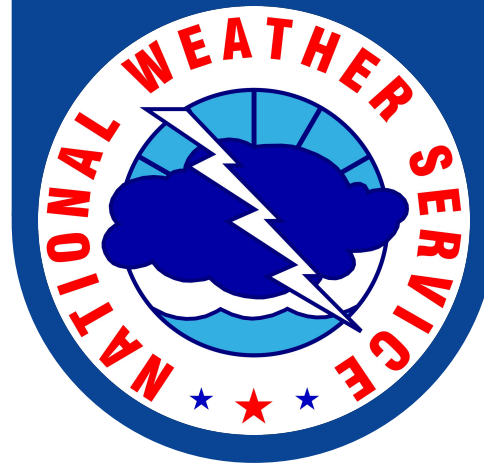




FEMA



Prepared by
Melissa Beat

FEMA Region 6 Weather Threat Briefing

Monday, March 11, 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 today through Wednesday for E NM and W TX.**
- **Marginal risk of severe thunderstorms across NE OK on Tuesday and E OK, N TX on Wednesday.**
- **Slight risk of severe thunderstorms and excessive rainfall across SE OK, NE TX, AR, N LA on Thursday and possibly continuing into Friday.**
- **Minor river flooding lingers in E TX and NW LA with some flooding of secondary roadways.**





FEMA Region 6 Threat Matrix

Next 5 Days

	Monday, Mar 11	Tuesday, Mar 12	Wednesday, Mar 13	Thursday, Mar 14	Friday, Mar 14
Severe Storms		NE OK	E OK, NTX	SE OK, N/ETX, SW AR, NW LA	SE OK, N/ETX/ SW AR, NW LA
Heavy Rain / Flash Flooding				SE OK, N/ETX, AR, N LA	ETX, SE AR, LA
Fire Weather	NE NM TX/OK Panhandles	SE NM WTX	E NM WTX		
Cold					
Winter Weather					
River Flooding	SETX, NW LA	SETX, NW LA	NW LA	NW LA	NW LA

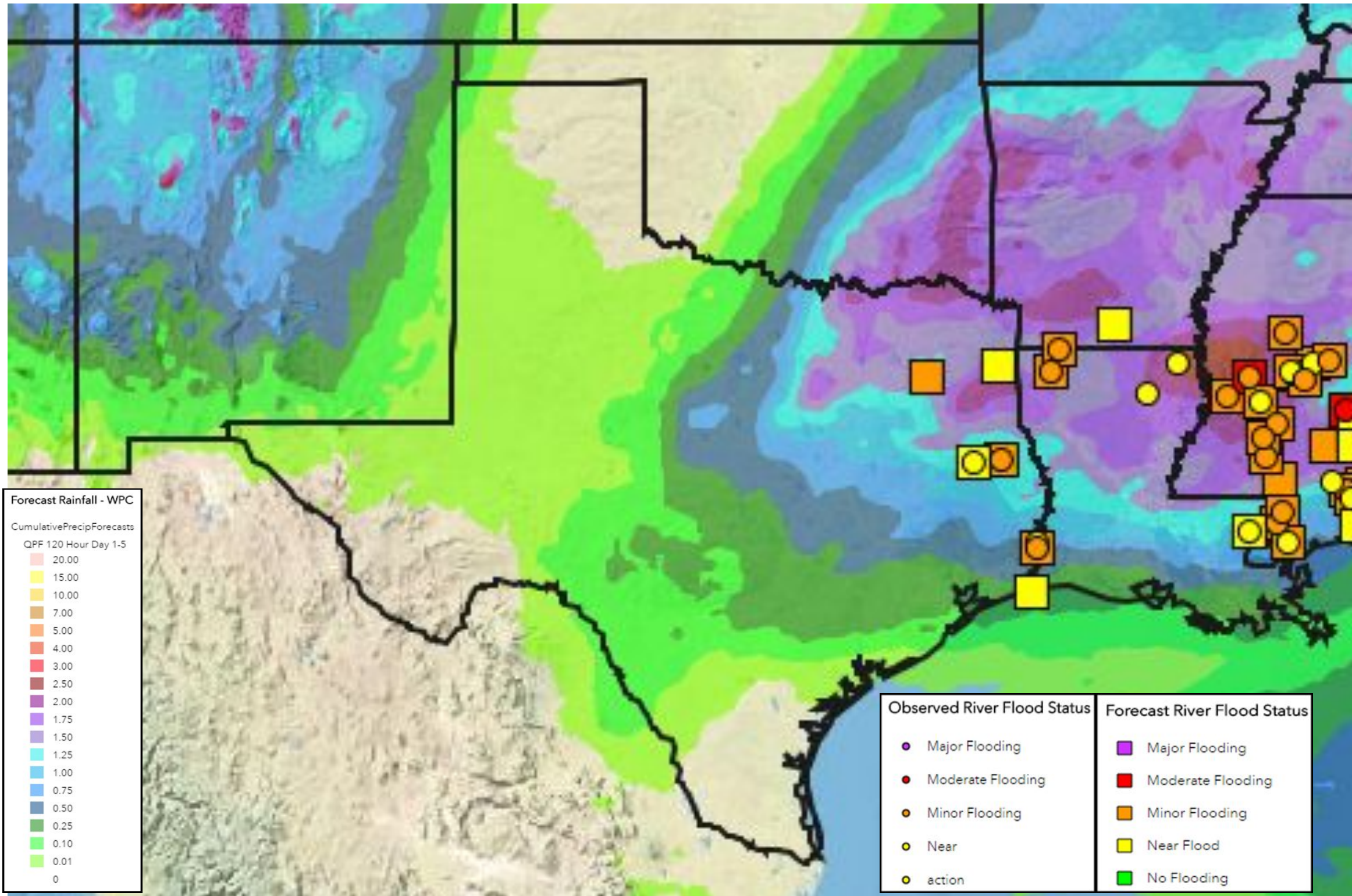
	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

**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



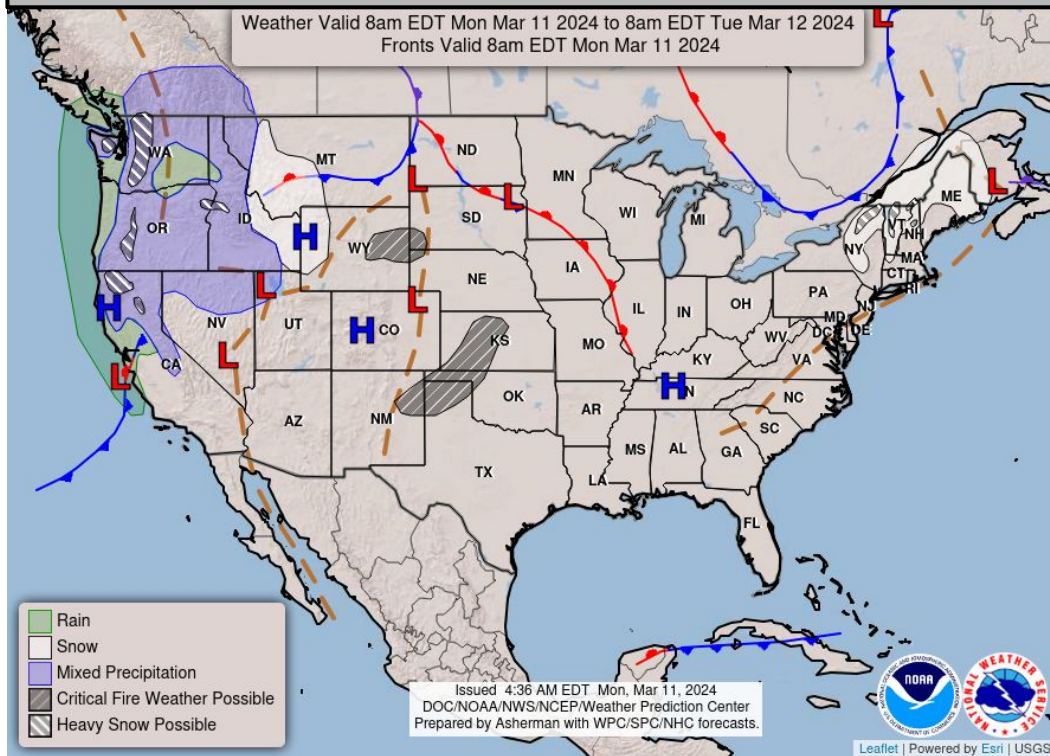
Minor river flooding in ETX and NW LA with some flooding of secondary roadways.

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

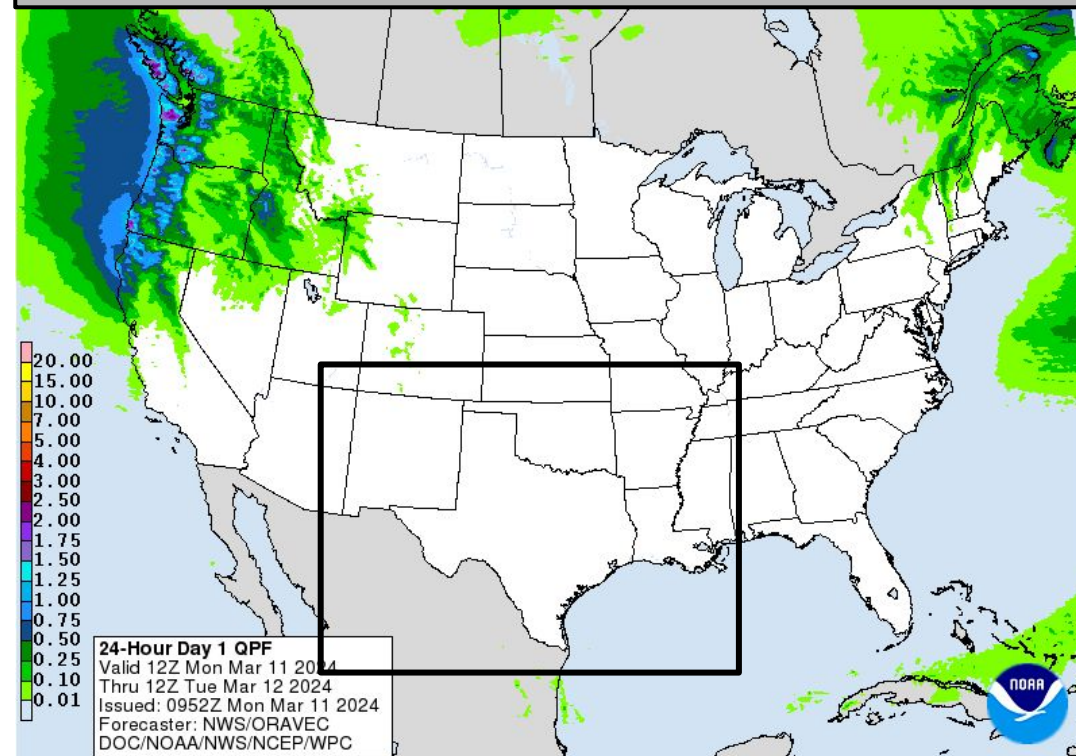


Today's Weather

Forecast Chart

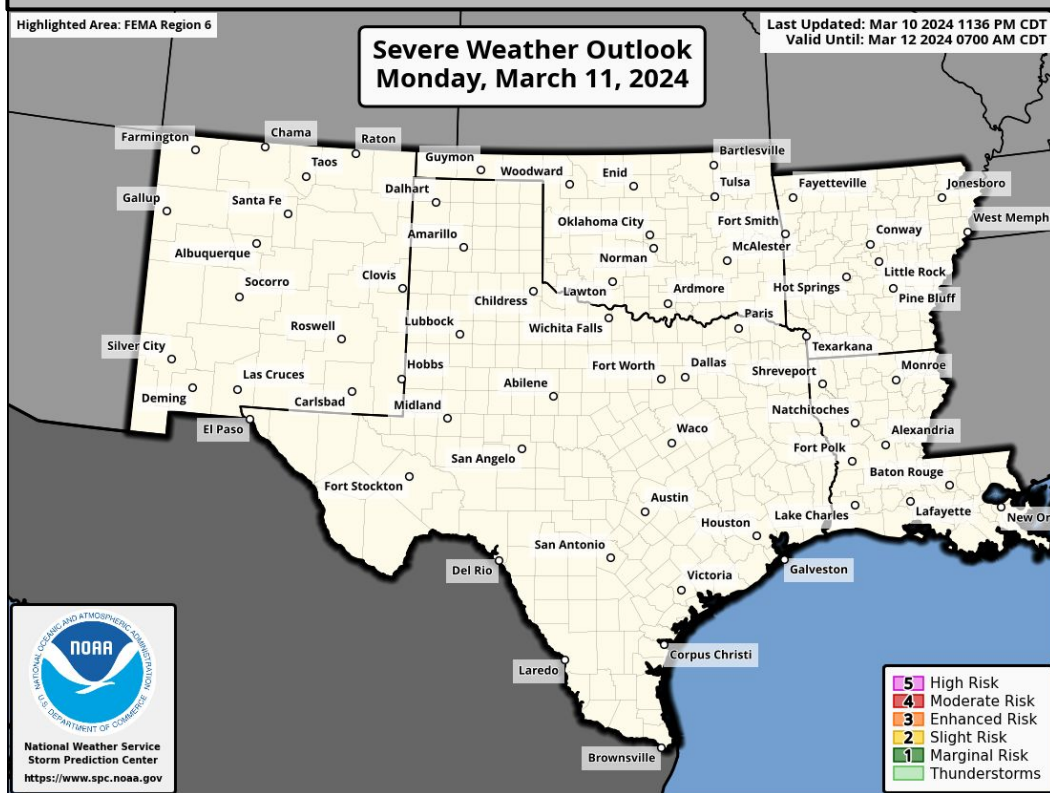


Forecast Rainfall

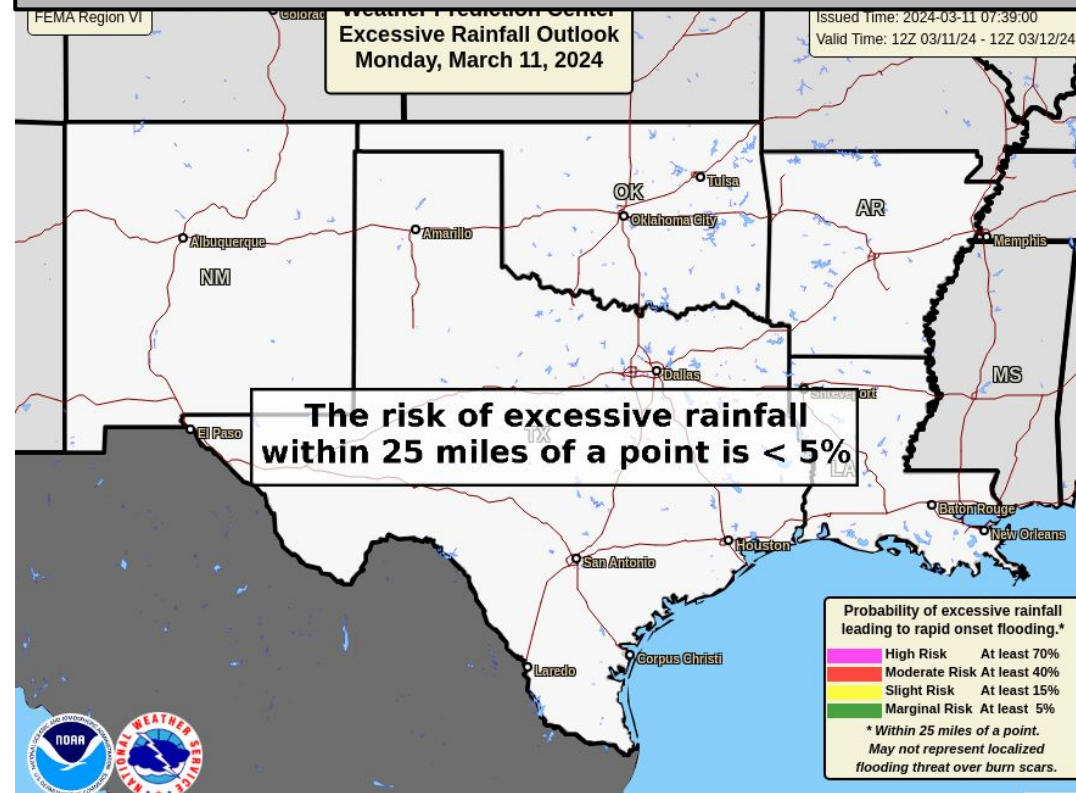


Elevated to critical fire weather conditions over NE NM into TX/OK Panhandles.

