



# FEMA



Prepared by  
*Brian Hoeth*

# FEMA Region 6 Weather Threat Briefing

Tuesday May 19, 2020

**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](http://www.weather.gov/srh).



- **Isolated severe storms today across NE NM into the western TX/OK Panhandles and for E TX into LA.**
- **Elevated to critical fire weather conditions expected over portions of NM today, tomorrow, and Saturday.**
- **A few severe storms over W OK/TX on Thursday.**

# FEMA Region 6 Threat Matrix

May 19, 2020 - May 23, 2020



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DAY / THREAT	Tue	Wed	Thu	Fri	Sat
Severe Storms	NE NM/TX Panhandle ETX/LA		W OK/TX		
Heavy Rain / Flash Flooding					
Fire Weather	NM	NM			NM
Tropical Weather					
Winter Weather					
River Flooding	MS River	MS River	MS River	MS River	MS River, AR, LA
	TX, AR, LA	TX, AR, LA	AR, LA	AR, 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.*

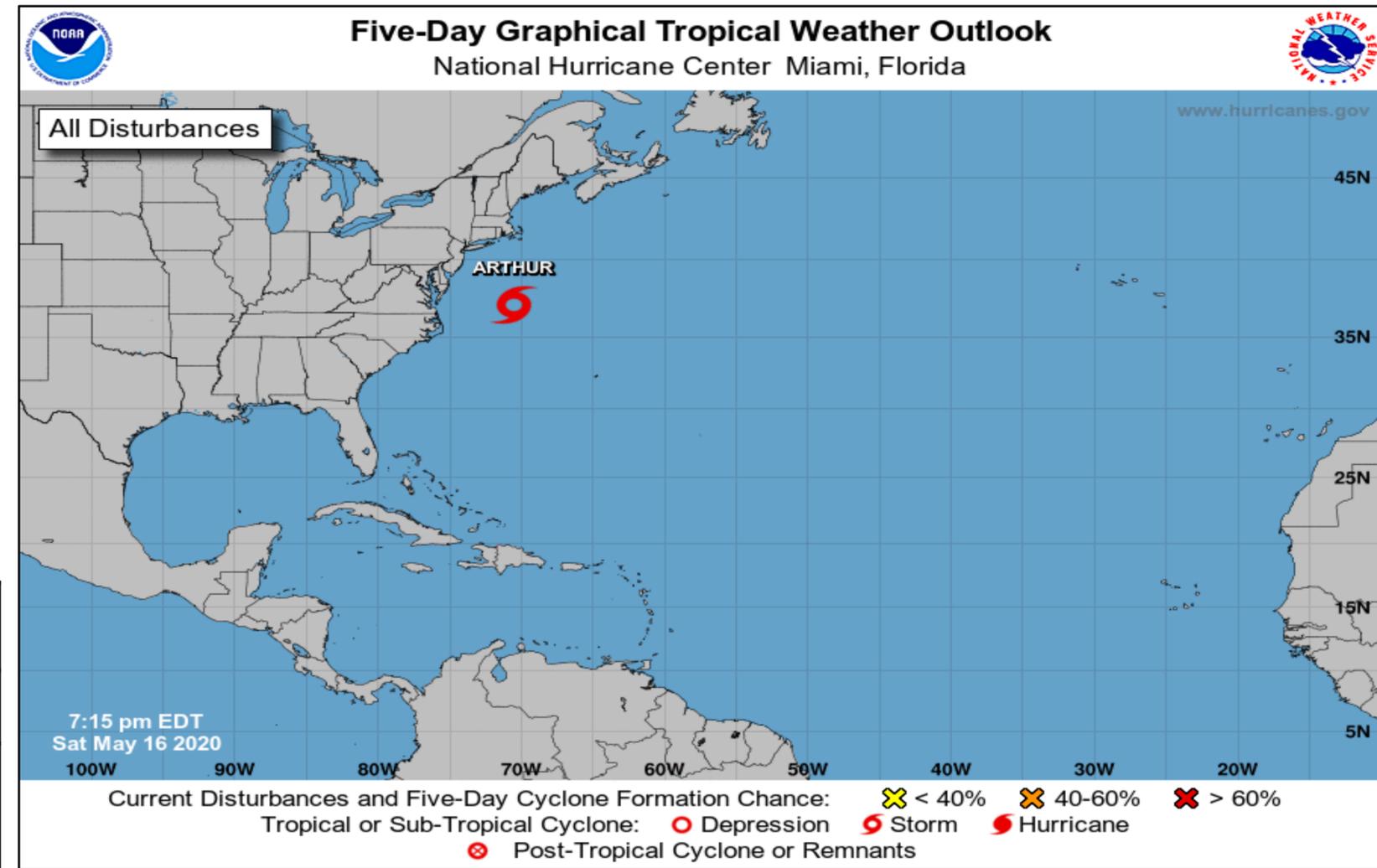


## Areas of Possible Development

Area	Chance of Development	Potential Impacts to FEMA 6
-	-	-

## Active Tropical Cyclones

Storm	Potential Impacts to FEMA 6
<b>Arthur</b>	<b>None</b>

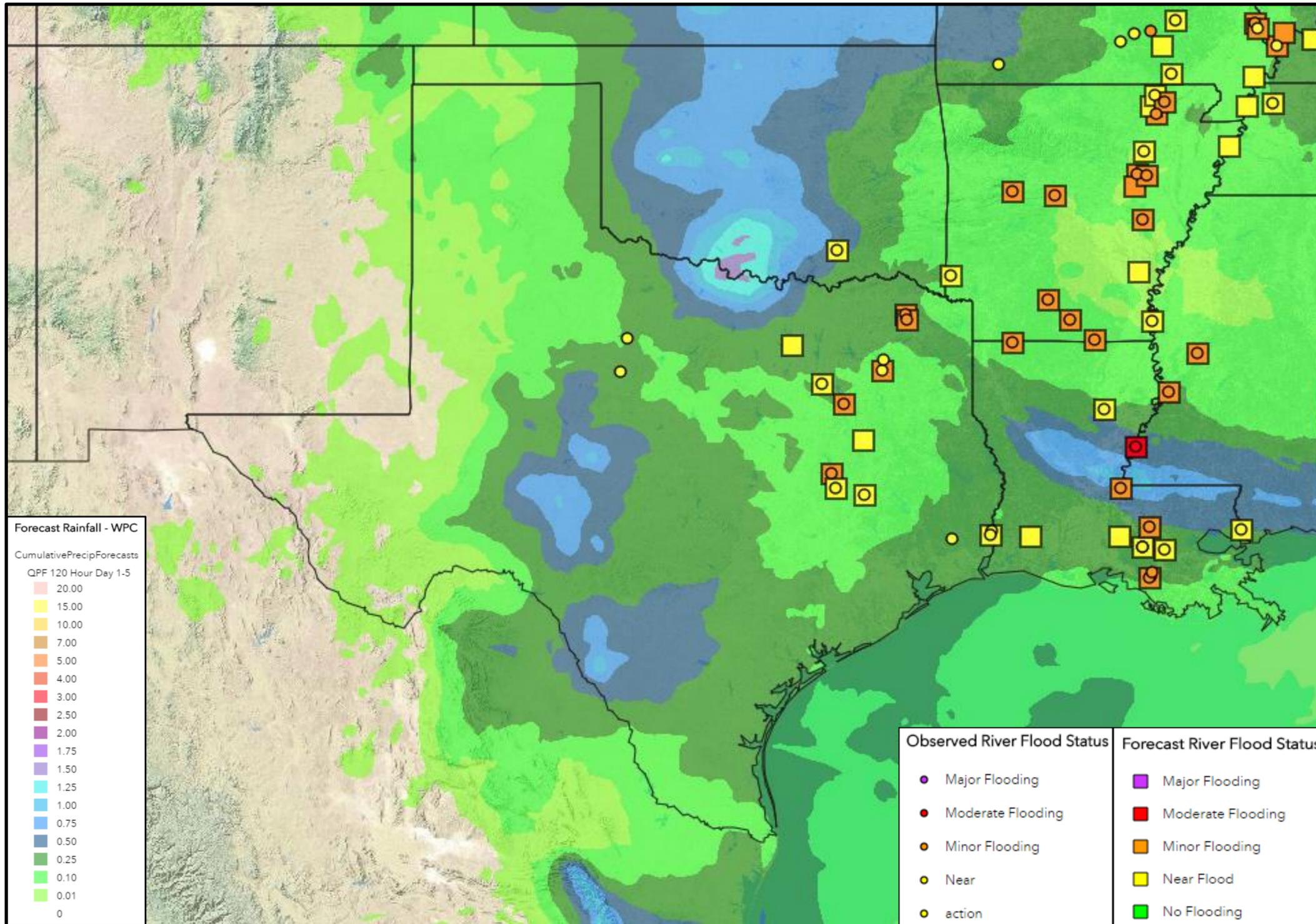


# 5-Day Precipitation Forecast & River Flood Status



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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall



Points on the MS River in SE LA should fall below moderate flood stage by the end of this week.

