



FEMA



Prepared by
Melissa Beat

FEMA Region 6 Weather Threat Briefing

Monday, March 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 fire weather threat for E NM, OK/TX Panhandles, and W OK today and again on Wed and Thurs.**
- **Marginal risk for severe storms over SE OK, Ctrl/E TX, AR and LA today and Tuesday. Potential for storms again in Ctrl/NE TX, N LA Thursday and E TX, LA on Friday.**
- **Slight risk for heavy rainfall over SE LA today and Tuesday. Marginal risk over E OK, E TX, AR, LA Thurs and Fri.**
- **Isolated minor river flooding in SE TX and N LA.**











FEMA Region 6 Threat Matrix

Next 5 Days

| | Monday, Mar 4 | Tuesday, Mar 5 | Wednesday, Mar 6 | Thursday, Mar 7 | Friday, Mar 8 |
|------------------------------------|--------------------------------|--------------------|------------------|----------------------|-------------------|
| Severe Storms | SE OK, Ctrl/ETX, AR, LA | SE OK, ETX, AR, LA | | Ctrl/NETX, N LA | ETX, LA |
| Heavy Rain / Flash Flooding | SE LA | SE LA | | E OK, NETX, AR, N LA | E OK, ETX, AR, LA |
| Fire Weather | E NM, OK/TX Panhandles W OK | | E NM, WTX, W OK | E NM, WTX, W OK | |
| Cold | | | | | |
| Winter Weather | | | | | |
| River Flooding | SETX, N LA | SETX, N LA | SETX, N LA | SETX, N LA | SETX, N LA |

| | |
|--|-----------------------------------|
|  | No Weather Threats Expected |
|  | Very Common – Happens Often |
|  | Common – Happens Frequently |
|  | Uncommon – A Few Times a Year |
|  | Rare – Once Every 1-5 Years |
|  | Very Rare – Once Every 5-10 Years |

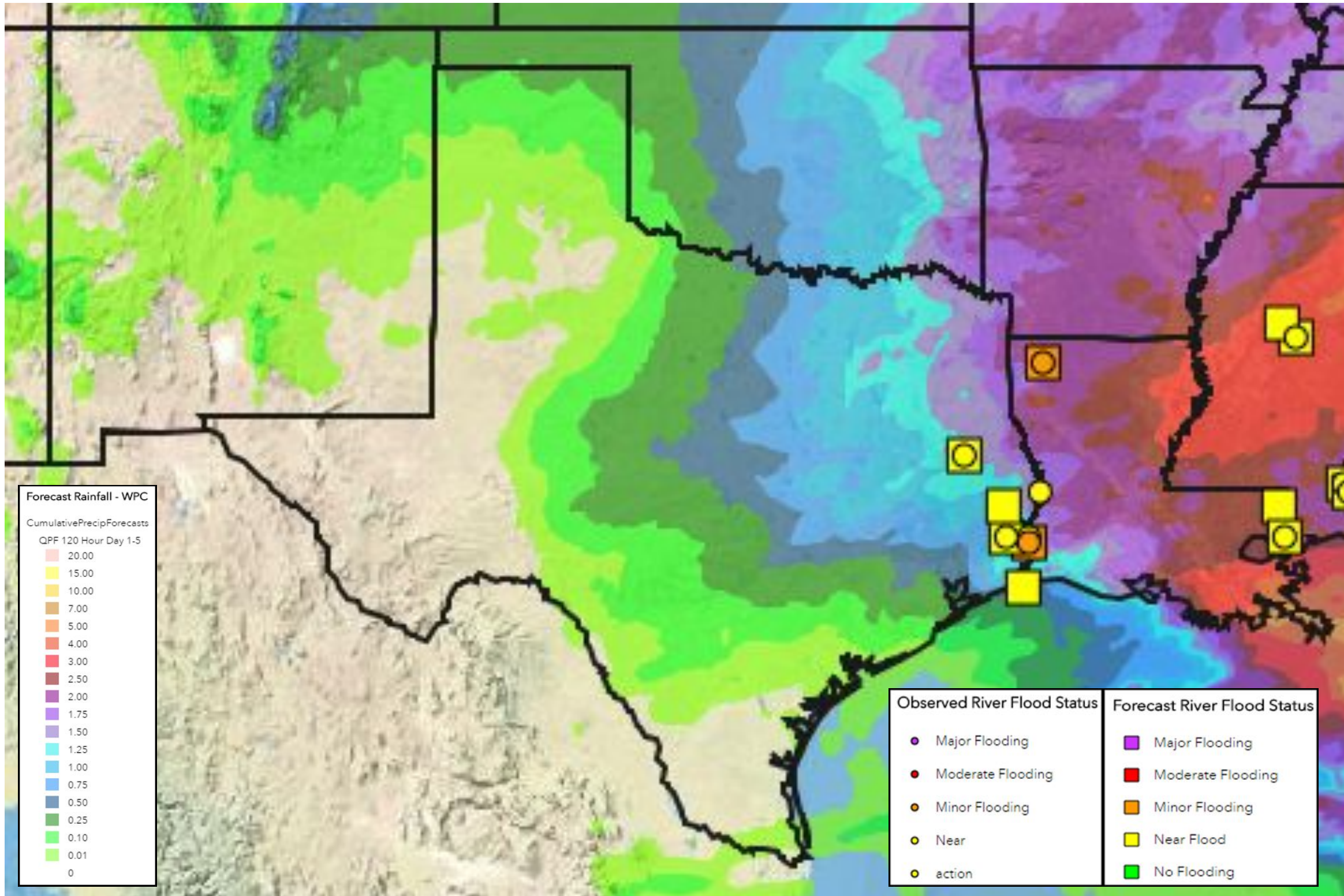
**Threat levels are based on FEMA Region 6 criteria.
State or local threat level criteria may differ.*
For more details on the colors in the threat matrix refer to the last slide in this briefing.*



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 in SE TX and N LA.
No significant impacts to structures or population.

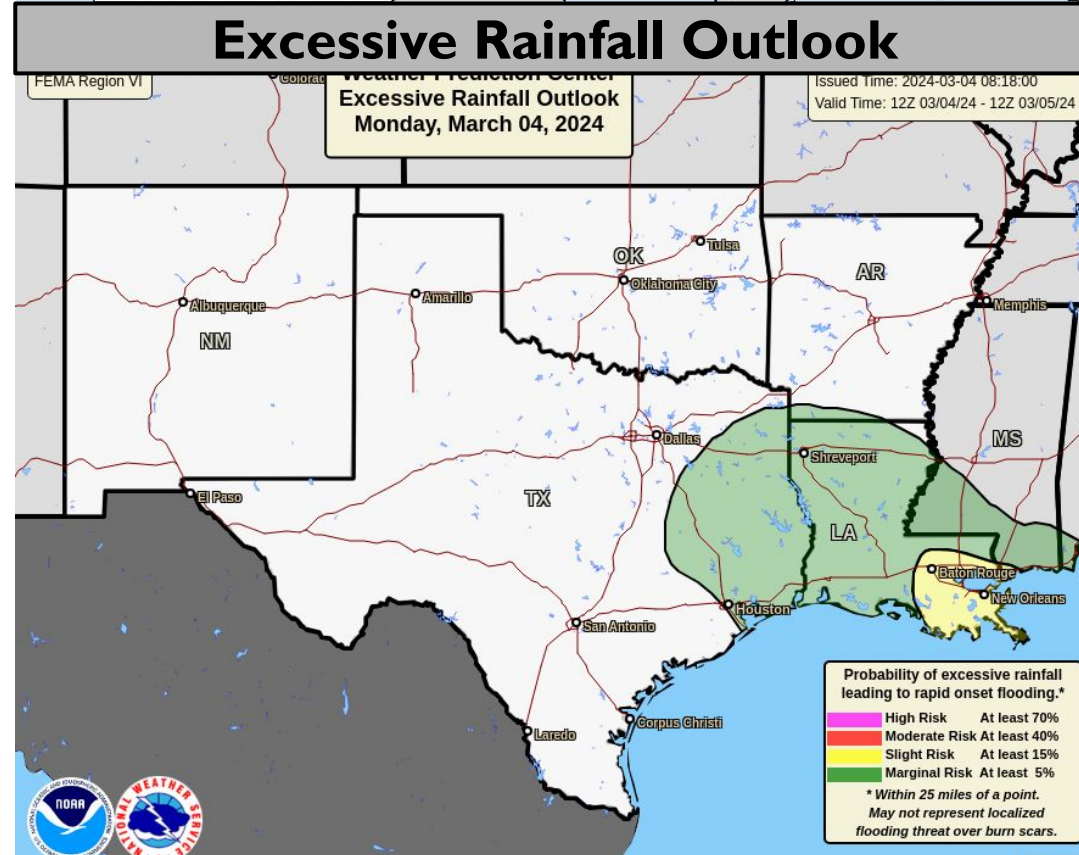
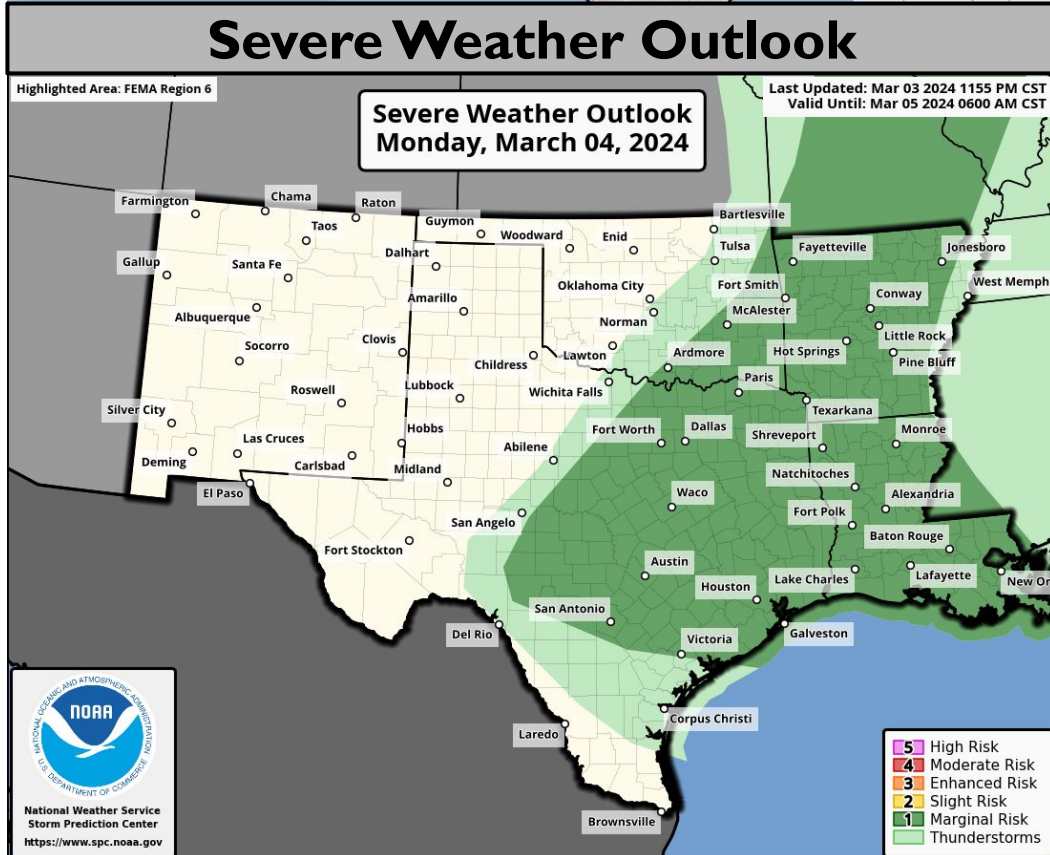
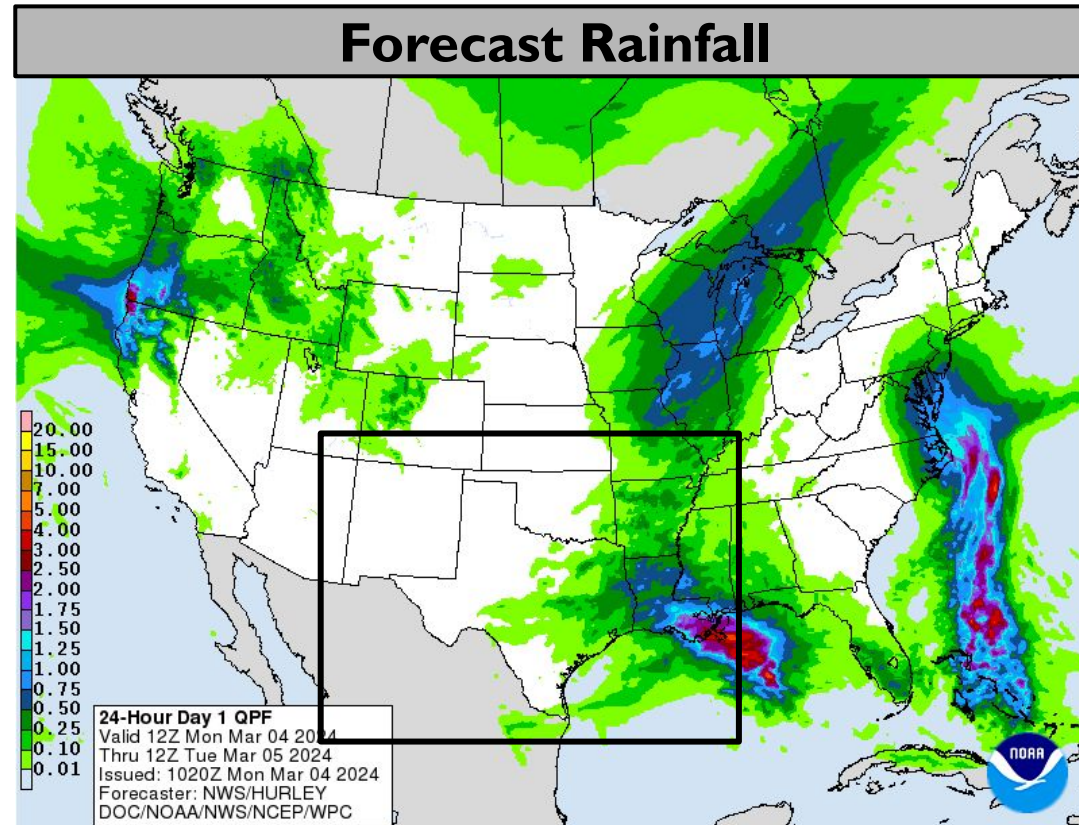
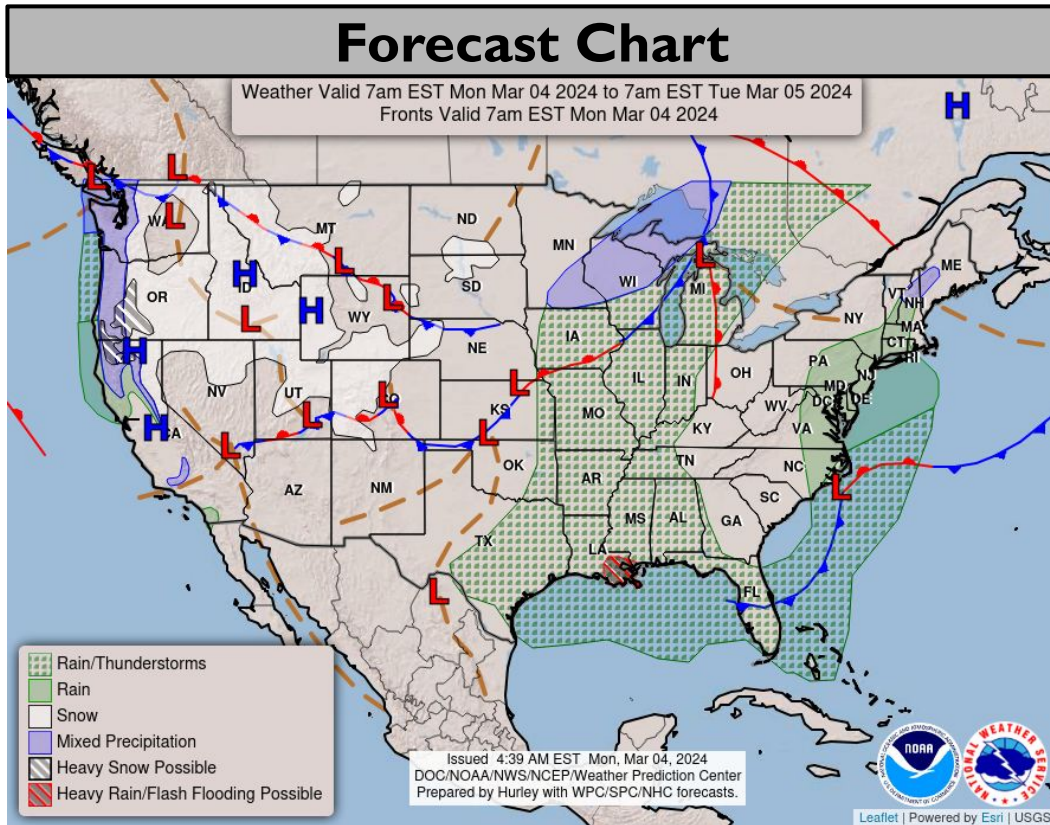