Severe Weather Outlook



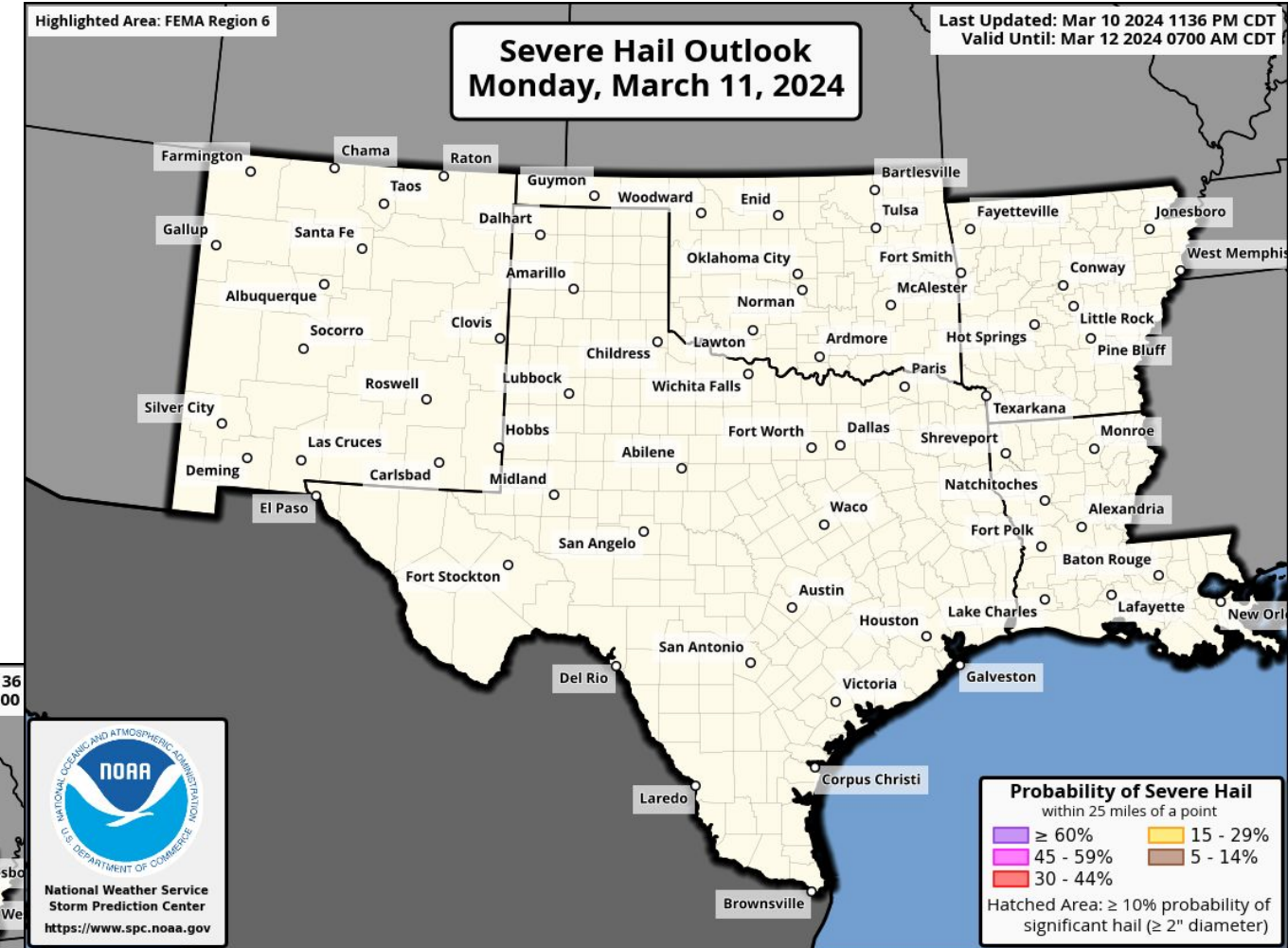
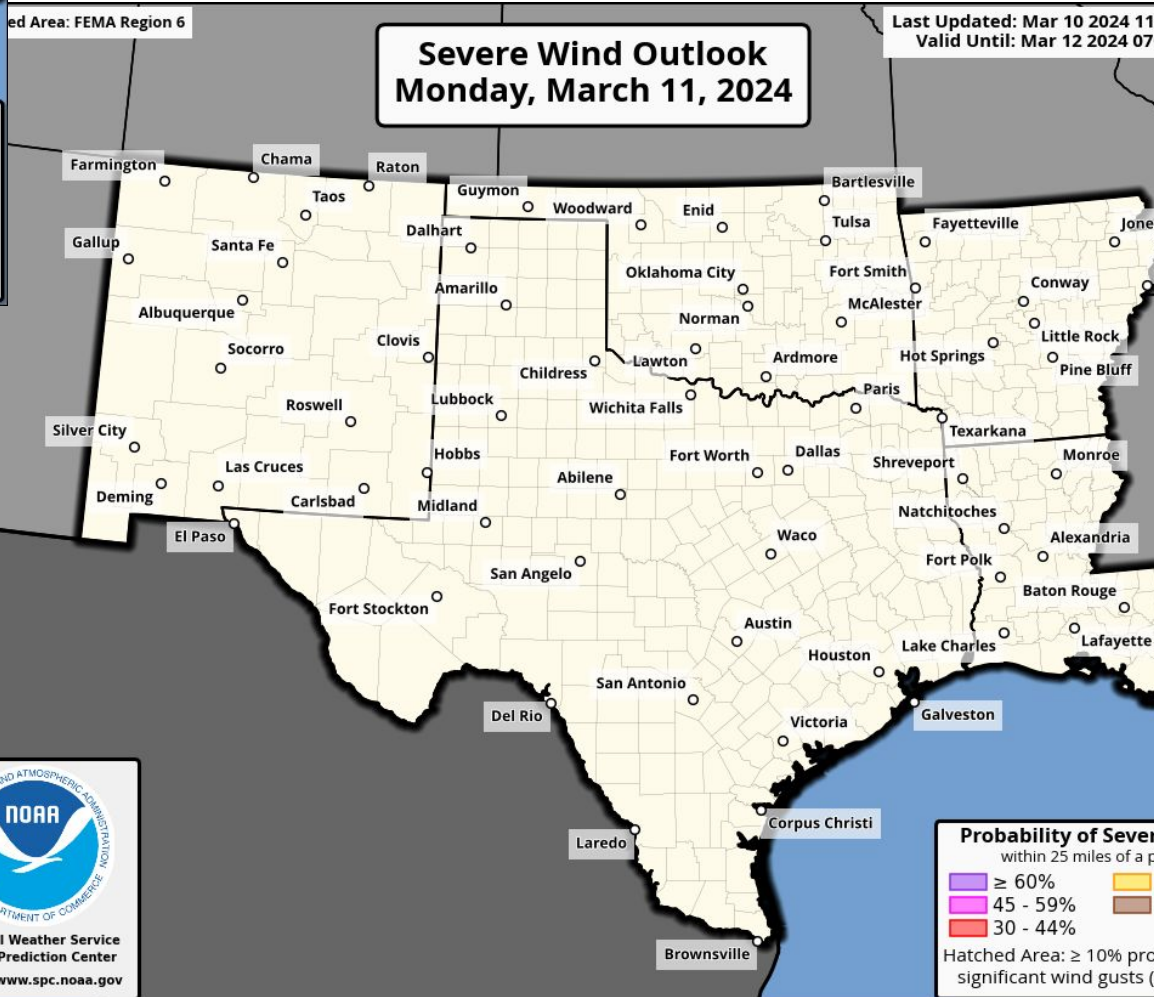
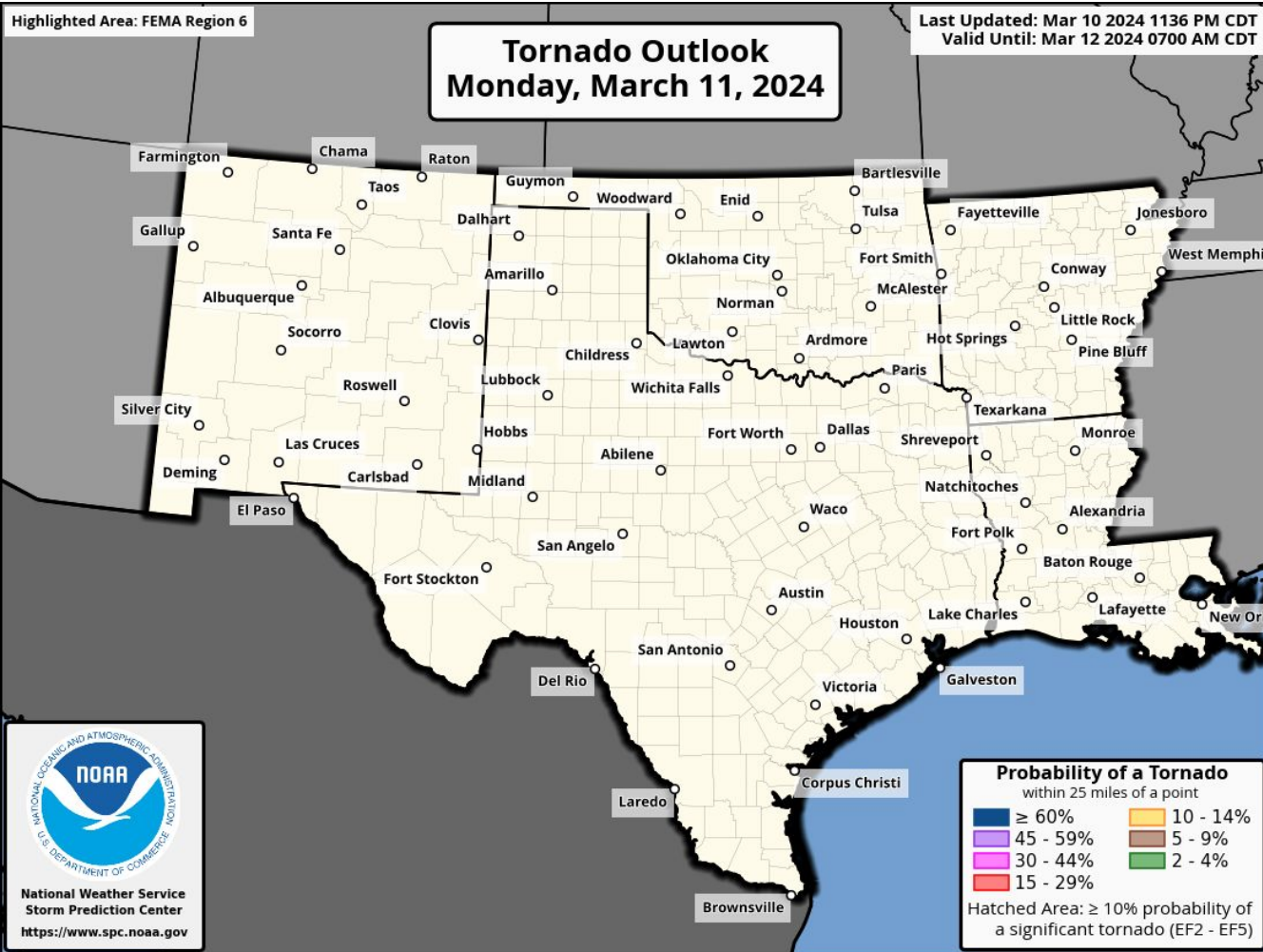
Excessive Rainfall Outlook





