



FEMA



Prepared by
Melissa Beat

FEMA Region 6 Weather Threat Briefing

Tuesday, March 11, 2025

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

- **Elevated to critical (levels 1-2 of 3) fire weather concerns today into next week for portions of NM, W/C/S TX, TX/OK Panhandle, and OK with extreme (level 3 of 3) conditions Friday.**
- **Slight risk (level 2 of 5) for severe storms with first system Wednesday for E TX, SE OK, S AR. Then second system brings slight to enhanced risk (levels 2-3 of 5) for severe storms on Friday for E TX, AR, and LA, with slight risk (level 2 of 5) Saturday in LA.**
- **Minor (level 2 of 5) impacts in NM Thursday and Friday due to snow. However, due to high winds, there may be periods of moderate impacts (level 3 of 5).**
- **Marginal risk (level 1 of 4) for heavy rainfall in E AR Friday and E LA Saturday with second system.**
- **Minor river flooding forecast through the week in E TX, AR, and LA.**





FEMA Region 6 Threat Matrix

Next 7 days

	Tuesday, Mar 11	Wednesday, Mar 12	Thursday, Mar 13	Friday, Mar 14	Saturday, Mar 15	Sunday, Mar 16	Monday, Mar 17
Severe Storms		NETX, SE OK, W AR		AR ETX, AR, N LA	LA		
Heavy Rain / Flash Flooding				E AR	E LA		
Fire Weather	S NM, W TX	NM, W/CTX	NM, W TX, TX/OK Panhandle	E NM, W/C/N TX, TX Panhandle, OK	E NM, W/C/STX	STX	E NM, W TX, TX Panhandle, W OK
Winter			NM	NM			
River Flooding	ETX, AR, LA	ETX, AR, LA	ETX, AR, LA	ETX, AR, LA	ETX, AR, LA	ETX, AR, LA	ETX, AR, LA

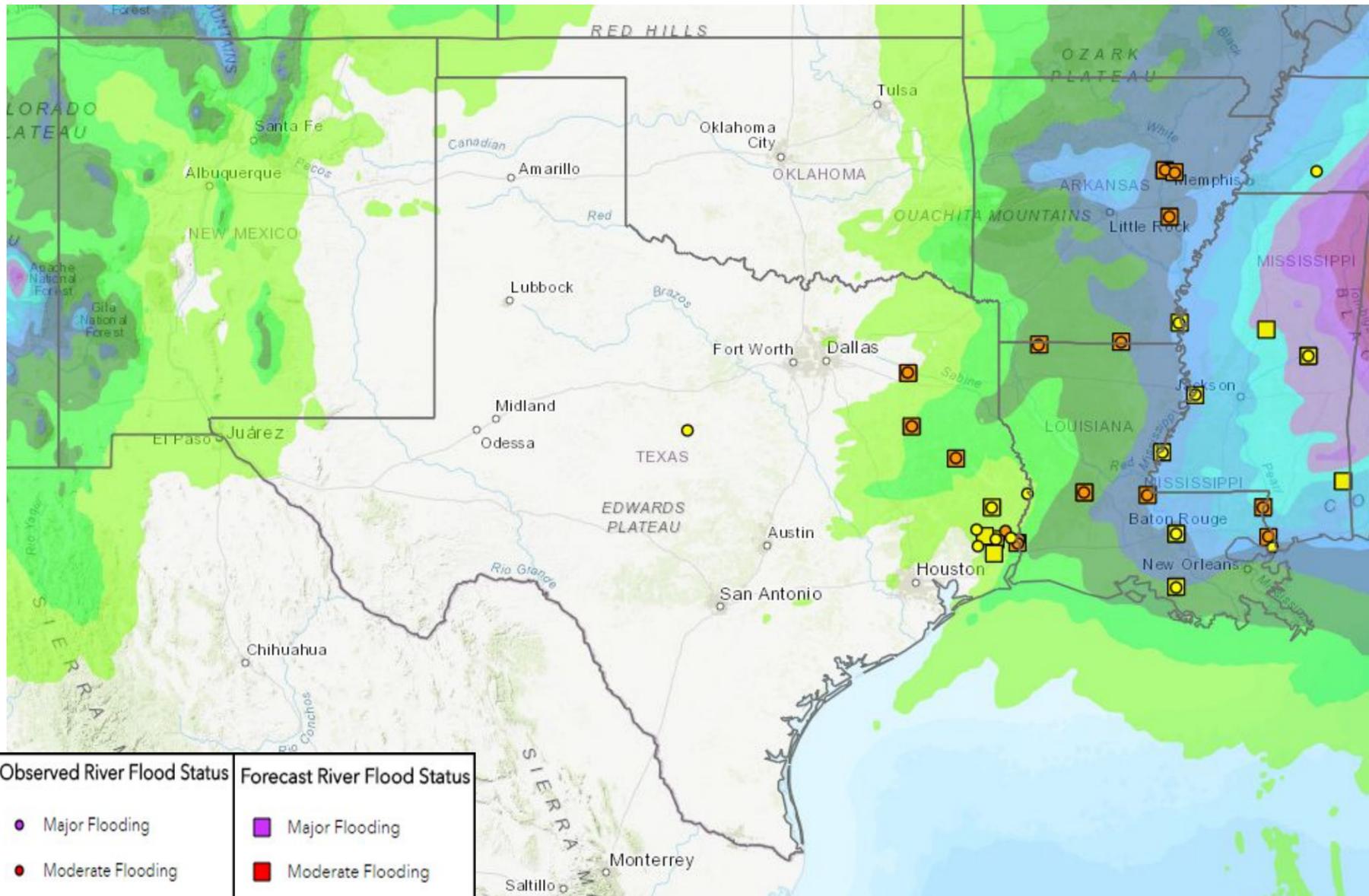
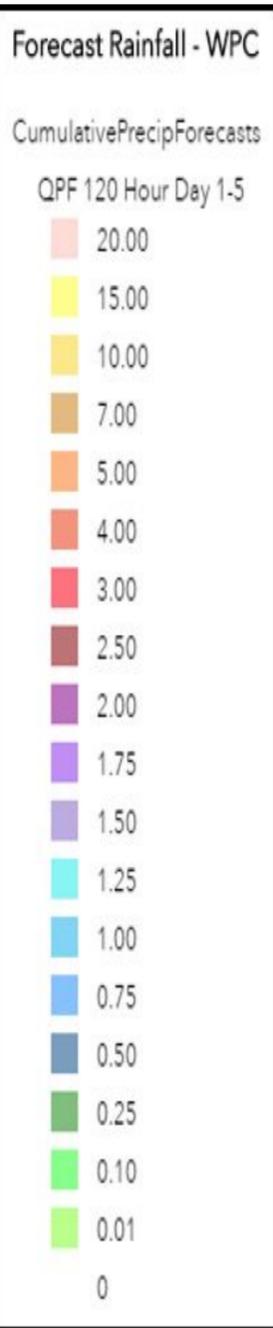
**Threat levels are based on FEMA Region 4 criteria. State or local threat level criteria may differ.*
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

Risk Levels	Little to None	Minor	Moderate	Major	Extreme
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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



Observed River Flood Status	Forecast River Flood Status
Major Flooding	Major Flooding
Moderate Flooding	Moderate Flooding
Minor Flooding	Minor Flooding
Near	Near Flood
action	No Flooding

Minor river flooding will continue in ETX, AR, LA through the week with flooding of low-lying pastures, swampland, and secondary roads.

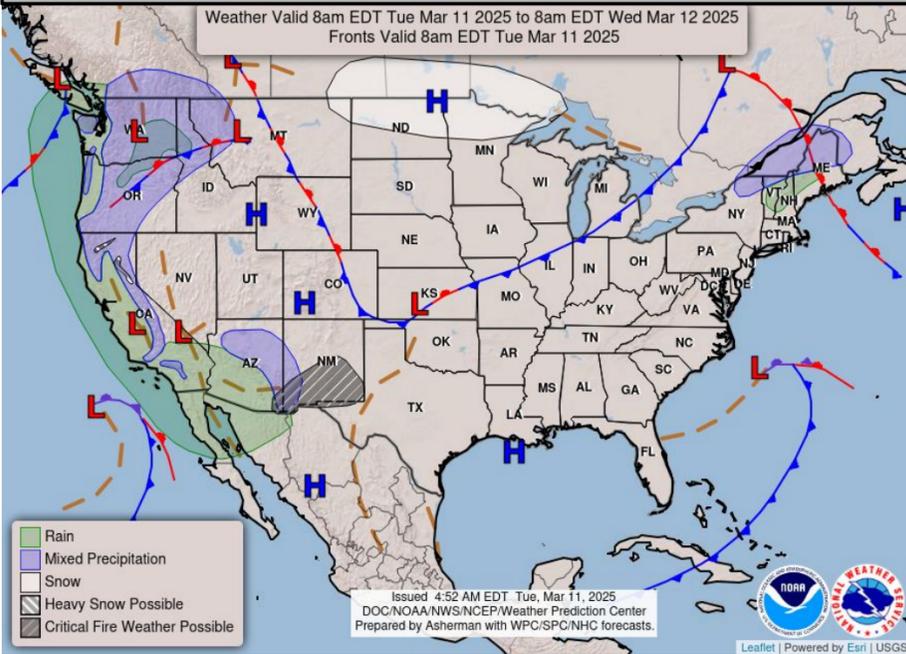
Note: Numerical levels (e.g. level 1 of 4) will not be assigned to riverine flooding due to the varying levels of impacts across flood categories.



Today's Weather

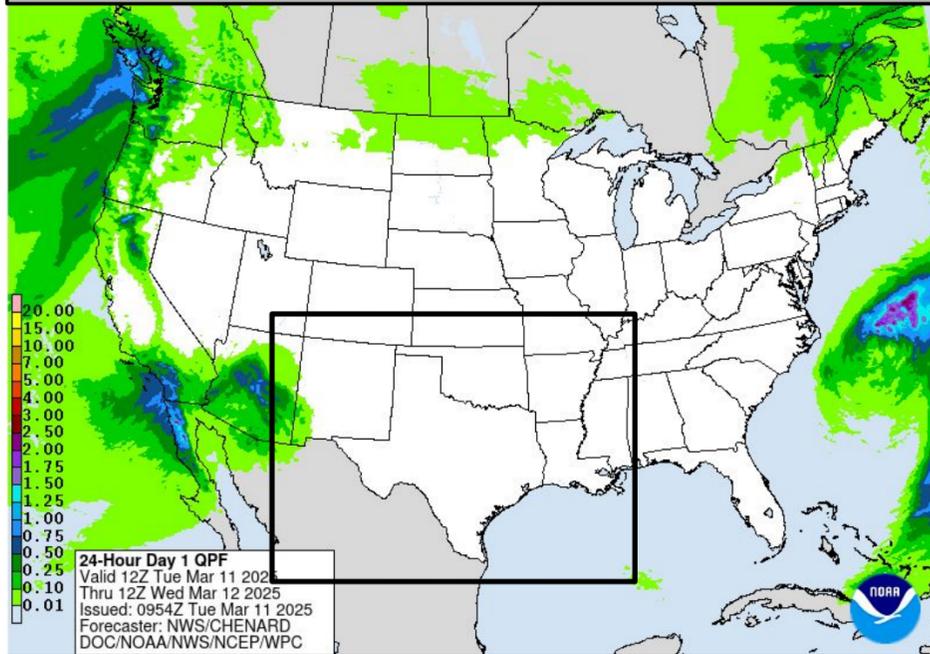
Forecast Chart

Weather Valid 8am EDT Tue Mar 11 2025 to 8am EDT Wed Mar 12 2025
Fronts Valid 8am EDT Tue Mar 11 2025



Issued 4:52 AM EDT Tue, Mar 11, 2025
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Asherman with WPC/SPC/NHC forecasts.

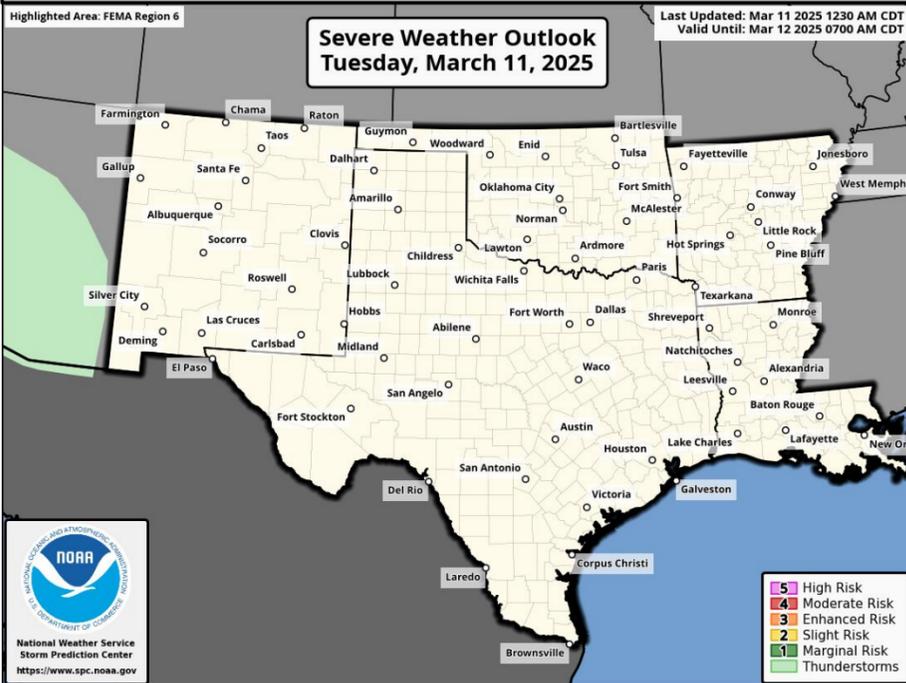
Forecast Rainfall



24-Hour Day 1 QPF
Valid 12Z Tue Mar 11 2025
Thru 12Z Wed Mar 12 2025
Issued: 0954Z Tue Mar 11 2025
Forecaster: NWS/CHENARD
DOC/NOAA/NWS/NCEP/WPC

Critical (level 2 of 3) fire weather concerns for S NM, W TX.

