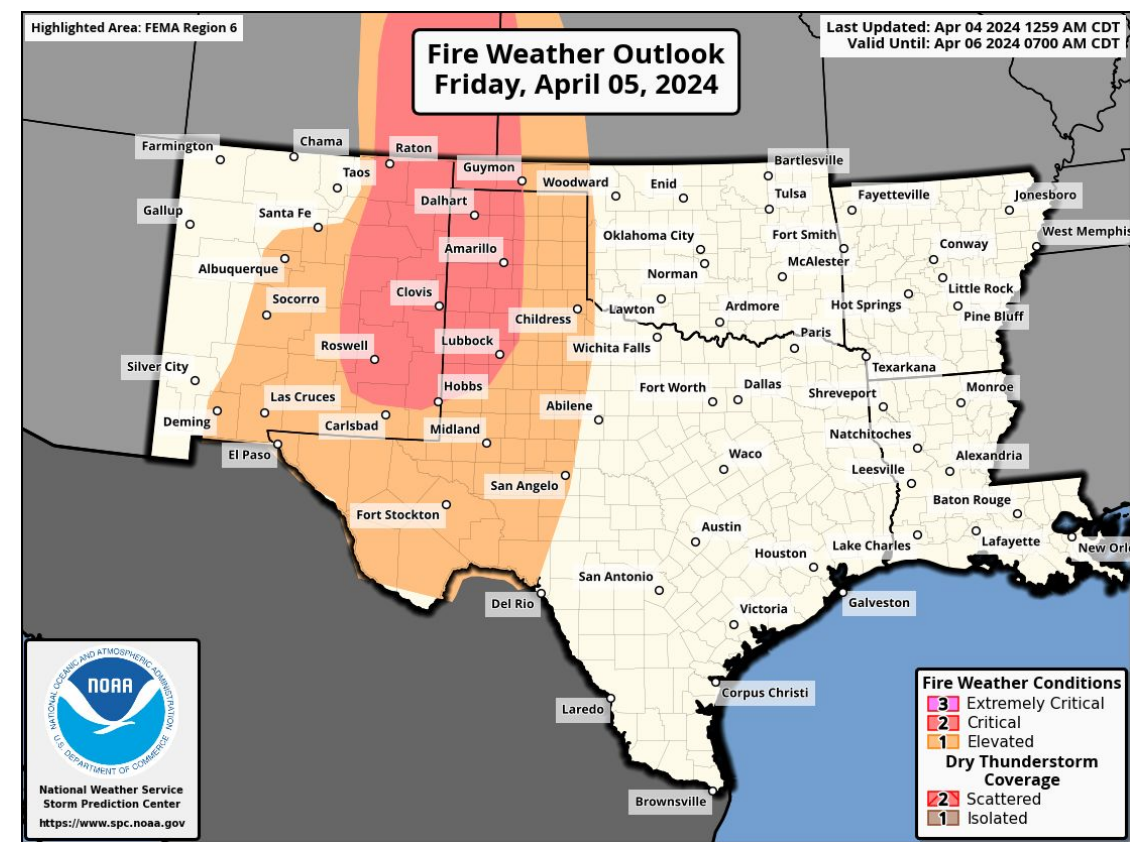
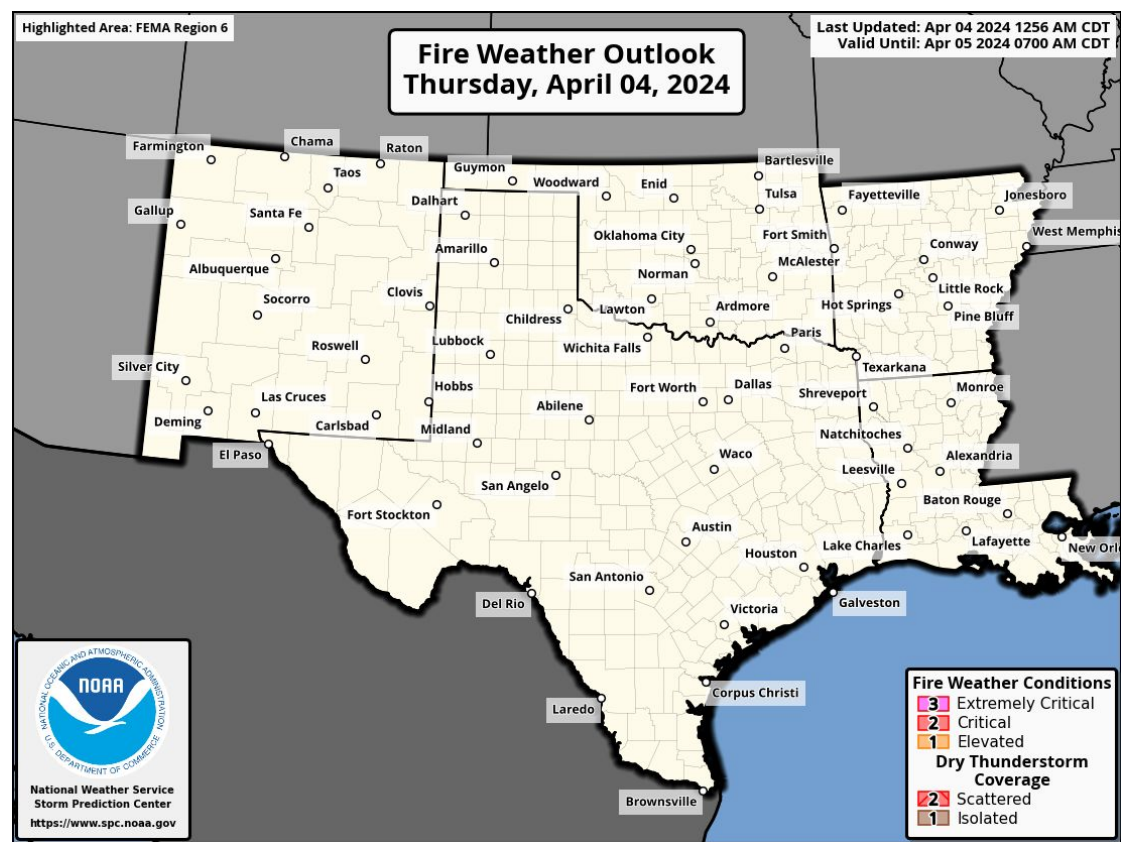
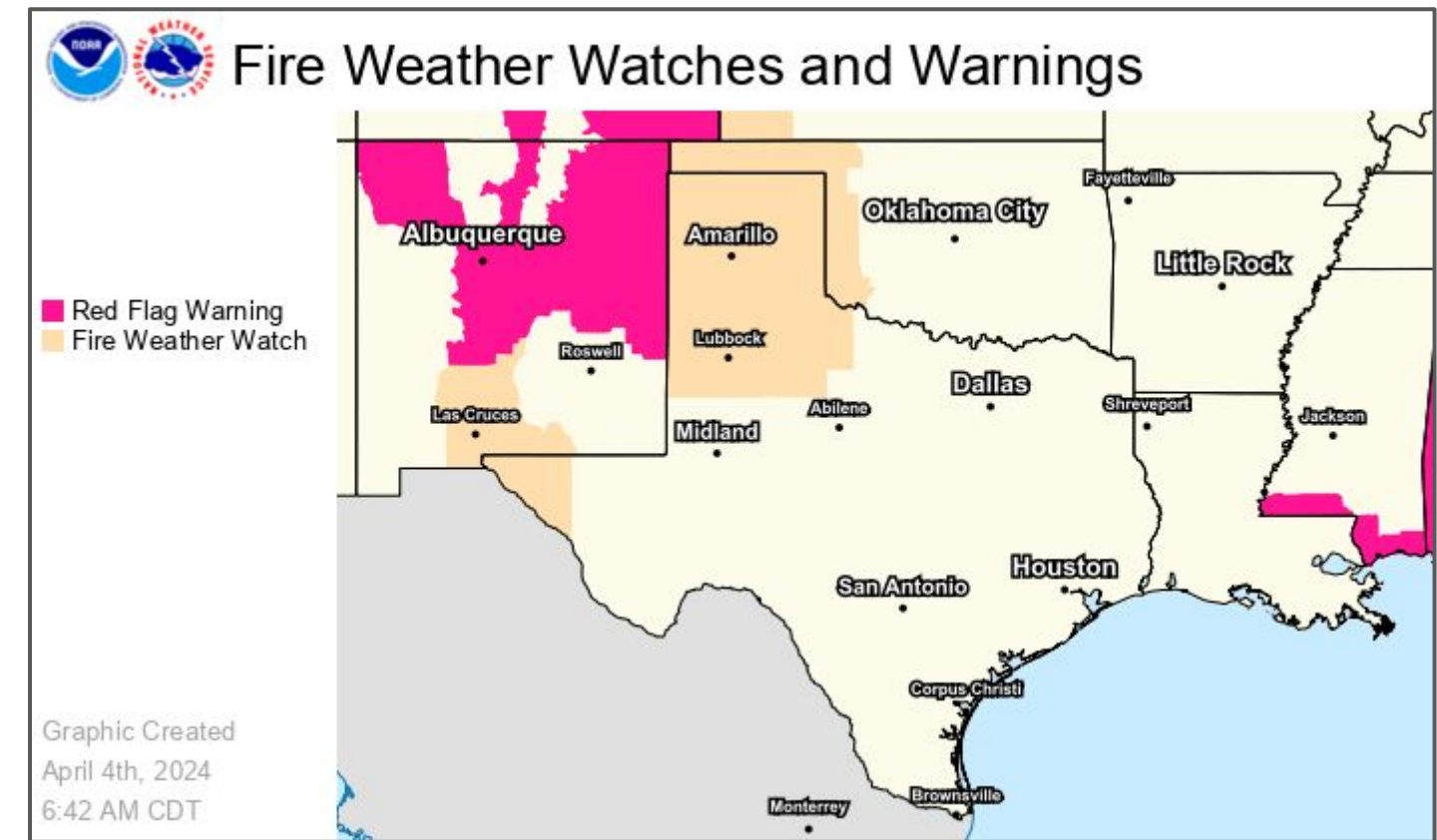
Today's Tornado & Severe Wind / Hail Probabilities

April 4, 2024





Fire Weather Outlooks





Winter Weather

Through the next 3 days



Forecast Snowfall

Valid Ending Sunday April 7th, 2024 at 7 AM CDT

- Less than an inch
- 1 to 2 inches
- 2 to 3 inches
- 3 to 4 inches
- 4 to 6 inches
- 6 to 8 inches
- 8 to 12 inches
- 12 to 18 inches
- 18 to 24 inches
- 24 to 30 inches
- 30 to 36 inches
- Greater than 36 inches



Graphic Created
April 4th, 2024
6:21 AM CDT



Ice Accumulation Forecast

Valid Ending Sunday April 7th, 2024 at 7 AM CDT

- 0.01 to 0.10 inch
- 0.10 to 0.25 inch
- 0.25 to 0.50 inch
- 0.50 to 0.75 inch
- 0.75 to 1.0 inch
- 1.0 to 2.0 inch
- Greater than 2.0 inch



