



FEMA



Prepared by
Brian Hoeth

FEMA Region 6 Weather Threat Briefing

Monday, March 25, 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/Enhanced - S AR, LA, E TX (+ slight risk heavy rain AR, NE LA)**

- **Fire Weather:**
 - **Today: Critical - SW TX**
 - **Wed & Fri: Elevated - E/S NM, W TX (+ TX/OK Panhandles Fri)**

- **Snow plus windy conditions in N NM into TX/OK Panhandles today.**

- **Minor river flooding in E TX, LA.**





FEMA Region 6 Threat Matrix

Next 5 Days

	Monday, Mar 25	Tuesday, Mar 26	Wednesday, Mar 27	Thursday, Mar 28	Friday, Mar 29
Severe Storms	SE AR, NE LA				
	ETX, SAR, LA				
Heavy Rain / Flash Flooding	AR, NE LA				
Fire Weather	SW TX		SE NM, WTX		S/E NM, WTX, TX/OK Panhandles
Cold					
Winter Weather	N NM, TX/OK Panhandles				
River Flooding	ETX, LA	ETX, LA	ETX, LA	ETX, LA	ETX, LA

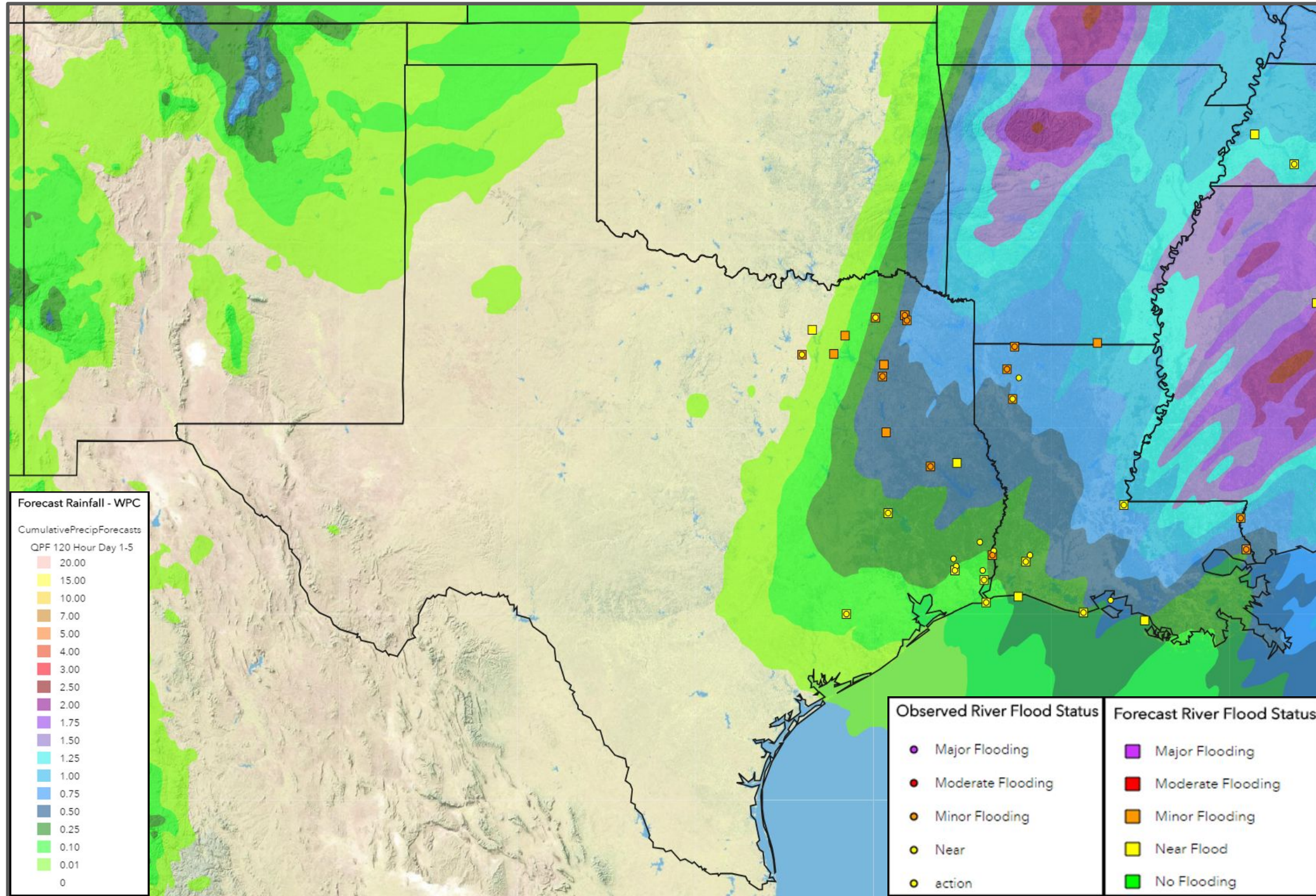
	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

**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



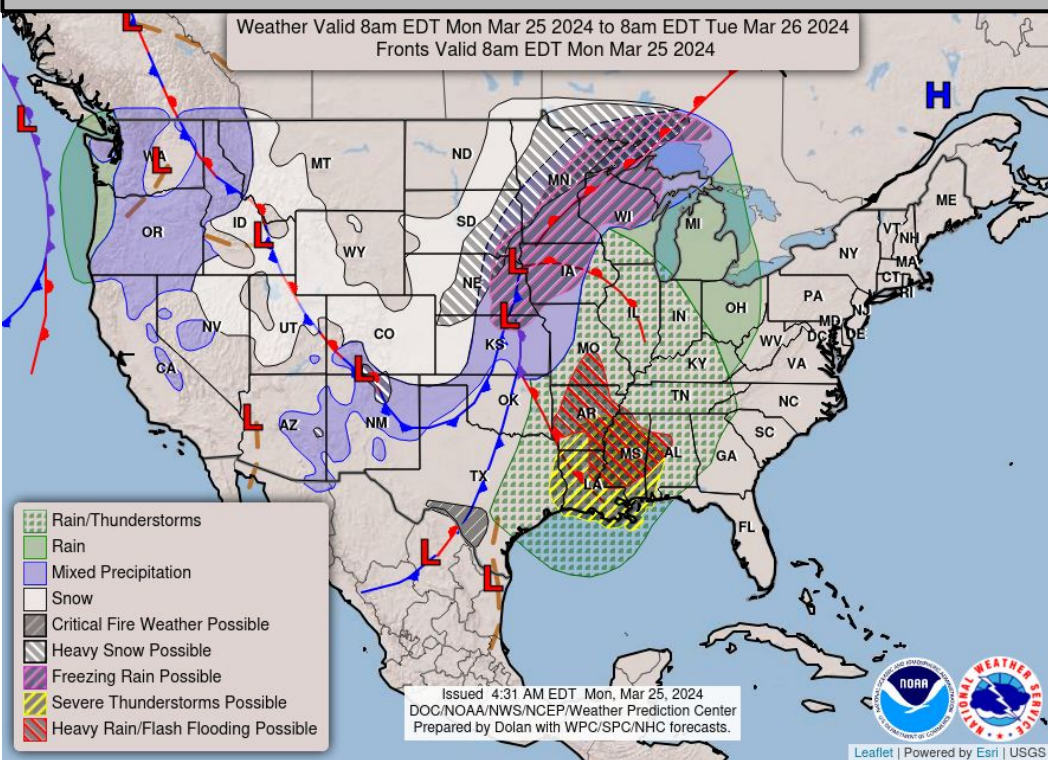
**Minor river flooding in E TX, LA.
 Flooding of lowlands, agricultural lands, and secondary roads.
 Approximately 20 homes threatened near the gauge along the Pearl River in SE LA.**