See <http://water.weather.gov/ahps> for latest river flooding





Today's Weather



Elevated fire weather conditions over E NM, OK/TX Panhandles, W OK.

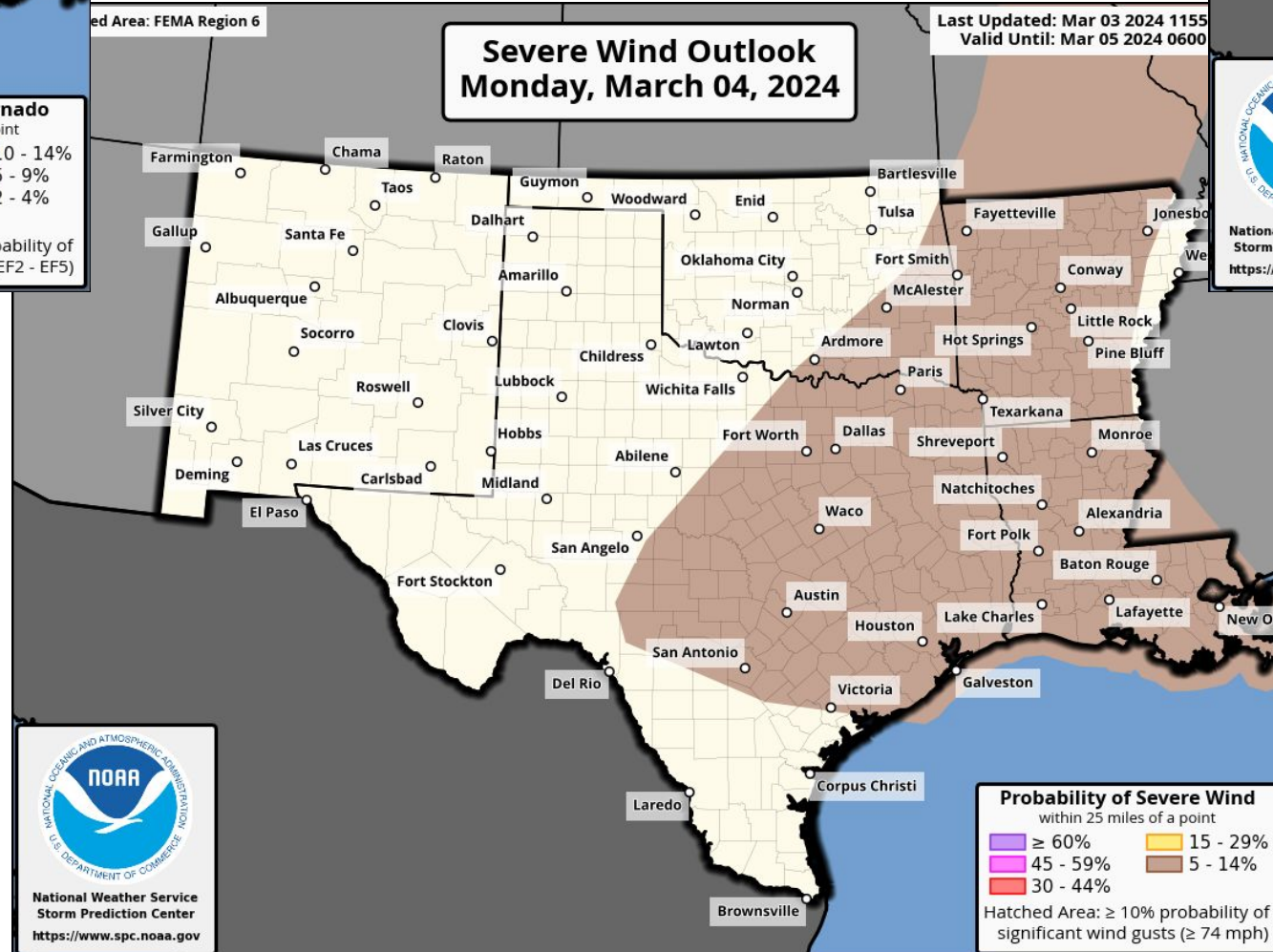
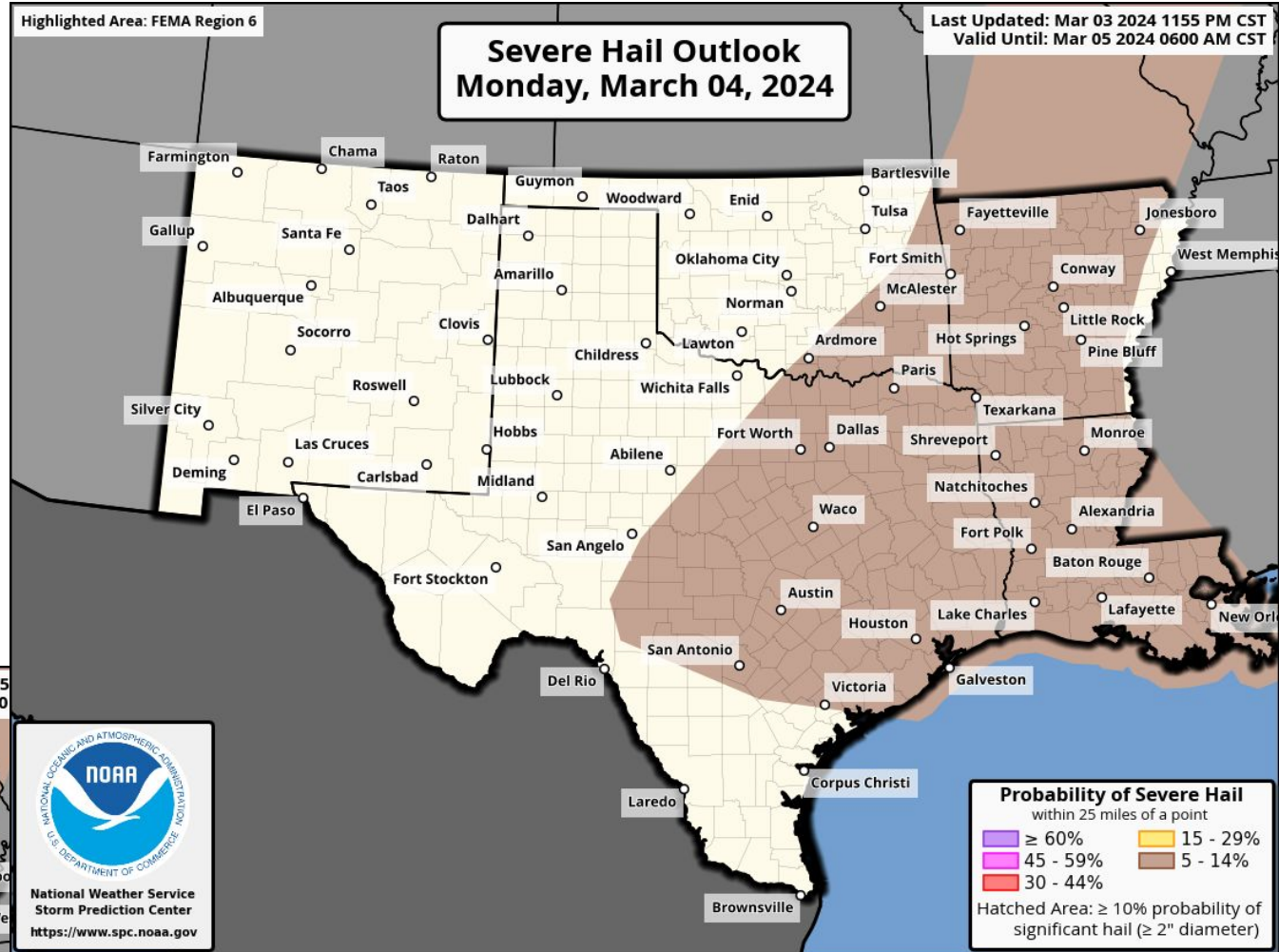
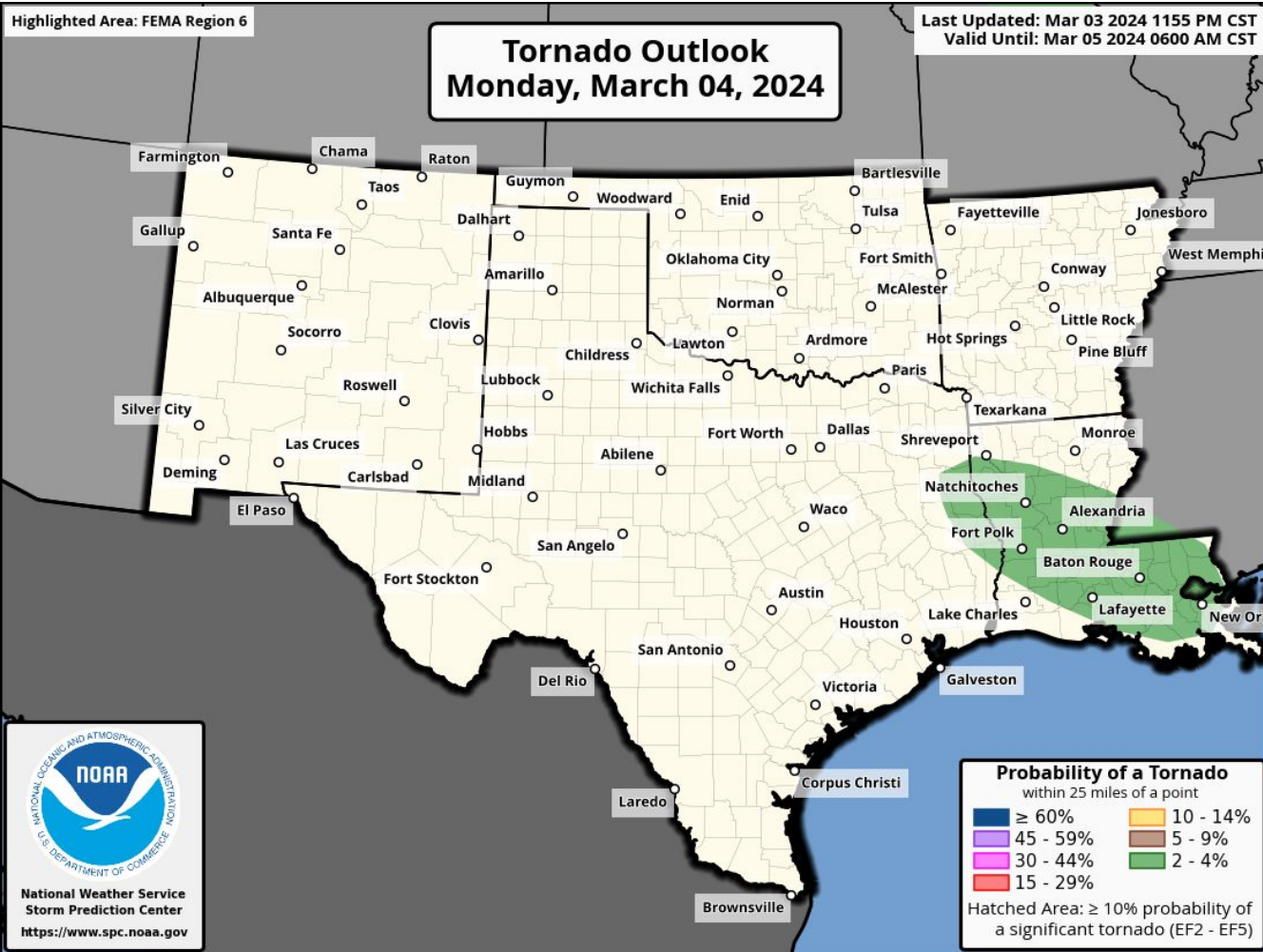
Marginal risk for severe storms over SE OK, Ctrl/E TX, AR and LA with damaging winds/hail the main threats.

Slight risk for heavy rainfall/flash flooding over SE LA.



