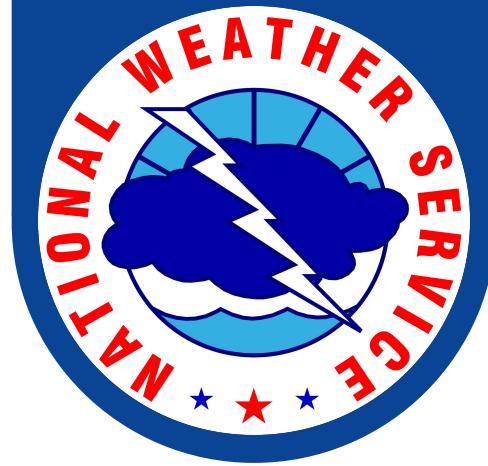




# FEMA



Prepared by  
*Kurt Van Speybroeck*

# FEMA Region 6 Weather Threat Briefing

Monday, April 01, 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](http://www.weather.gov/srh).





# Summary of the Upcoming Week

- **Elevated to critical fire weather conditions across W TX, NM, and the TX/OK Panhandles.**
- **Slight to Enhanced risk of severe thunderstorms (wind, hail and tornadoes) over OK, NW AR, and N TX.**
- **Minor river flooding continues in E TX, LA, and AR.**



# FEMA Region 6 Threat Matrix

Next 5 Days

	Monday, Apr 1	Tuesday, Apr 2	Wednesday, Apr 3	Thursday, Apr 4	Friday, Apr 5
Severe Storms	OK, NW AR, N TX				
Heavy Rain / Flash Flooding					
Fire Weather	E NM, W TX				
Cold					
Winter Weather					
River Flooding	ETX, LA, AR	ETX, LA	ETX, LA	ETX, LA	LA

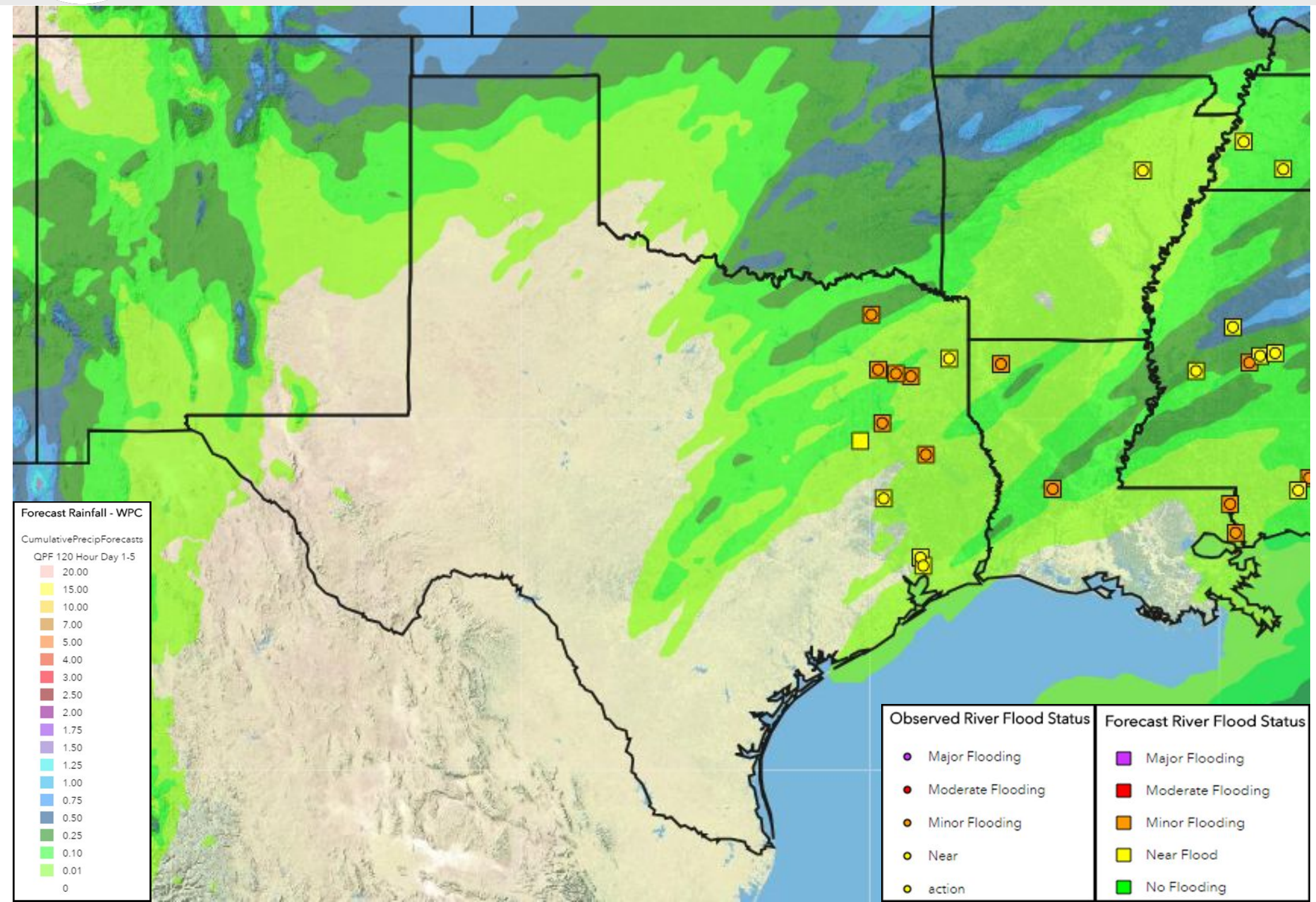
*\*Threat levels are based on FEMA Region 6 criteria.  
State or local threat level criteria may differ.\*  
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

Risk Levels	Little to None	Minor	Moderate	Major	Extreme
-------------	----------------	-------	----------	-------	---------



# 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 river flooding continues in ETX, LA, AR.**

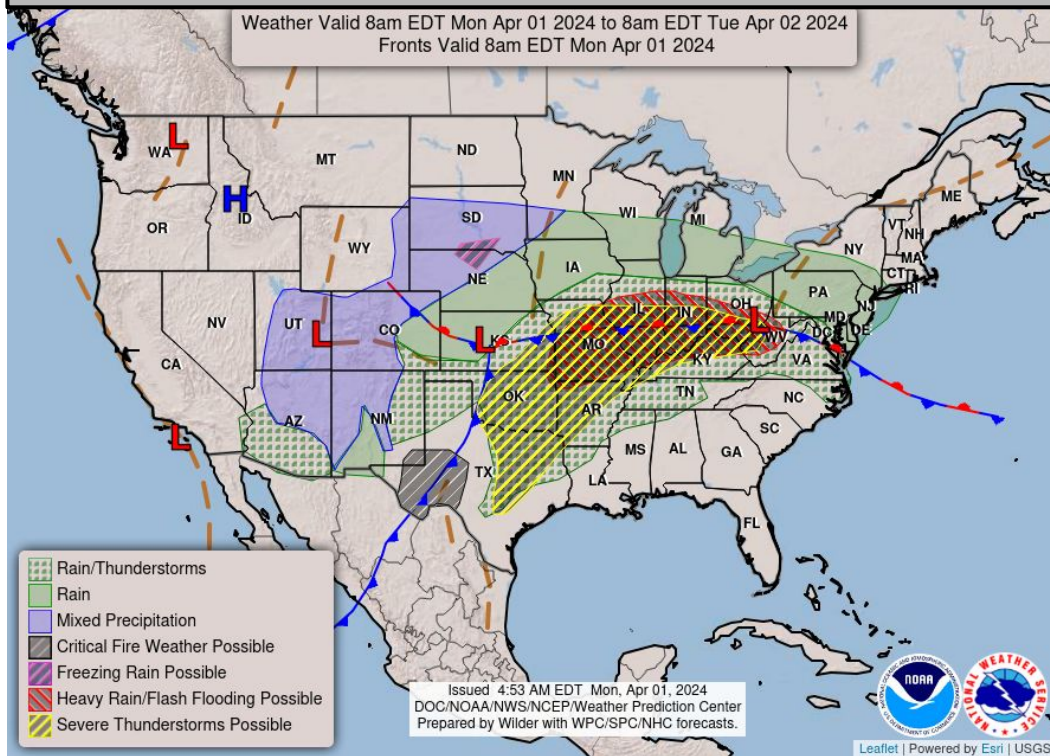
**Flooding of lowlands, agricultural lands, and secondary roads.**

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

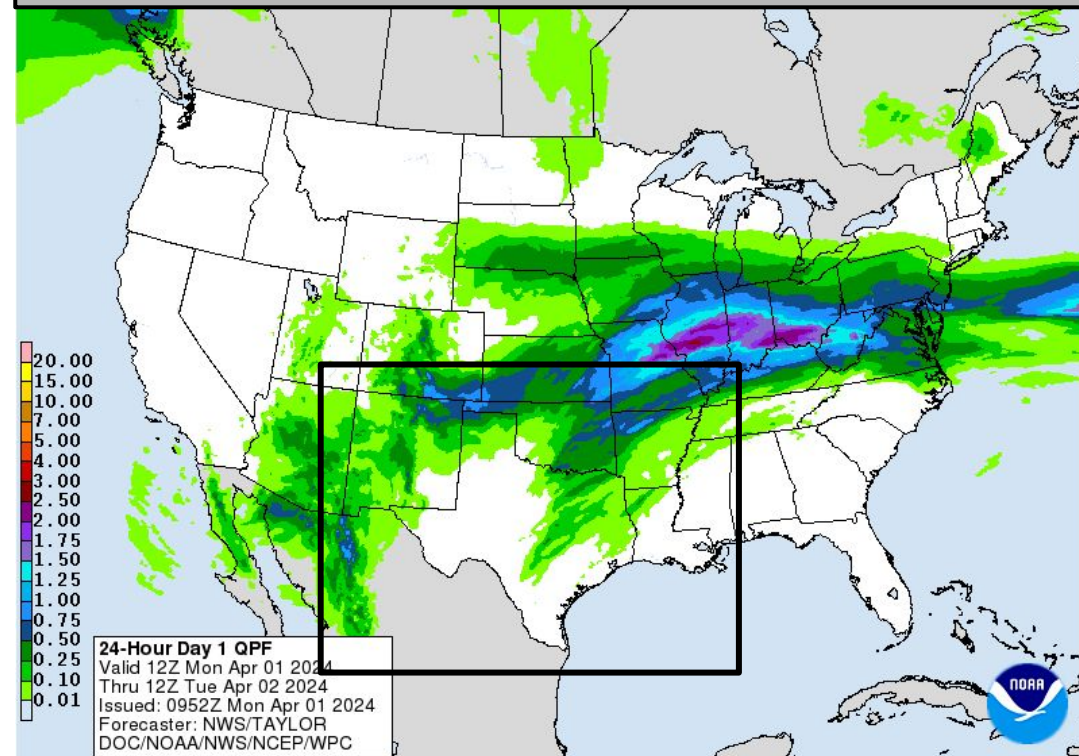


# Today's Weather

## Forecast Chart

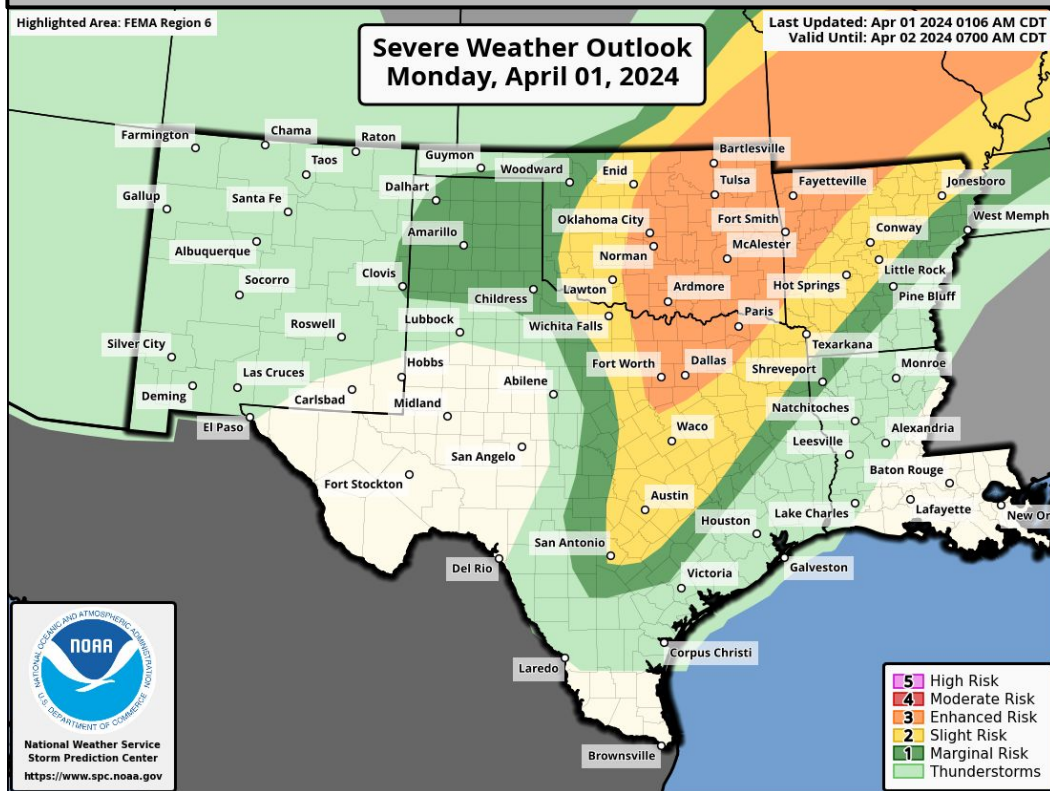


## Forecast Rainfall

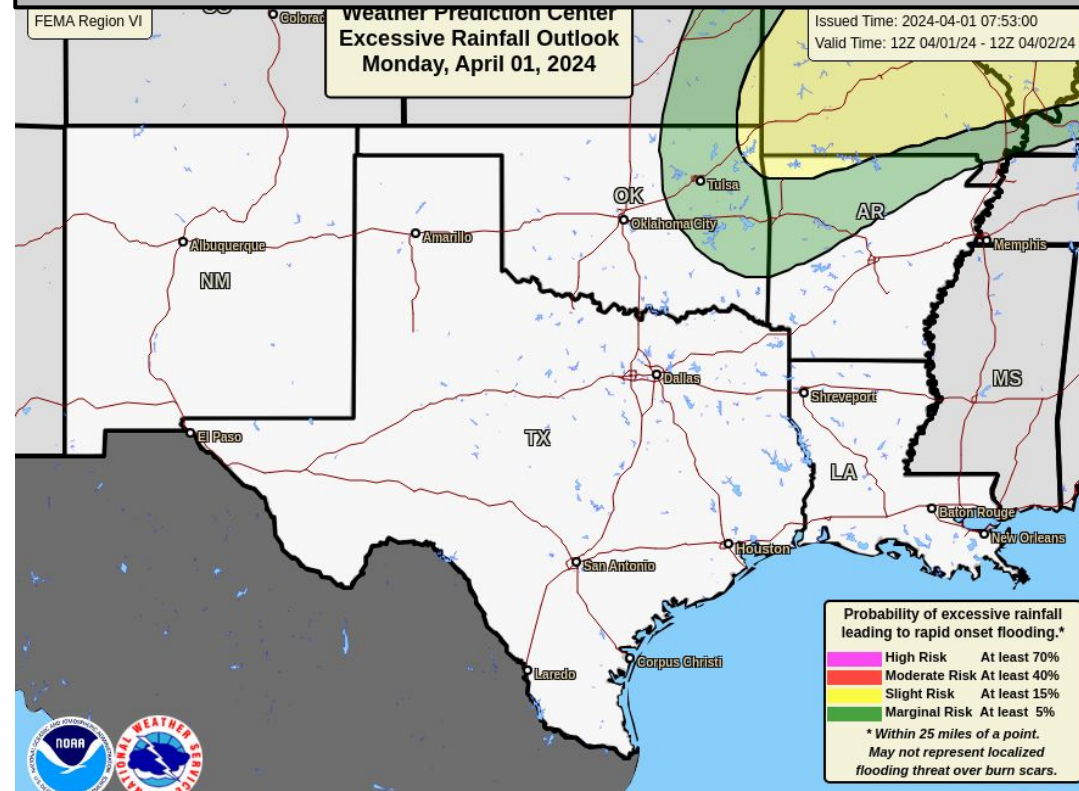


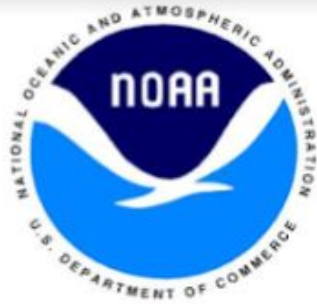
Slight to Enhanced risk area for severe thunderstorms (very large hail, winds and tornadoes) across OK, NW and N TX.