Minor flooding continues in TX, LA & AR. Impacts are mostly to agriculture and secondary roads.

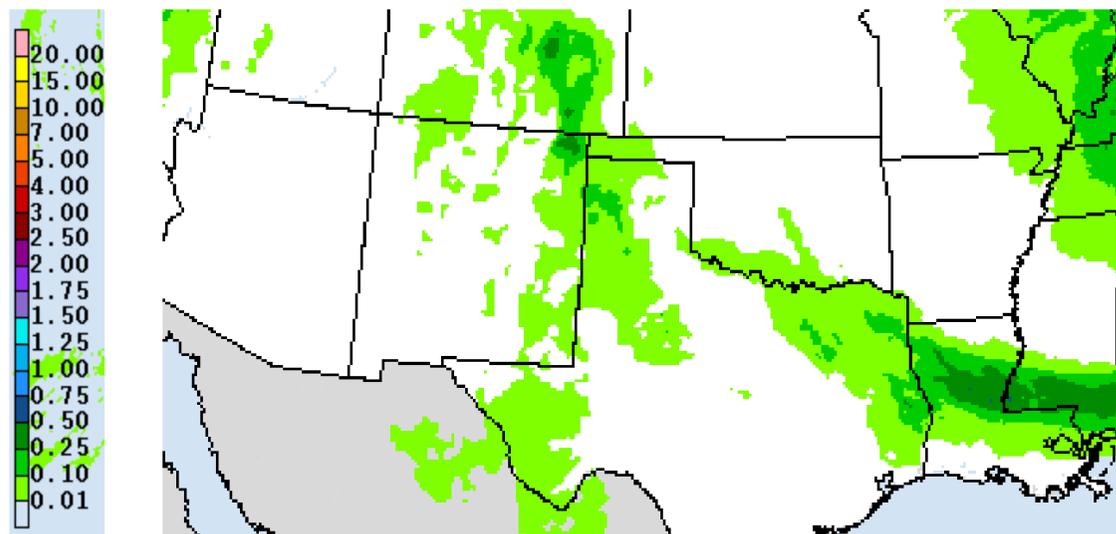
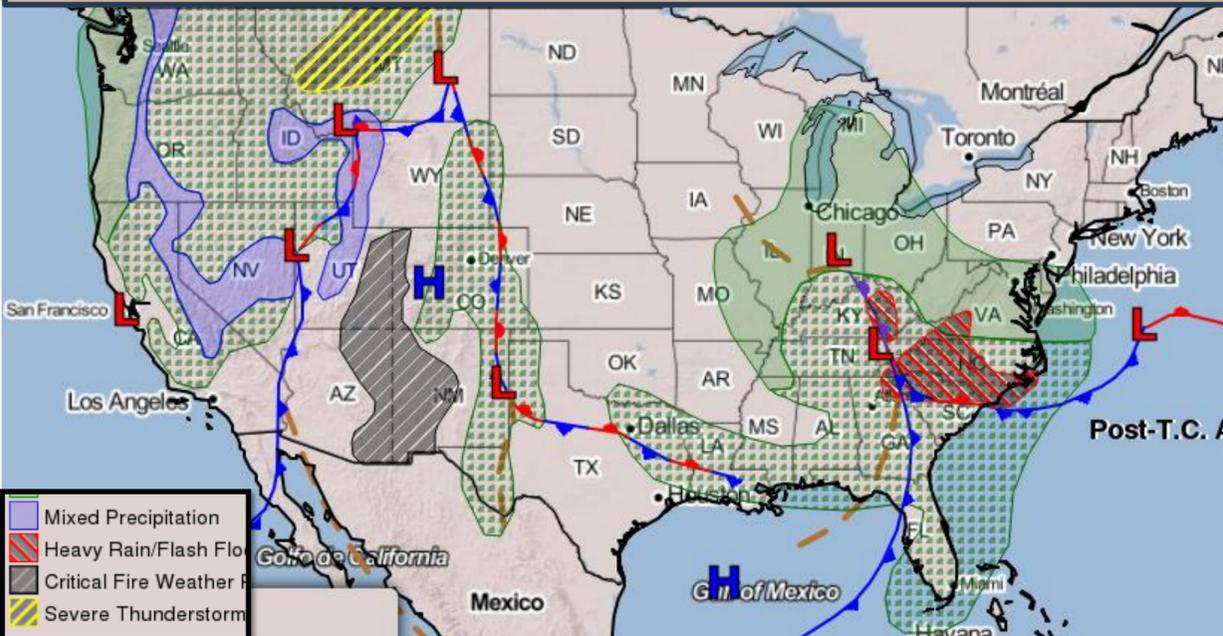
# Today's Weather