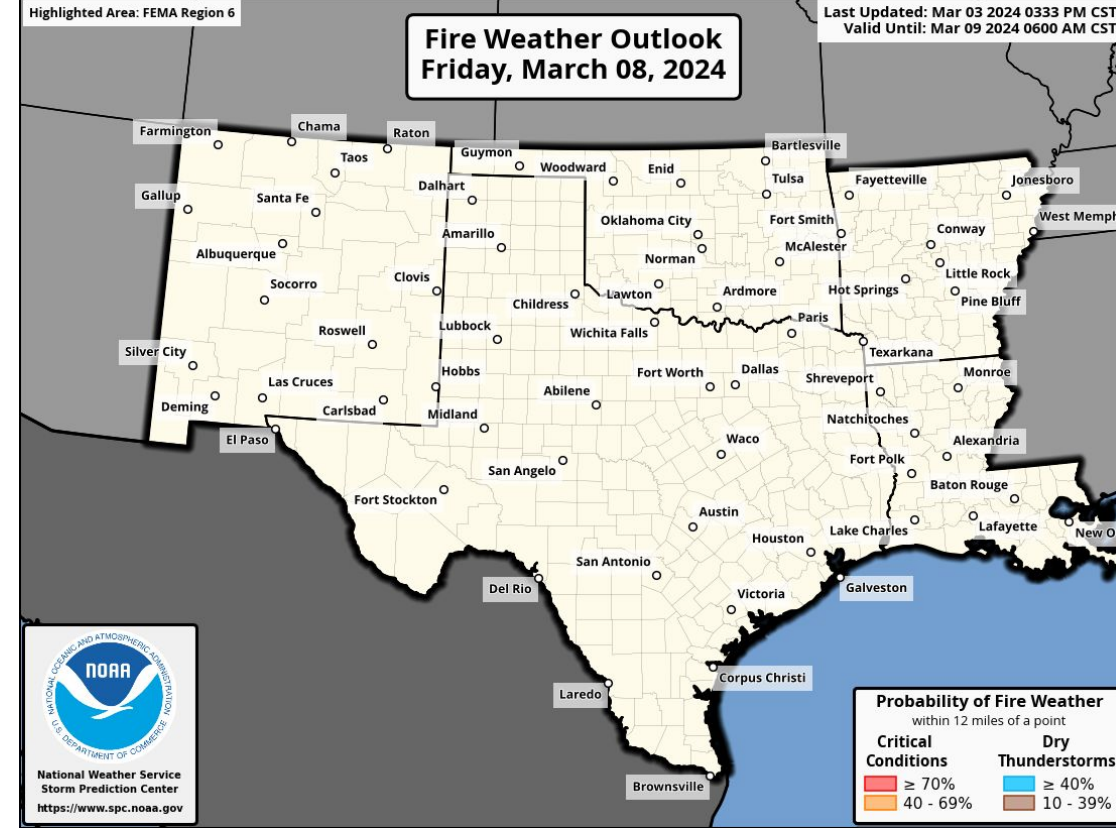
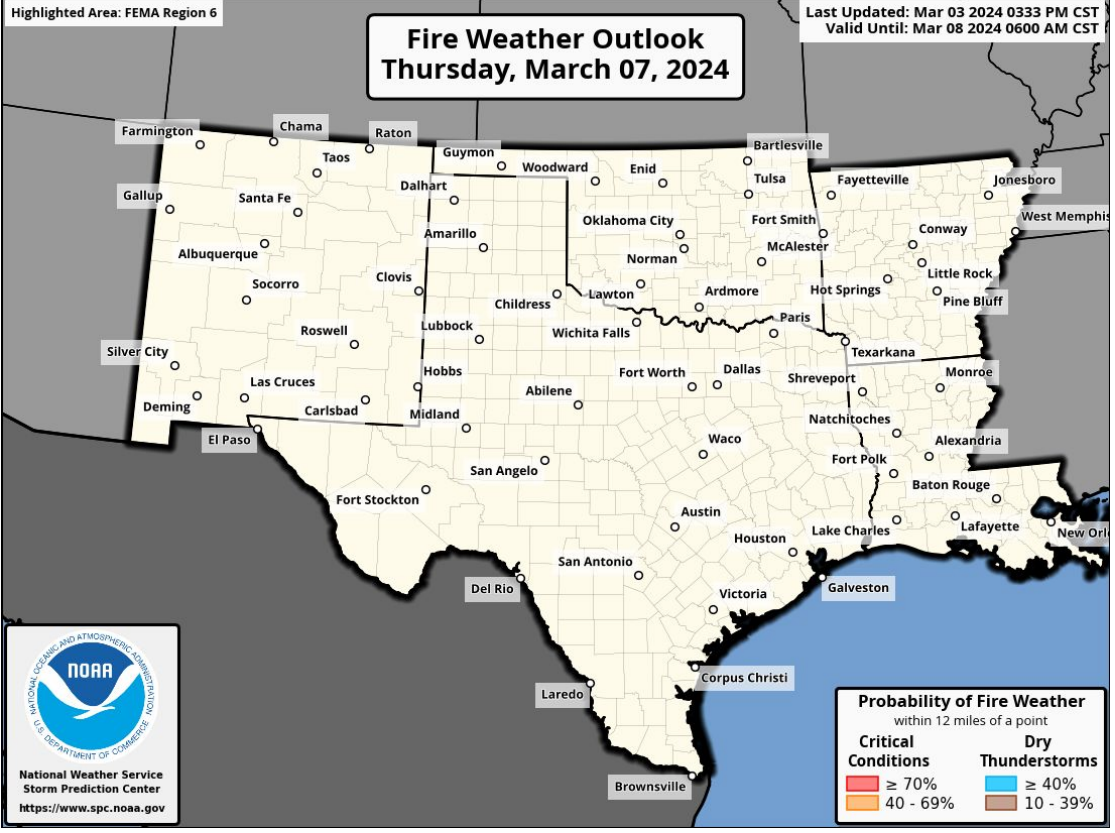
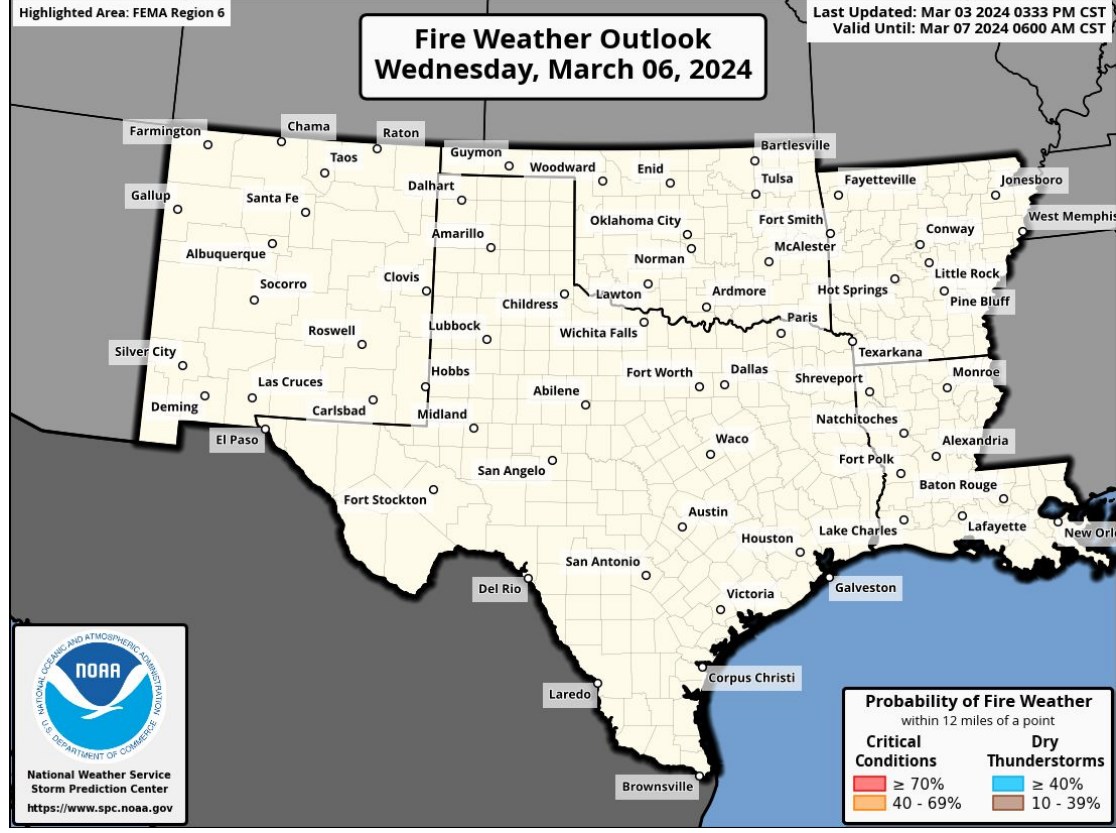
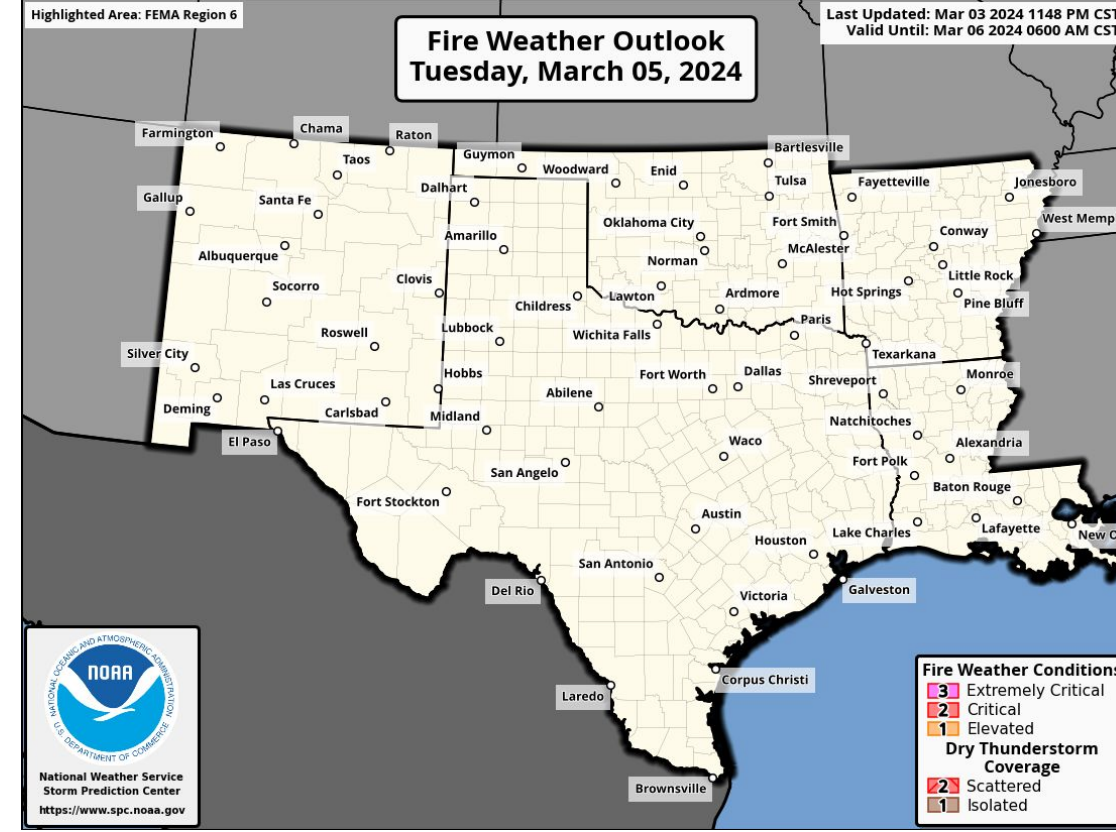
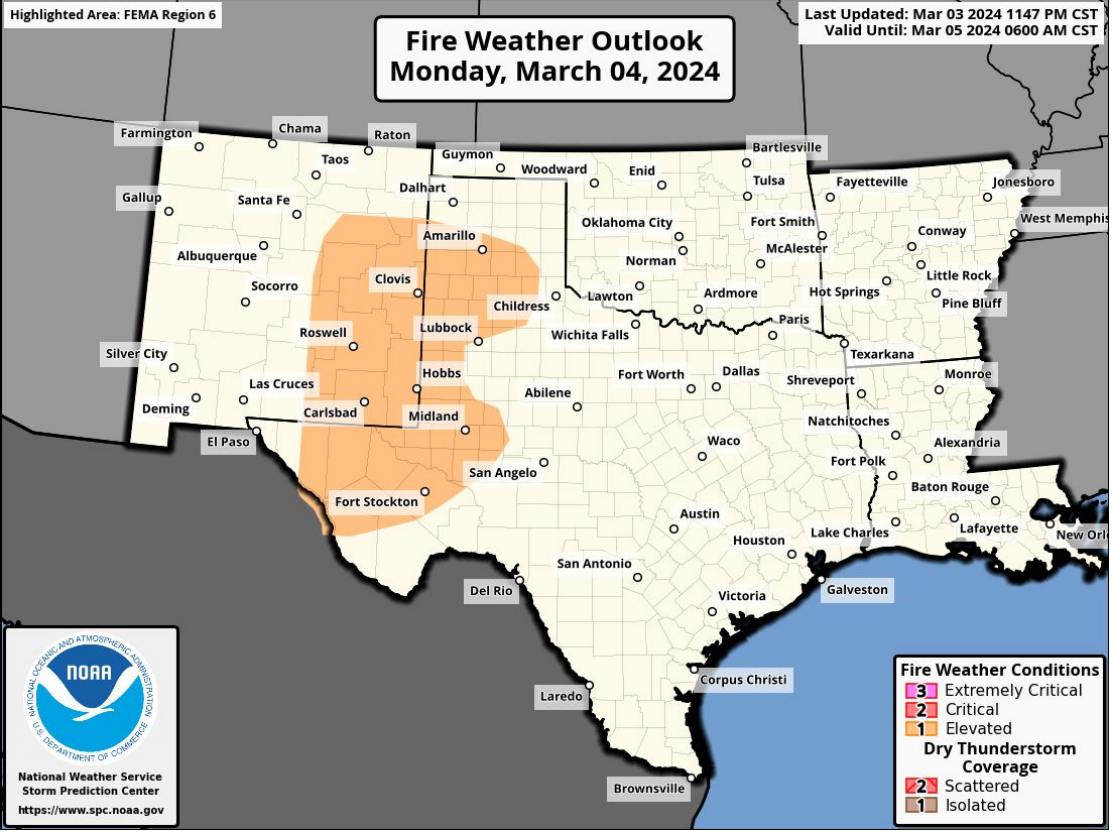
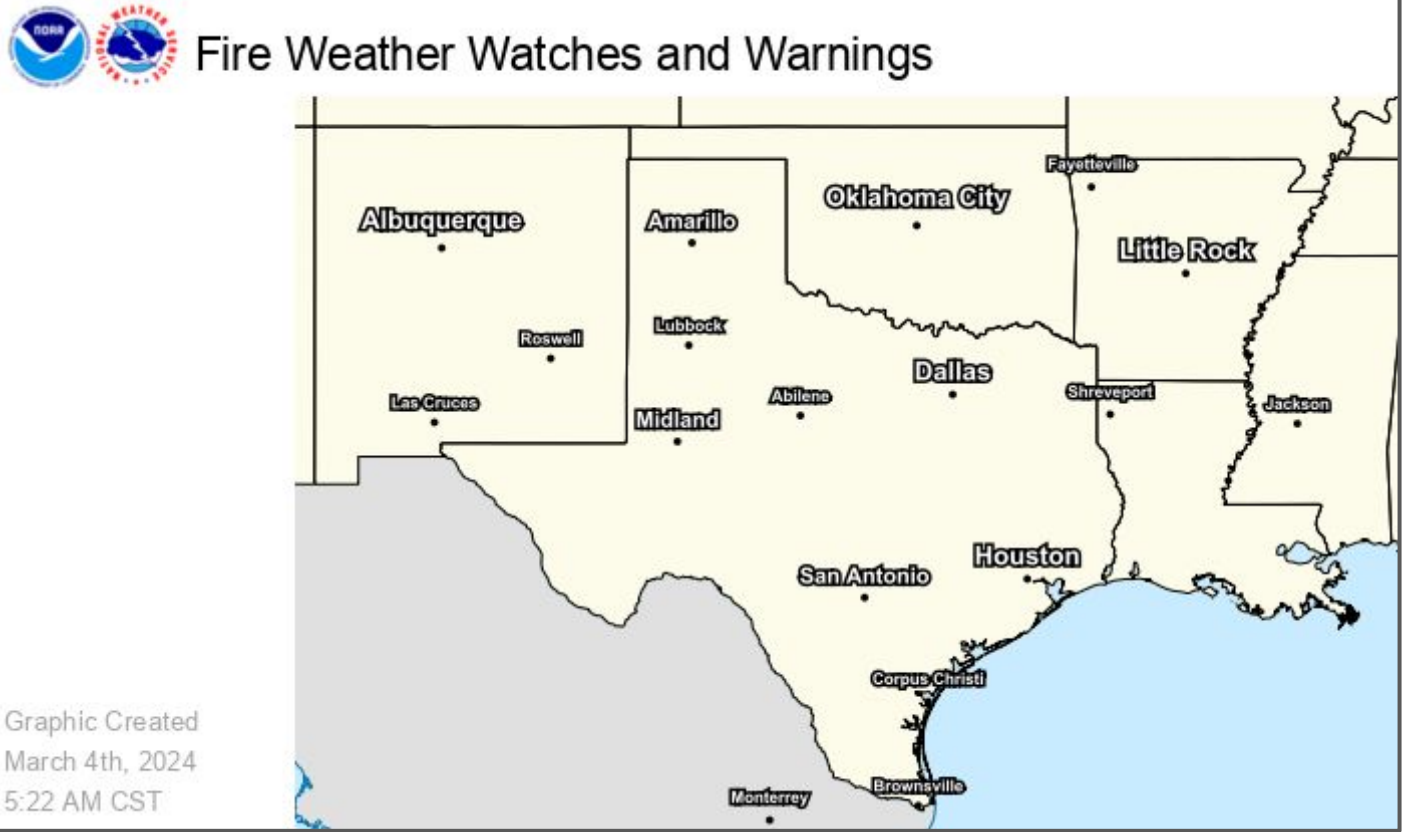
Today's Tornado & Severe Wind / Hail Probabilities