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

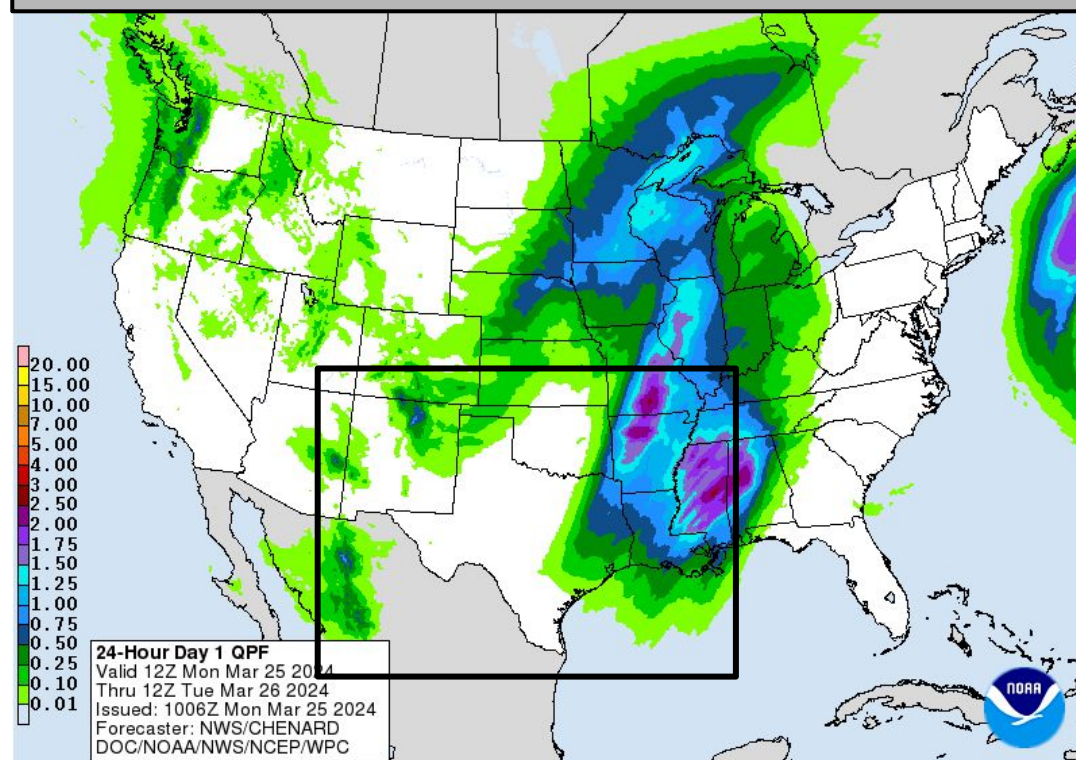


Today's Weather

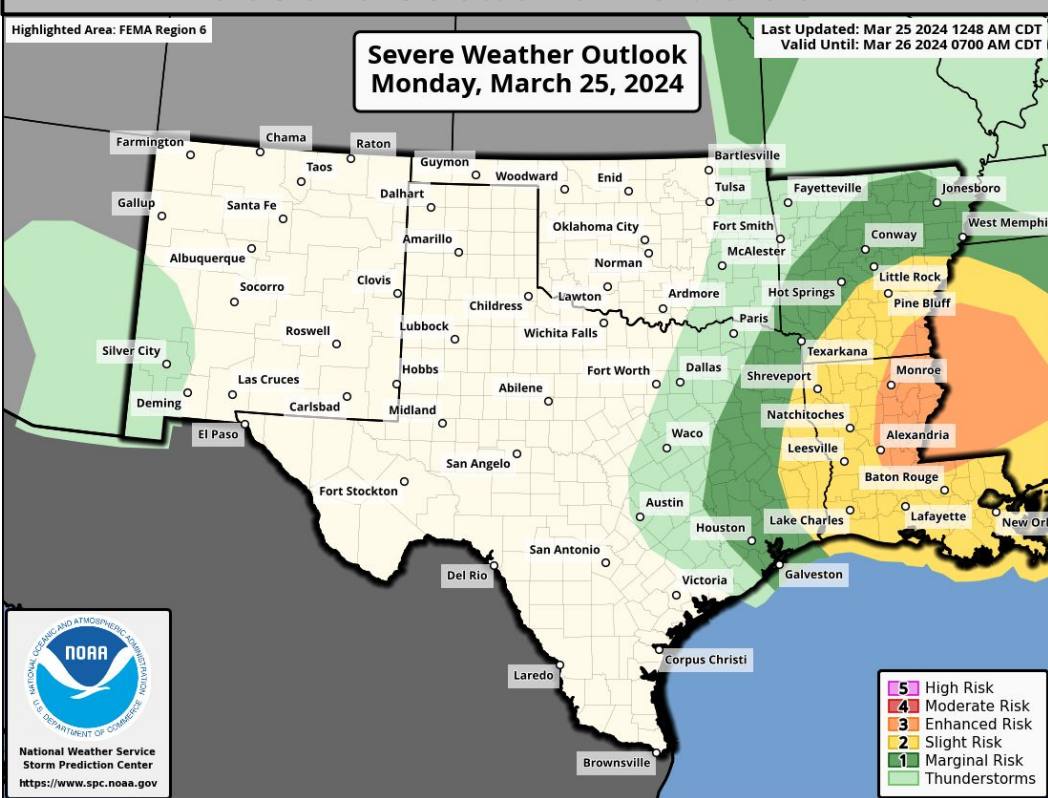
Forecast Chart



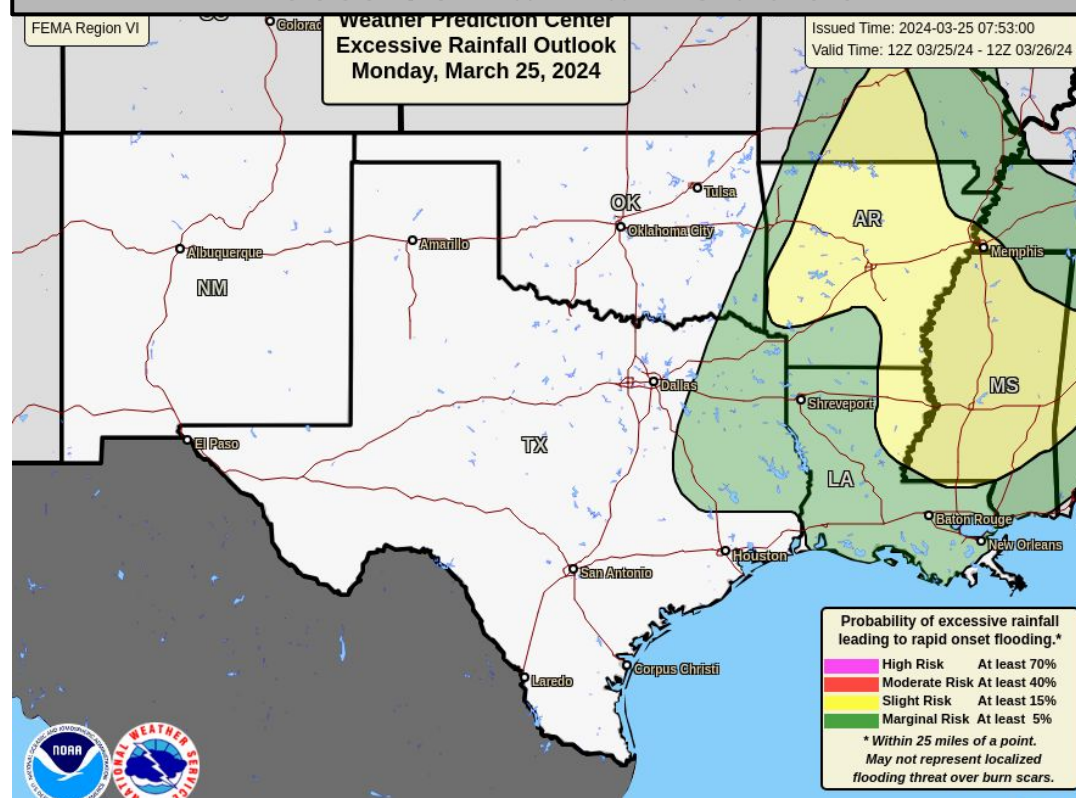
Forecast Rainfall



Severe Weather Outlook



Excessive Rainfall Outlook



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

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

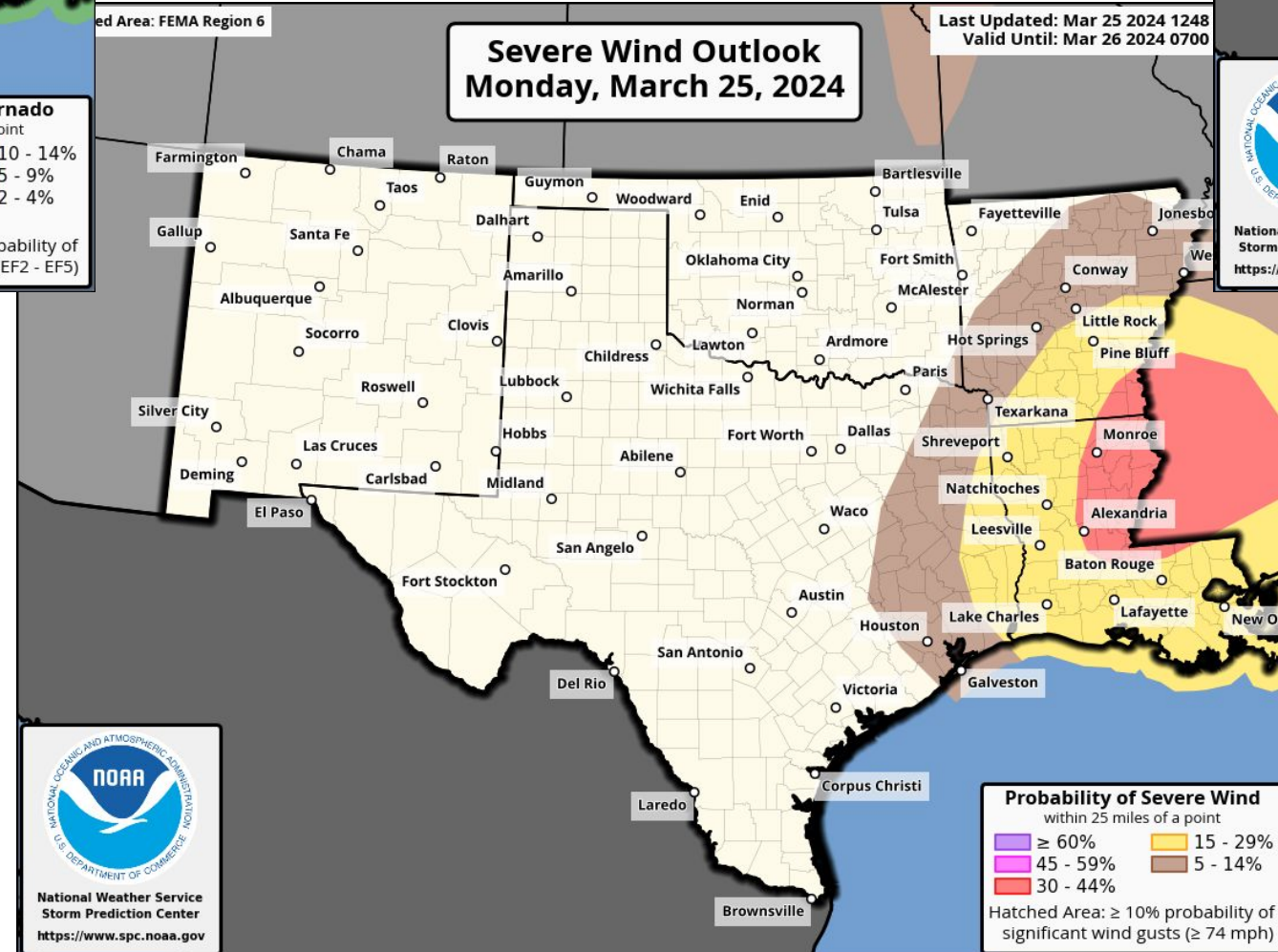
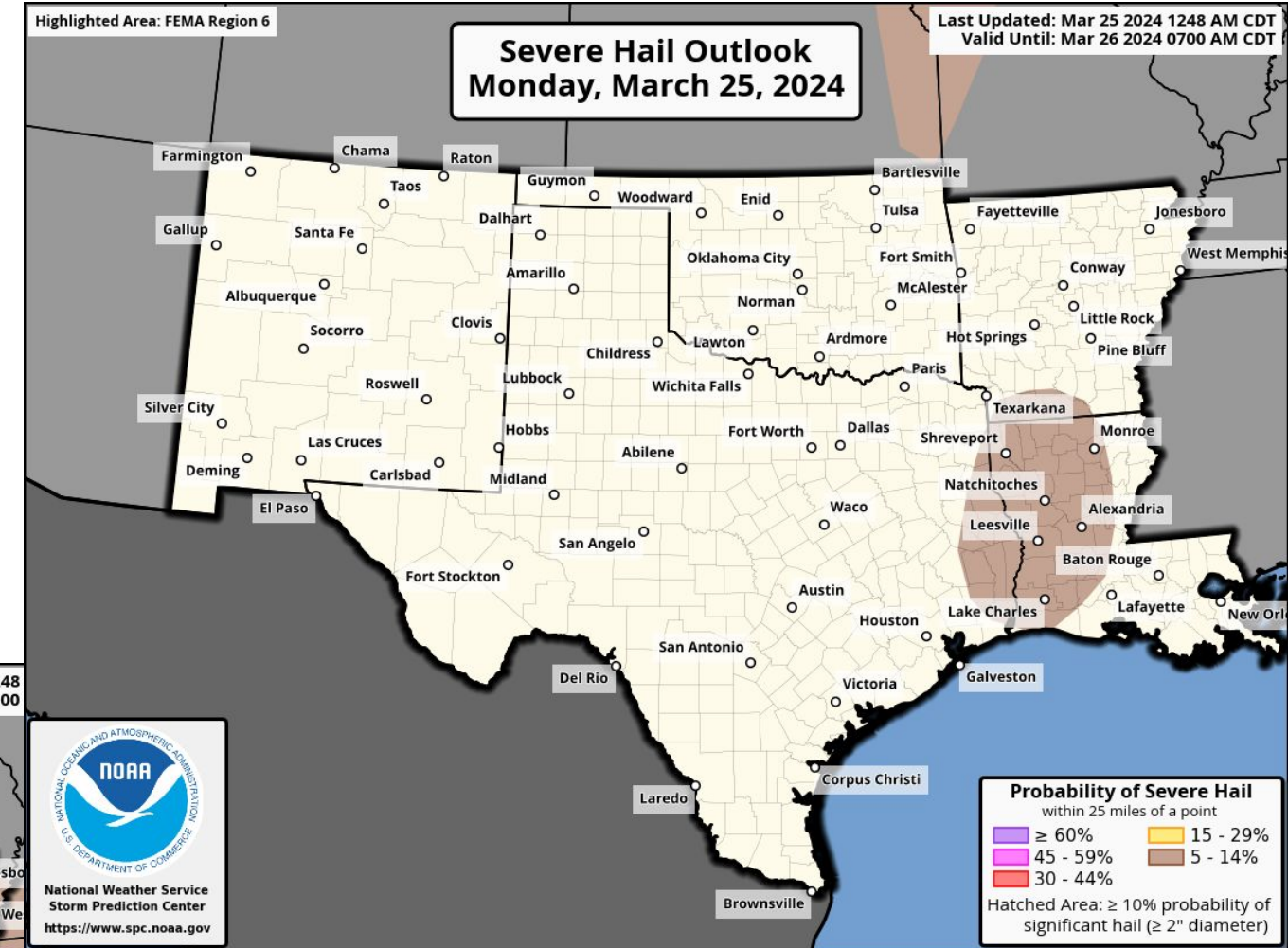
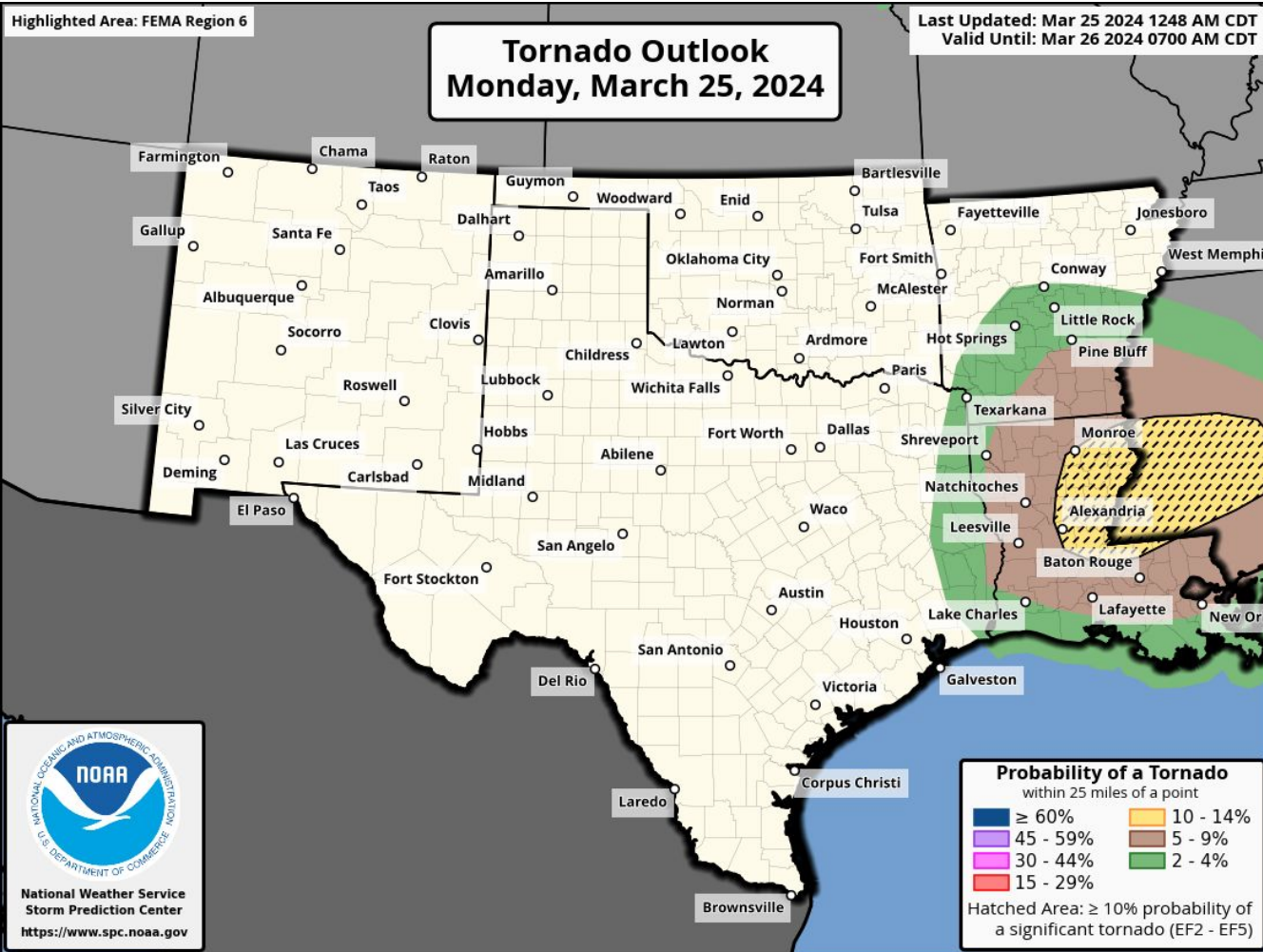
Critical Fire Weather Conditions in SW TX.

