



FEMA



Prepared by
Melissa Beat

FEMA Region 6 Weather Threat Briefing

Sunday, March 24, 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.



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

National Weather Service
Southern Region



Summary of the Upcoming Week

- **Severe Storms:**
 - **Today: Slight - W OK**
 - **Monday: Slight - S AR, LA, ETX (+ slight risk heavy rainfall)**
- **Fire Weather:**
 - **Today: Critical - E NM, TX/OK Panhandles, W TX, W OK (+ strong winds & blowing dust)**
 - **Monday: Elevated - W/Ctrl TX**
 - **Thursday: Elevated - E NM, W TX, TX/OK Panhandles**
- **Snow plus windy conditions in NM into TX/OK Panhandles today into Monday.**
- **Strong G3 Geomagnetic storm expected today. Radio blackouts expected.**





FEMA Region 6 Threat Matrix

Next 5 Days

	Sunday, Mar 24	Monday, Mar 25	Tuesday, Mar 26	Wednesday, Mar 27	Thursday, Mar 28
Severe Storms	W OK	S AR, LA, ETX			
Heavy Rain / Flash Flooding	SE OK, NETX, NW AR	AR, N LA			
Fire Weather	E NM, W TX, TX/OK Panhandles, W OK	W/Ctrl TX			E NM, W TX, TX/OK Panhandles
Cold					
Winter Weather	W/N NM	E/N NM, TX/OK Panhandles			
River Flooding	ETX, LA, AR	ETX, LA, AR	ETX, LA, AR	ETX, LA, AR	ETX, LA, AR

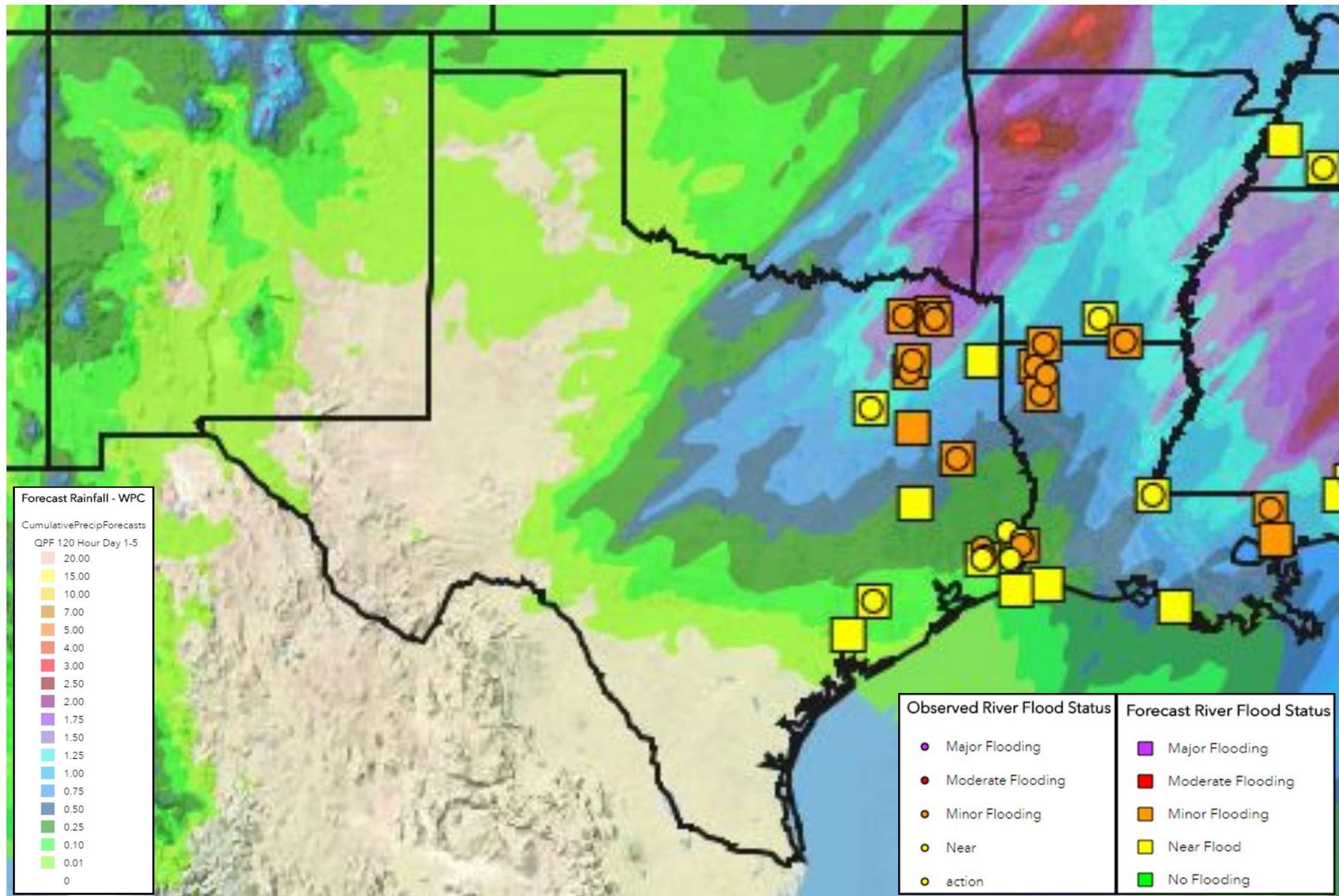
	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

****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



Minor river flooding in E TX, LA, and AR.

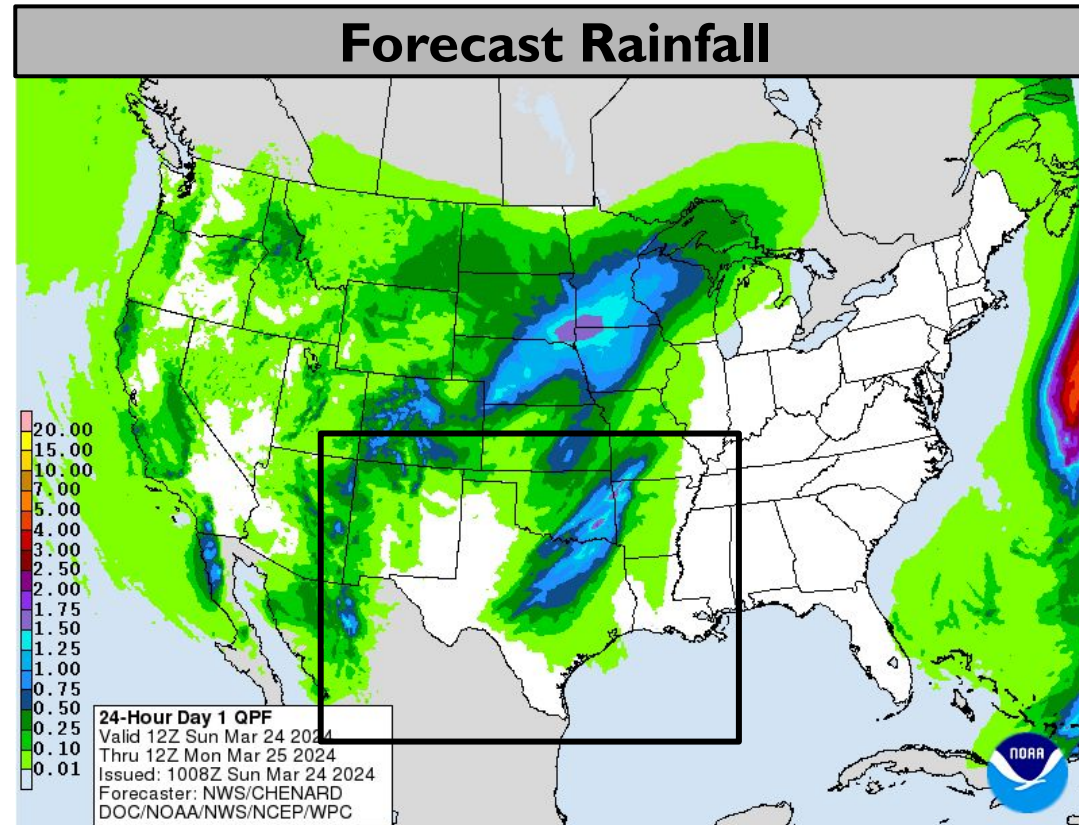
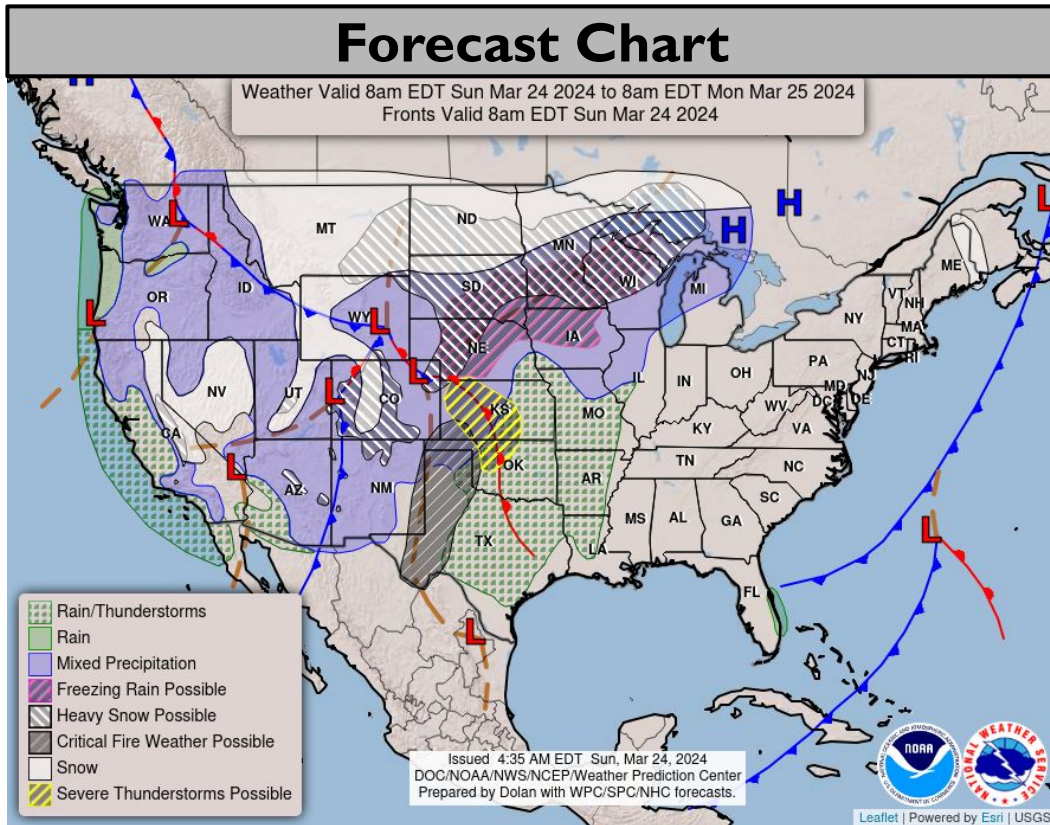
Flooding of lowlands, agricultural lands, and secondary roads.

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

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



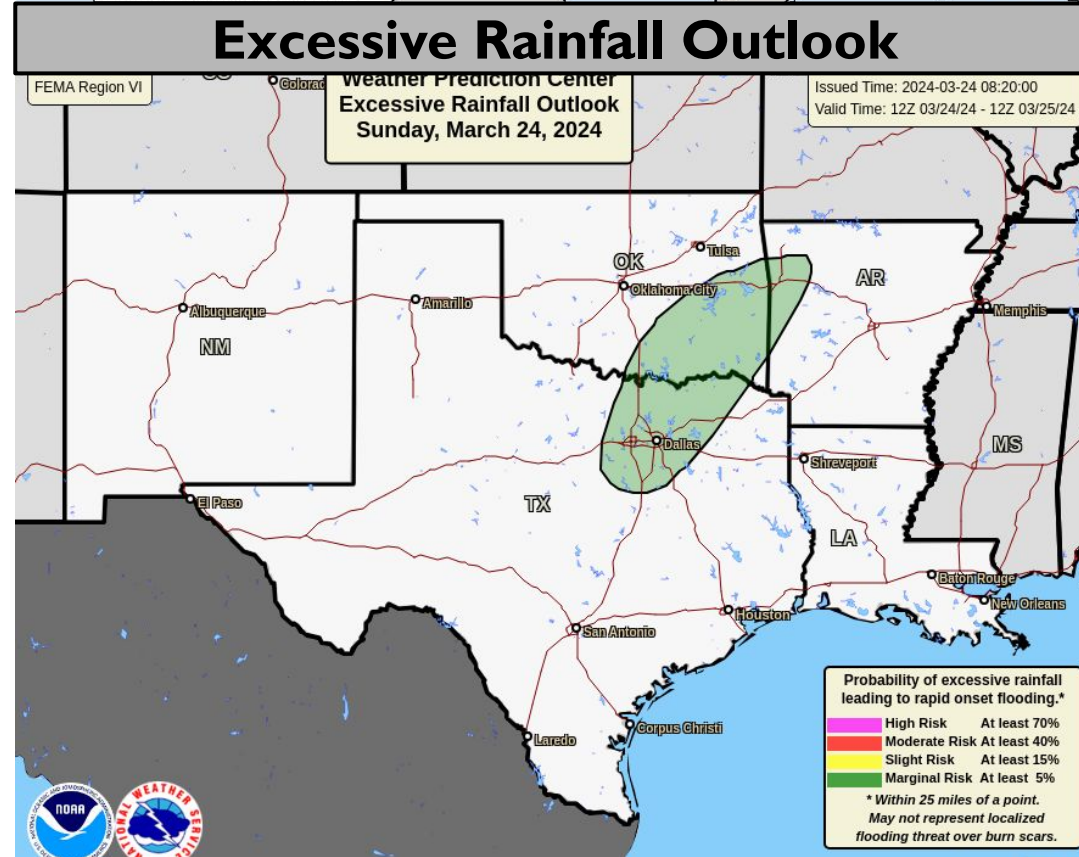
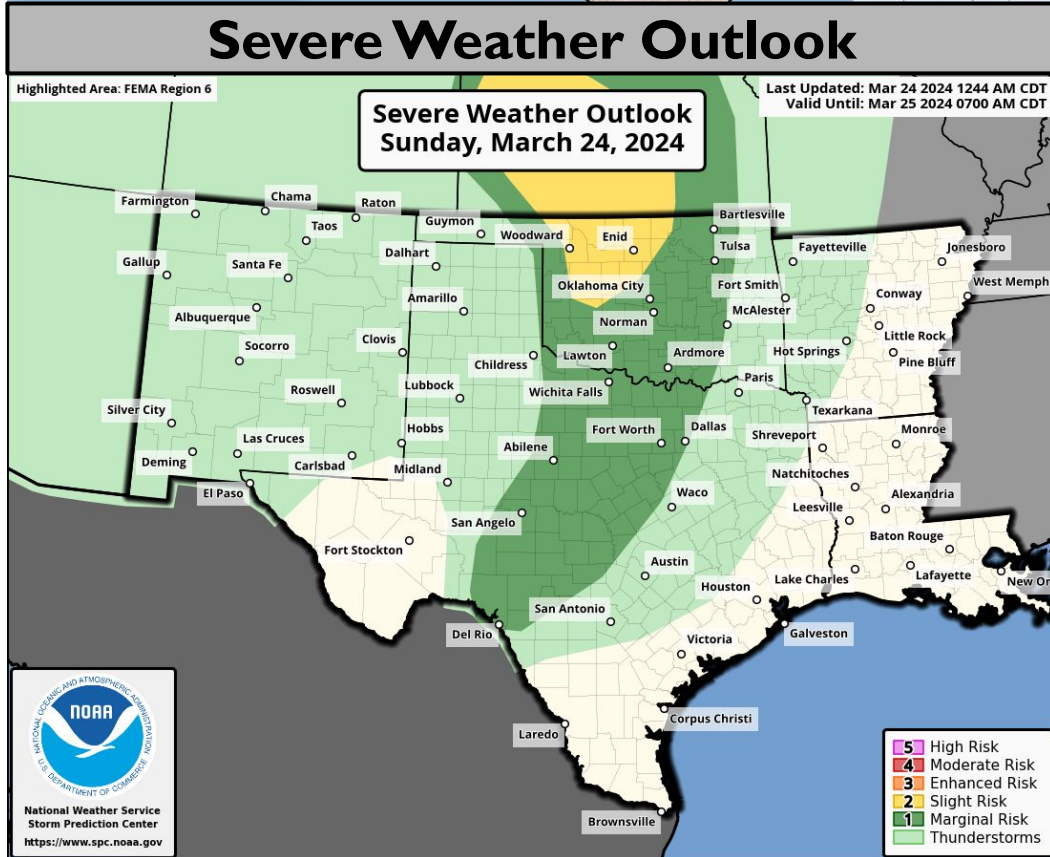
Today's Weather