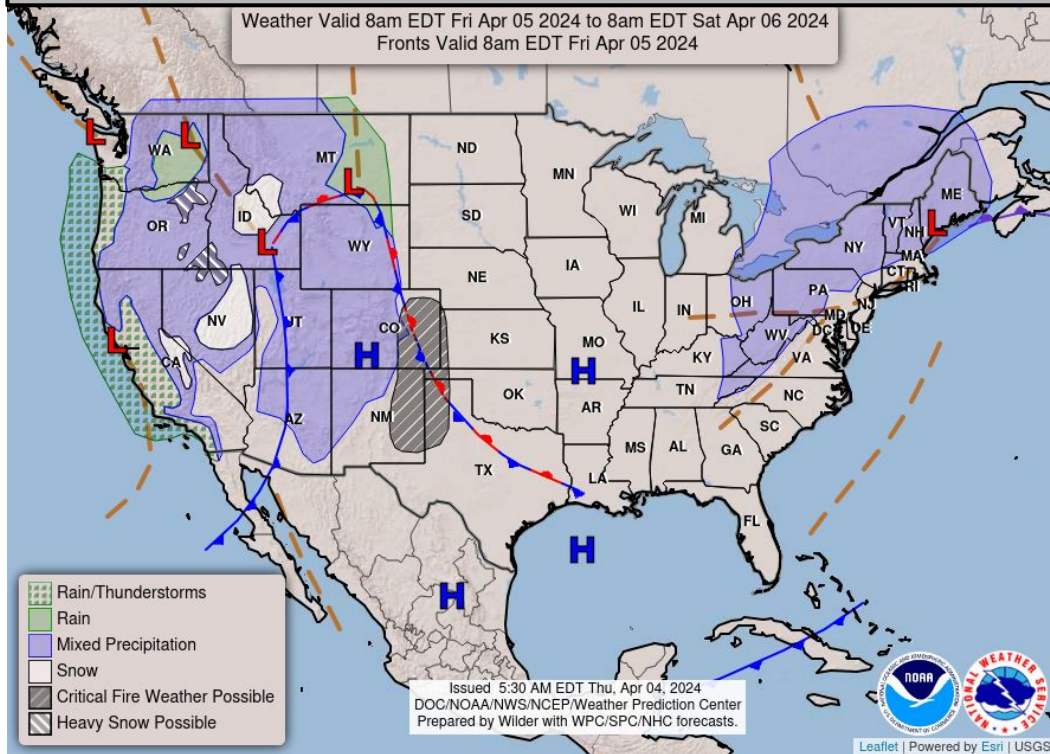
Graphic Created
April 4th, 2024
6:21 AM CDT



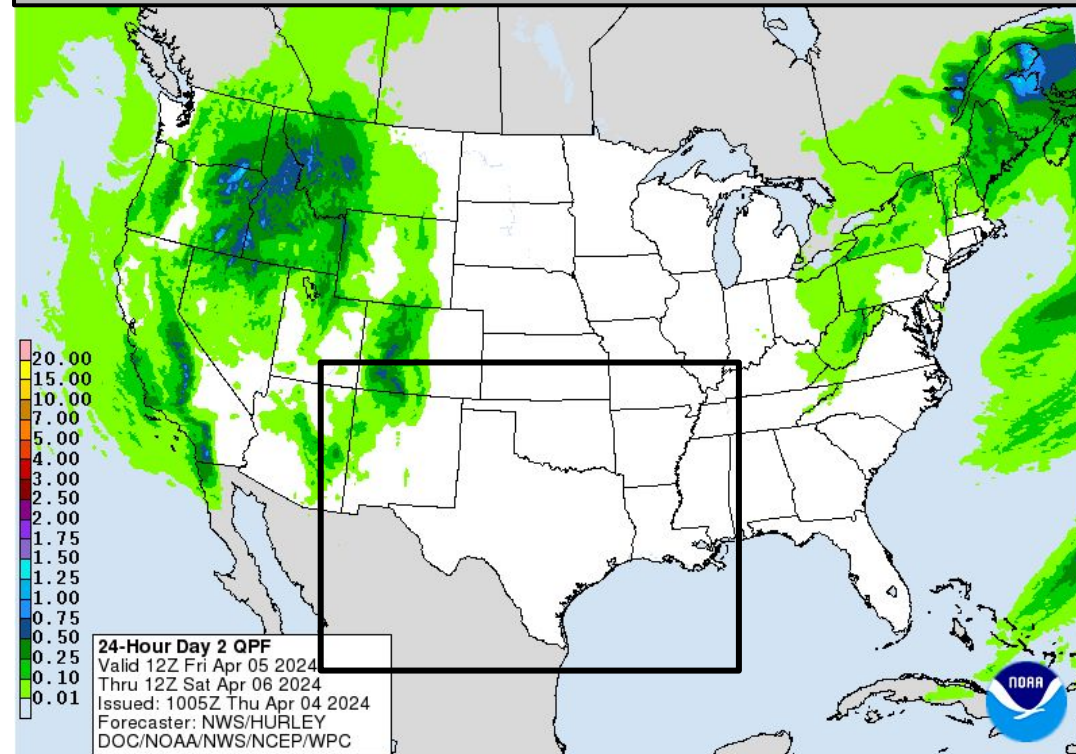


Tomorrow's Weather

Forecast Chart

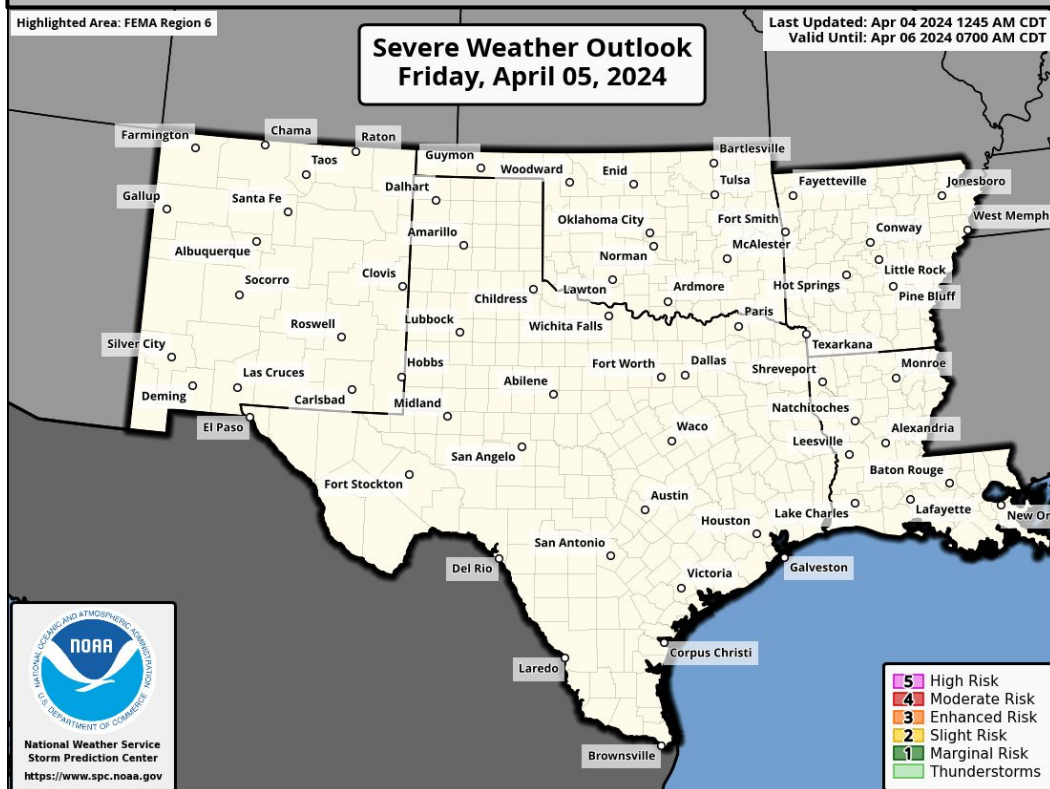


Forecast Rainfall

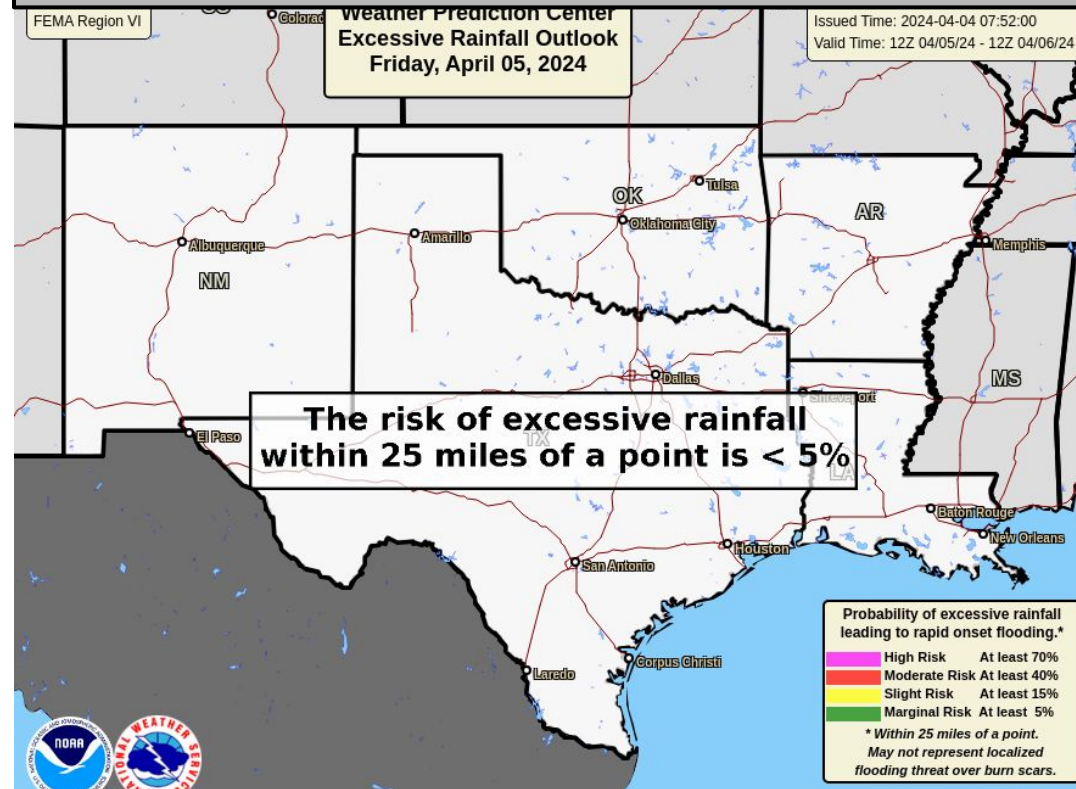


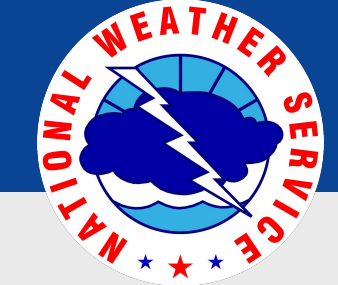
Elevated to critical fire weather conditions for NM, W/NW TX, W OK, and TX/OK Panhandles.