## Severe Weather Outlook



## Excessive Rainfall Outlook



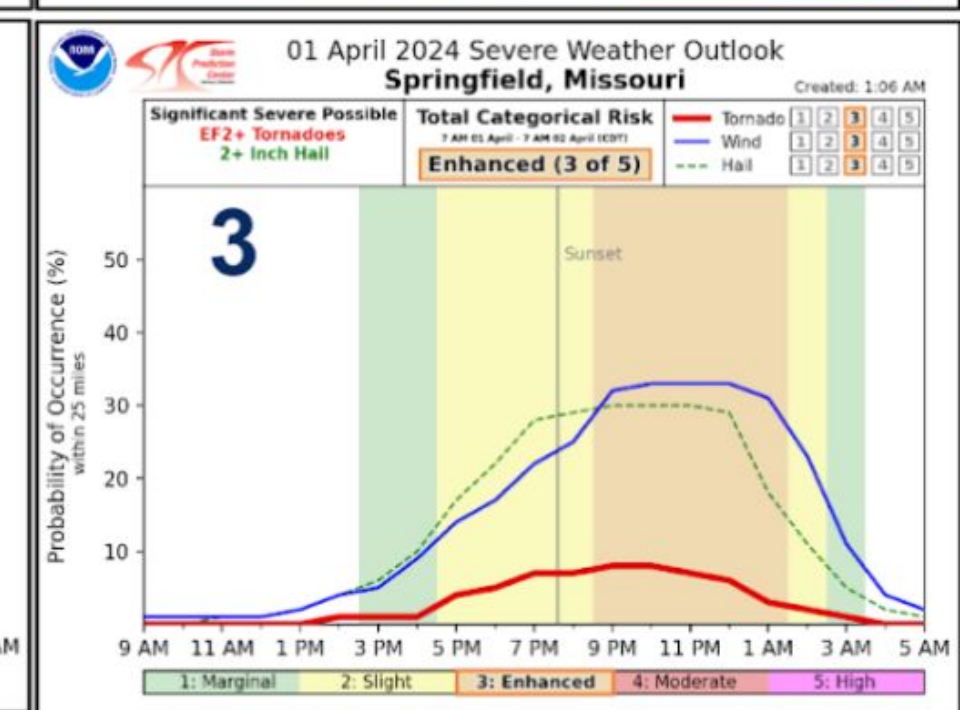
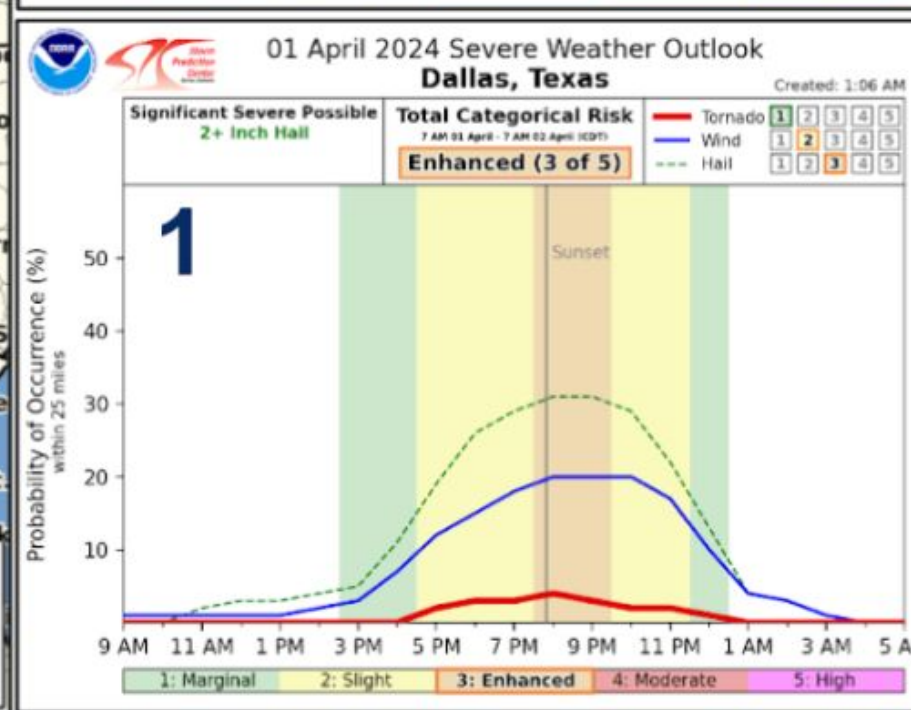
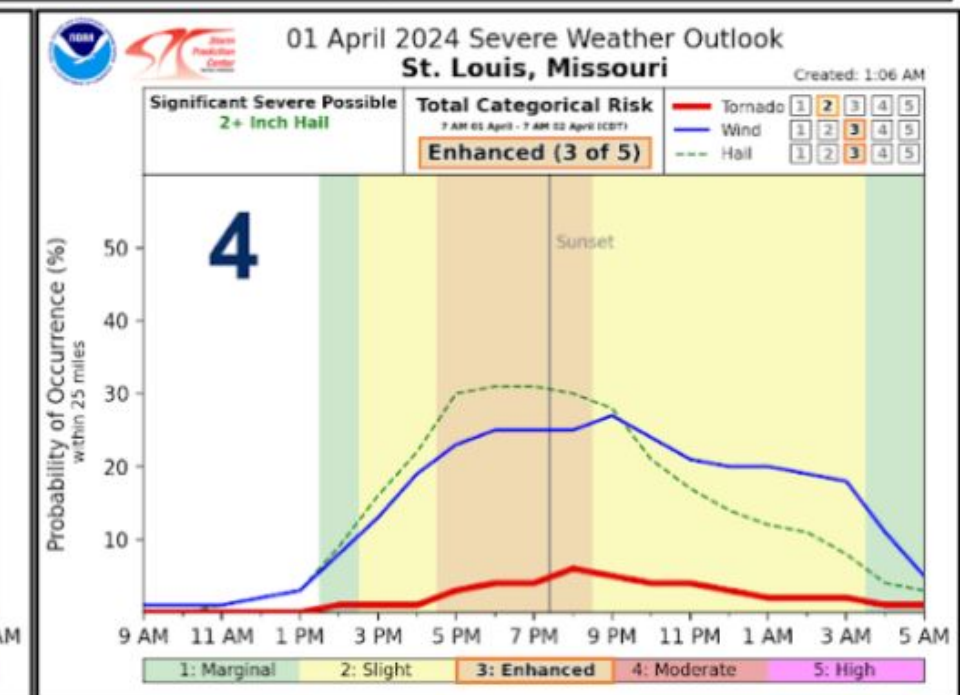
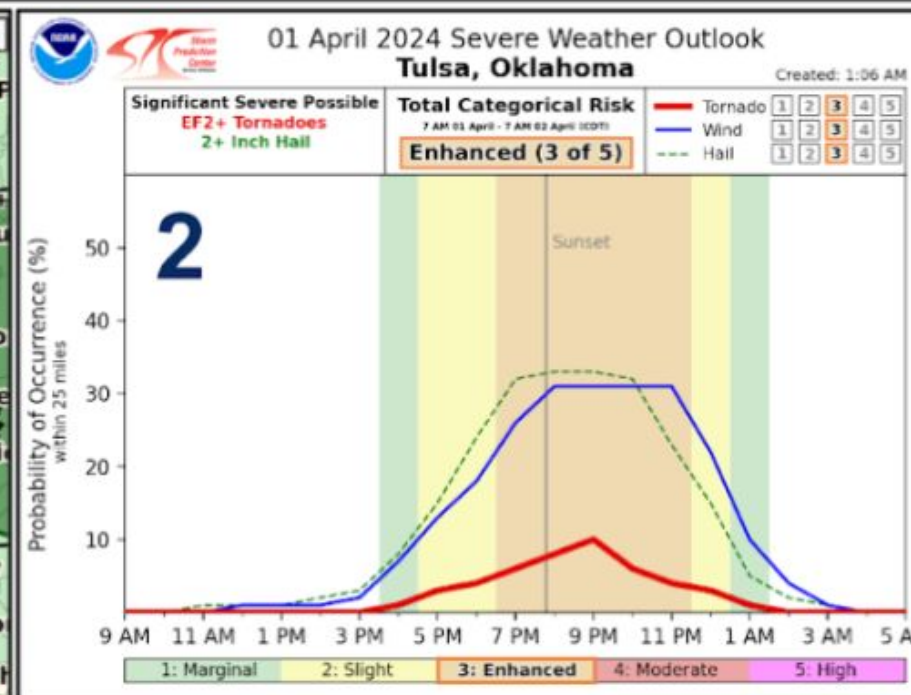
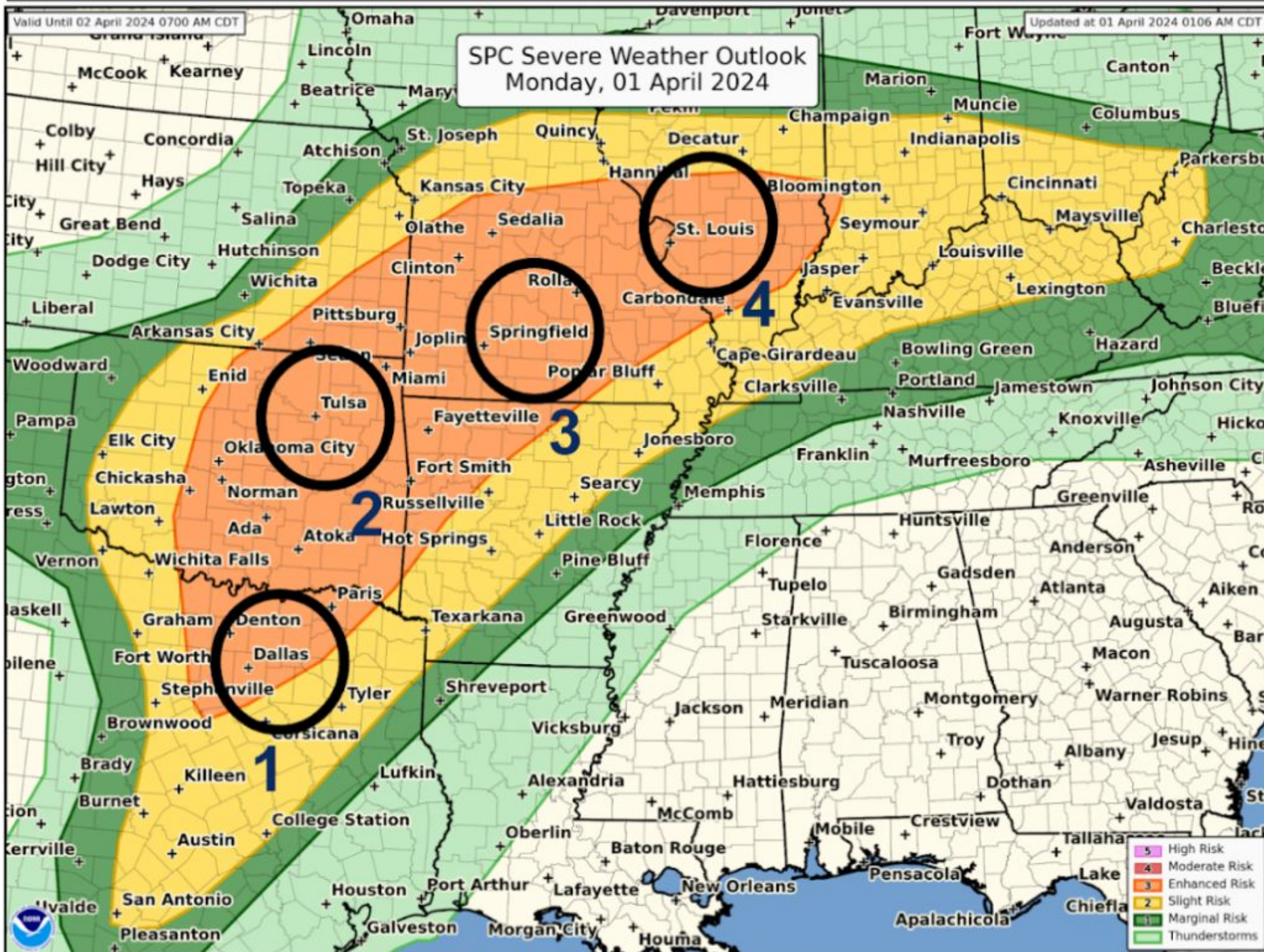