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## Forecast Chart

## Forecast Rainfall



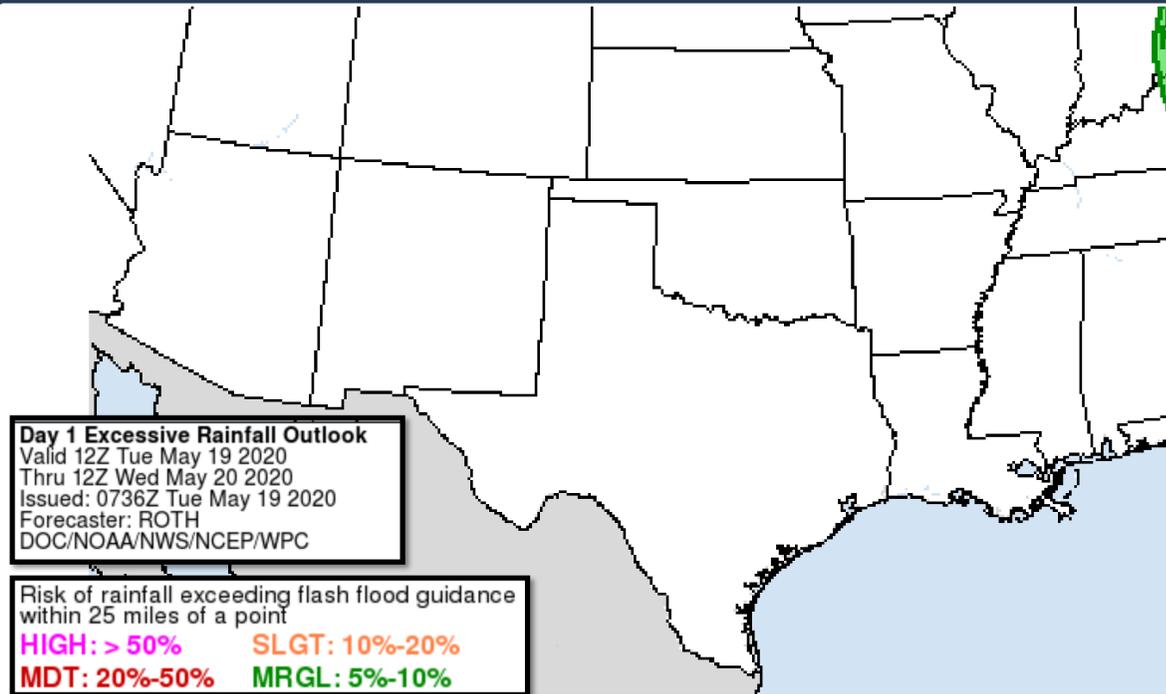
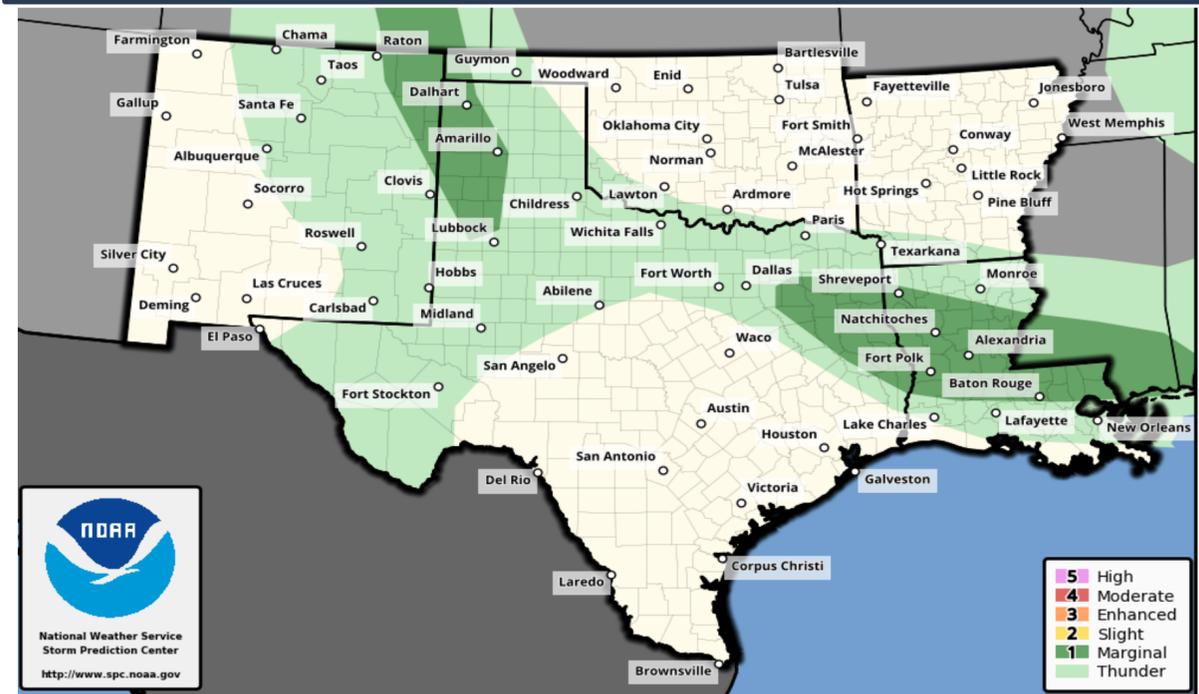
**Isolated strong to severe storms across NE NM into the western TX/OK Panhandles and for E TX into LA; hail and locally strong wind gusts are the main threats.**

Weather Valid 8am EDT Tue May 19 2020 to 8am EDT Wed May 20 2020  
 Fronts Valid 8am EDT Tue May 19 2020