Severe Weather Outlook

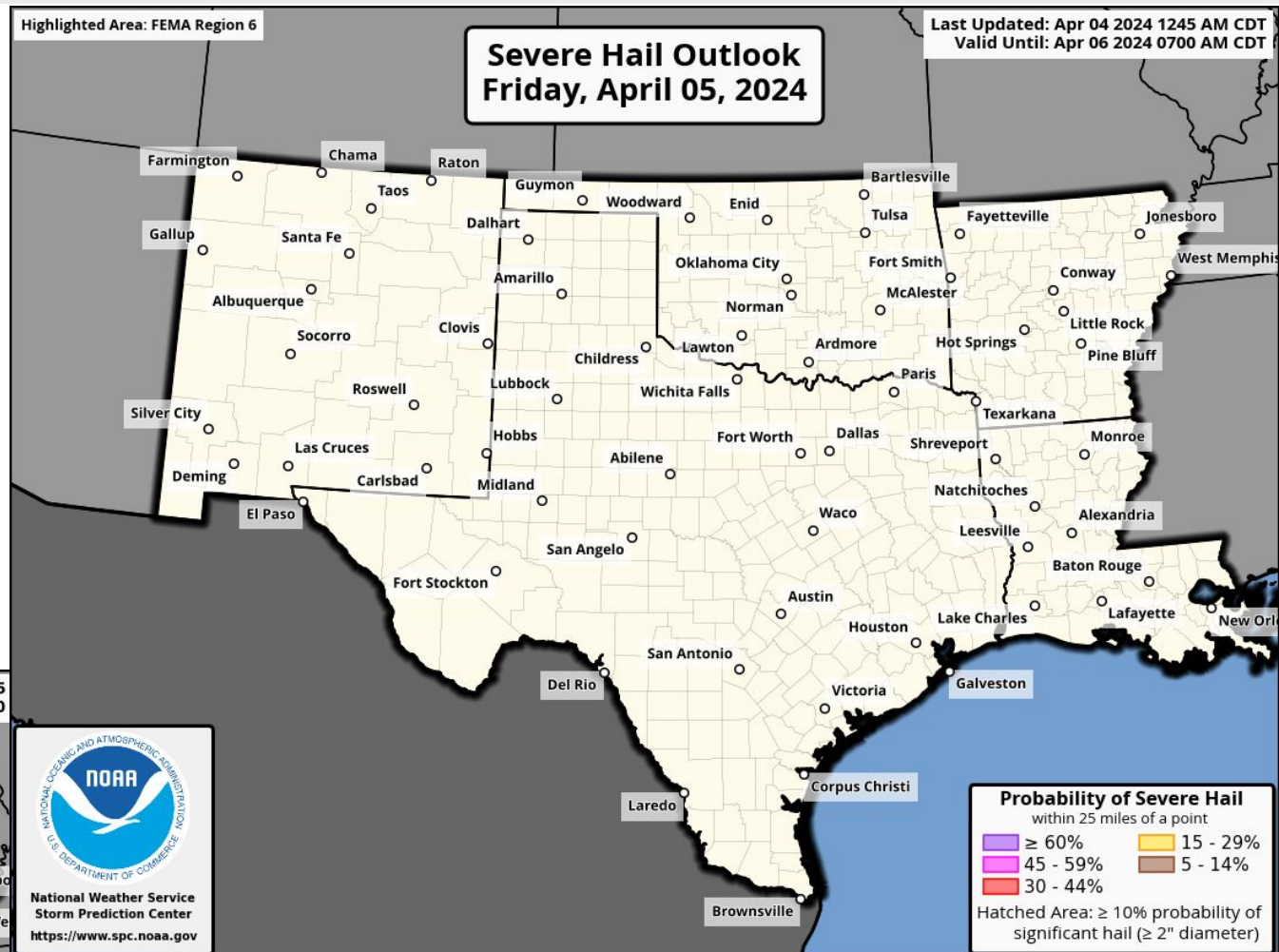
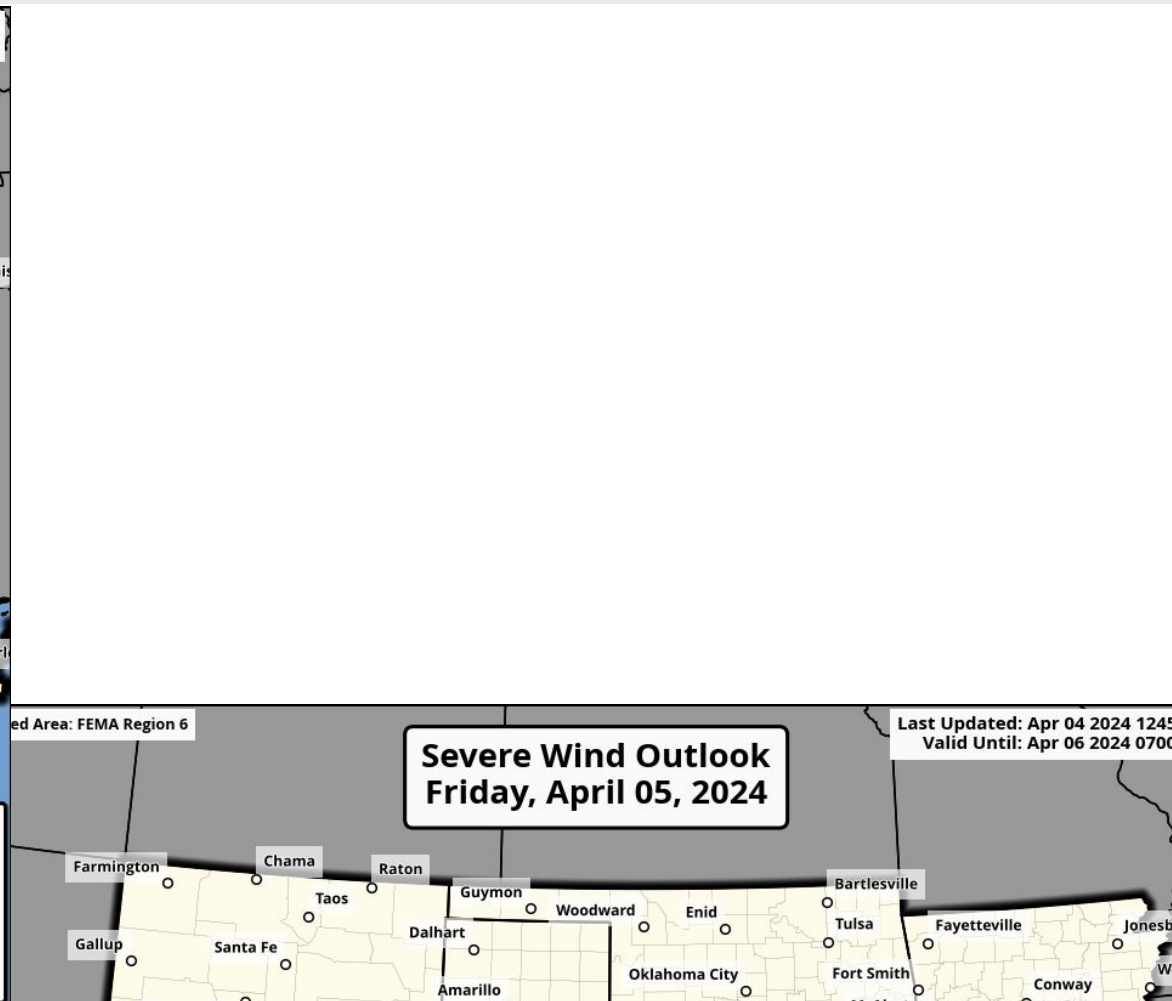
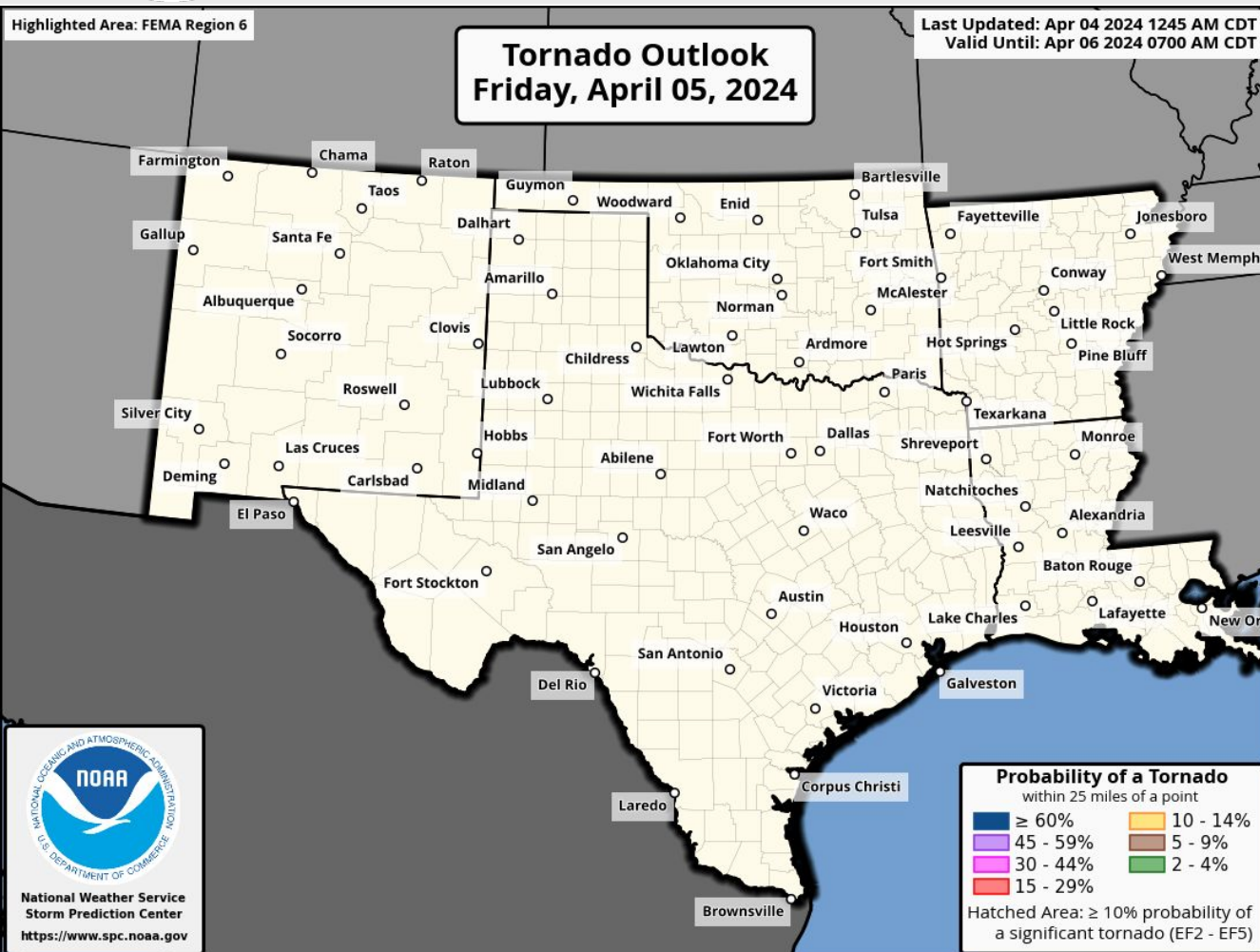


Excessive Rainfall Outlook



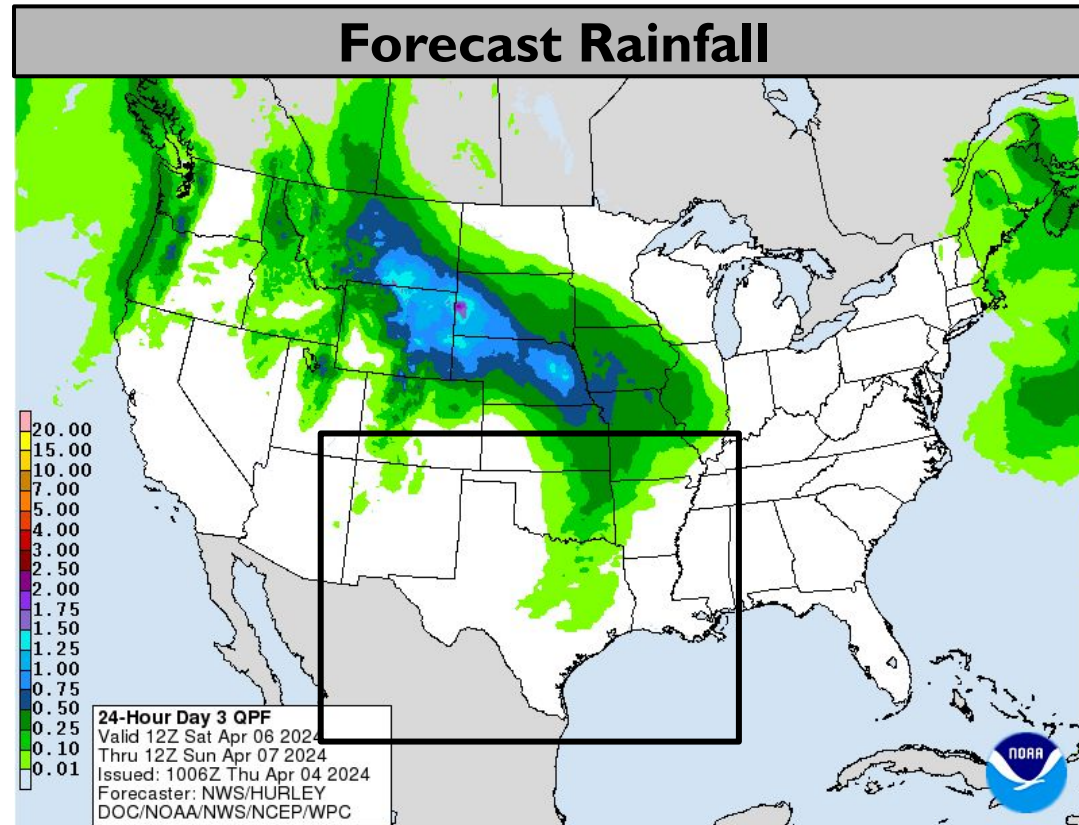
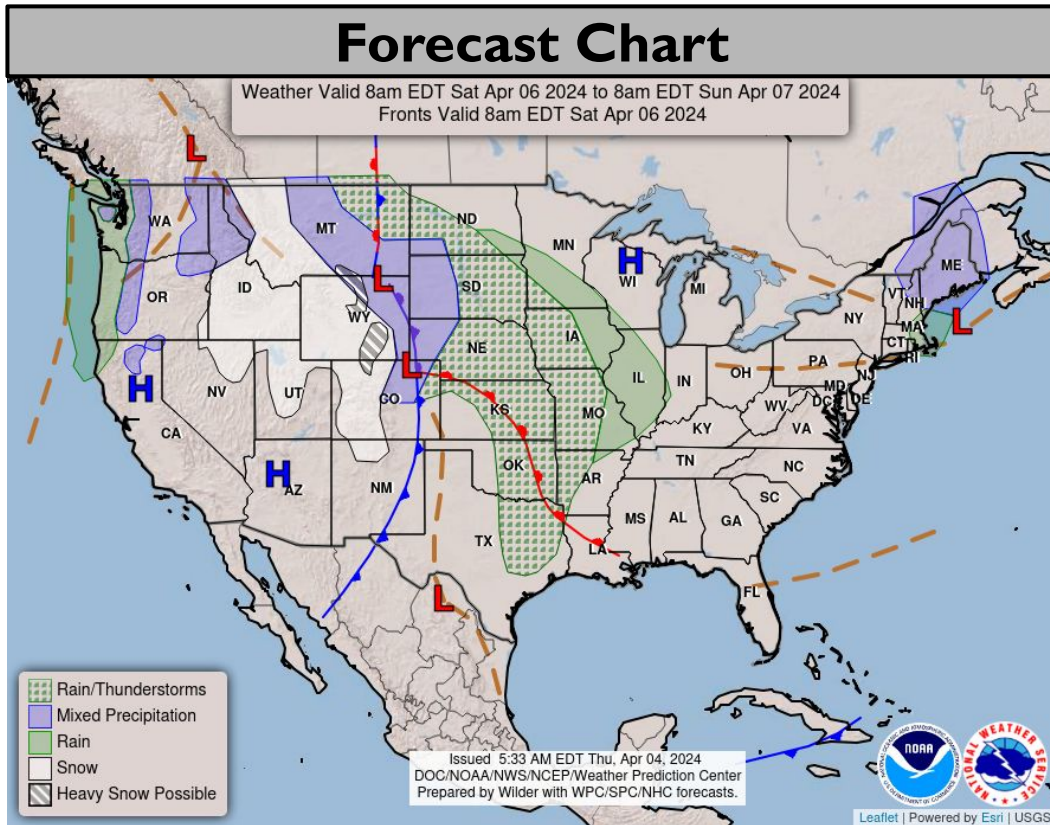