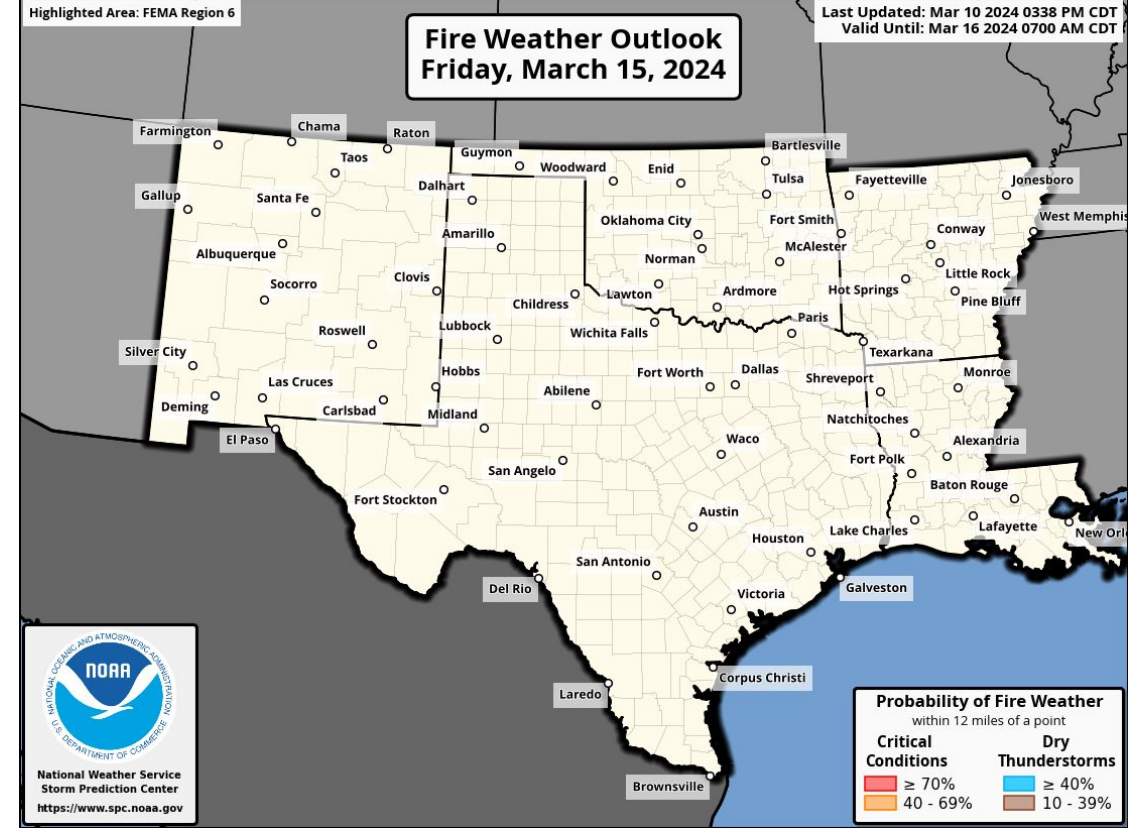
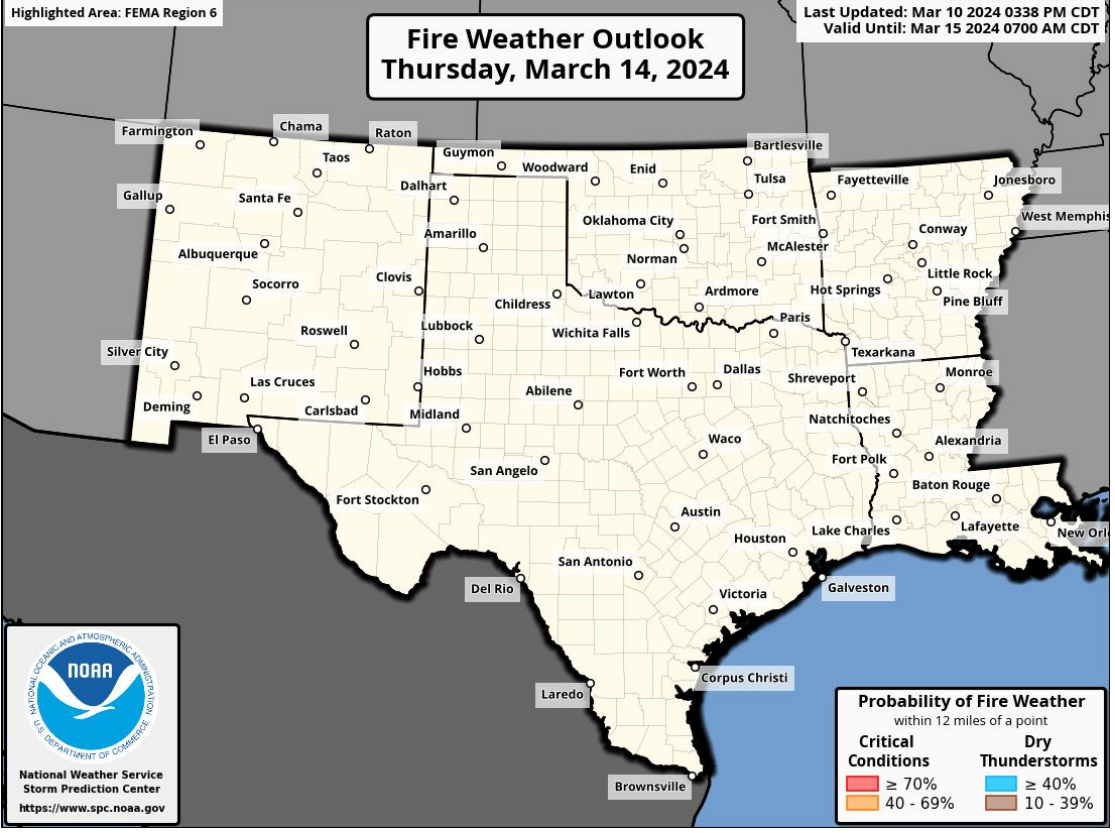
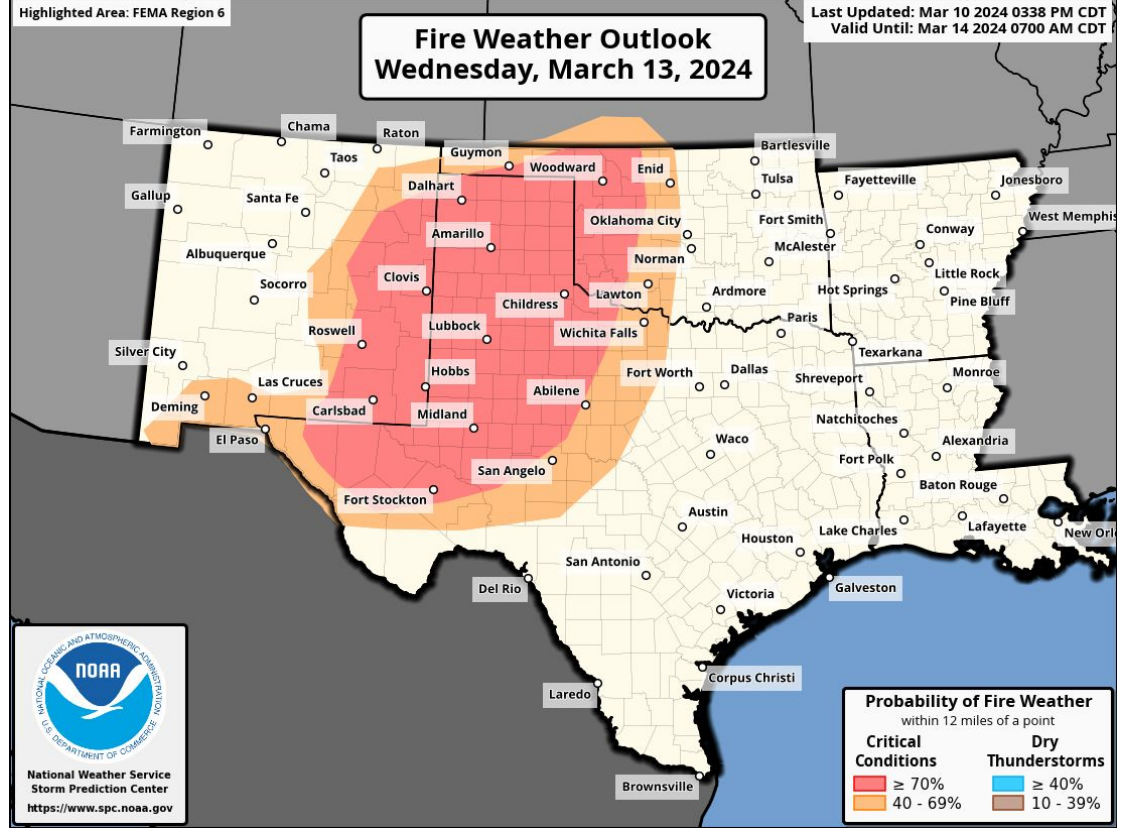
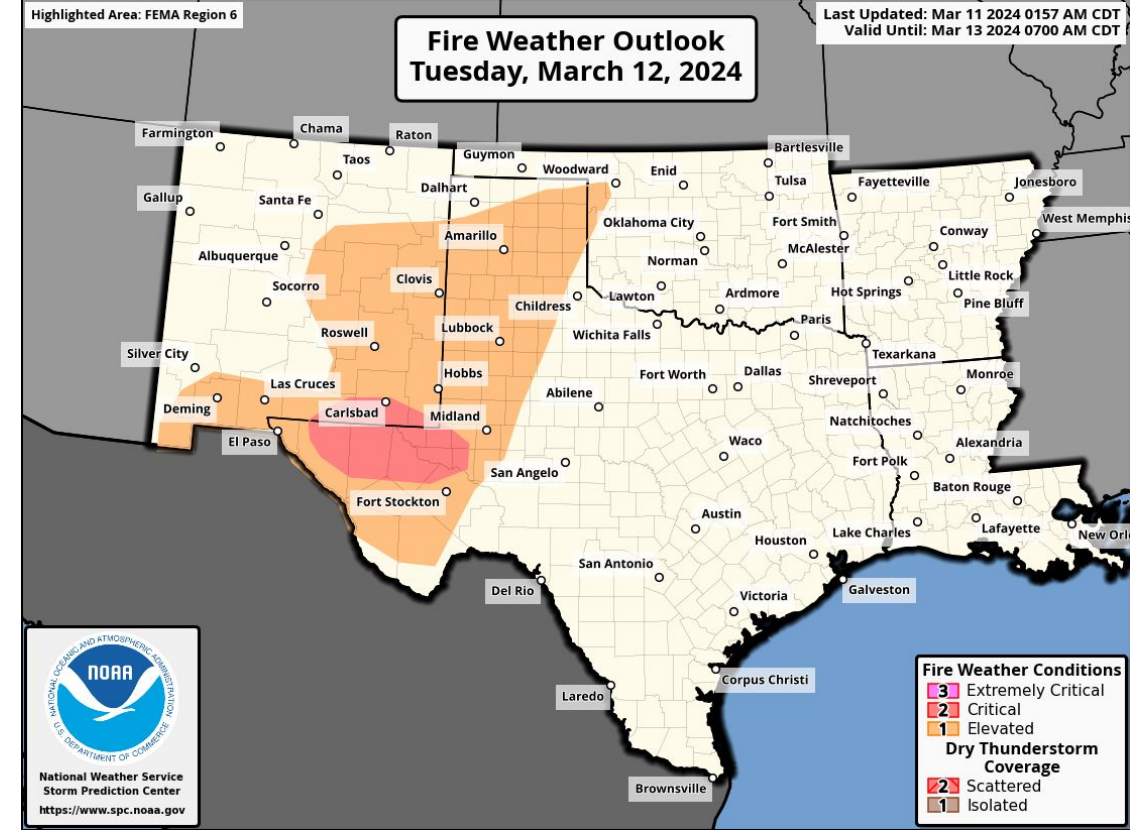
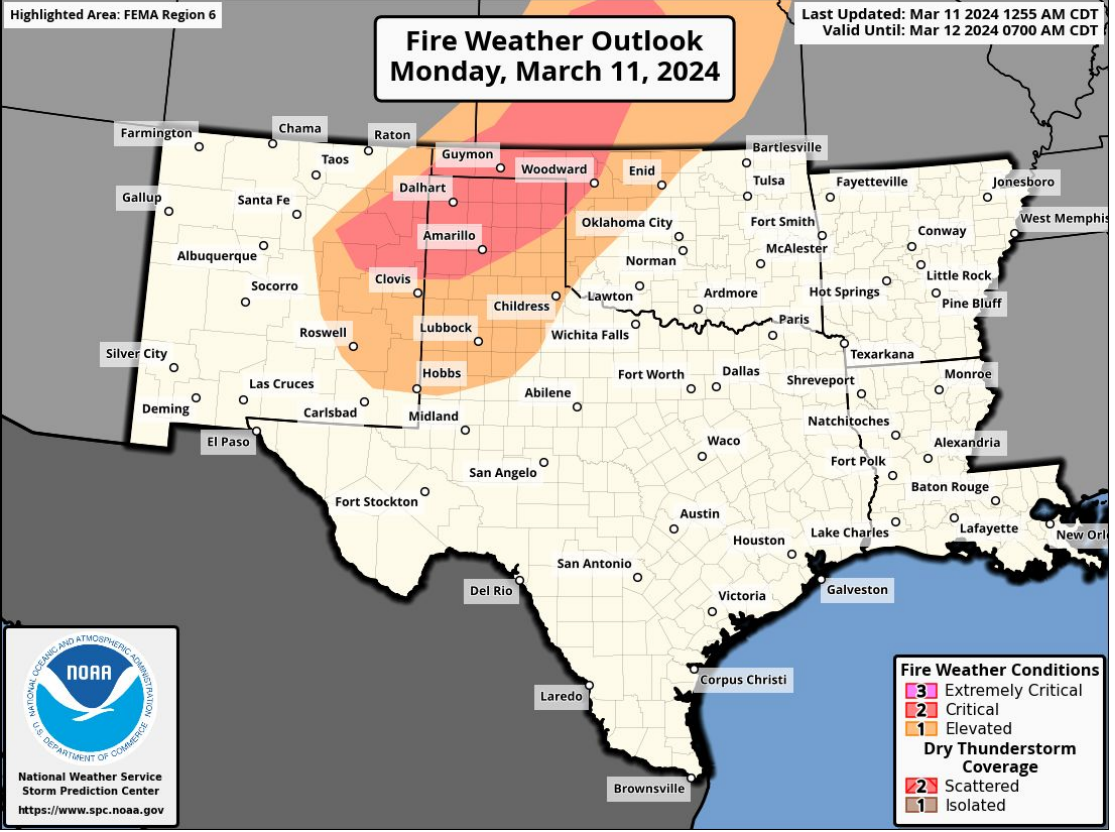
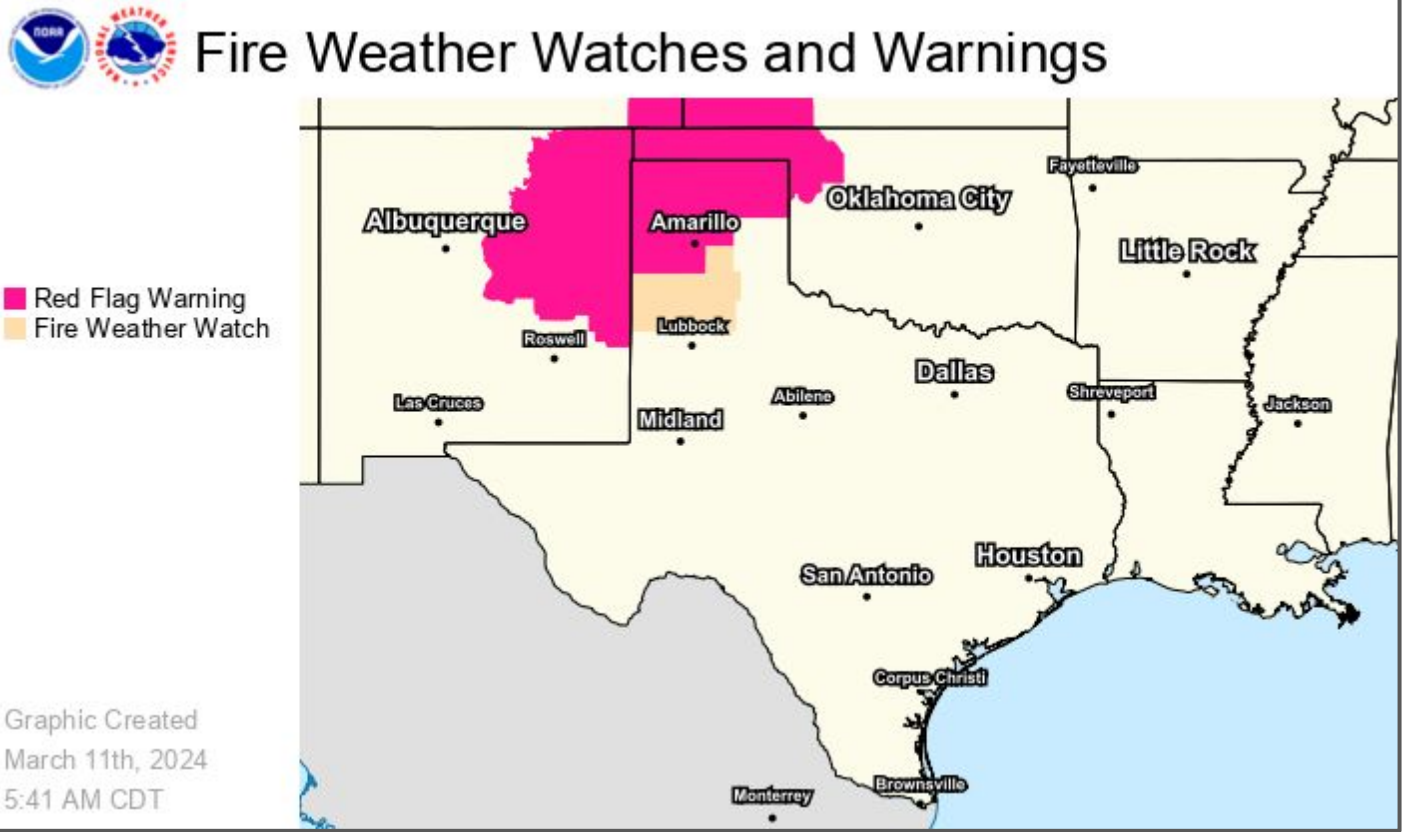
Today's Tornado & Severe Wind / Hail Probabilities