**24-Hour Day 1 QPF**  
 Valid 12Z Tue May 19 2020  
 Thru 12Z Wed May 20 2020  
 Issued: 0712Z Tue May 19 2020

## Severe Weather Outlook

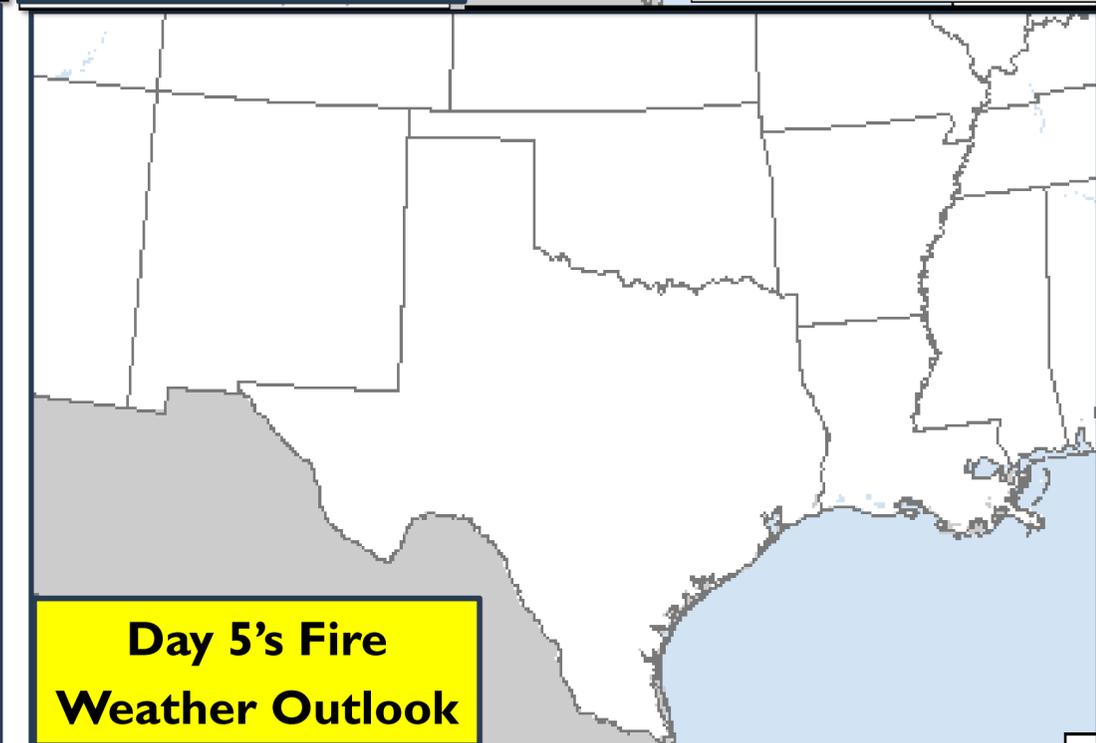
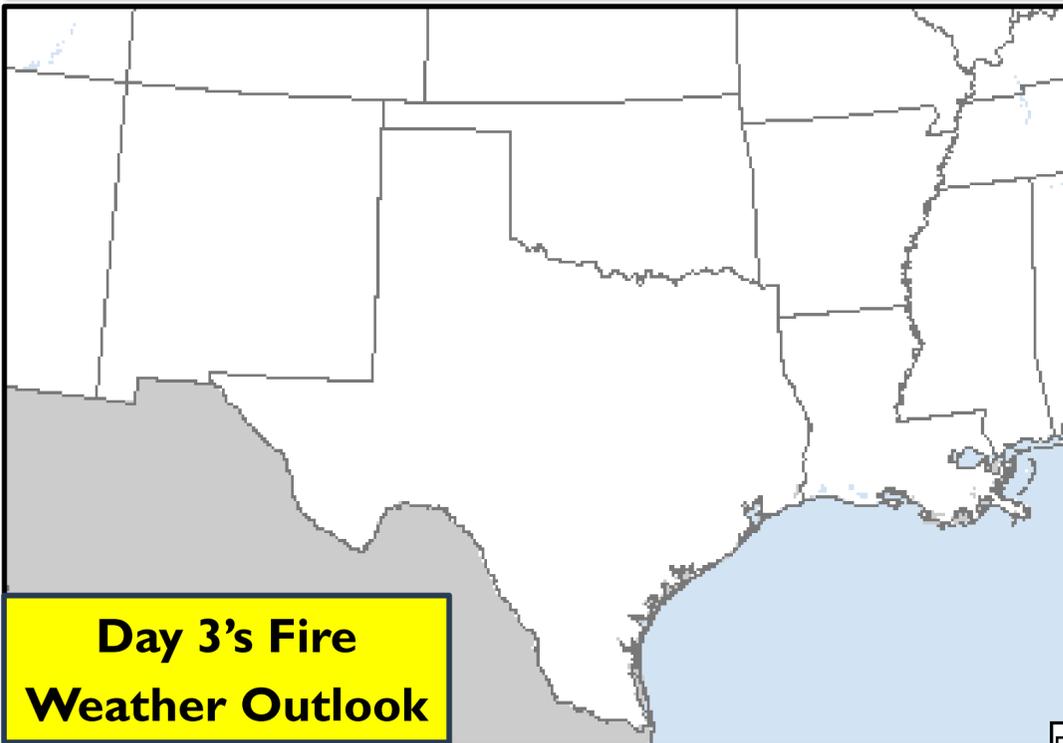
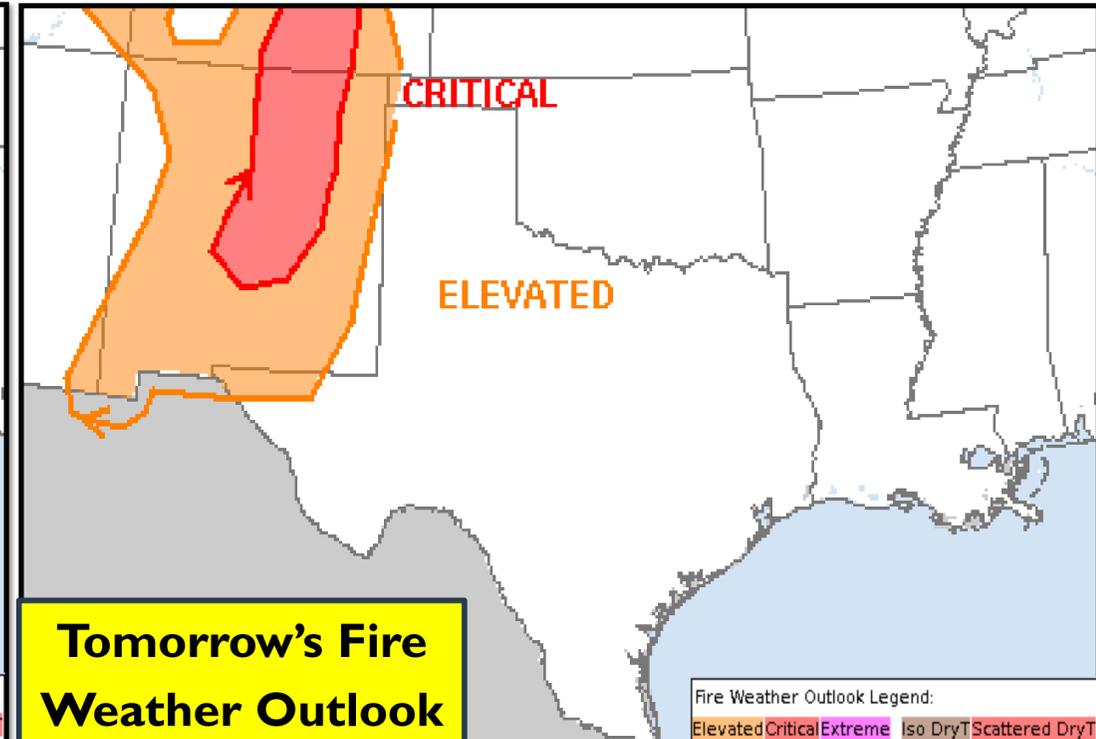
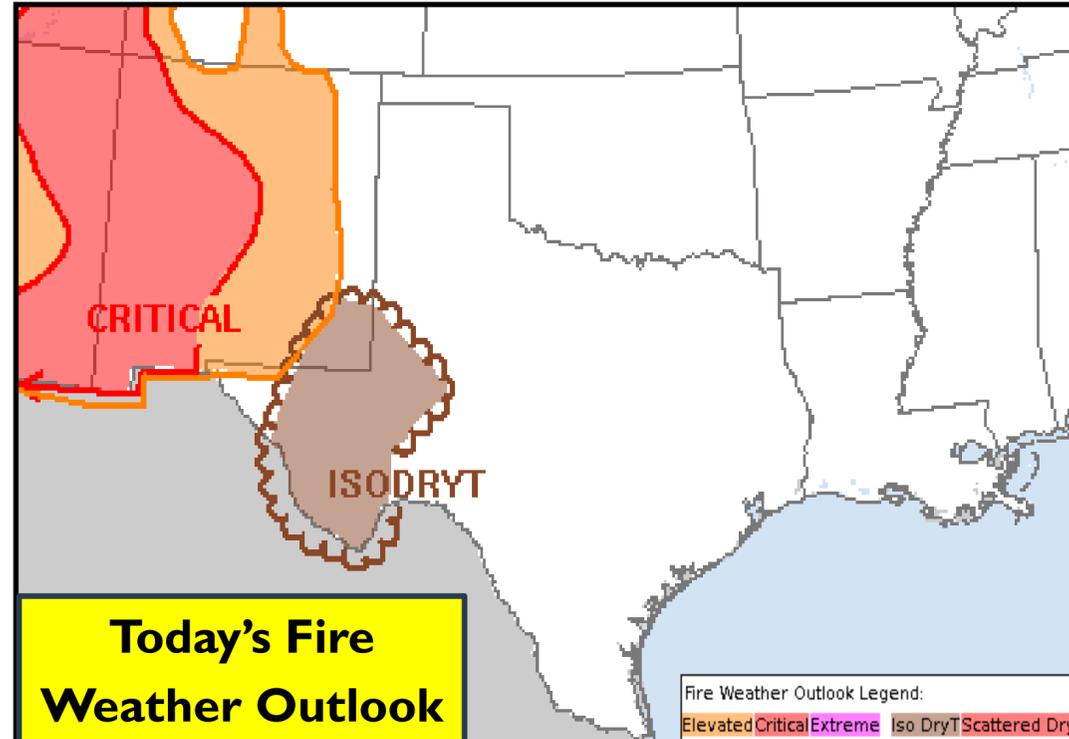
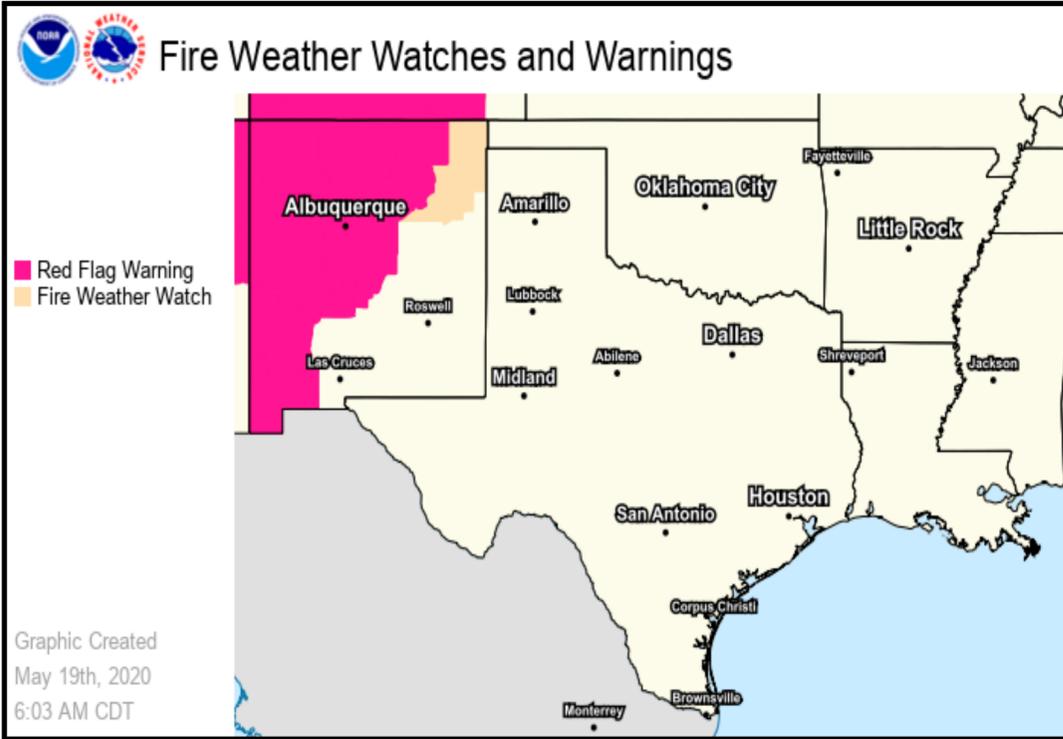
## Excessive Rainfall Outlook