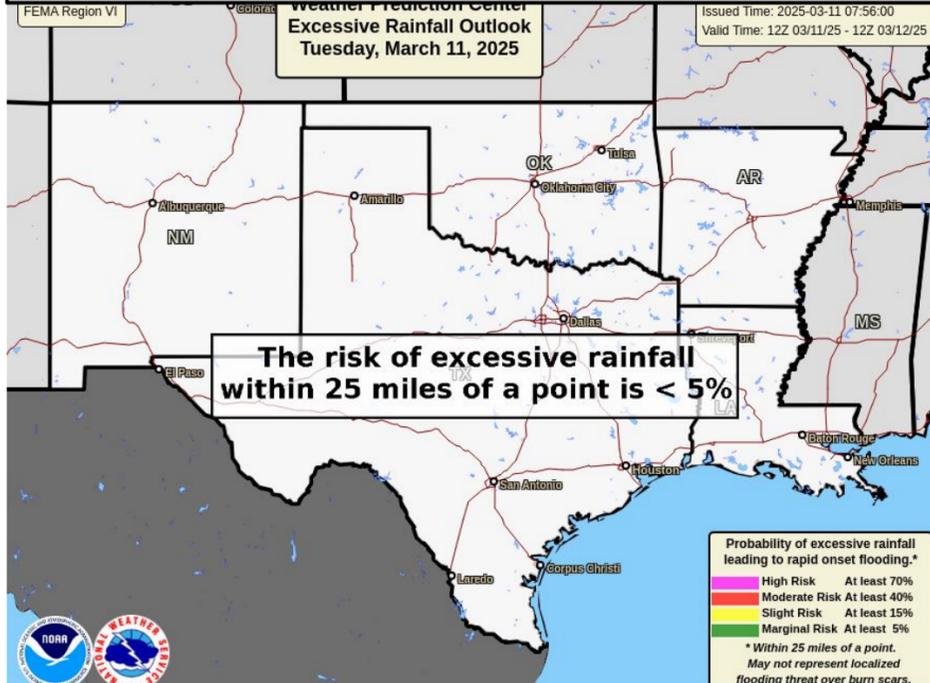
Severe Weather Outlook



Highlighted Area: FEMA Region 6
**Severe Weather Outlook
Tuesday, March 11, 2025**
Last Updated: Mar 11 2025 1230 AM CDT
Valid Until: Mar 12 2025 0700 AM CDT

- 5 High Risk
- 4 Moderate Risk
- 3 Enhanced Risk
- 2 Slight Risk
- 1 Marginal Risk
- Thunderstorms

Excessive Rainfall Outlook

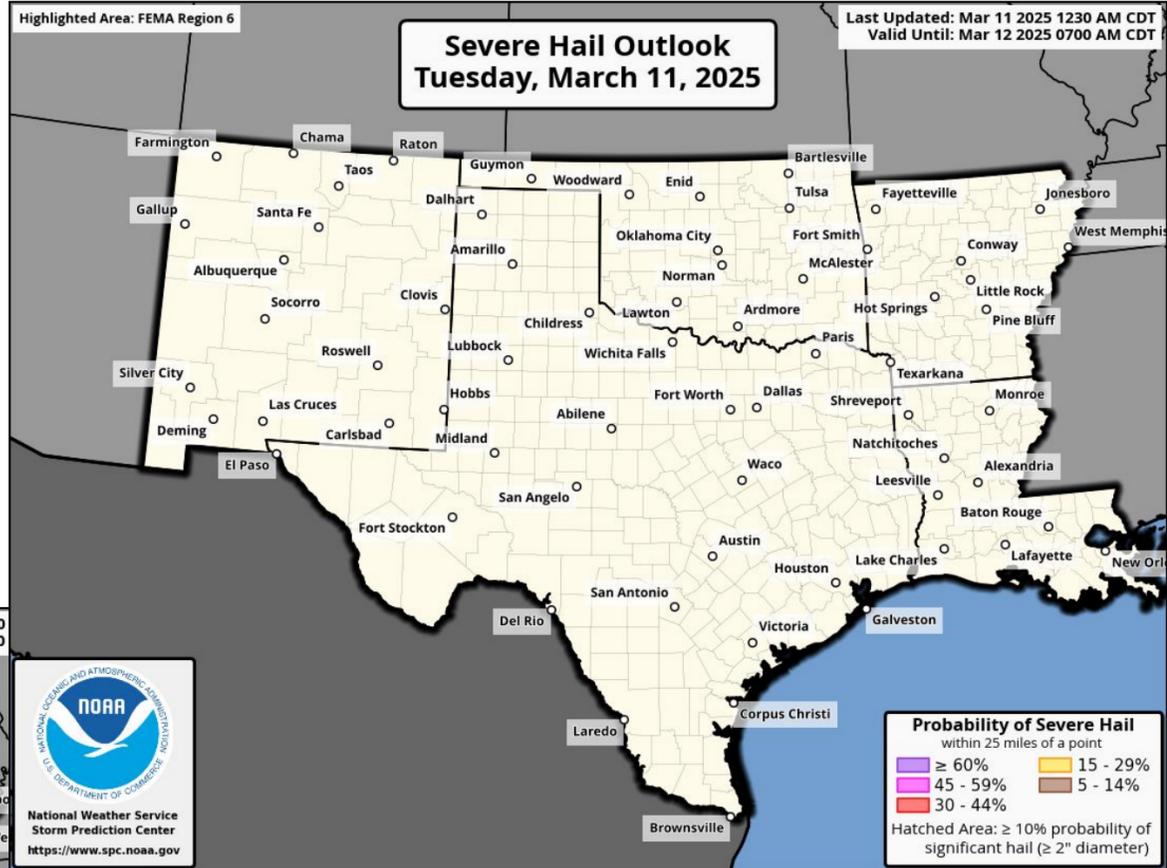
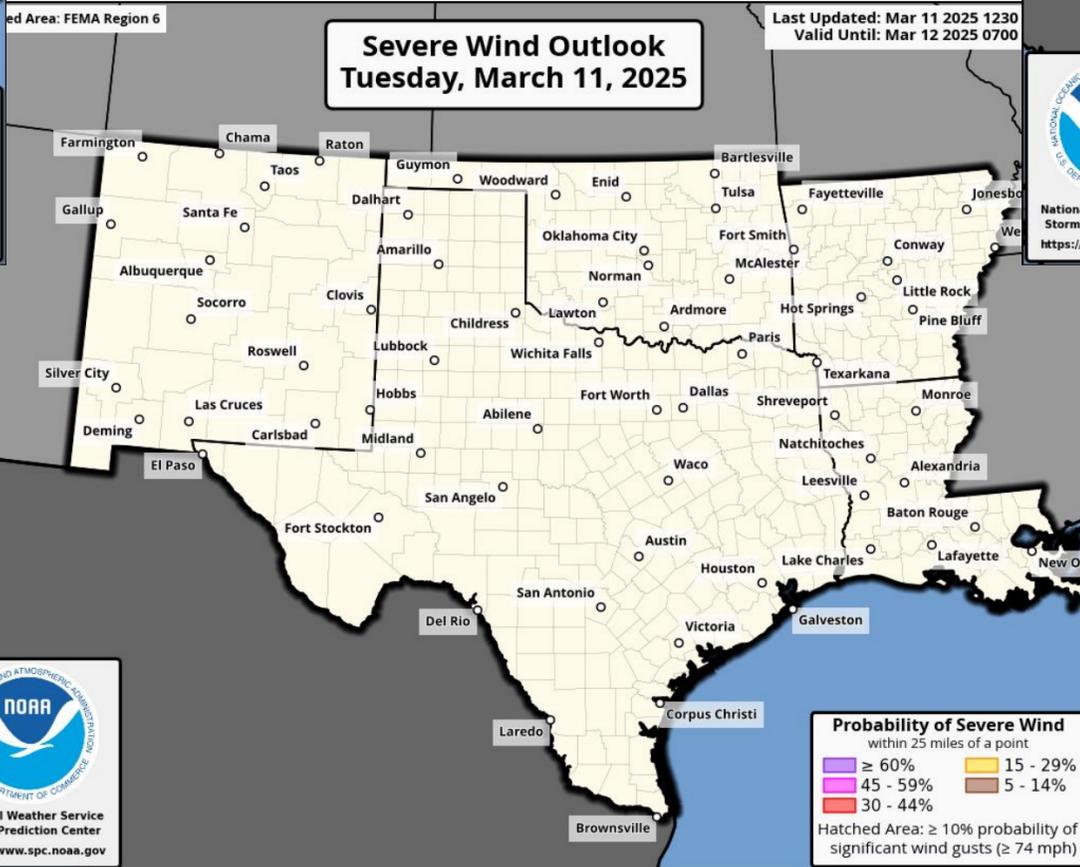
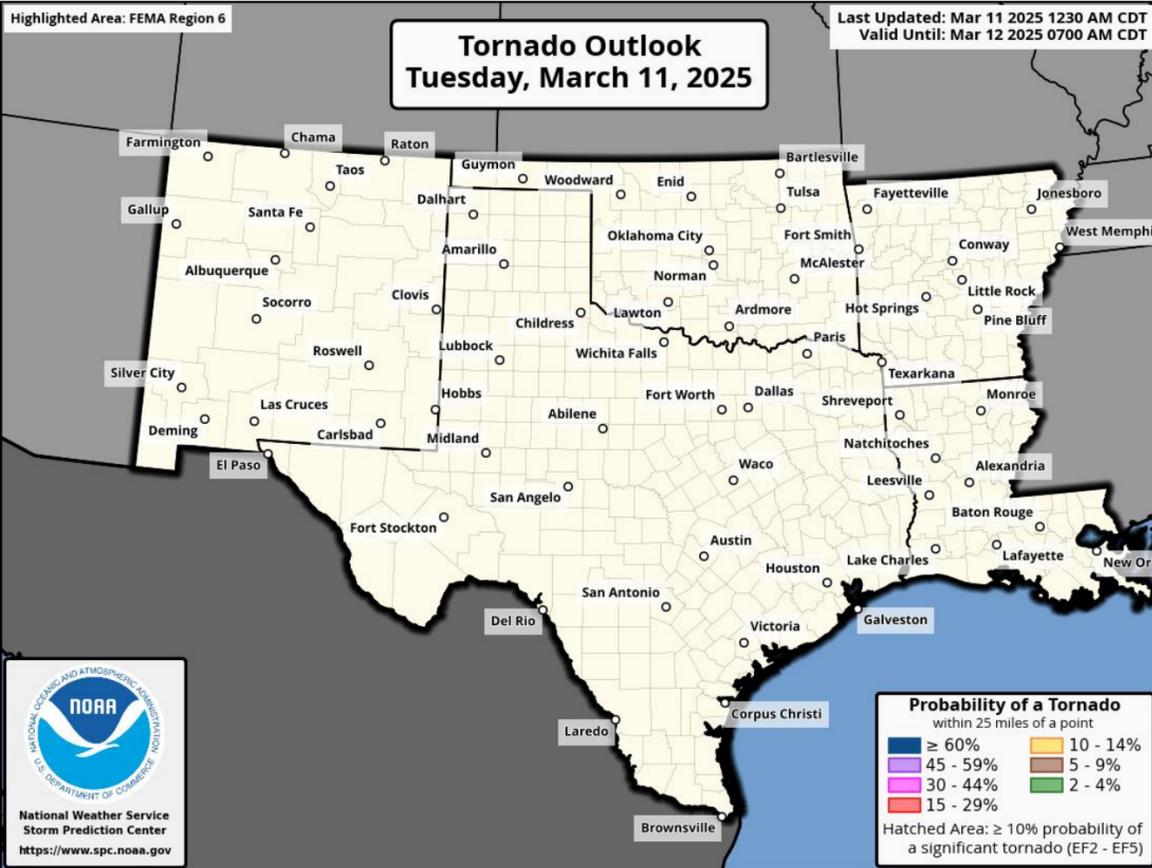


The risk of excessive rainfall within 25 miles of a point is < 5%

- Probability of excessive rainfall leading to rapid onset flooding.*
- High Risk At least 70%
 - Moderate Risk At least 40%
 - Slight Risk At least 15%
 - Marginal Risk At least 5%
- * Within 25 miles of a point.
May not represent localized flooding threat over burn scars.