Slight risk for severe storms in W OK. Marginal risk in N/Cntl/SW TX, E OK. Timing: late afternoon-early morning.

Elevated to critical fire weather conditions in E NM, W TX, the TX/OK Panhandles, and W OK. High winds and blowing dust are expected. Timing: late morning-late evening.

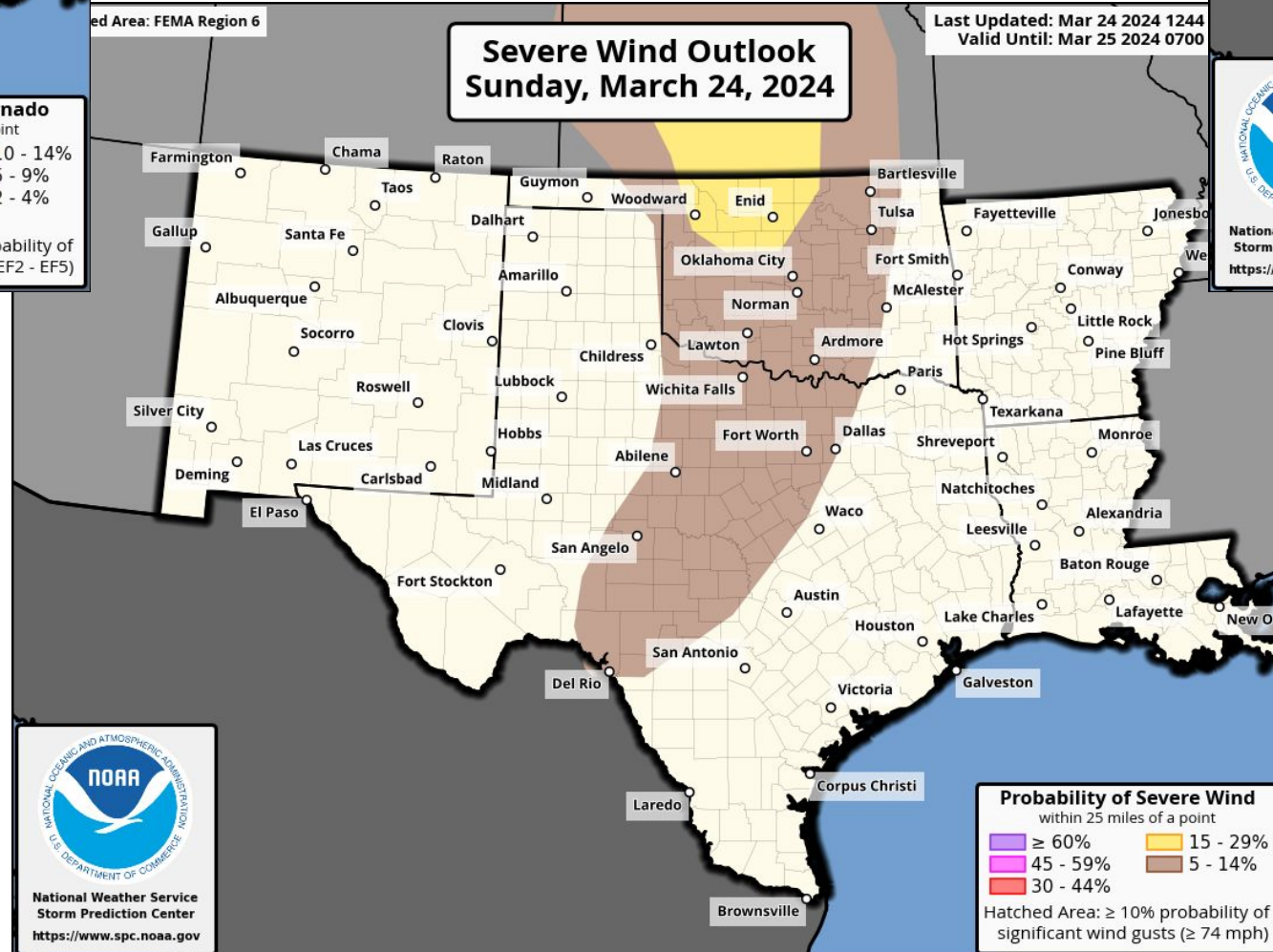
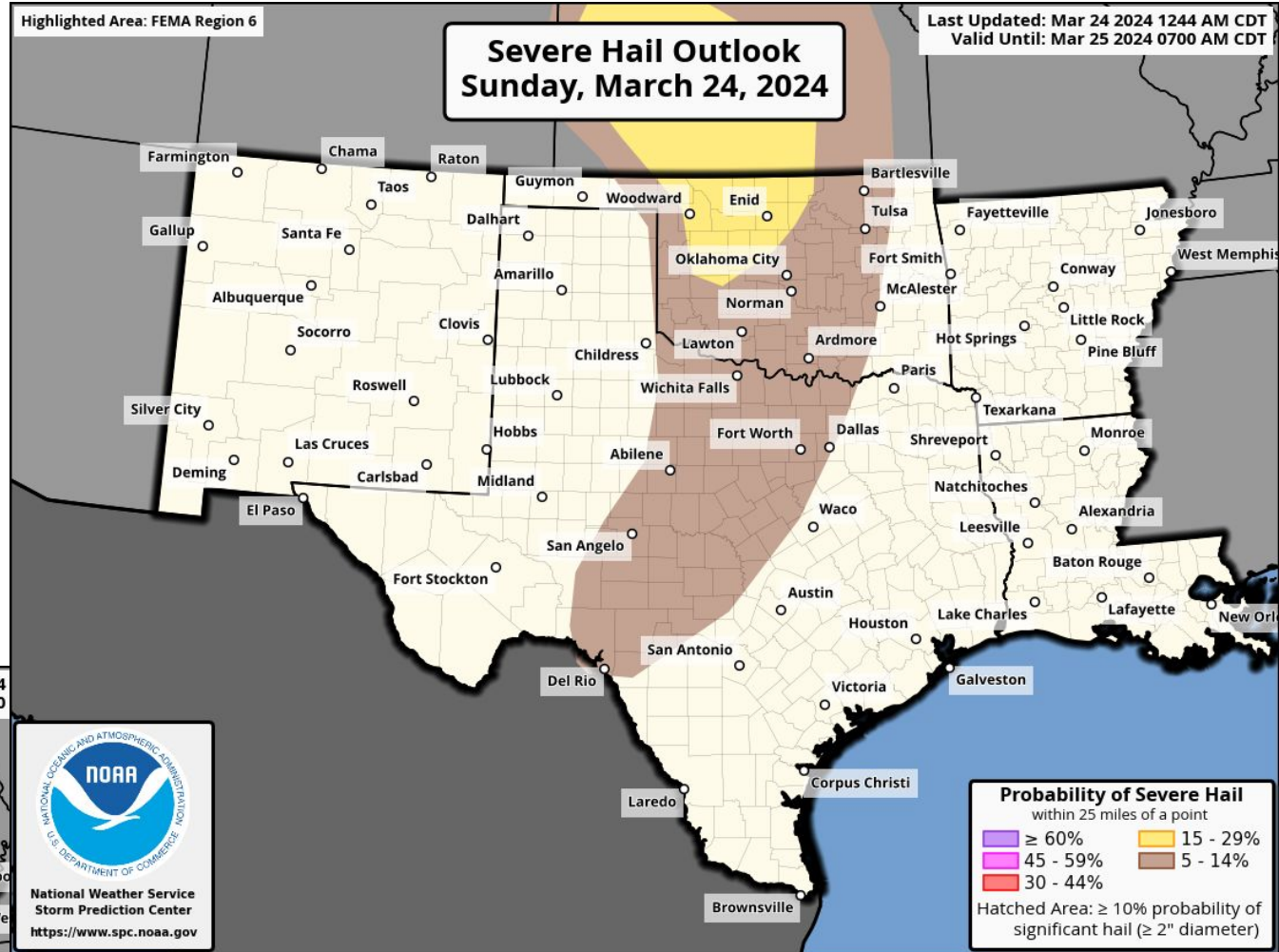
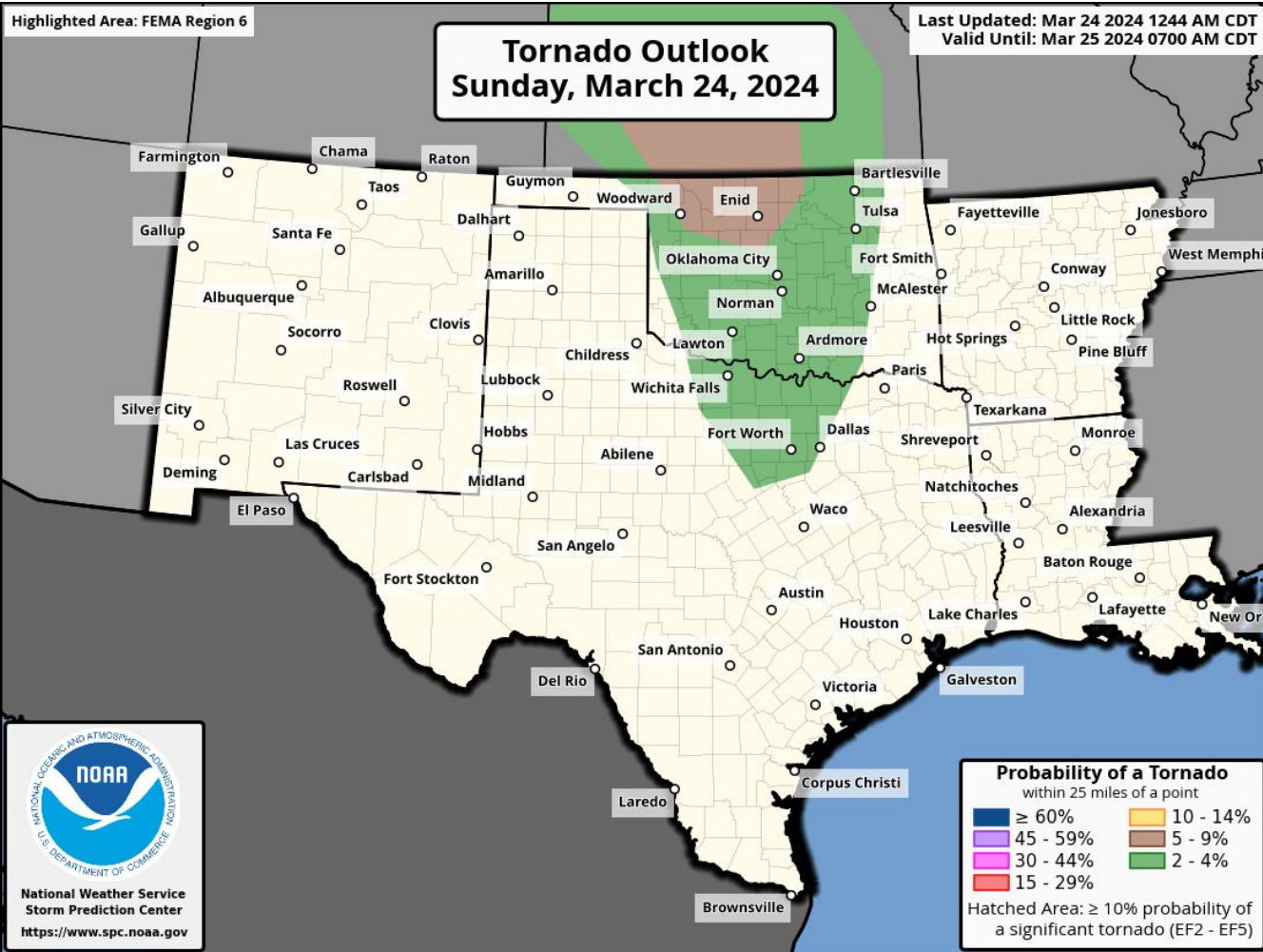
Snow in W/N NM will bring winter driving conditions.