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



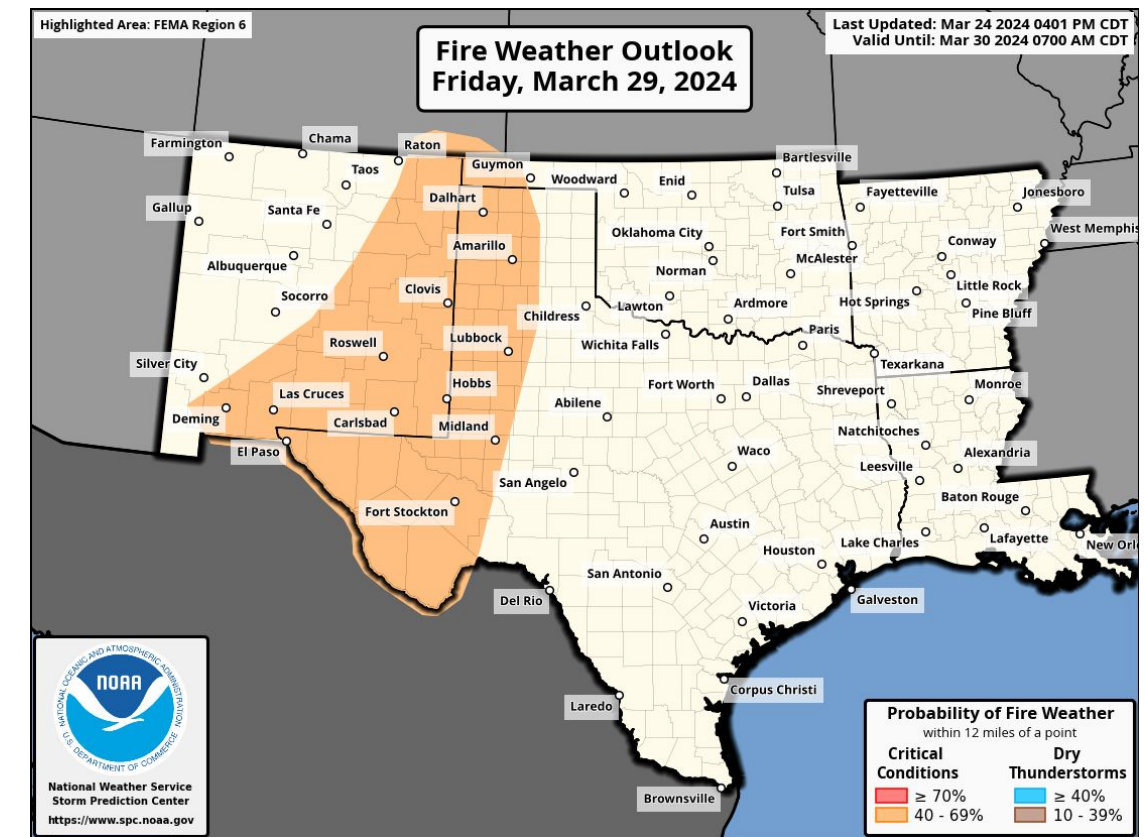
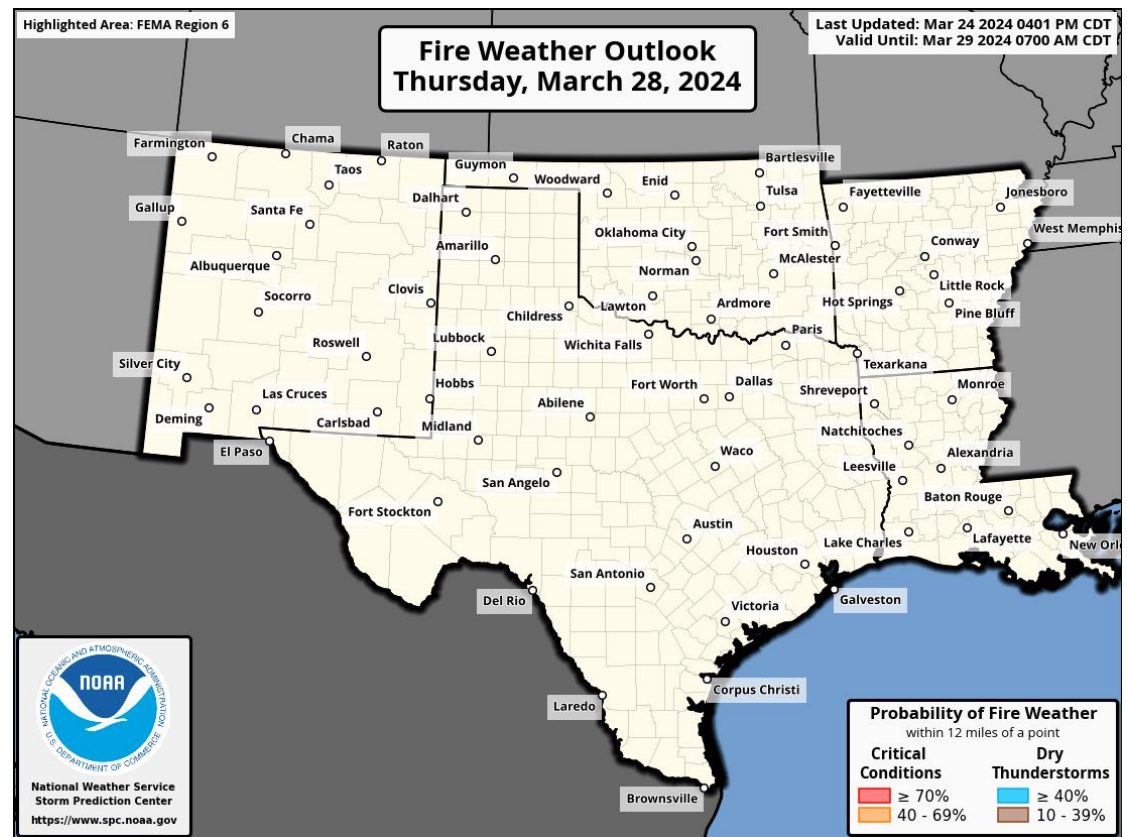
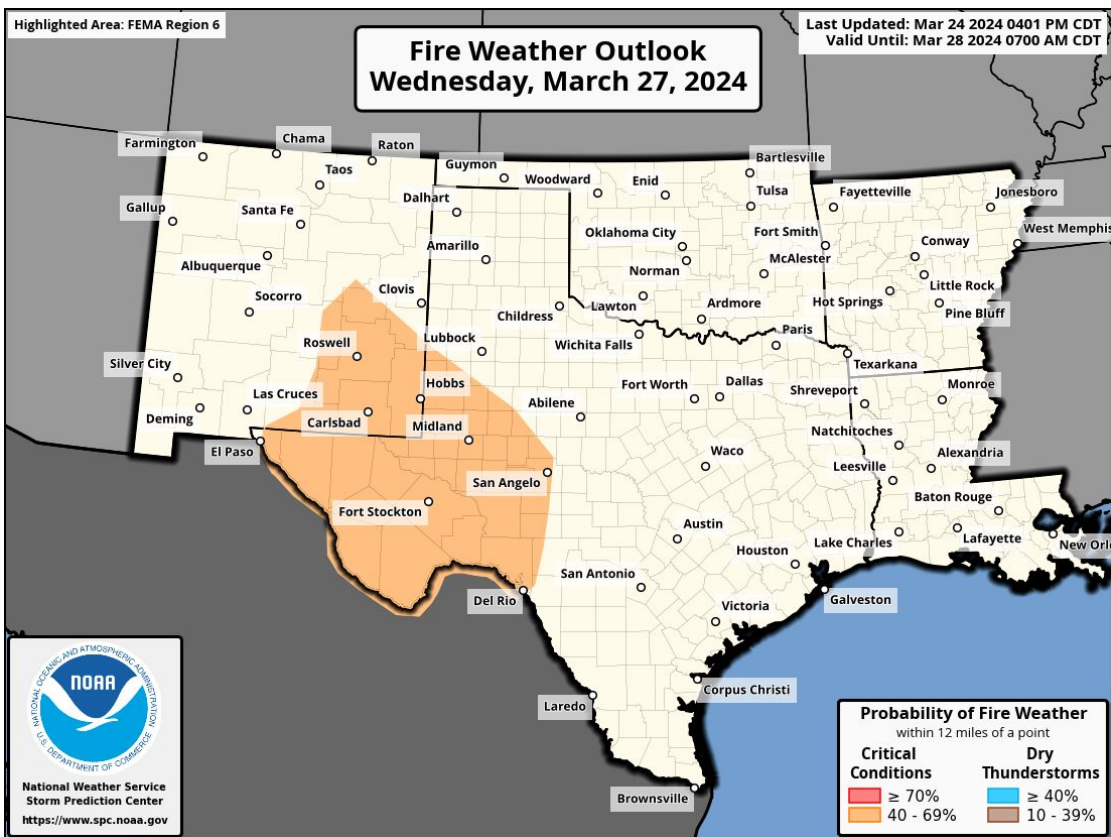
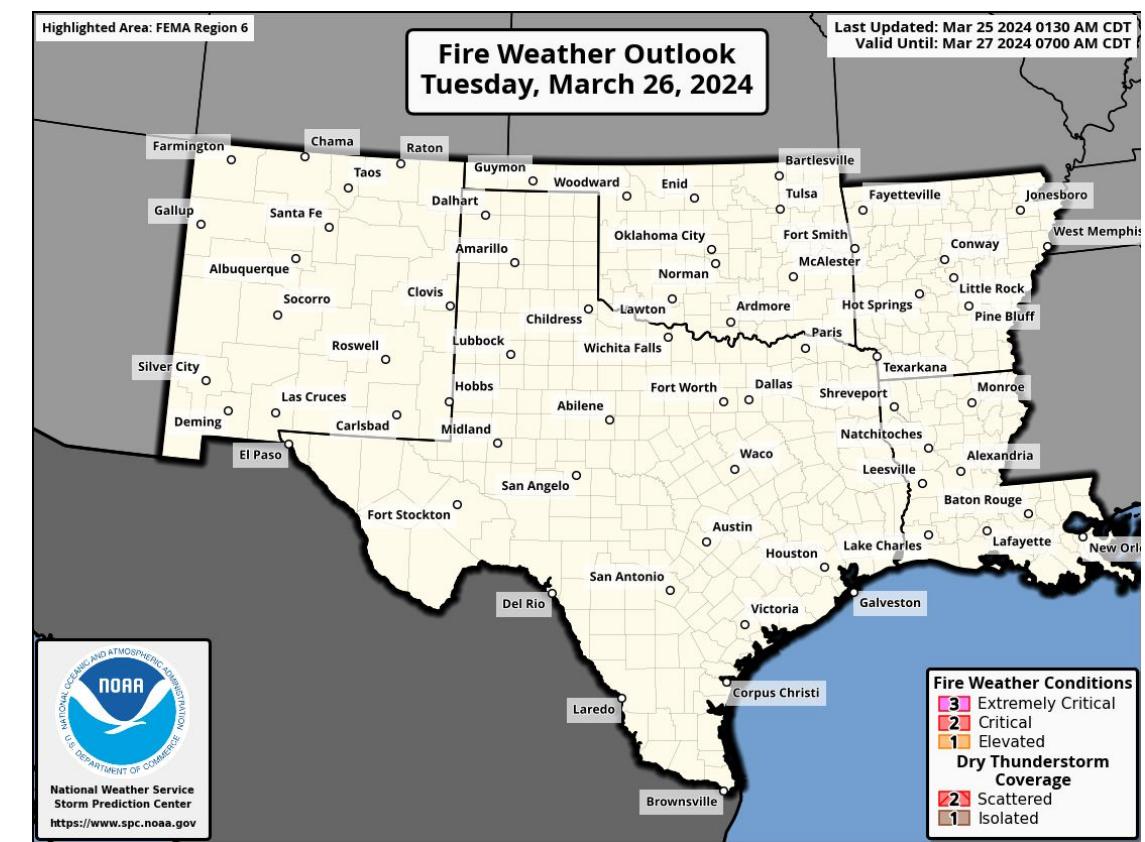
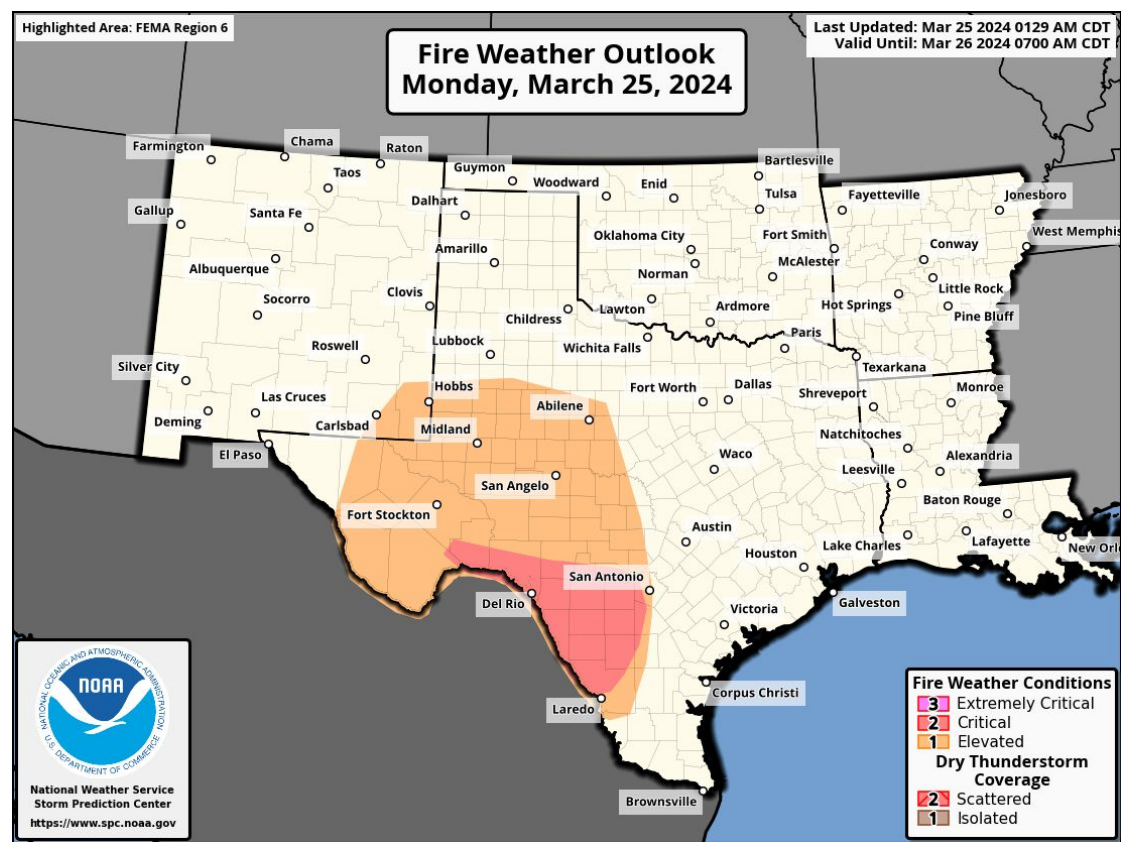
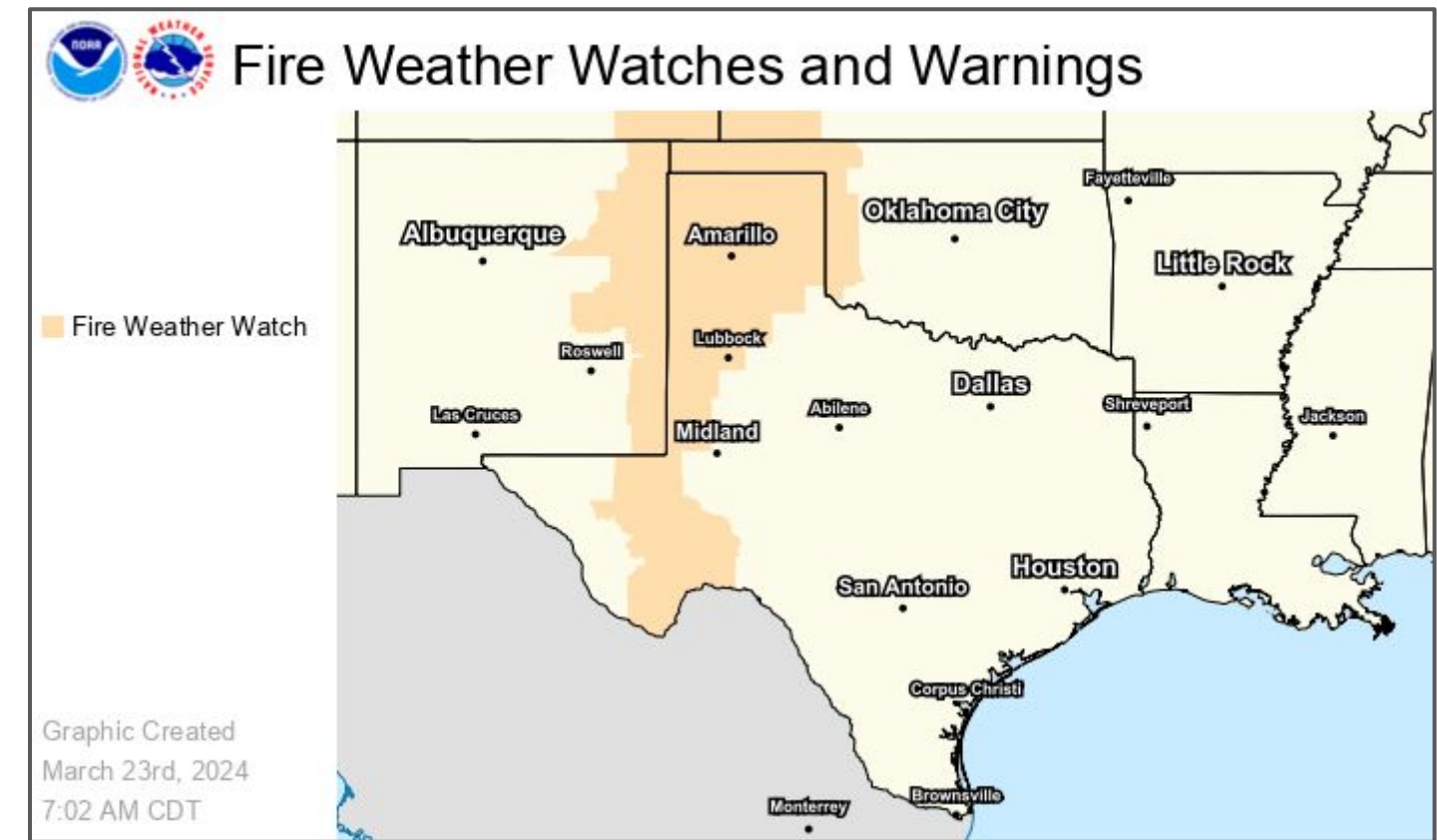
Today's Tornado & Severe Wind / Hail Probabilities