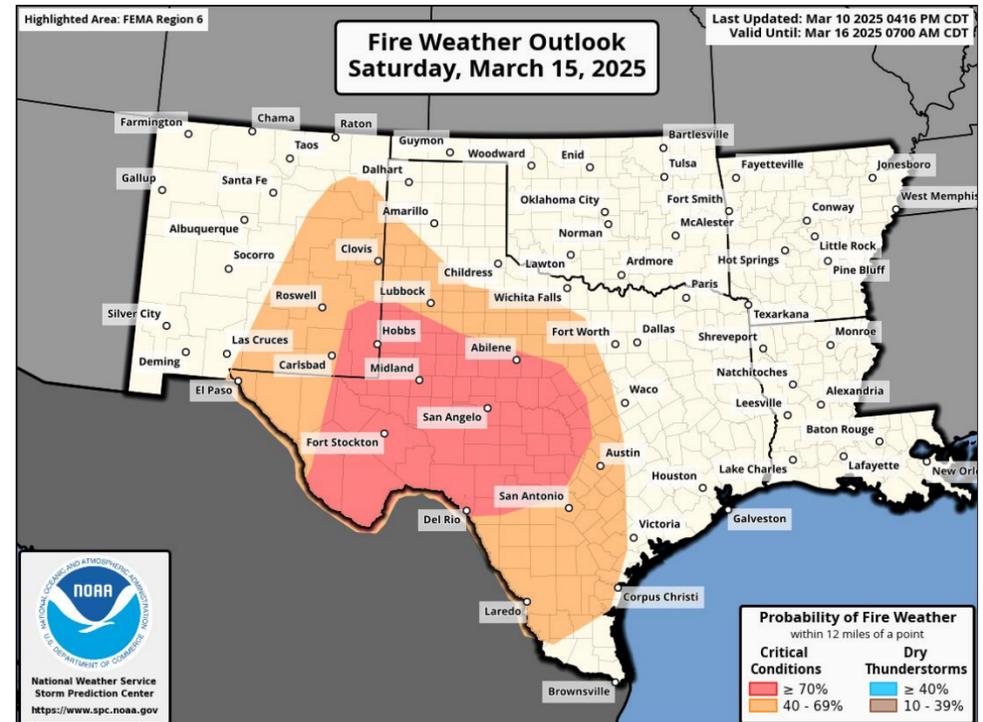
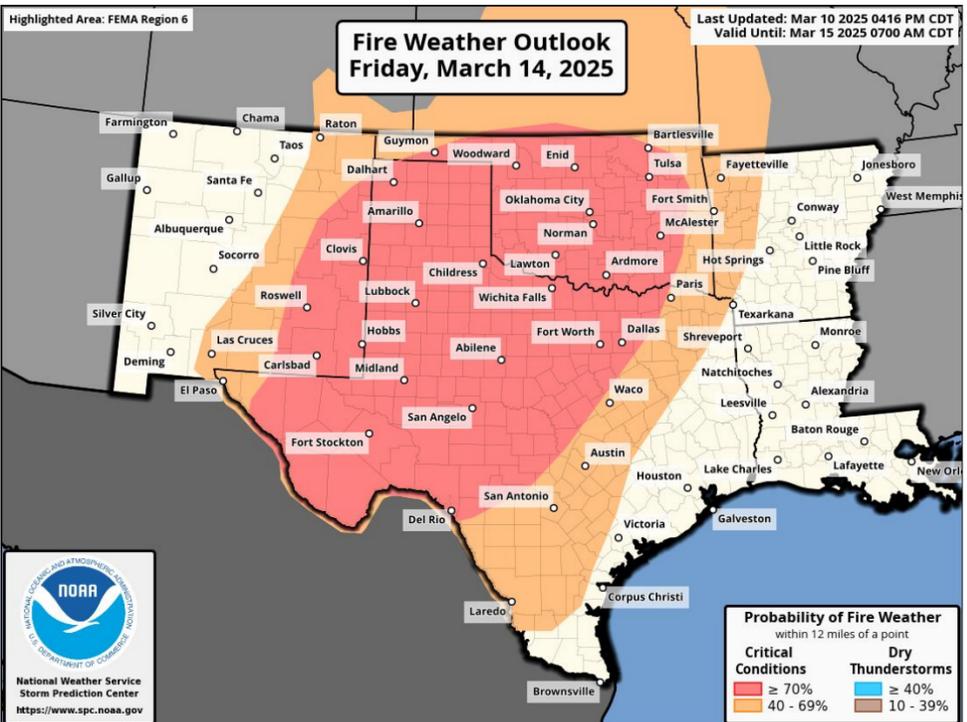
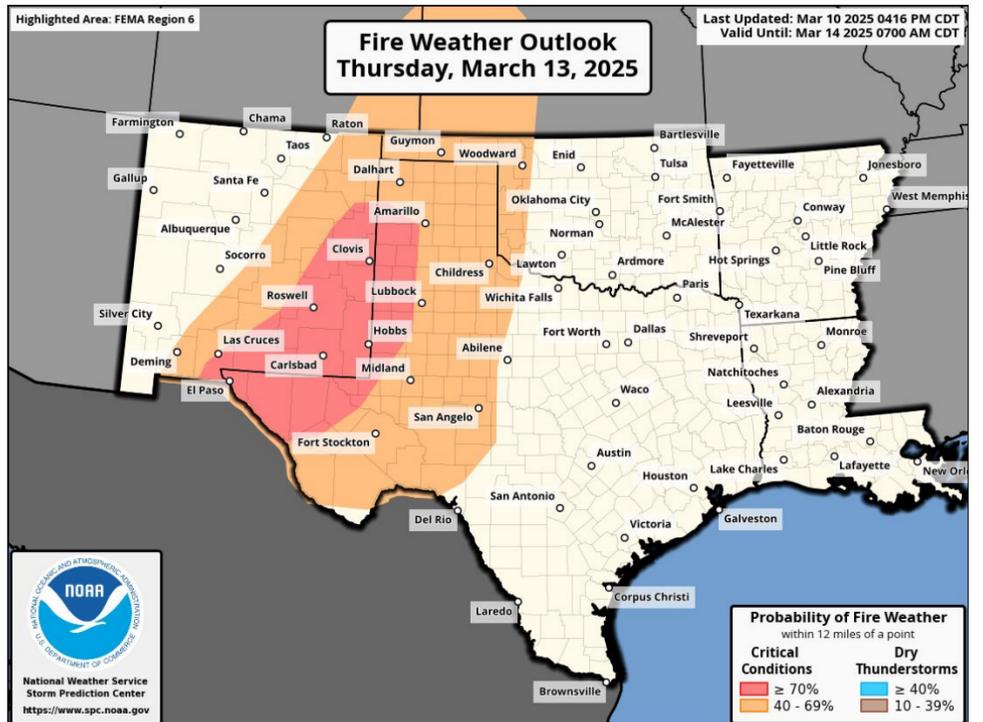
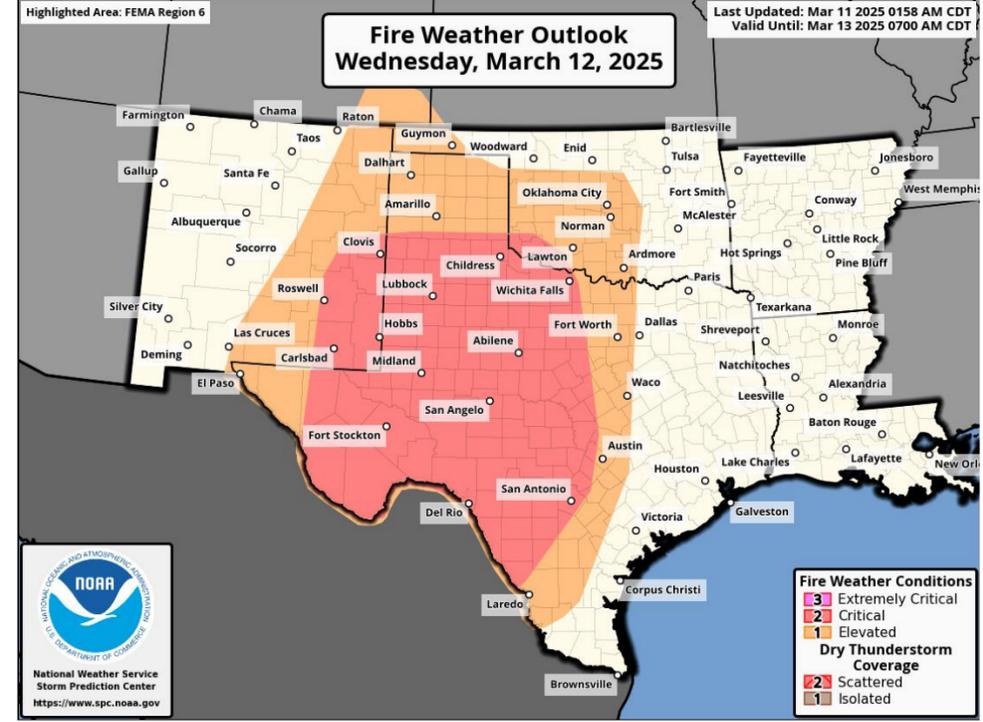
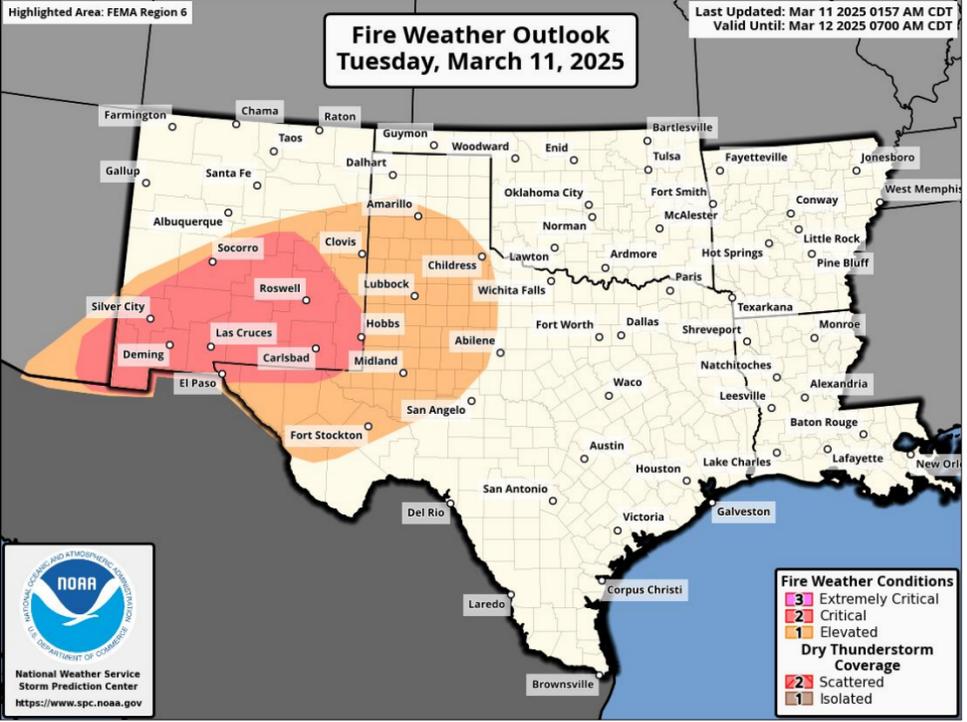
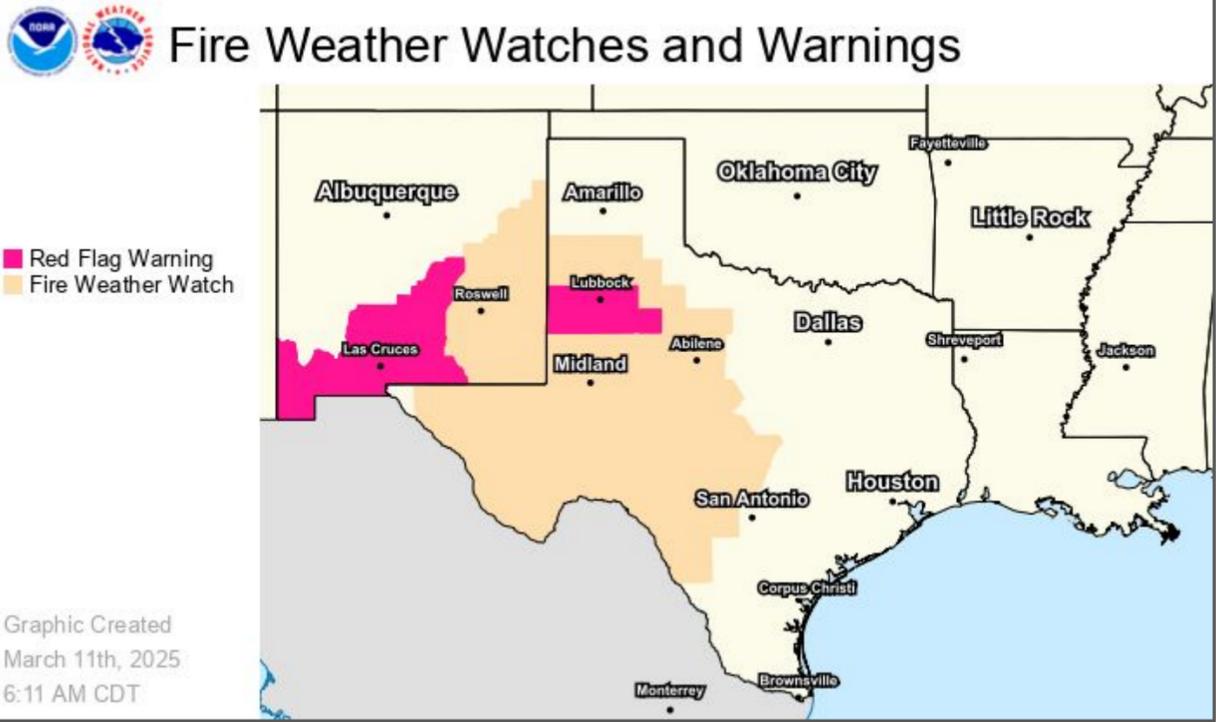


Today's Tornado & Severe Wind / Hail Probabilities





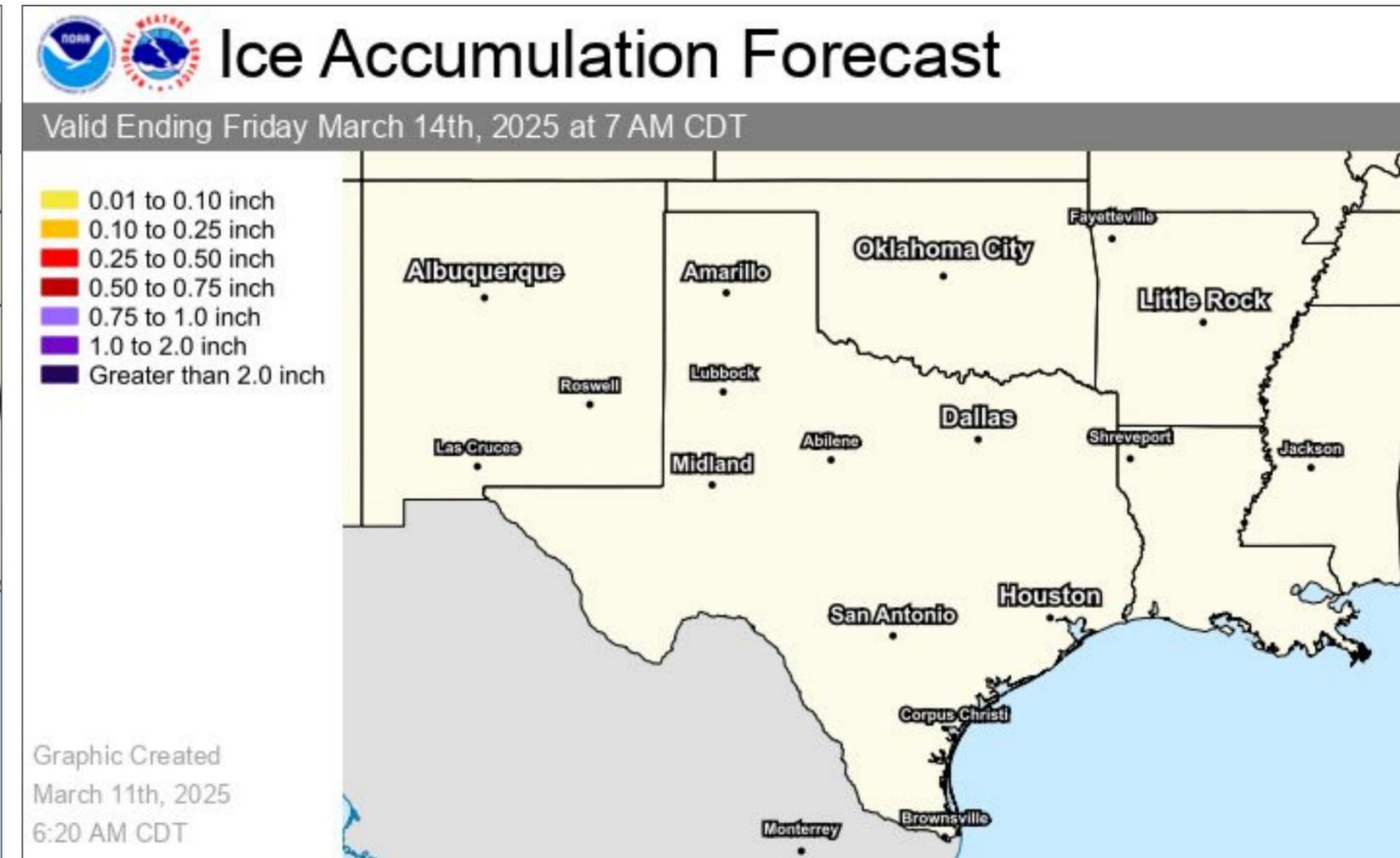
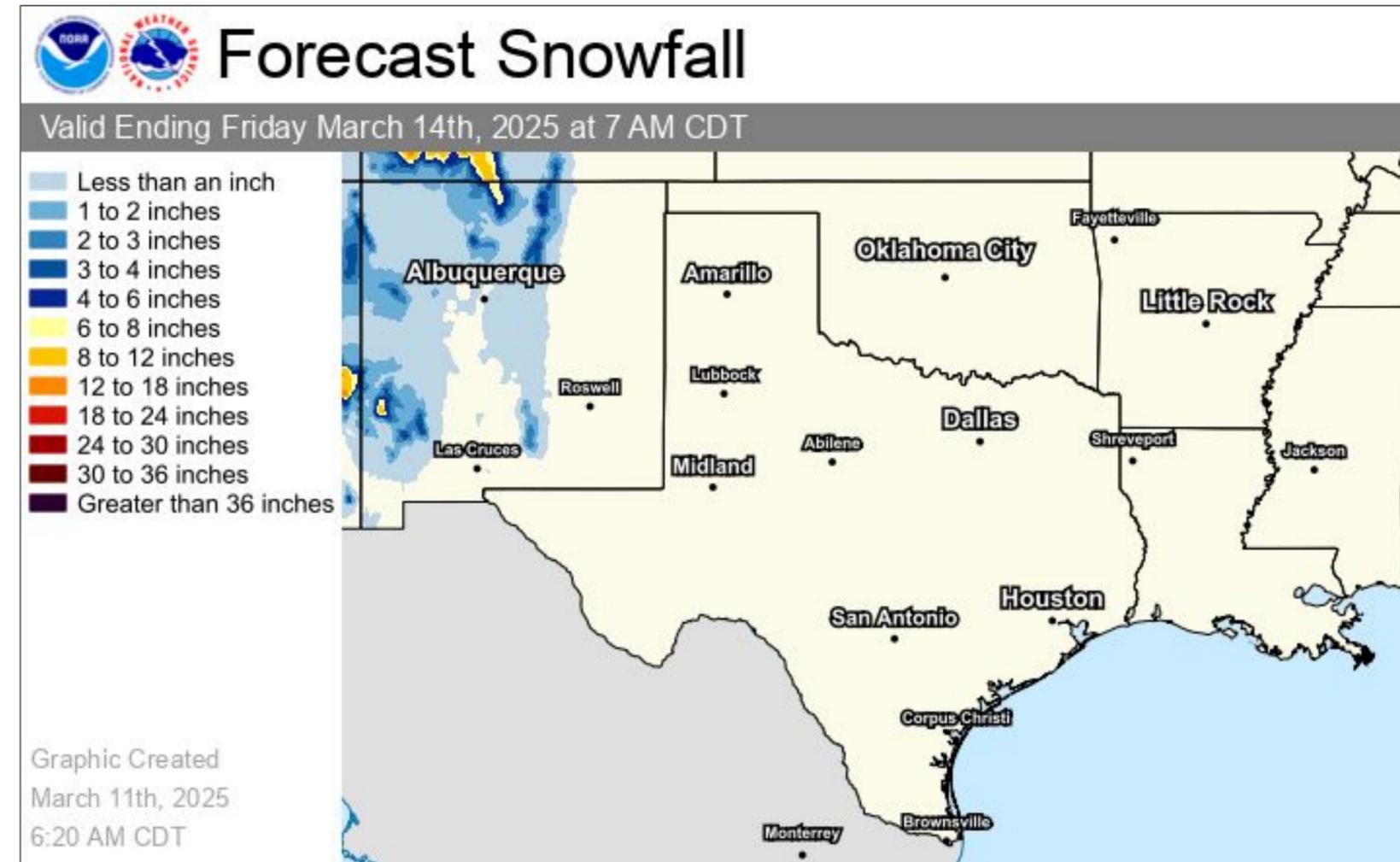
Fire Weather Outlooks