Today's Tornado & Severe Wind / Hail Probabilities

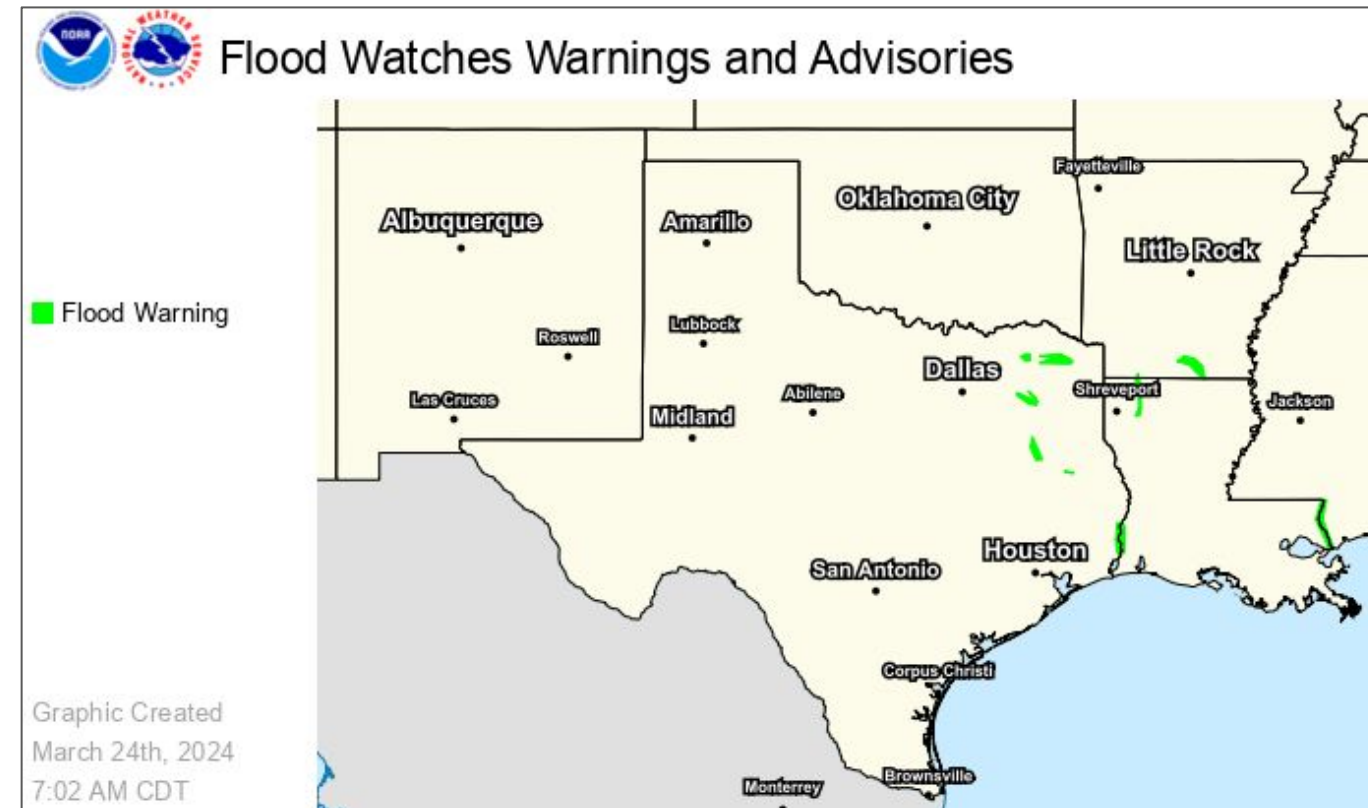
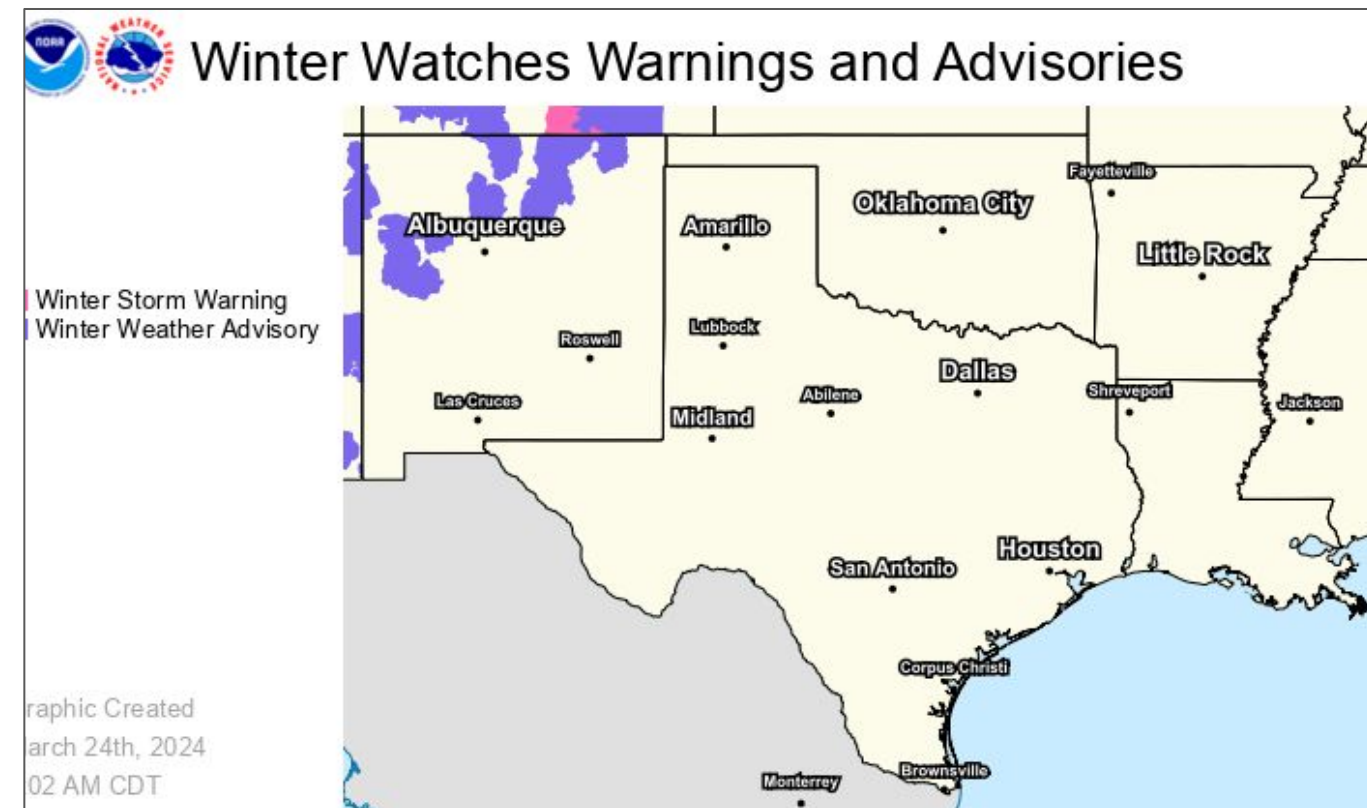
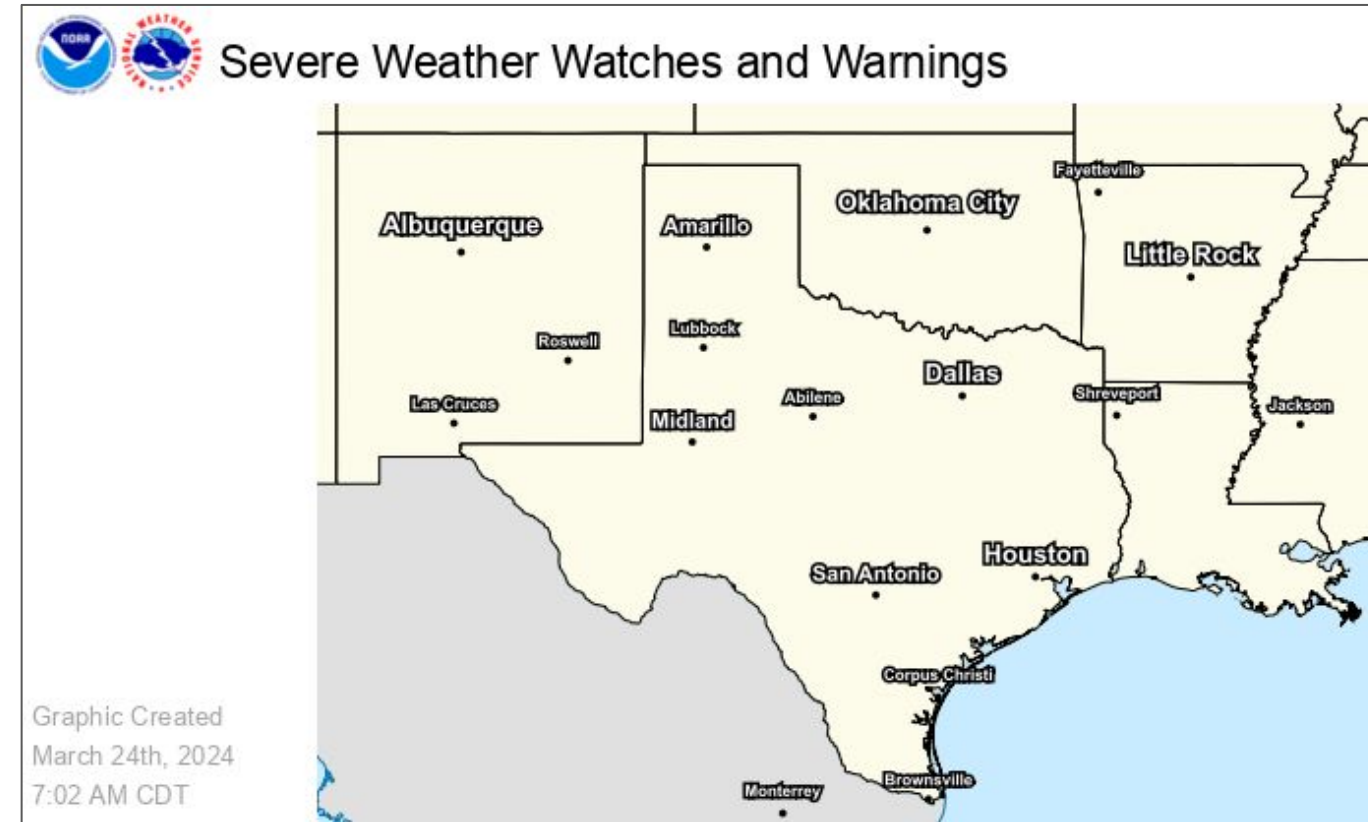
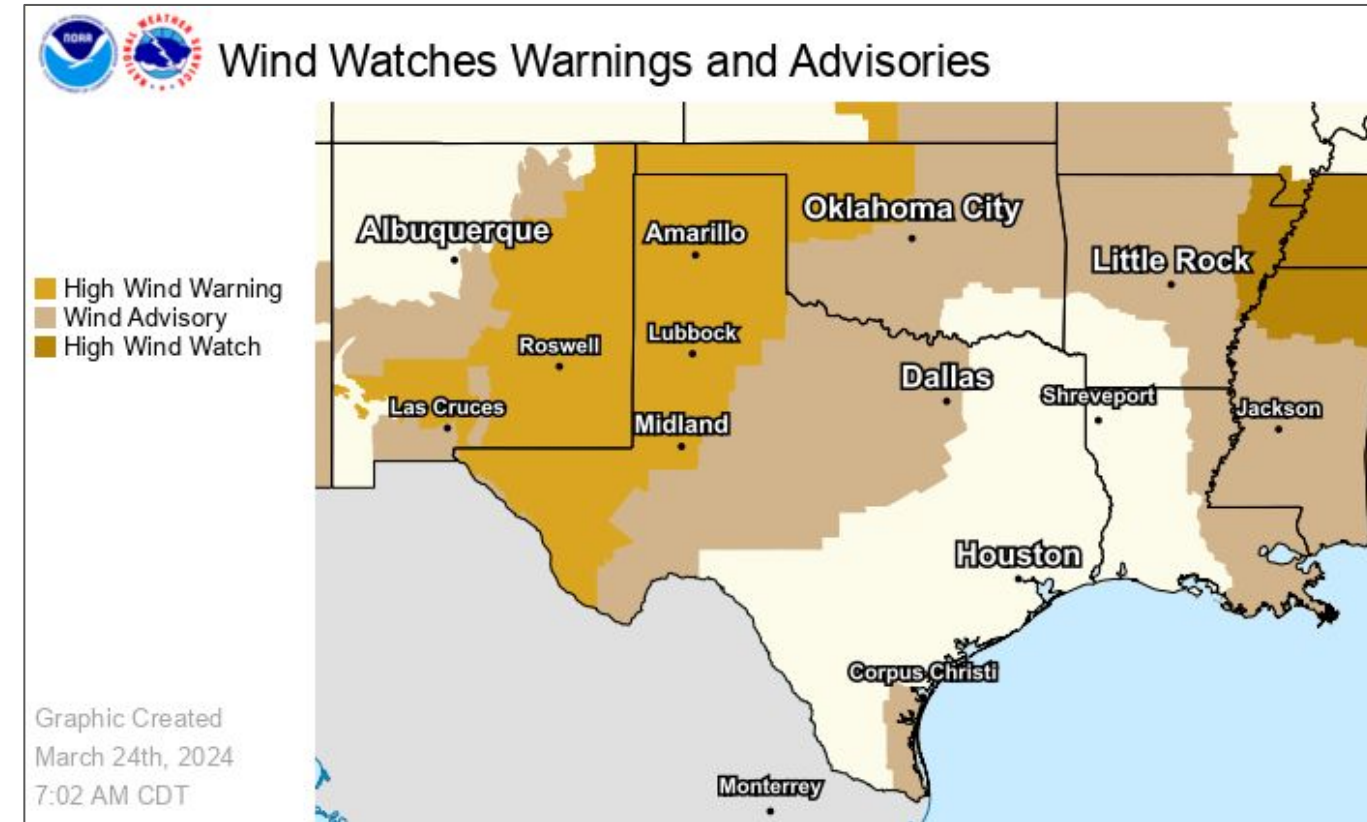
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Watches, Warnings, and Advisories