# STORM PREDICTION CENTER

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION



## Timing Information for the Severe Weather Risk Today through Tonight



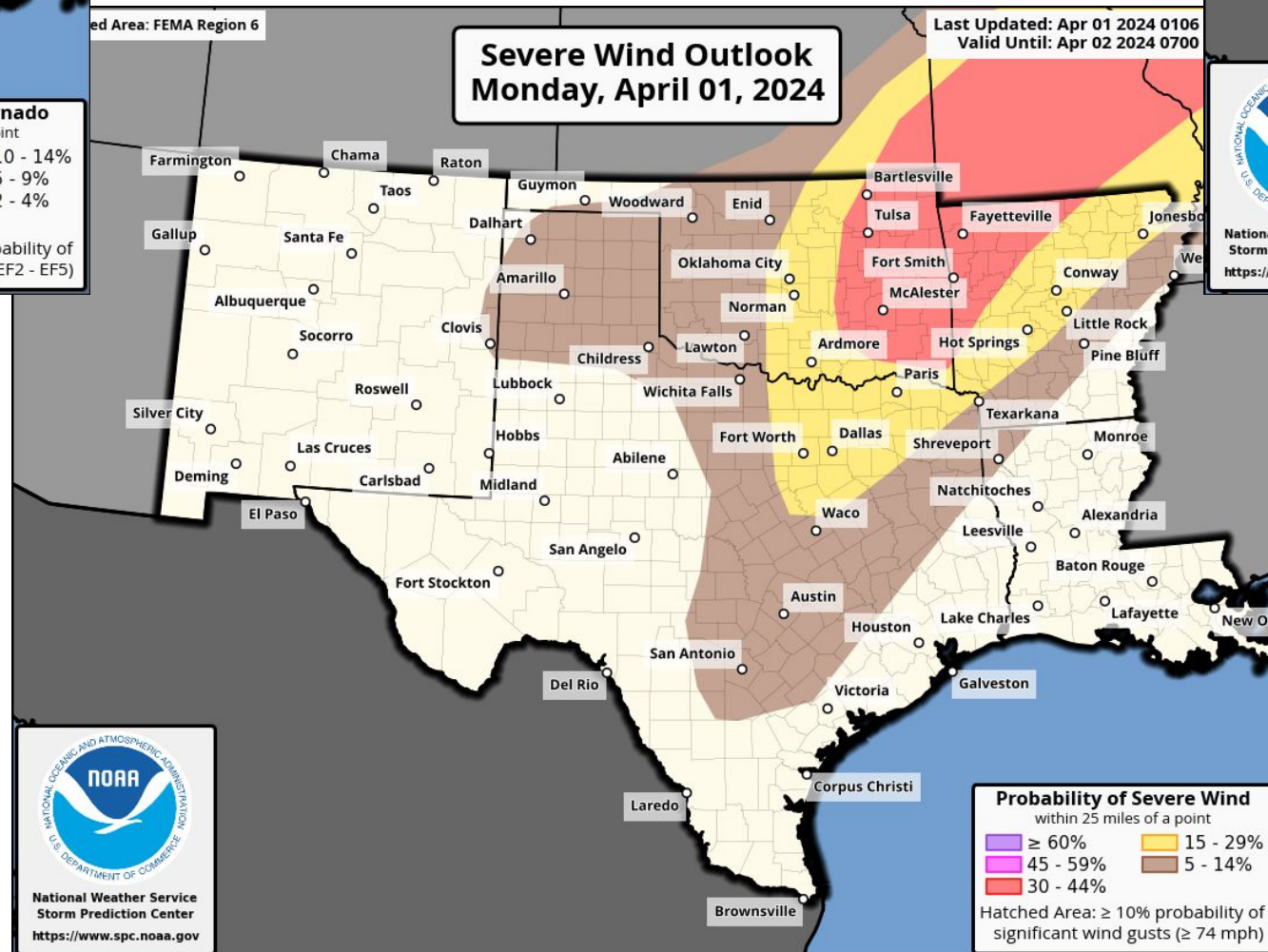
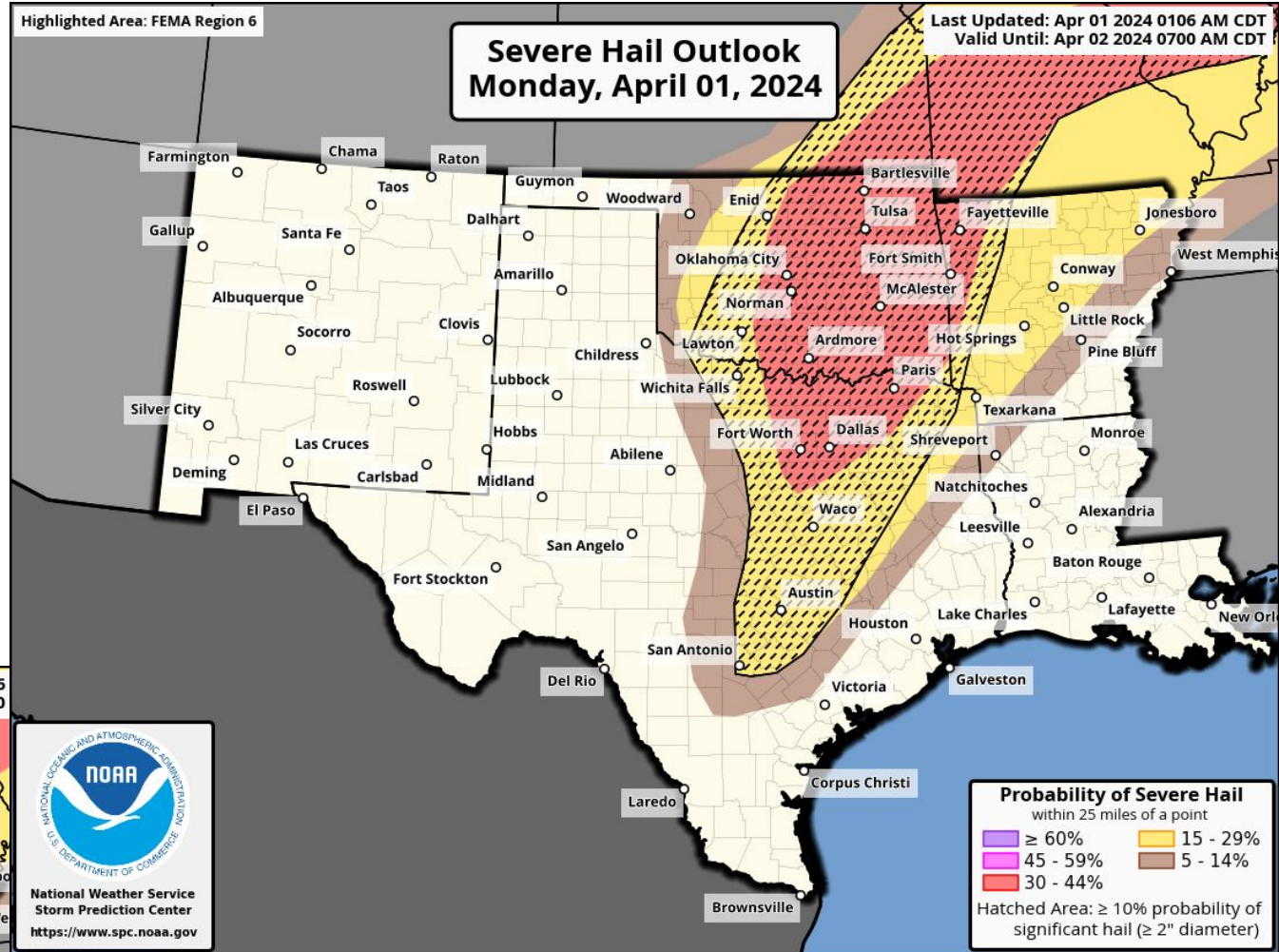
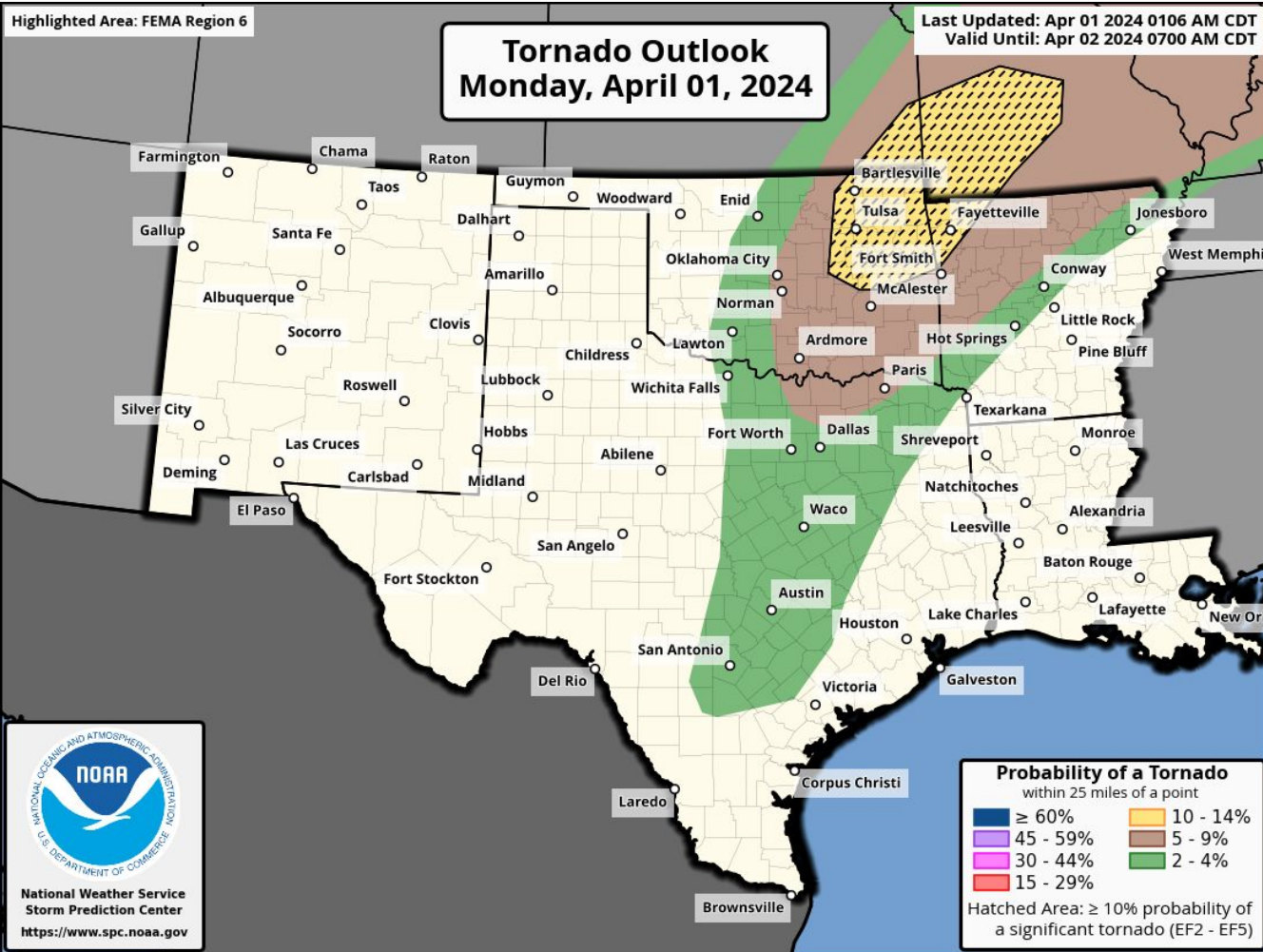
Day 1 Risk	Area (sq. mi.)	Area Pop.	Some Larger Population Centers in Risk Area
ENHANCED	136,034	16,432,671	Dallas, TX...Fort Worth, TX...Oklahoma City, OK...Tulsa, OK...Arlington, TX...
SLIGHT	184,757	21,960,105	San Antonio, TX...Indianapolis, IN...Austin, TX...Kansas City, MO...Cincinnati, OH...
MARGINAL	211,354	15,234,839	Columbus, OH...Wichita, KS...Shreveport, LA...Richmond, VA...Amarillo, TX...

As of 7:00 AM CT  
1 April 2024



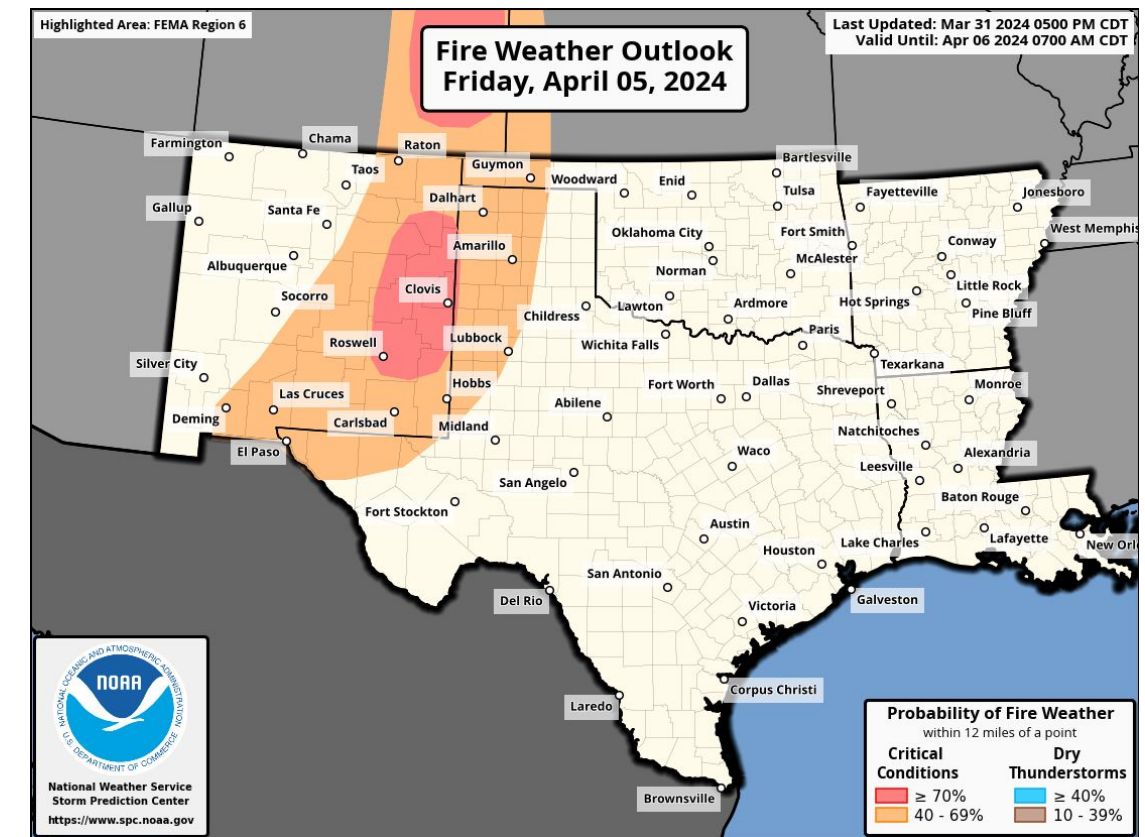
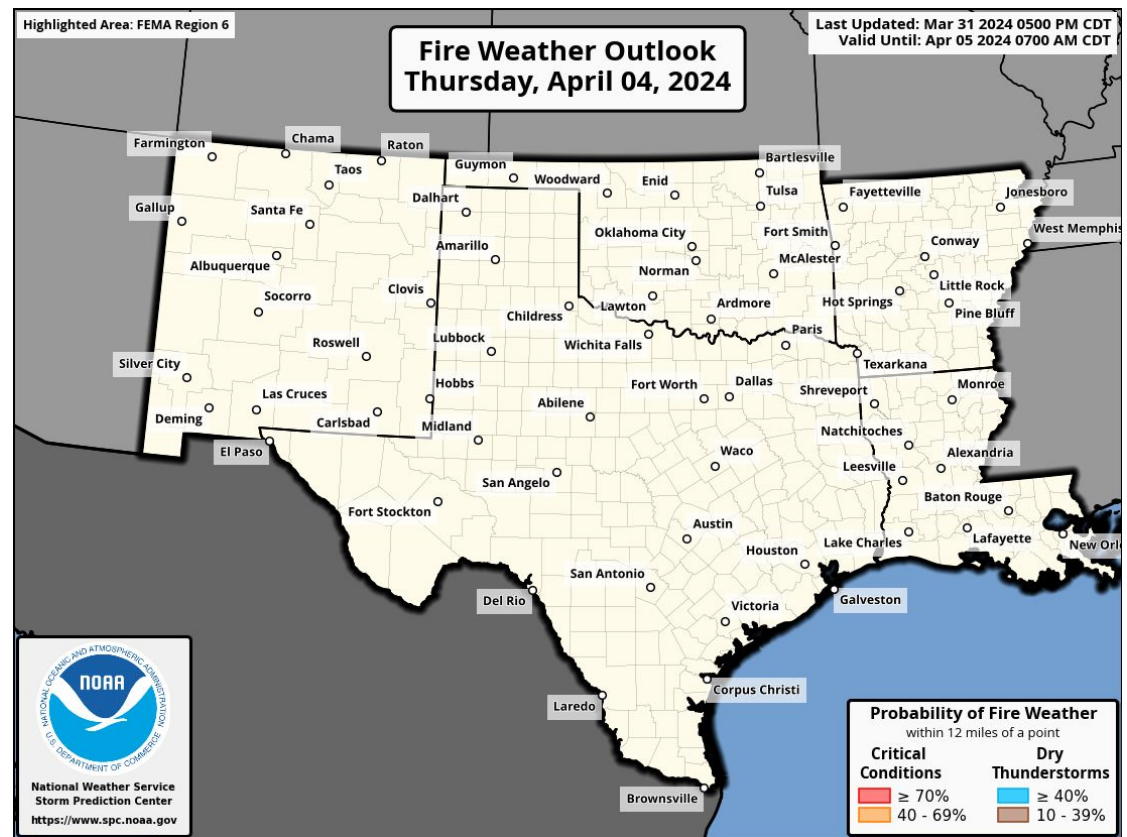
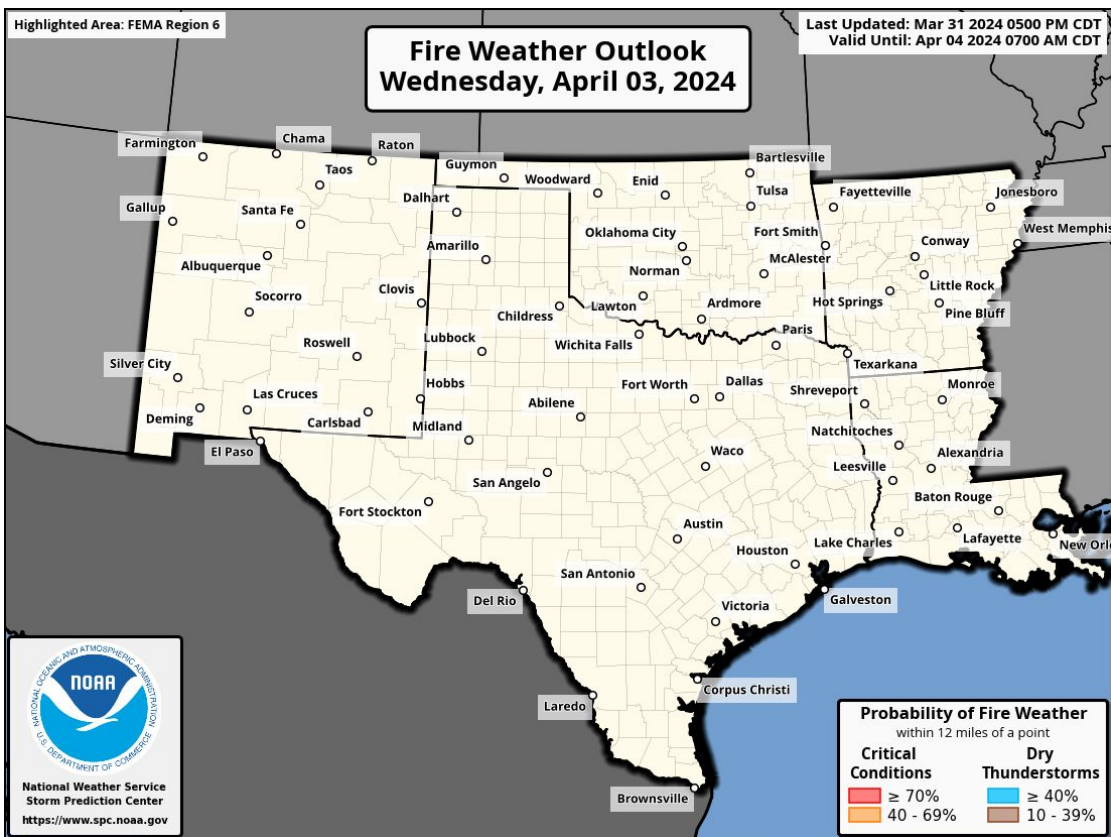
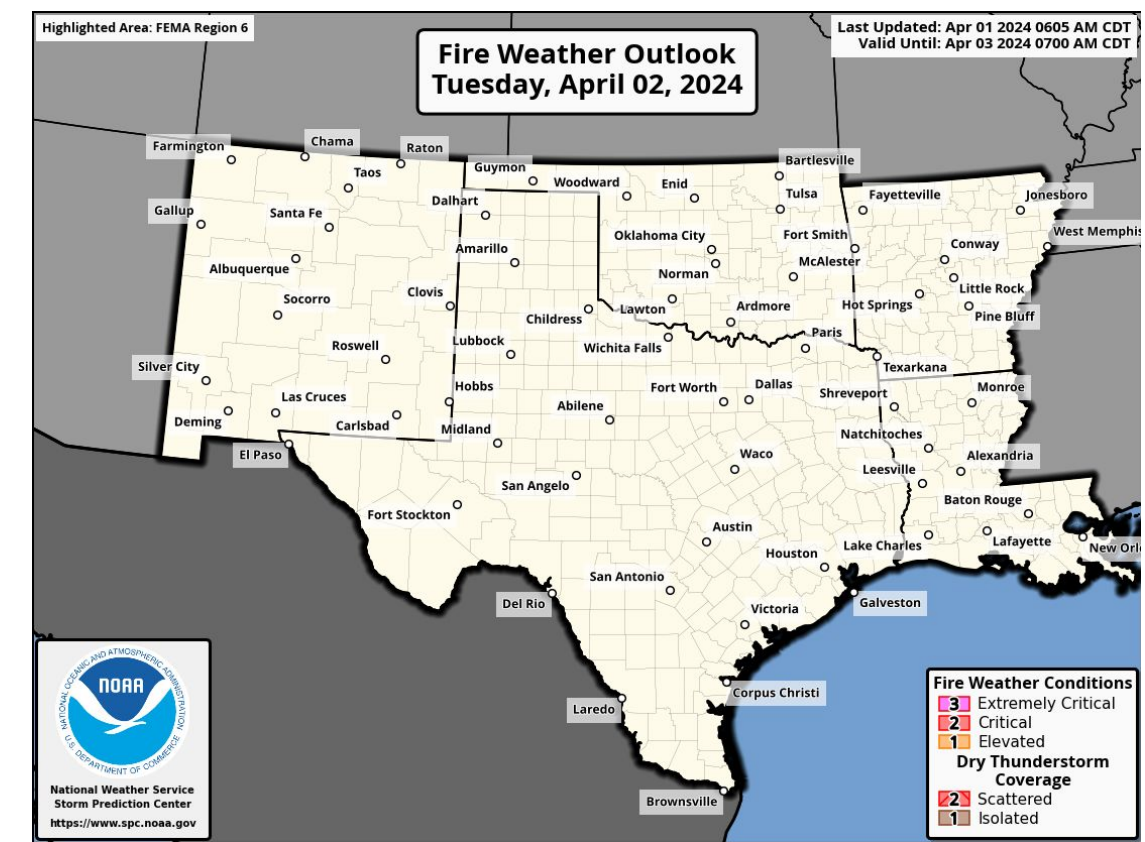
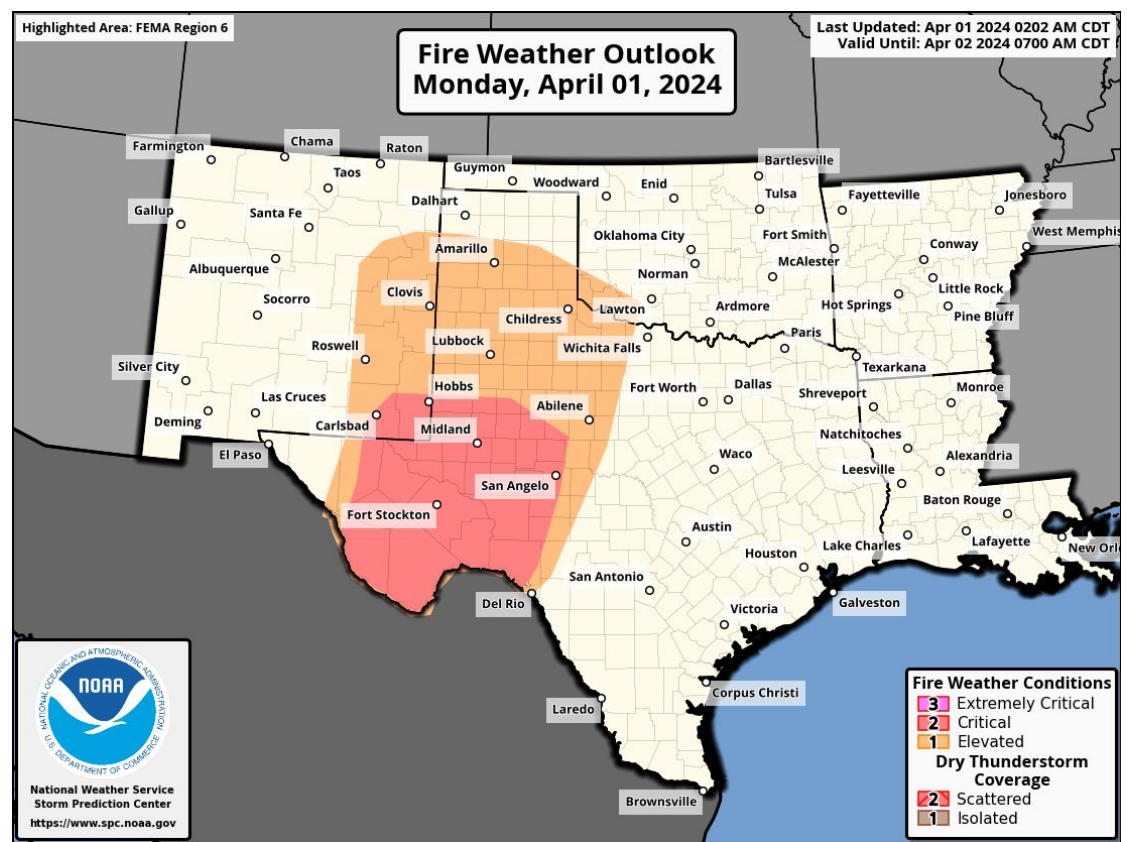
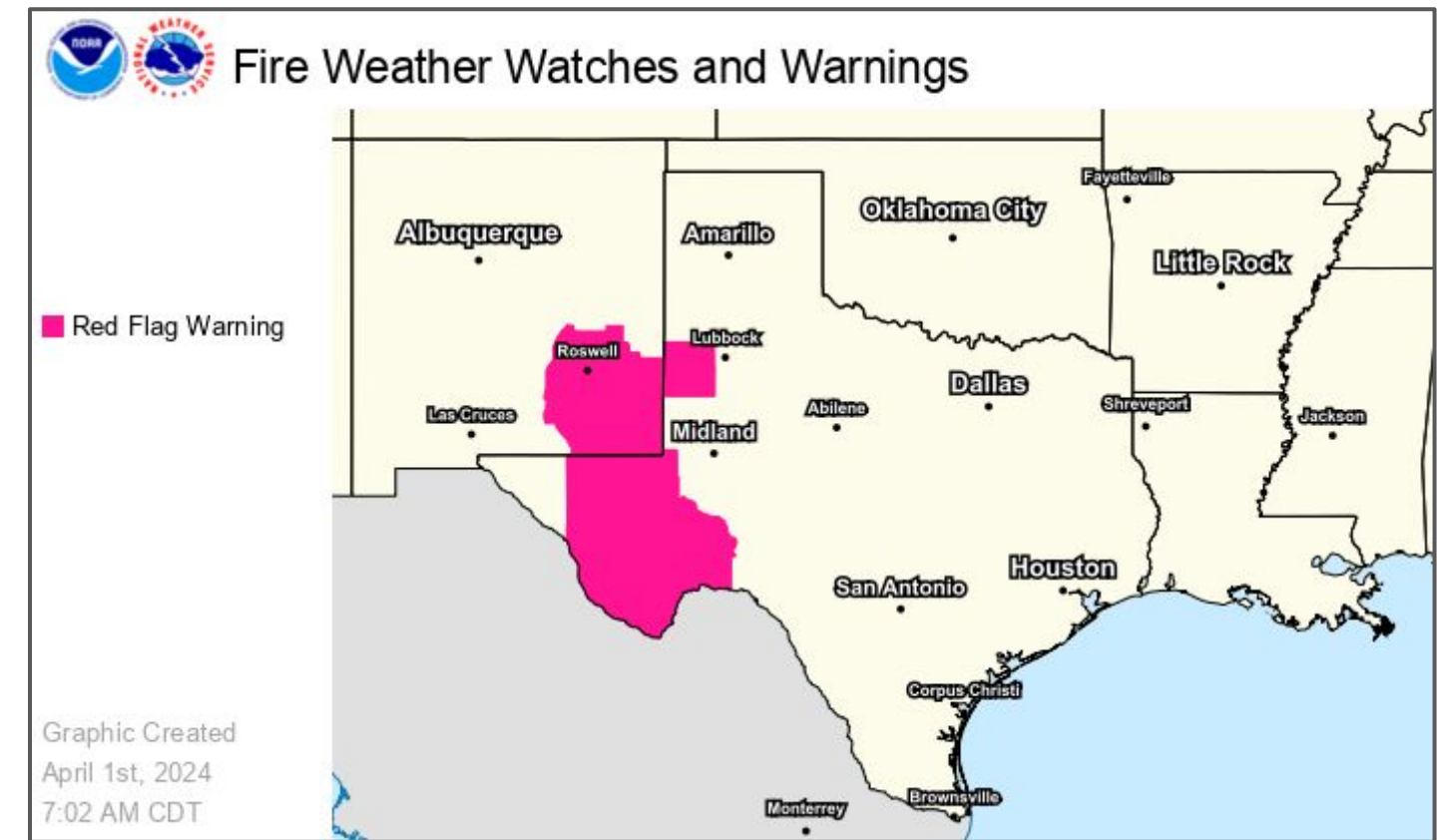
# Today's Tornado & Severe Wind / Hail Probabilities