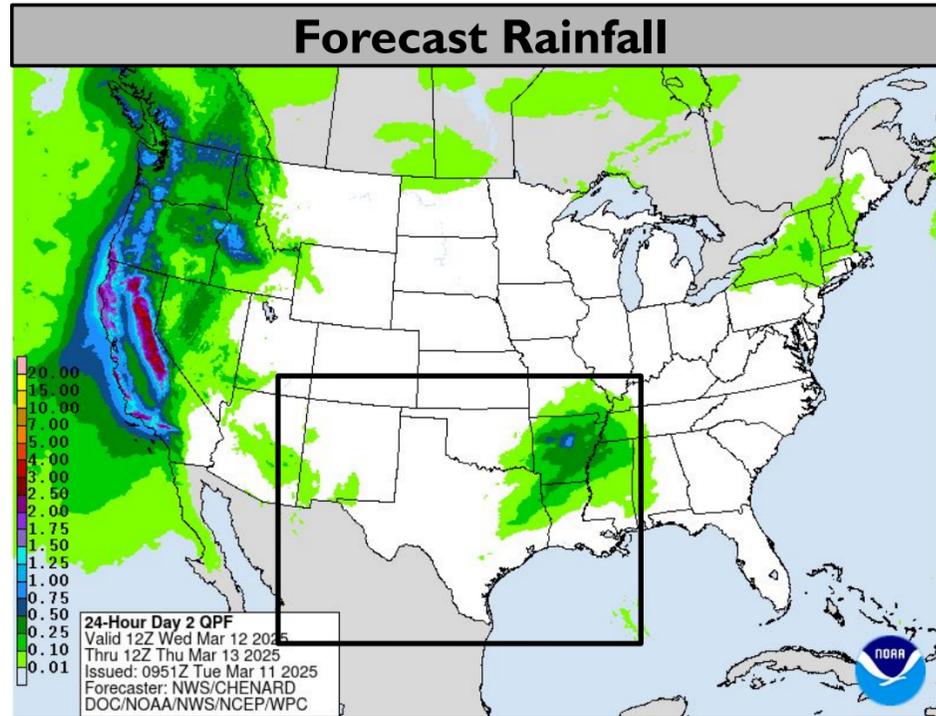
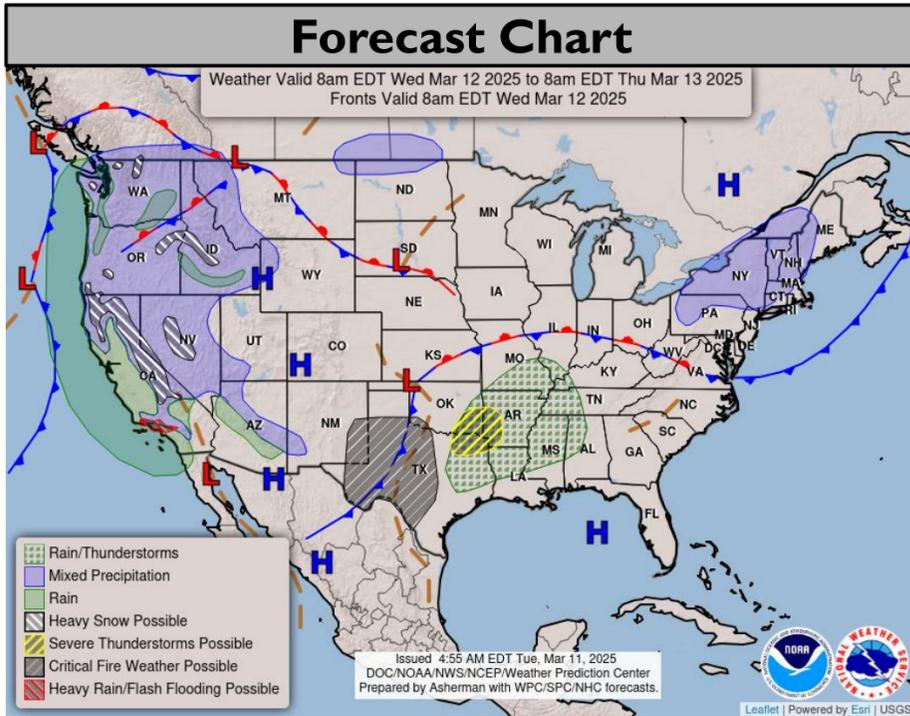
Winter Weather

Through the next 3 days



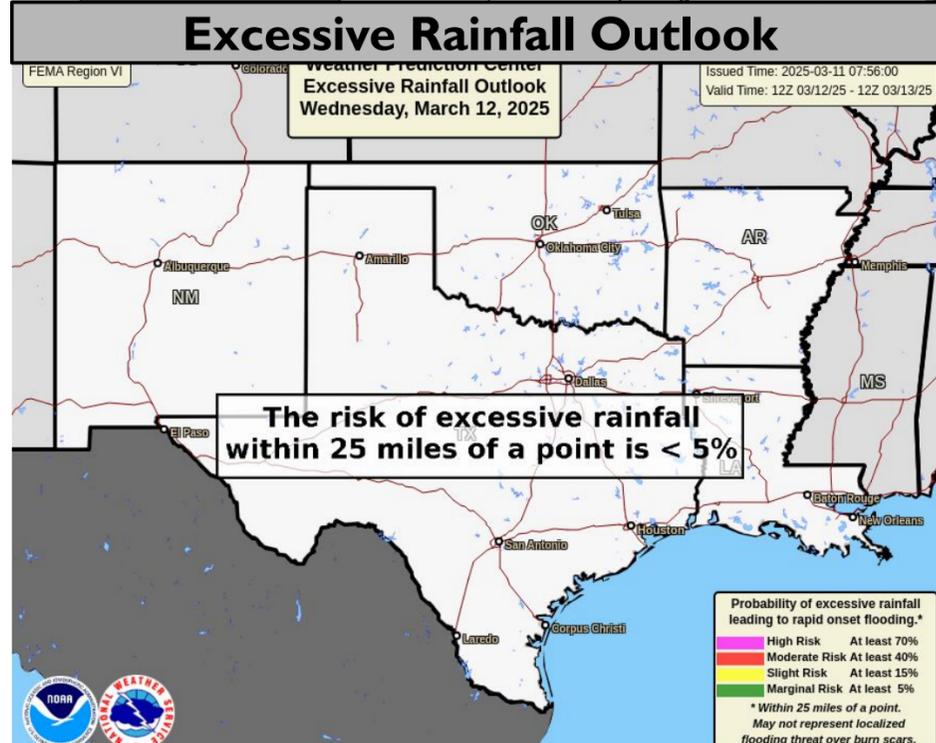
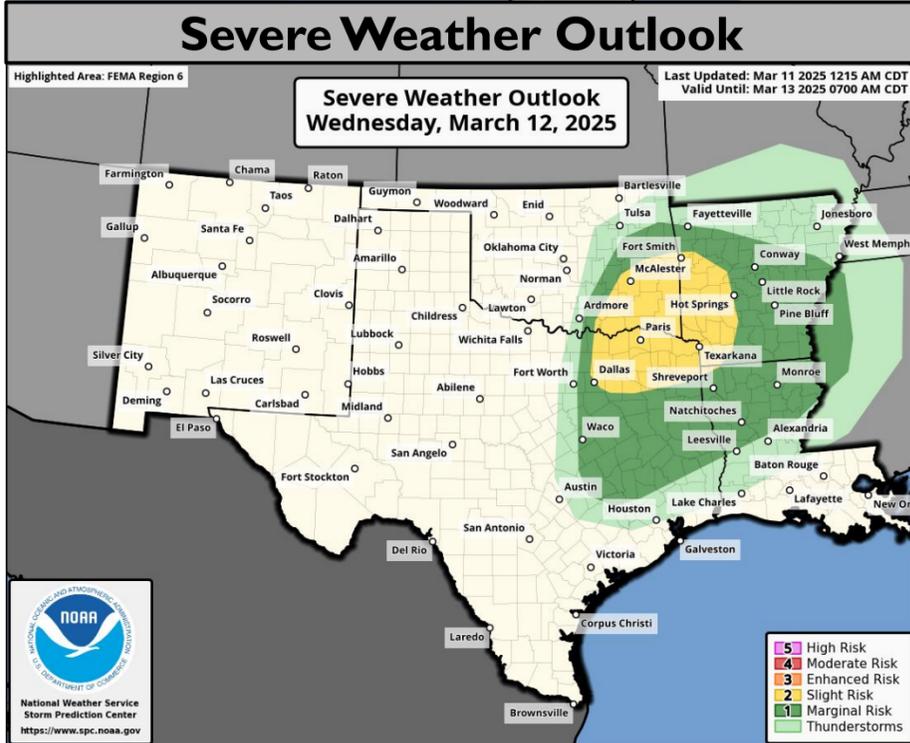


Tomorrow's Weather



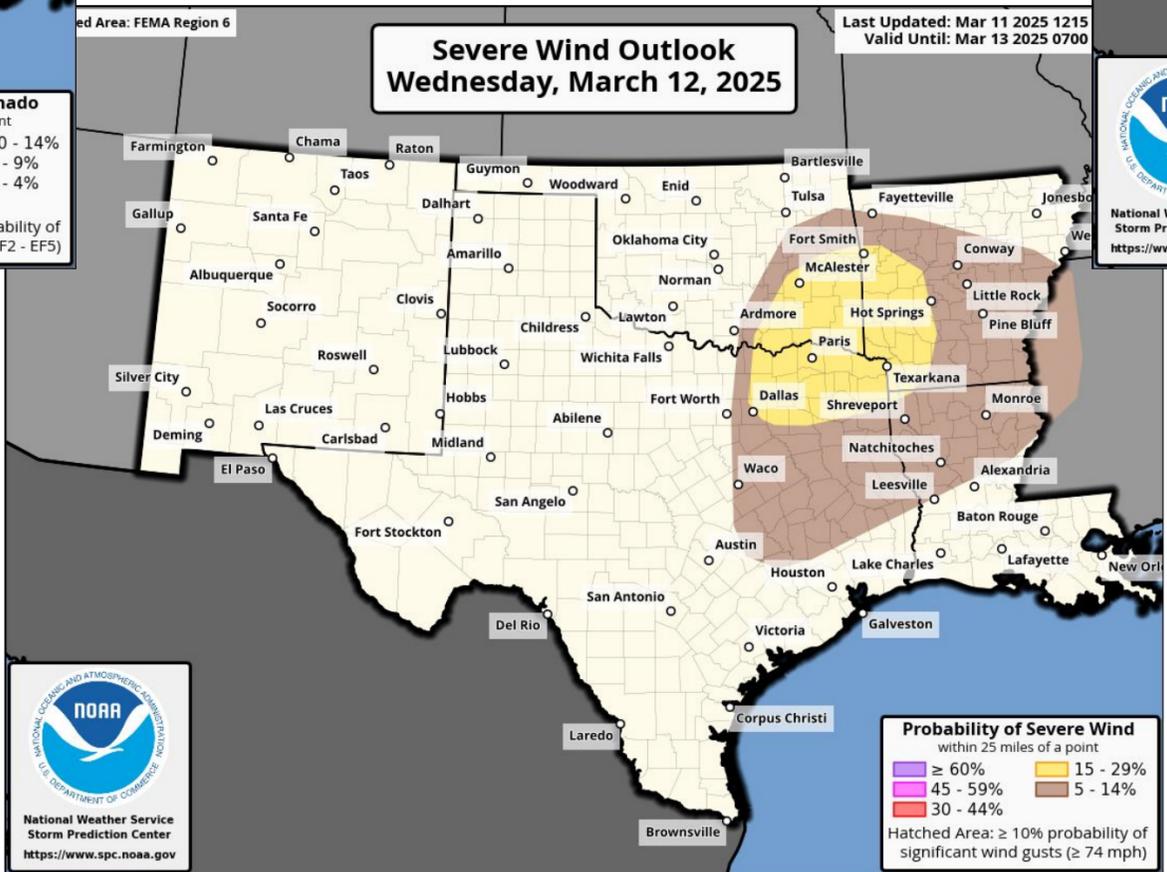
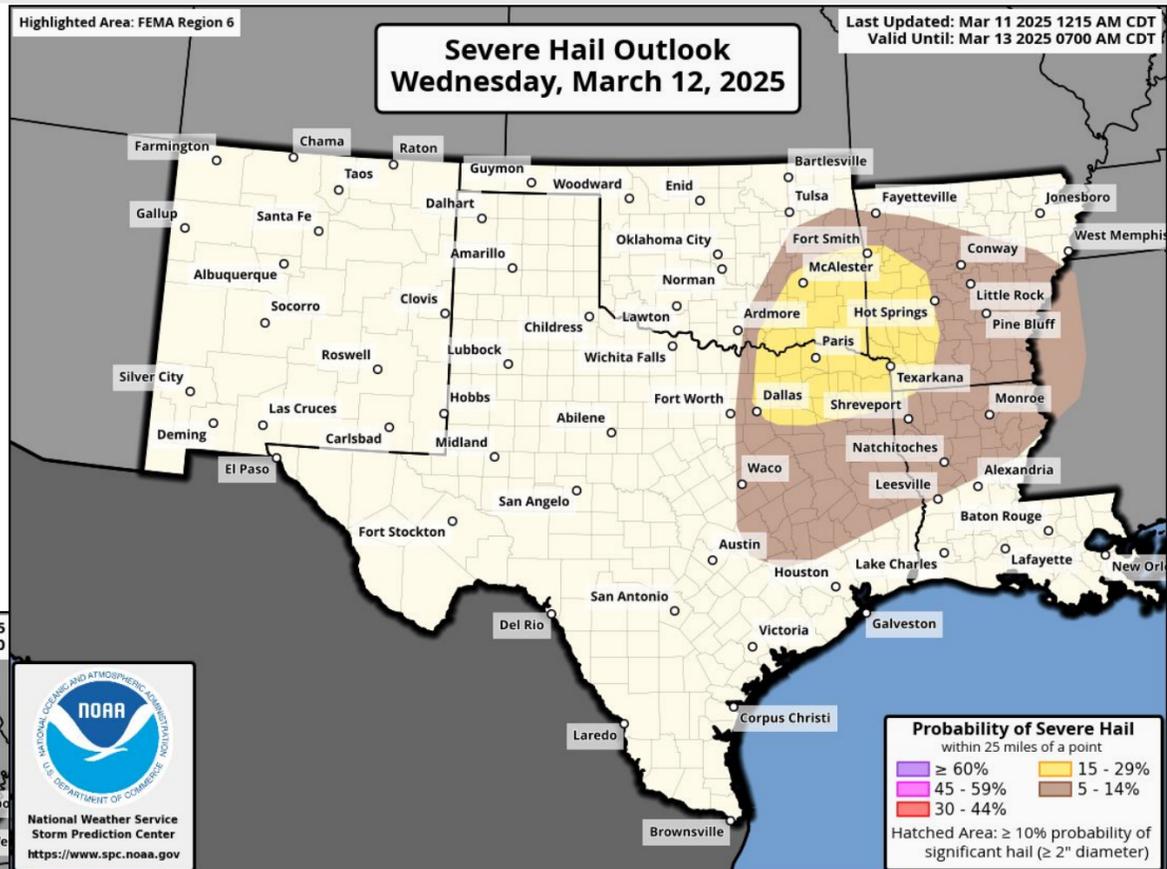
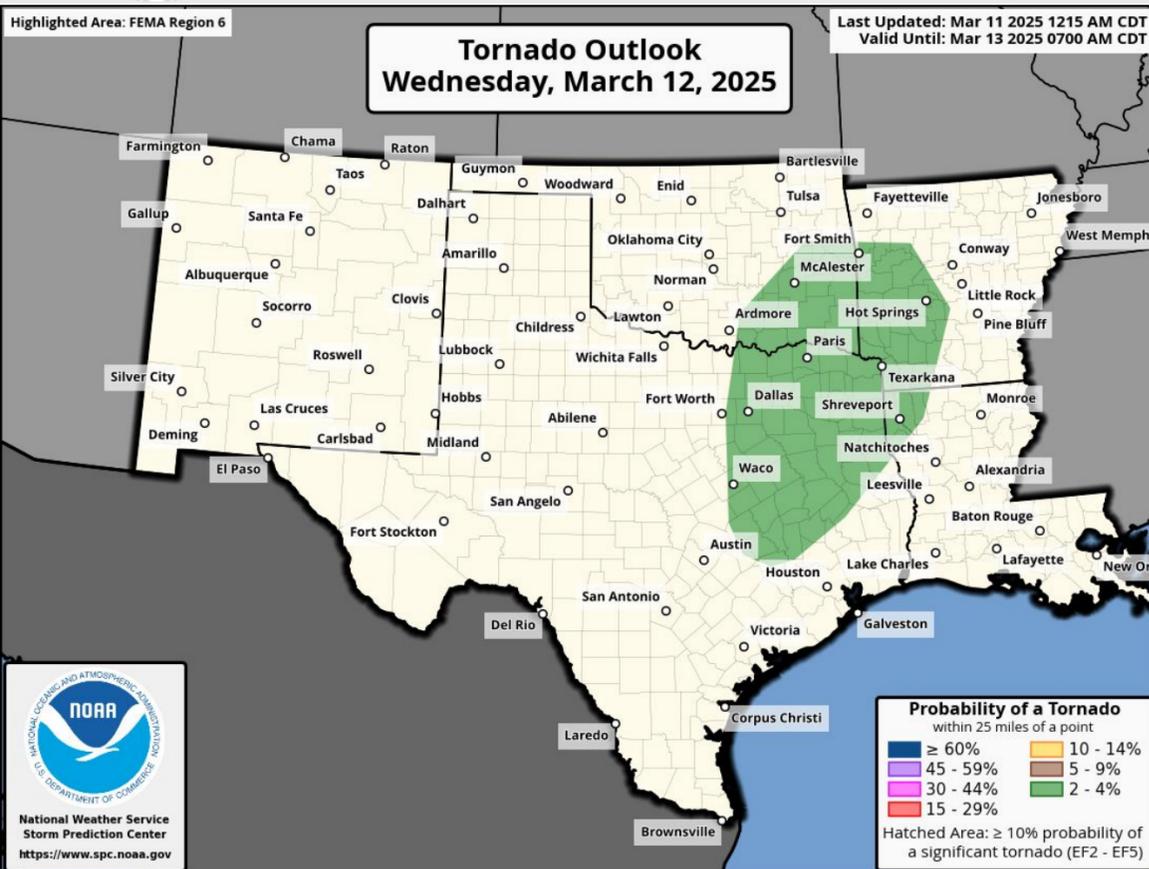
Elevated to critical (levels 1-2 of 3) fire weather concerns for NM, W/CTX.