Wind, Severe, Winter, and Flood Hazards



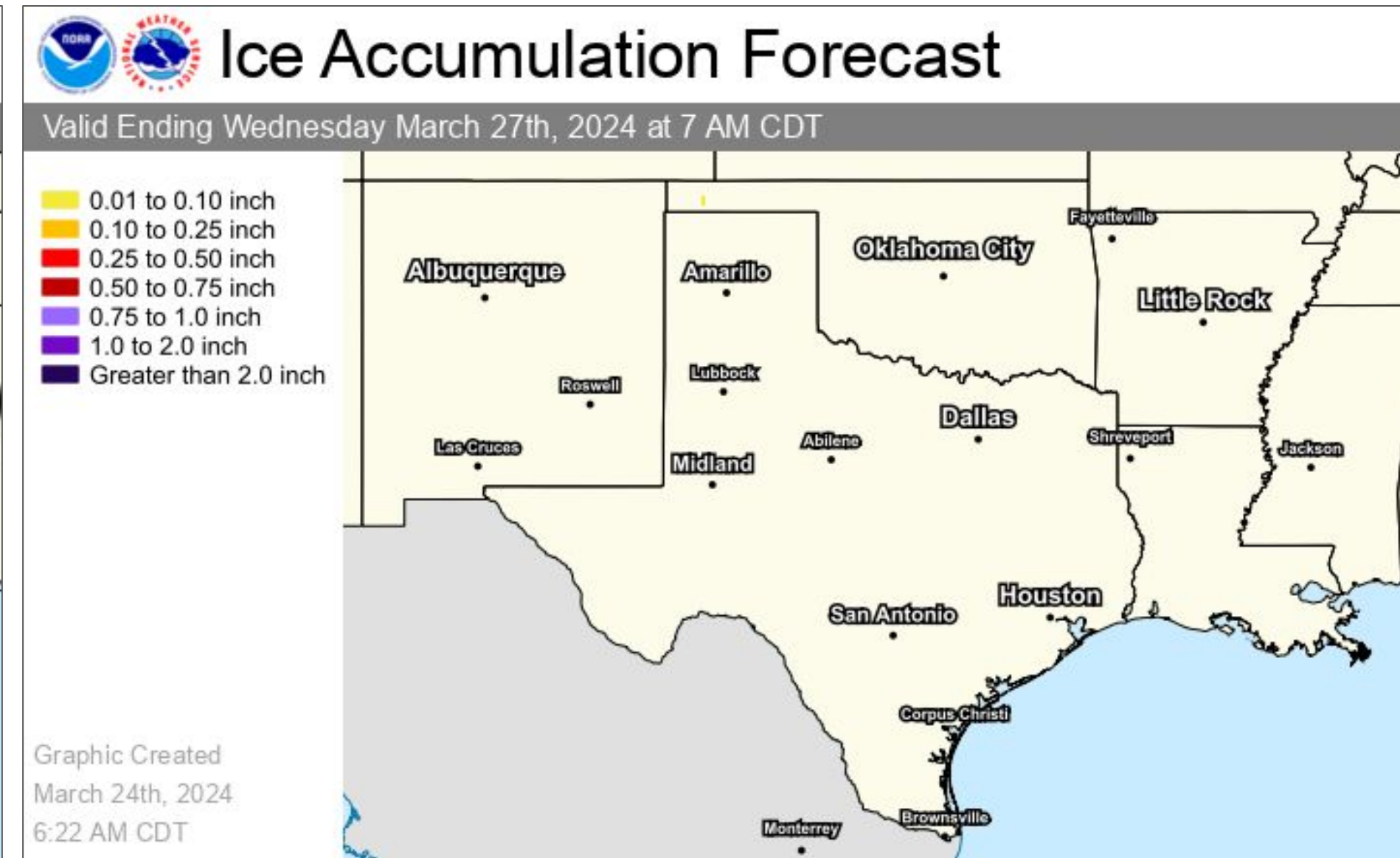
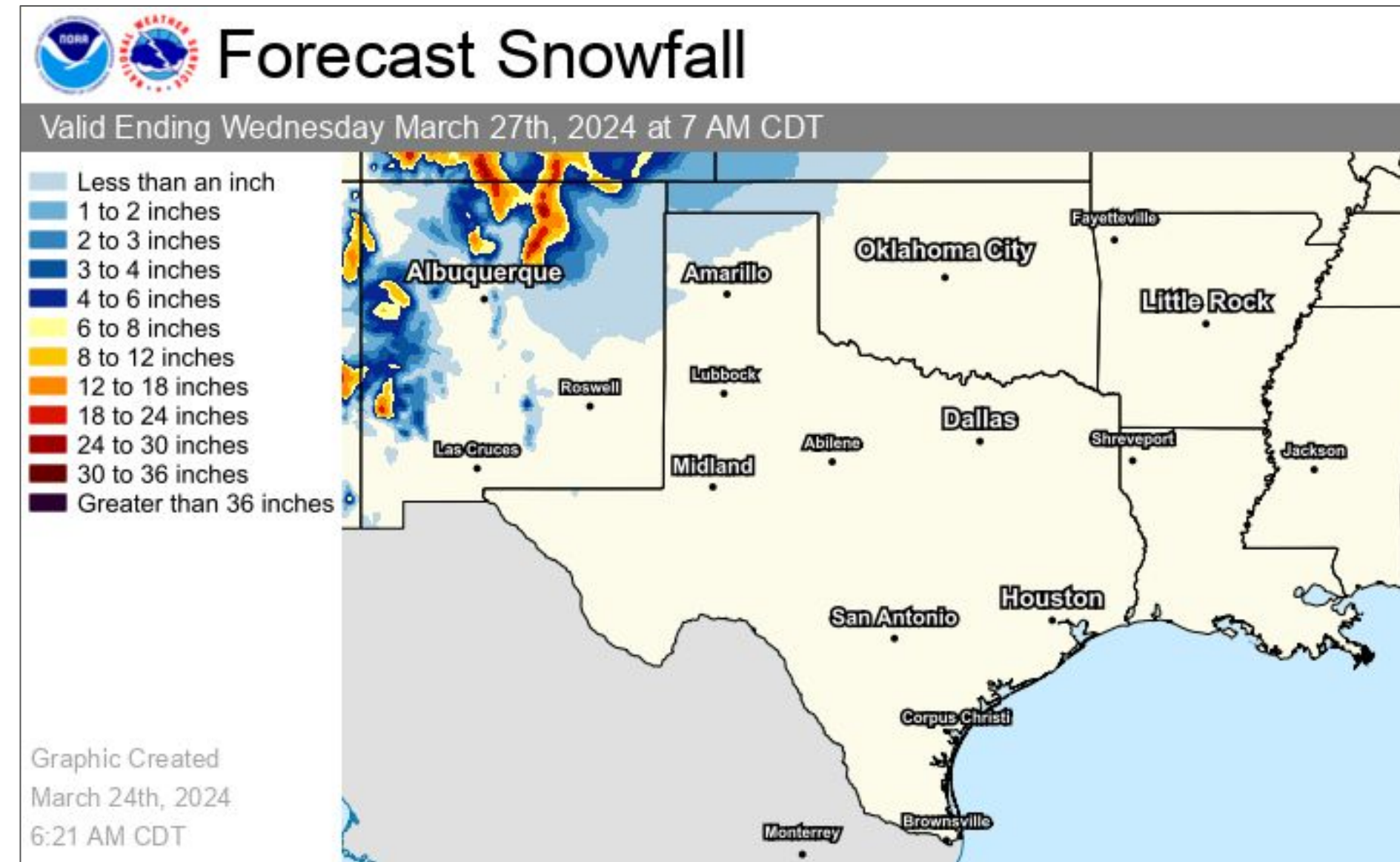
High Wind Warnings and Advisories for NM, TX Panhandle, W TX, OK, AR, E LA today into Monday.

Winter Weather Advisories in W/N NM for today into Monday.