March 10, 2024





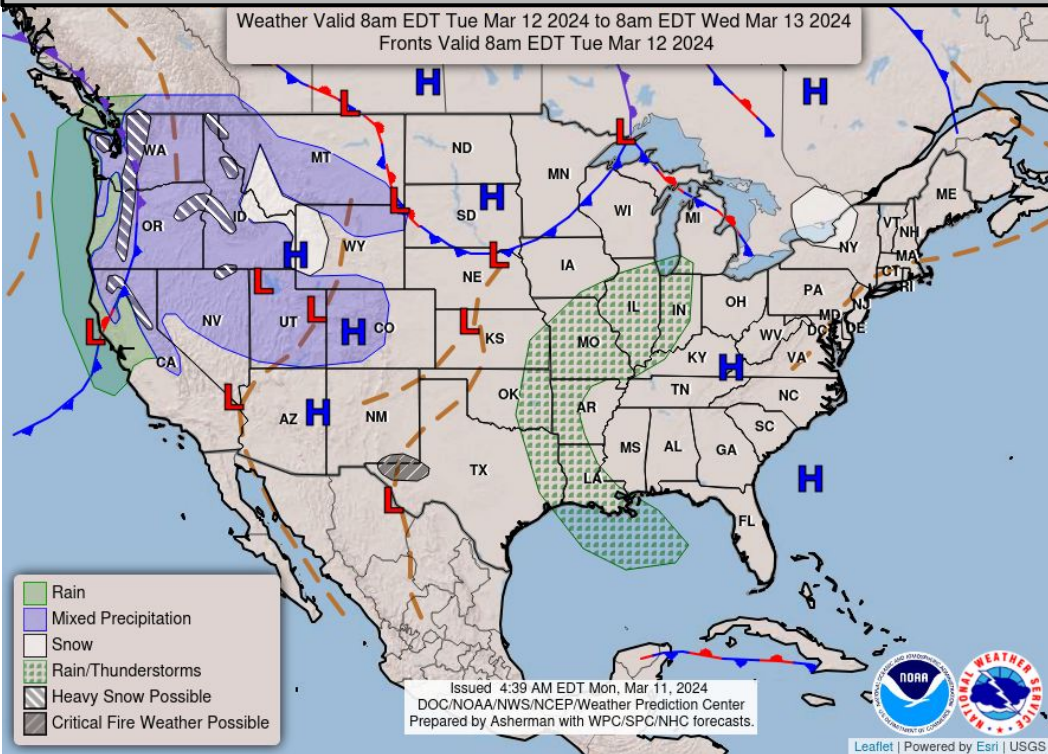
Fire Weather Outlooks



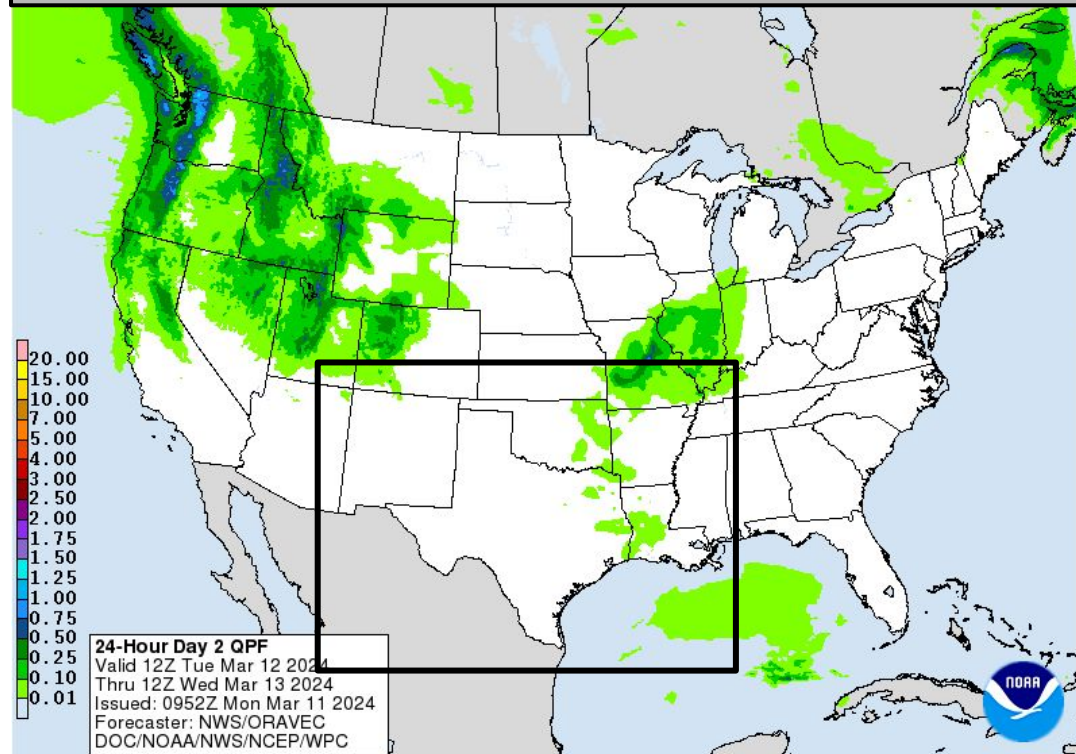


Tomorrow's Weather

Forecast Chart



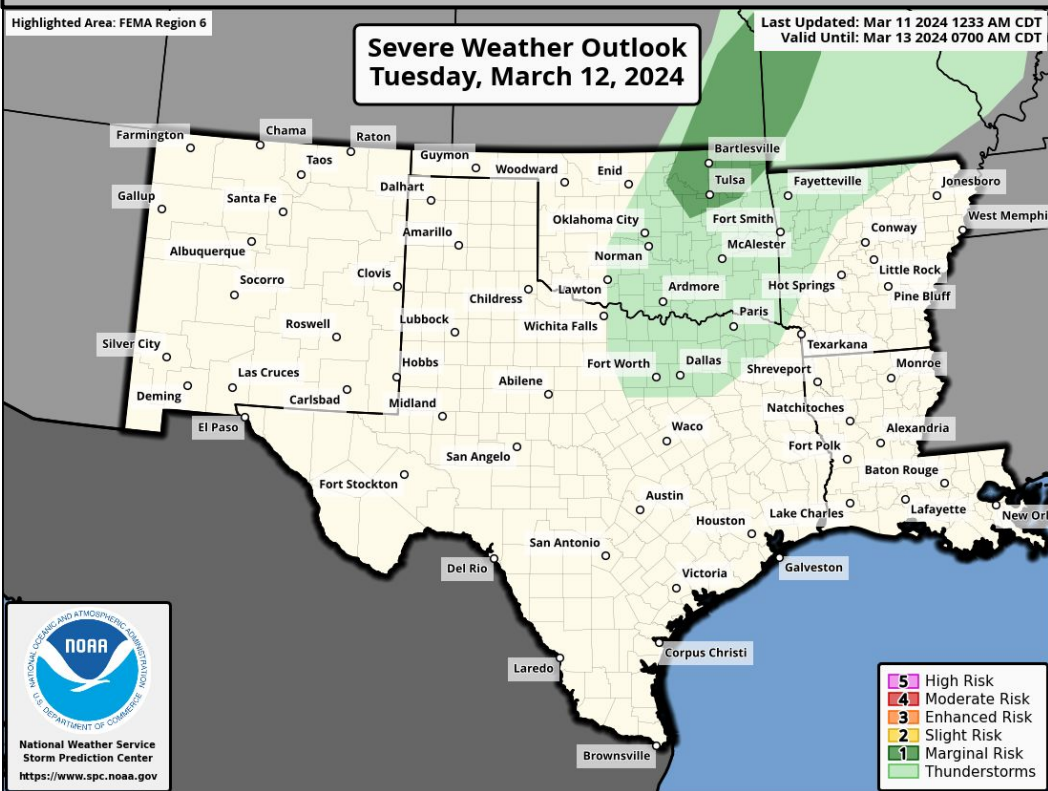
Forecast Rainfall



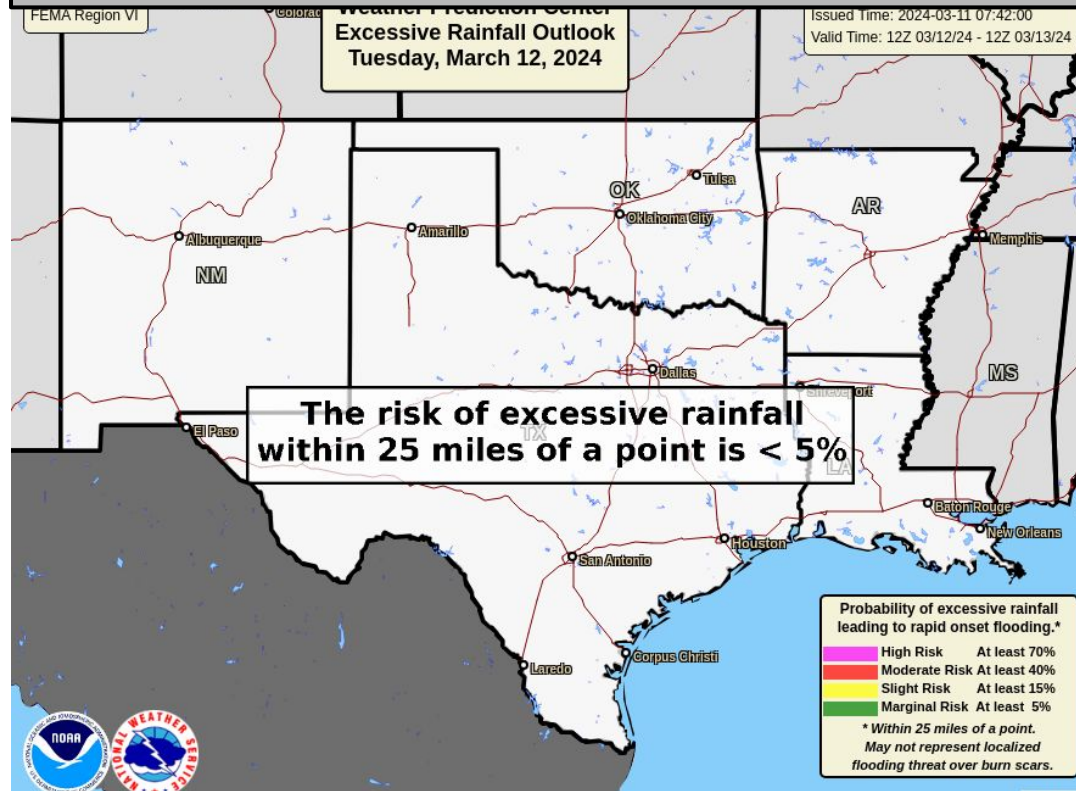
Elevated to critical fire weather conditions over SE NM into W TX.

Marginal risk of severe storms in NE OK.