Slight risk (level 2 of 5) for severe storms in NE TX, SE OK, W AR.



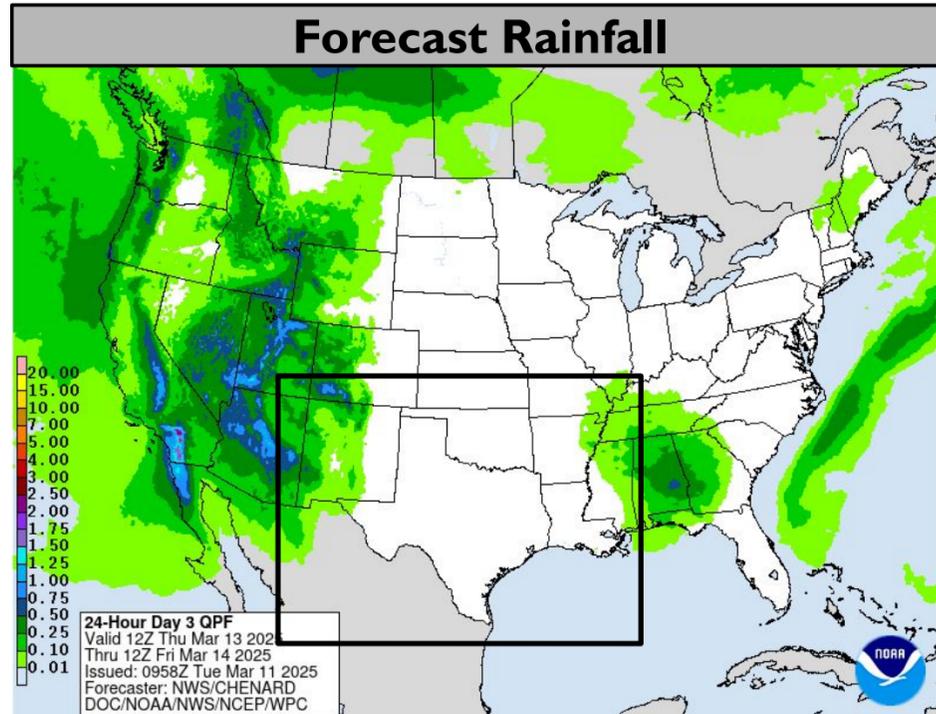
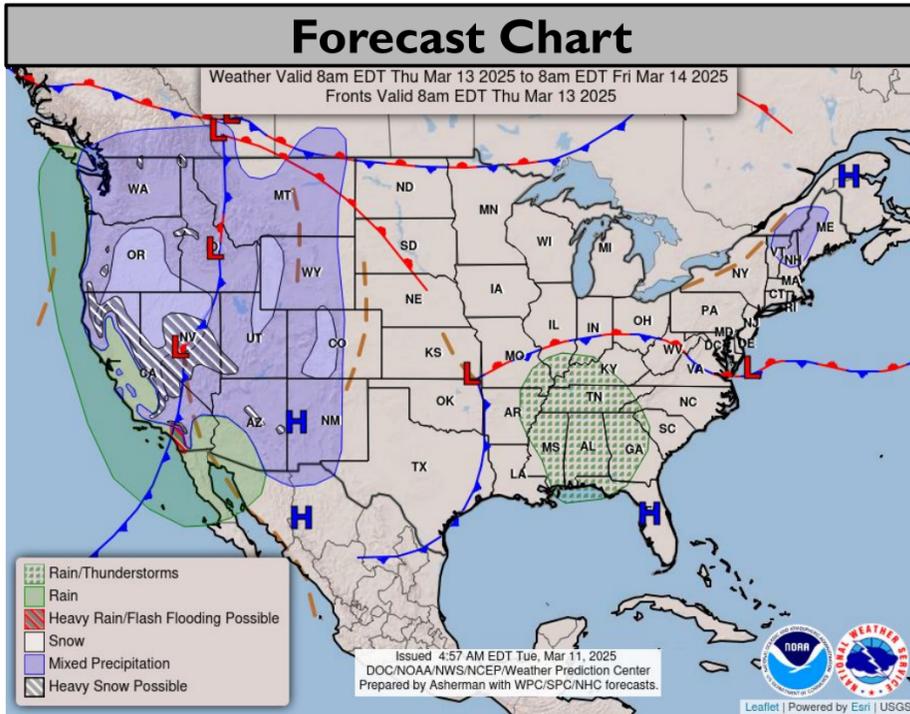


Tomorrow's Tornado & Severe Wind / Hail Probabilities



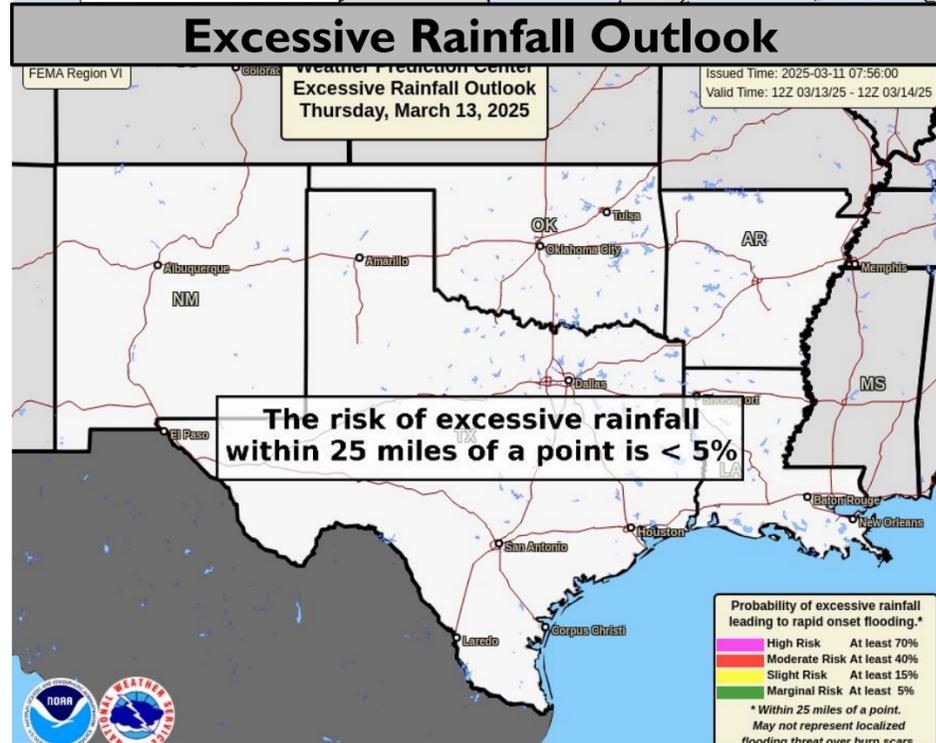
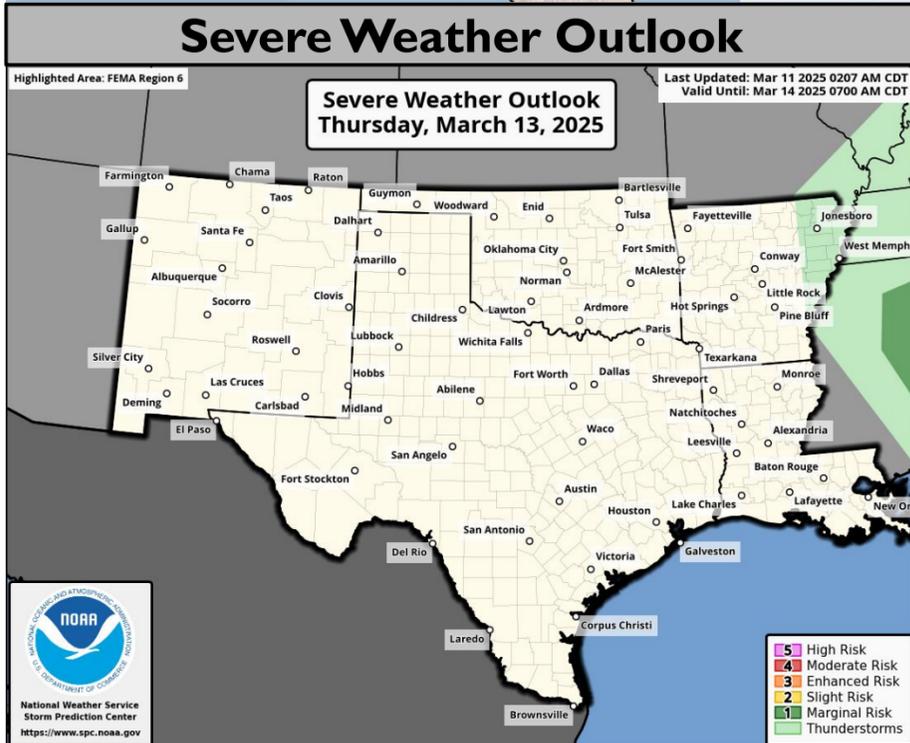


Thursday's Weather



Elevated to critical (levels 1-2 of 3) fire weather concerns NM, W TX, TX/OK Panhandle.

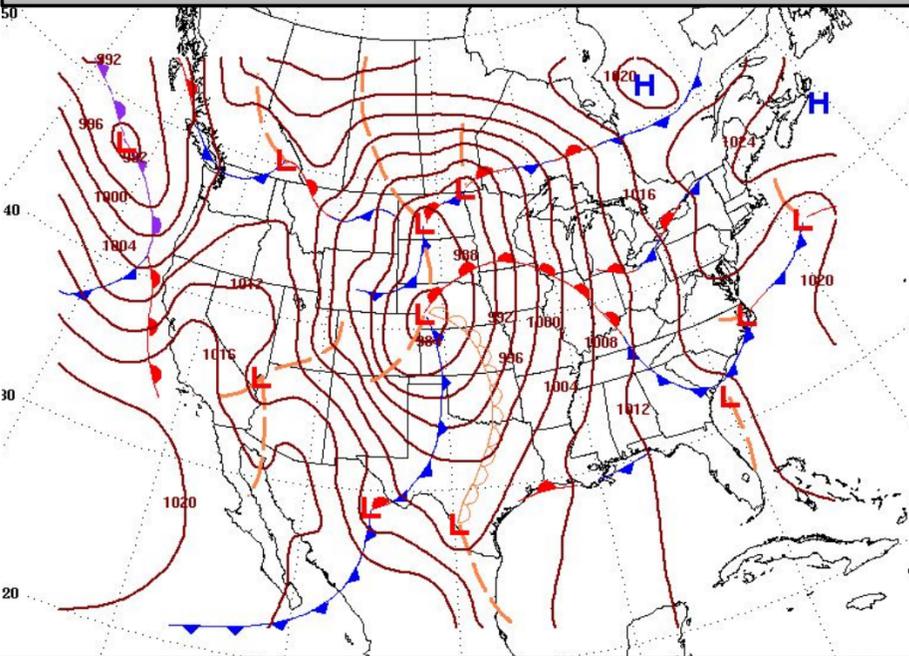
Minor impacts (level 2 of 5) from winter weather due to snow in NM.