Winter Weather

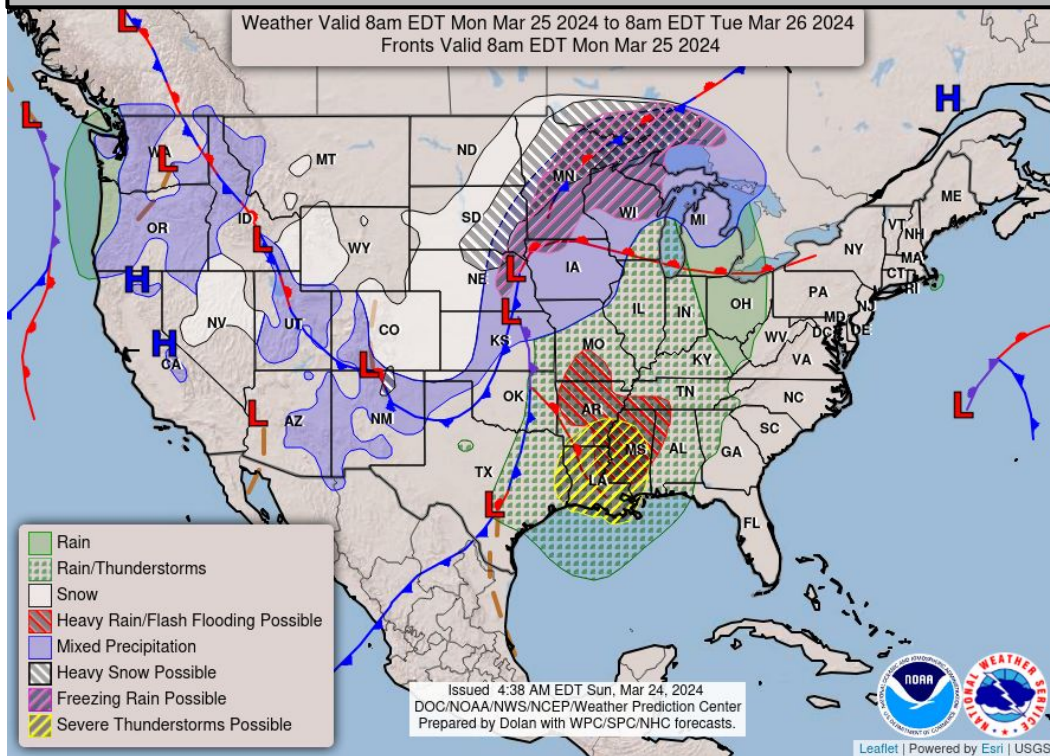
Through the next 3 days



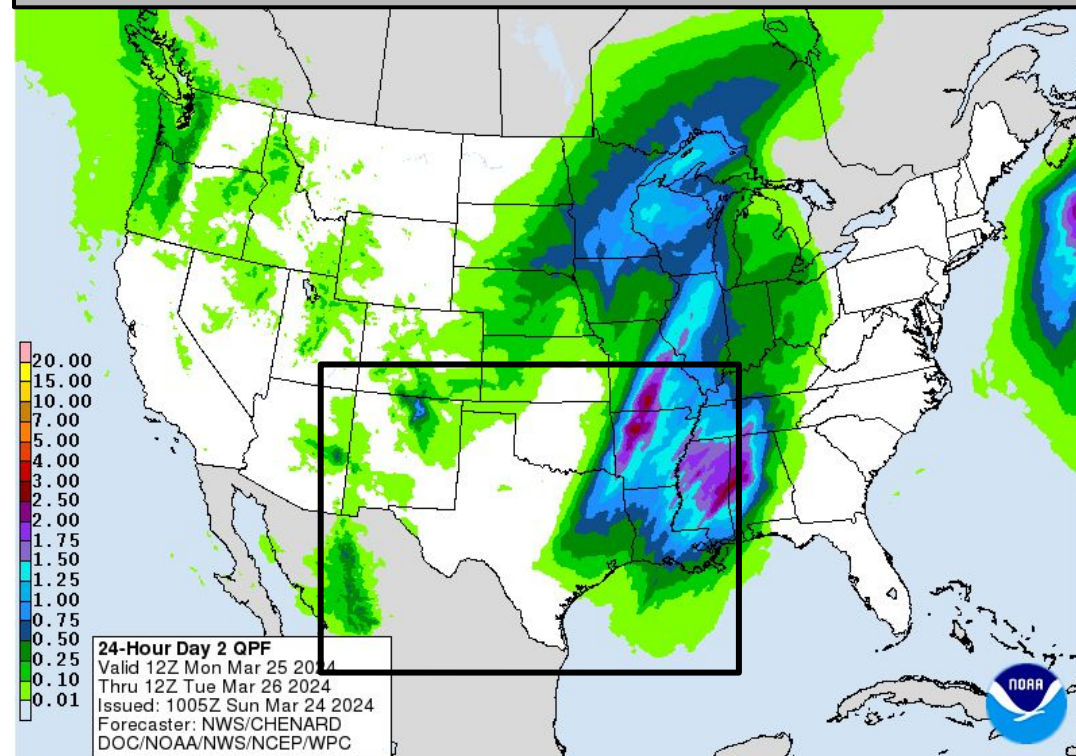


Tomorrow's Weather

Forecast Chart



Forecast Rainfall



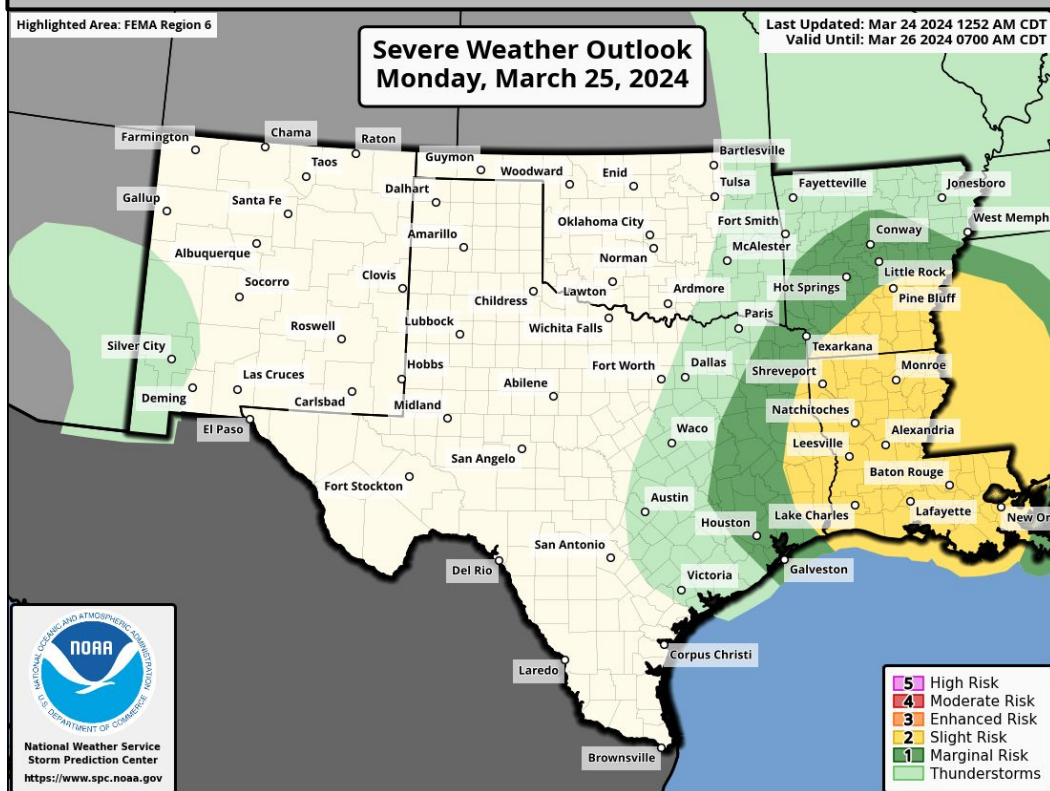
Slight risk for severe storms in S AR, LA, and E TX.

Slight risk for heavy rainfall/flash flooding in AR and N LA.

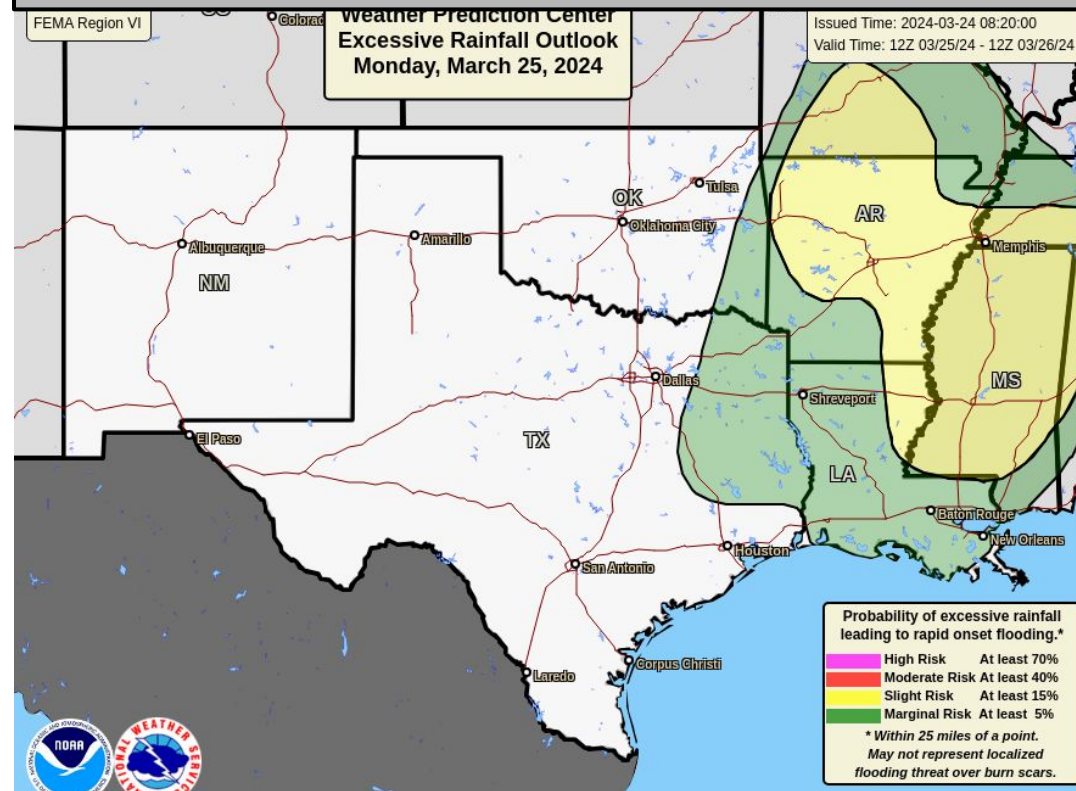
Elevated fire weather conditions in W/Ctr TX.

Snow plus windy conditions in E/N NM and TX/OK Panhandles will lower visibility and cause winter driving conditions.

Severe Weather Outlook

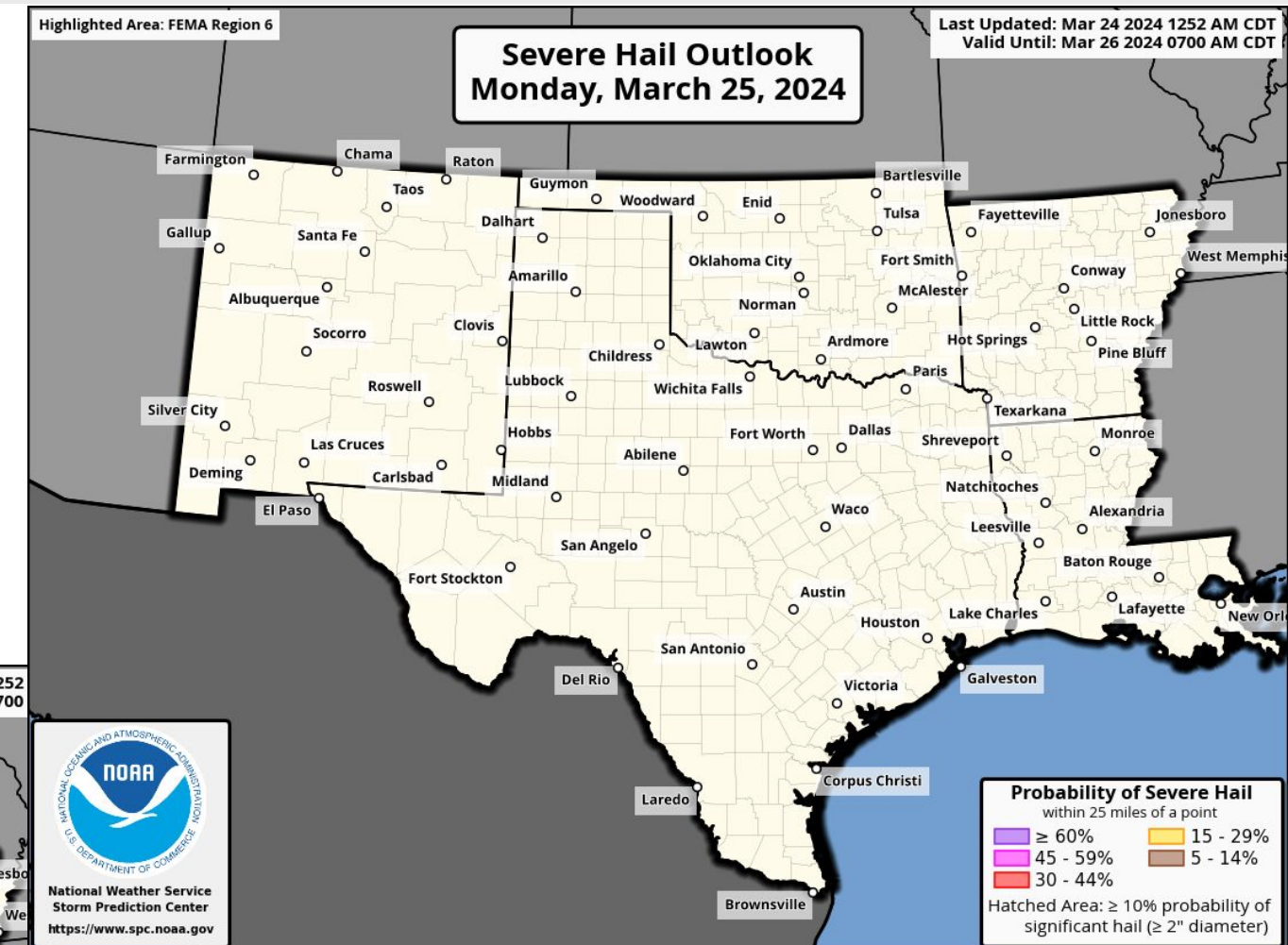
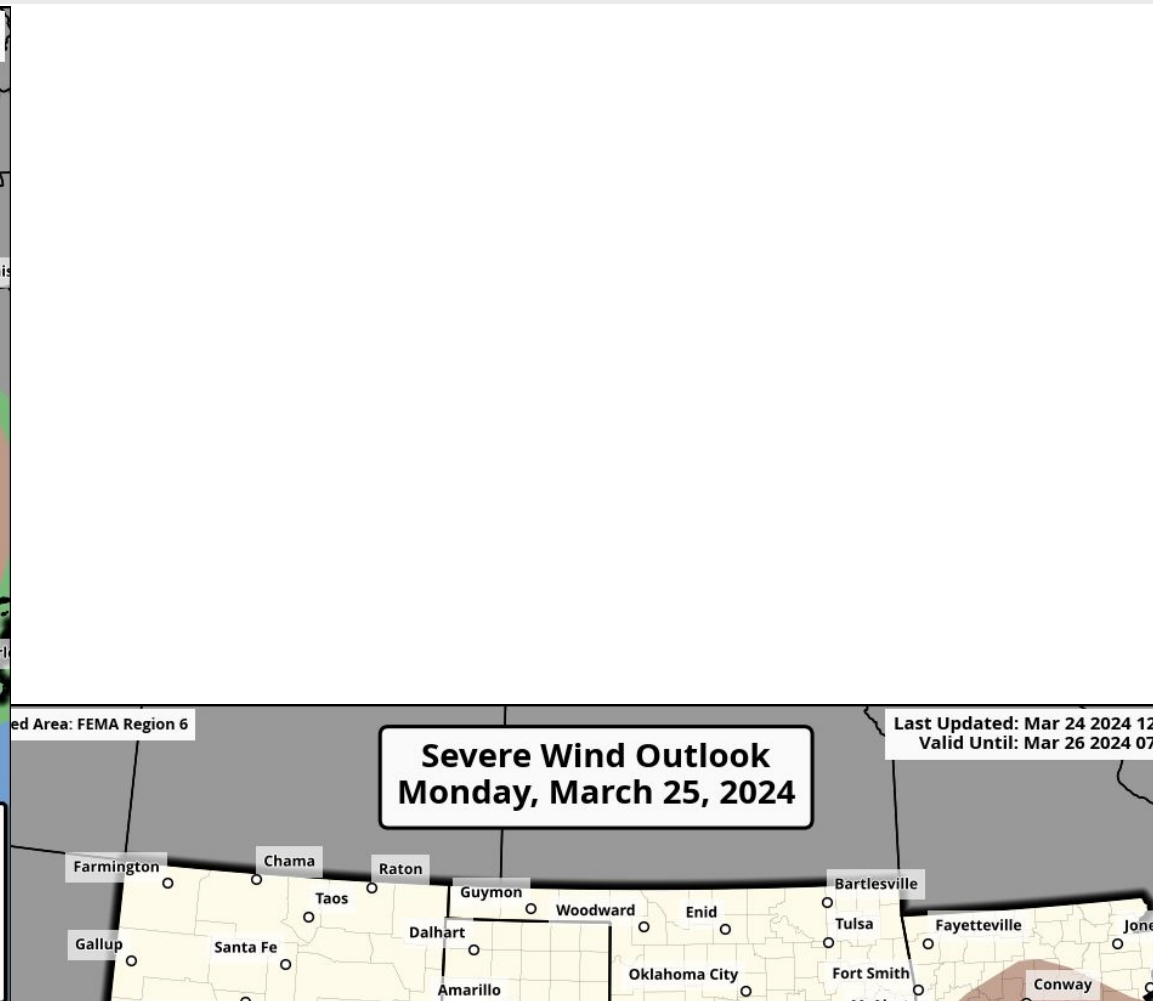
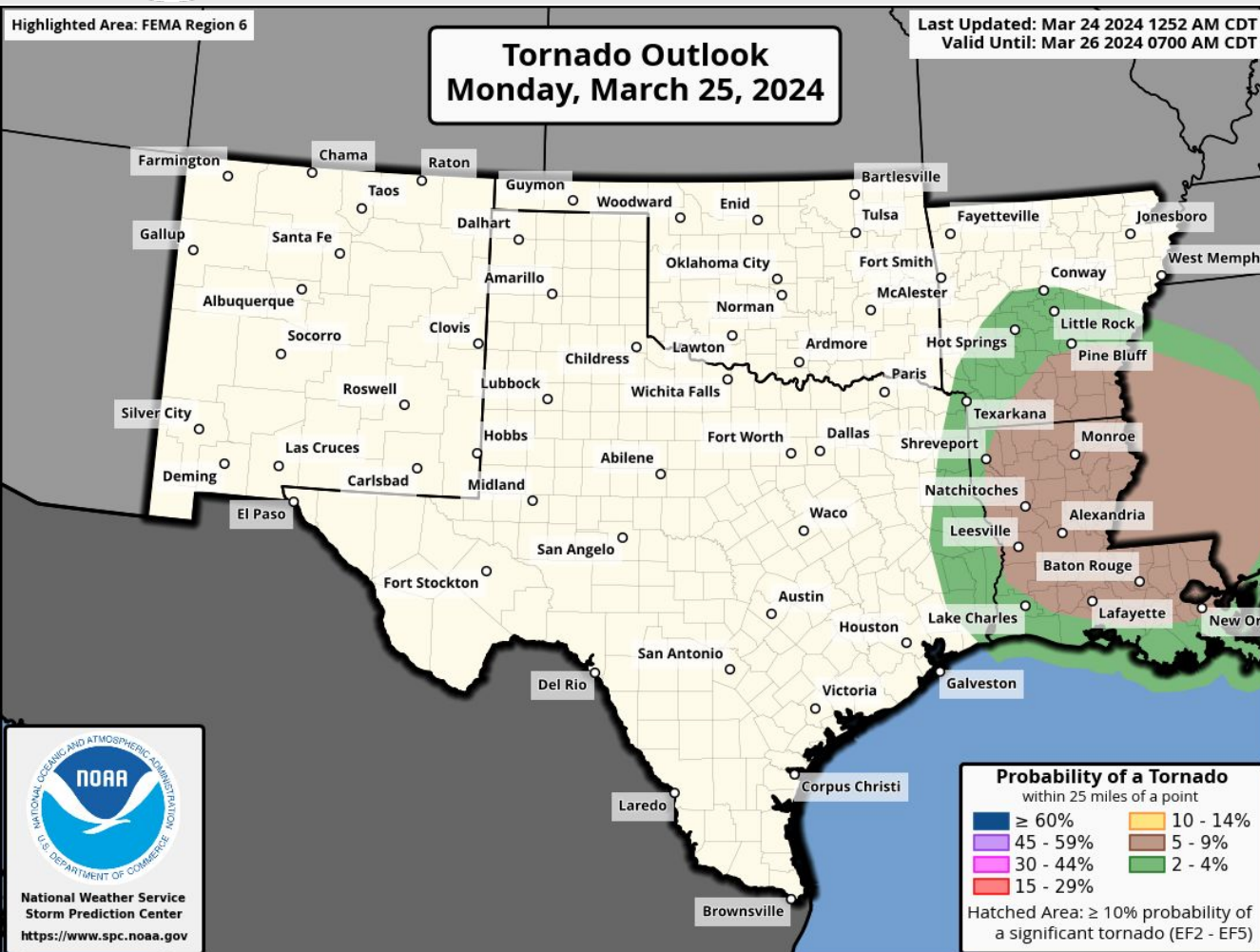