March 25, 2024





Fire Weather Outlooks





Winter Weather

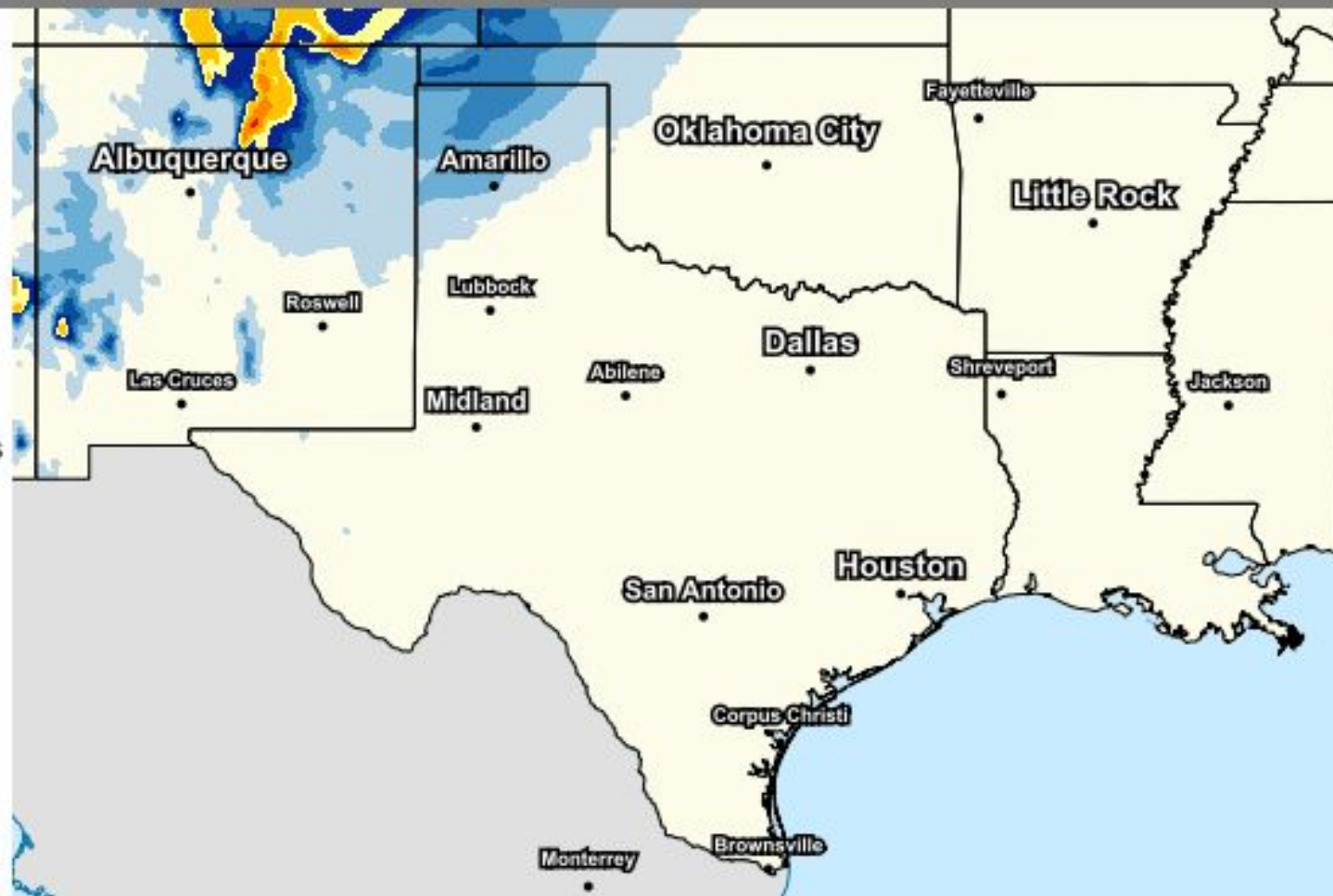
Through the next 3 days



Forecast Snowfall

Valid Ending Thursday March 28th, 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
March 25th, 2024
6:21 AM CDT



Ice Accumulation Forecast

Valid Ending Thursday March 28th, 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



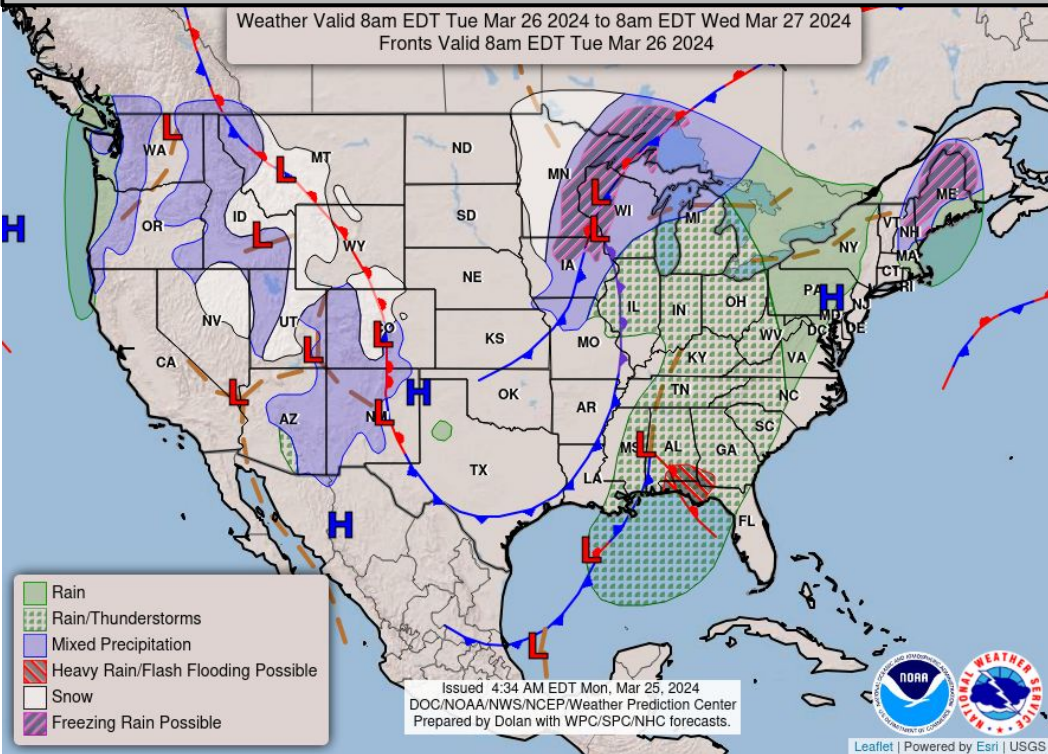
Graphic Created
March 25th, 2024
6:22 AM CDT



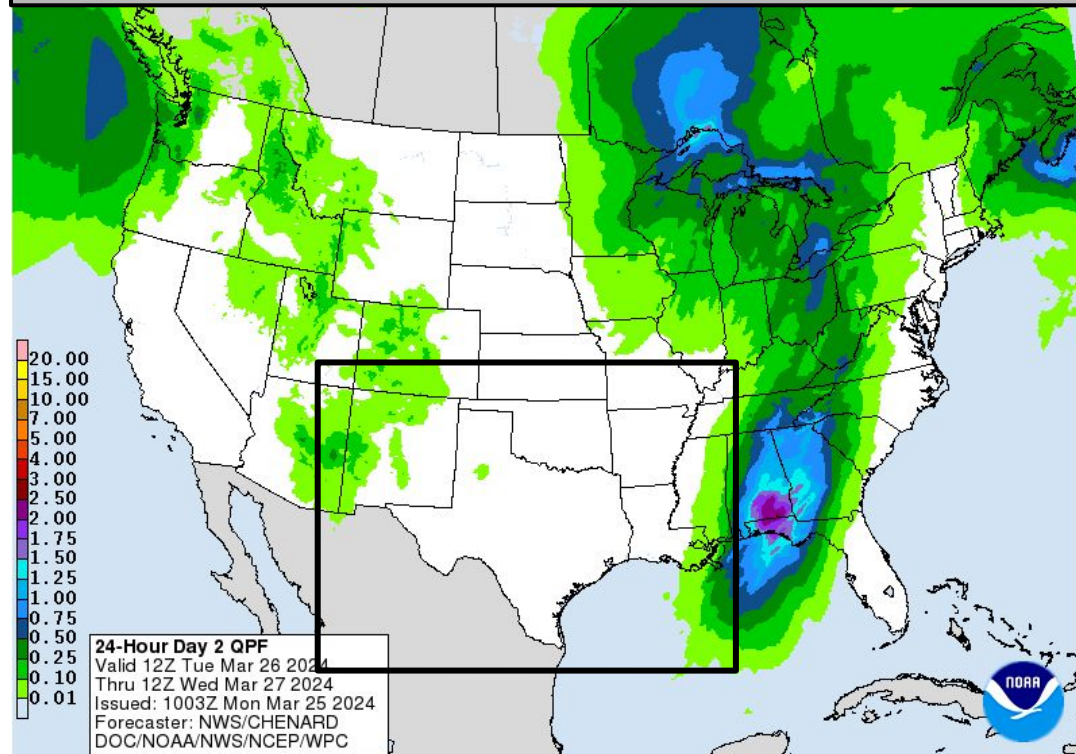


Tomorrow's Weather

Forecast Chart

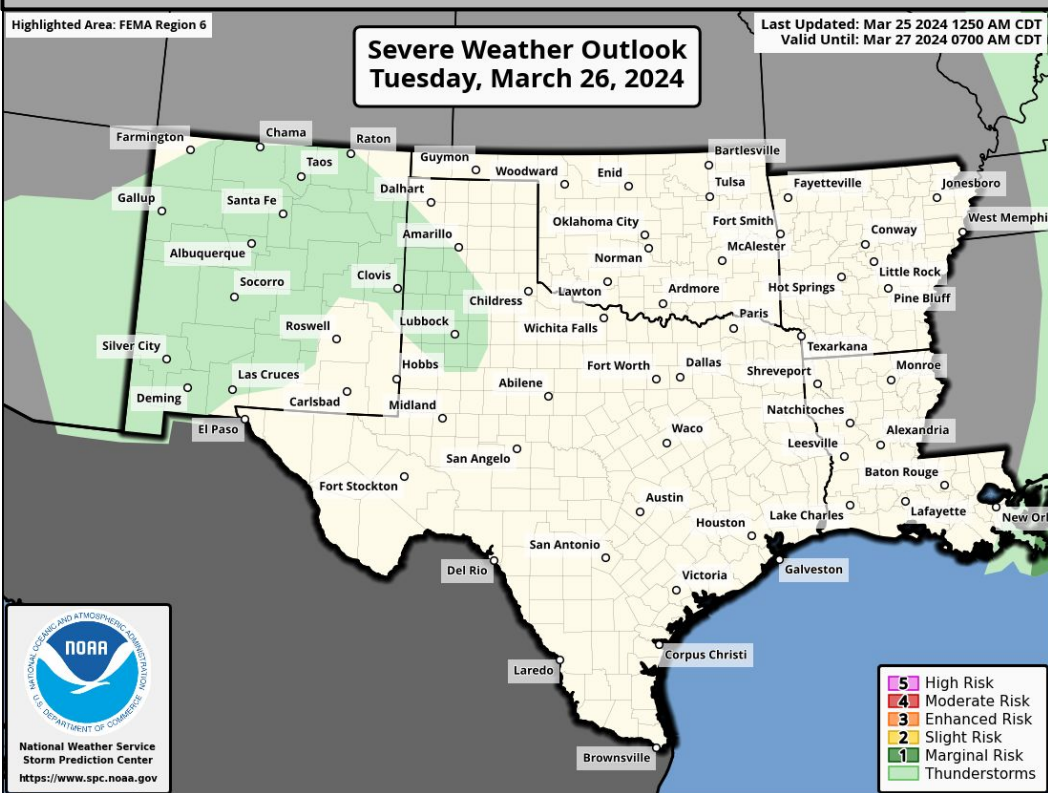


Forecast Rainfall

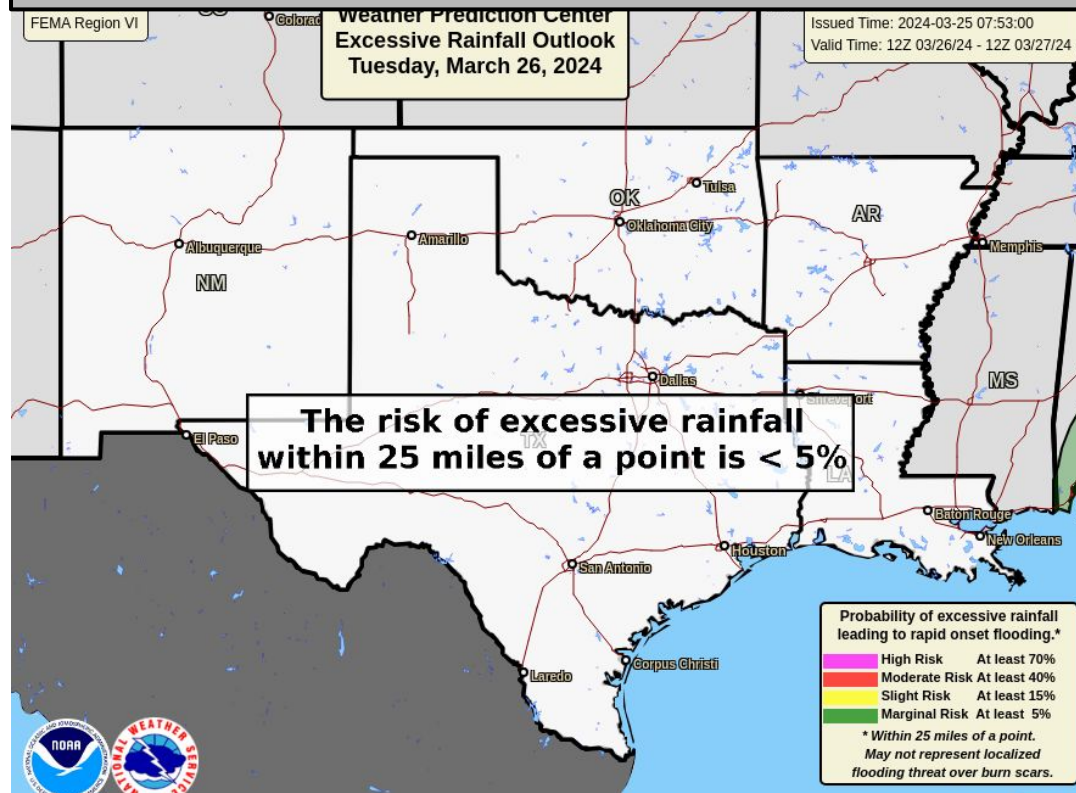


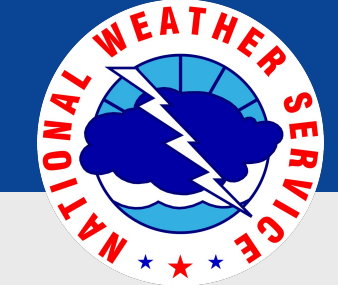
No significant weather expected.