Tomorrow's Tornado & Severe Wind / Hail Probabilities



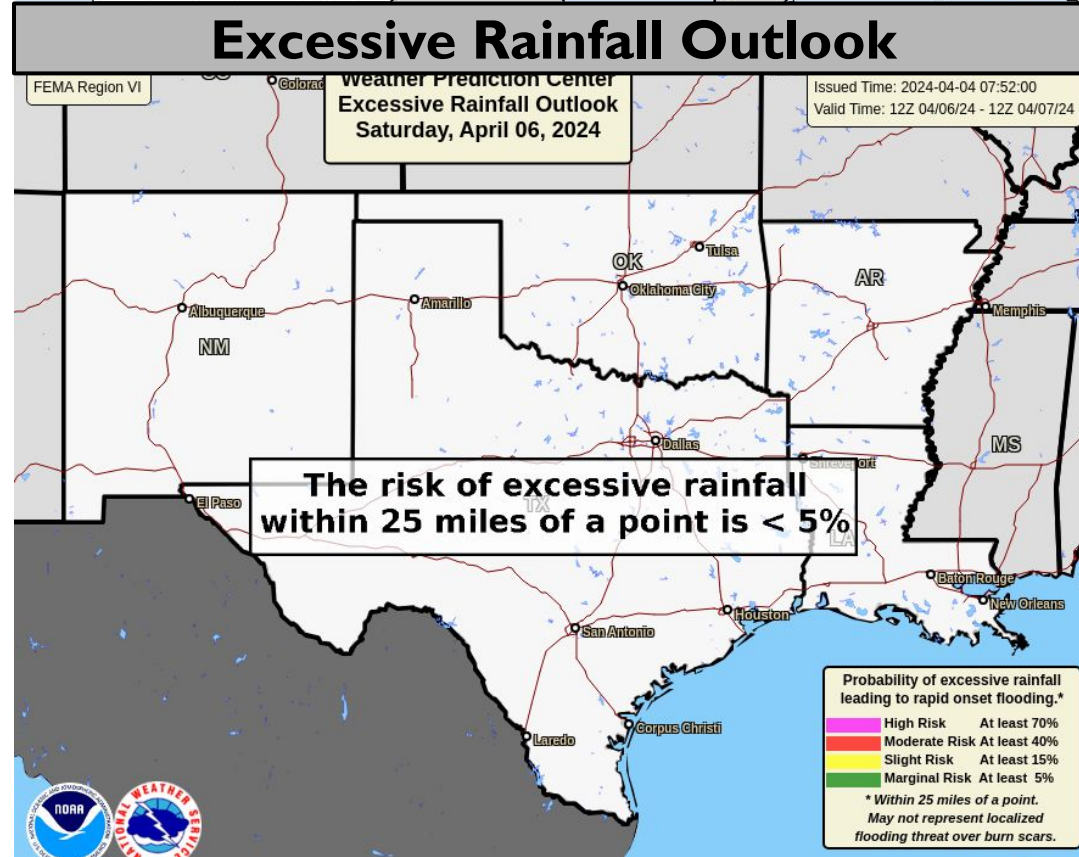
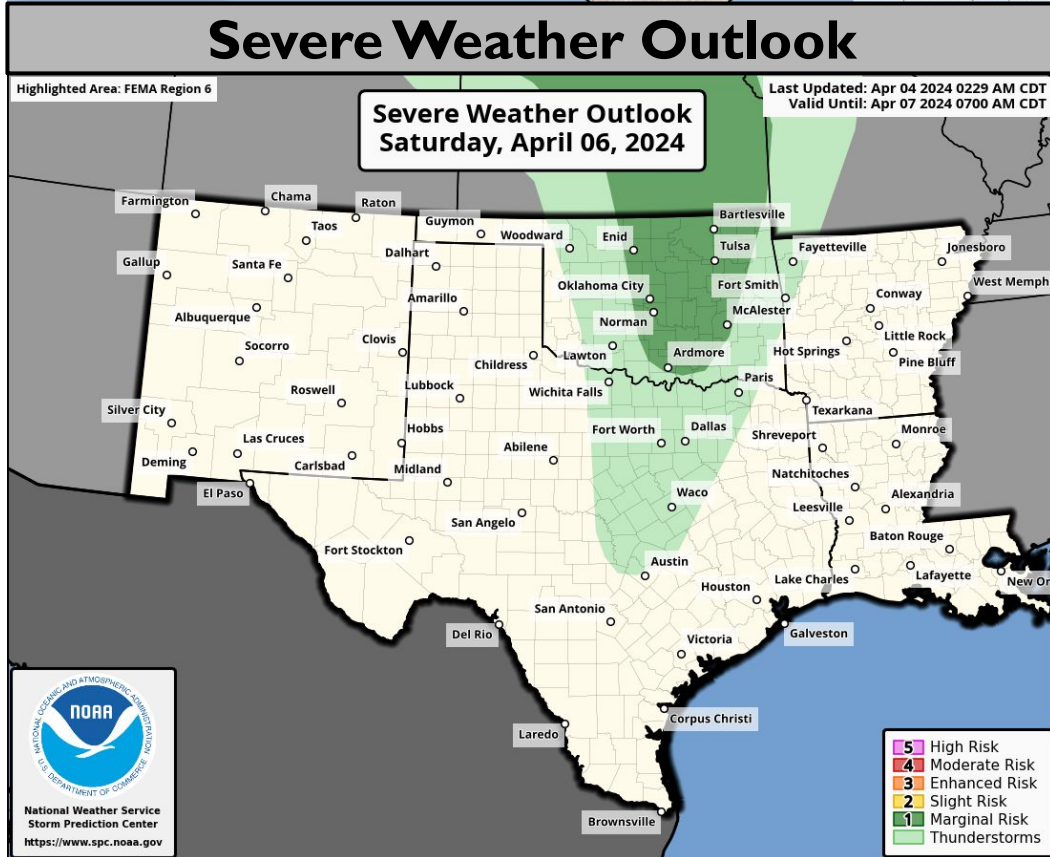


Saturday's Weather



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

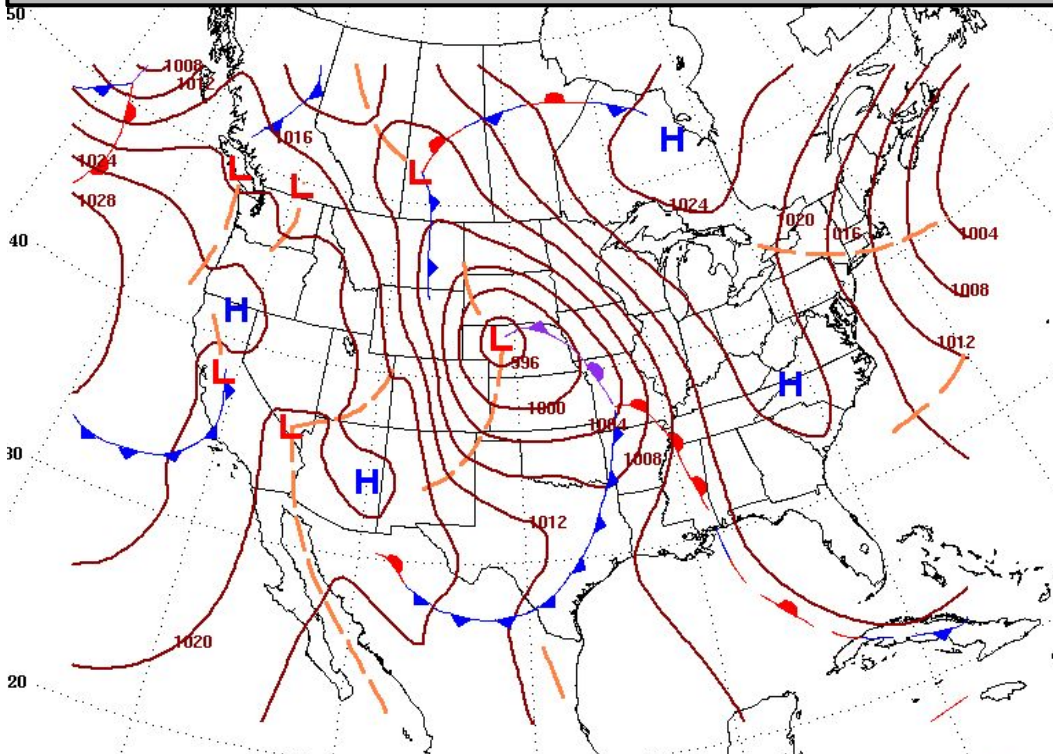
Marginal risk of severe storms for OK.