Excessive Rainfall Outlook





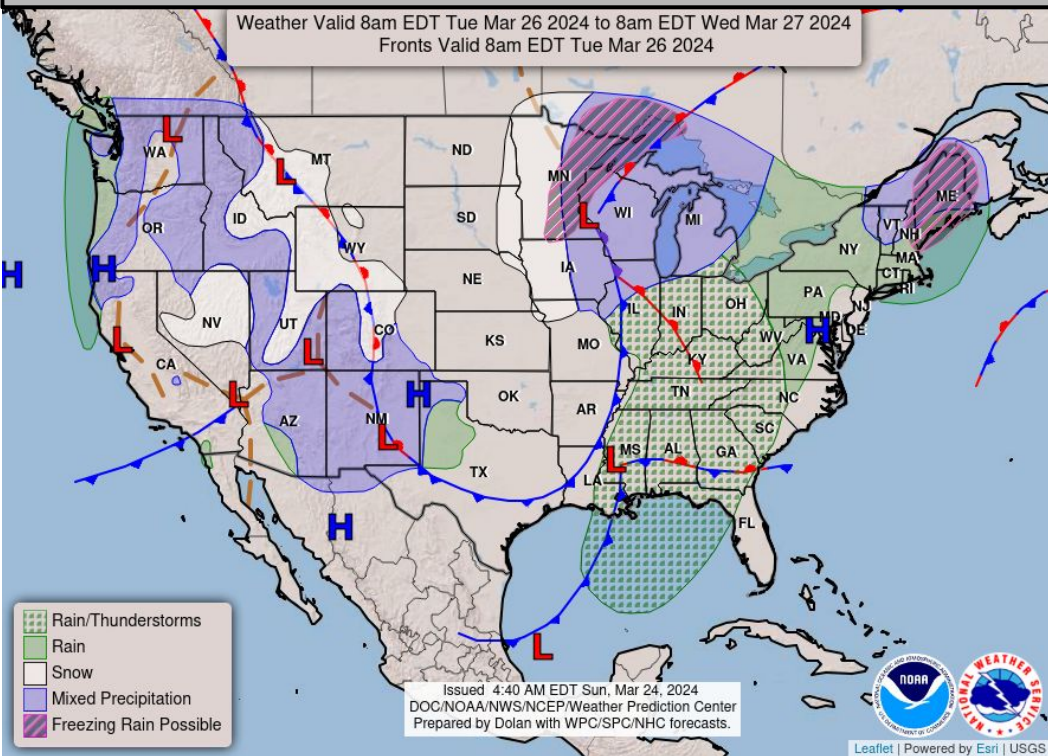
Tomorrow's Tornado & Severe Wind / Hail Probabilities



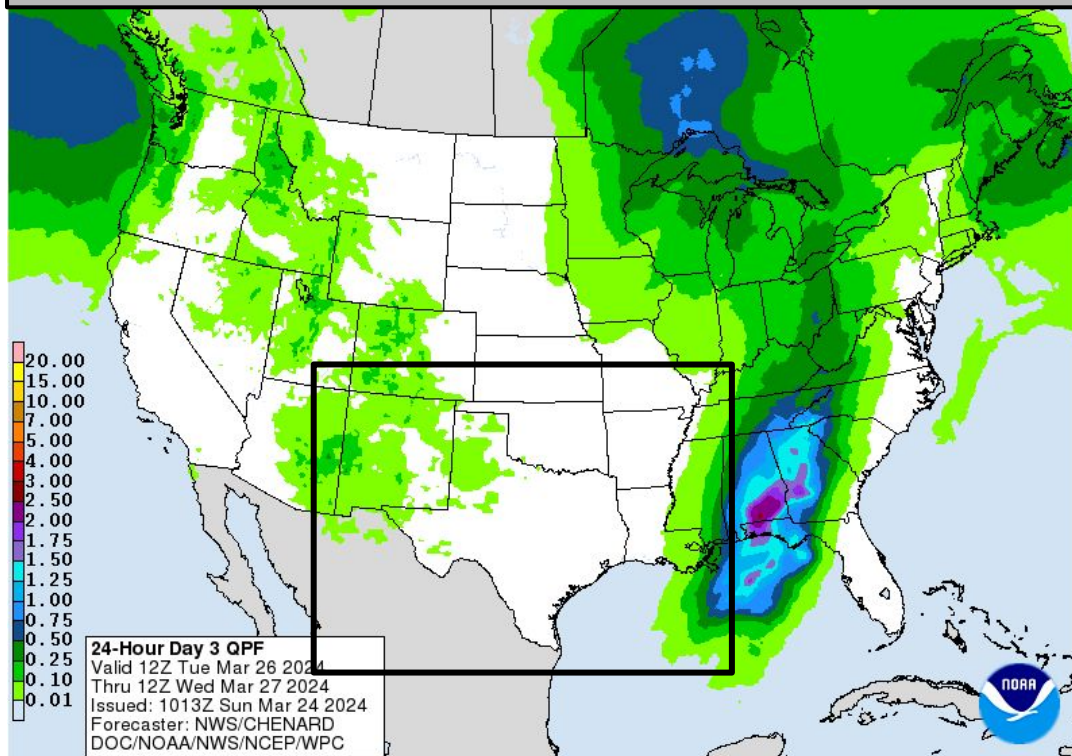


Tuesday's Weather

Forecast Chart

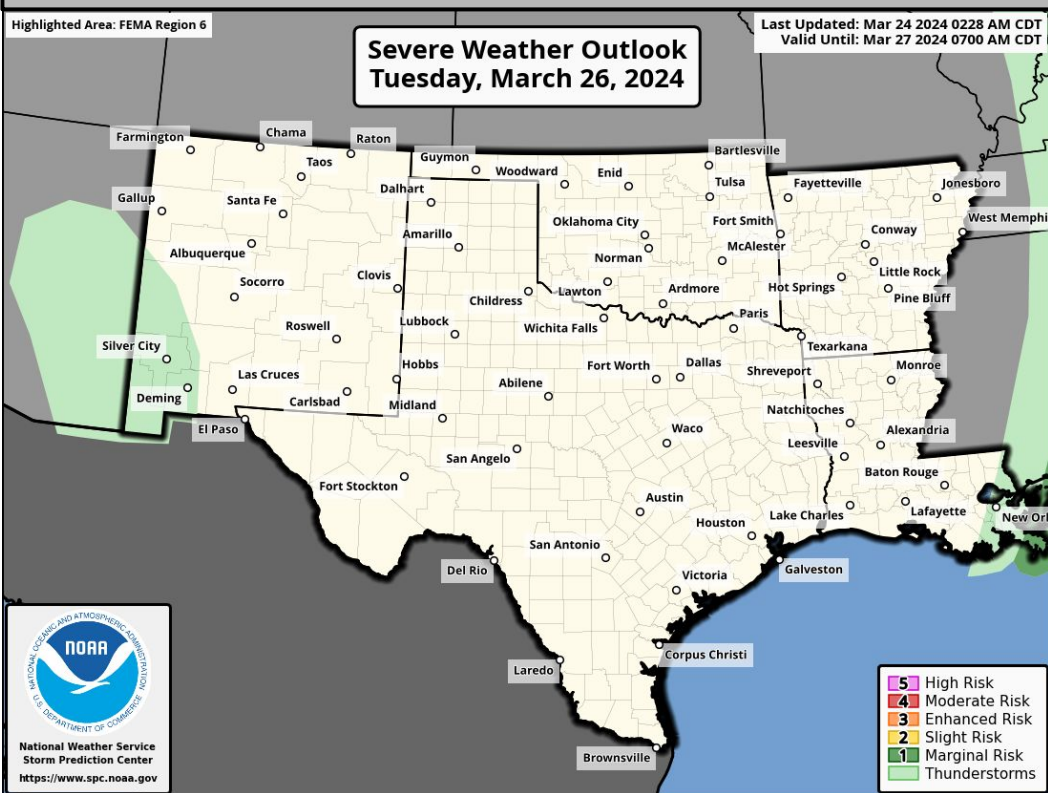


Forecast Rainfall

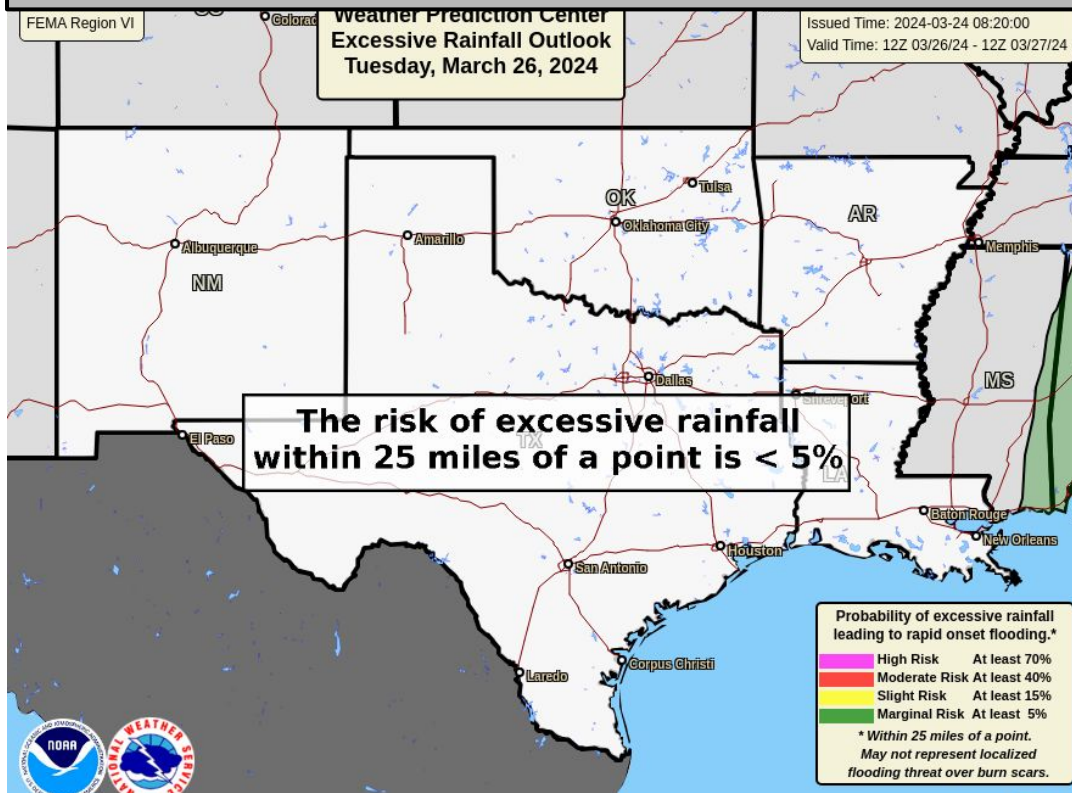


No significant weather expected.