Severe Weather Outlook

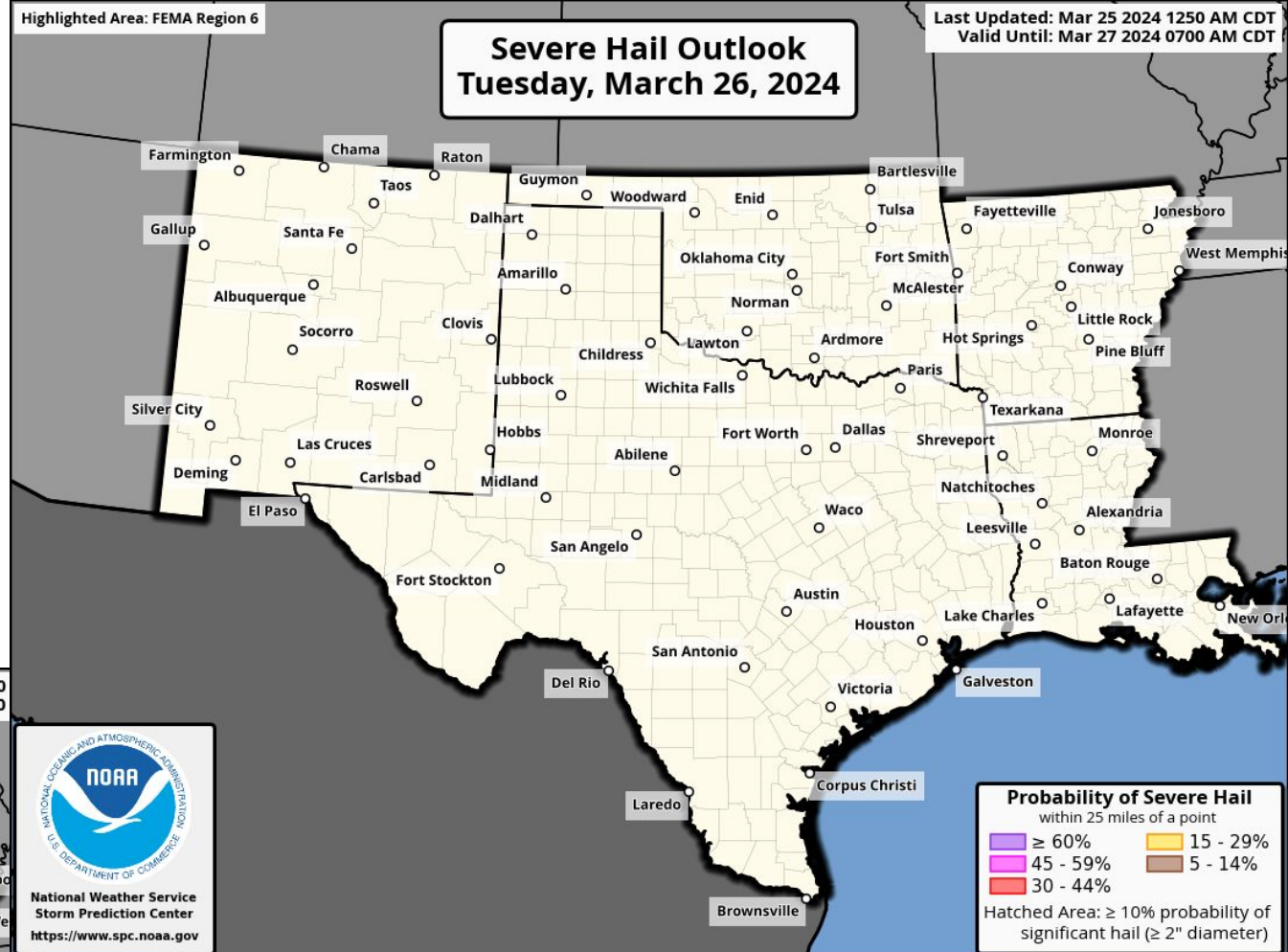
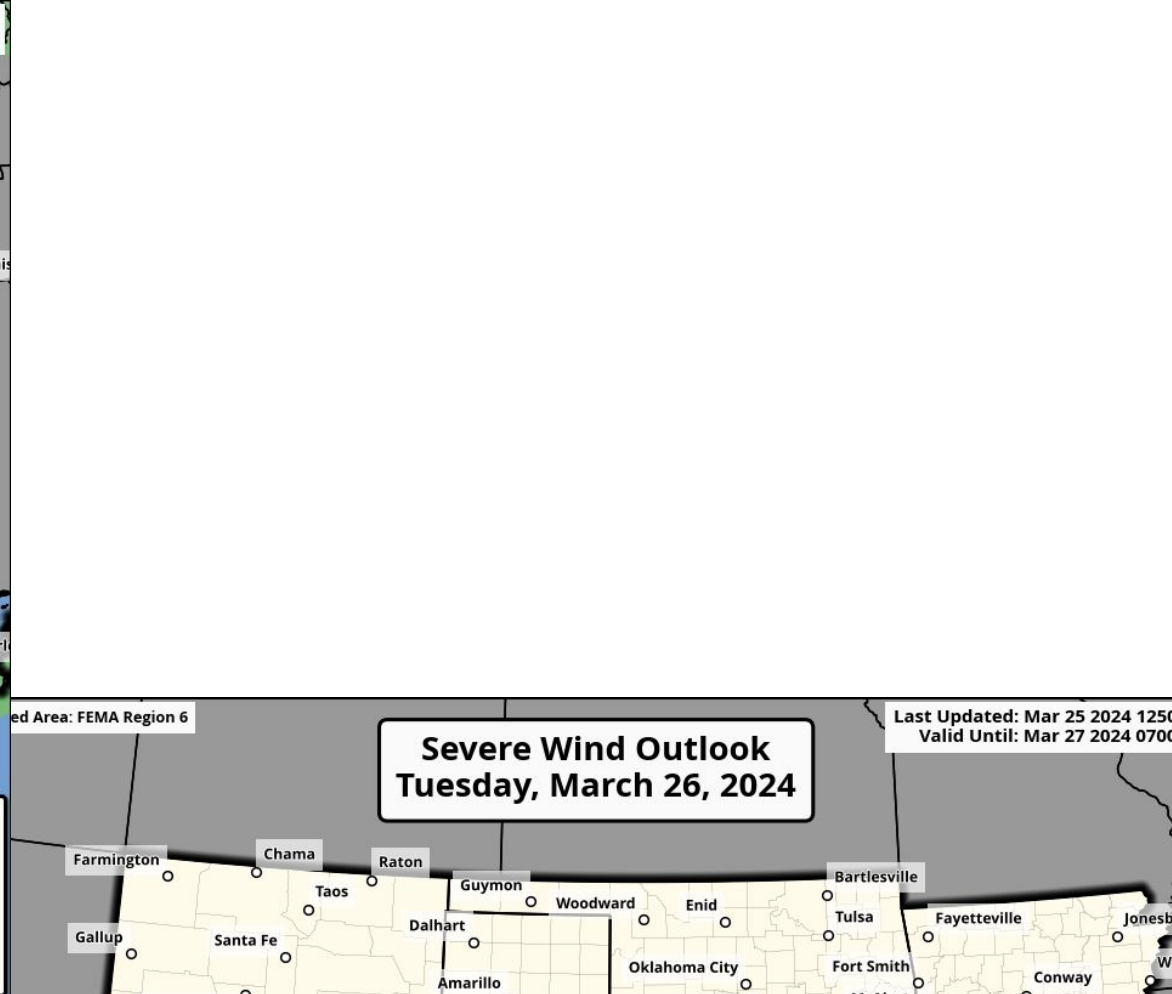
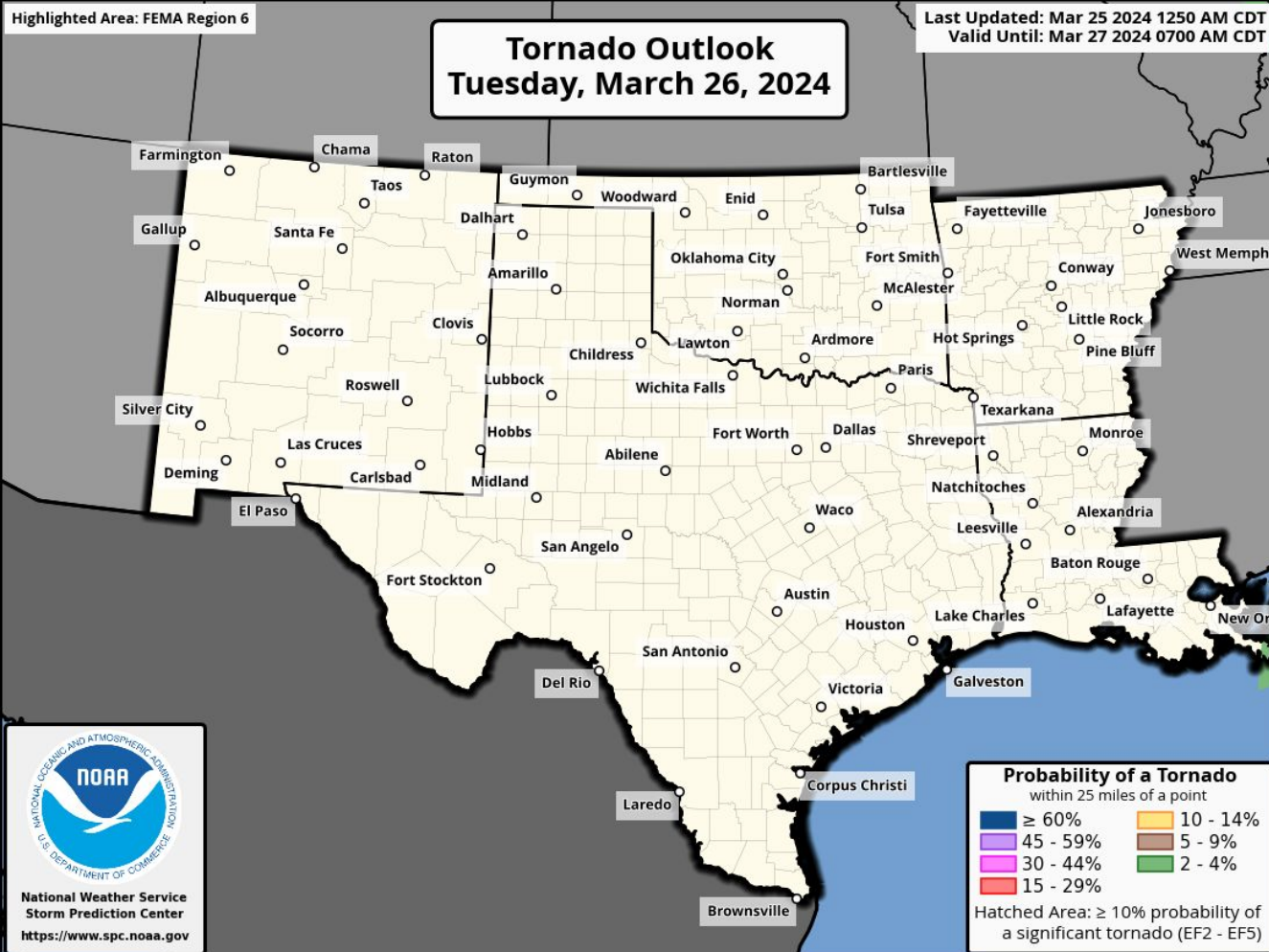


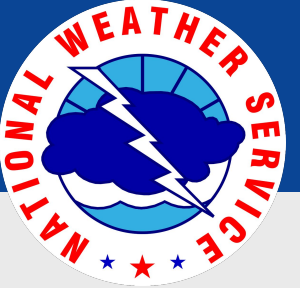
Excessive Rainfall Outlook



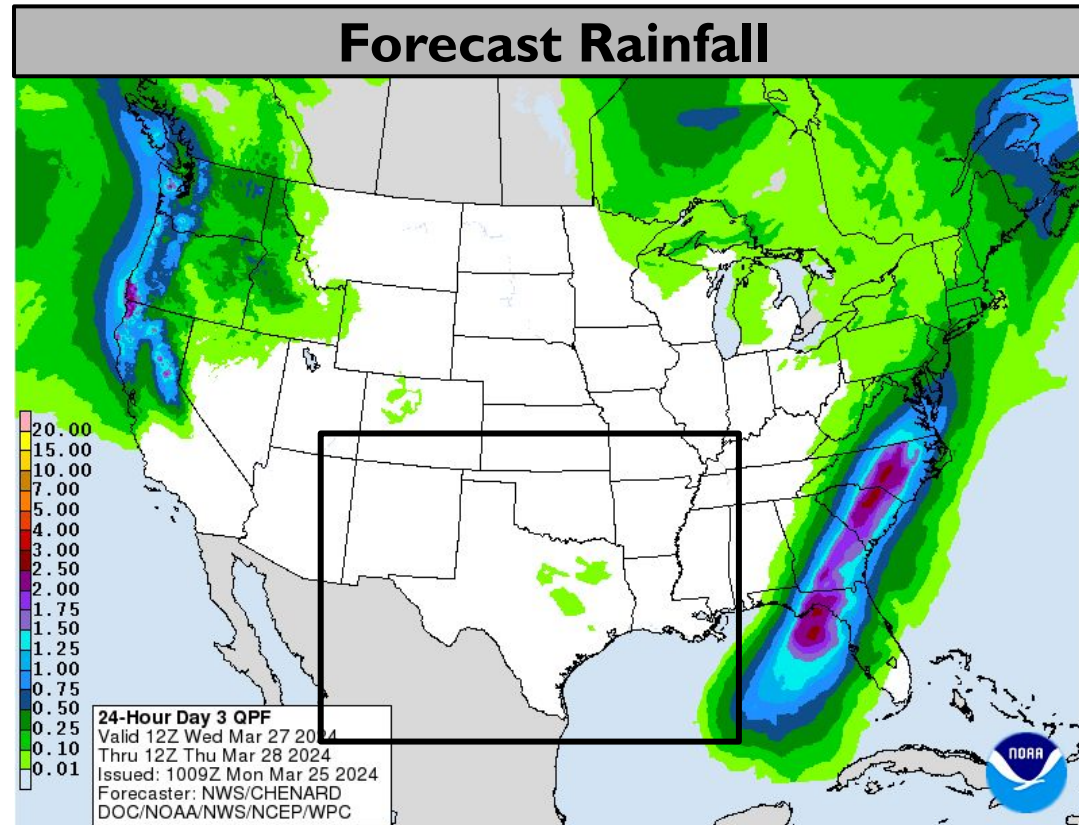
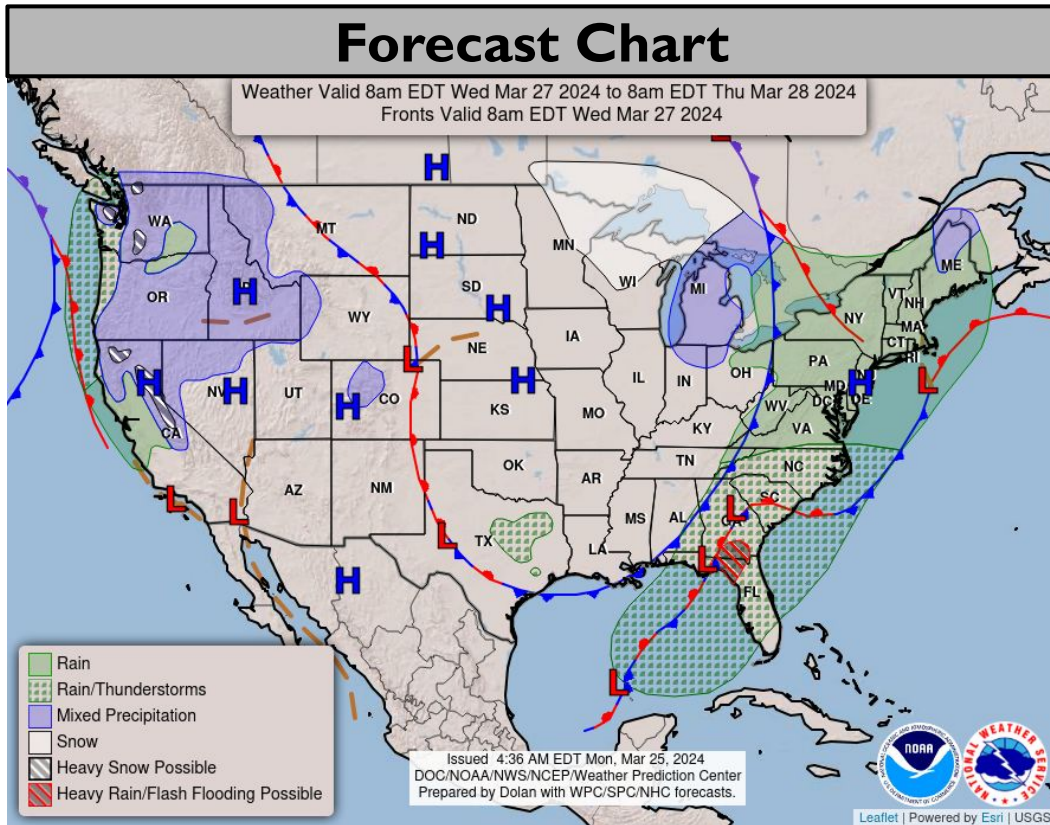