# Fire Weather Outlooks



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# Tomorrow's Weather

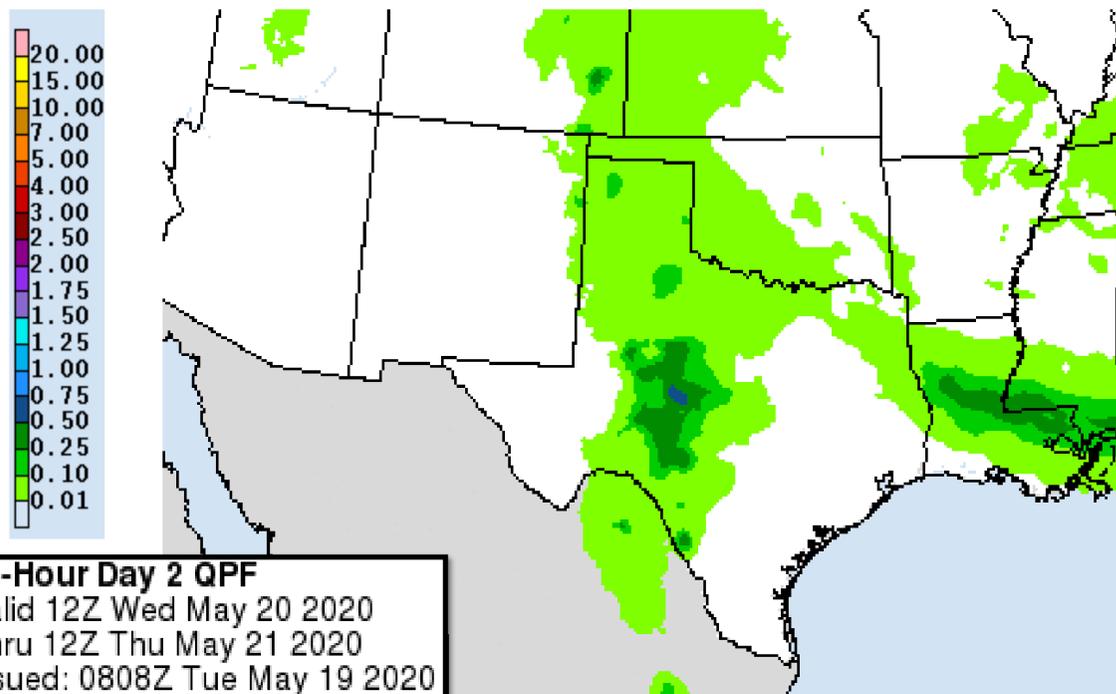
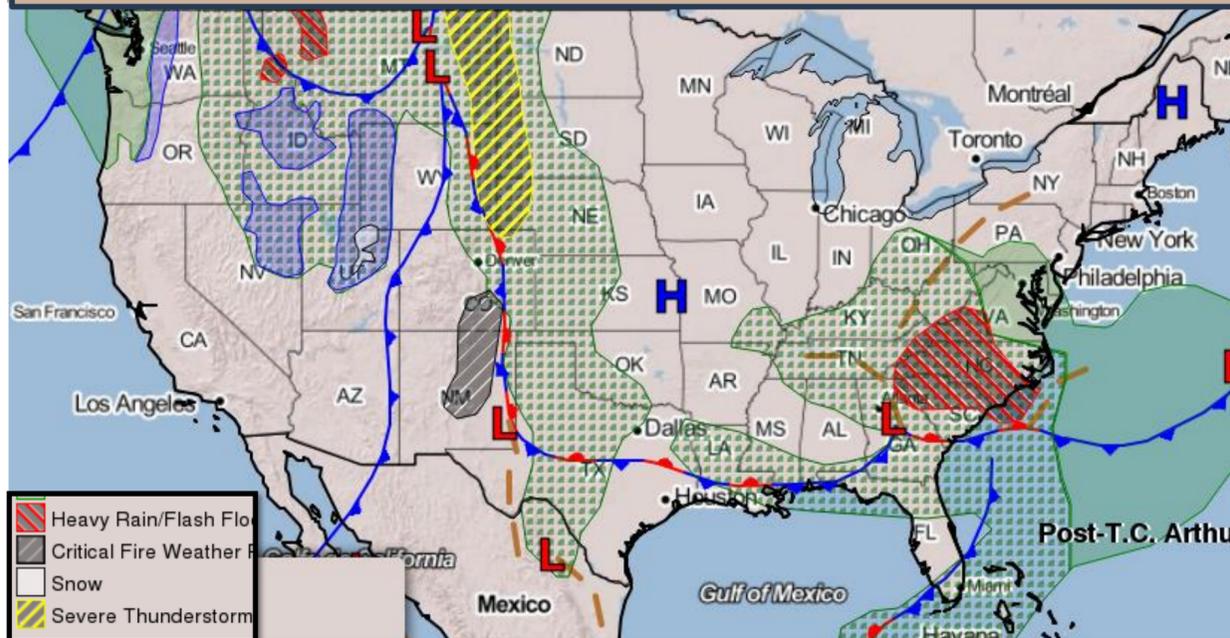