Severe Weather Outlook



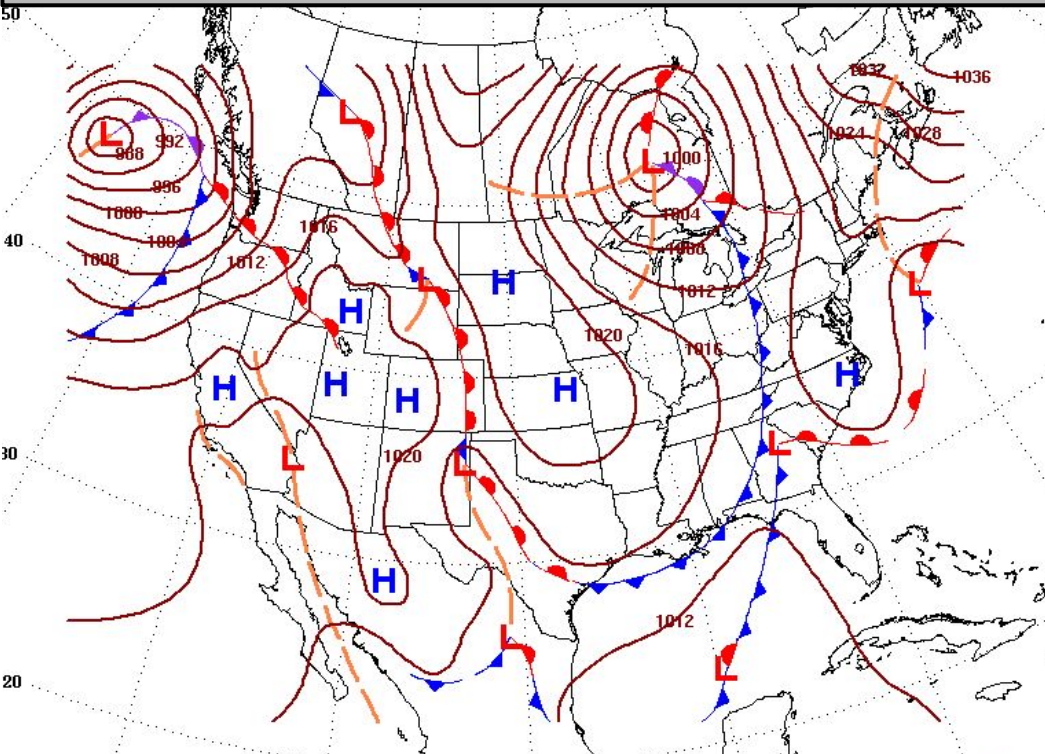
Excessive Rainfall Outlook



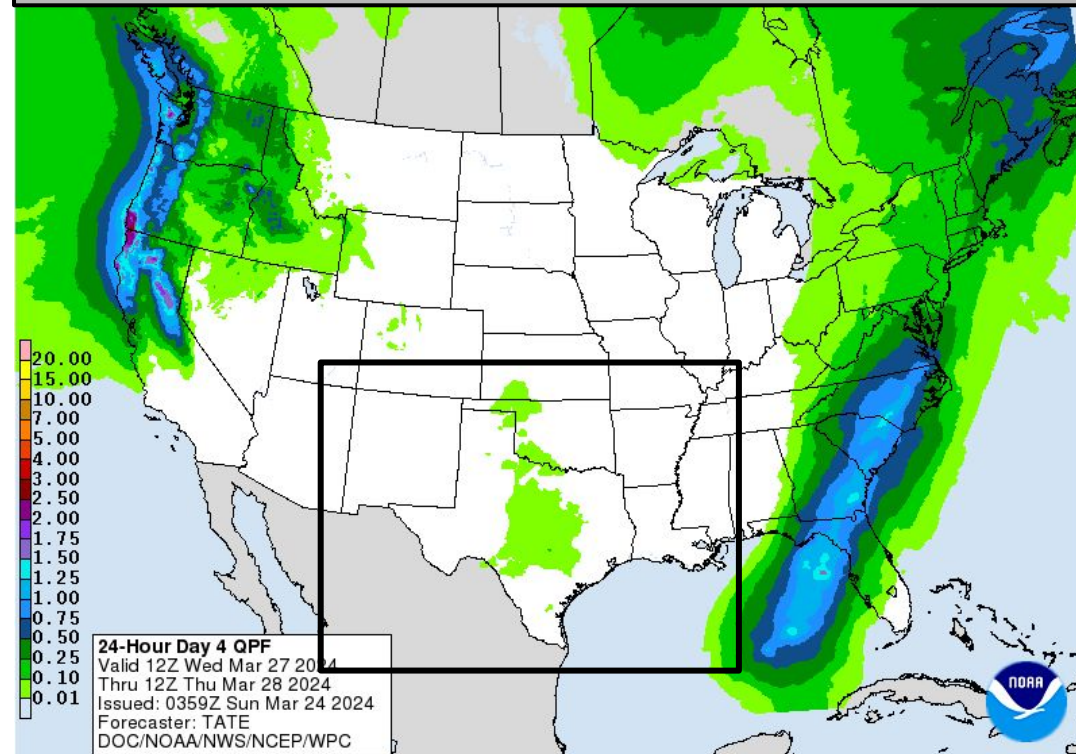


Wednesday's Weather

Forecast Chart

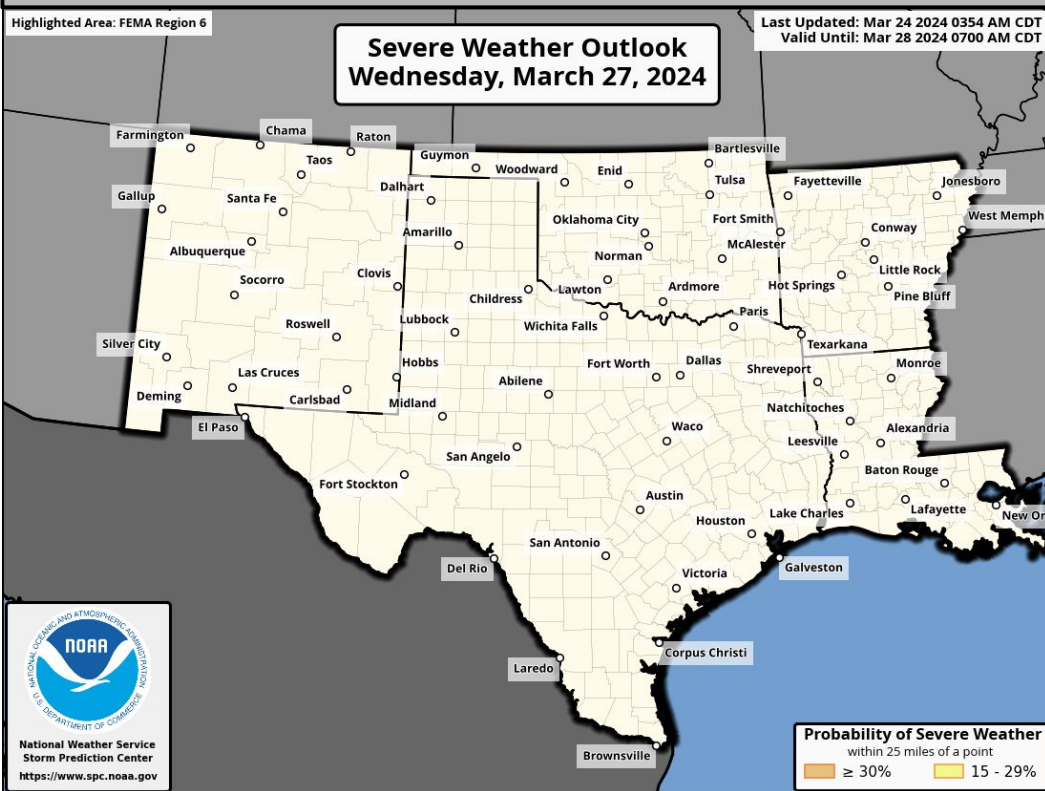


Forecast Rainfall

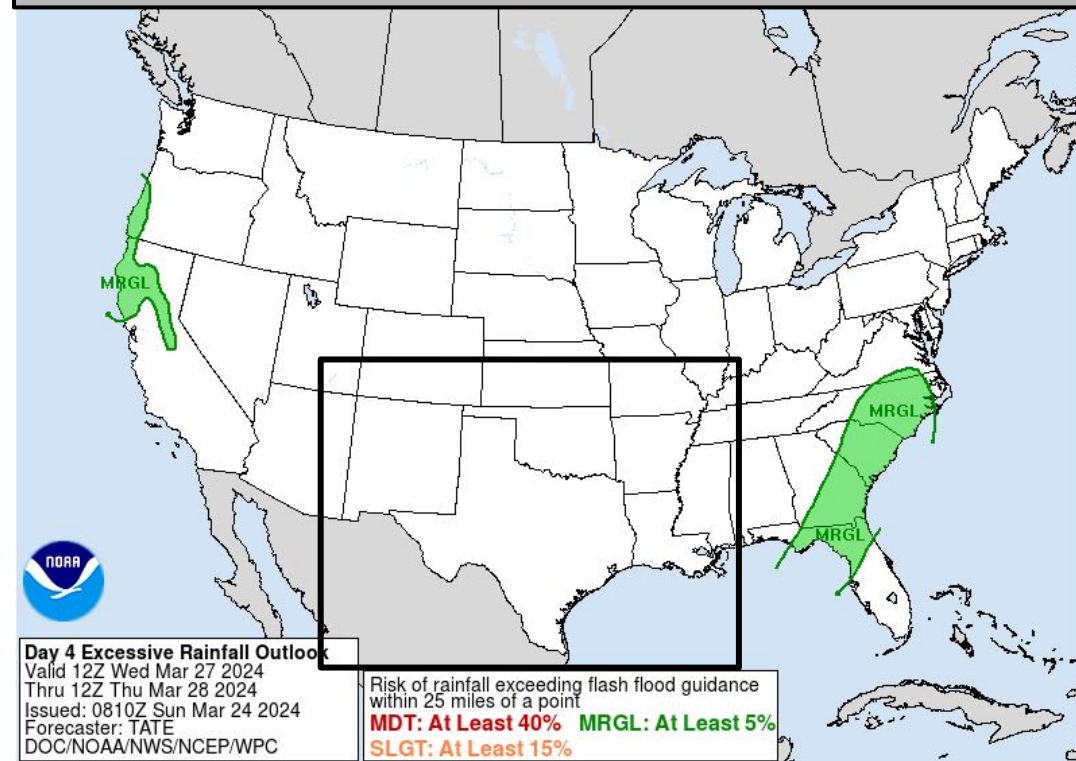


No significant weather expected.