Tomorrow's Tornado & Severe Wind / Hail Probabilities

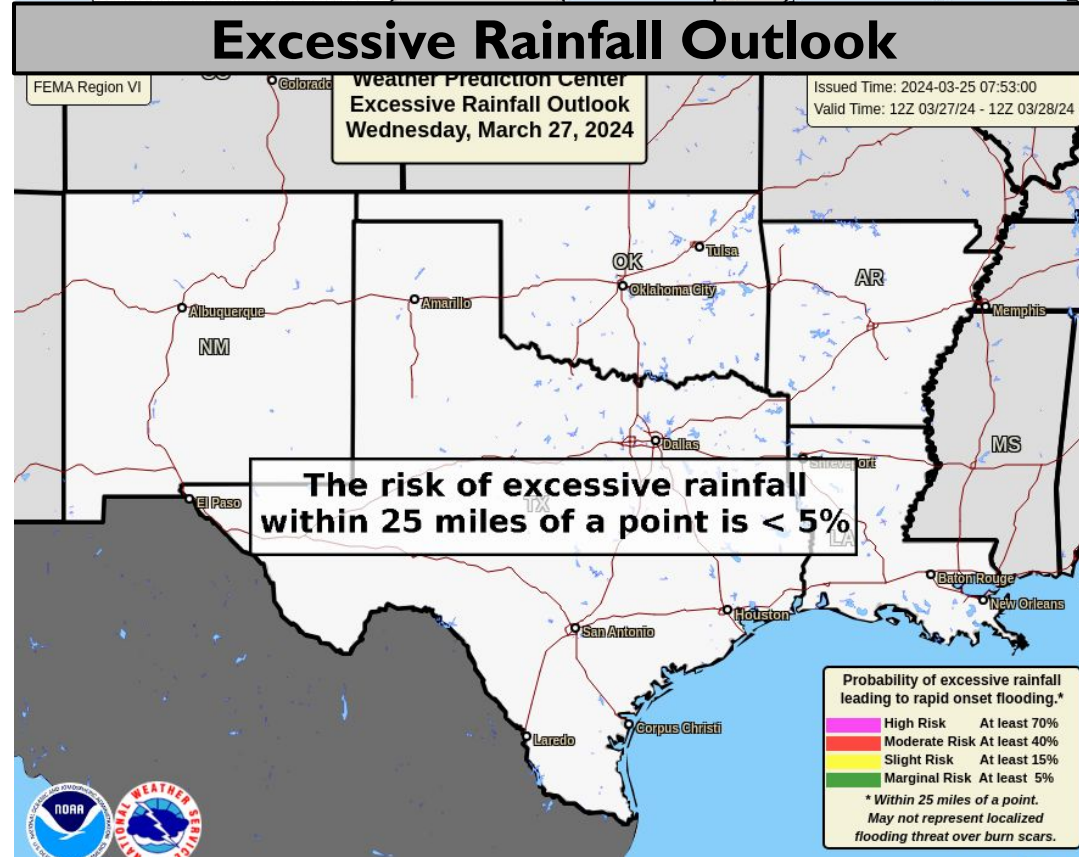
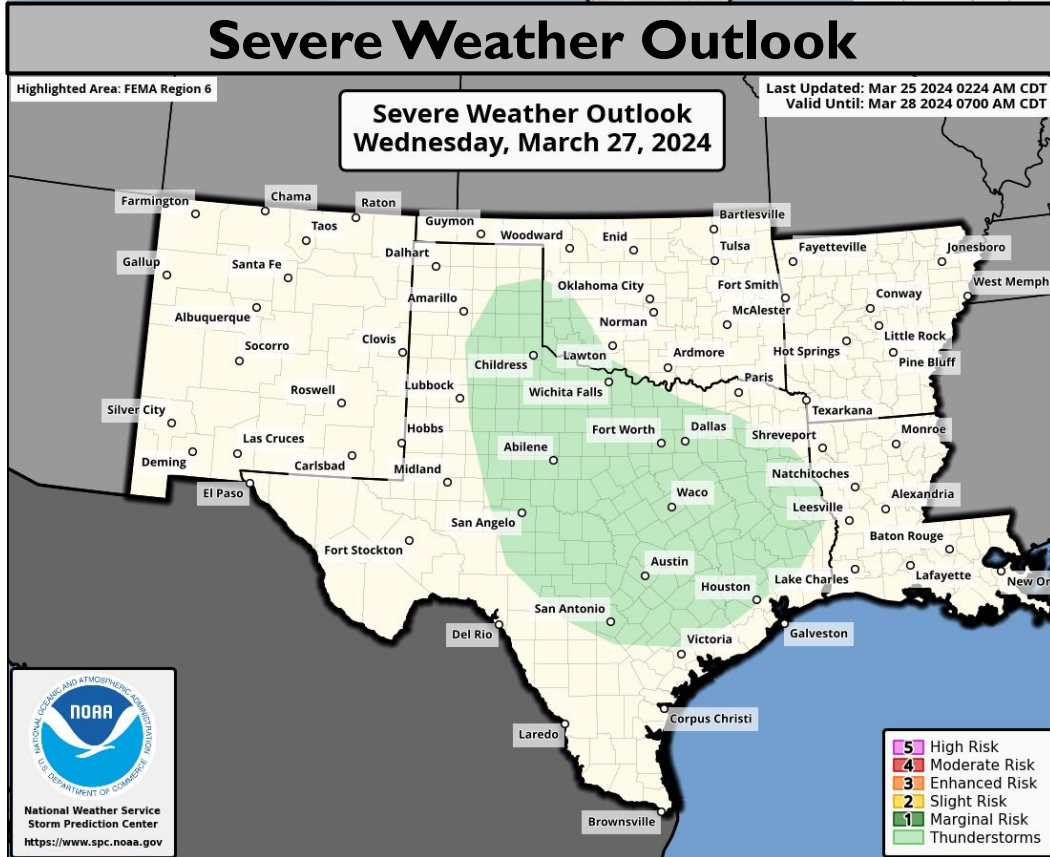




Wednesday's Weather



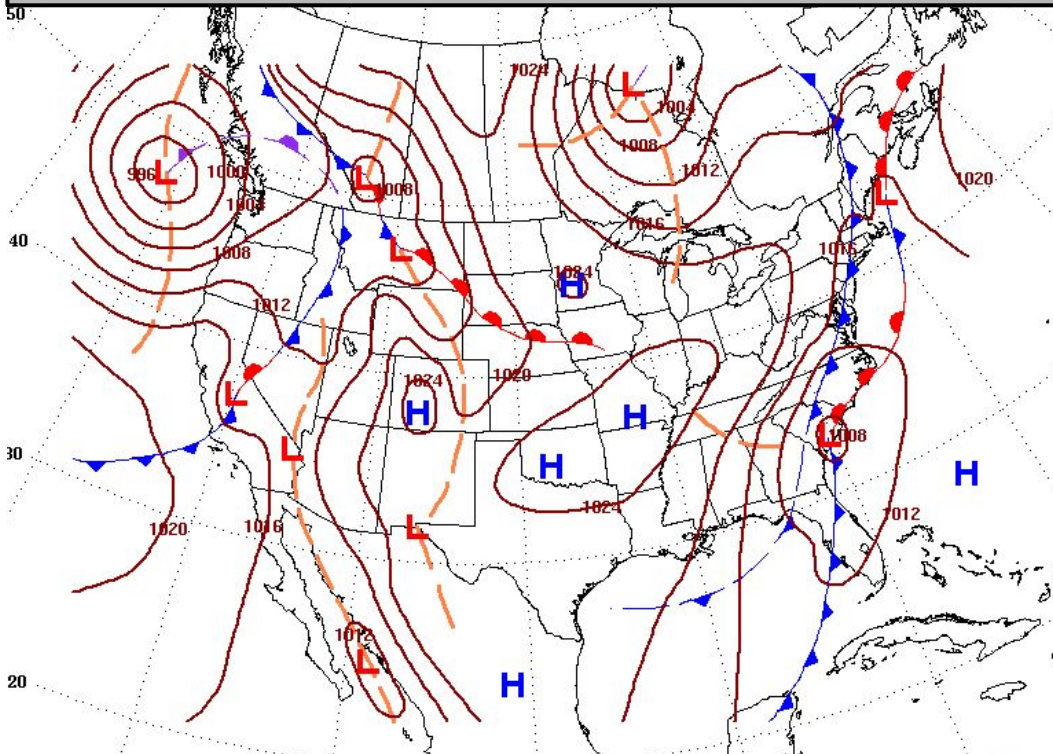
**Elevated fire weather conditions
for SE NM, W TX.**



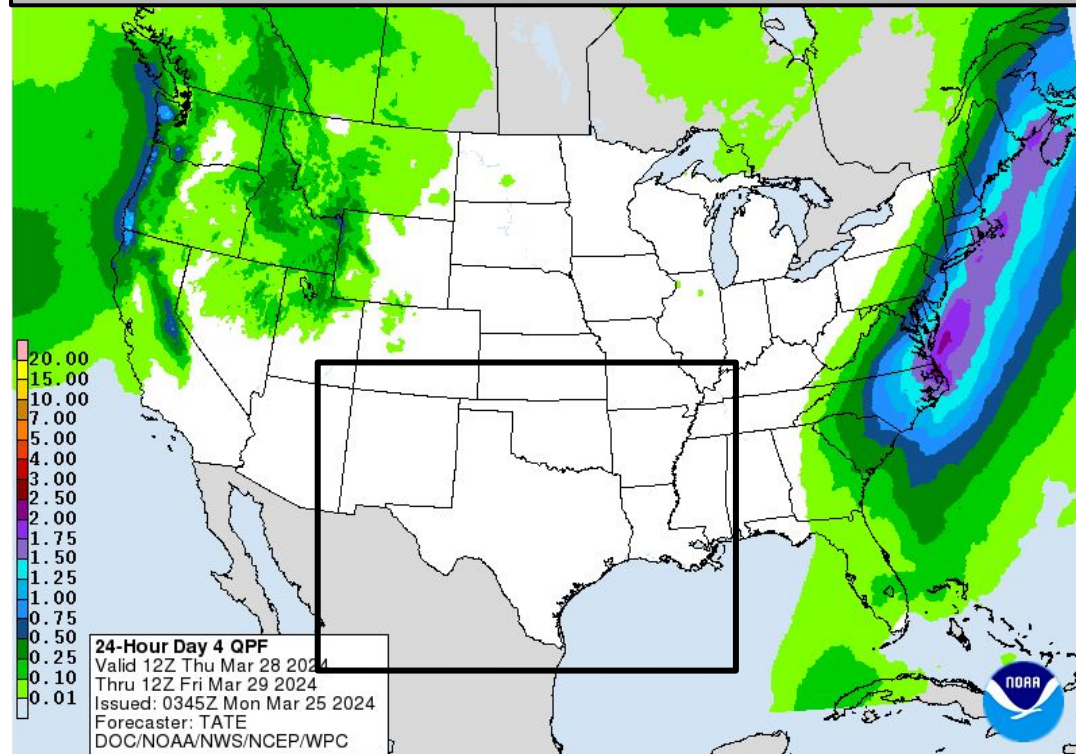


Thursday's Weather

Forecast Chart

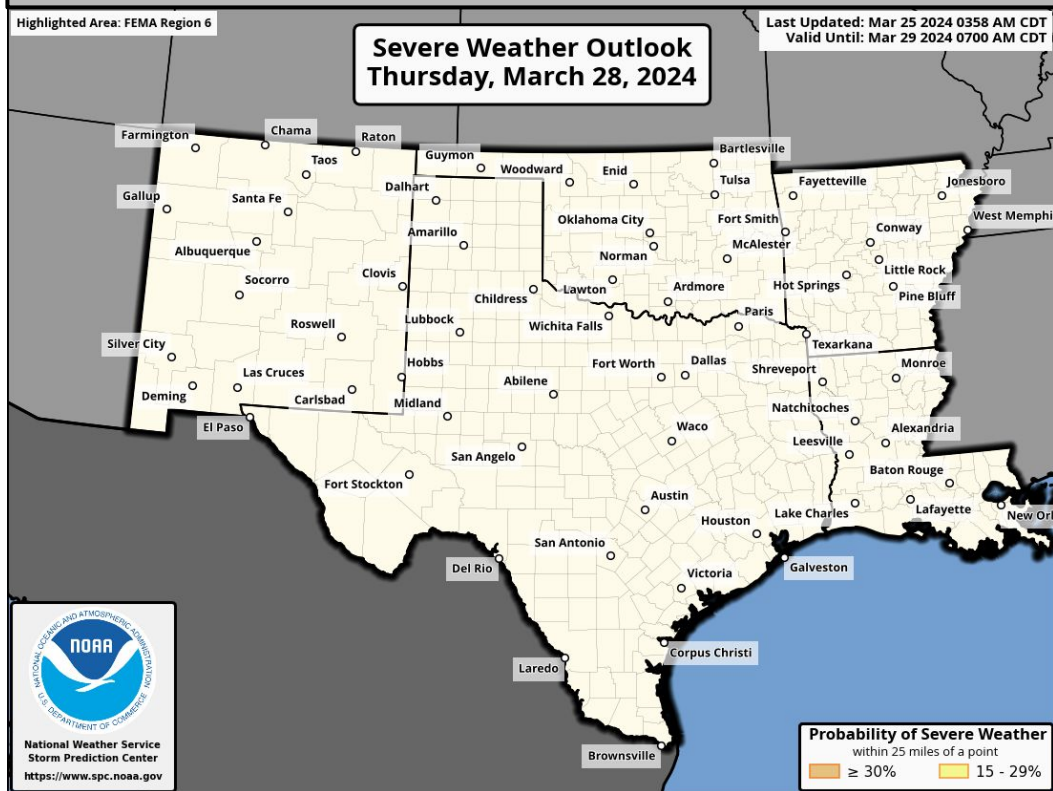


Forecast Rainfall

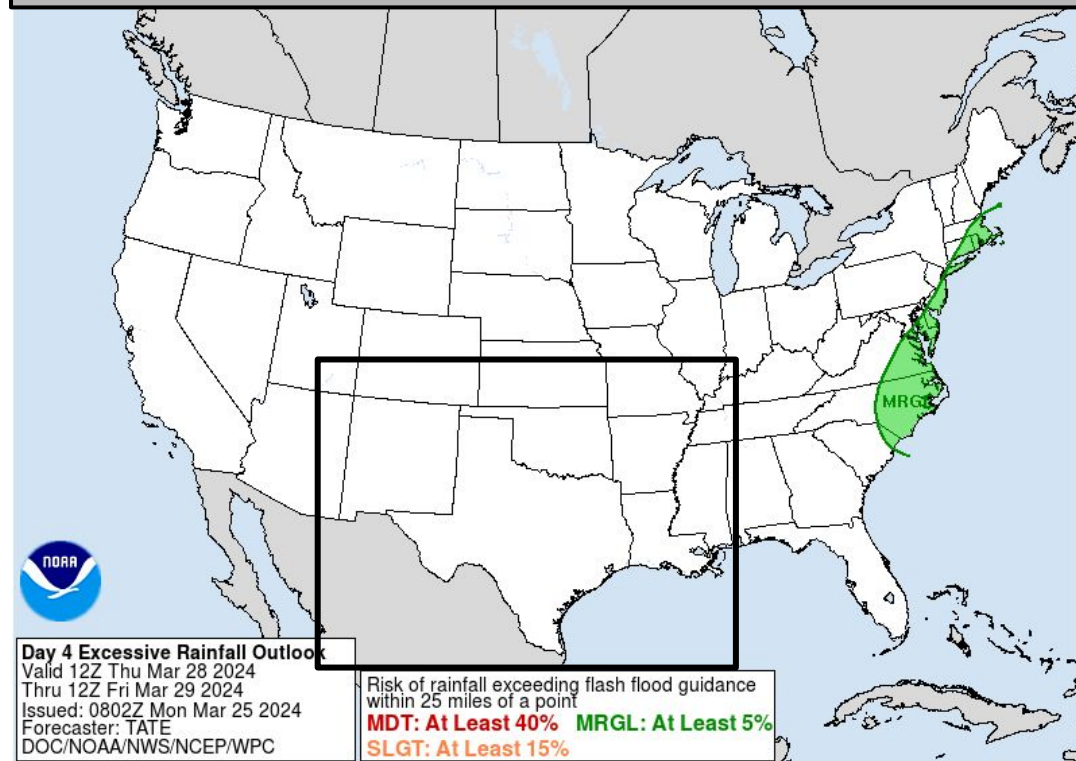


No significant weather expected.