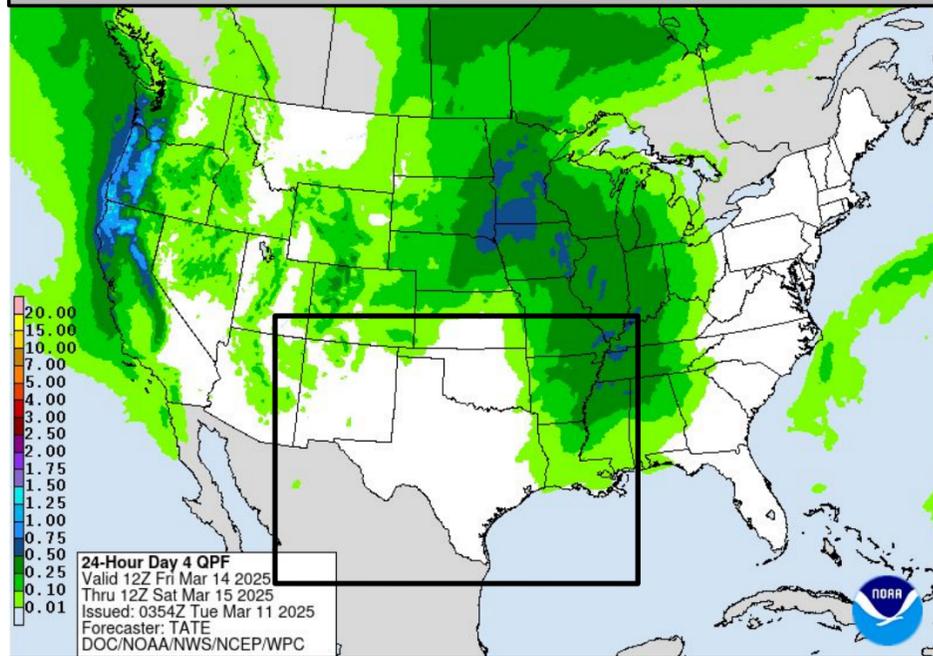


Friday's Weather

Forecast Chart



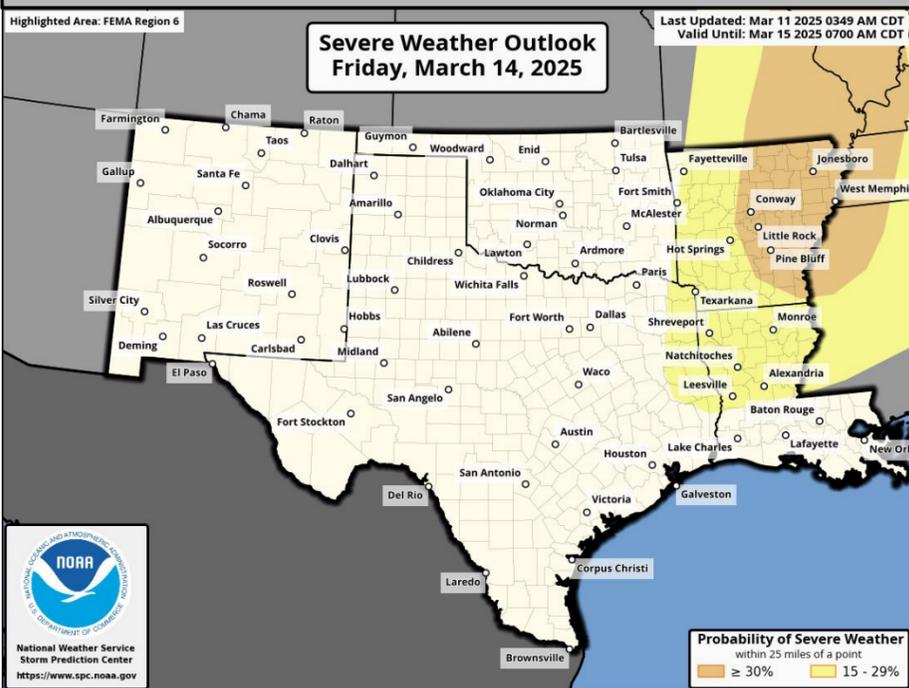
Forecast Rainfall



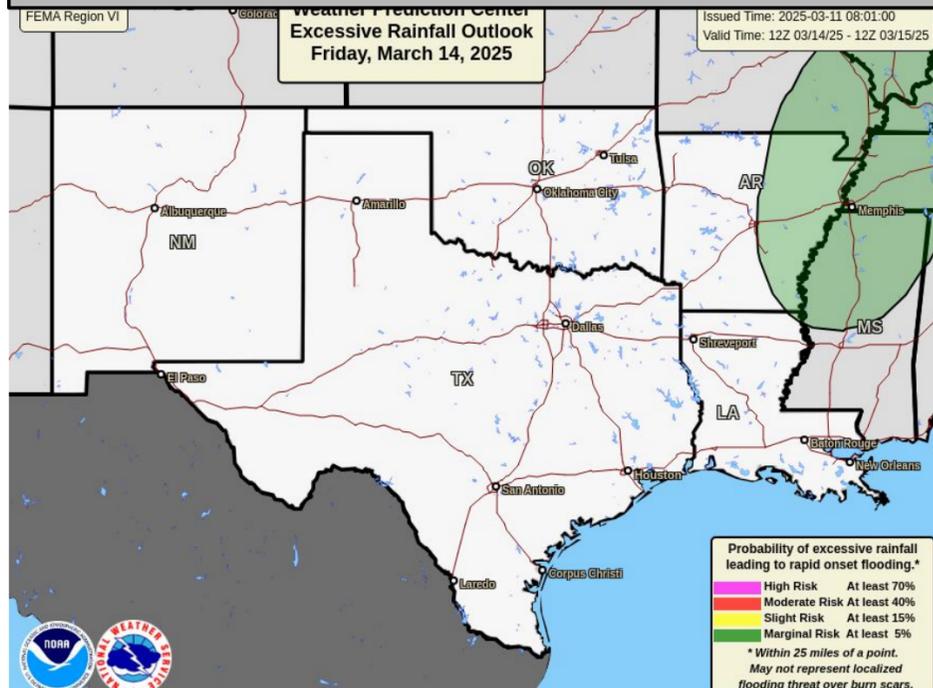
Slight to enhanced risk (levels 2-3 of 5) of severe storms for E TX, AR, and N LA.

Critical to extreme (levels 2-3 of 3) fire weather concerns for E NM, W/C/N TX, TX Panhandle, OK.

Severe Weather Outlook



Excessive Rainfall Outlook



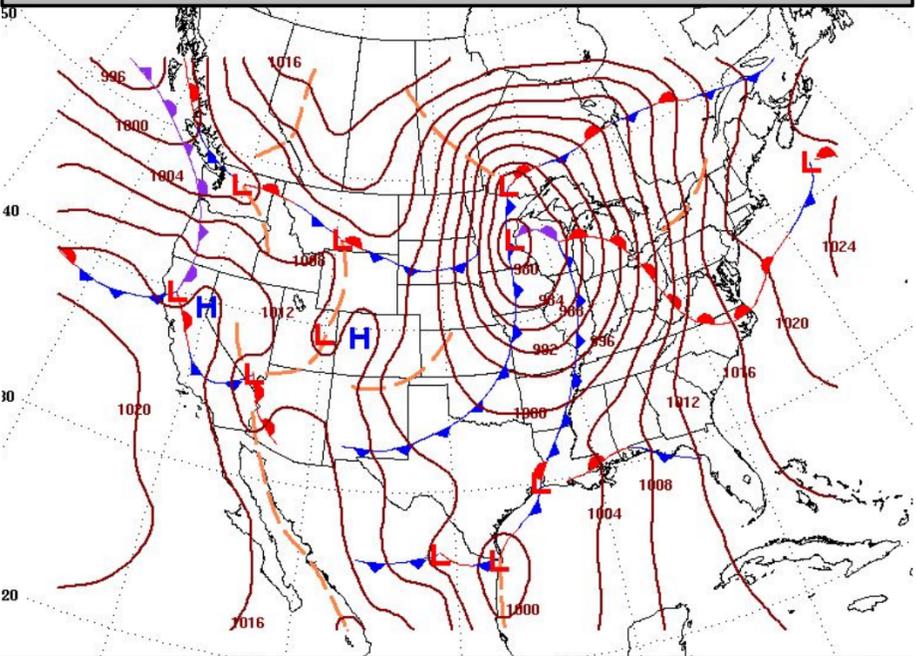
Minor impacts (level 2 of 5) from winter weather due to snow in NM. High winds may cause moderate impacts (level 3 of 5) due to blizzard like conditions.

Marginal risk (level 1 of 4) for heavy rainfall leading to flash flooding in E AR.

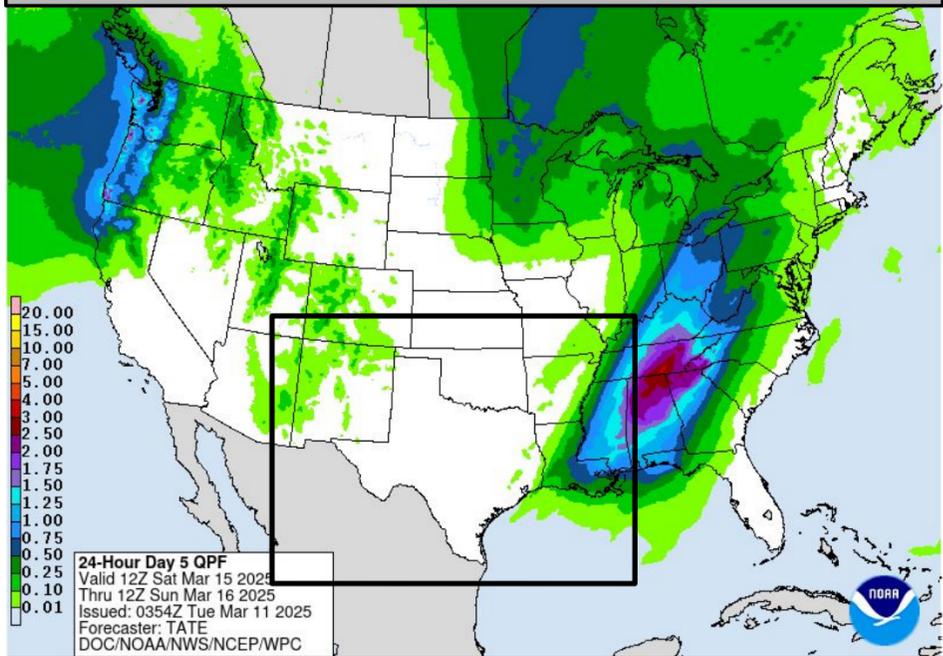


Saturday's Weather

Forecast Chart



Forecast Rainfall

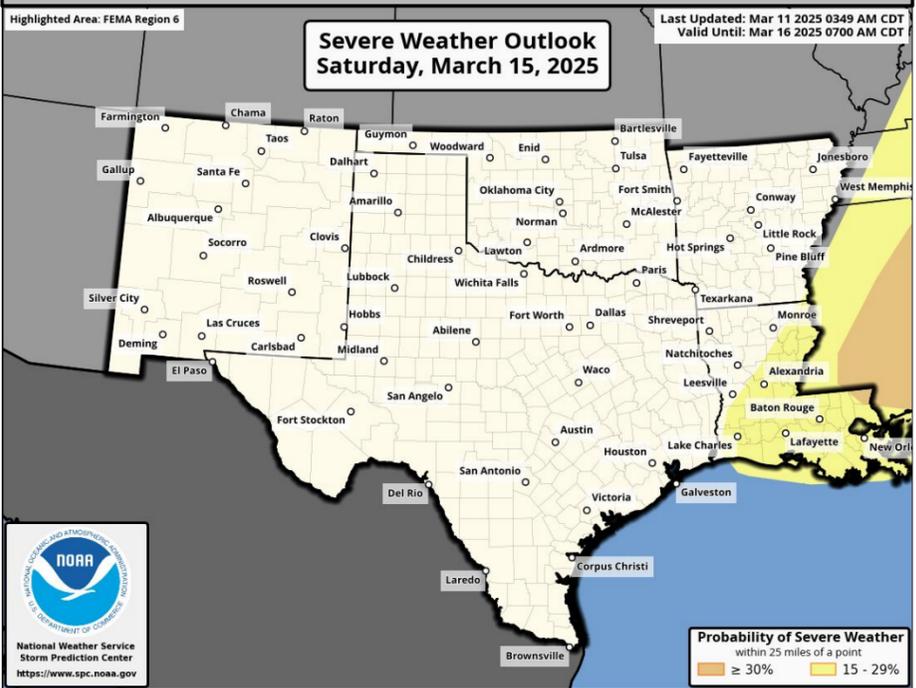


Slight risk (level 2 of 5) of severe storms in LA.

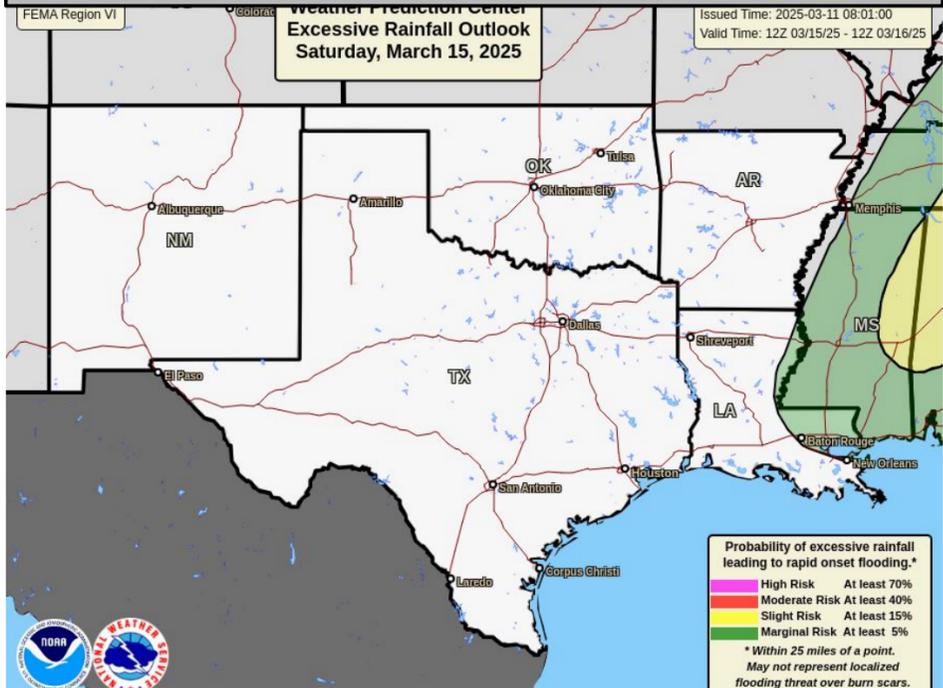
Elevated to critical (levels 1-2 of 3) fire weather concerns E NM, W/C/STX.

Marginal risk (level 1 of 4) for heavy rainfall leading to flash flooding in E LA.