April 1, 2024





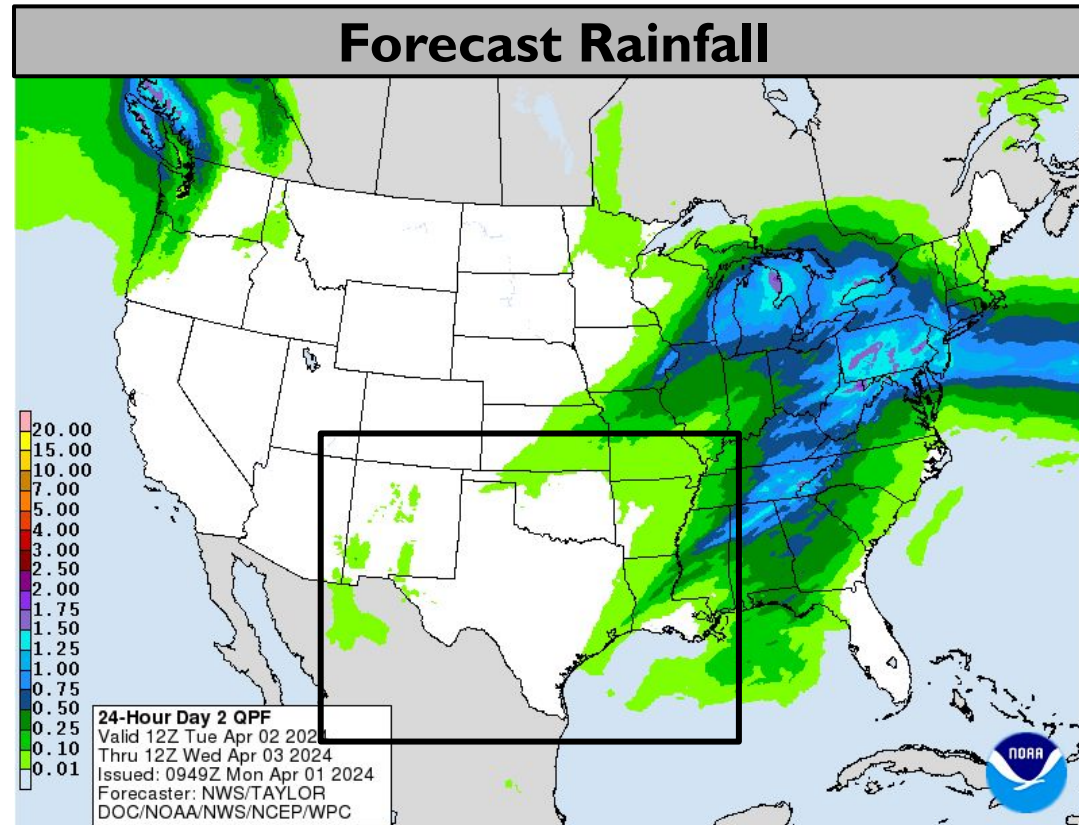
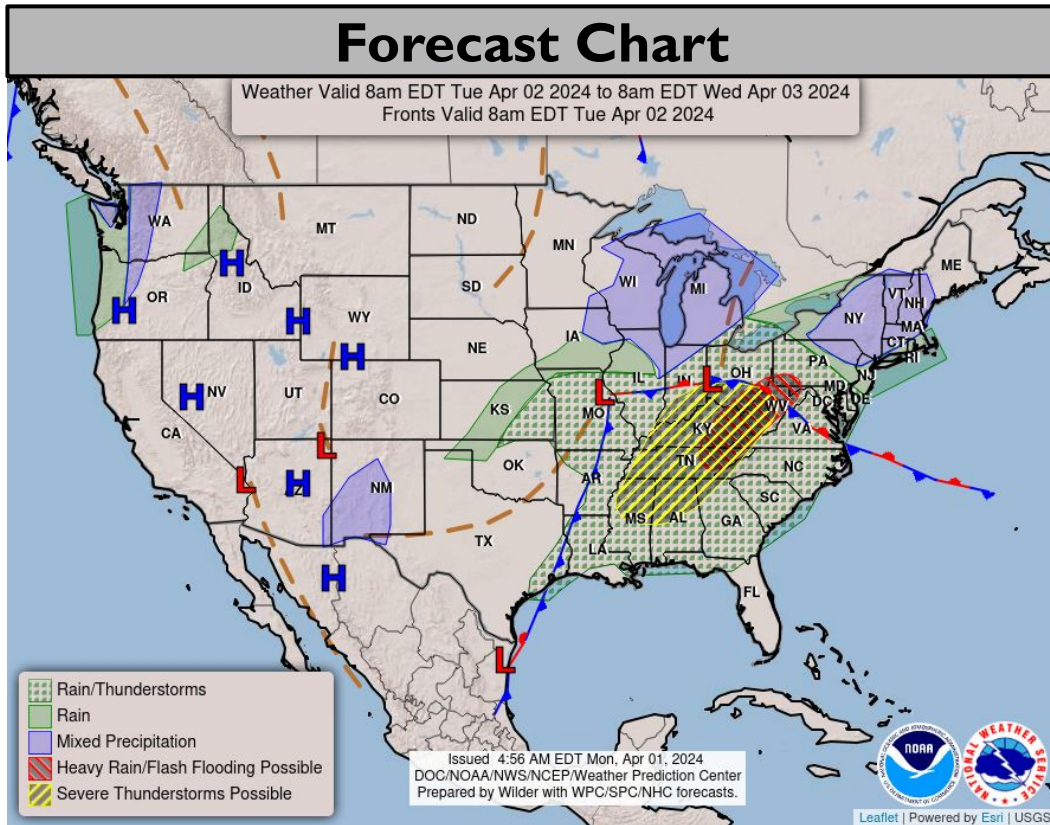
# Fire Weather Outlooks