Severe Weather Outlook

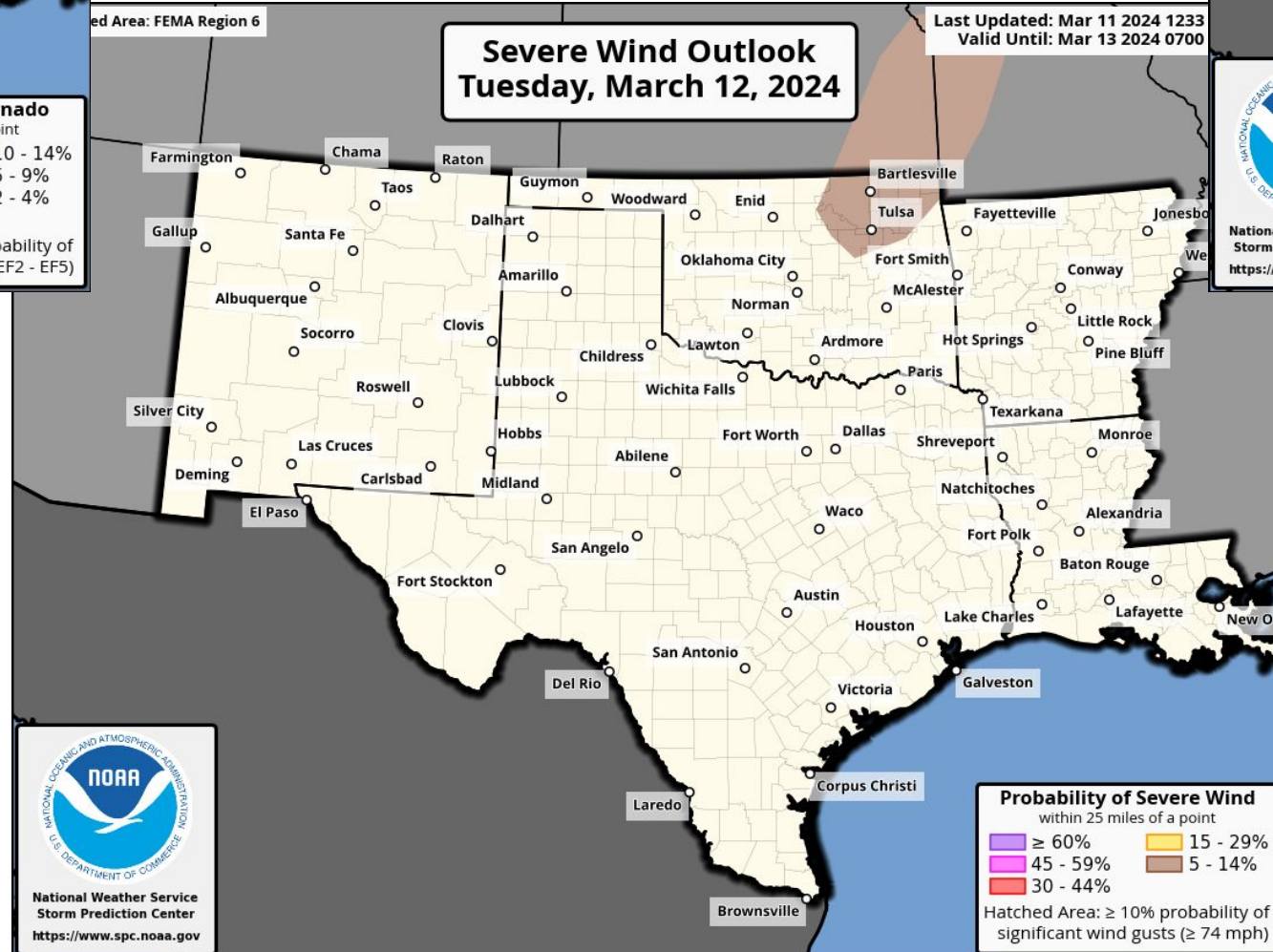
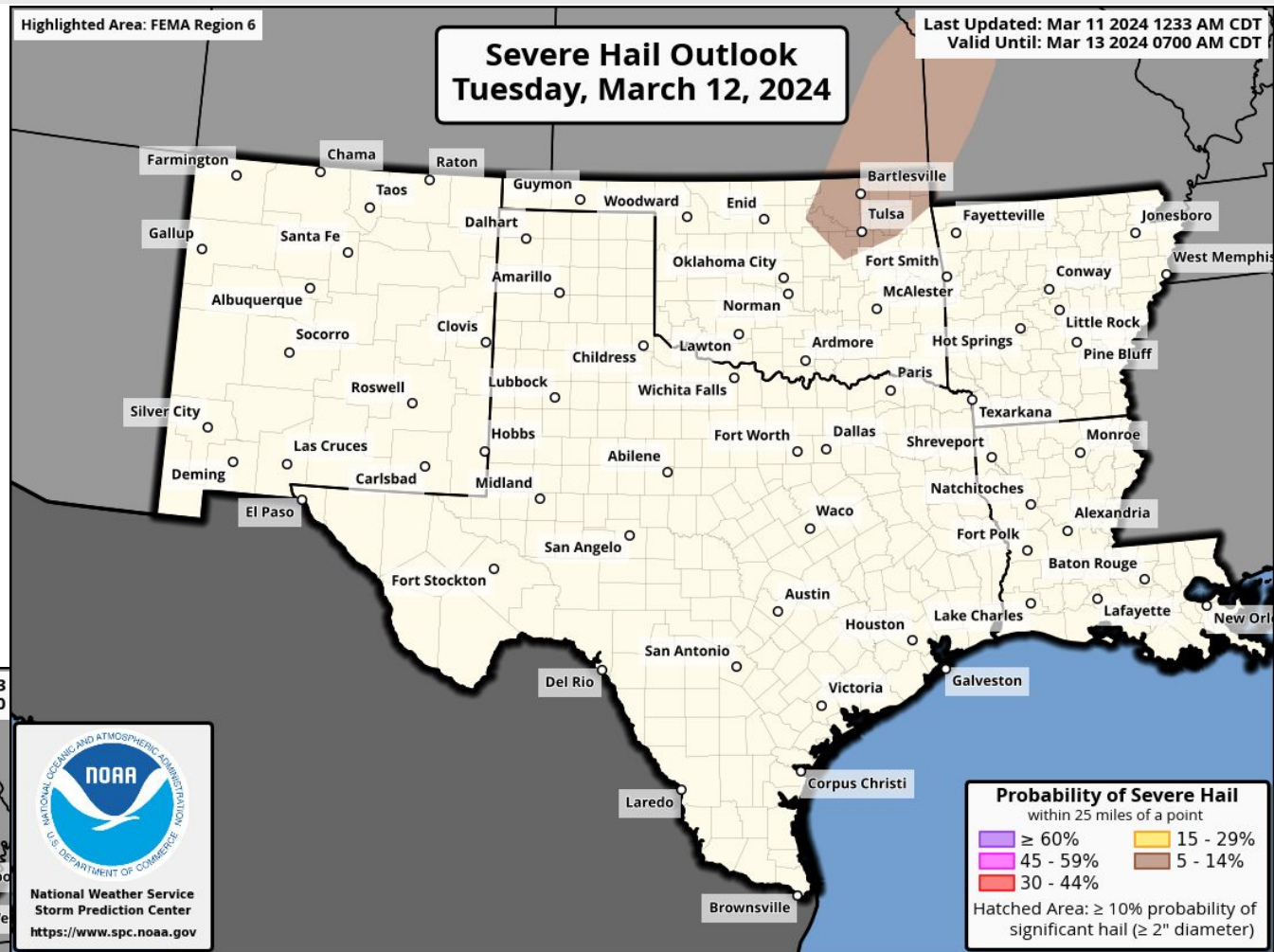
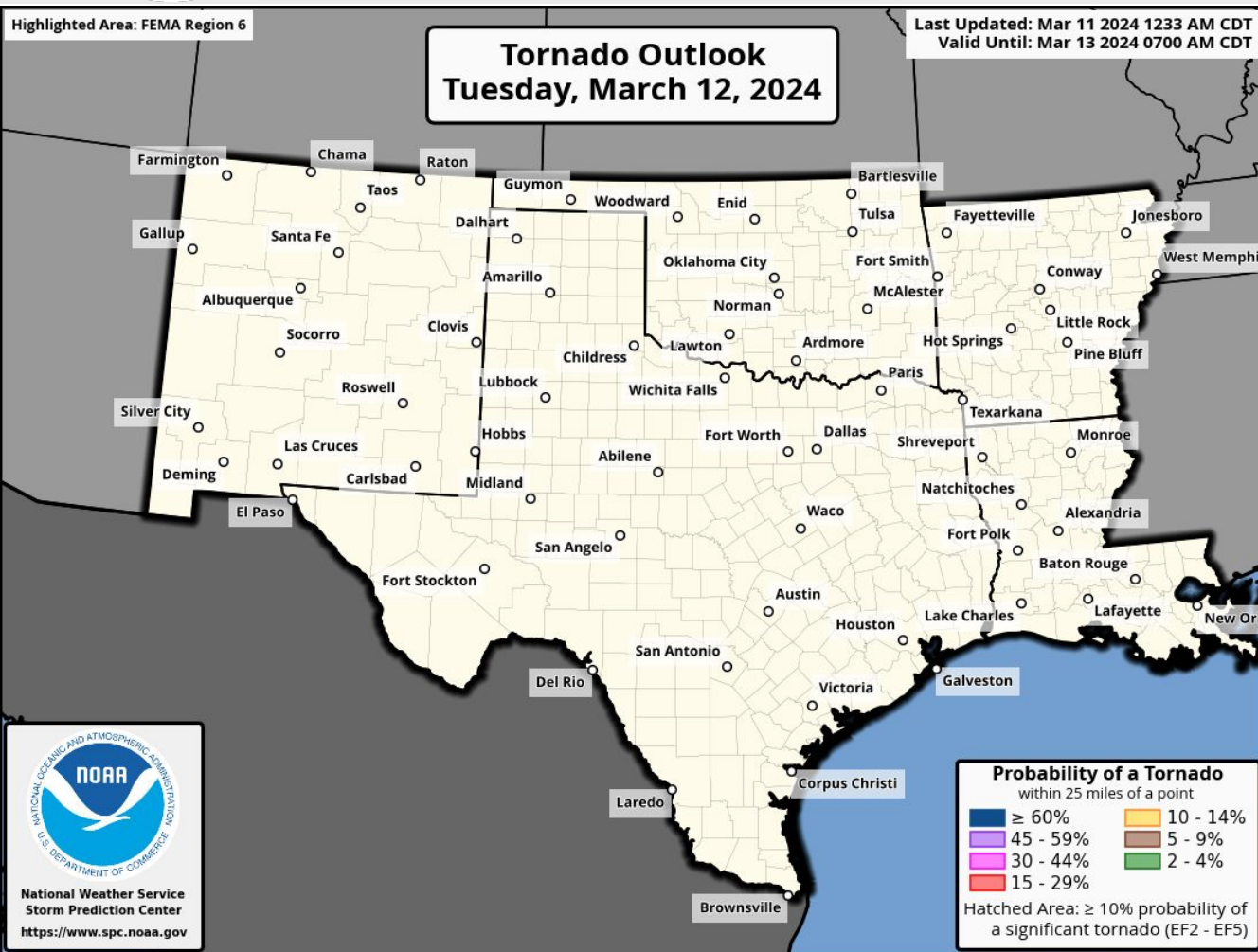


Excessive Rainfall Outlook



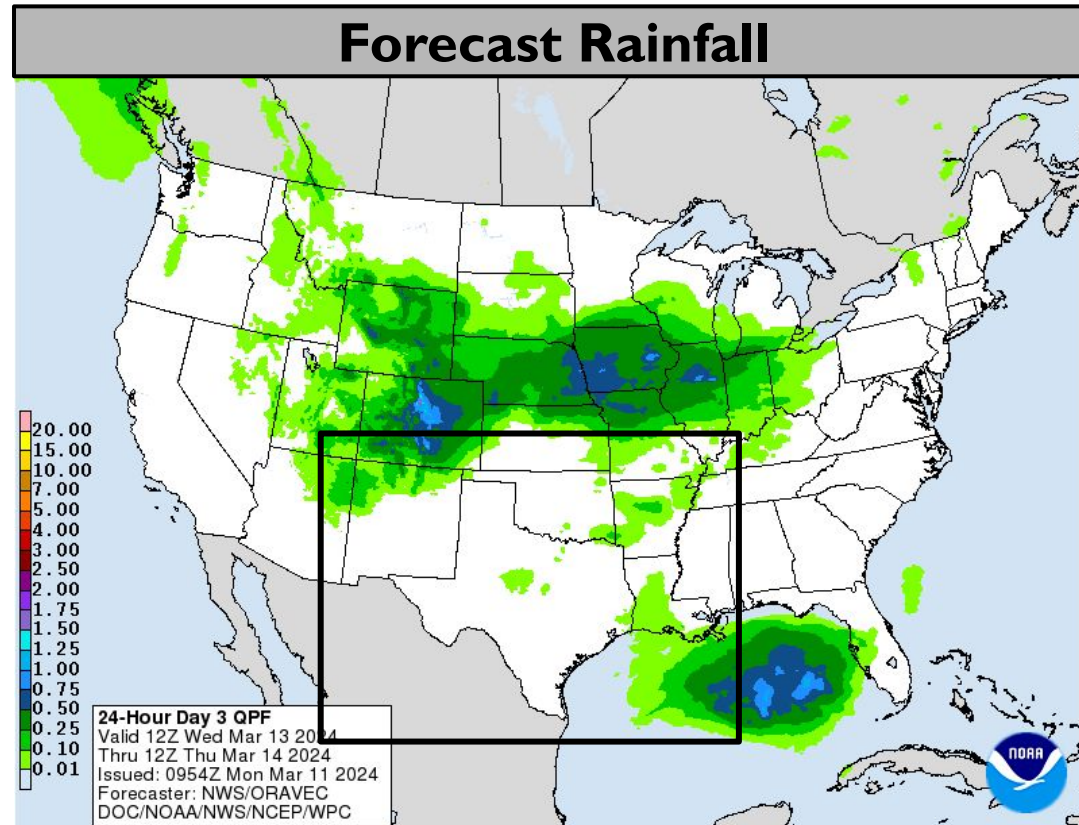
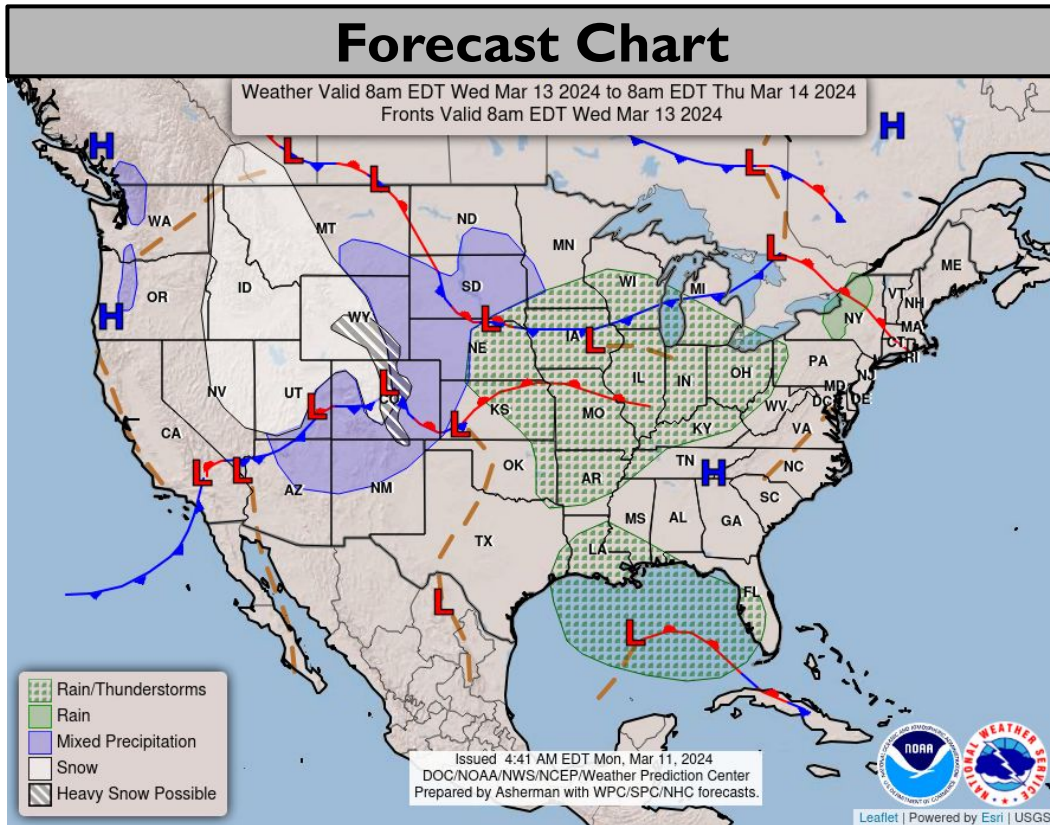