March 4, 2024¹





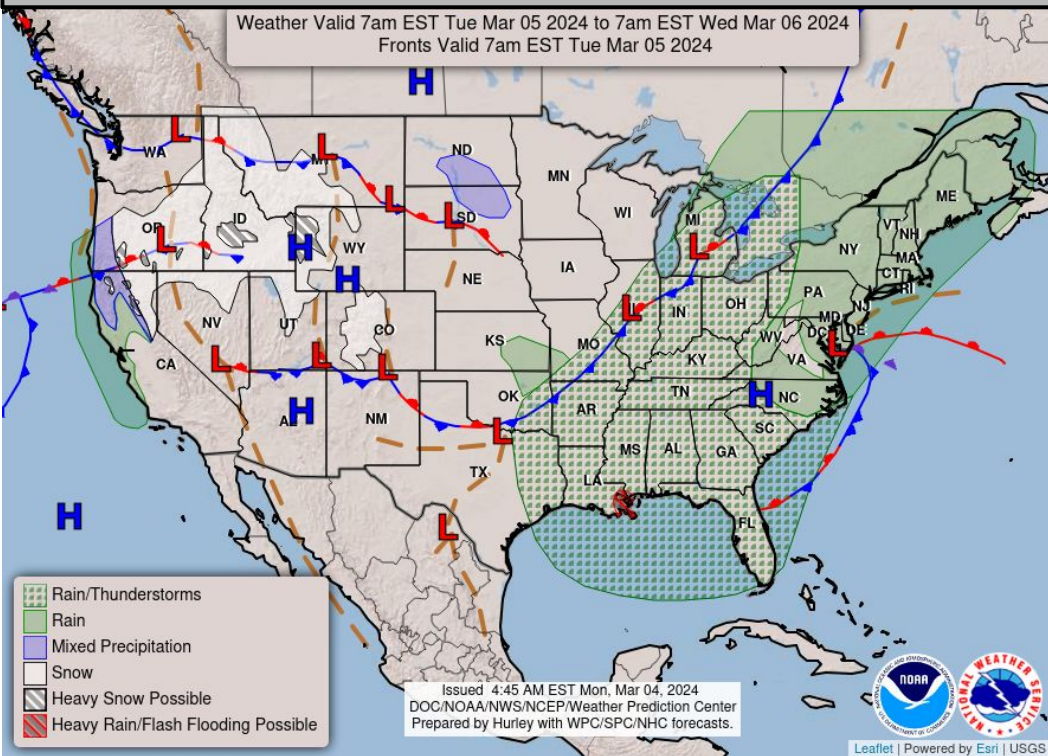
Fire Weather Outlooks



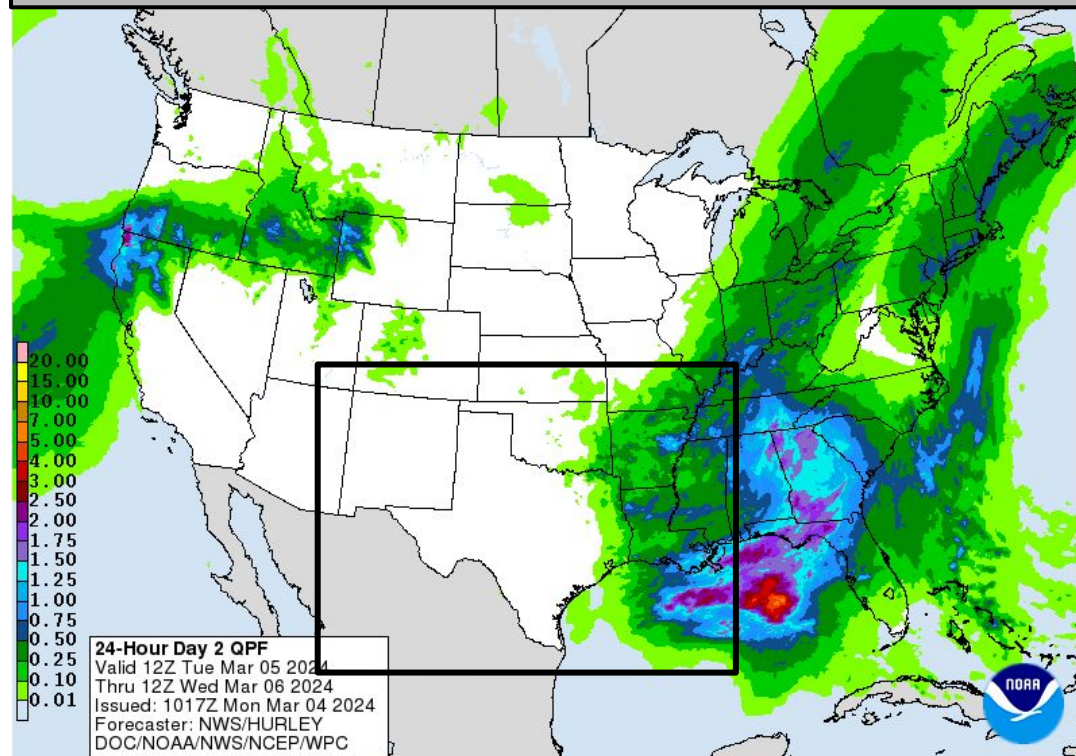


Tomorrow's Weather

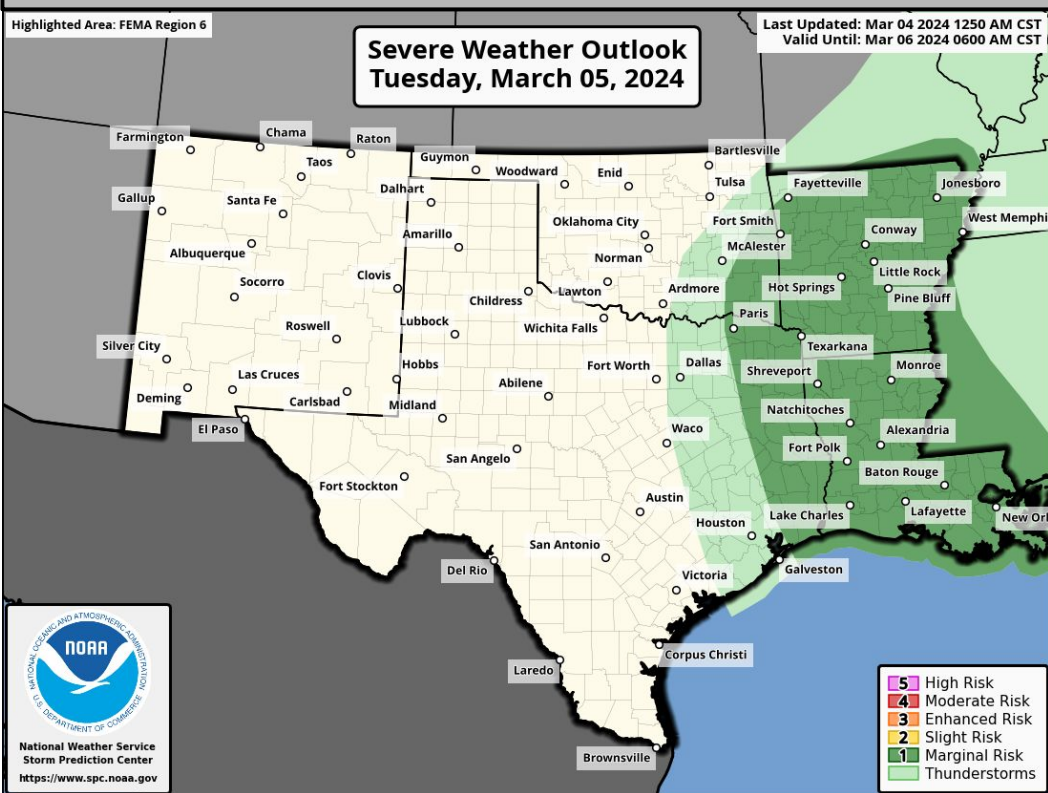
Forecast Chart



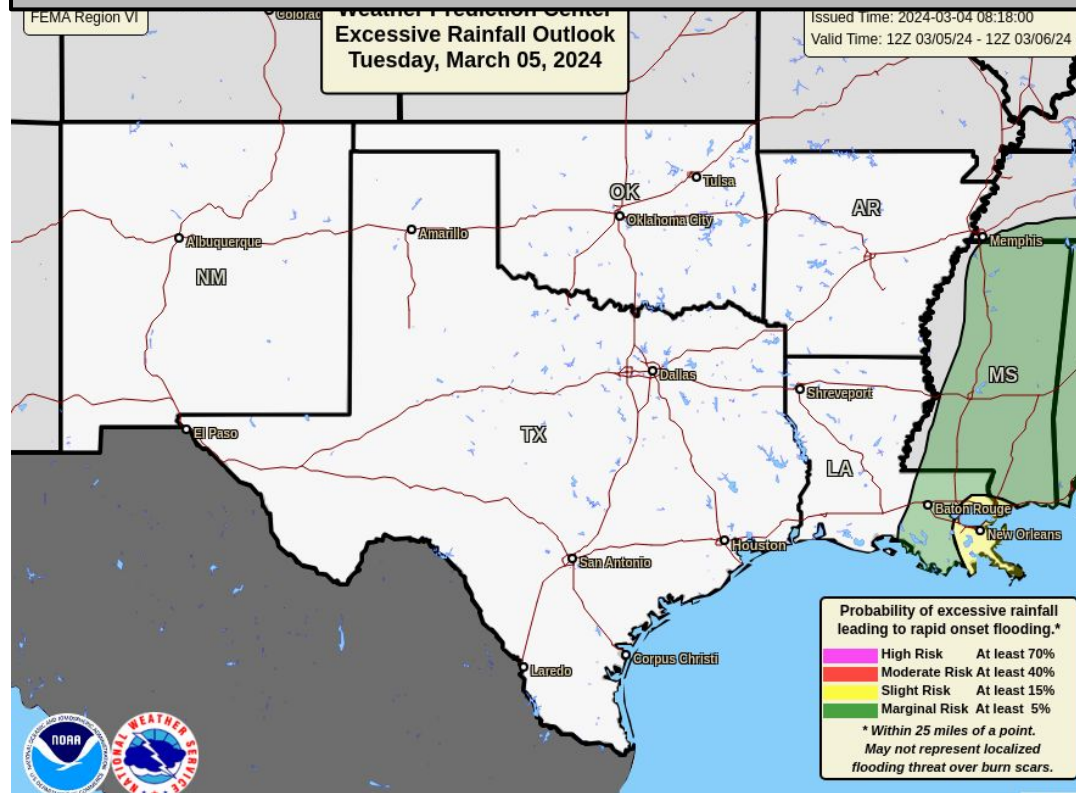
Forecast Rainfall



Severe Weather Outlook



Excessive Rainfall Outlook

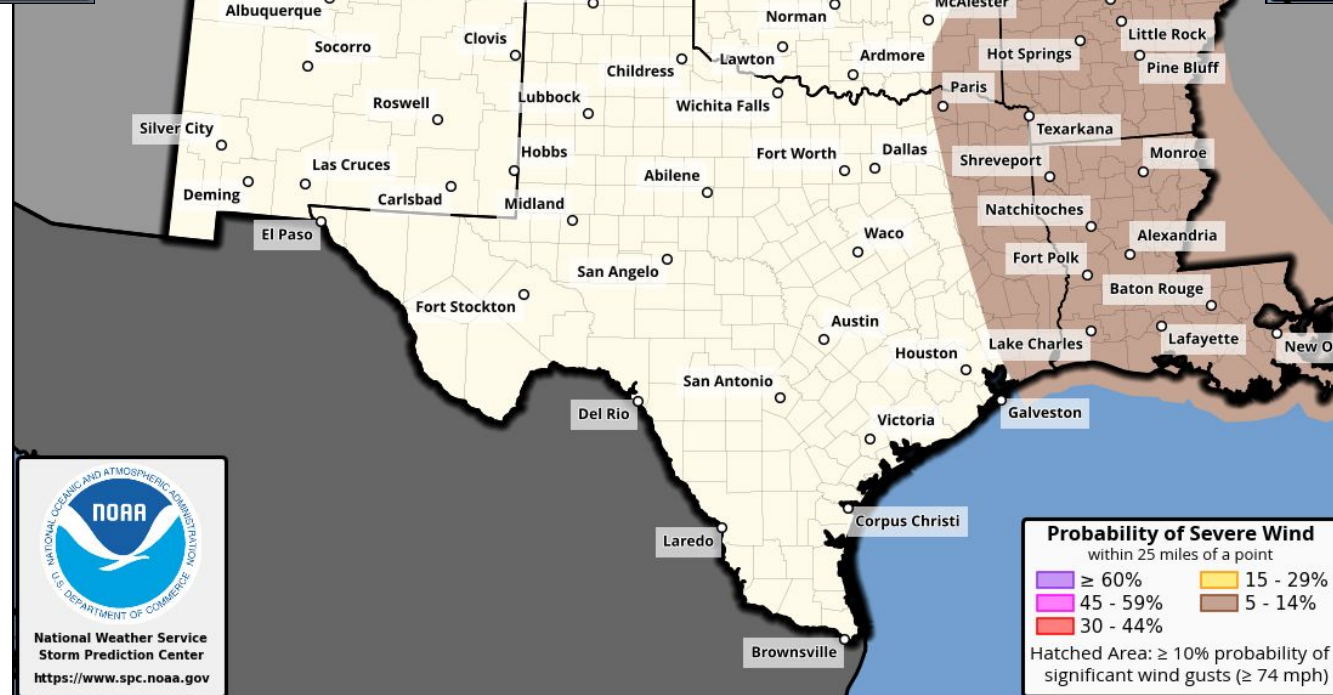