Severe Weather Outlook



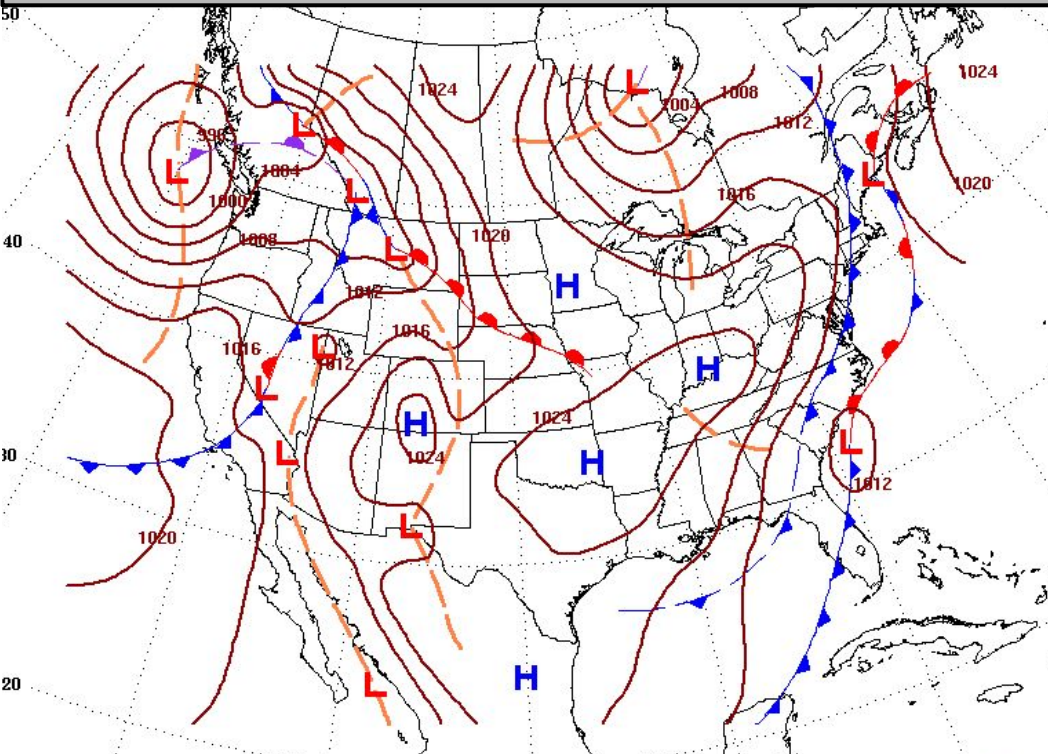
Excessive Rainfall Outlook



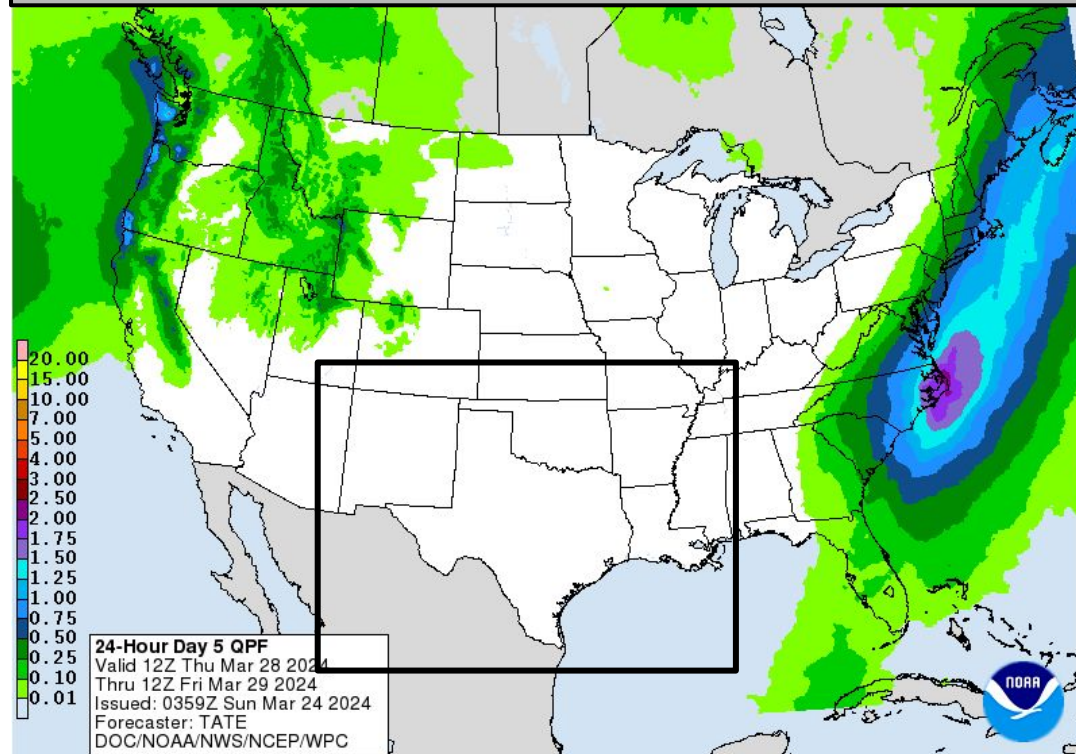


Thursday's Weather

Forecast Chart

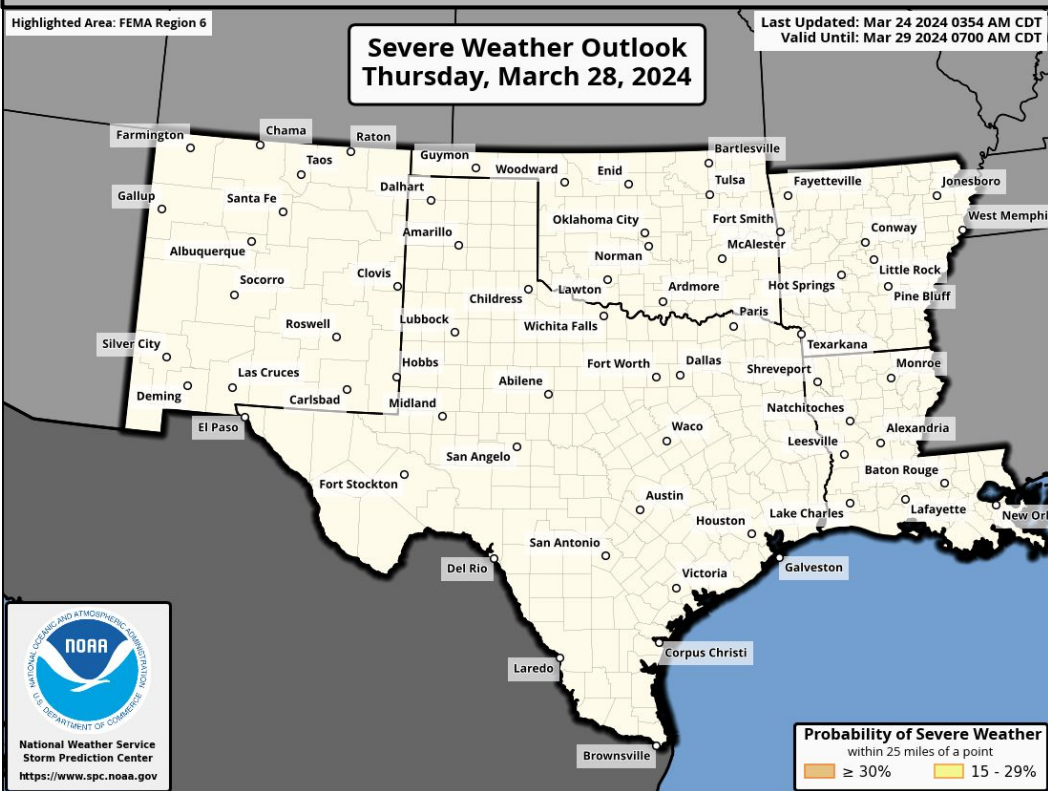


Forecast Rainfall

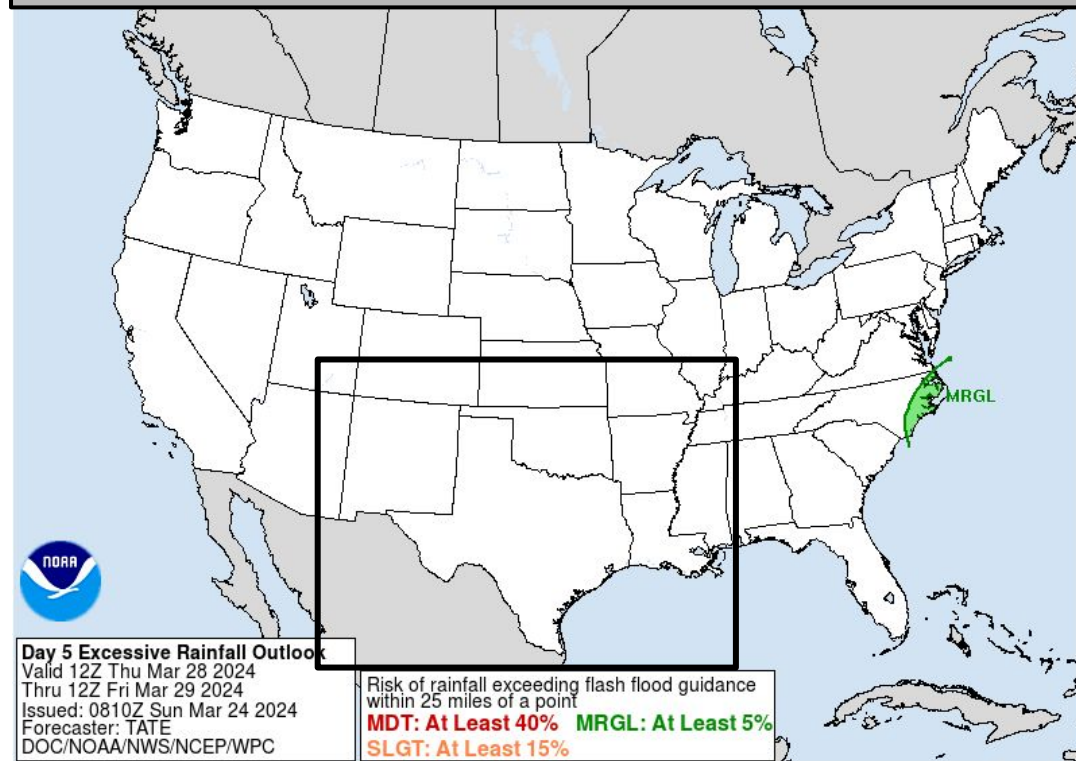


Elevated fire weather conditions expected in E NM, W TX, and TX/OK Panhandles.

Severe Weather Outlook



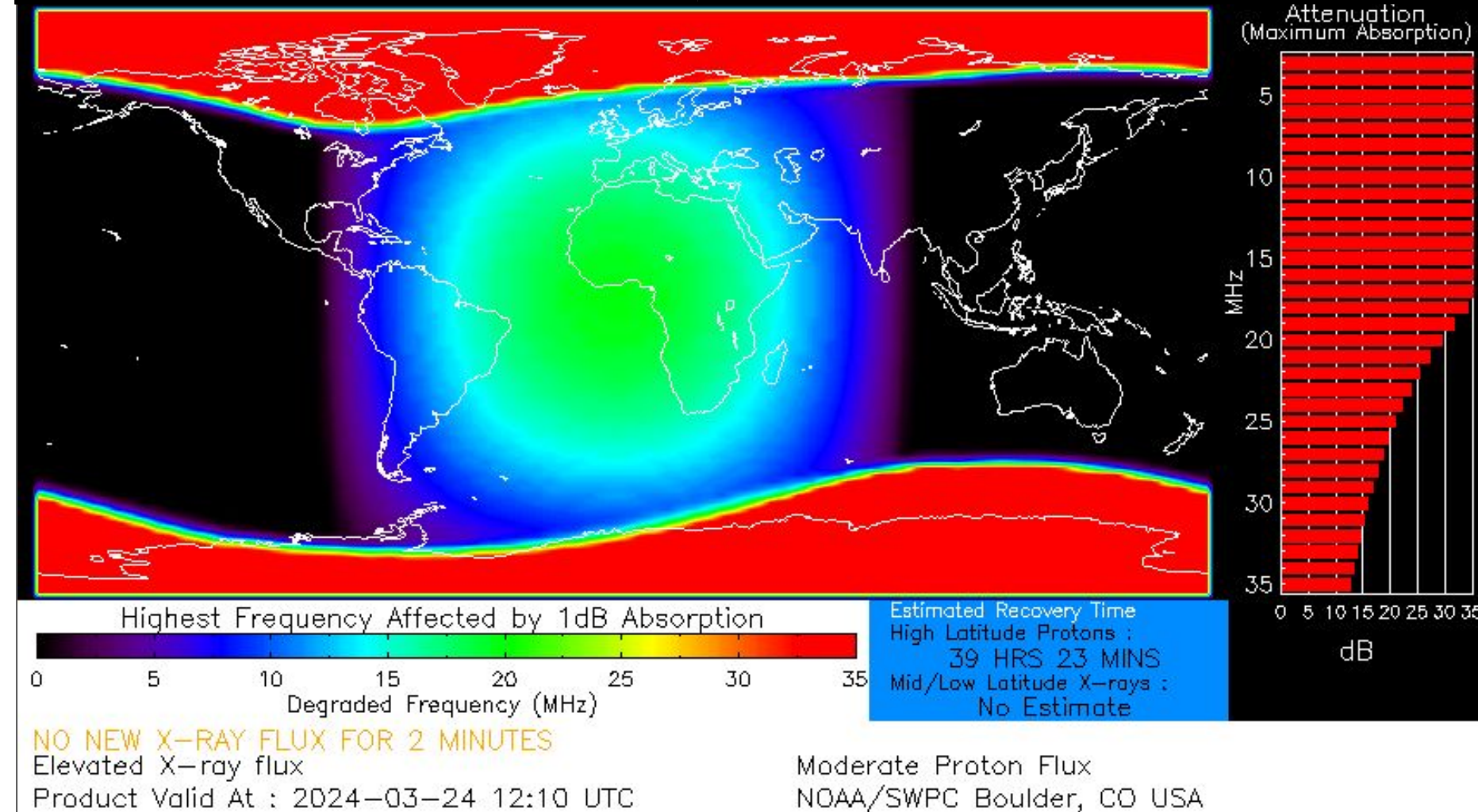
Excessive Rainfall Outlook





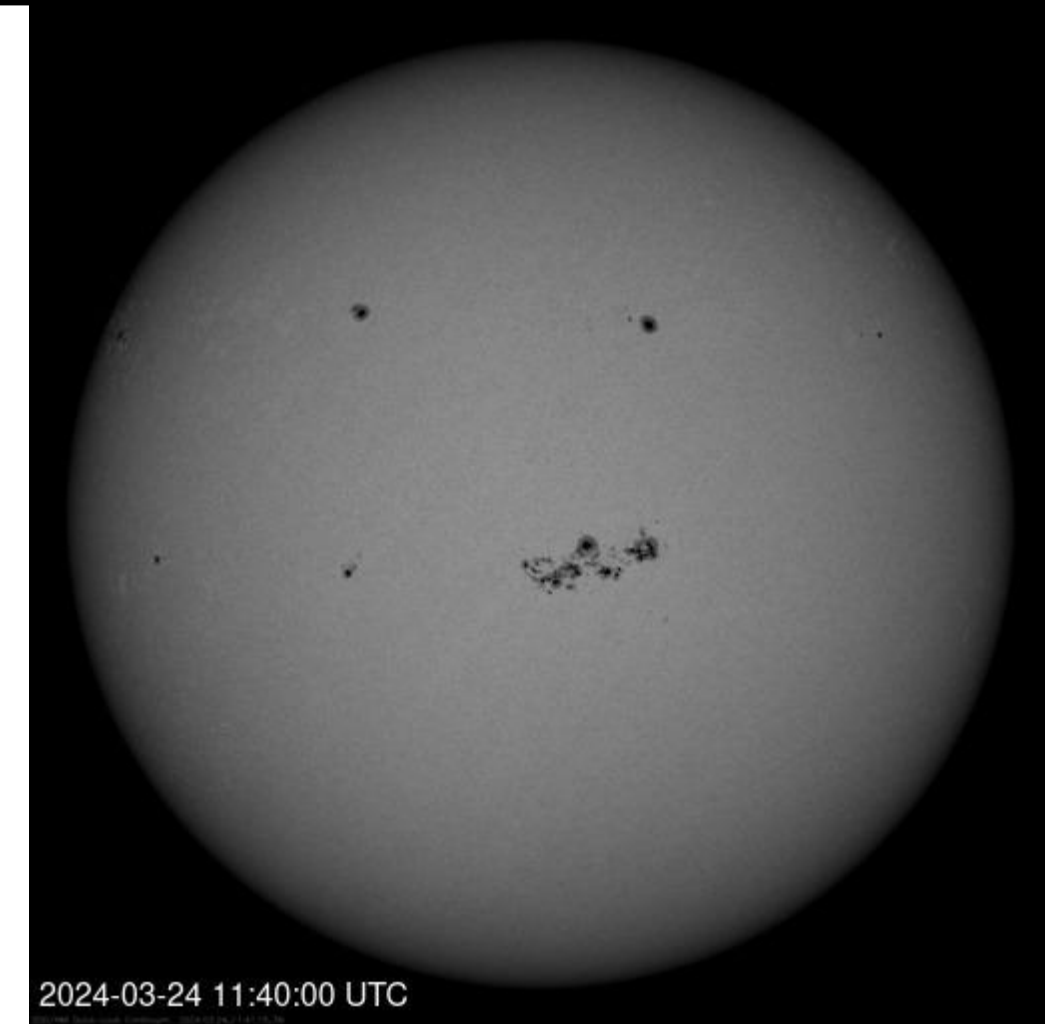
Space Weather 3-Day Forecast

	Sunday, Mar 24	Monday, Mar 25	Tuesday, Mar 26
Geomagnetic Storms	Strong G3 Storm (Max Kp = 7)	Minor G1 Storm (Max Kp = 5)	Active (Max Kp = 4)
Solar Radiation Storm (S1-S5)	99%	70%	50%
Radio Blackout (R1-R2)	90%	90%	90%
Radio Blackout (R3-R5)	40%	40%	40%



[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



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