Tomorrow's Tornado & Severe Wind / Hail Probabilities



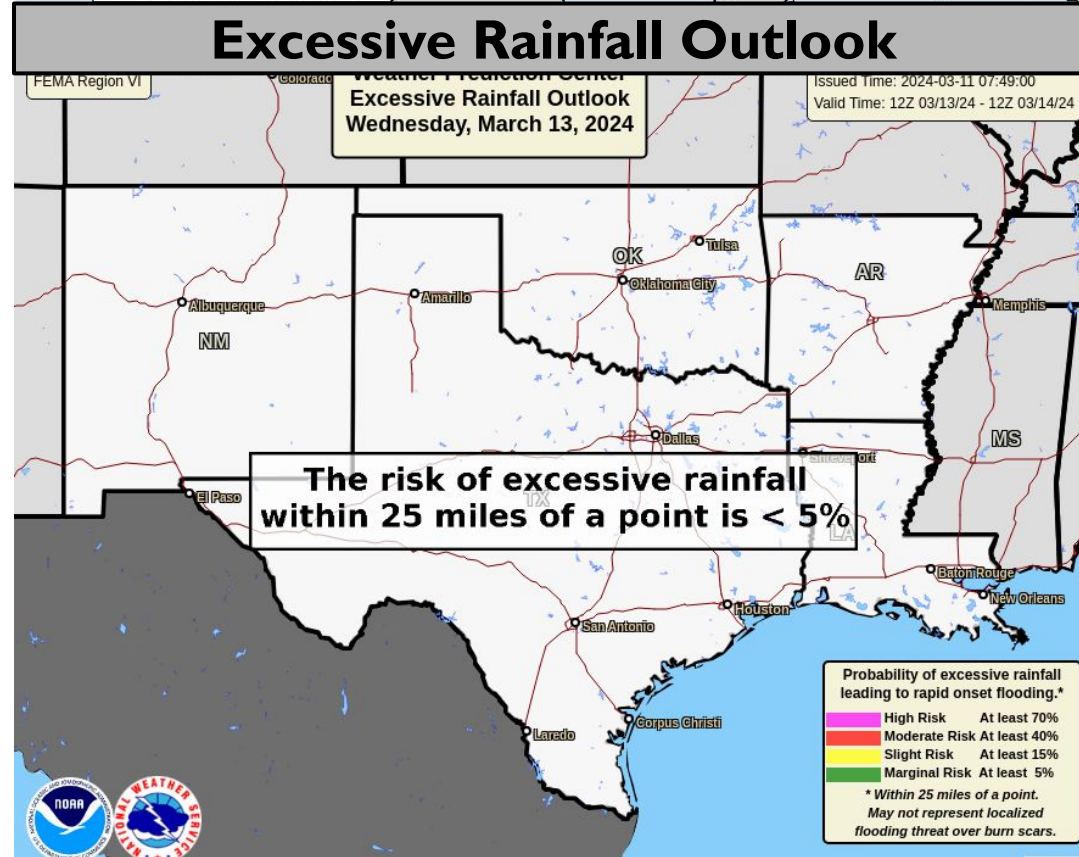
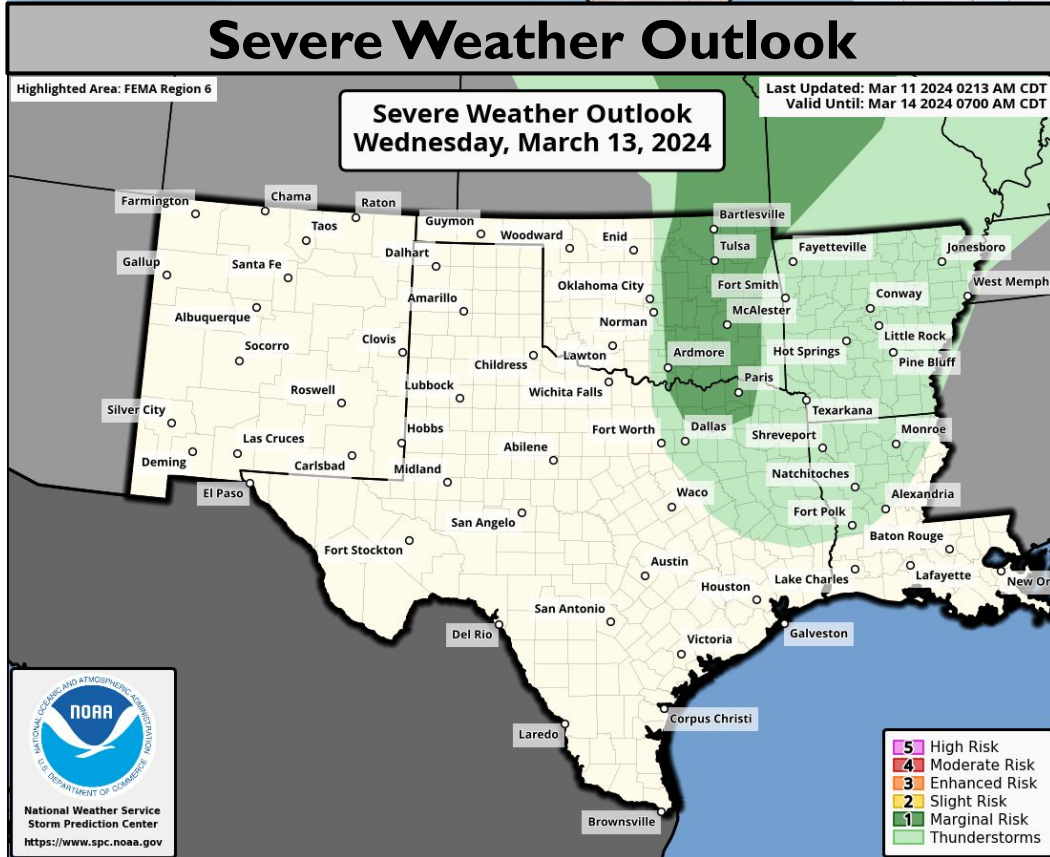


Wednesday's Weather



Elevated to critical fire weather conditions over E NM into W TX.

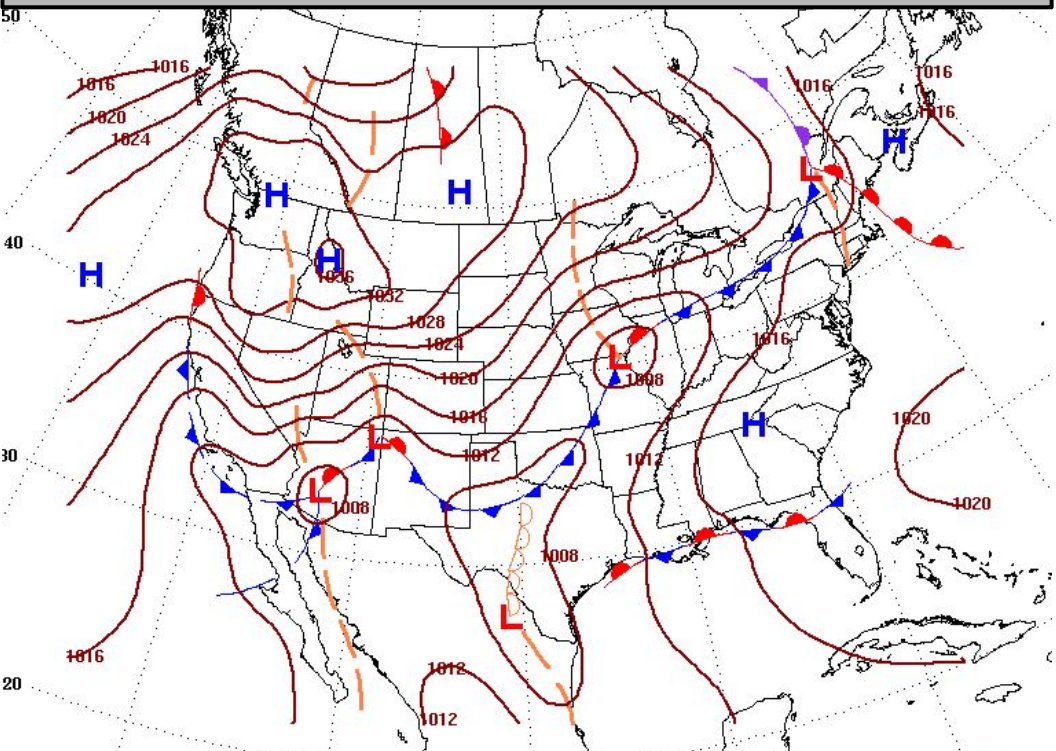
Marginal risk of severe storms in E OK, N TX.



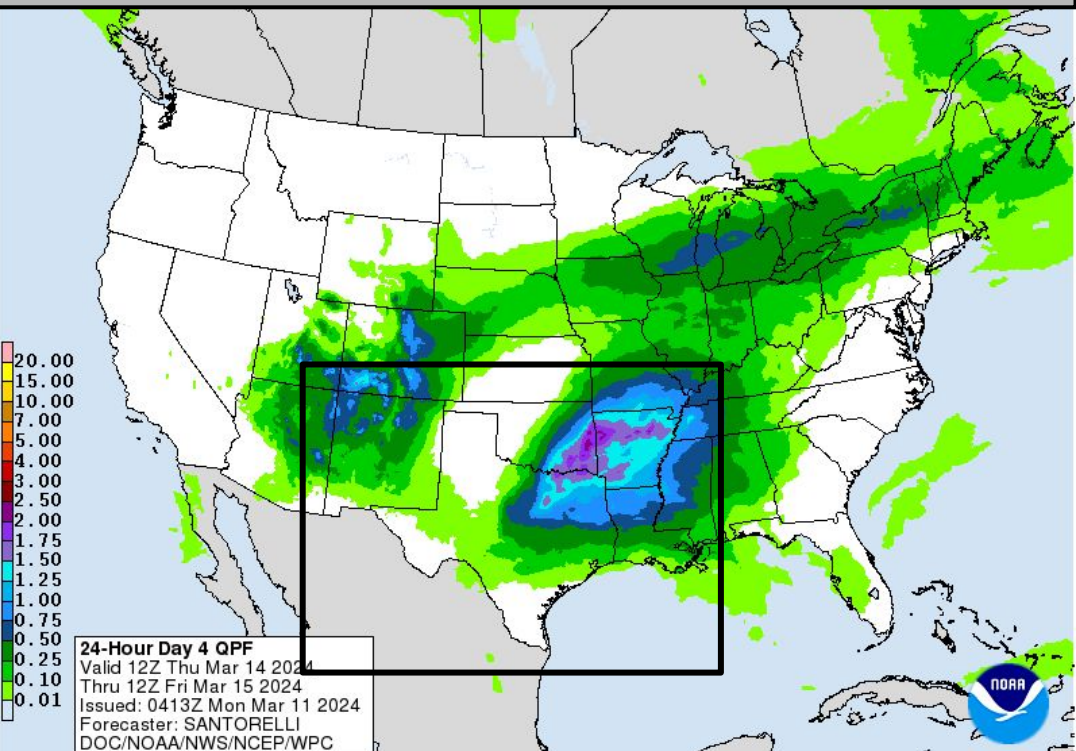


Thursday's Weather

Forecast Chart



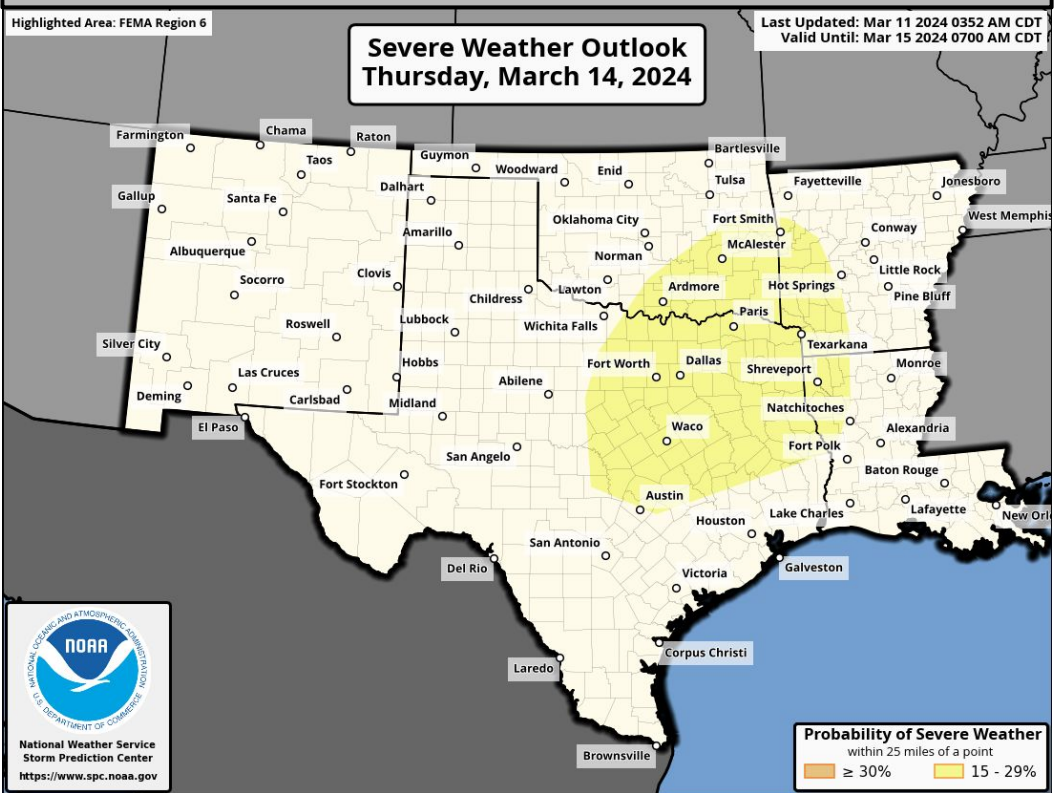
Forecast Rainfall



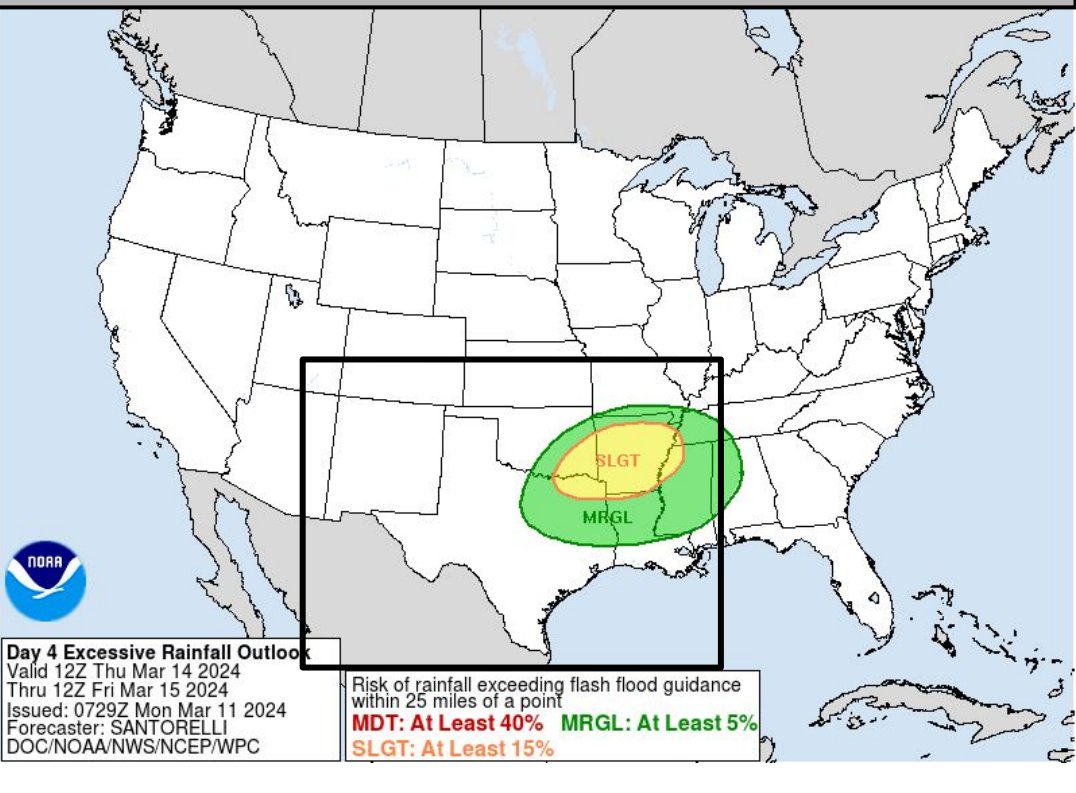
Slight risk of severe thunderstorms across SE OK, N/E TX, SW AR, NW LA.