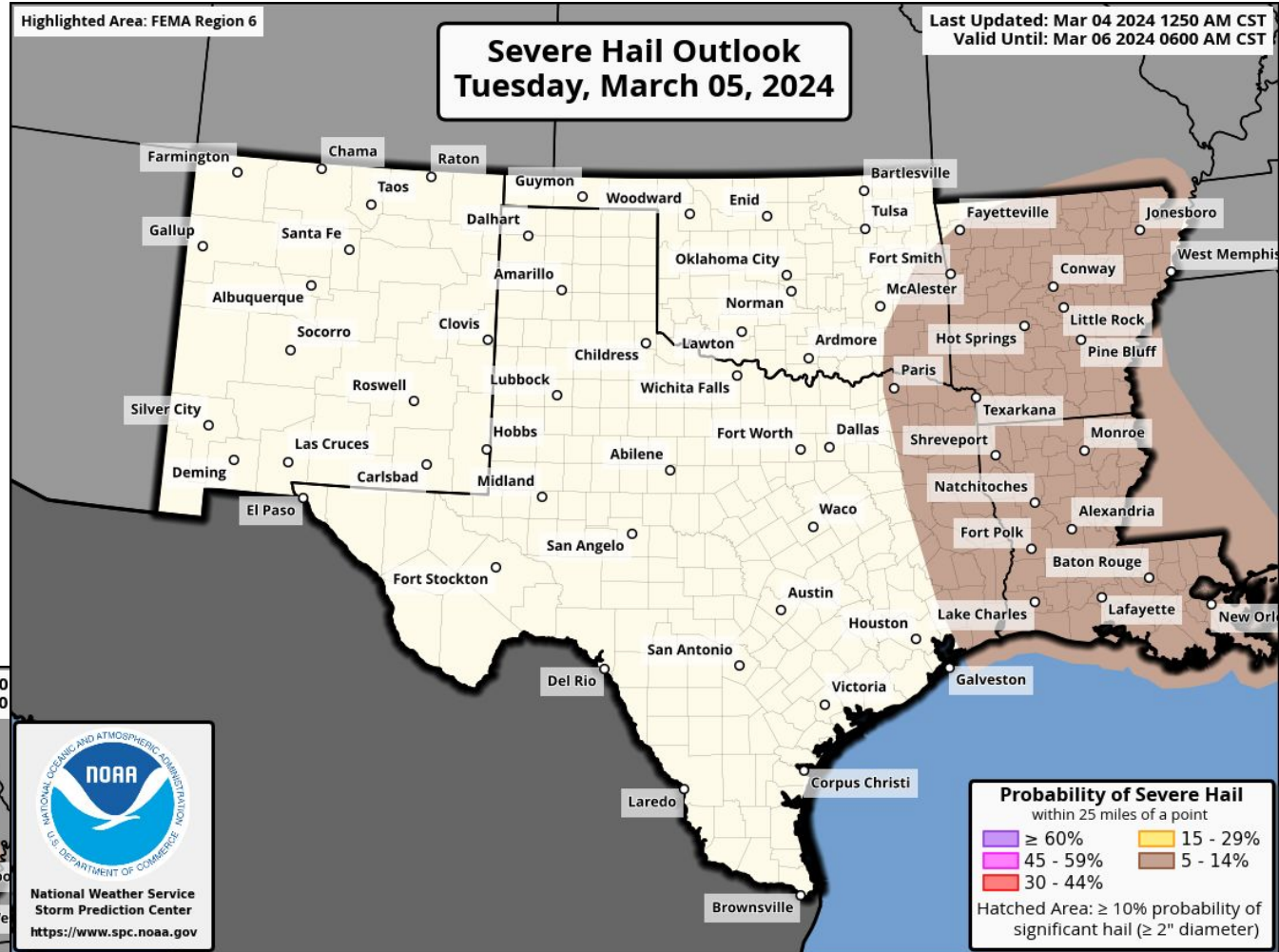
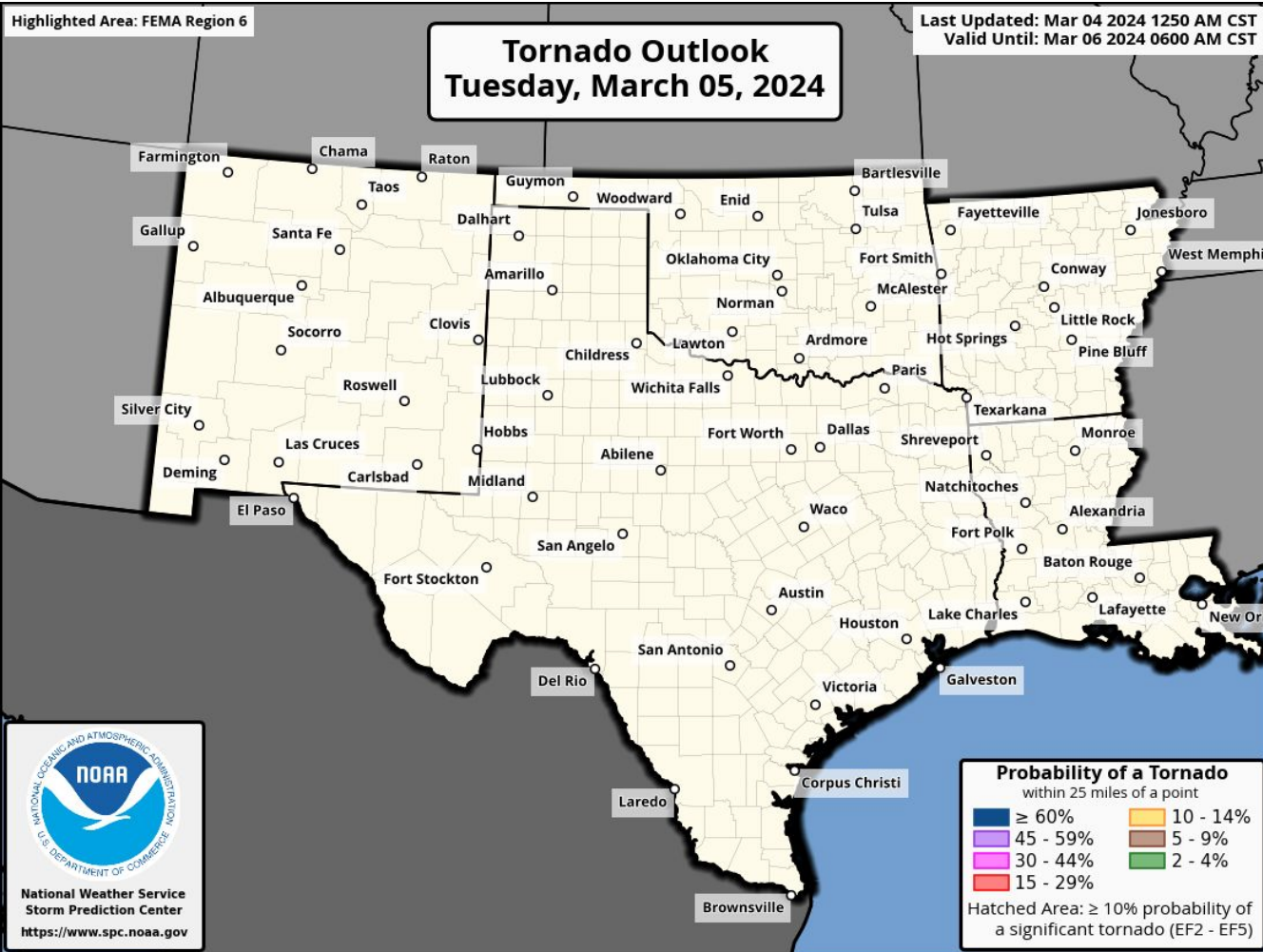


Marginal risk for severe storms over SE OK, E TX, AR and LA with damaging winds/hail the main threats.

Slight risk for heavy rainfall/flash flooding over SE LA.

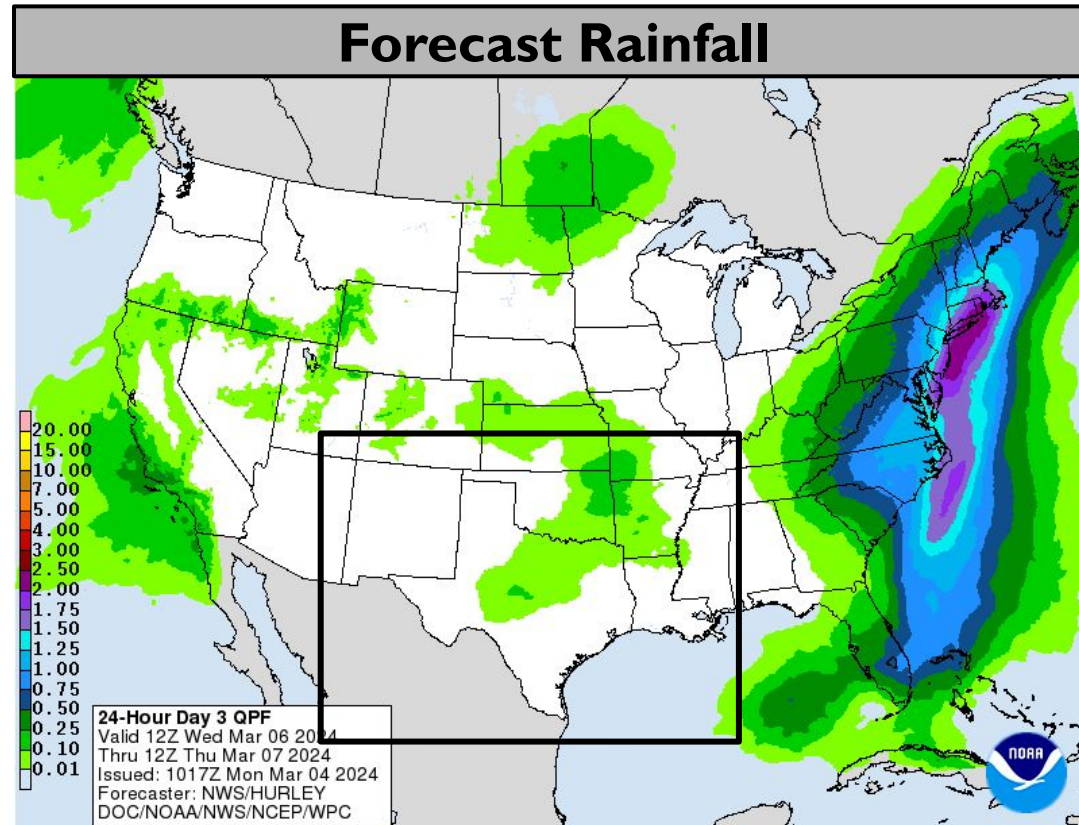
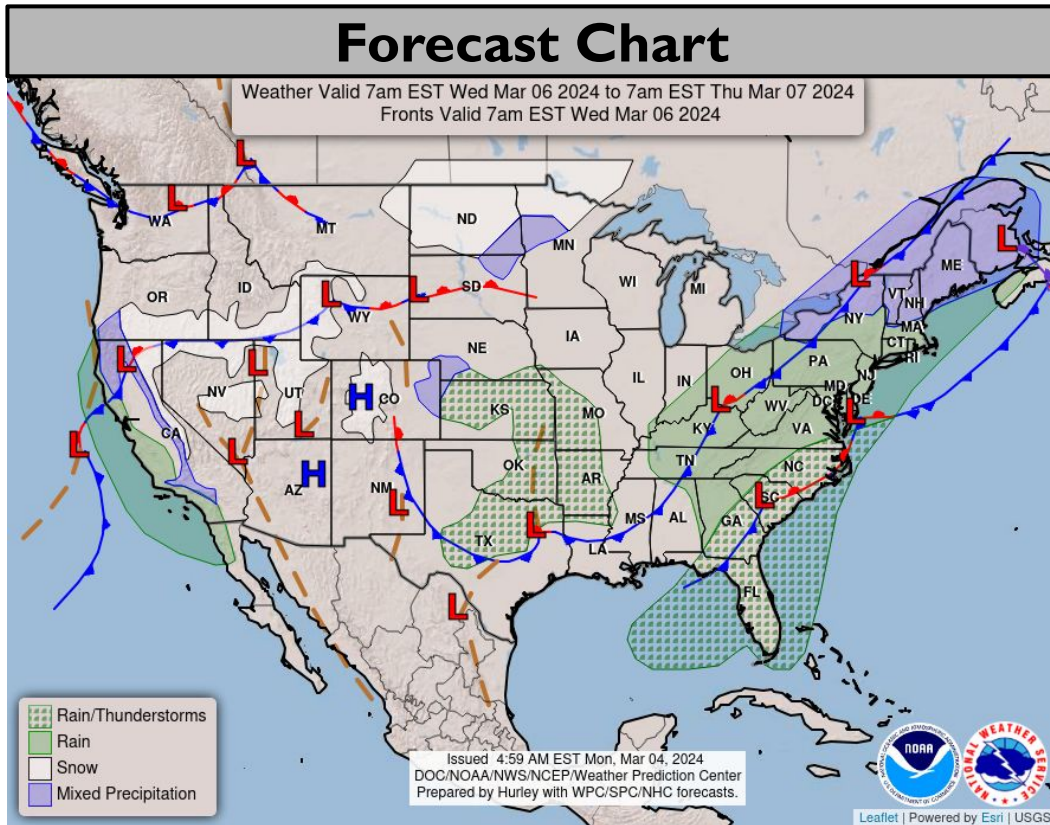