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## Forecast Chart

## Forecast Rainfall

**No significant weather expected.**

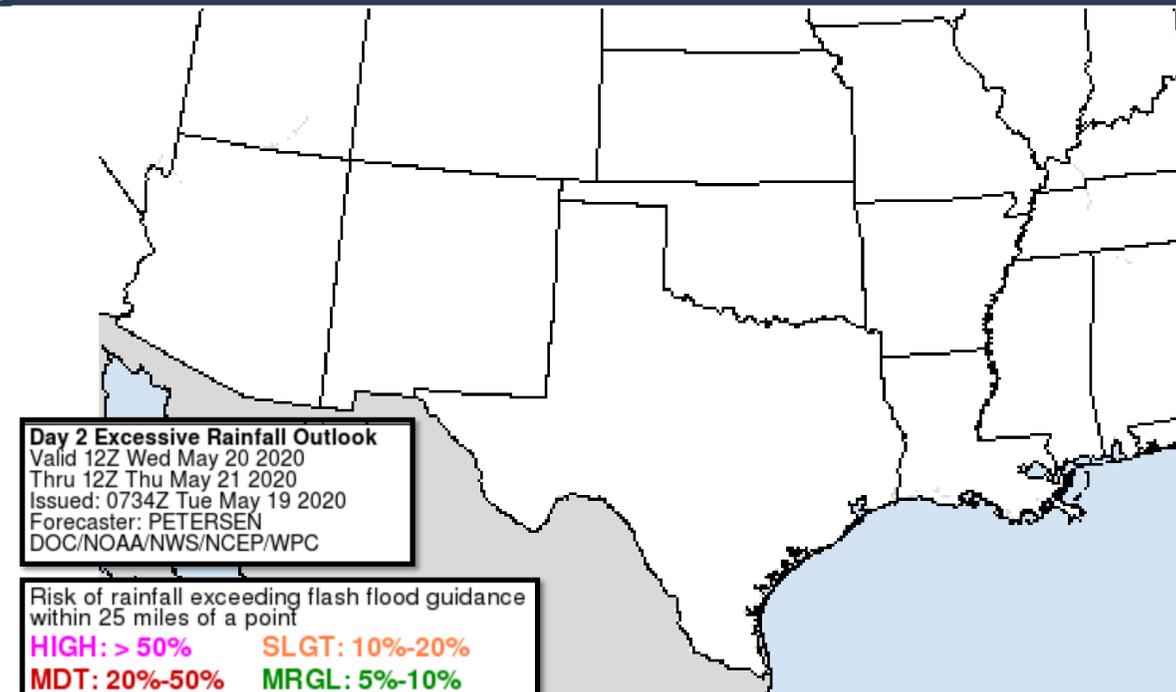
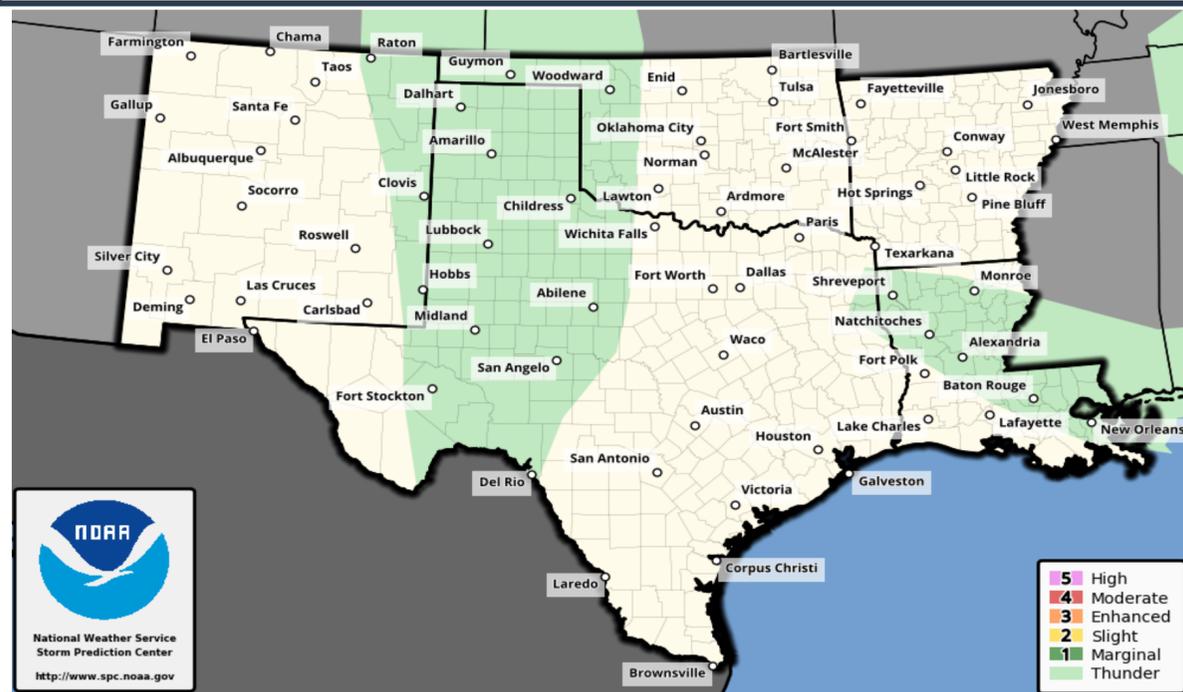


Weather Valid 8am EDT Wed May 20 2020 to 8am EDT Thu May 21 2020  
Fronts Valid 8am EDT Wed May 20 2020  
Issued 4:27 AM EDT Tue, May 19, 2020  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by Campbell with WPC/SPC/NHC forecasts.

**24-Hour Day 2 QPF**  
Valid 12Z Wed May 20 2020  
Thru 12Z Thu May 21 2020  
Issued: 0808Z Tue May 19 2020

## Severe Weather Outlook

## Excessive Rainfall Outlook



# Thursday's Weather

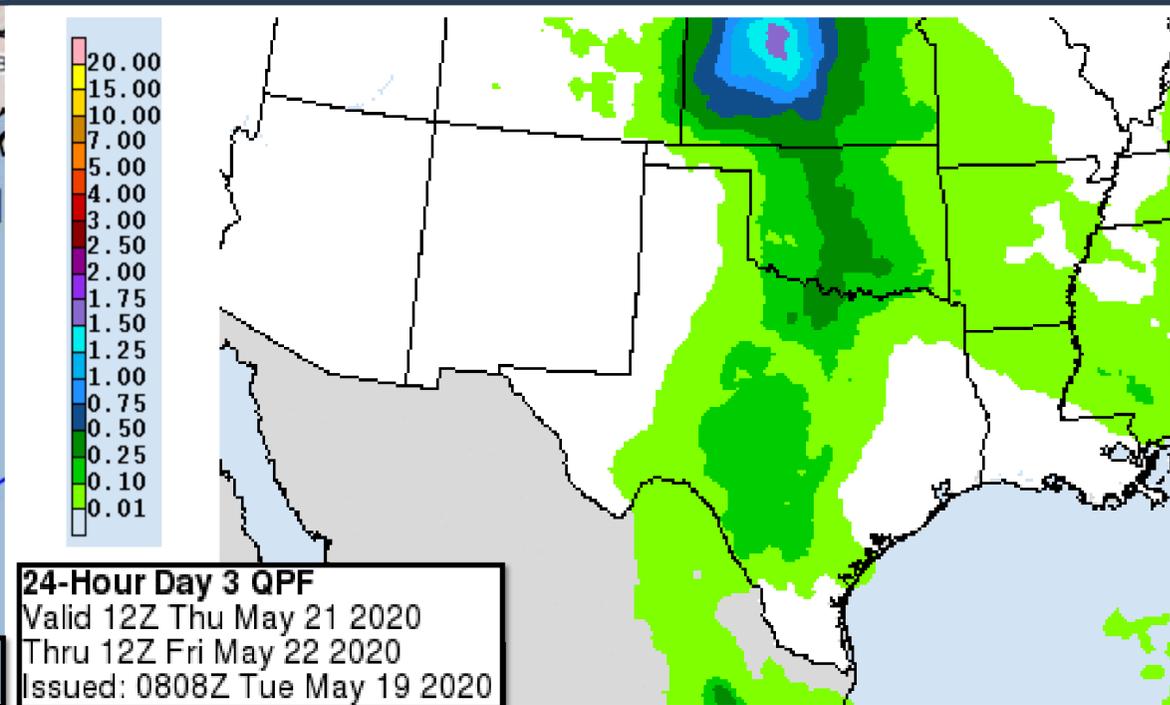
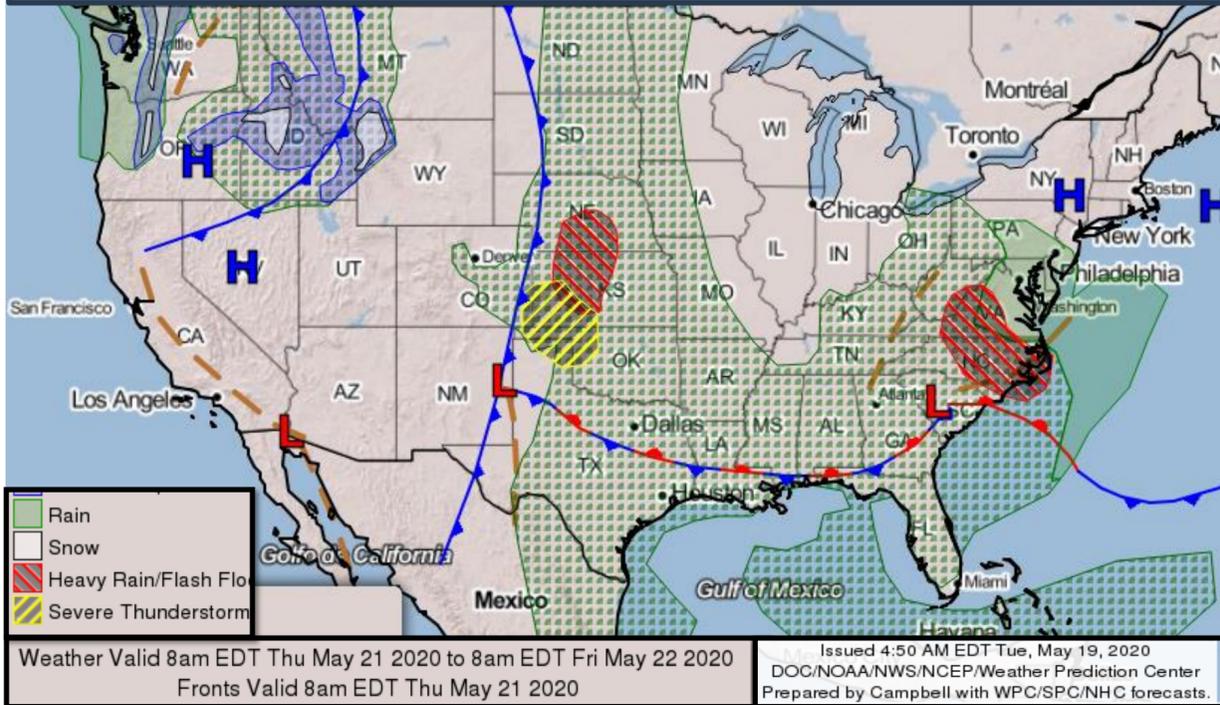