Slight risk of excessive rainfall leading to flash flooding across SE OK, N/E TX, AR, N LA.

Severe Weather Outlook



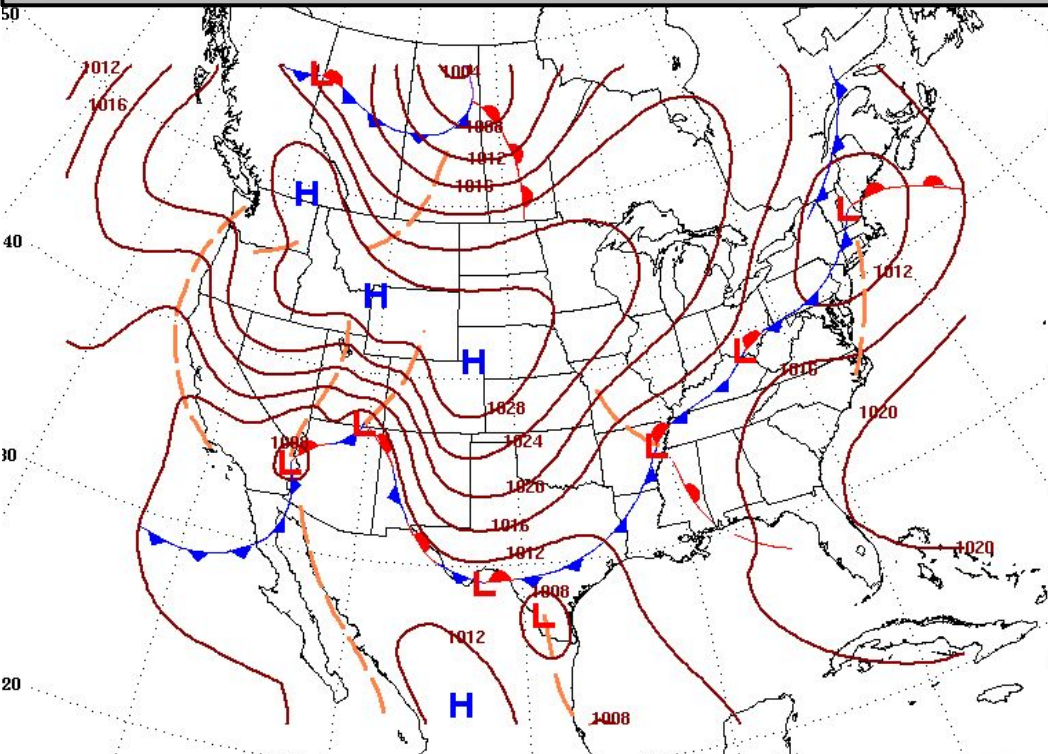
Excessive Rainfall Outlook



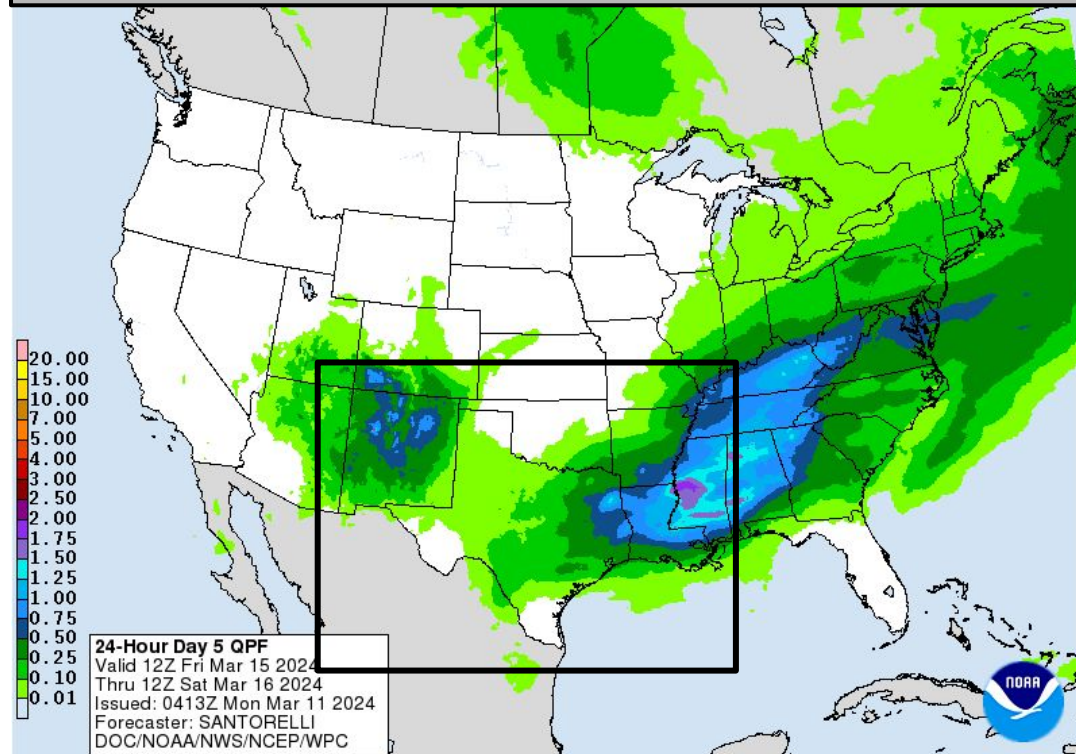


Friday's Weather

Forecast Chart



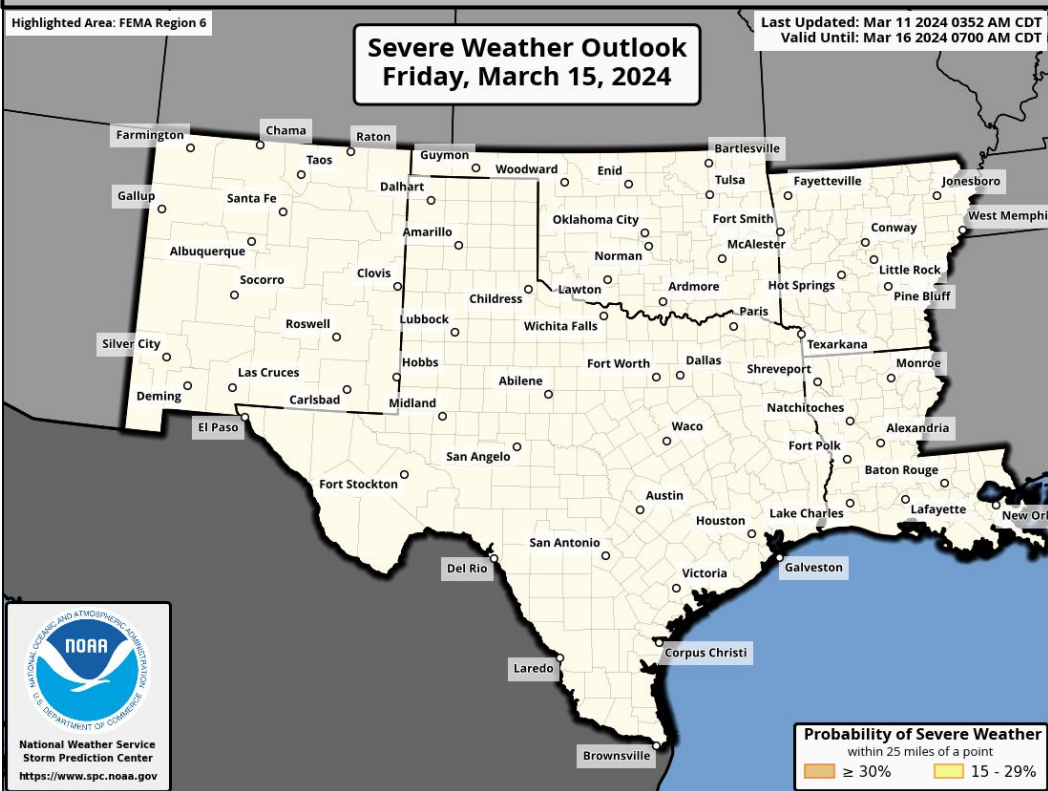
Forecast Rainfall



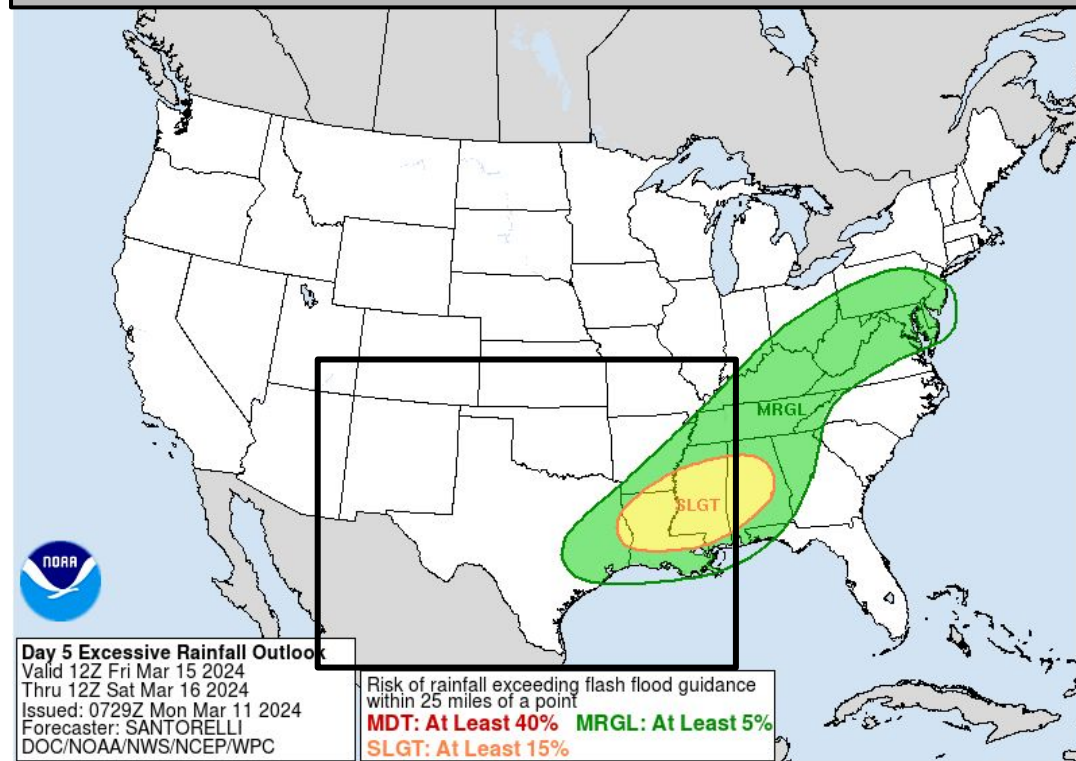
Some strong to severe thunderstorms across SE OK, N/E TX, SW AR, NW LA.

Heavy rainfall may lead to isolated flash flooding across E TX, SE AR, LA.

Severe Weather Outlook



Excessive Rainfall Outlook

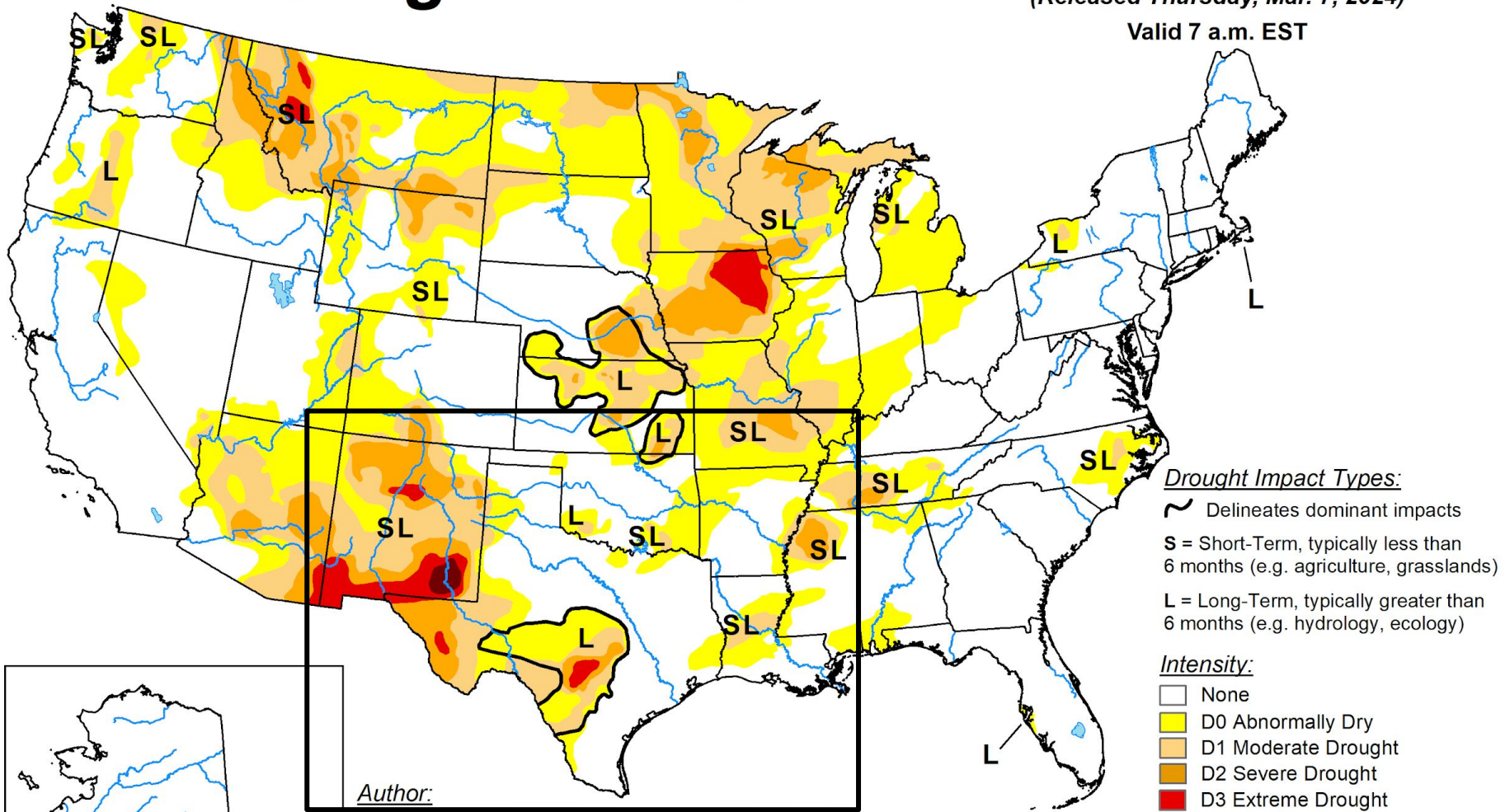




Drought Monitor

U.S. Drought Monitor

March 5, 2024
(Released Thursday, Mar. 7, 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)