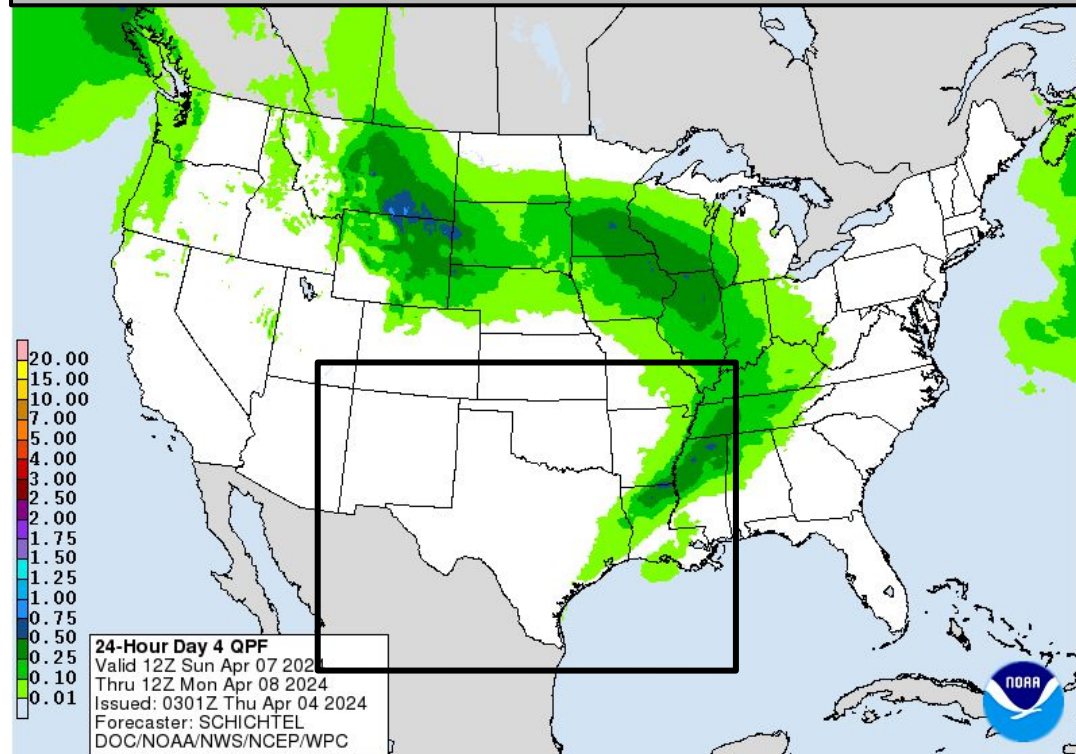


Sunday's Weather

Forecast Chart

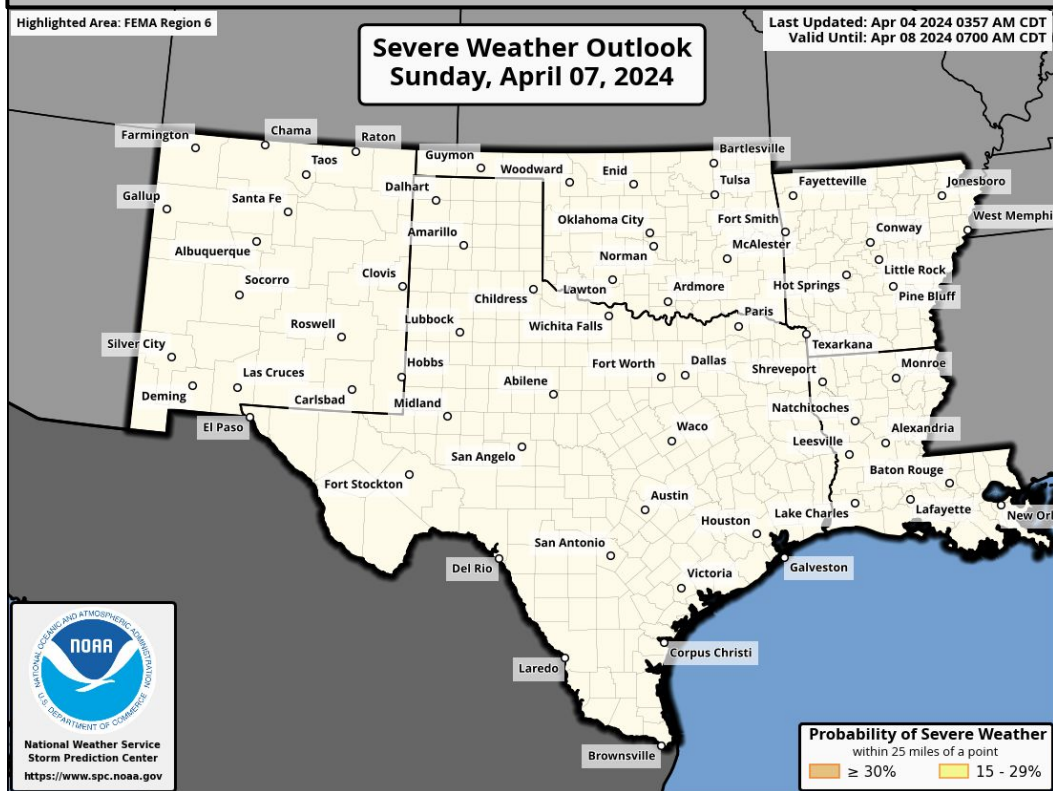


Forecast Rainfall

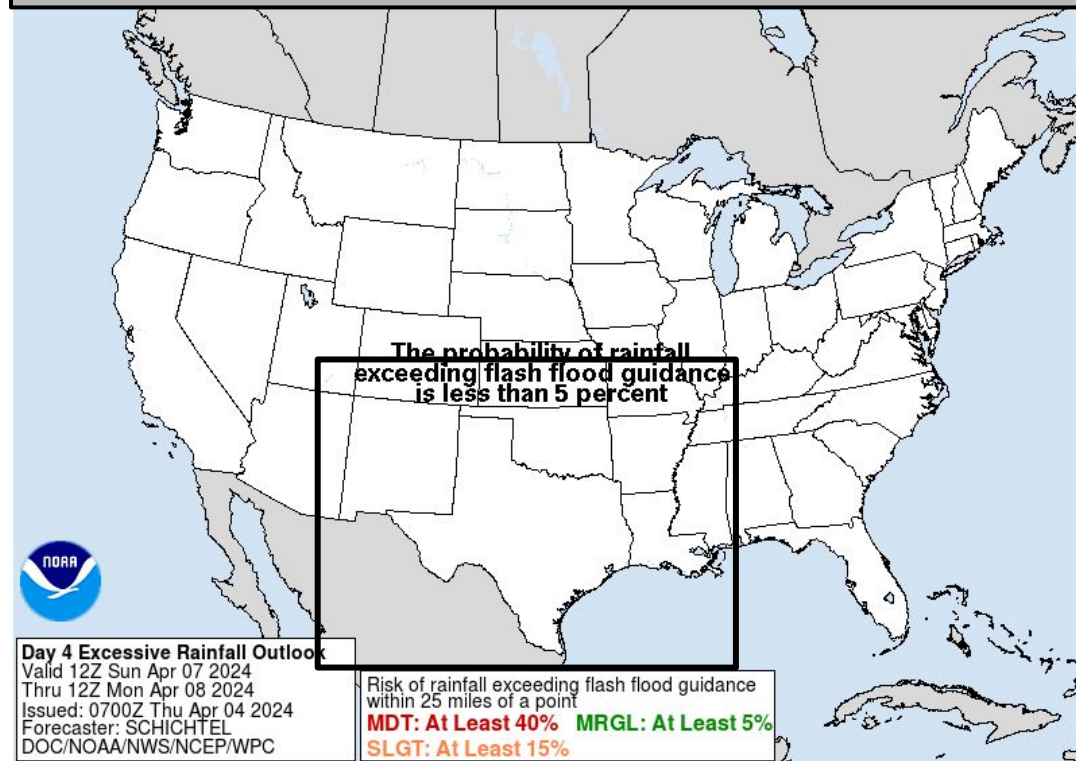


Elevated to critical fire weather conditions for E NM, W/NW TX, W OK, and TX/OK Panhandles.