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## Forecast Chart

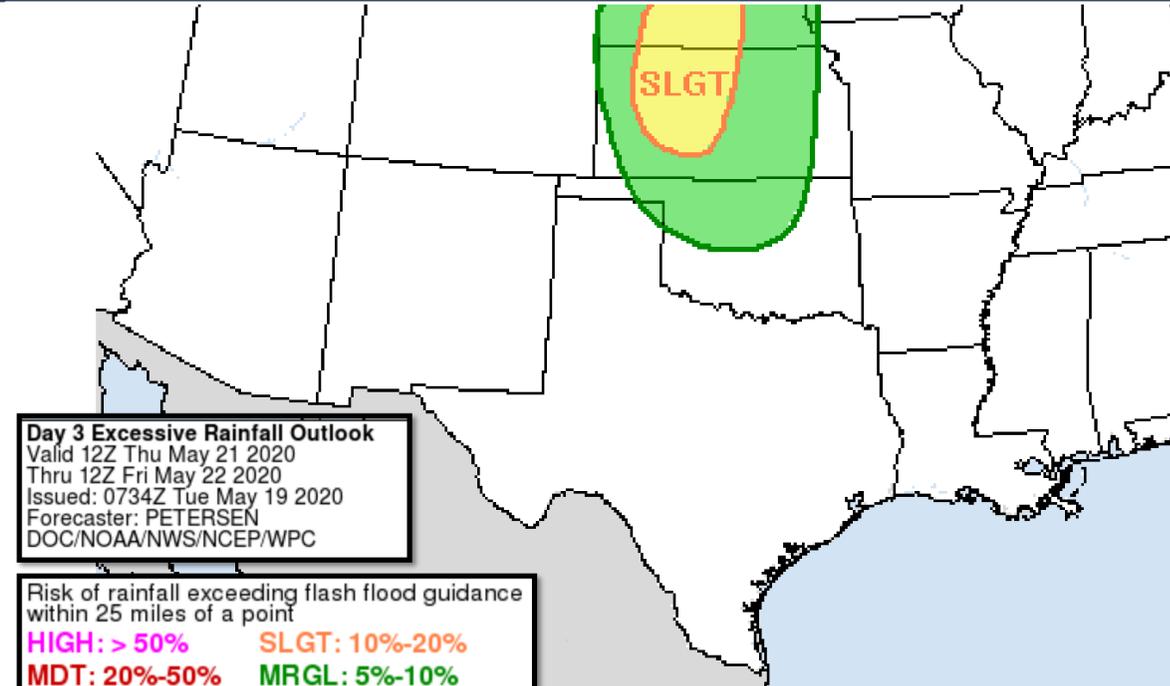
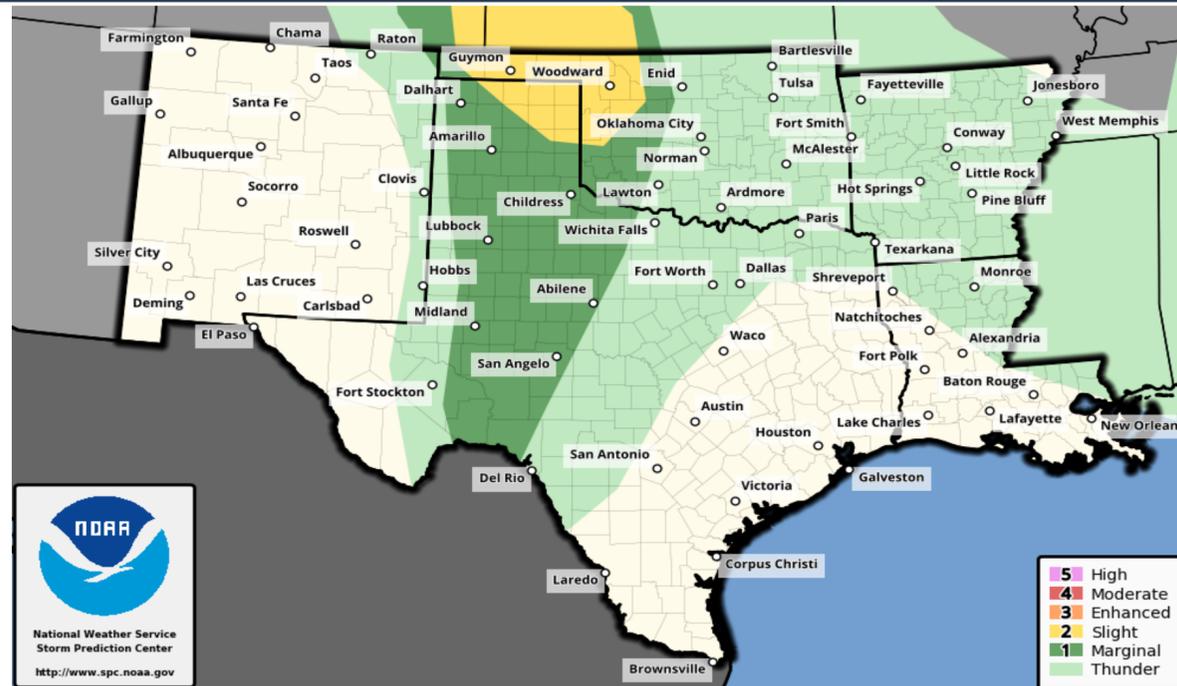
## Forecast Rainfall