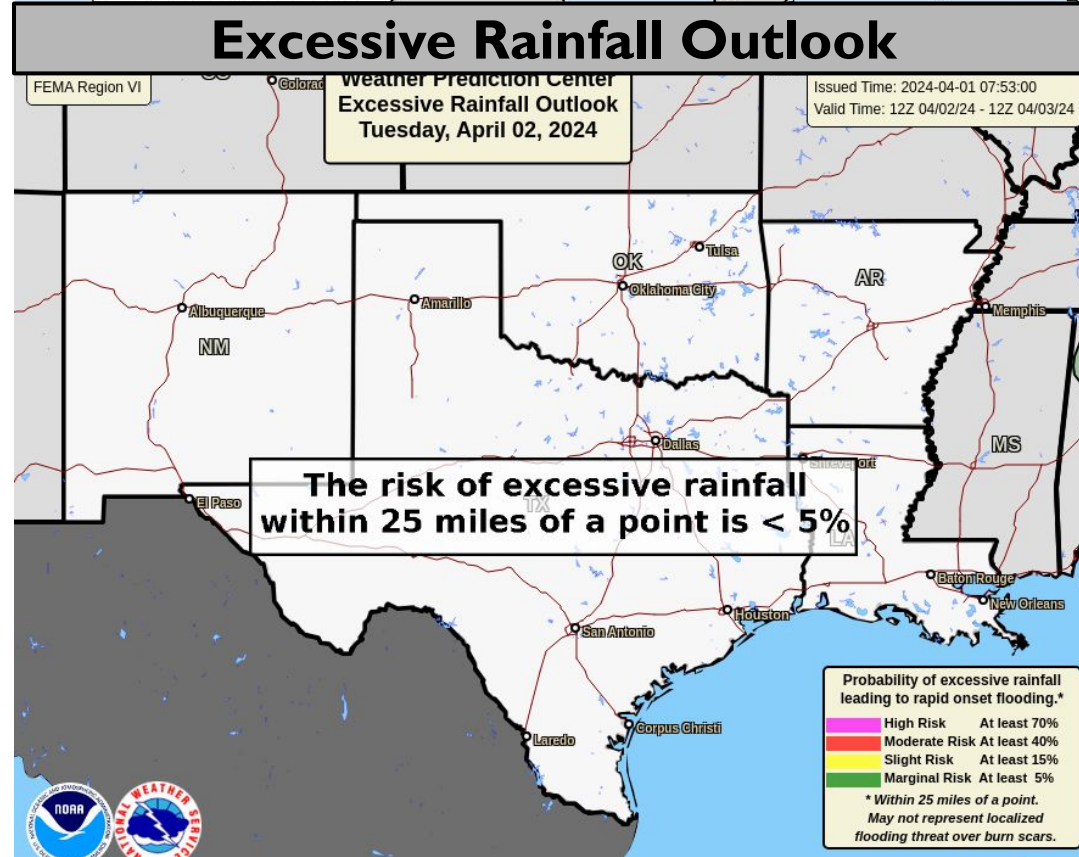
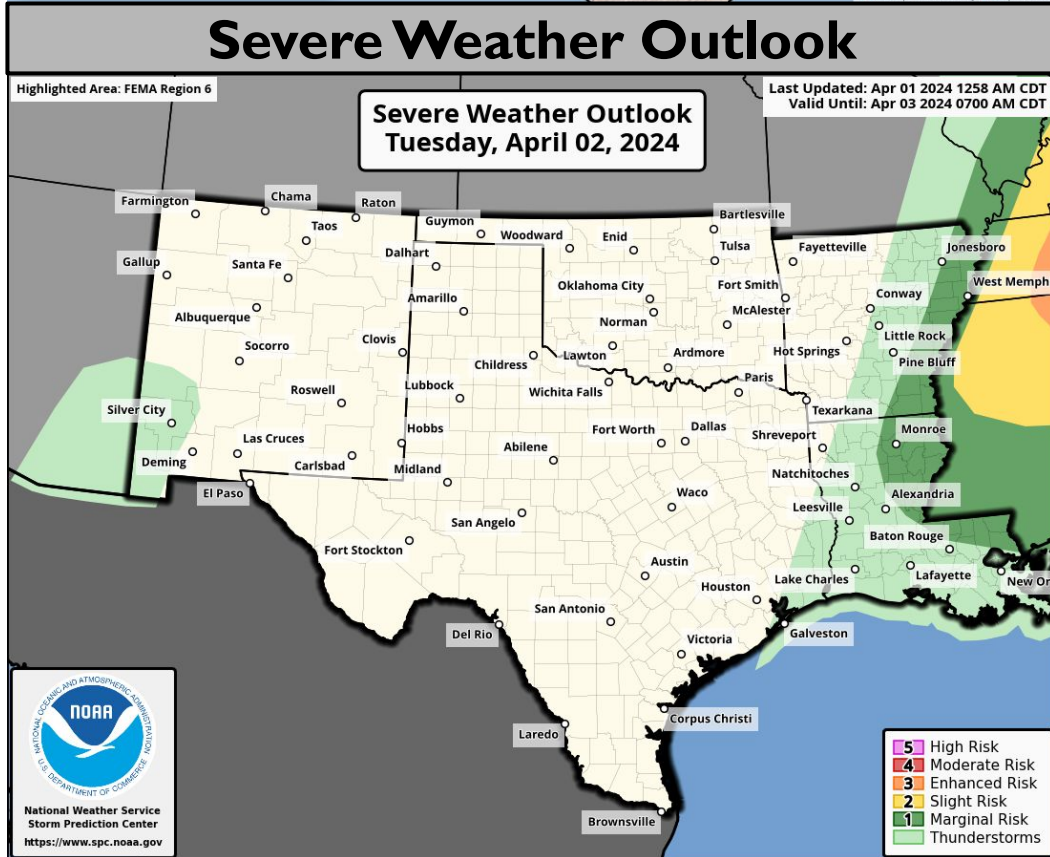




# Tomorrow's Weather

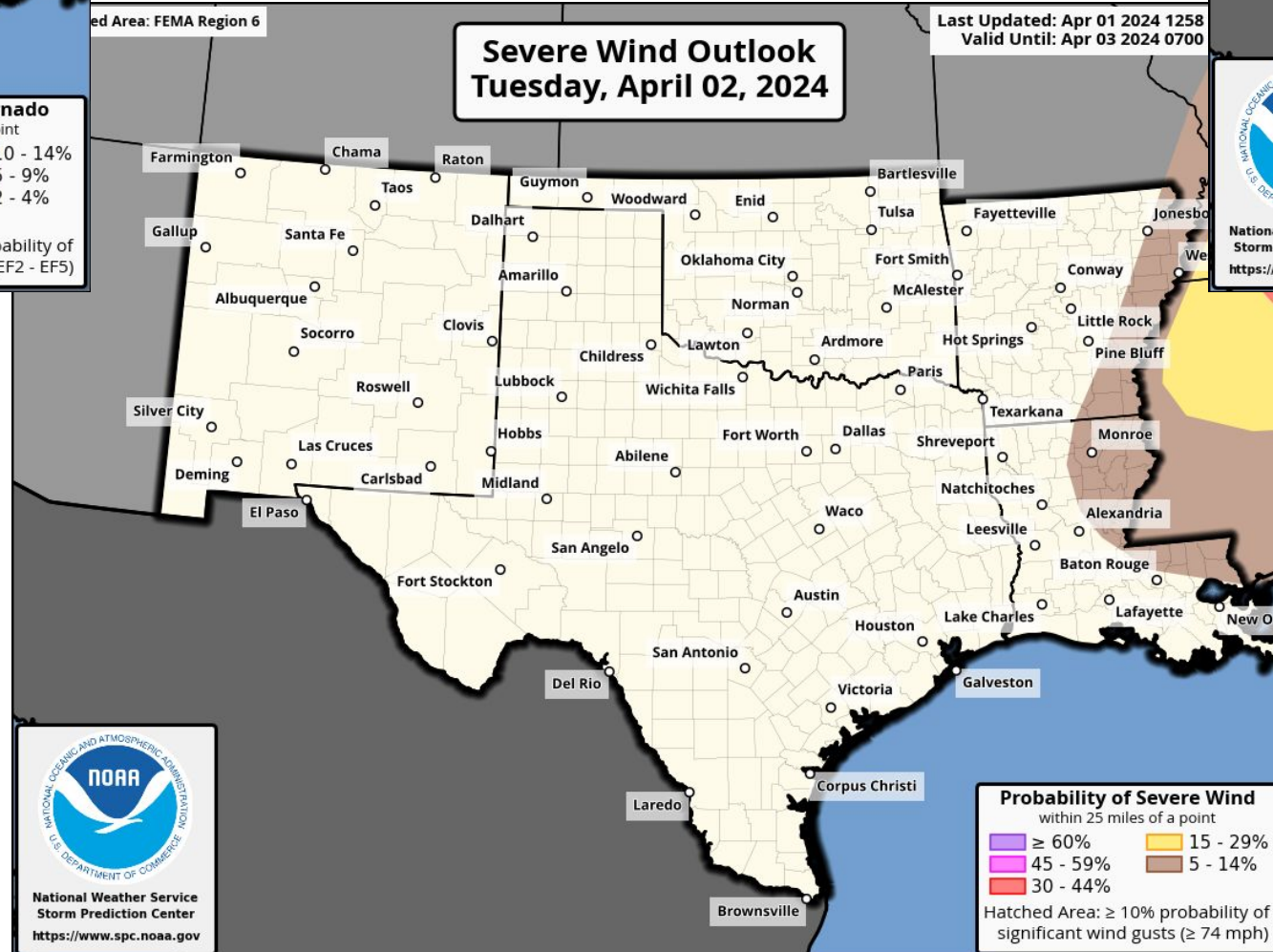
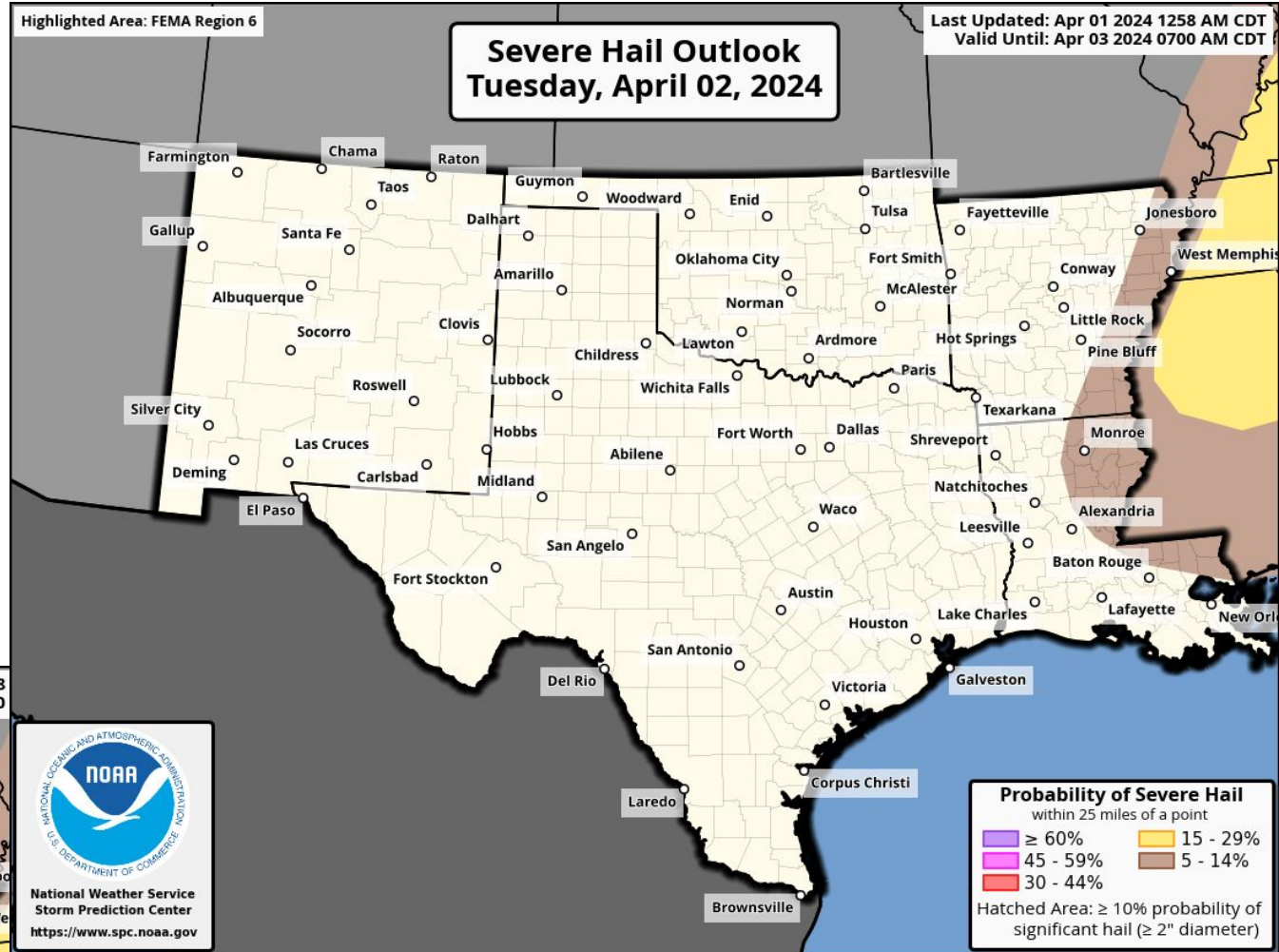
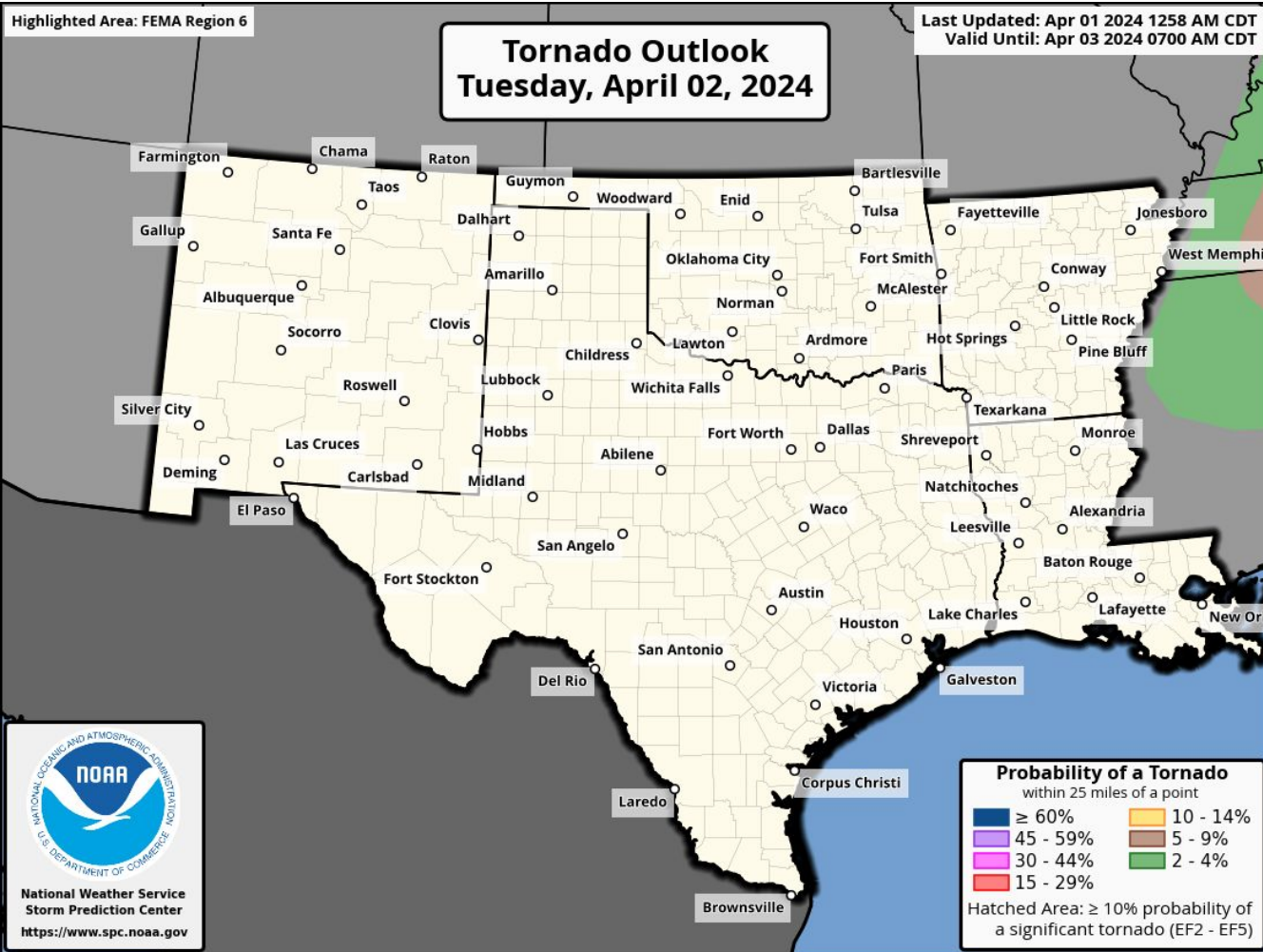


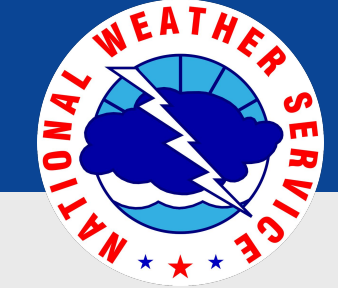
**No significant weather expected.**





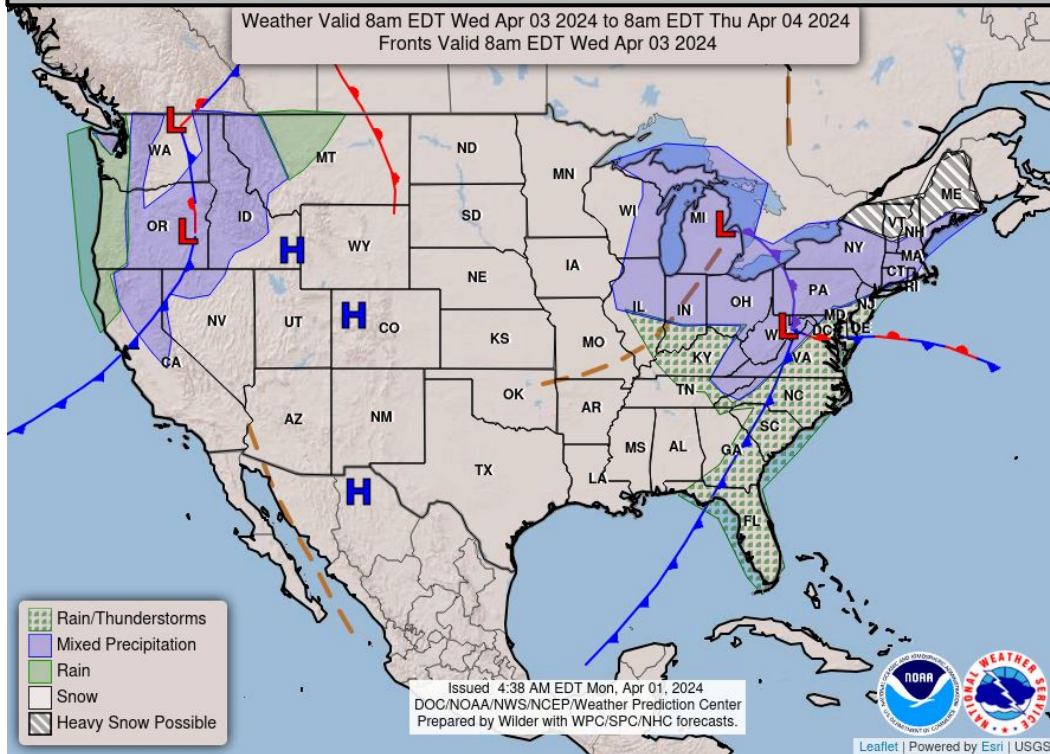
# Tomorrow's Tornado & Severe Wind / Hail Probabilities