Tomorrow's Tornado & Severe Wind / Hail Probabilities

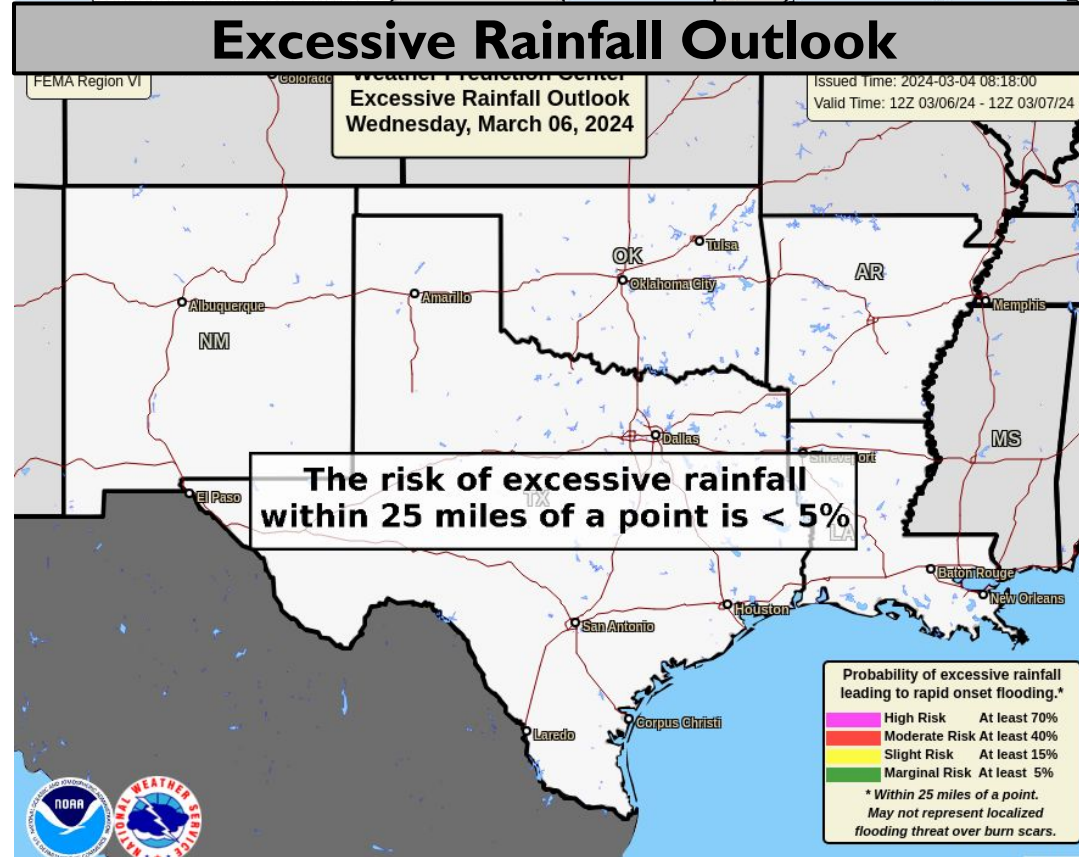
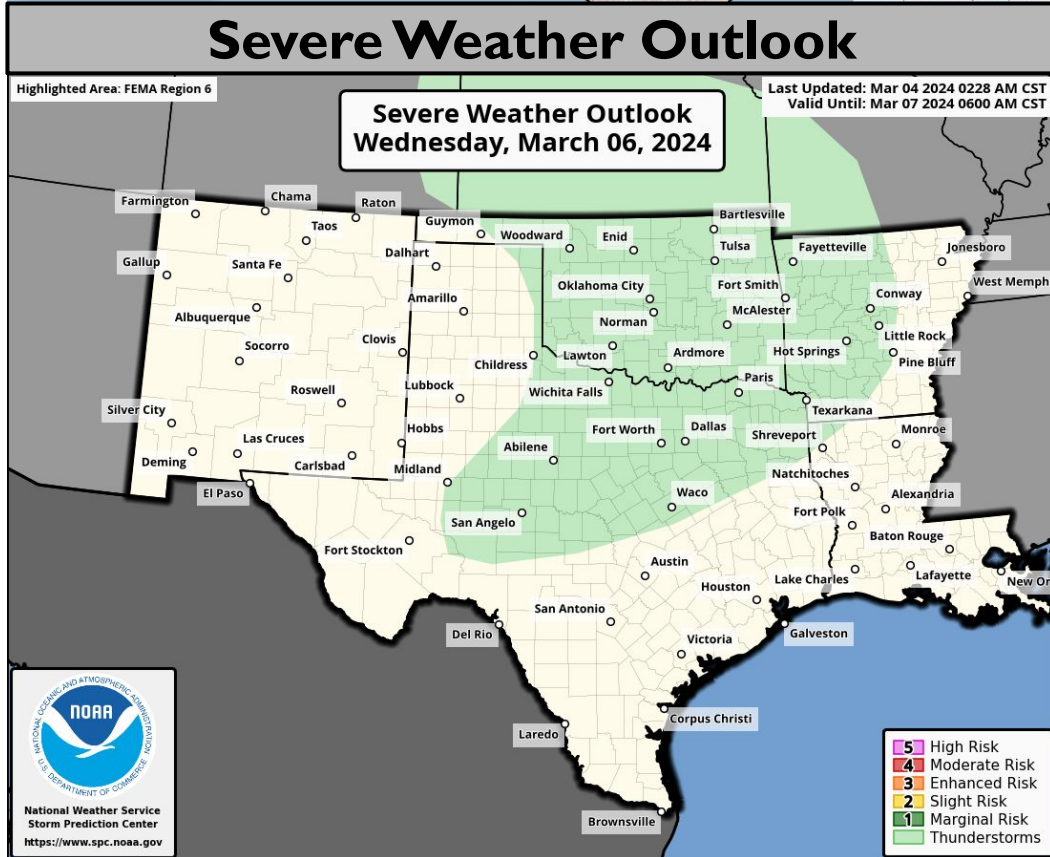




Wednesday's Weather



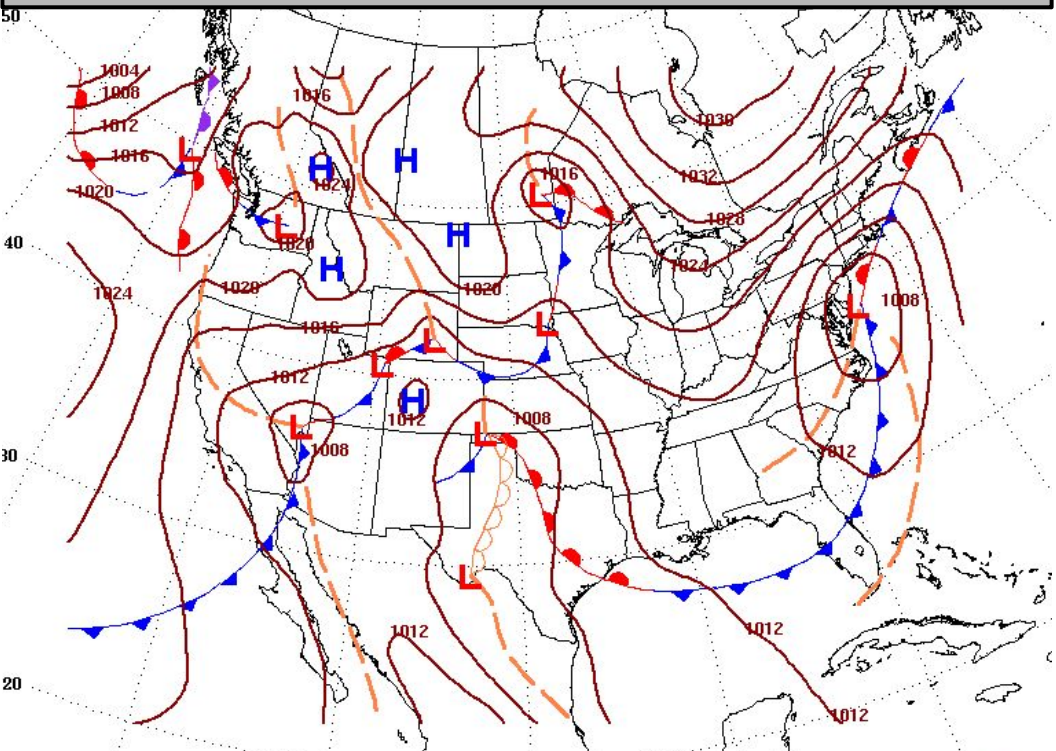
**Elevated fire weather conditions
over E NM, W TX, W OK.**



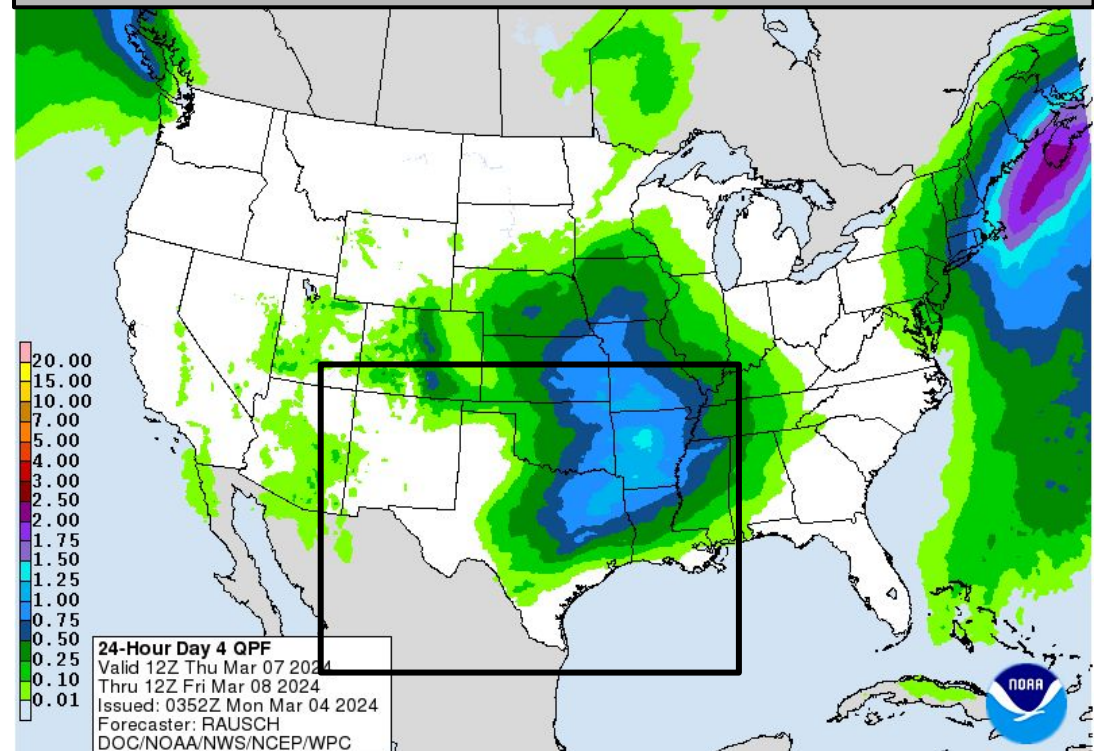


Thursday's Weather

Forecast Chart



Forecast Rainfall

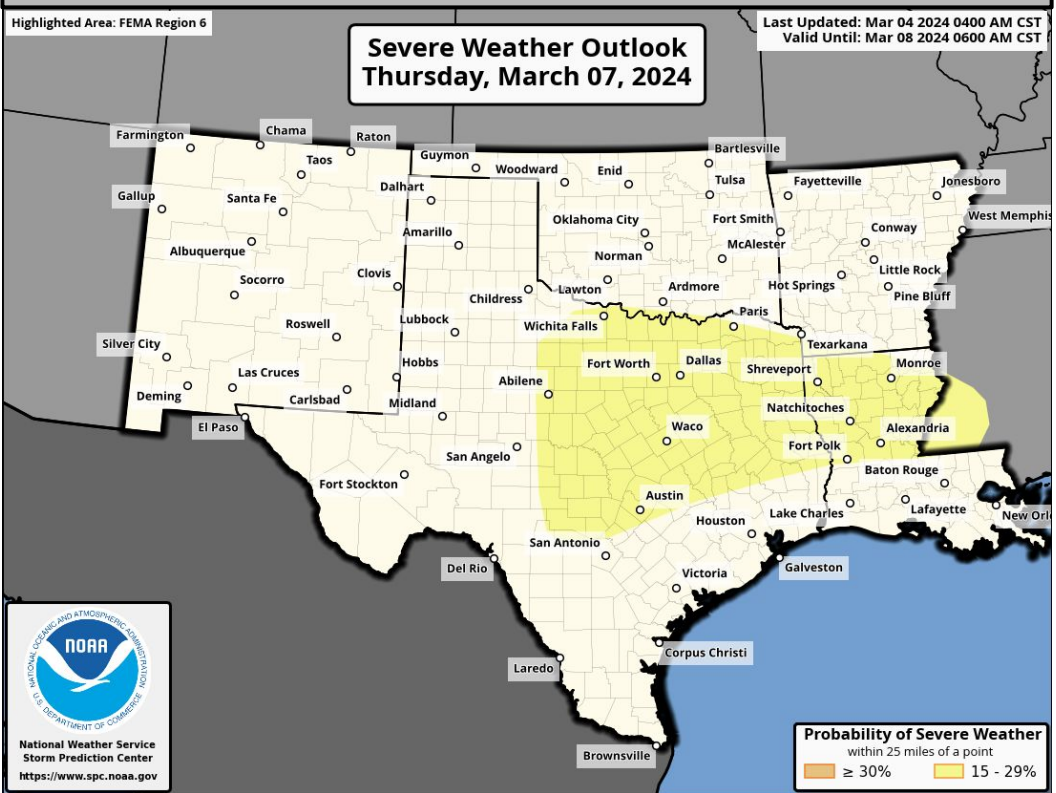


Elevated fire weather conditions over E NM, W TX, W OK.