**A few severe storms across W OK/TX; hail and locally strong wind gusts are the main threats.**



## Severe Weather Outlook

## Excessive Rainfall Outlook



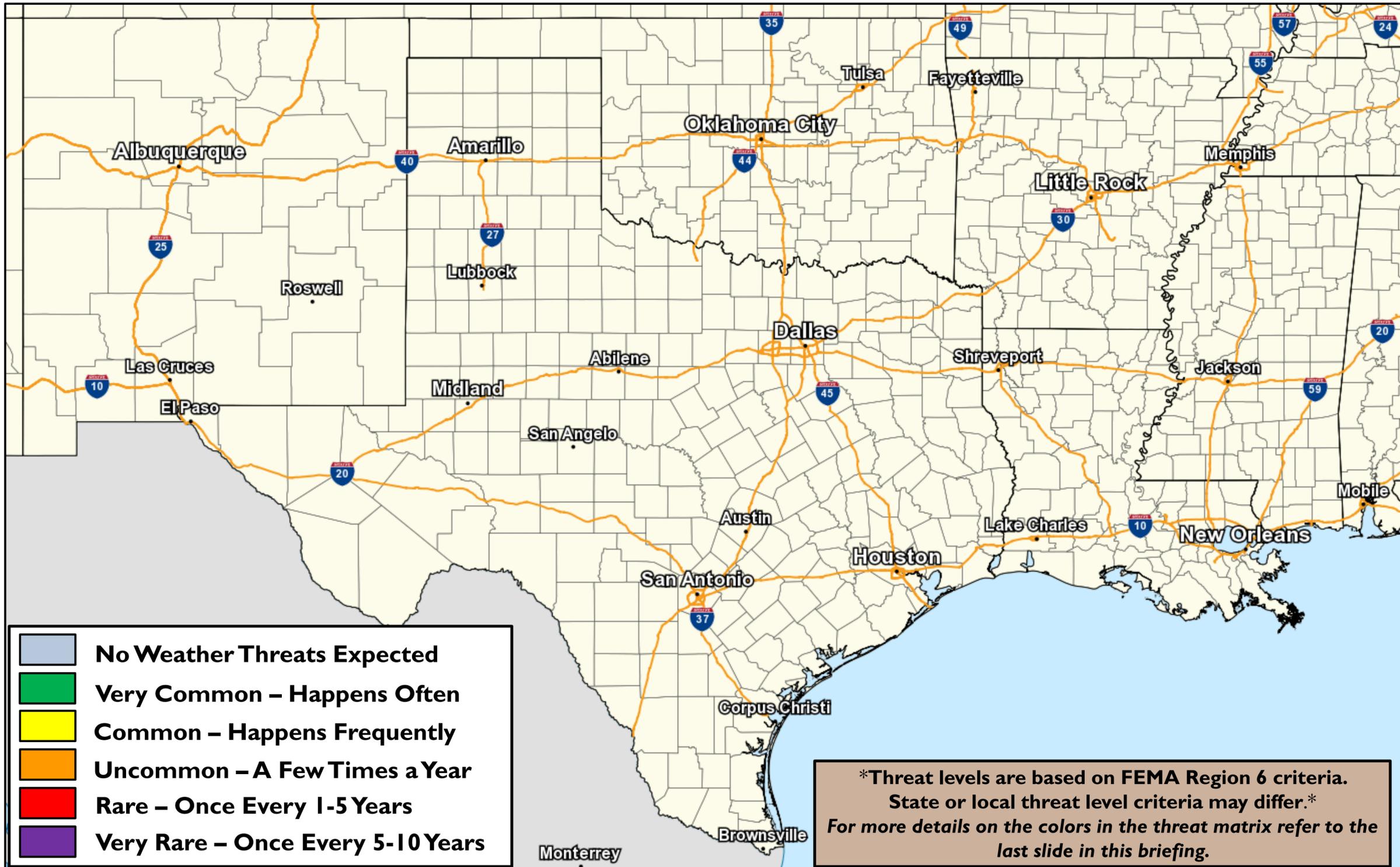
# Days 4-5 Weather Hazards

Friday - Saturday



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No significant weather expected.

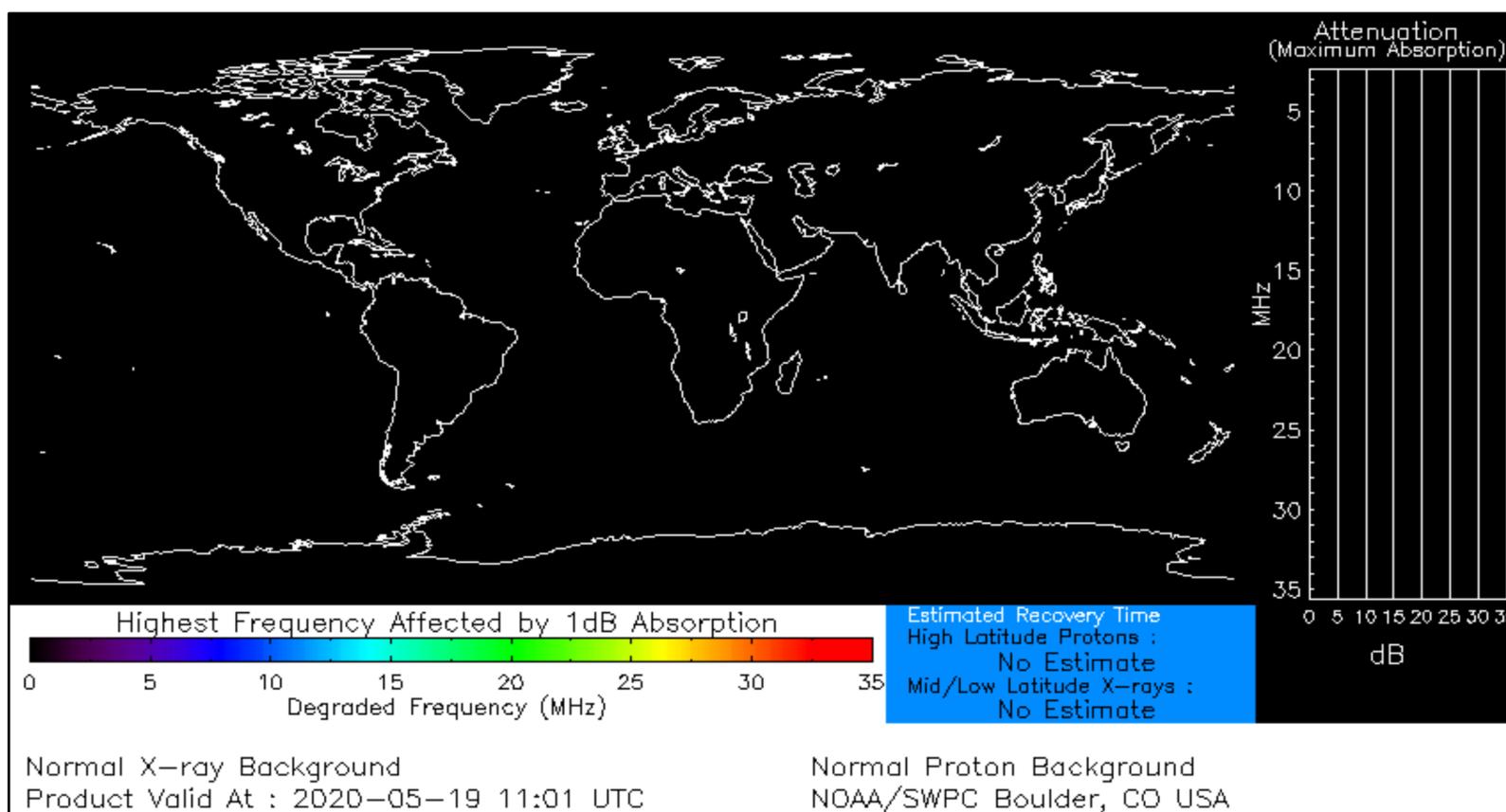


# Space Weather 3-Day Forecast



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	Tuesday	Wednesday	Thursday
<b>Geomagnetic Storms</b>	<b>Quiet to Unsettled (Max Kp = 3)</b>	<b>Quiet to Unsettled (Max Kp = 3)</b>	<b>Quiet (Max Kp = 2)</b>
<b>Solar Radiation Storm (S1-S5)</b>	1%	1%	1%
<b>Radio Blackout (R1-R2)</b>	1%	1%	1%
<b>Radio Blackout (R3-R5)</b>	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)





**For more information, please contact:**

**National Weather Service**  
Southern Region Headquarters  
Regional Operations Center  
Fort Worth, TX

Phone: (682) 703-3747

E-mail: [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)

Web: <http://www.weather.gov/srh>



## Weather "Threat" Matrix

Color	Definition	Criteria	Example(s)
Green	<p style="text-align: center;"><b>Very Common</b></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"> <li>Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees</li> <li>Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX</li> </ul>
Yellow	<p style="text-align: center;"><b>Somewhat Common – Happens Frequently</b></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"> <li>2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible</li> <li>Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail</li> </ul>
Orange	<p style="text-align: center;"><b>Uncommon – A Few Times a Year</b></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"> <li>A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely</li> <li>Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail</li> <li>Some large fires reported, burn bans advertised, critical conditions expected</li> </ul>
Red	<p style="text-align: center;"><b>Rare – Once every 1-5 Years</b></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"> <li>A Category 1 hurricane will be moving towards the NW Gulf in the next few days</li> <li>Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail</li> <li>Large fires ongoing throughout the area with critical fire weather conditions expected to continue</li> </ul>
Purple	<p style="text-align: center;"><b>Very Rare – Once Every 5-10 Years</b></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"> <li>A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow</li> <li>Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms</li> </ul>

**Criteria for the color codes in this briefing is to the left, please provide any feedback to [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov).**