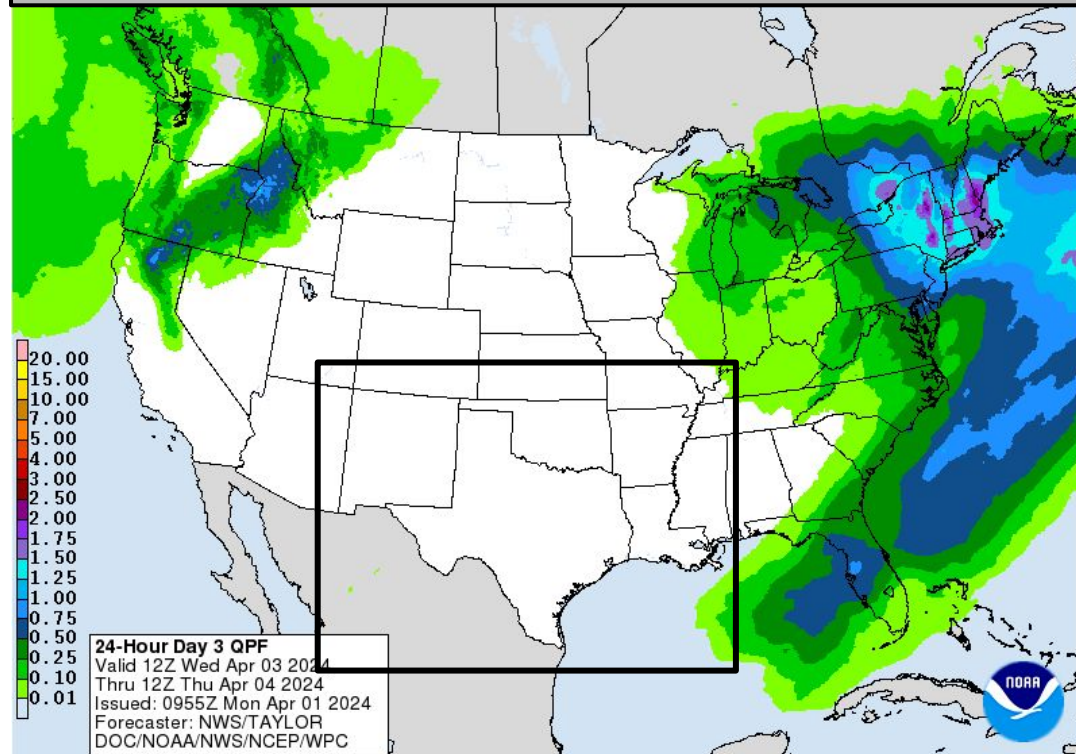


# Wednesday's Weather

## Forecast Chart

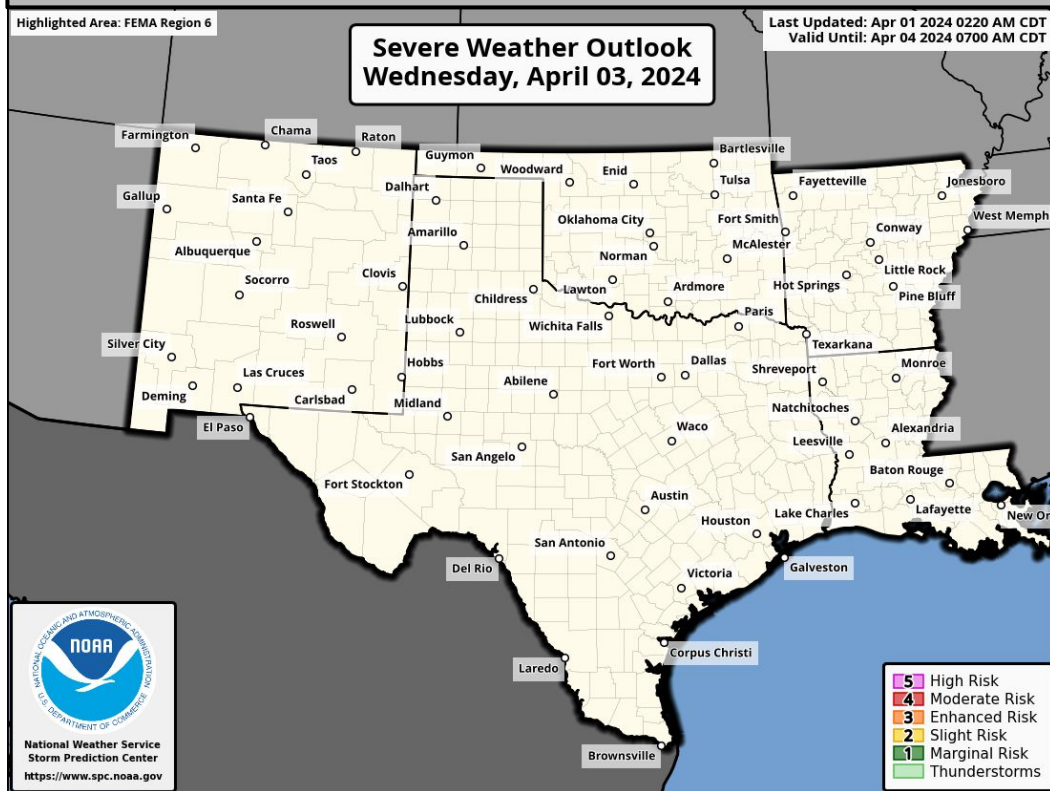


## Forecast Rainfall

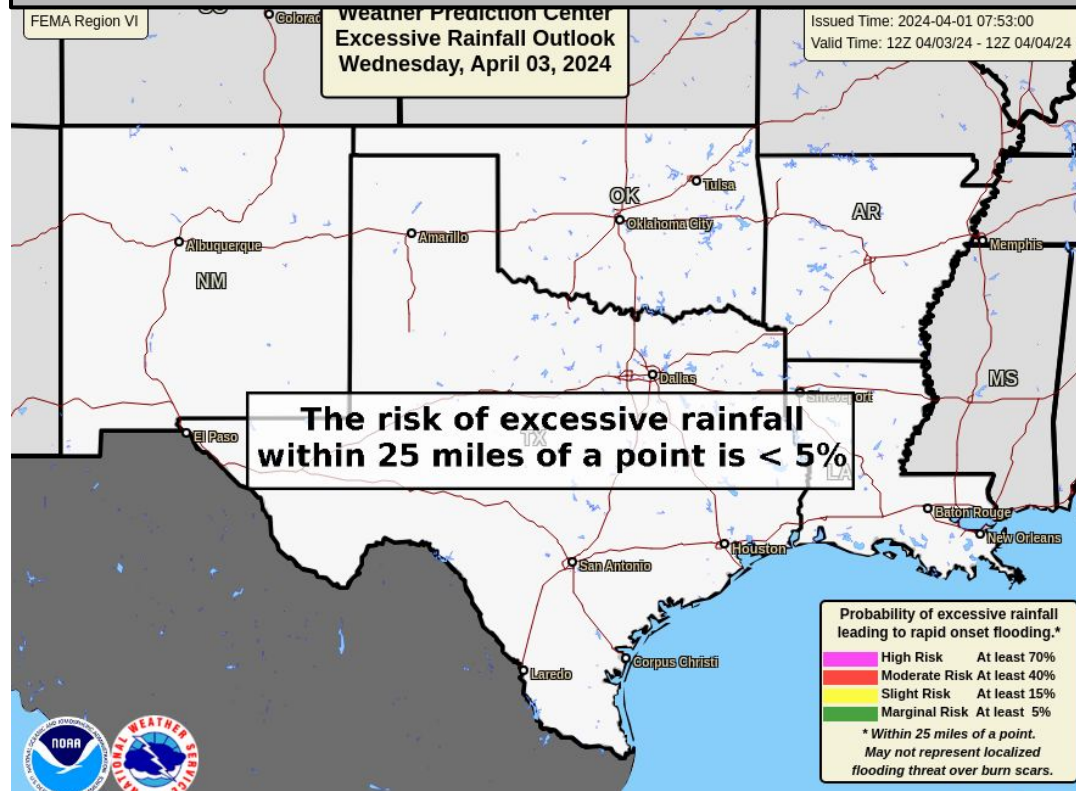


No significant weather expected.