Severe Weather Outlook



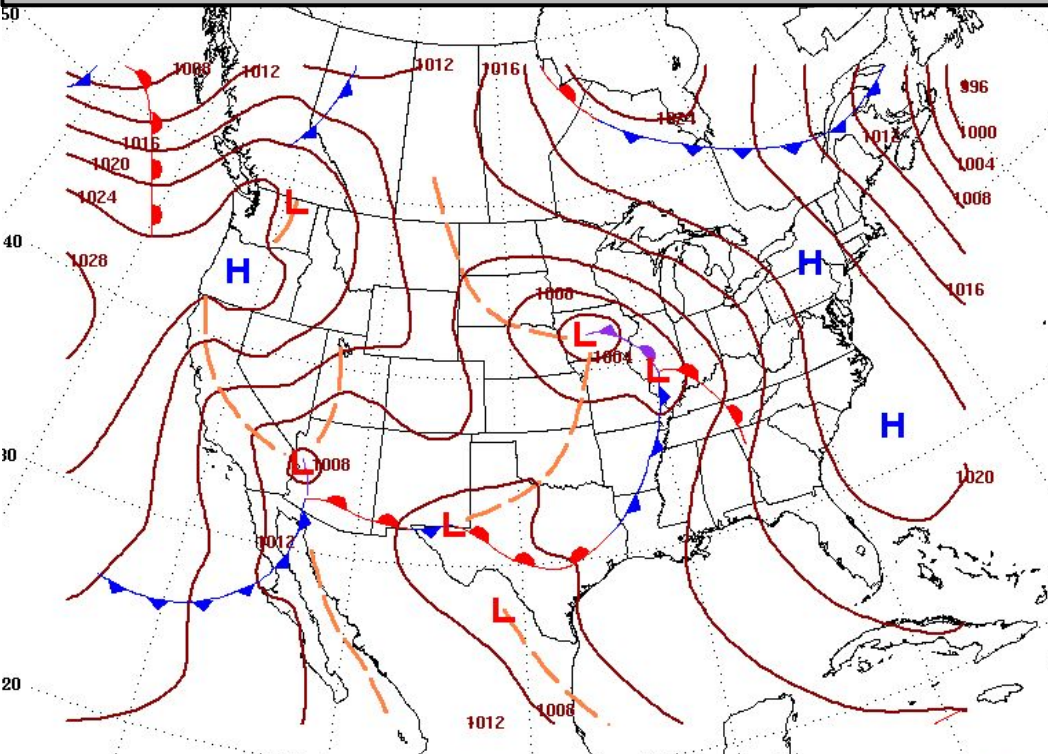
Excessive Rainfall Outlook



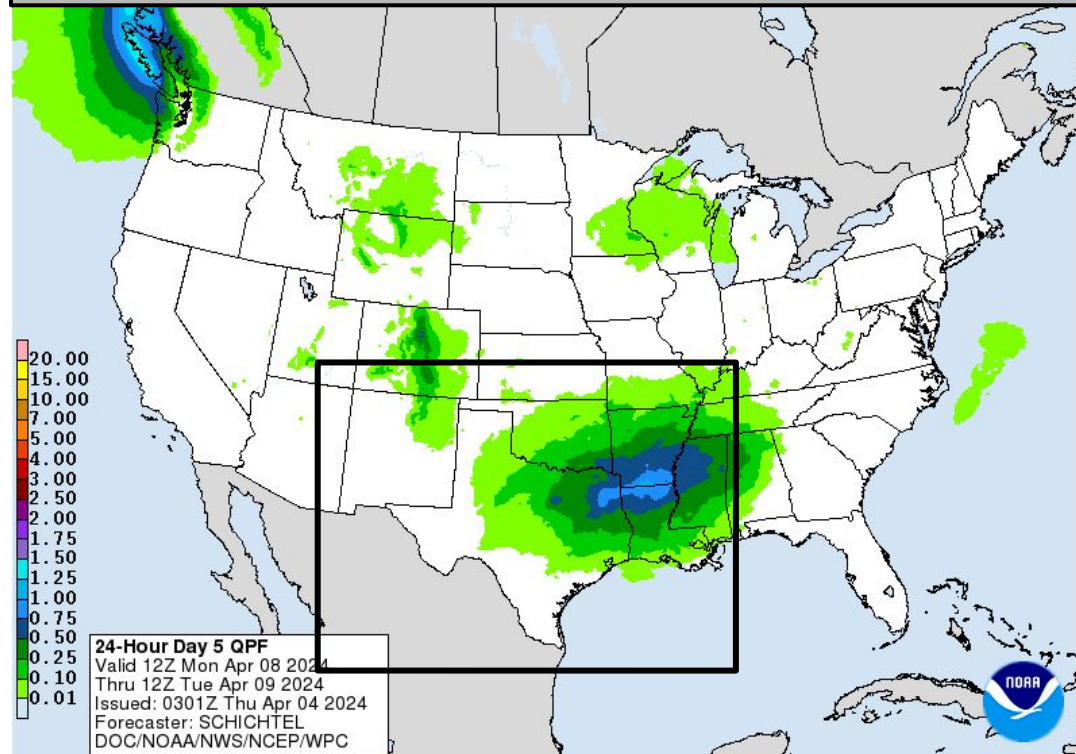


Monday's Weather

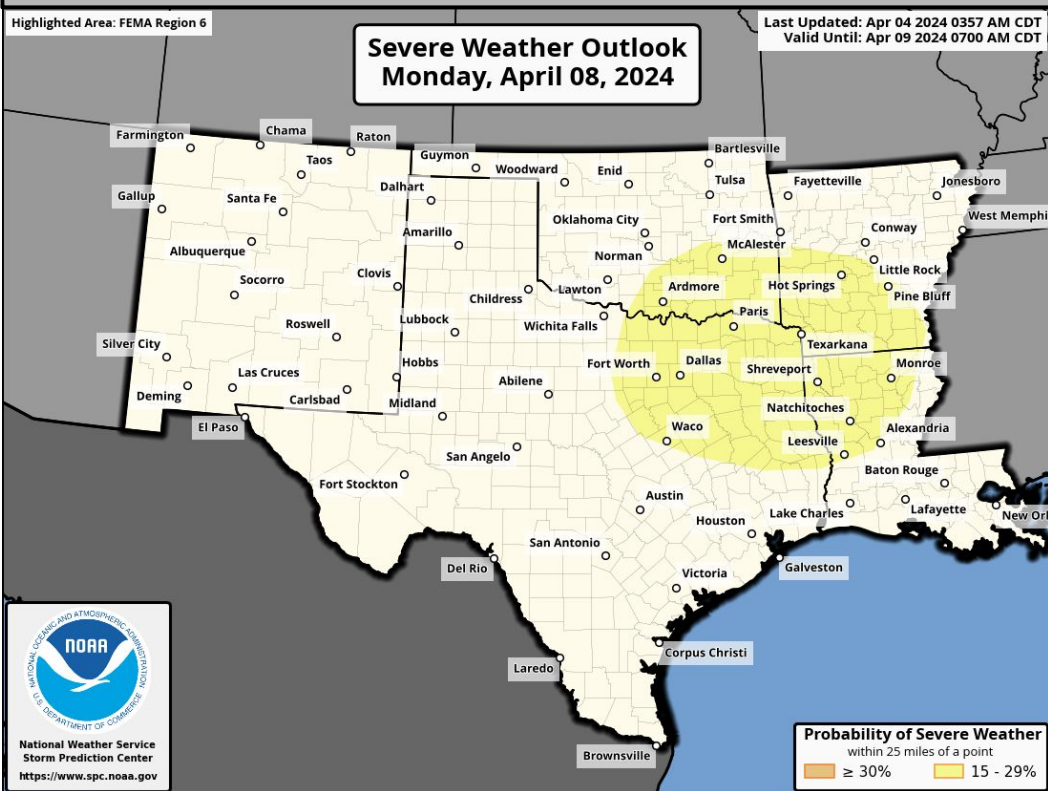
Forecast Chart



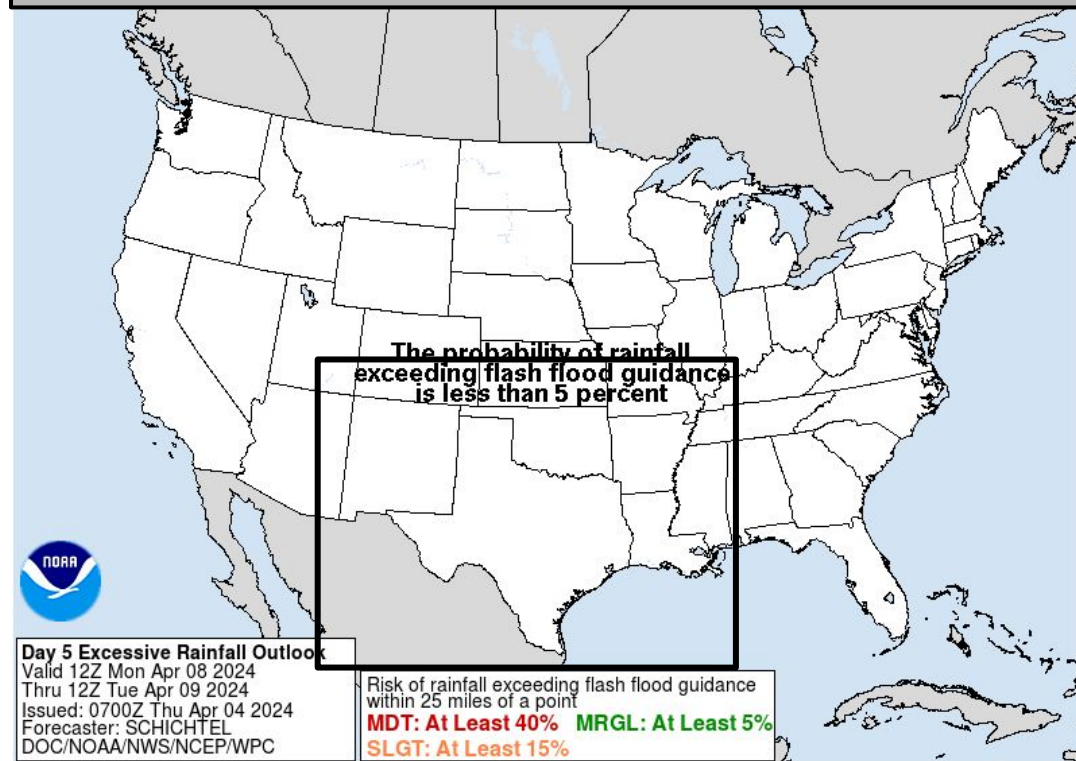
Forecast Rainfall



Severe Weather Outlook



Excessive Rainfall Outlook



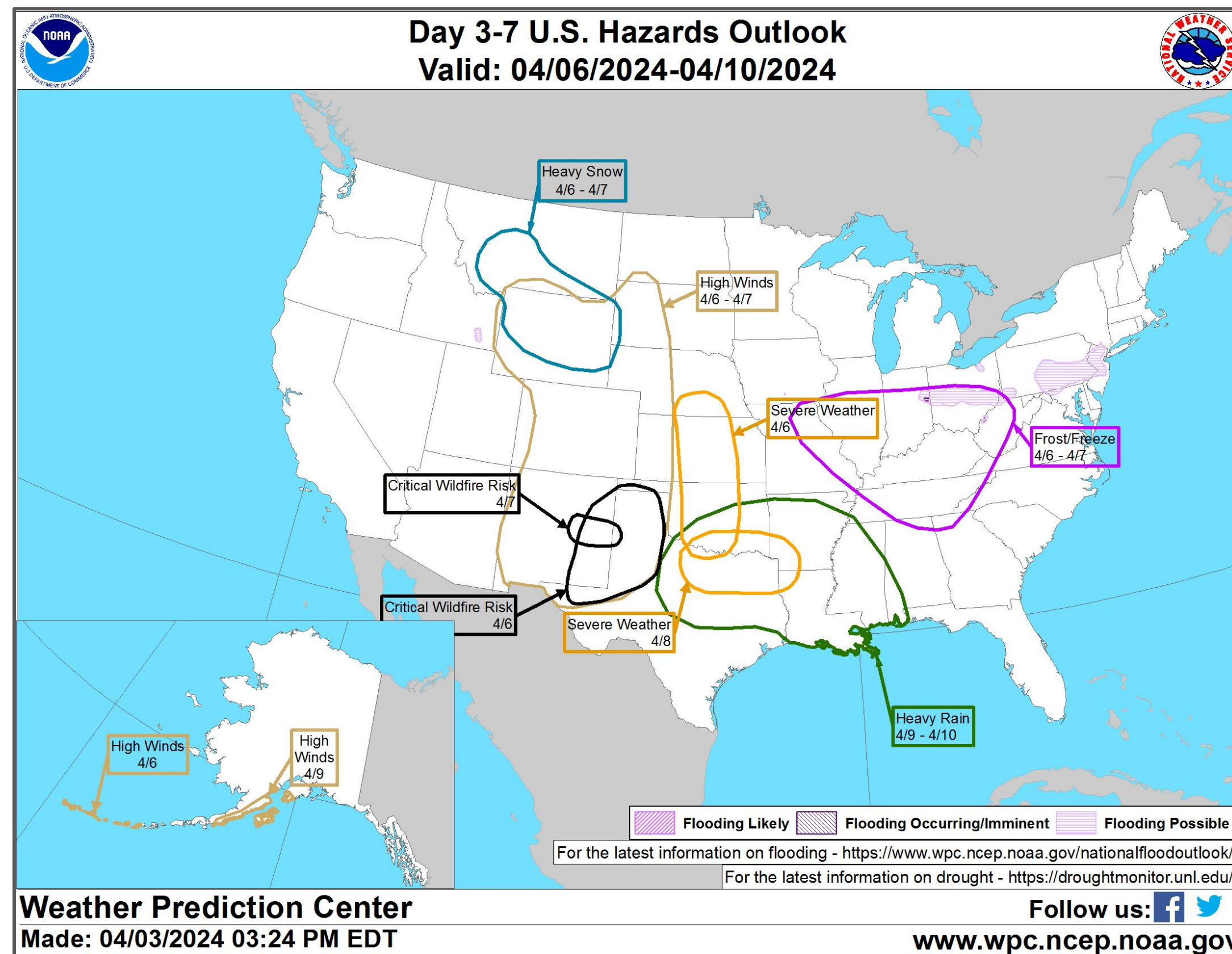
Slight risk of severe storms late afternoon and evening (after the eclipse) in SE OK, SAR, N TX, and N LA.

Elevated fire weather conditions for S NM, W TX.