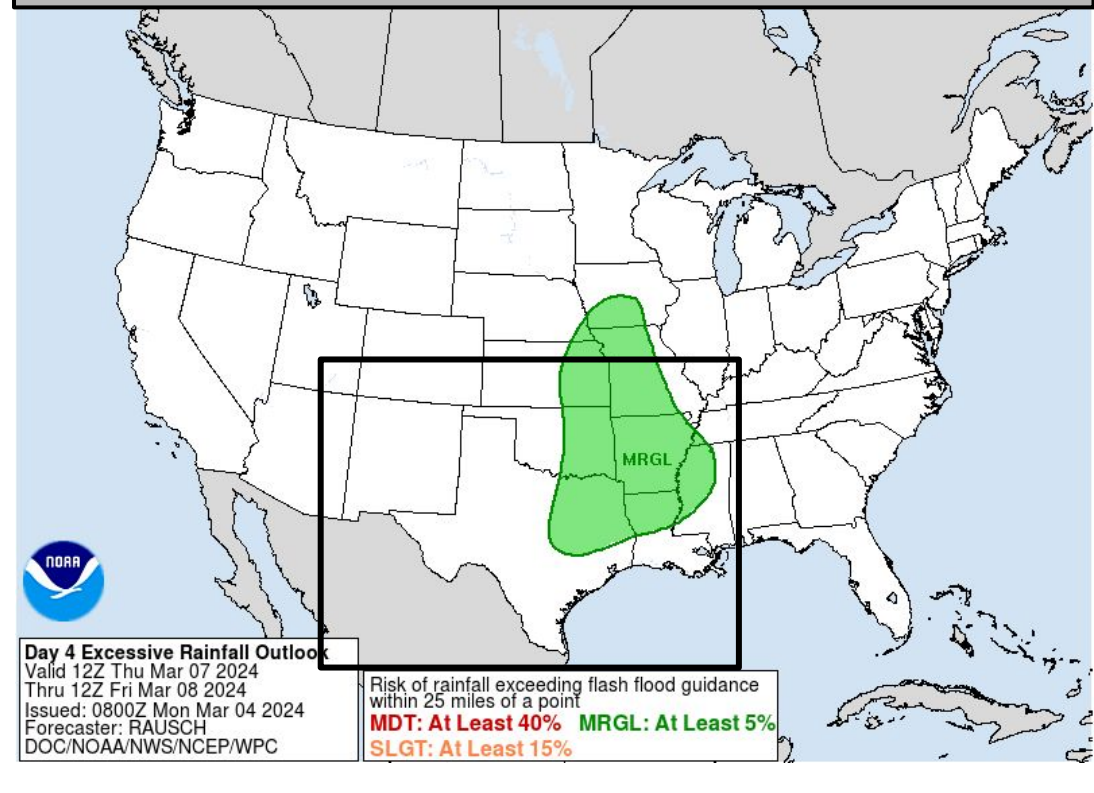
Potential for severe storms over Ctr/NETX, N LA.

Marginal risk for heavy rainfall/flash flooding over E OK, NETX, AR, N LA.

Severe Weather Outlook



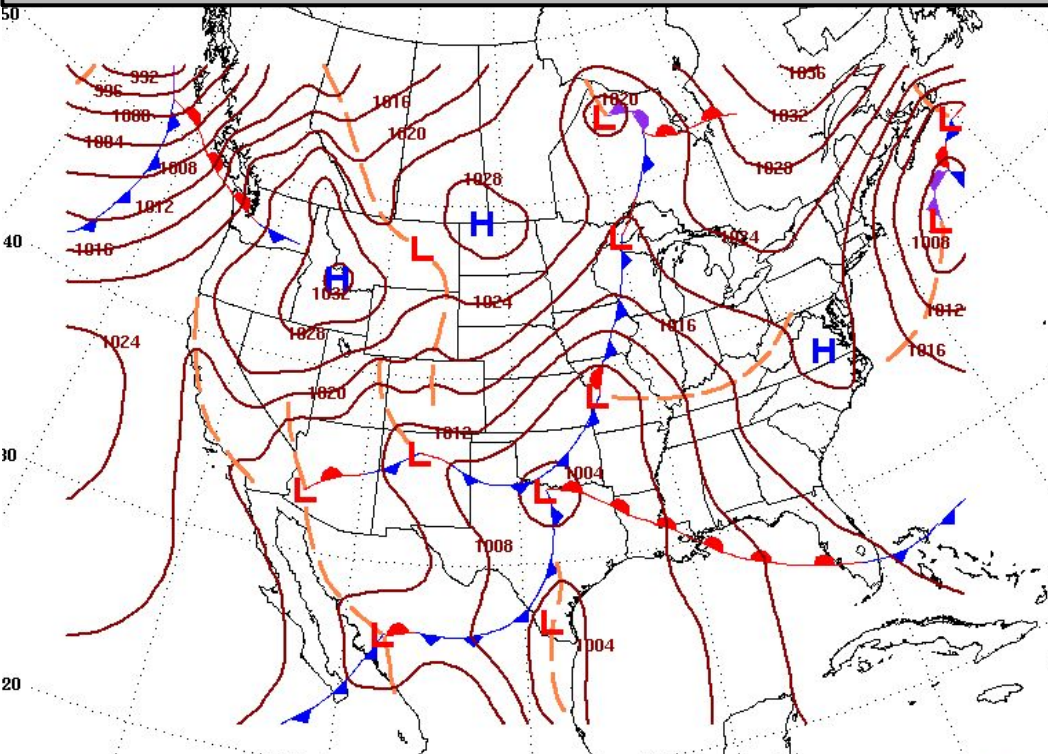
Excessive Rainfall Outlook



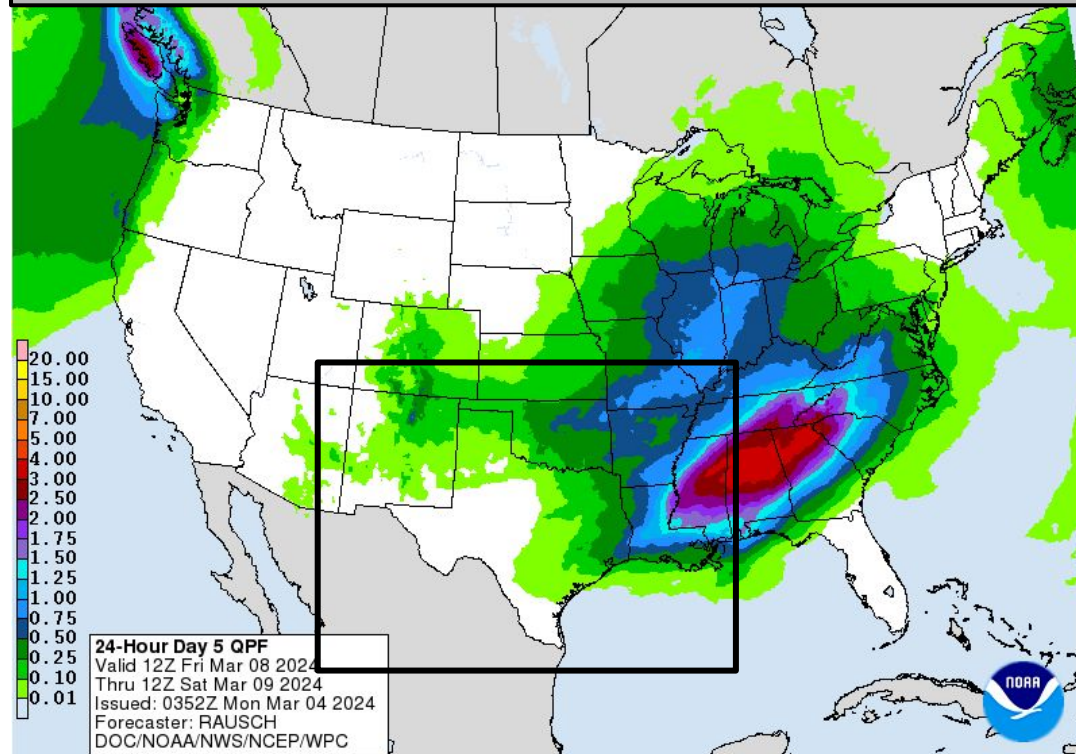


Friday's Weather

Forecast Chart



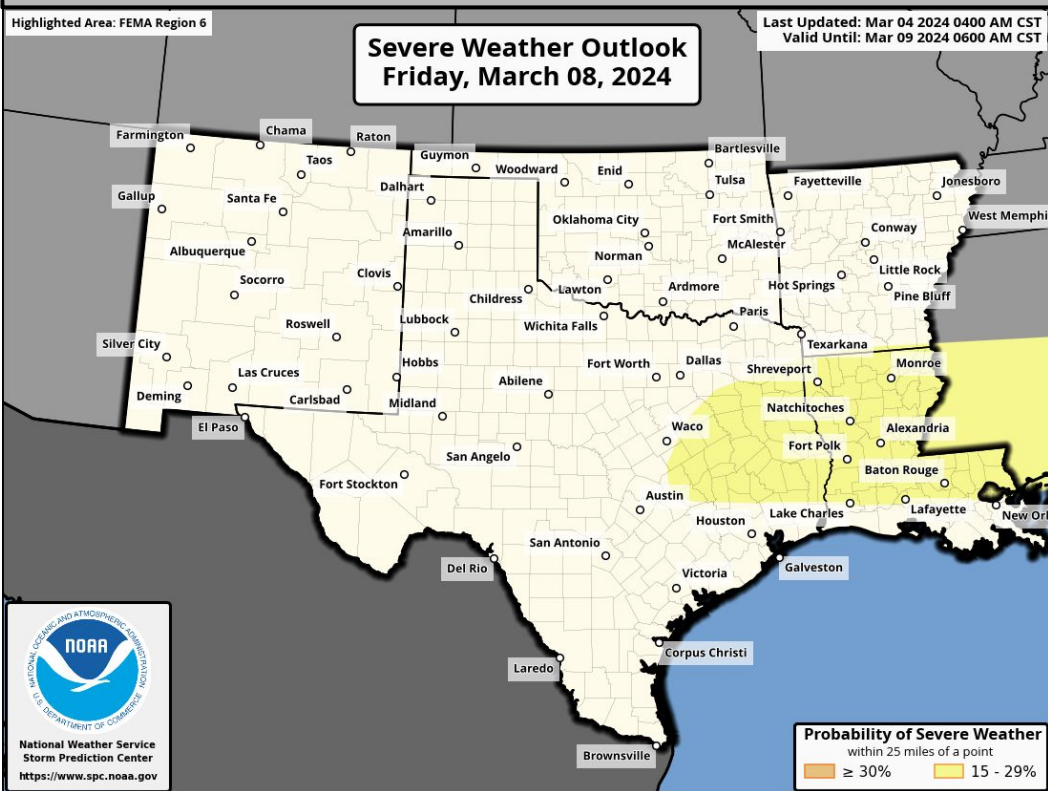
Forecast Rainfall



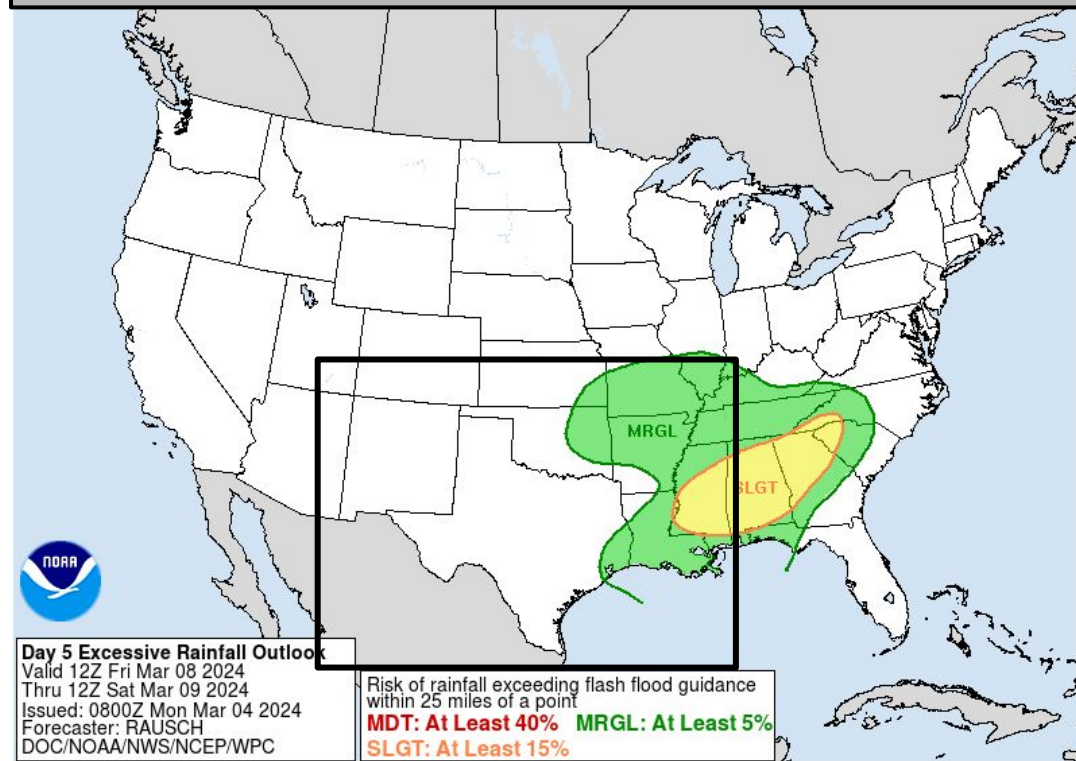
Potential for severe storms over E TX, N LA.

Marginal risk for heavy rainfall/flash flooding over E OK, E TX, AR, LA.