## Severe Weather Outlook



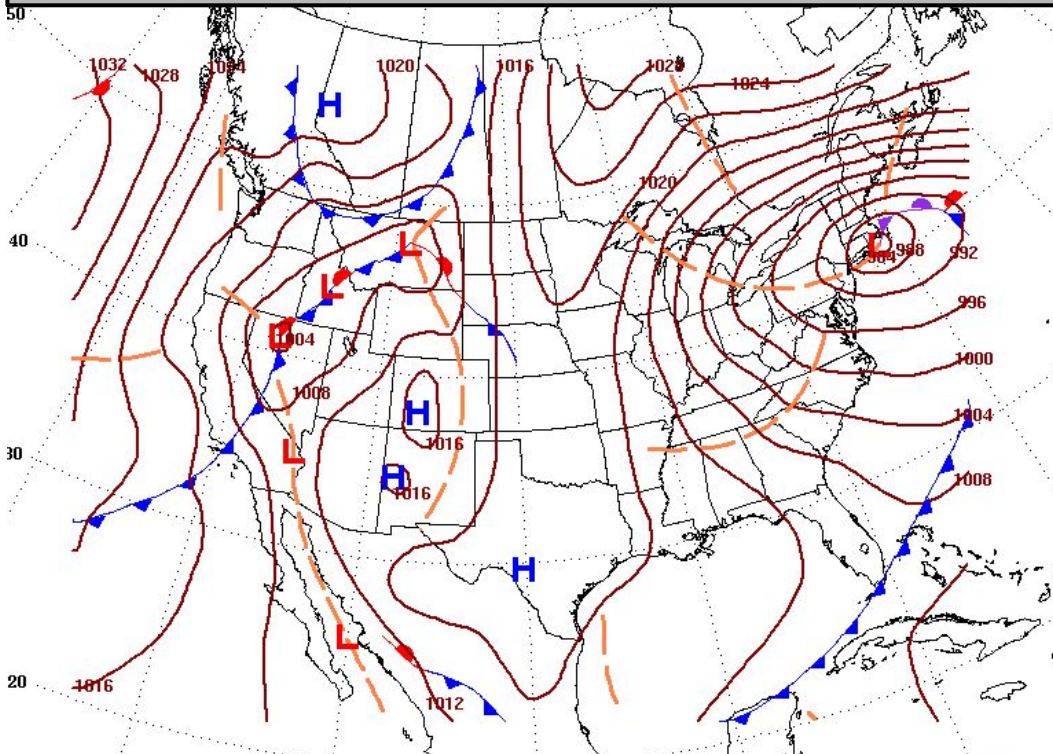
## Excessive Rainfall Outlook



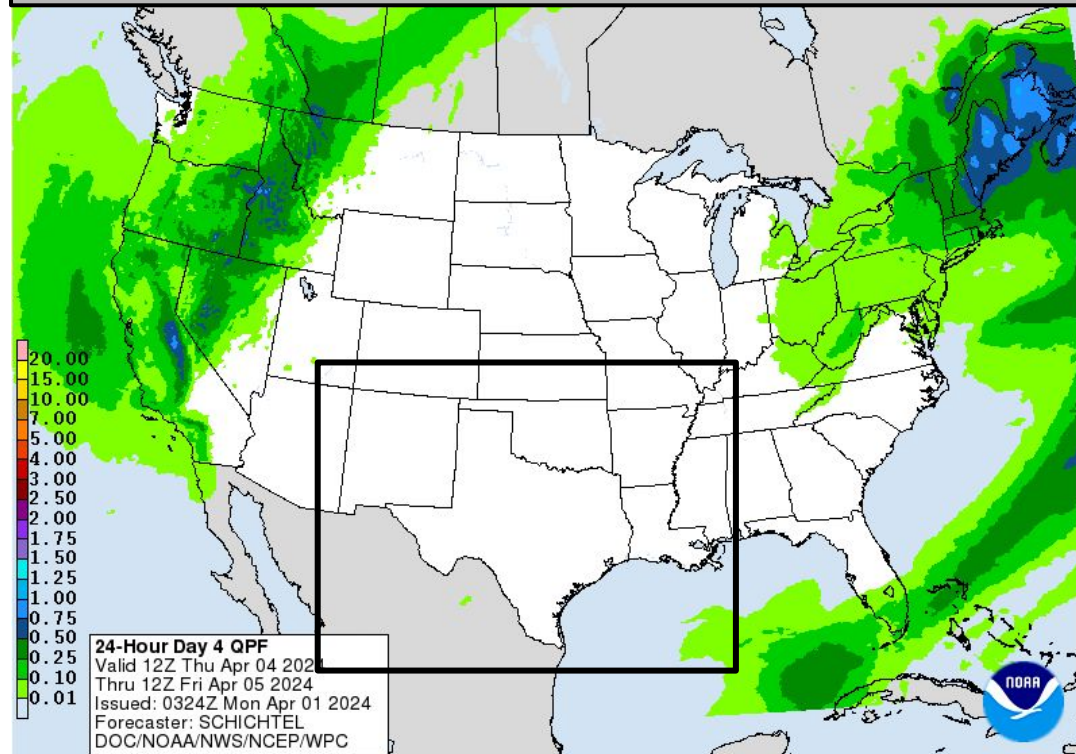


# Thursday's Weather

### Forecast Chart

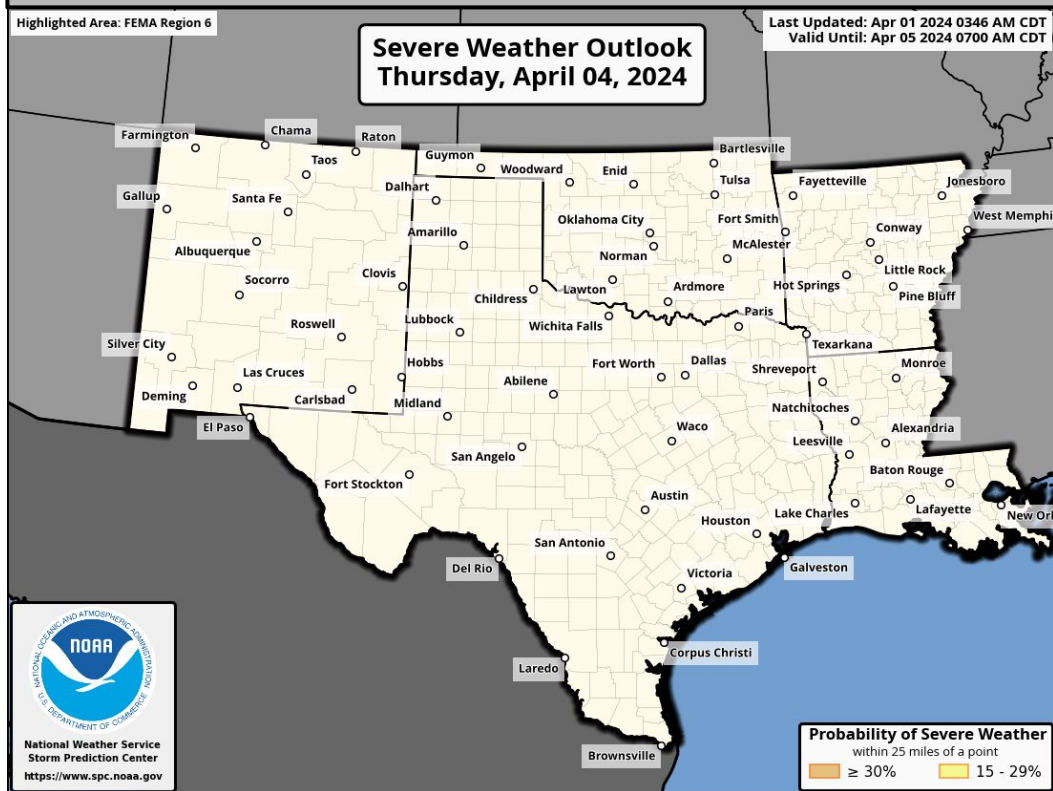


### Forecast Rainfall

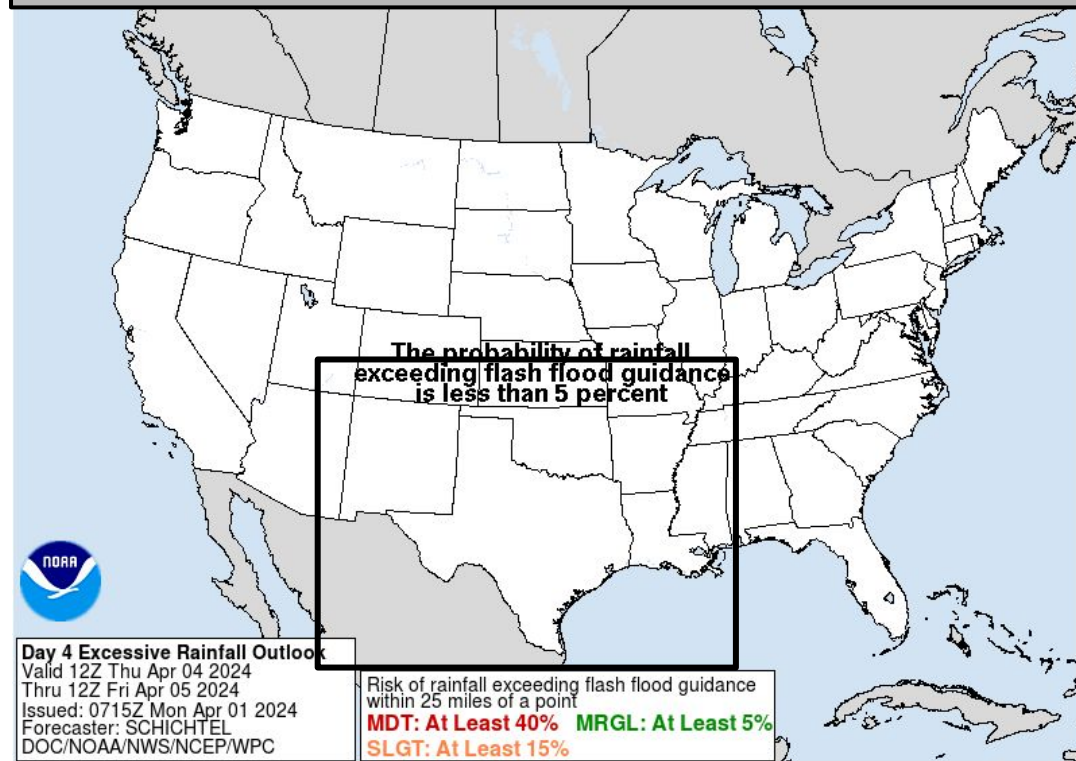


**No significant weather expected.**

### Severe Weather Outlook



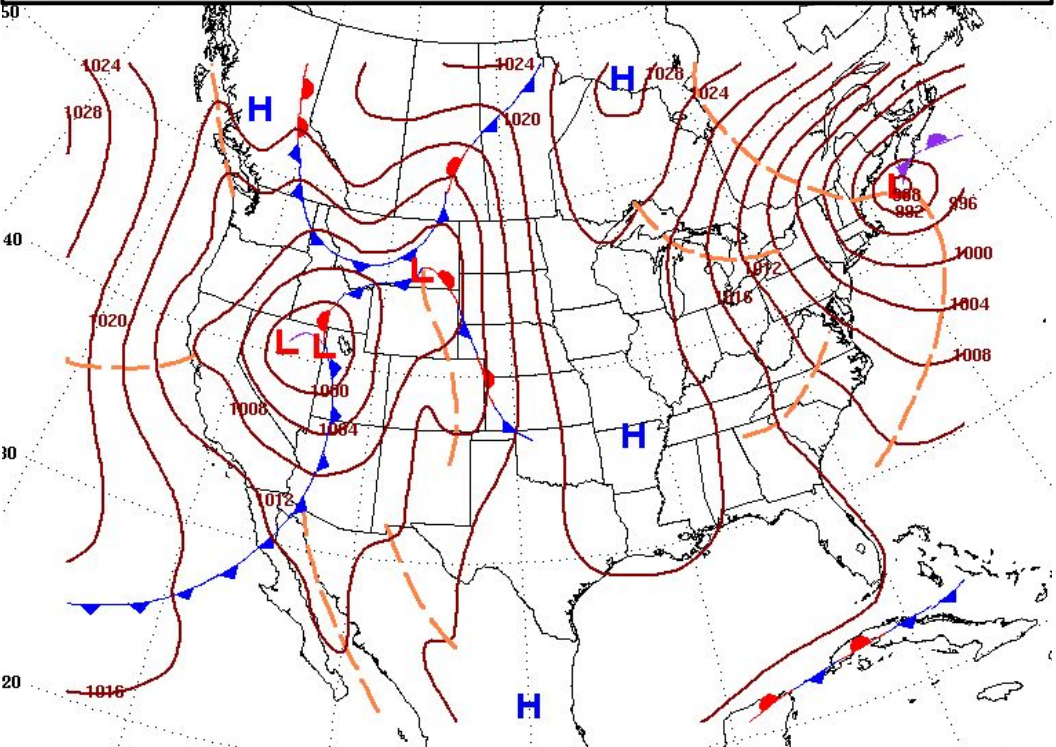
### Excessive Rainfall Outlook



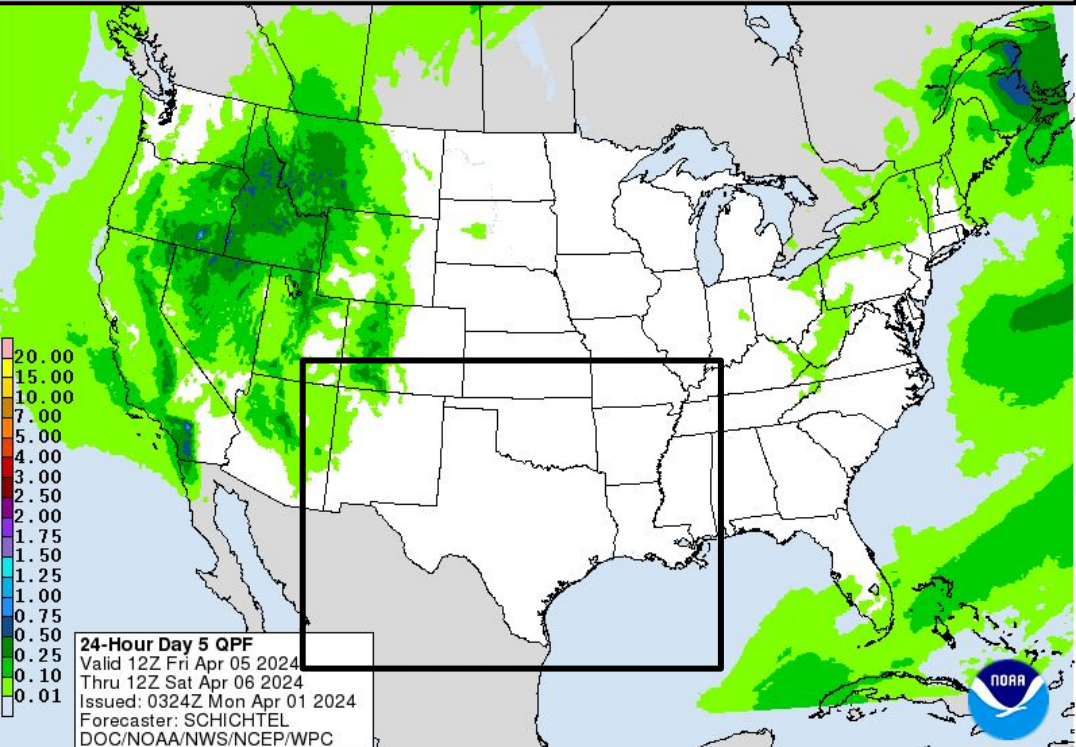


# Friday's Weather

### Forecast Chart

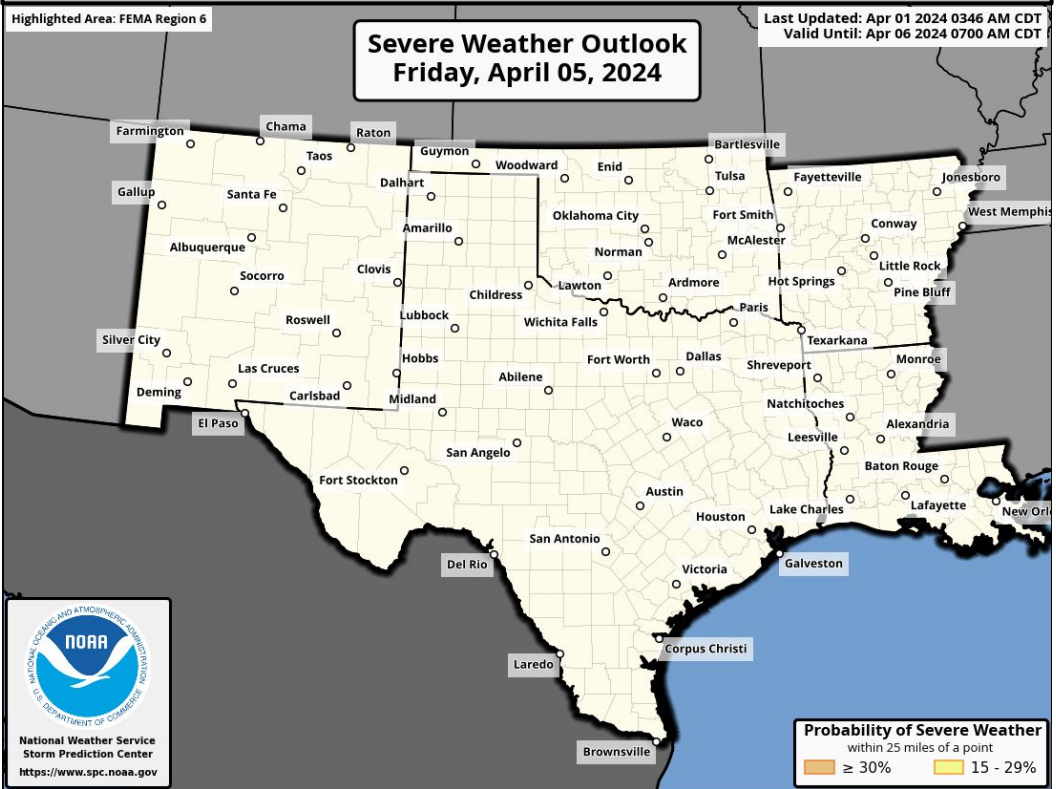


### Forecast Rainfall

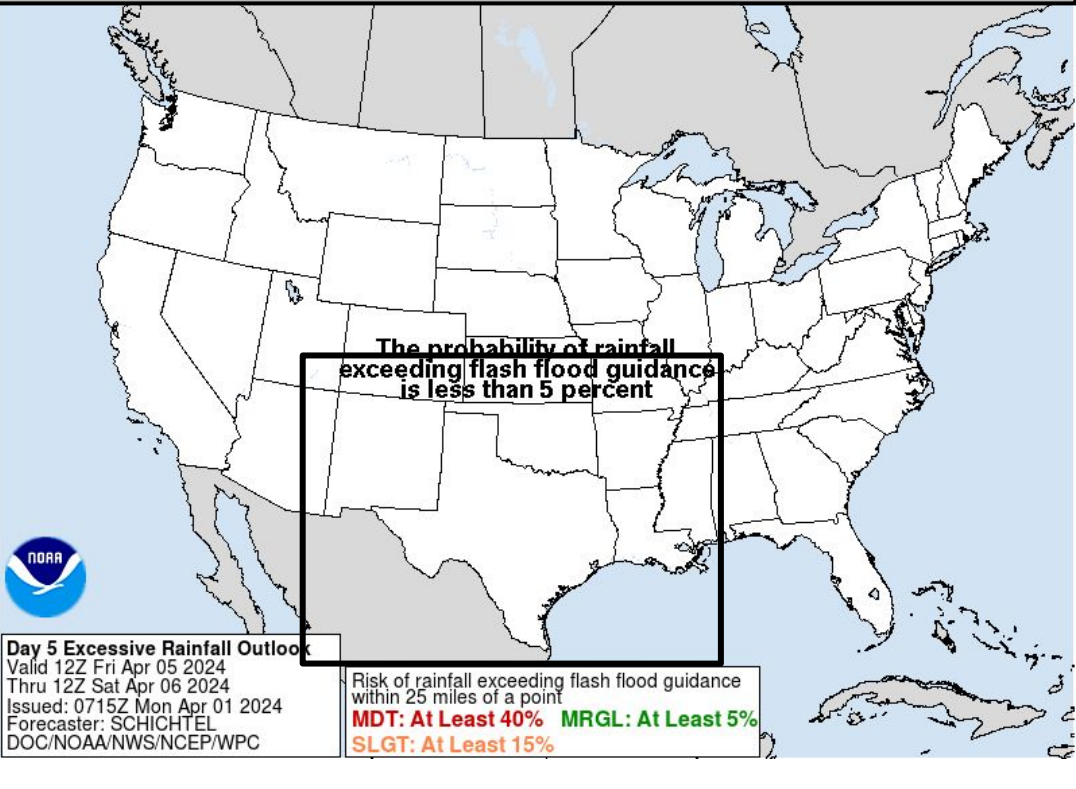


**No significant weather expected.**

### Severe Weather Outlook



### Excessive Rainfall Outlook

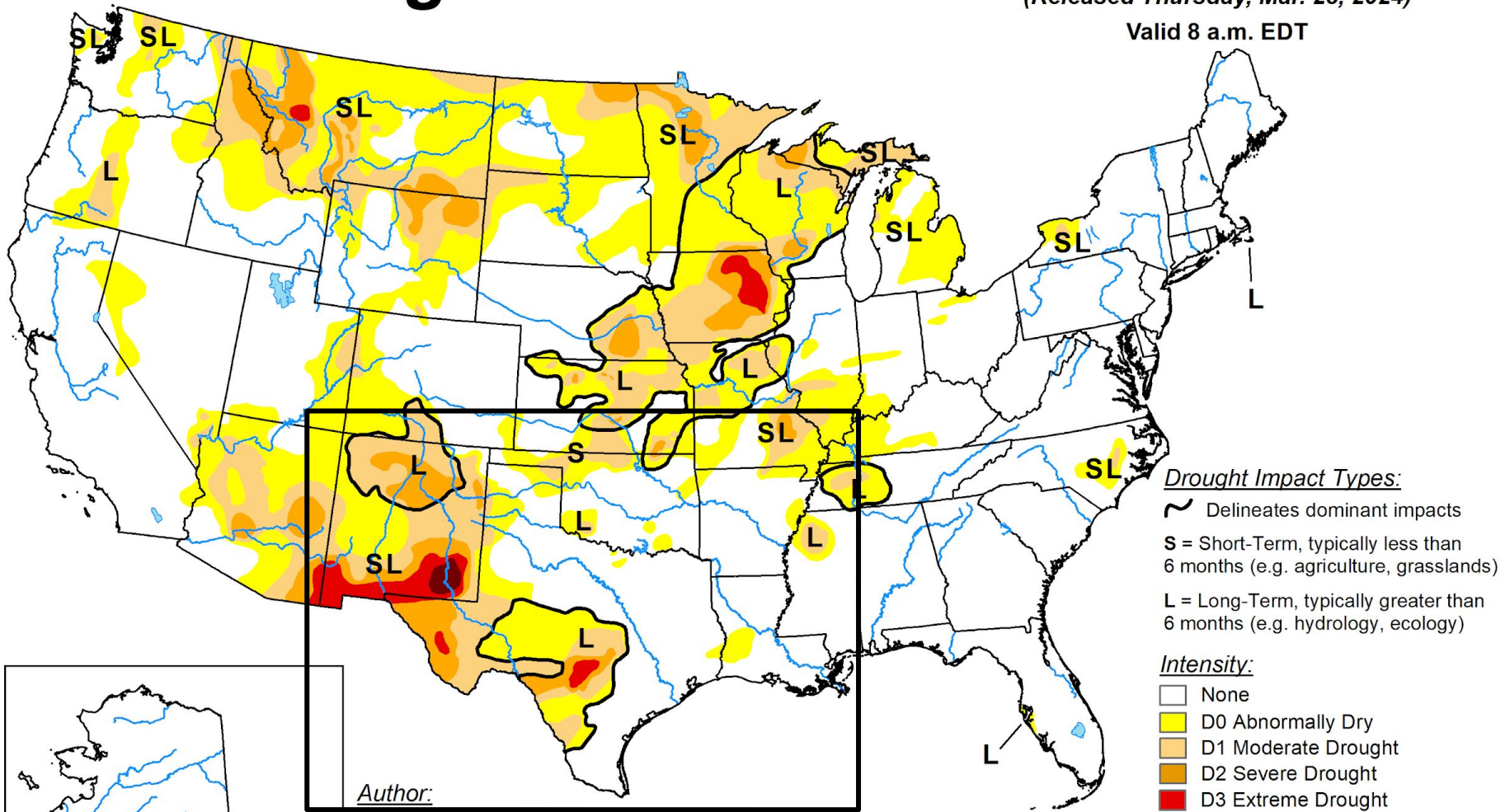




# Drought Monitor

## U.S. Drought Monitor

March 26, 2024  
(Released Thursday, Mar. 28, 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