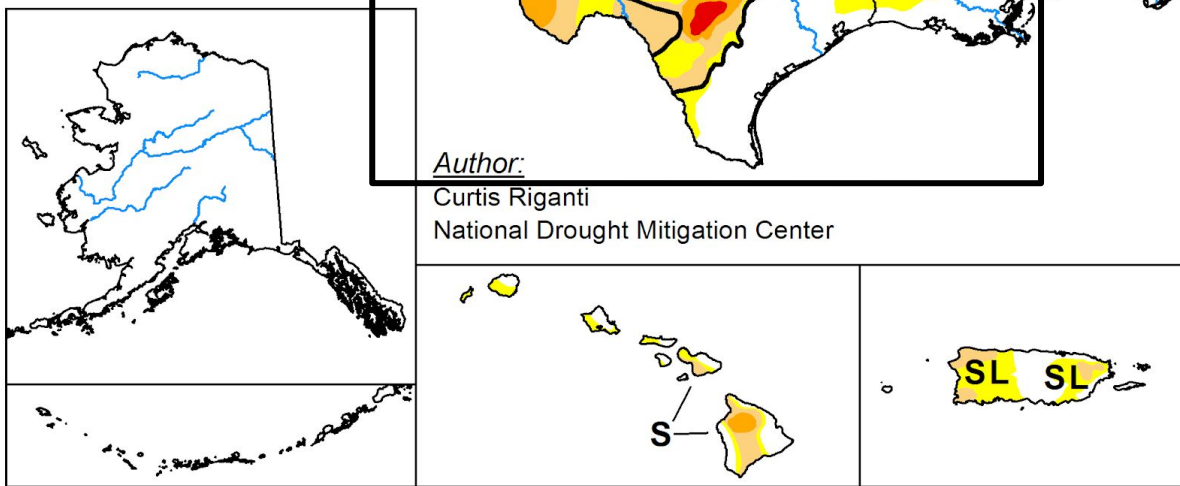
Intensity:
None
D0 Abnormally Dry
D1 Moderate Drought
D2 Severe Drought
D3 Extreme Drought
D4 Exceptional Drought

Author:
Curtis Riganti
National Drought Mitigation Center

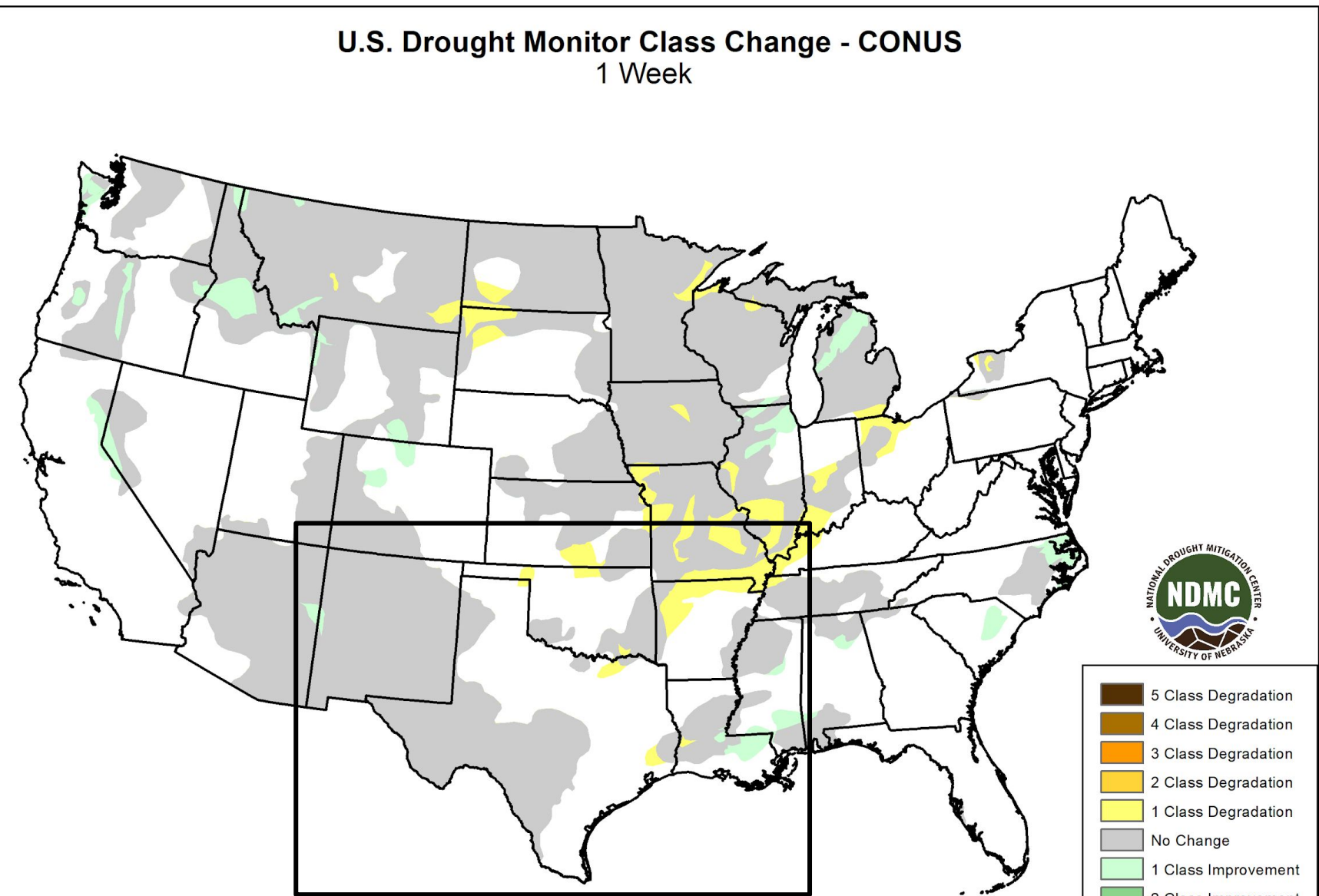
The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>



droughtmonitor.unl.edu



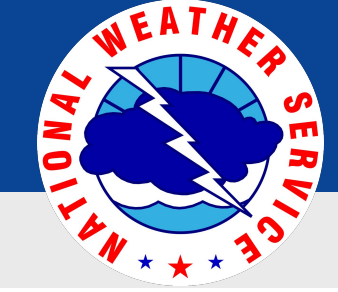
U.S. Drought Monitor Class Change - CONUS 1 Week



March 5, 2024
compared to
February 27, 2024

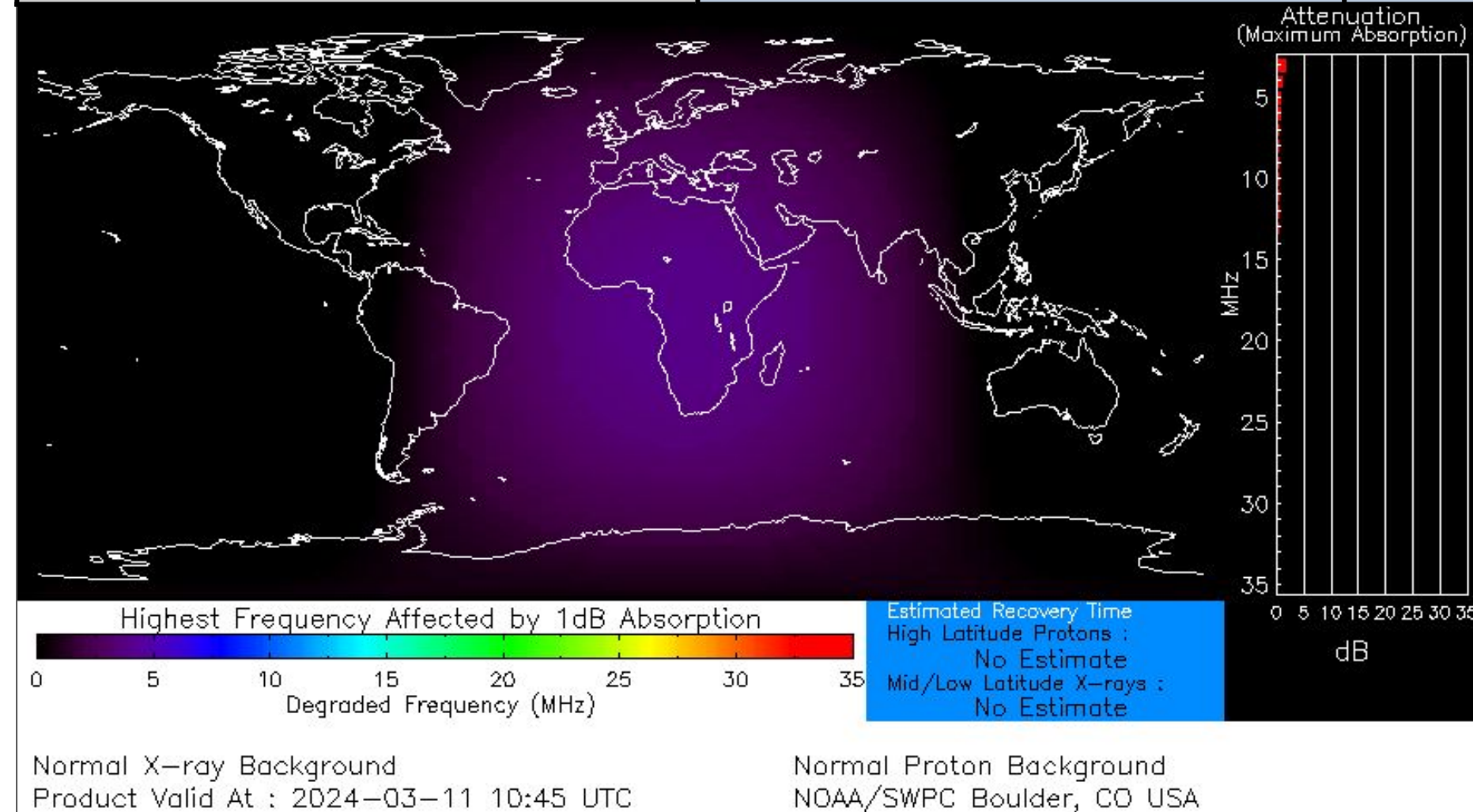
droughtmonitor.unl.edu





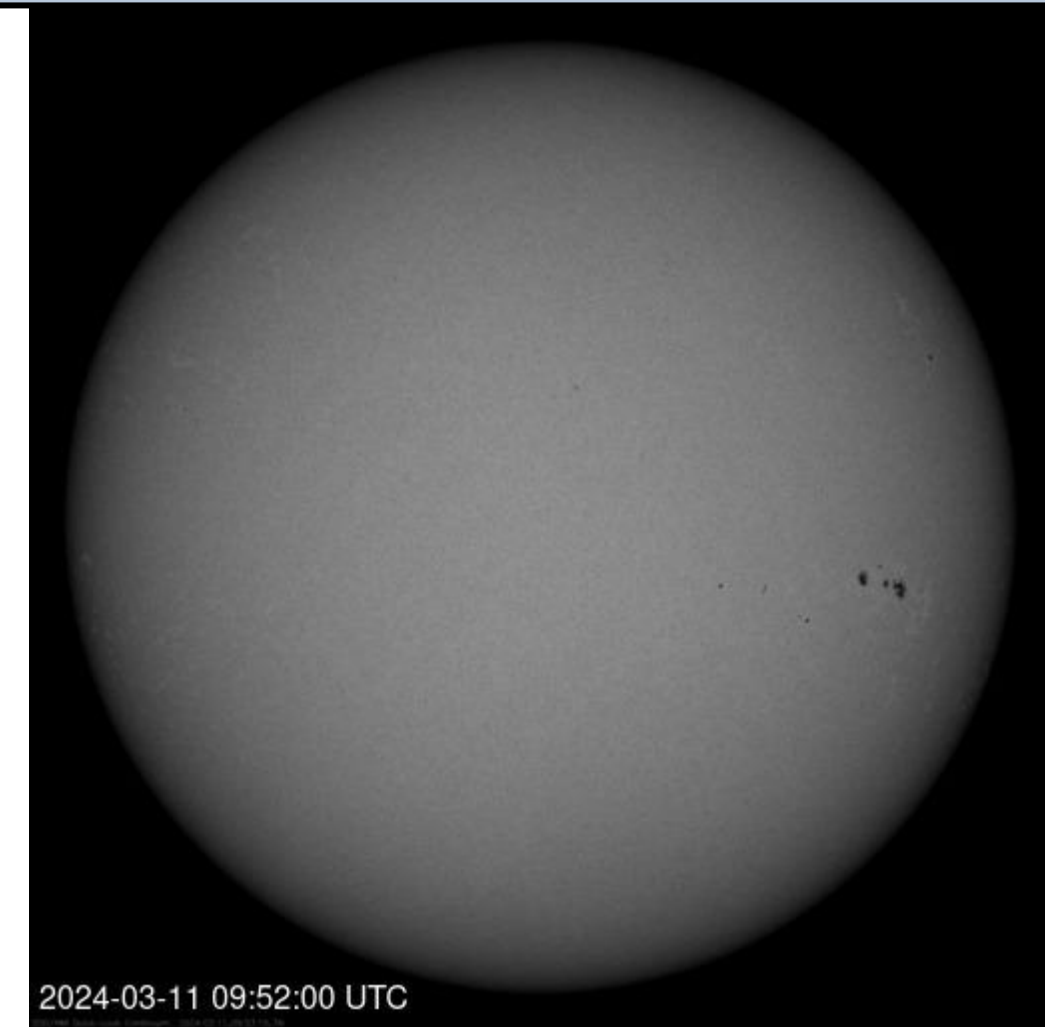
Space Weather 3-Day Forecast

	Monday, Mar 11	Tuesday, Mar 12	Wednesday, Mar 13
Geomagnetic Storms	Unsettled (Max Kp = 3)	Unsettled (Max Kp = 3)	Unsettled (Max Kp = 3)
Solar Radiation Storm (S1-S5)	5%	5%	5%
Radio Blackout (R1-R2)	25%	25%	25%
Radio Blackout (R3-R5)	5%	5%	5%



[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

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Regional Operations Center

Fort Worth, TX



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Web: www.weather.gov/srh