Severe Weather Outlook



Excessive Rainfall Outlook

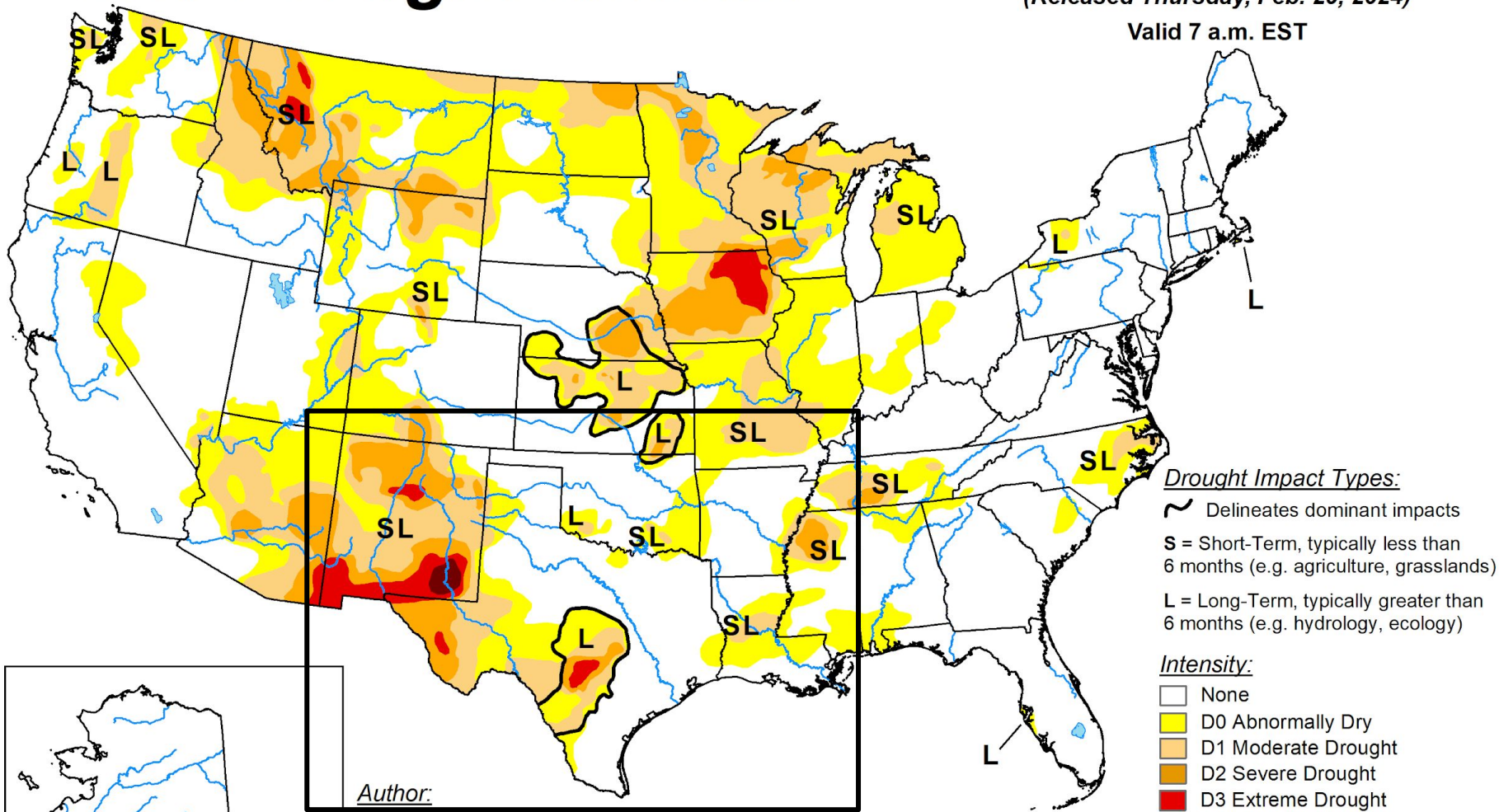




Drought Monitor

U.S. Drought Monitor

February 27, 2024
(Released Thursday, Feb. 29, 2024)
Valid 7 a.m. EST



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

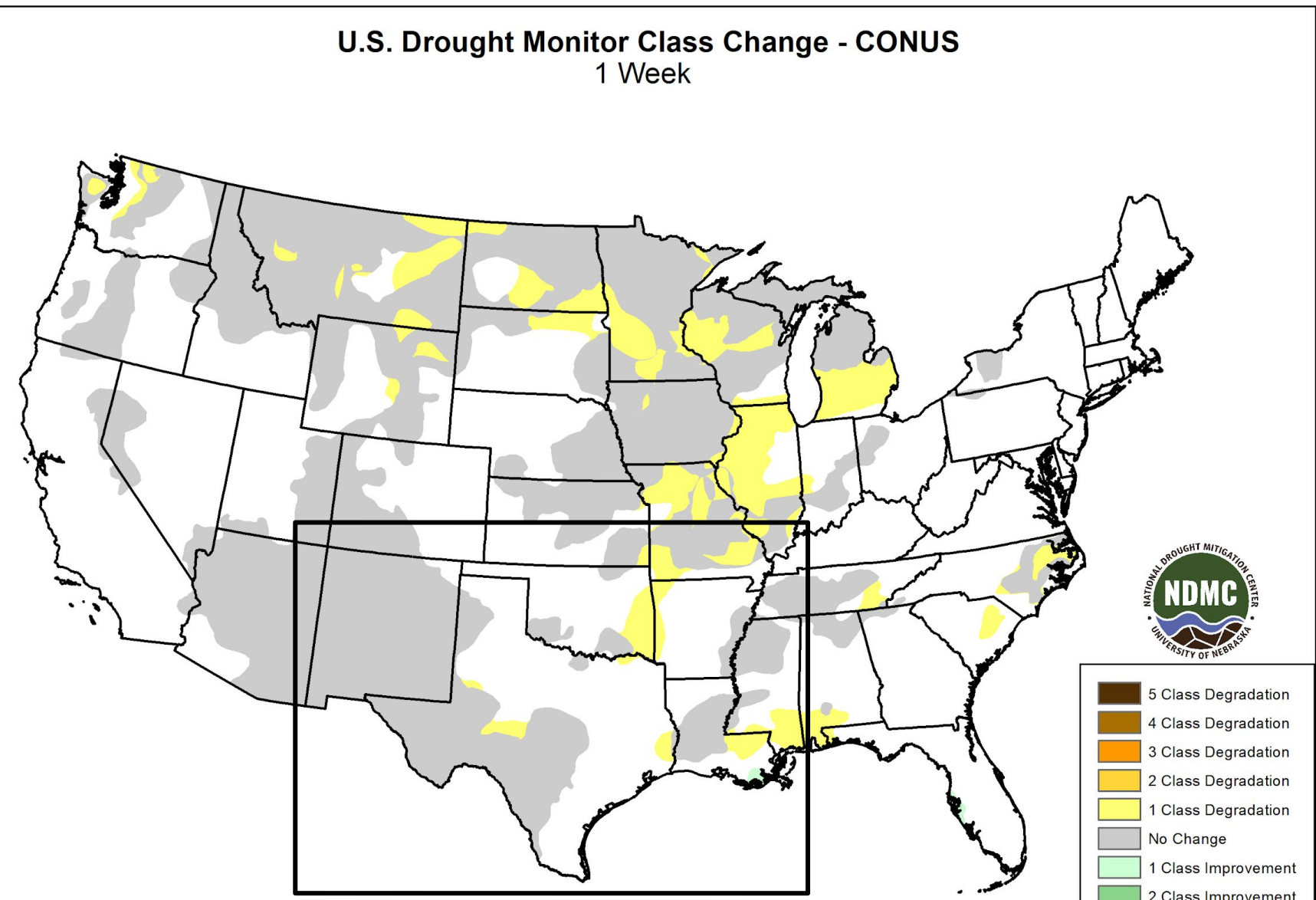
Author:
Richard Heim
NCEI/NOAA

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



February 27, 2024
compared to
February 20, 2024

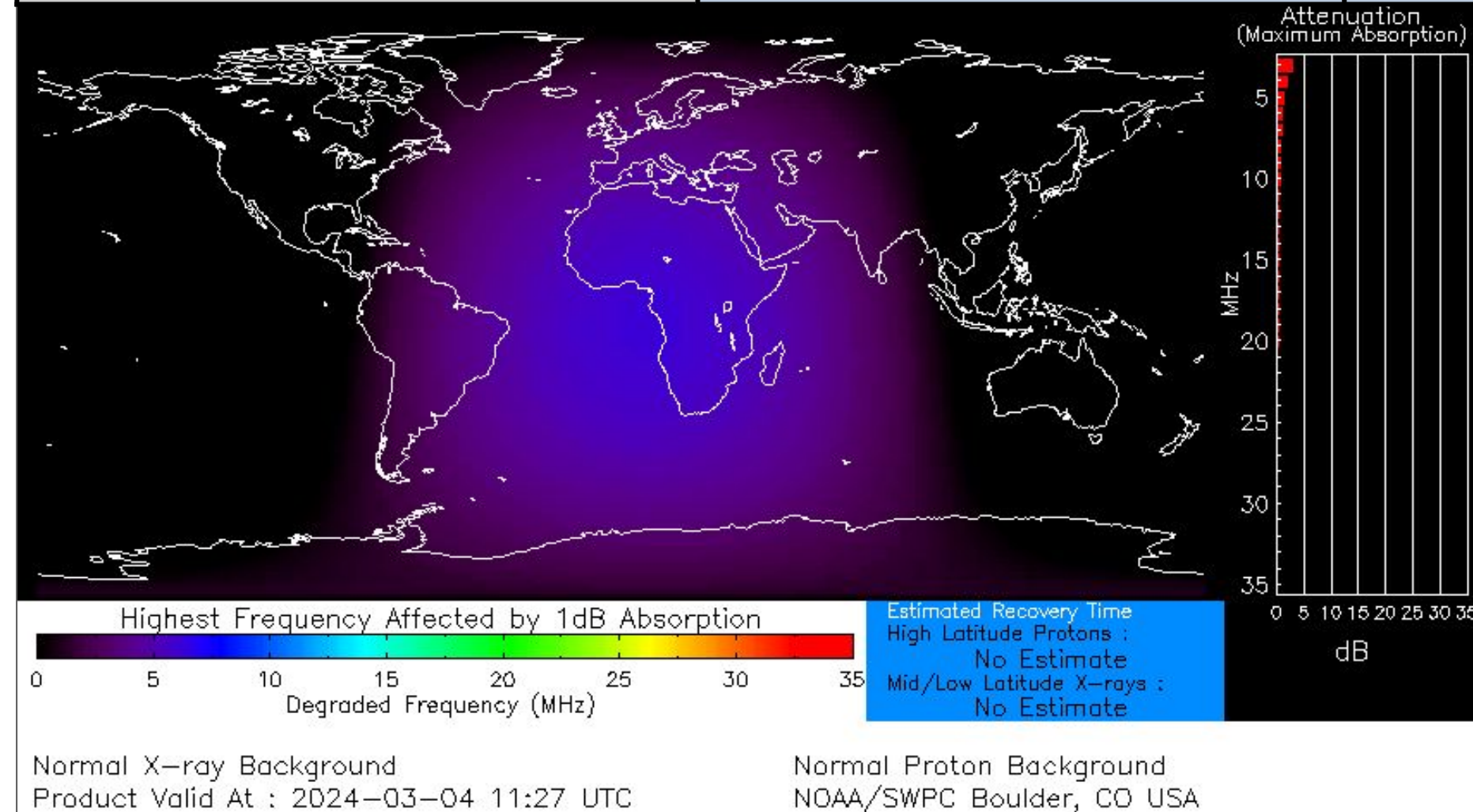
Legend:
5 Class Degradation
4 Class Degradation
3 Class Degradation
2 Class Degradation
1 Class Degradation
No Change
1 Class Improvement
2 Class Improvement
3 Class Improvement
4 Class Improvement
5 Class Improvement

droughtmonitor.unl.edu



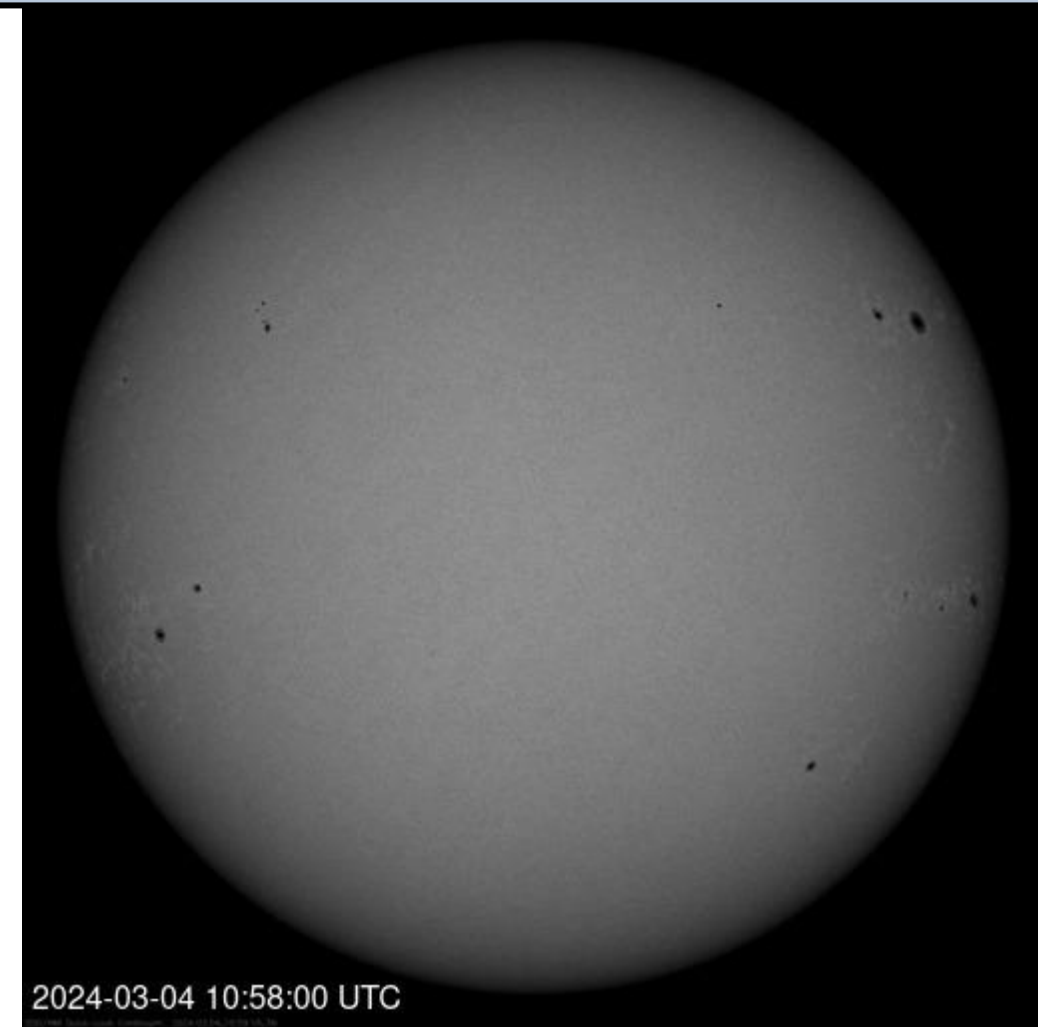
Space Weather 3-Day Forecast

| | Monday, Mar 4 | Tuesday, Mar 5 | Wednesday, Mar 6 |
|--------------------------------------|-----------------------------------|-------------------------------|-------------------------------|
| 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) | 25% | 25% | 15% |
| Radio Blackout (R3-R5) | 1% | 1% | 1% |



[Description of the Space Weather Storm Scales](#)

[Latest 3-Day Space Weather Forecast](#)



Weather "Threat" Matrix

| Color | Definition | Criteria | Example(s) |
|--------|--|---|--|
| Green | <p style="text-align: center;">Very Common</p> <p>Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little to No 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 MS 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 sea breeze storms in FL |
| Yellow | <p style="text-align: center;">Somewhat Common – Happens Frequently</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 AL 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;">Uncommon – A Few Times a Year</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 Atlanta 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;">Rare – Once every 1-5 Years</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 NE 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;">Very Rare – Once Every 5-10 Years</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 Carolinas; 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



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Web: www.weather.gov/srh