“Day 3-7” Hazards Outlook



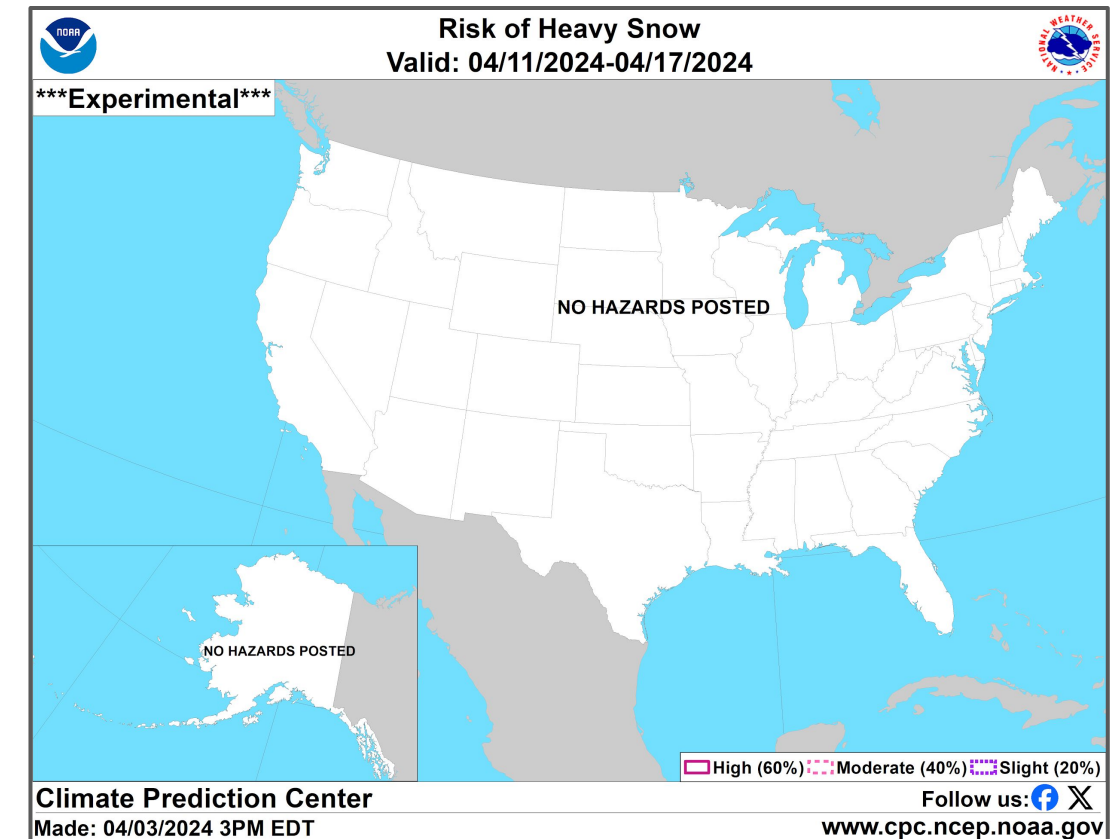
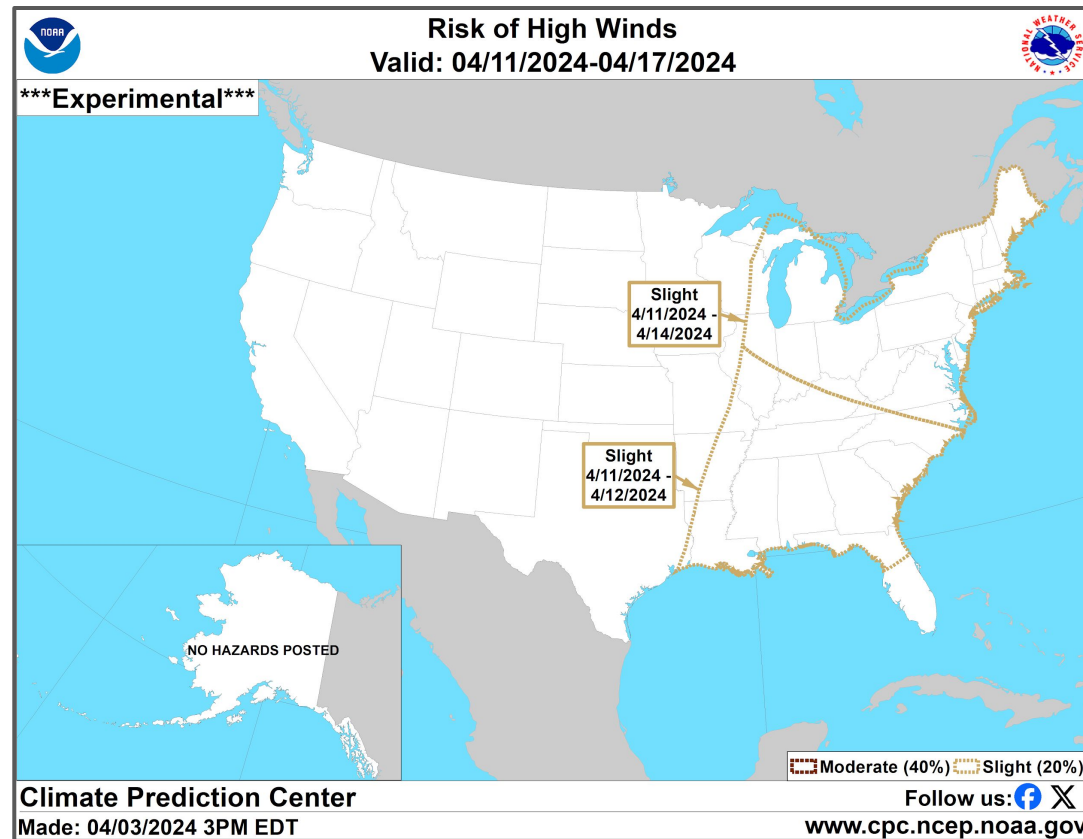
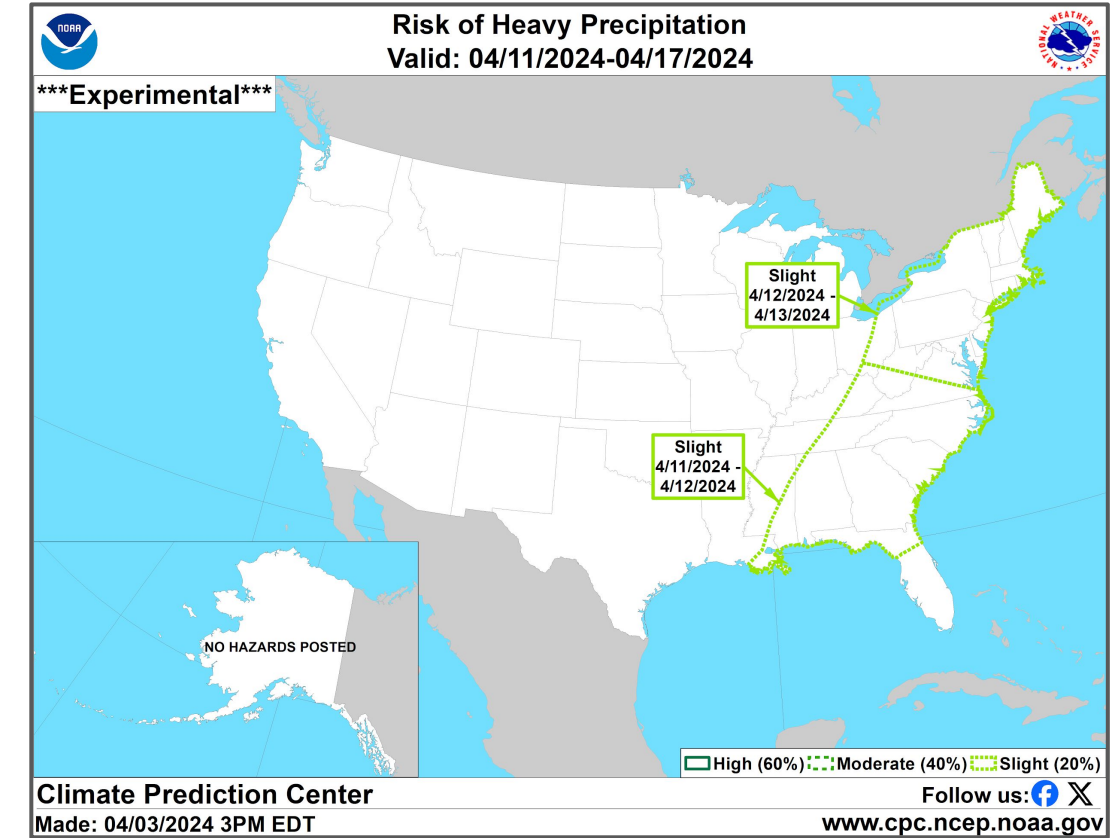
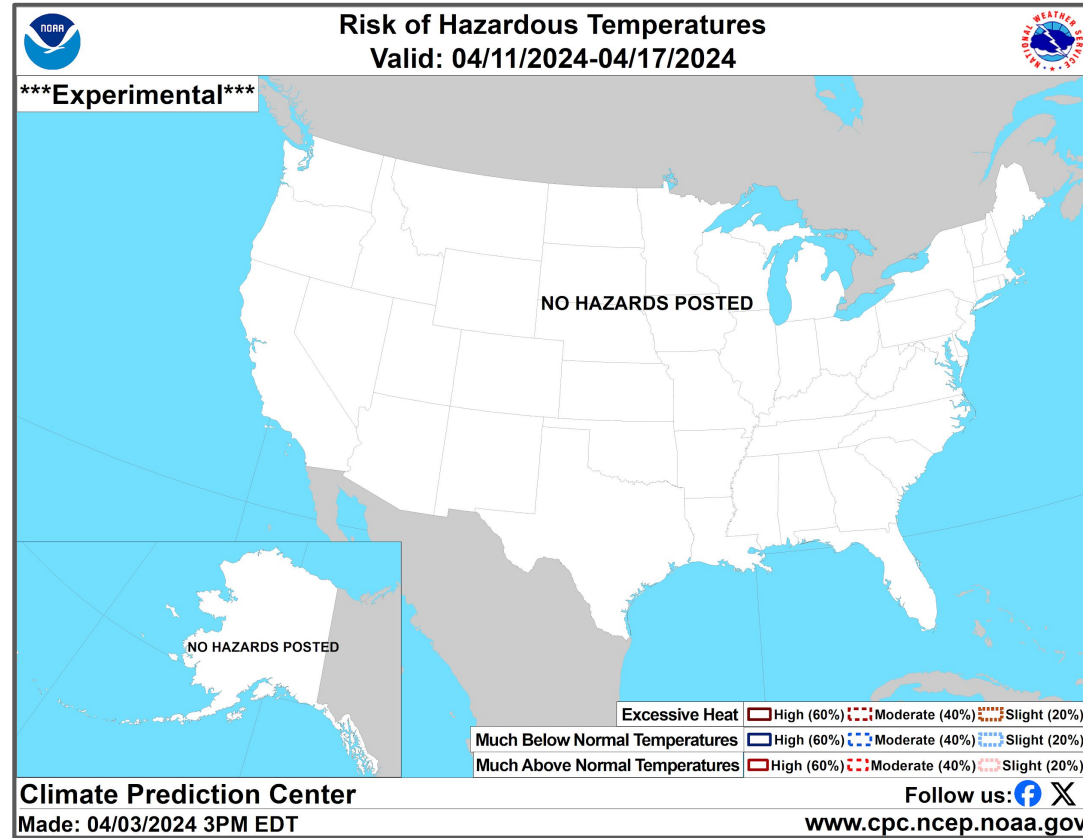
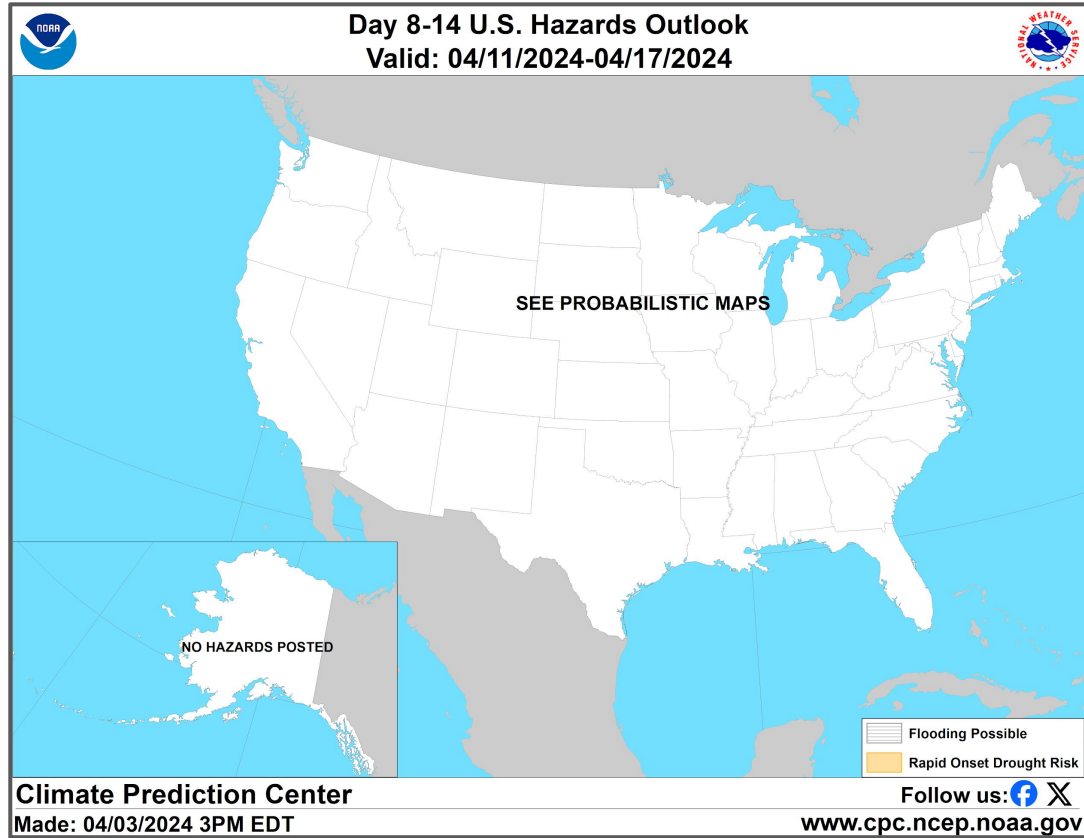
NOTE: These outlooks are issued in the afternoon and only issued on weekdays. Because of that and the fact that these slides are issued in the mornings:

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://origin.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:

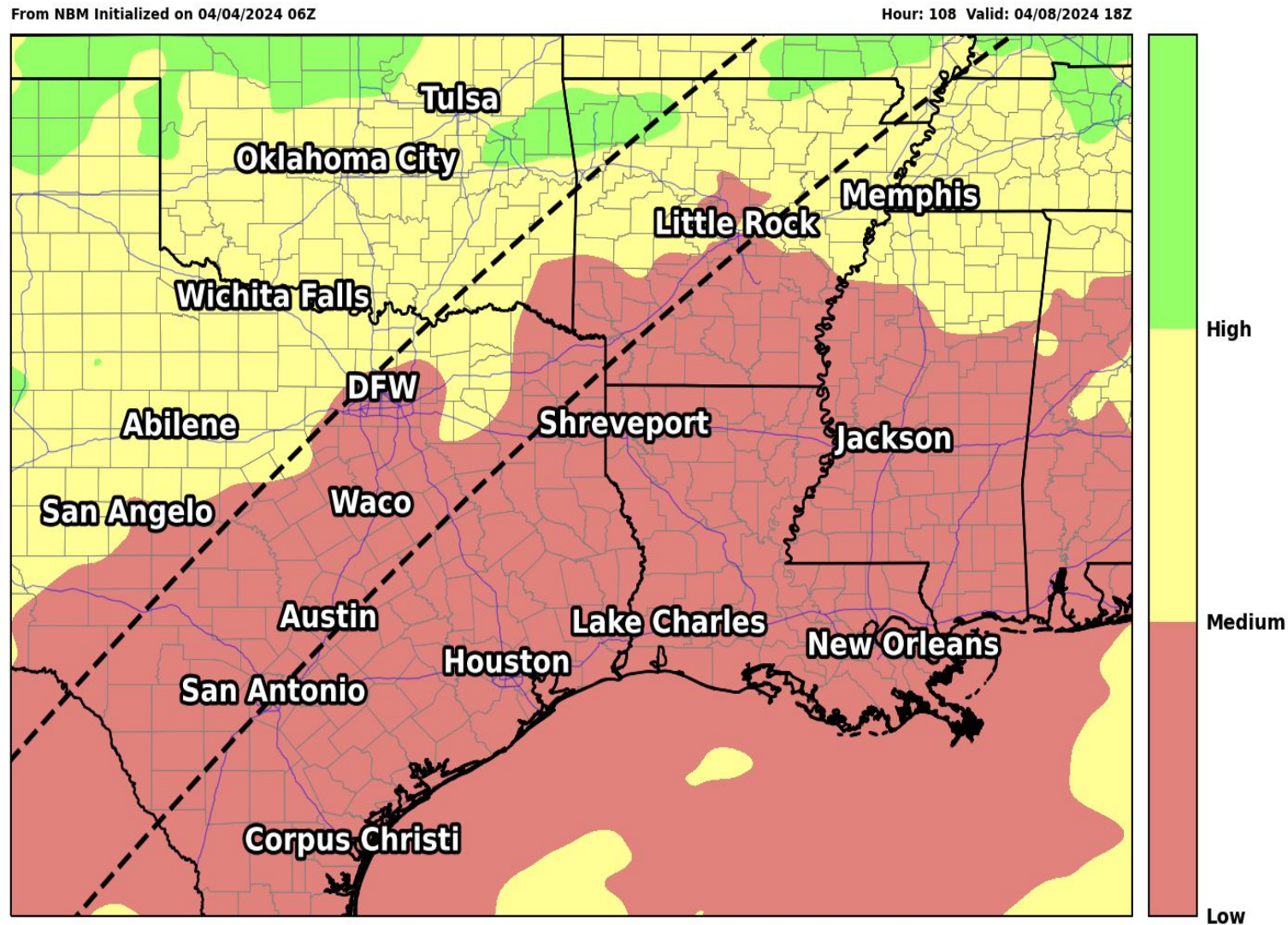
1. The “day 8-14” will really be days 7-13
2. This slide will be hidden on Mondays and Sundays so the data/information is not too old

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



April 8, 2024 Eclipse Cloud Cover

Chance of Favorable Eclipse Viewing Conditions



The image on the left represents chances of at least partial viewability of the eclipse.

Medium chances indicate that clouds could be present, but some of the eclipse may still be viewable.

Severe Weather Chances Late Monday Into Tuesday Weather Forecast Office Fort Worth, TX Issued April 4, 2024 4:59 AM CT

Showers and storms are expected to develop **late Monday afternoon and evening** after the eclipse.

Monitor the forecast and have multiple ways to receive alerts!

Timing: Storm Chances and Cloud Cover

100%
80%
60%
40%
20%

7 AM 10 AM 1 PM 4 PM 7 PM

Legend: Storm Chances Low Cloud Cover High Cloud Cover

SEVERE

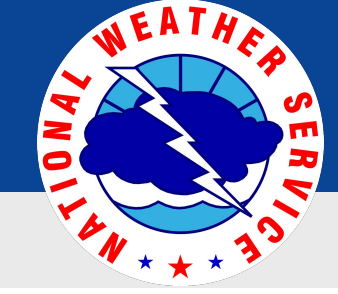
SEVERE

SEVERE

SCATTERED

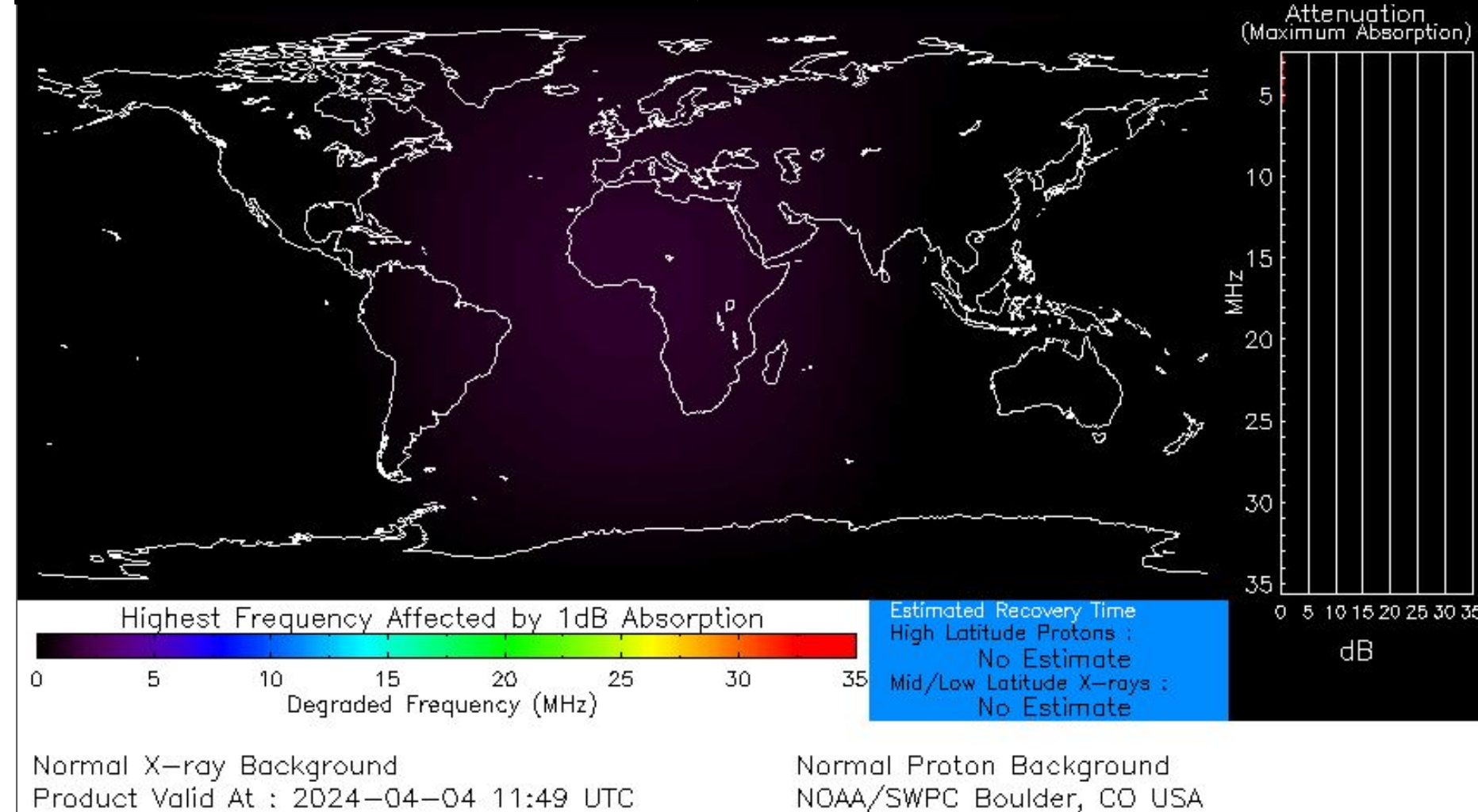
Severe storms possible late Monday afternoon & evening

weather.gov/fortworth



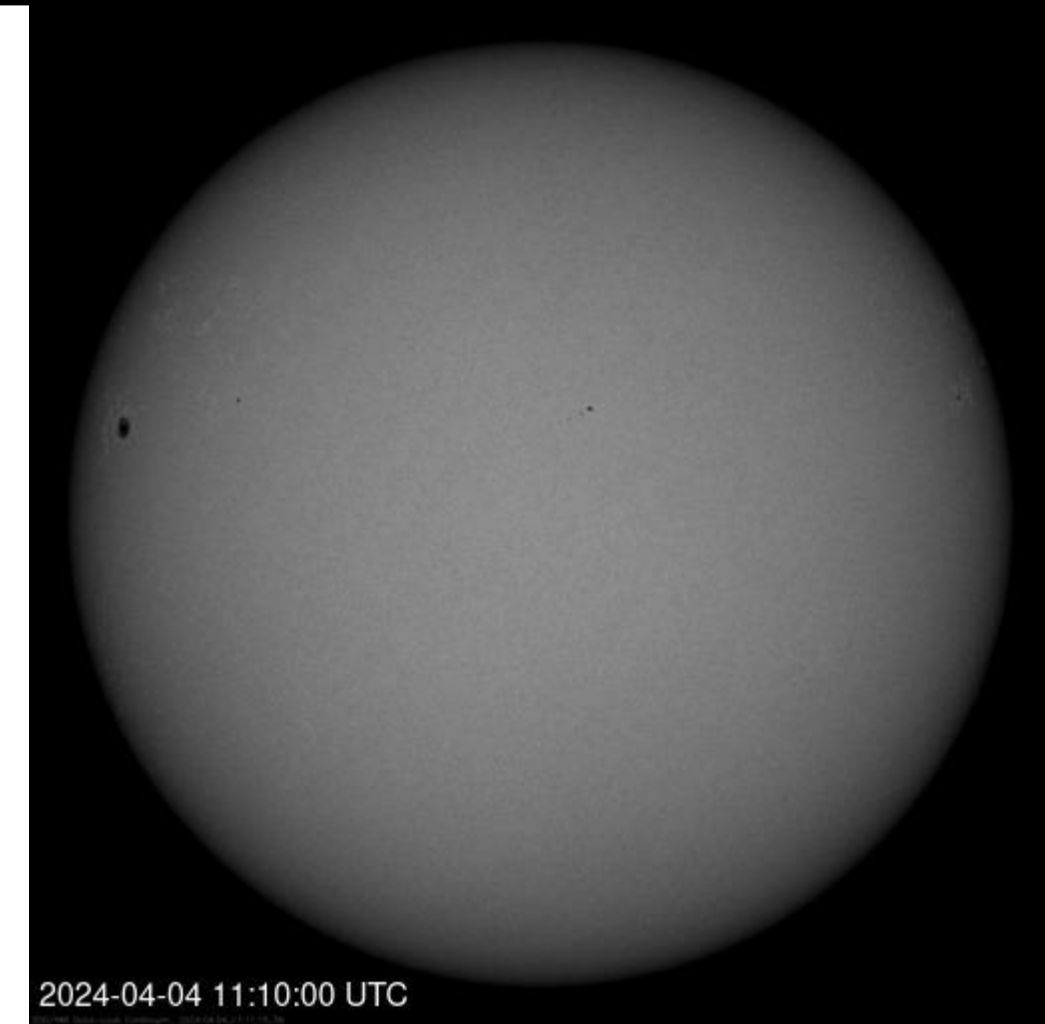
Space Weather 3-Day Forecast

	Thursday, Apr 4	Friday, Apr 5	Saturday, Apr 6
Geomagnetic Storms	Minor (G1) Storm (Max Kp = 5)	Unsettled (Max Kp = 3)	Unsettled (Max Kp = 3)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	10%	10%	10%
Radio Blackout (R3-R5)	1%	1%	1%



[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



National Weather Service

Southern Region Headquarters

Regional Operations Center

Fort Worth, TX



Phone: (682) 703-3747



Facebook: NWSSouthern



E-mail: sr-srh.roc@noaa.gov



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Web: www.weather.gov/srh