Severe Weather Outlook



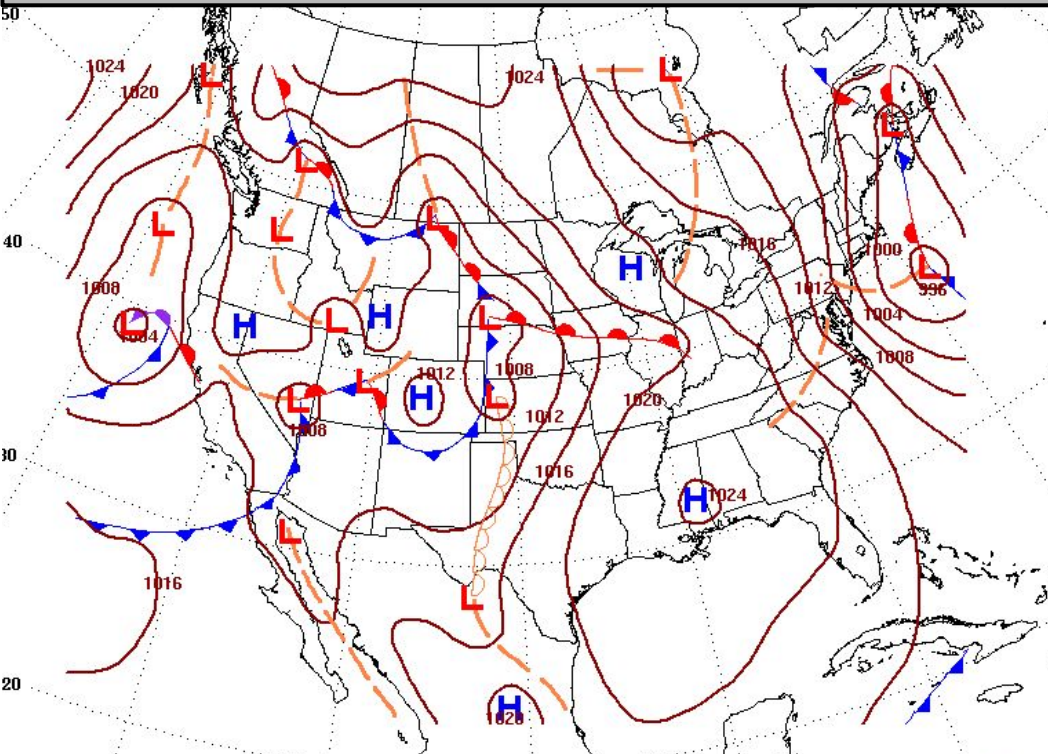
Excessive Rainfall Outlook



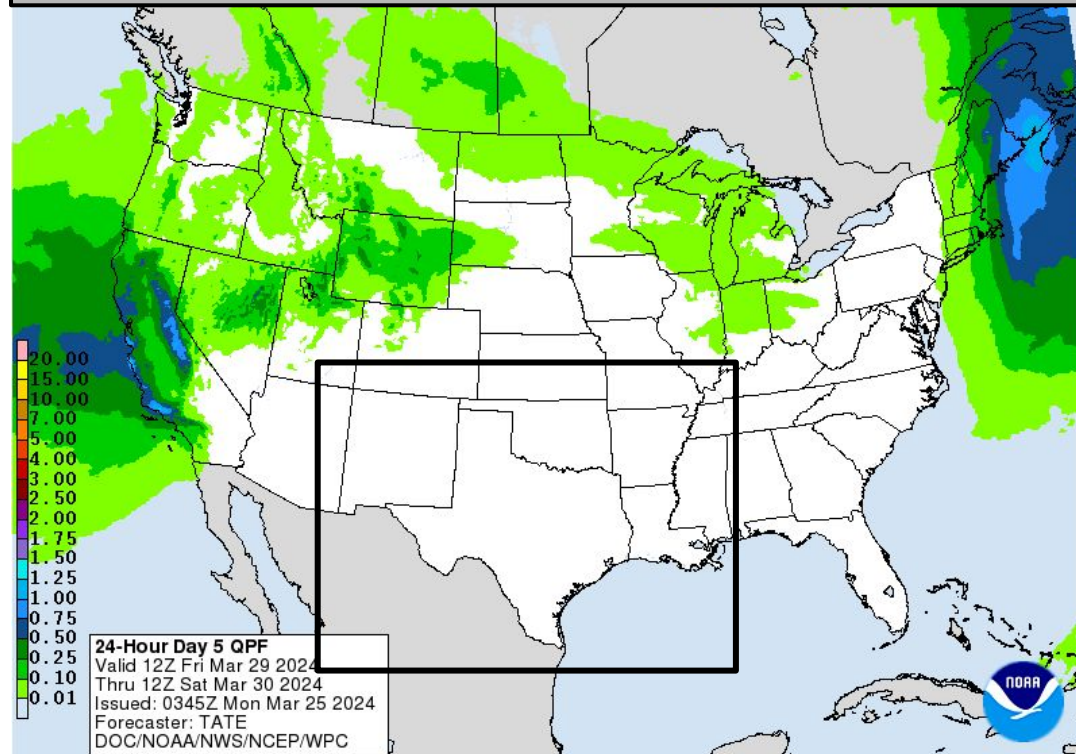


Friday's Weather

Forecast Chart

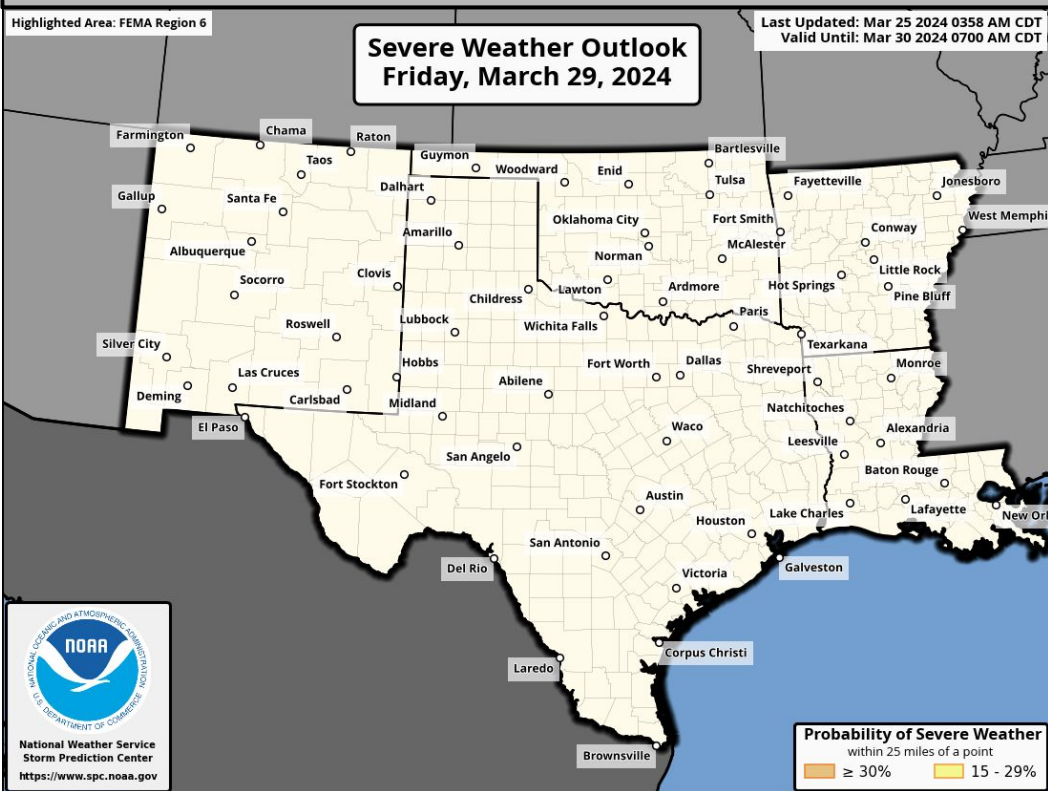


Forecast Rainfall

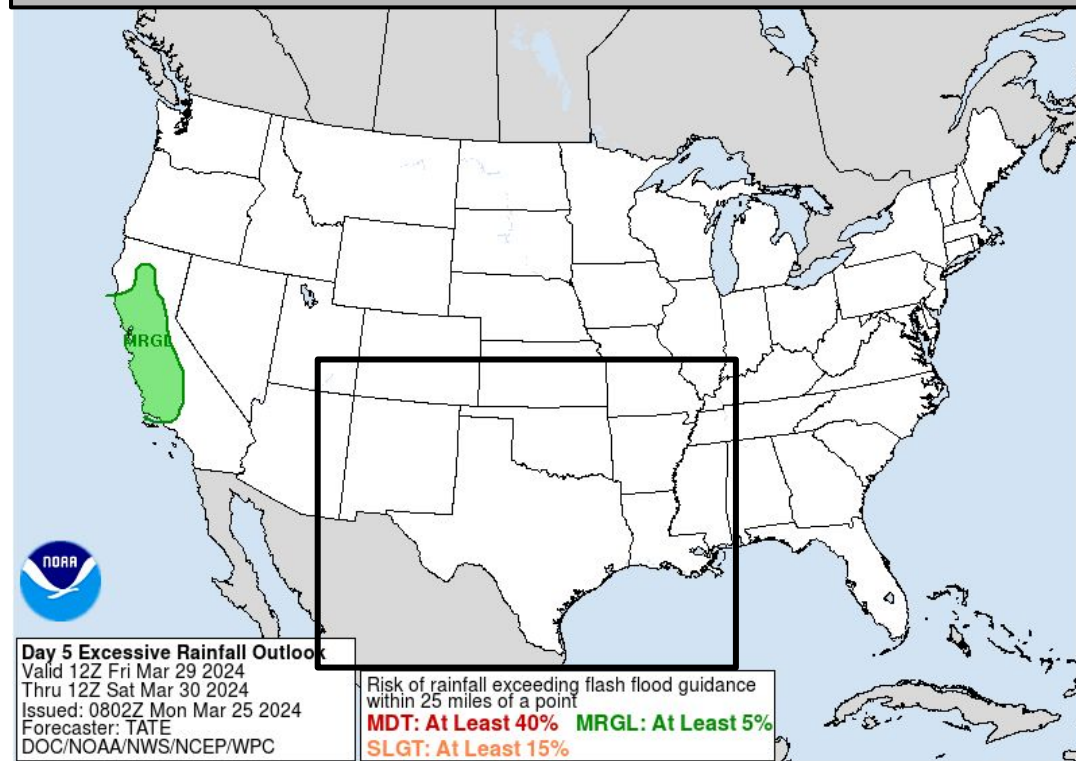


Elevated fire weather conditions expected in E/S NM, W TX, and TX/OK Panhandles.