Severe Weather Outlook



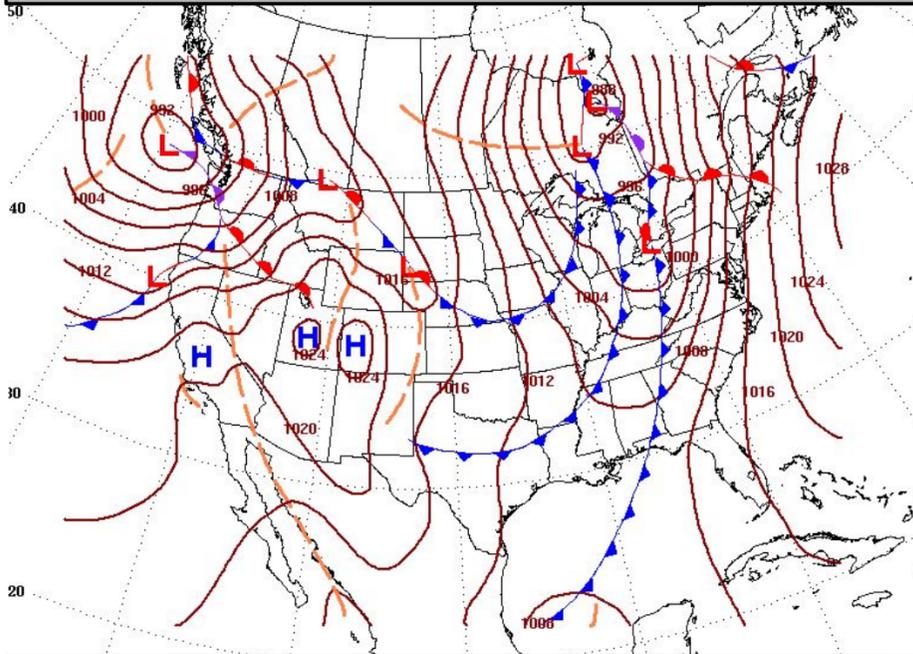
Excessive Rainfall Outlook



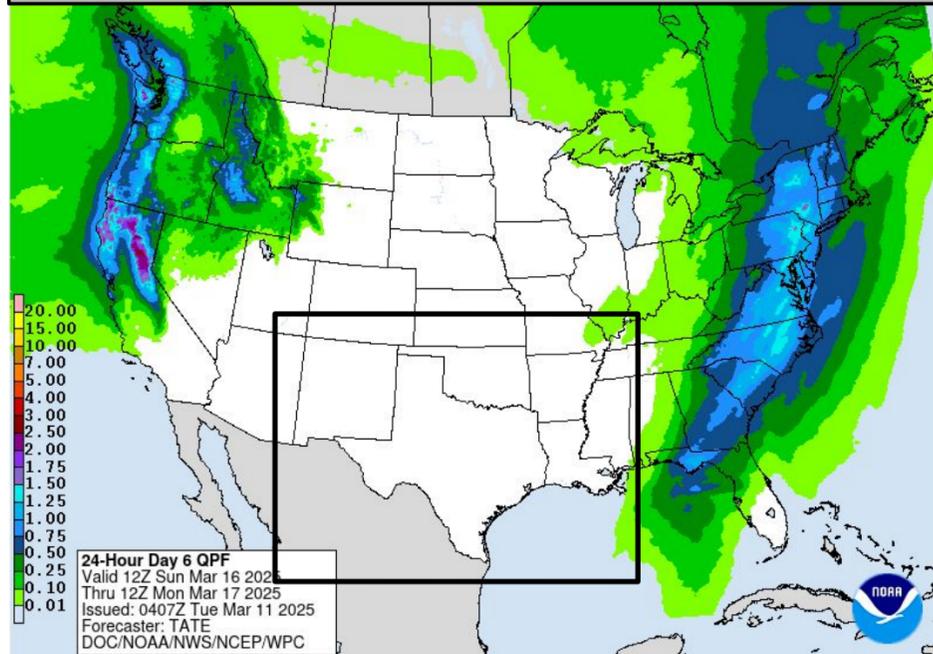


Sunday's Weather

Forecast Chart

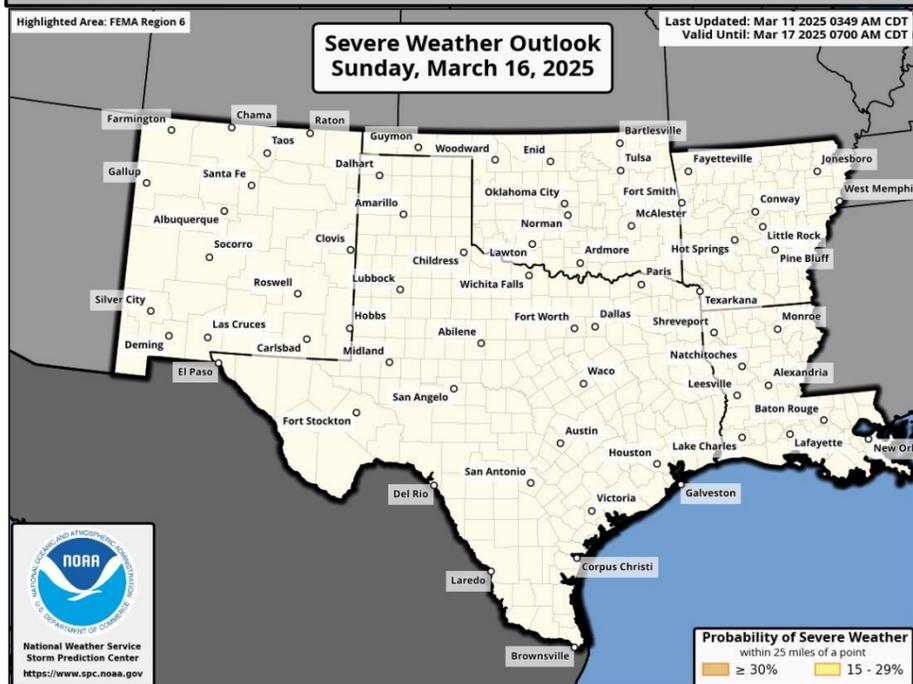


Forecast Rainfall



Elevated (level 1 of 3) fire weather conditions in S TX.

Severe Weather Outlook

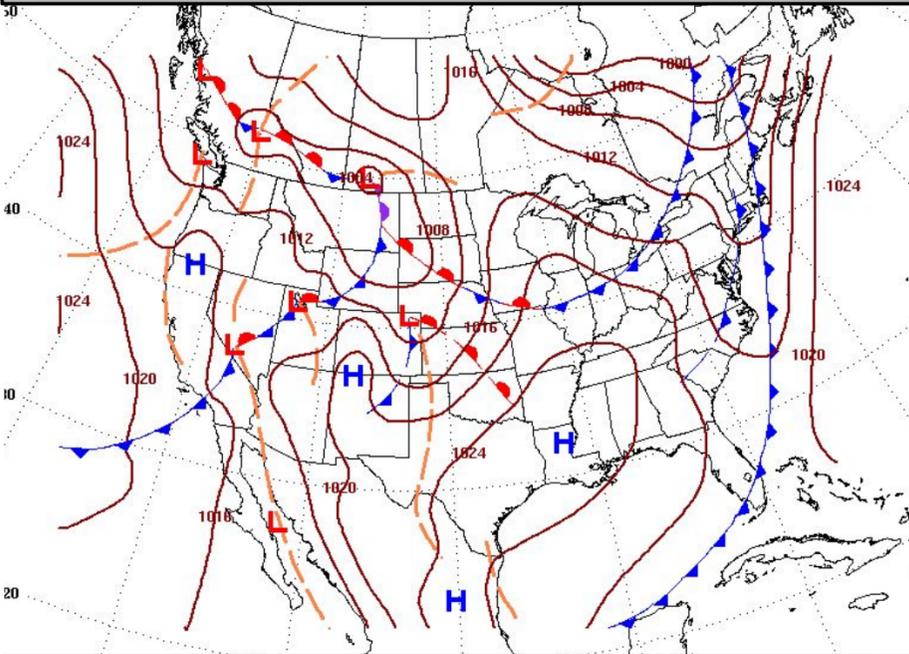


Excessive Rainfall Outlooks not available beyond Day 5

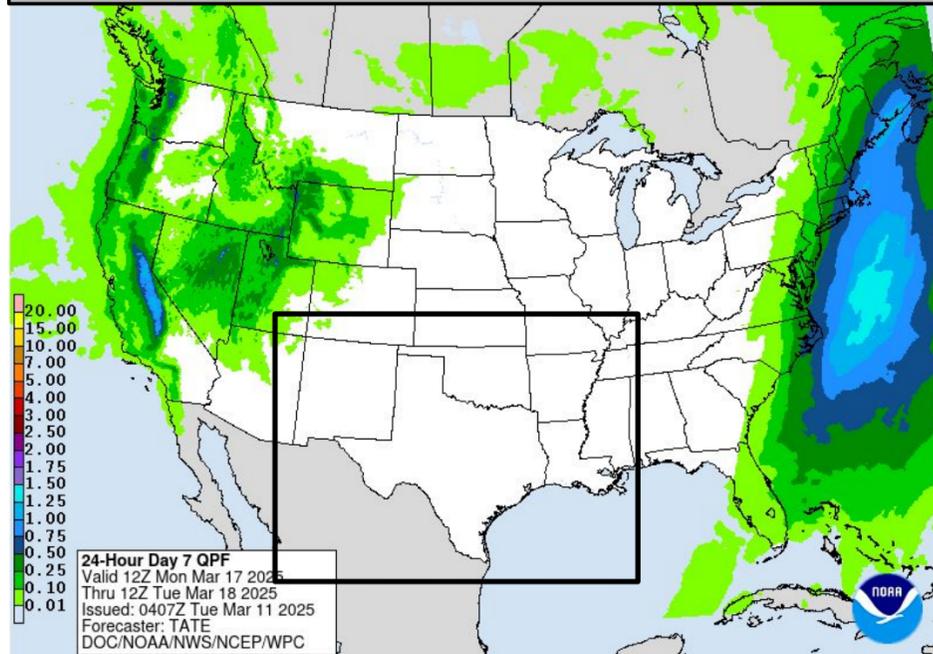


Monday's Weather

Forecast Chart

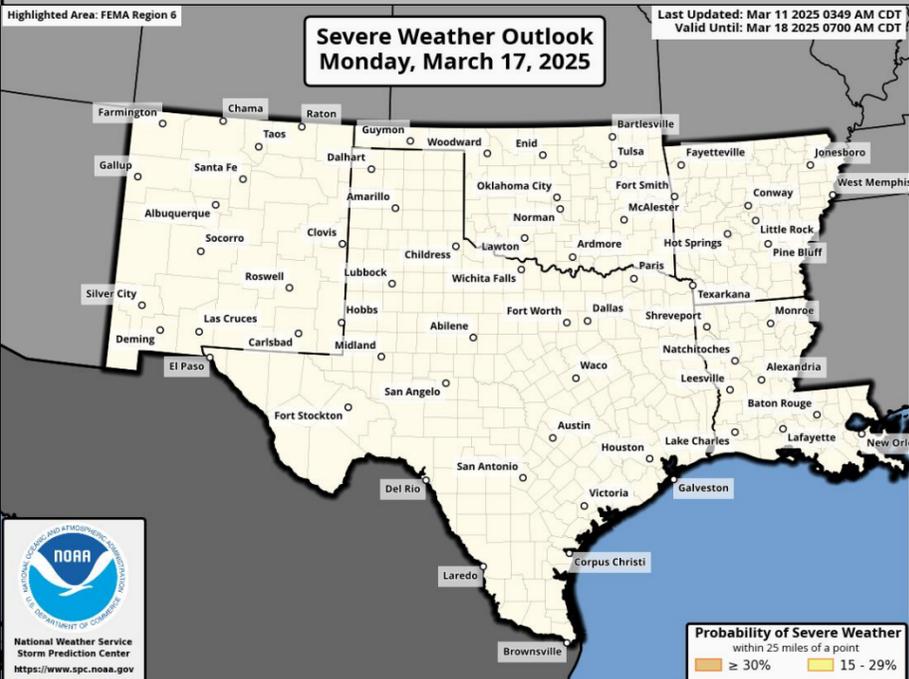


Forecast Rainfall



Elevated (level 1 of 3) fire weather conditions in E NM, W TX, TX Panhandle, W OK.