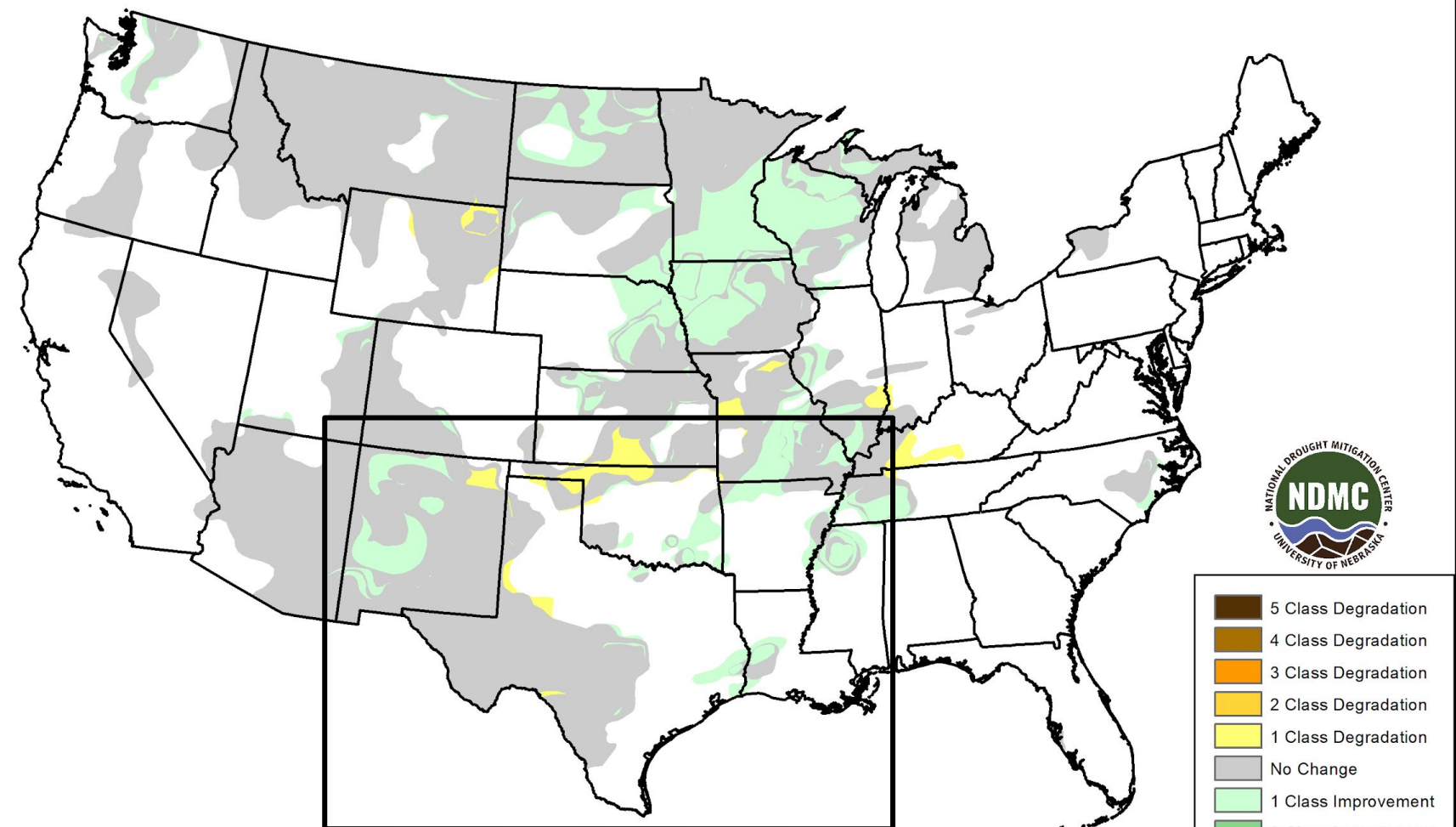
Author:  
Brad Rippey  
U.S. Department of Agriculture

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](https://droughtmonitor.unl.edu)

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

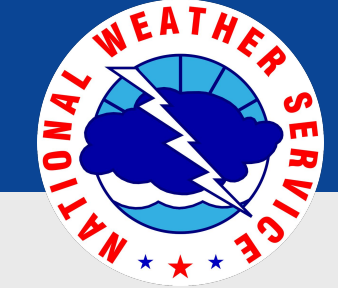


March 26, 2024  
compared to  
March 19, 2024

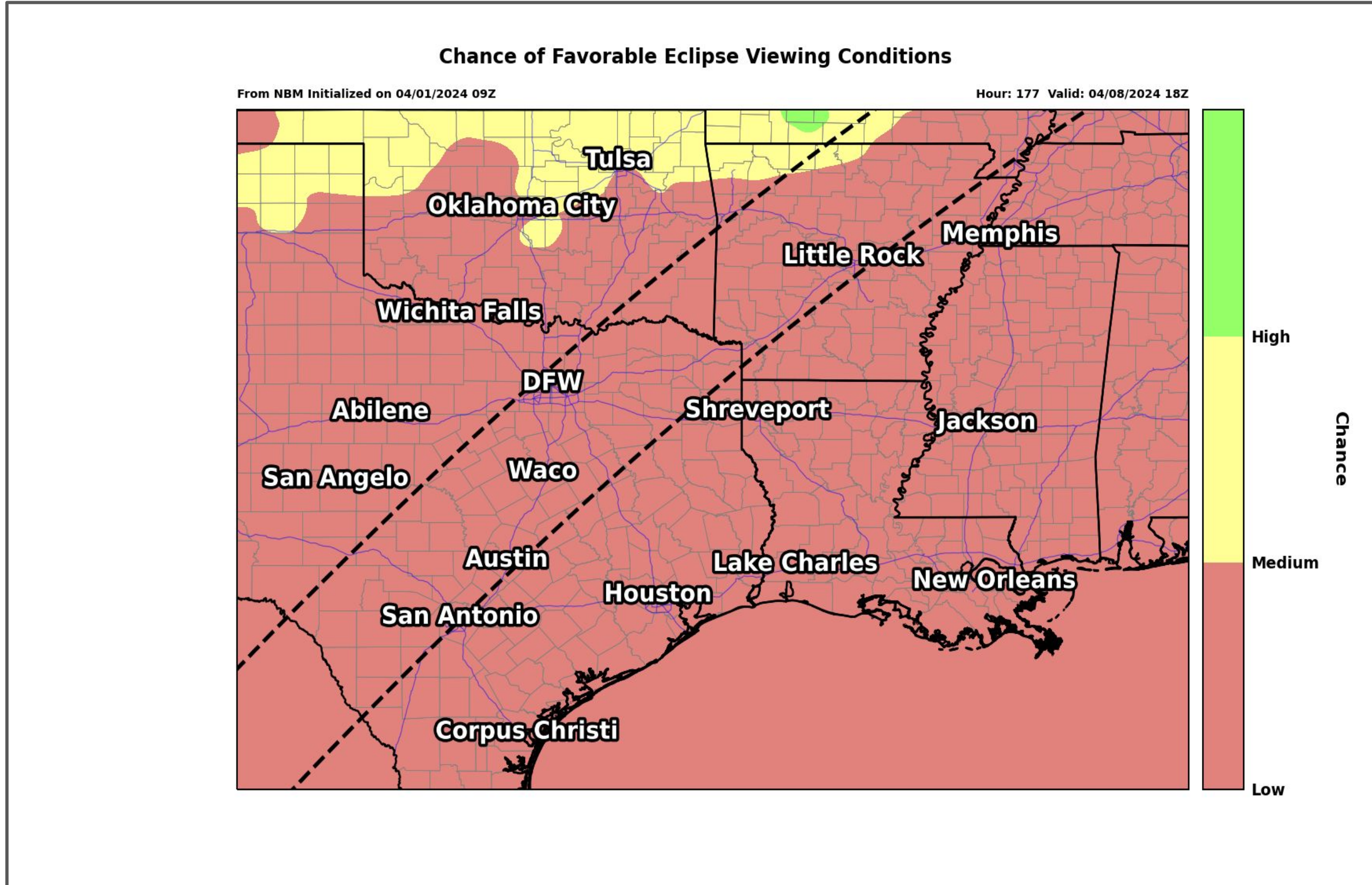
[droughtmonitor.unl.edu](https://droughtmonitor.unl.edu)

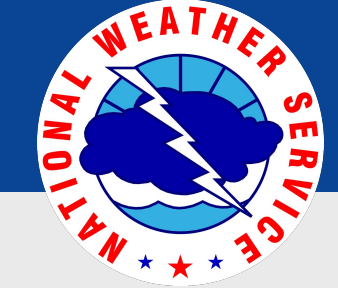


5 Class Degradation  
4 Class Degradation  
3 Class Degradation  
2 Class Degradation  
1 Class Degradation  
No Change  
1 Class Improvement  
2 Class Improvement  
3 Class Improvement  
4 Class Improvement  
5 Class Improvement



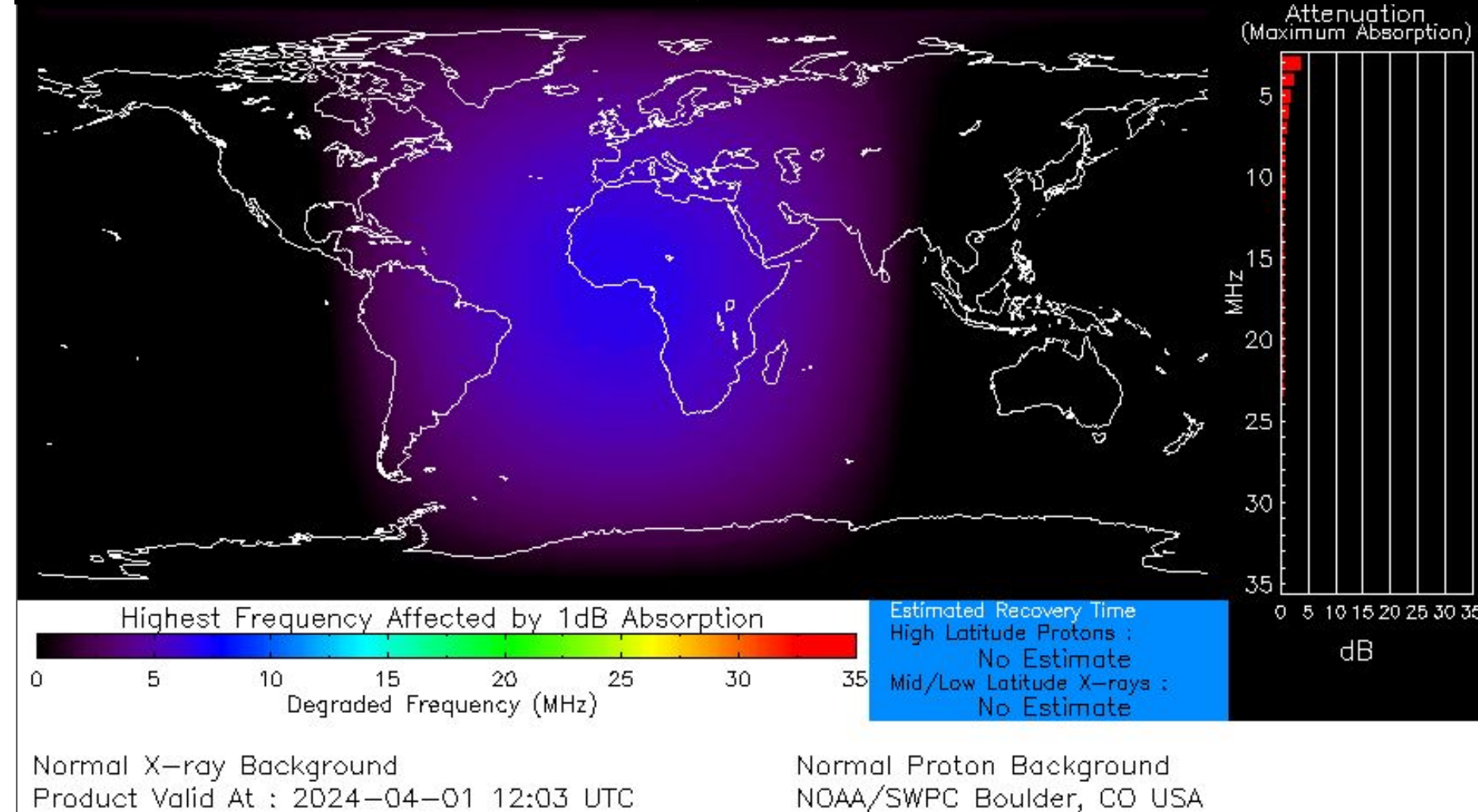
# April 8, 2024 Eclipse Cloud Cover





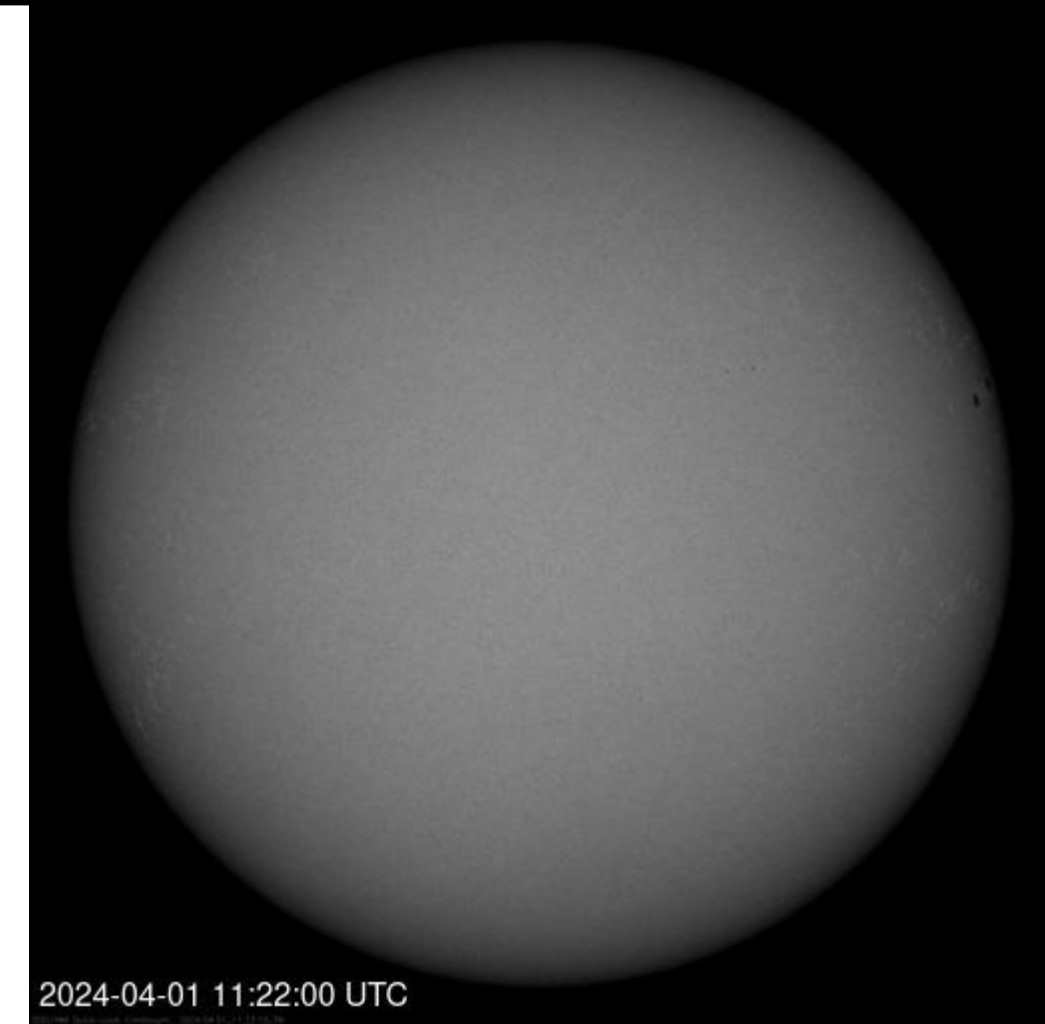
# Space Weather 3-Day Forecast

	Monday, Apr 1	Tuesday, Apr 2	Wednesday, Apr 3
<b>Geomagnetic Storms</b>	<b>Unsettled (Max Kp = 3)</b>	<b>Unsettled (Max Kp = 3)</b>	<b>Unsettled (Max Kp = 3)</b>
<b>Solar Radiation Storm (S1-S5)</b>	<b>5%</b>	<b>5%</b>	<b>5%</b>
<b>Radio Blackout (R1-R2)</b>	<b>10%</b>	<b>10%</b>	<b>10%</b>
<b>Radio Blackout (R3-R5)</b>	<b>1%</b>	<b>1%</b>	<b>1%</b>



[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;"><b>Little to None</b></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"> <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	<p style="text-align: center;"><b>Minor</b></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"> <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	<p style="text-align: center;"><b>Moderate</b></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"> <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	<p style="text-align: center;"><b>Major</b></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"> <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	<p style="text-align: center;"><b>Extreme</b></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"> <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

Southern Region Headquarters

Regional Operations Center

Fort Worth, TX



**Phone:** (682) 703-3747



**Facebook:** NWSSouthern



**E-mail:** [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)



**Twitter:** NWSSouthern



**Web:** [www.weather.gov/srh](http://www.weather.gov/srh)