Severe Weather Outlook



Excessive Rainfall Outlook

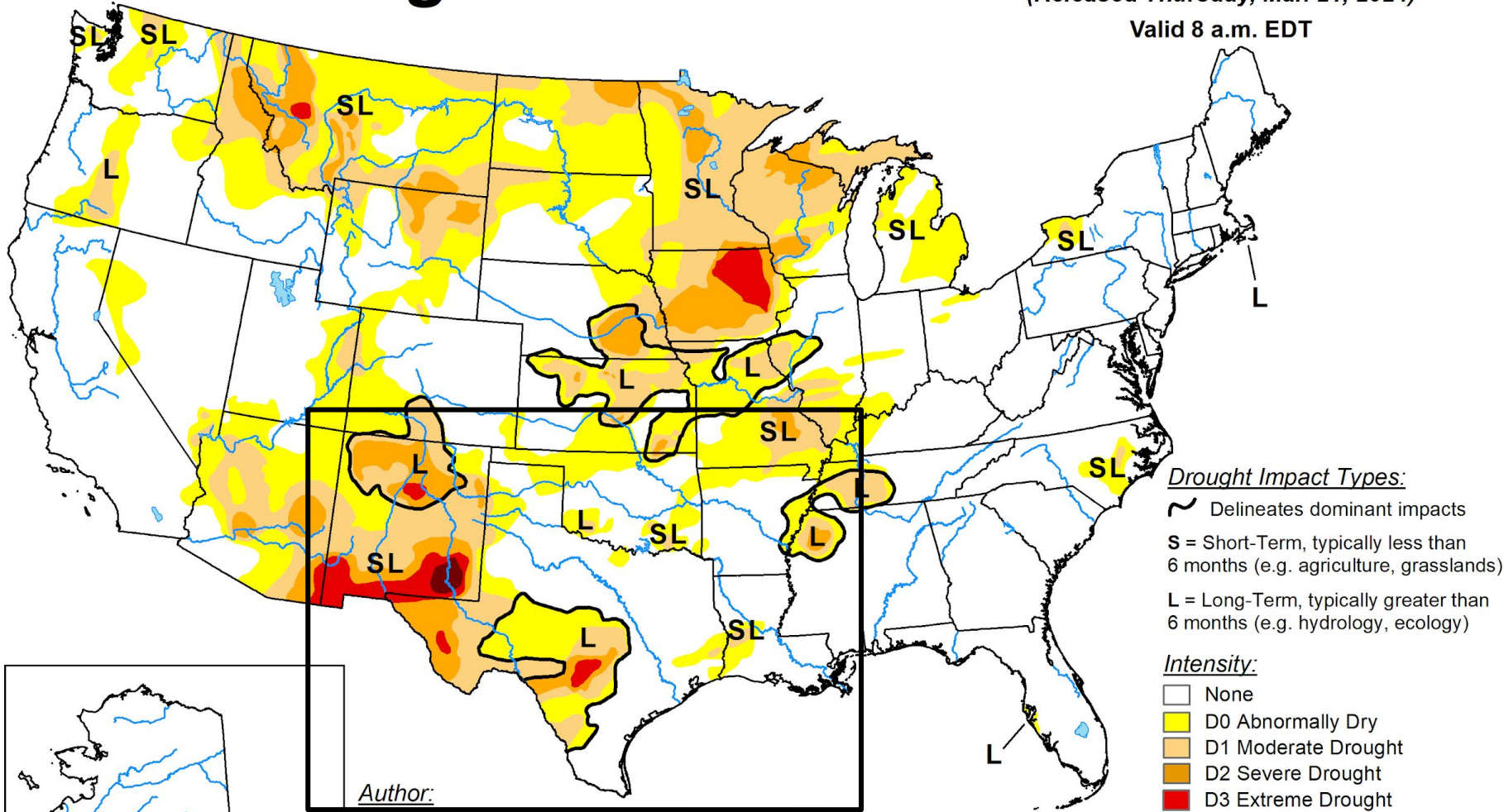




Drought Monitor

U.S. Drought Monitor

March 19, 2024
(Released Thursday, Mar. 21, 2024)
Valid 8 a.m. EDT

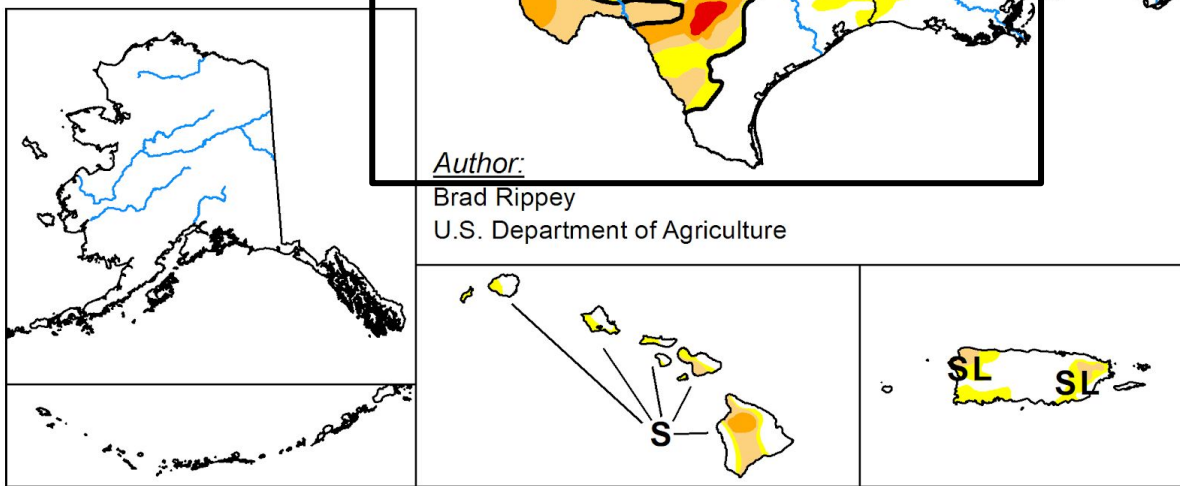


Author:
Brad Rippey
U.S. Department of Agriculture

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)

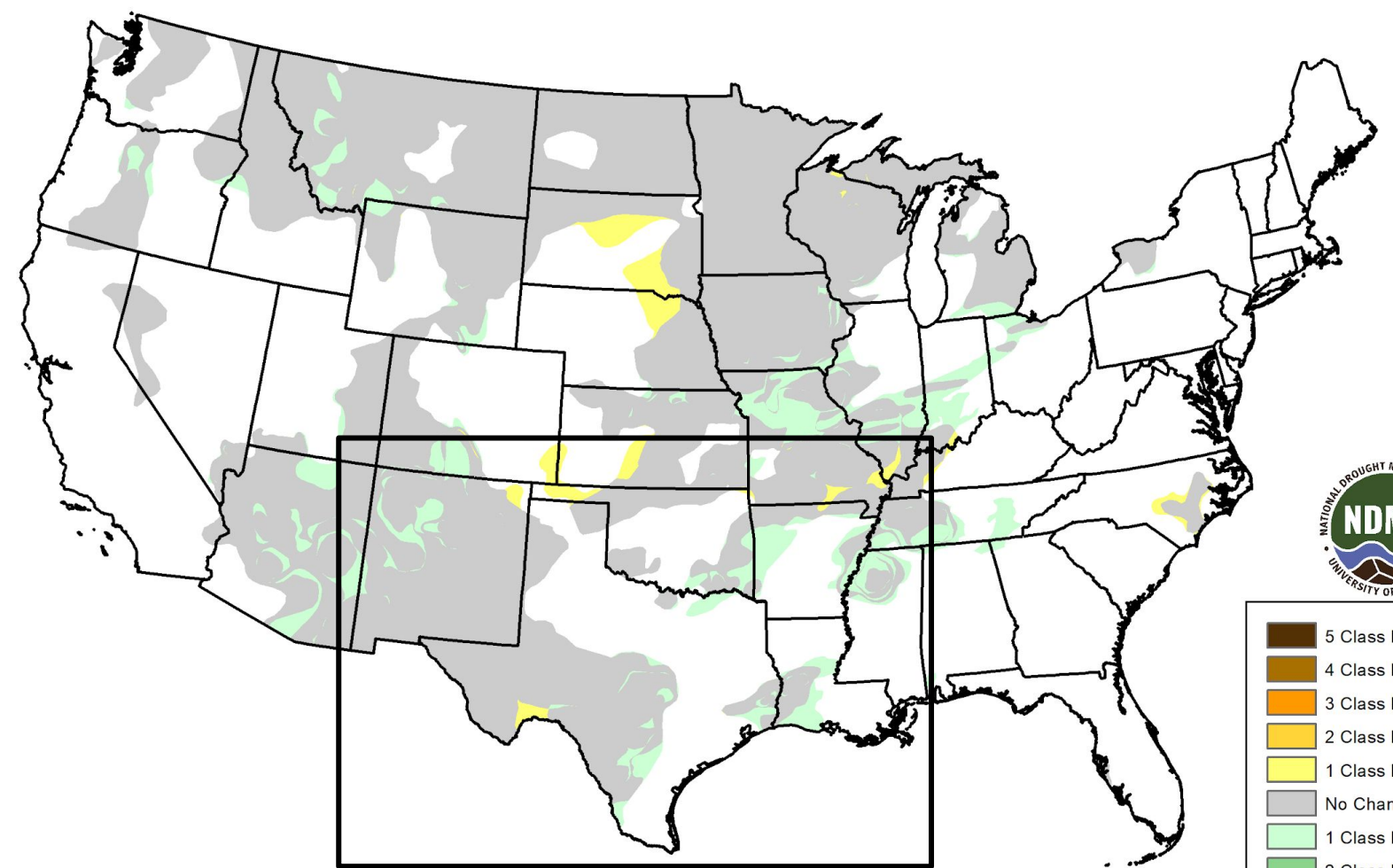
Intensity:
None
D0 Abnormally Dry
D1 Moderate Drought
D2 Severe Drought
D3 Extreme Drought
D4 Exceptional Drought

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

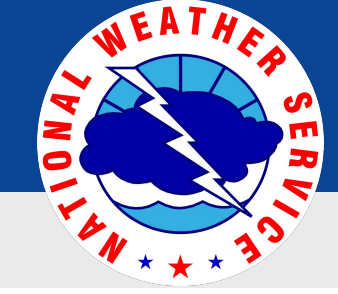


March 19, 2024
compared to
March 12, 2024

droughtmonitor.unl.edu

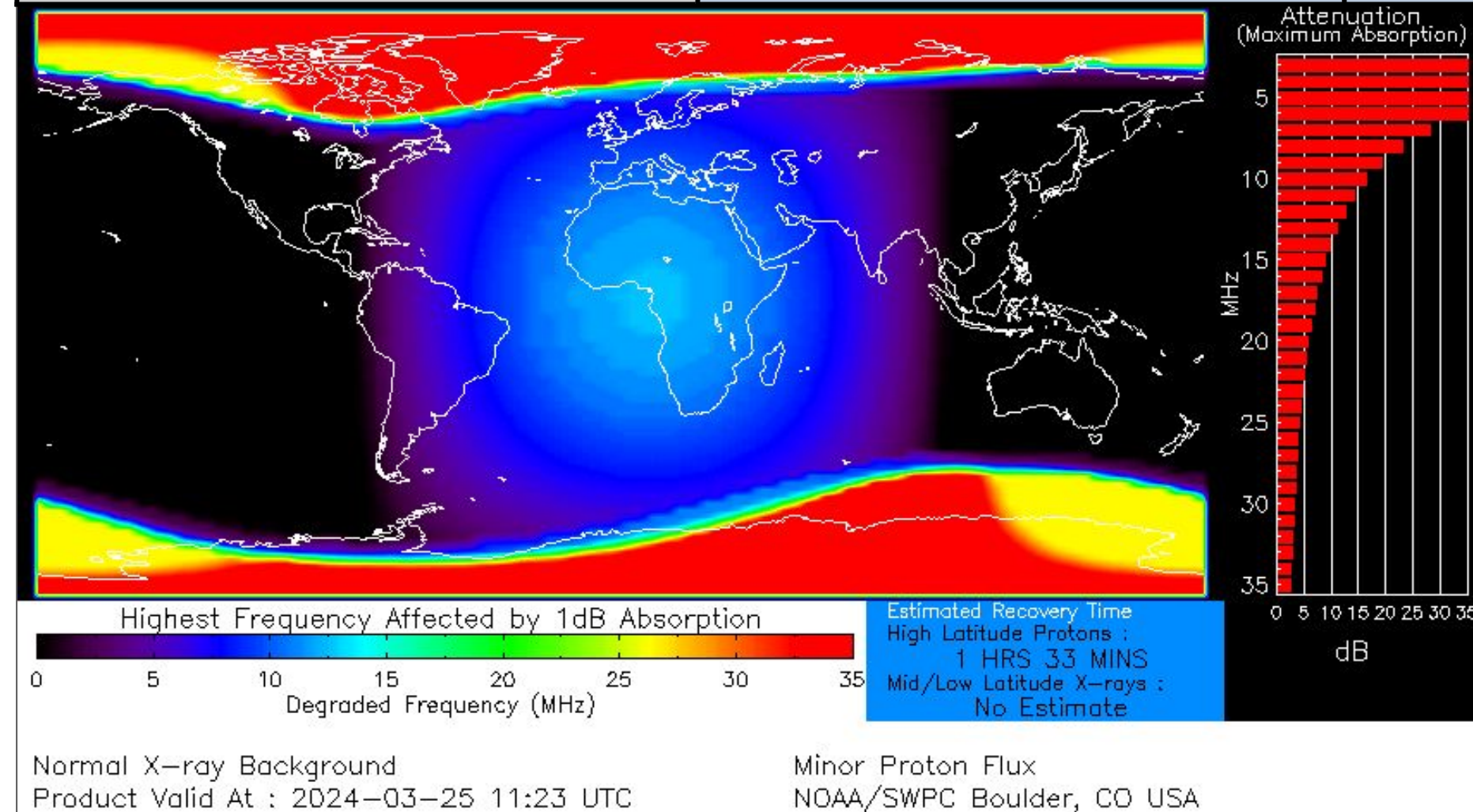


5 Class Degradation
4 Class Degradation
3 Class Degradation
2 Class Degradation
1 Class Degradation
No Change
1 Class Improvement
2 Class Improvement
3 Class Improvement
4 Class Improvement
5 Class Improvement



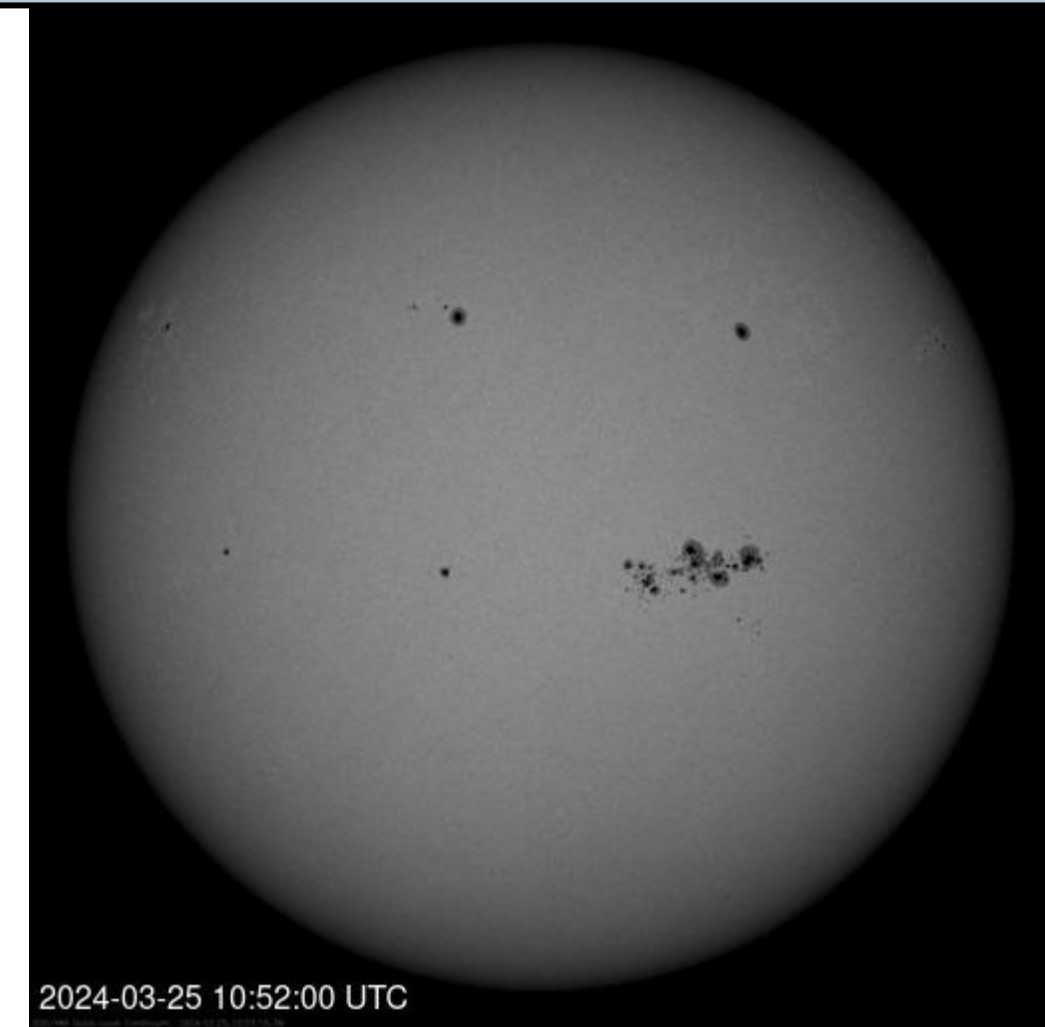
Space Weather 3-Day Forecast

	Monday, Mar 25	Tuesday, Mar 26	Wednesday, Mar 27
Geomagnetic Storms	Minor G1 Storm (Max Kp = 5)	Active (Max Kp = 4)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	99%	70%	50%
Radio Blackout (R1-R2)	85%	85%	85%
Radio Blackout (R3-R5)	25%	25%	25%



[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



Phone: (682) 703-3747



Facebook: NWSSouthern



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



Twitter: NWSSouthern



Web: www.weather.gov/srh