Severe Weather Outlook

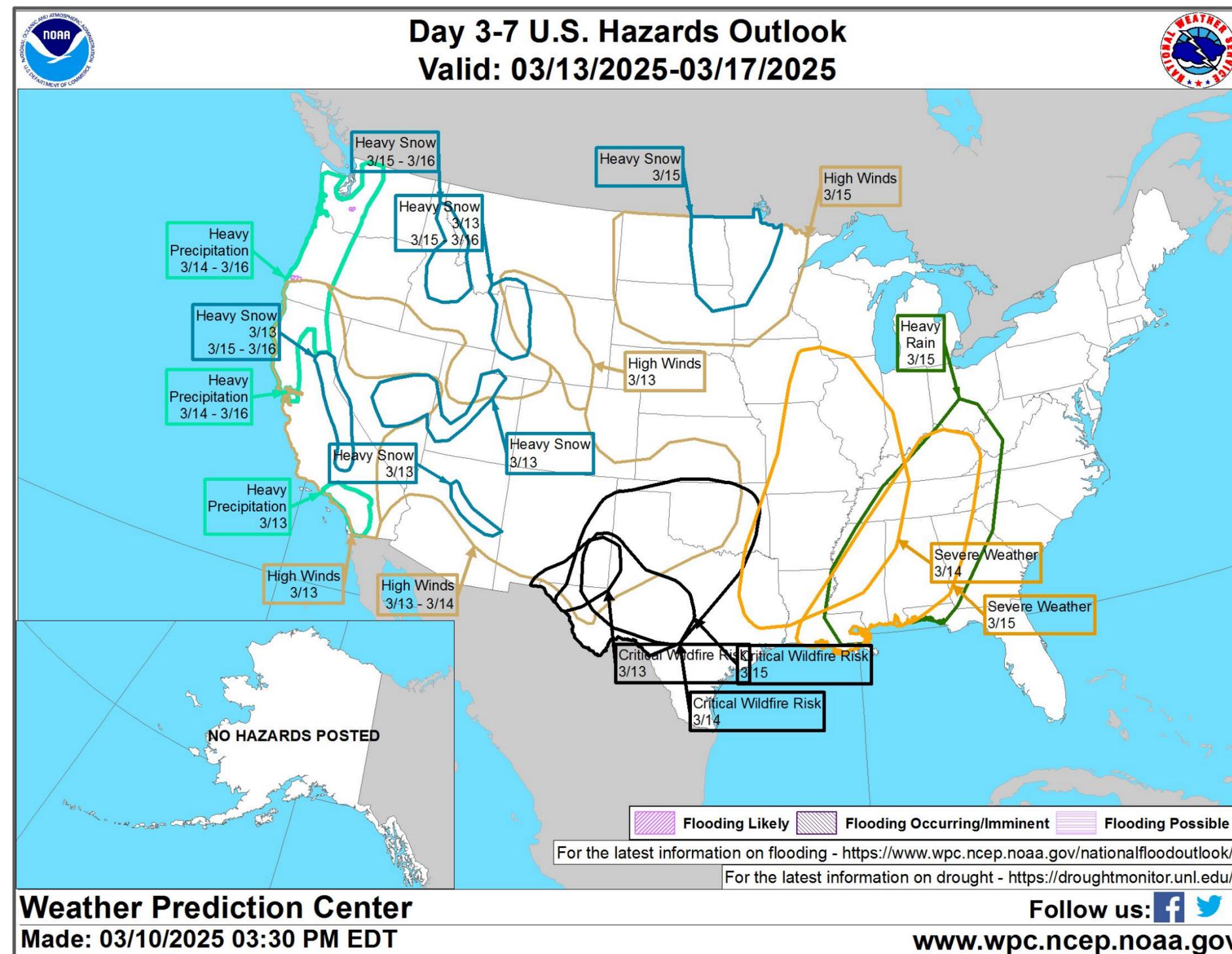


Excessive Rainfall Outlooks not available beyond Day 5





“Day 3-7” Hazards Outlook



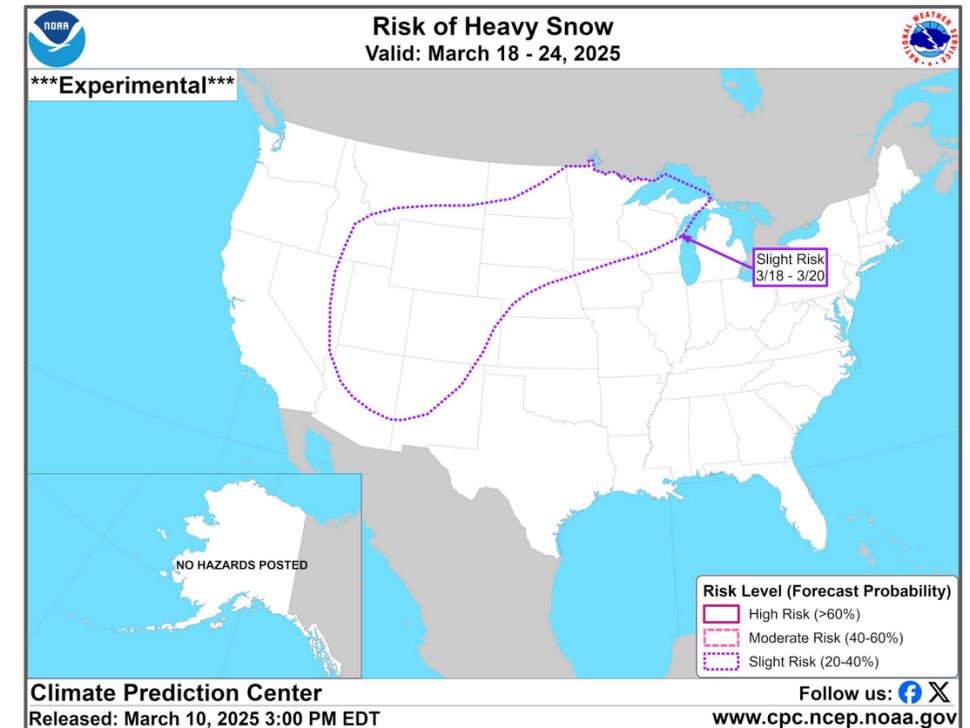
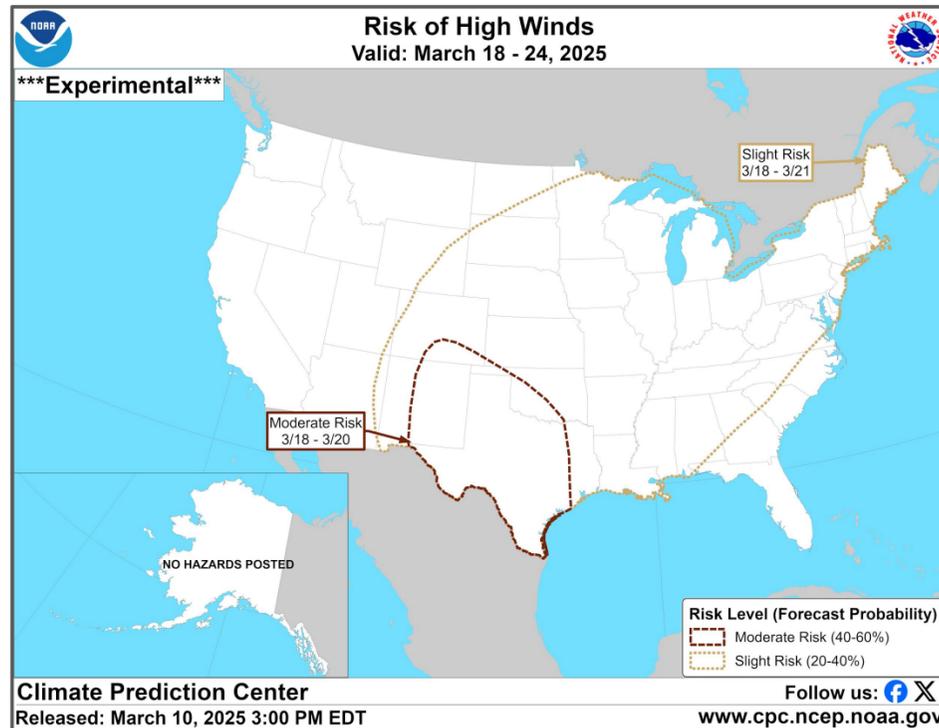
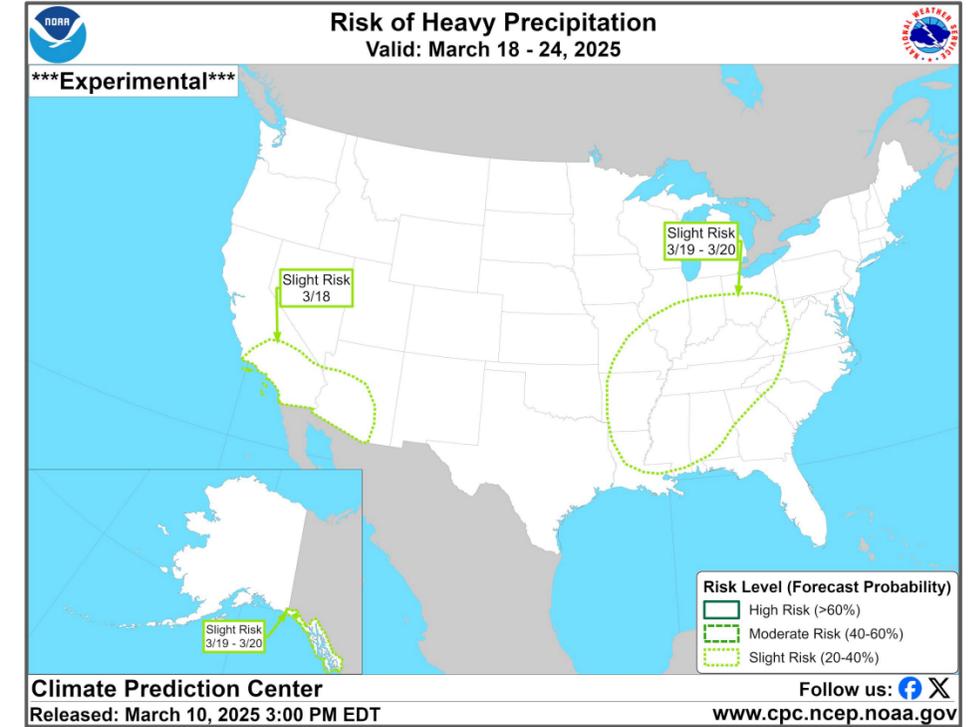
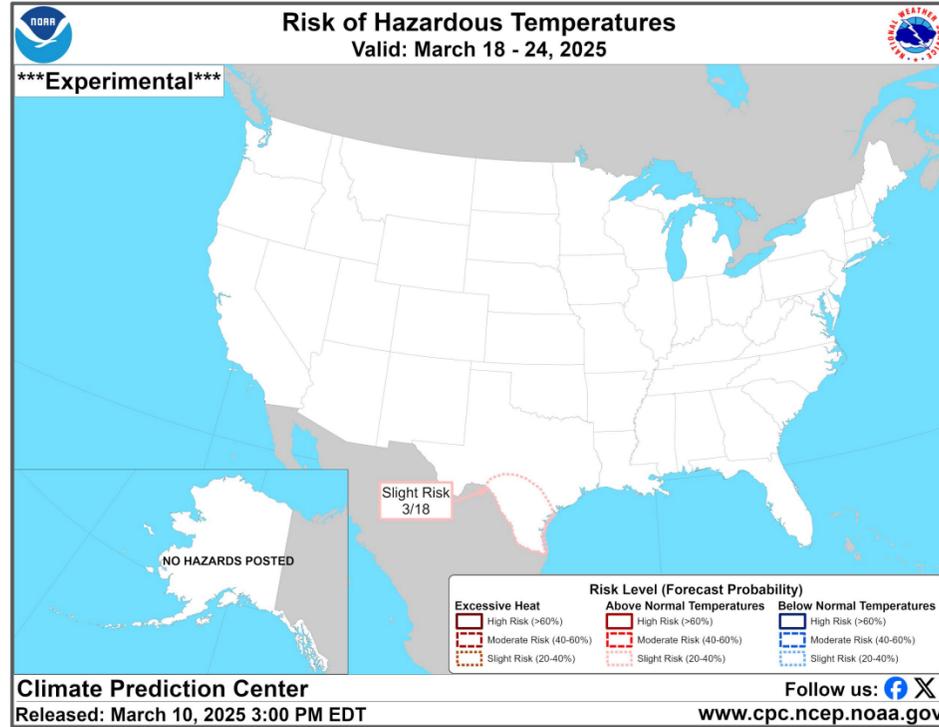
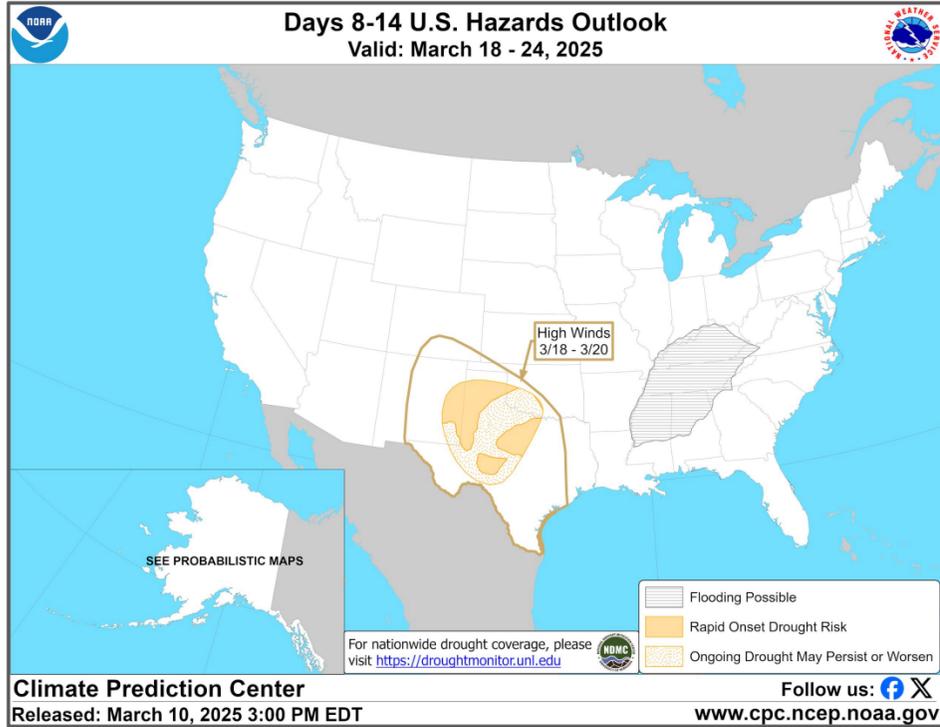
NOTE: These outlooks are issued in the afternoon and only issued on weekdays. Because of that and the fact that these slides are issued in the mornings:

1. The “day 3-7” will really be days 2-6
2. This slide will be hidden on Mondays and Sundays so the data/information is not too old

For additional information on this outlook go to <https://www.wpc.ncep.noaa.gov/threats/threats.php>



“Day 8-14” Hazards Outlook



NOTE: These outlooks are issued in the afternoon and only issued on weekdays. Because of that and the fact that these slides are issued in the mornings:

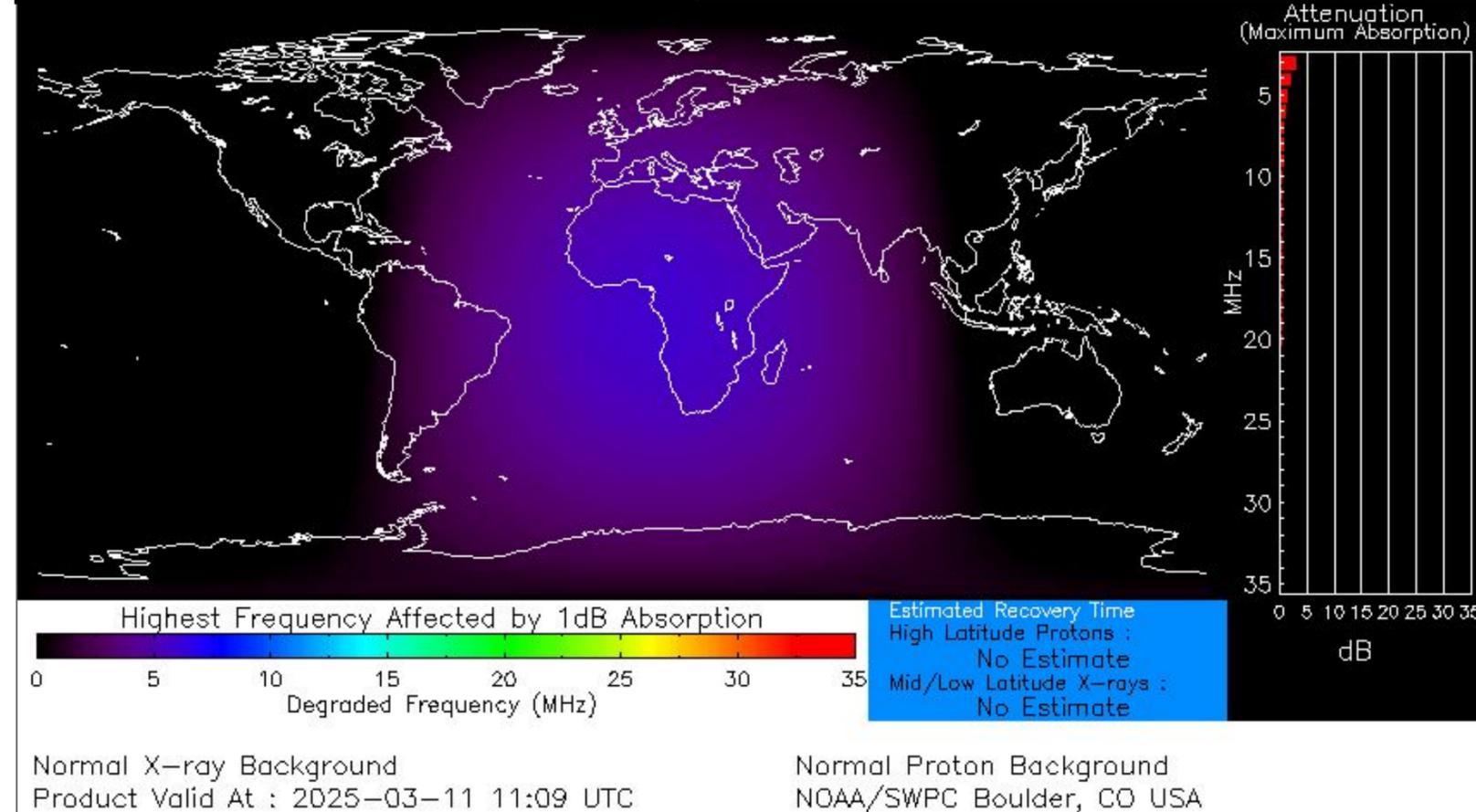
1. The “day 8-14” will really be days 7-13
2. This slide will be hidden on Mondays and Sundays so the data/information is not too old

For additional information on this outlook go to <https://www.cpc.ncep.noaa.gov/products/predictions/threats/threats.php>



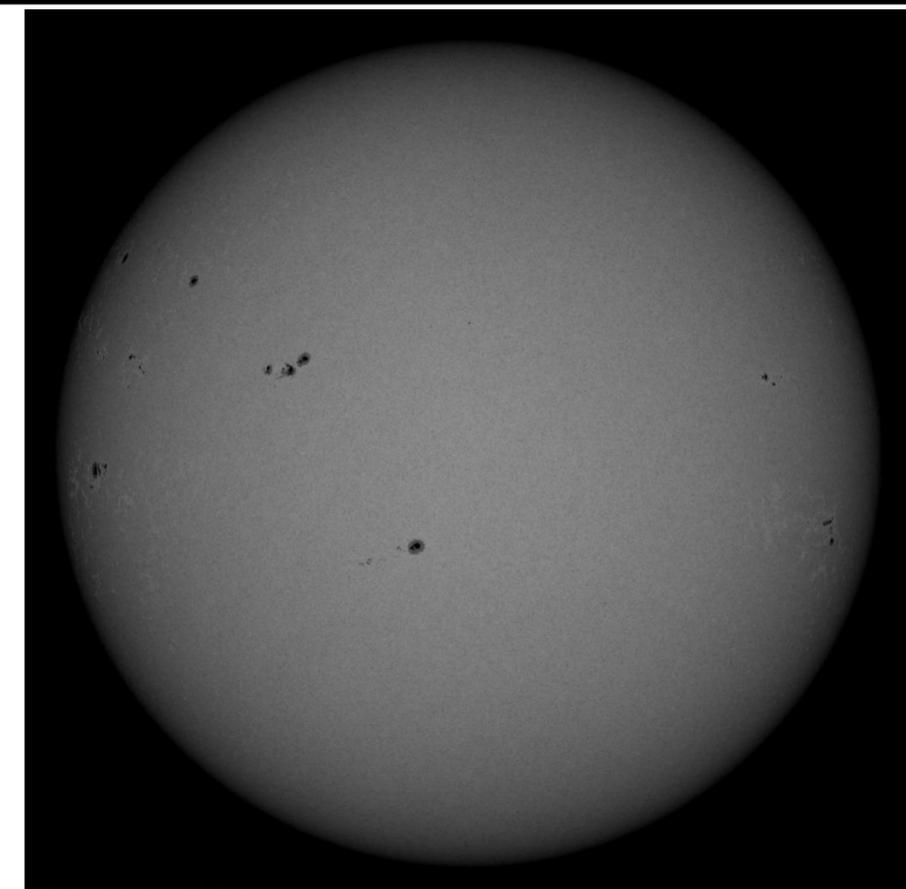
Space Weather 3-Day Forecast

	Tuesday, Mar 11	Wednesday, Mar 12	Thursday, Mar 13
Geomagnetic Storms	Active (Max Kp = 4)	Active (Max Kp = 4)	Active (Max Kp = 4)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	30%	30%	30%
Radio Blackout (R3-R5)	5%	5%	5%



[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;">Little to None</p> <p>Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little 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 LA 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 seabreeze storms in coastal TX
Yellow	<p style="text-align: center;">Minor</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 AR 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;">Moderate</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 DFW 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;">Major</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 NW 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;">Extreme</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 SE LA; 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