



# FEMA



Prepared by  
*Cindy Elsenheimer*

# FEMA Region 6 Weather Threat Briefing

Saturday May 23, 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).



- **Unsettled weather pattern continues this weekend into early next week with the potential for heavy rainfall and flash flooding primarily across TX/OK.**
- **Severe storms across portions of TX and OK today through Monday, and across AR/LA on Tuesday.**
- **Elevated to critical fire weather conditions across NM and the Panhandles today through Sunday.**

# FEMA Region 6 Threat Matrix

May 23, 2020 - May 27, 2020



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DAY / THREAT	Sat	Sun	Mon	Tue	Wed
Severe Storms	NW TX, SW OK	W TX, Panhandles, W OK	NTX, OK	AR, LA	
Heavy Rain / Flash Flooding	TX	Central and STX	TX, OK	SETX, LA	SETX, LA
Fire Weather	NM, TX/OK Panhandles	NM, WTX			
Tropical Weather					
Winter Weather					
River Flooding	MS River, AR, LA	MS River, AR, LA, TX	MS River, AR, LA	MS River, AR, LA	MS River, AR, LA
			TX	TX	TX

	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

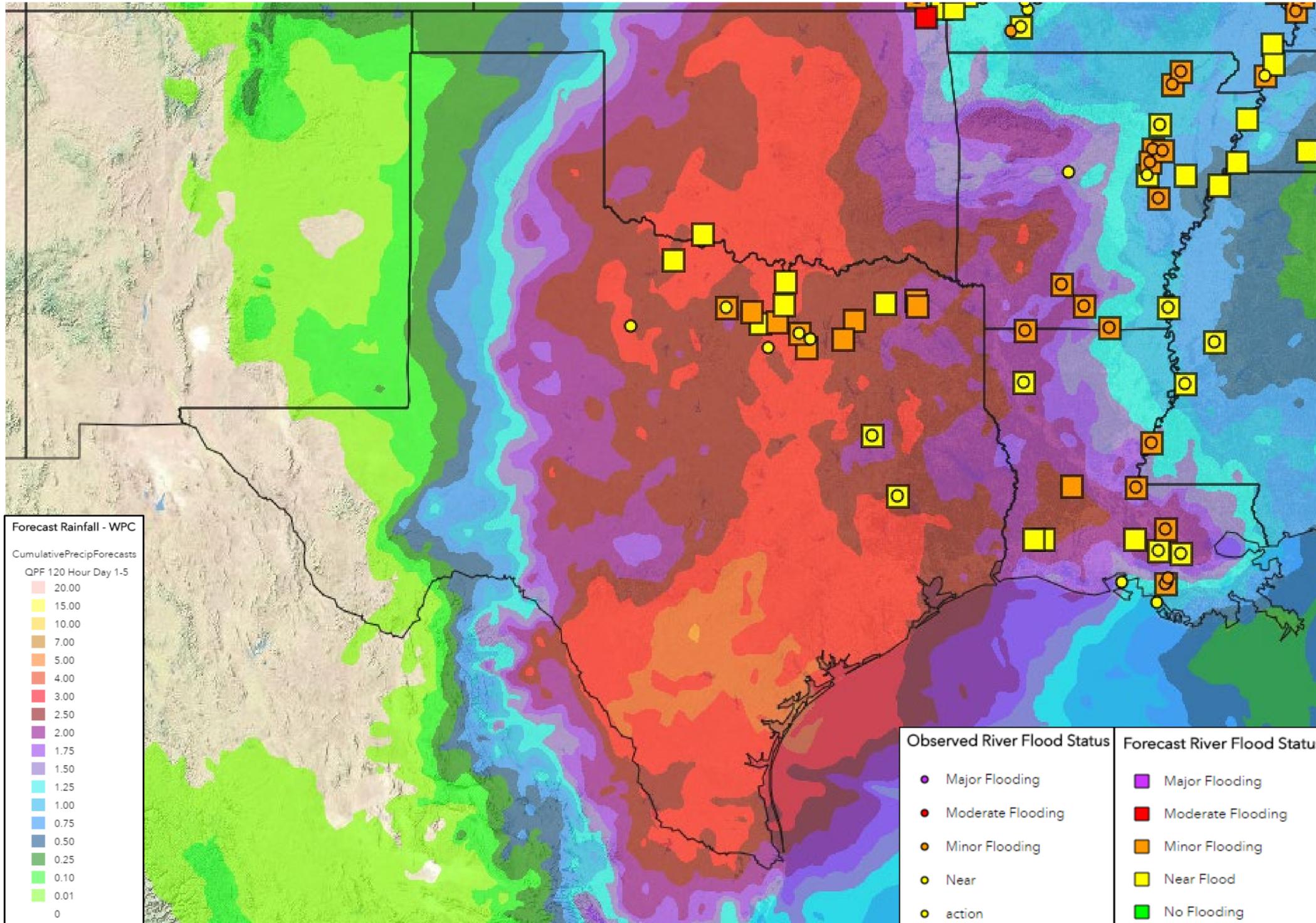
*\*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.\**  
*For more details on the colors in the threat matrix refer to the last slide in this briefing.*

# 5-Day Precipitation Forecast & River Flood Status



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



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

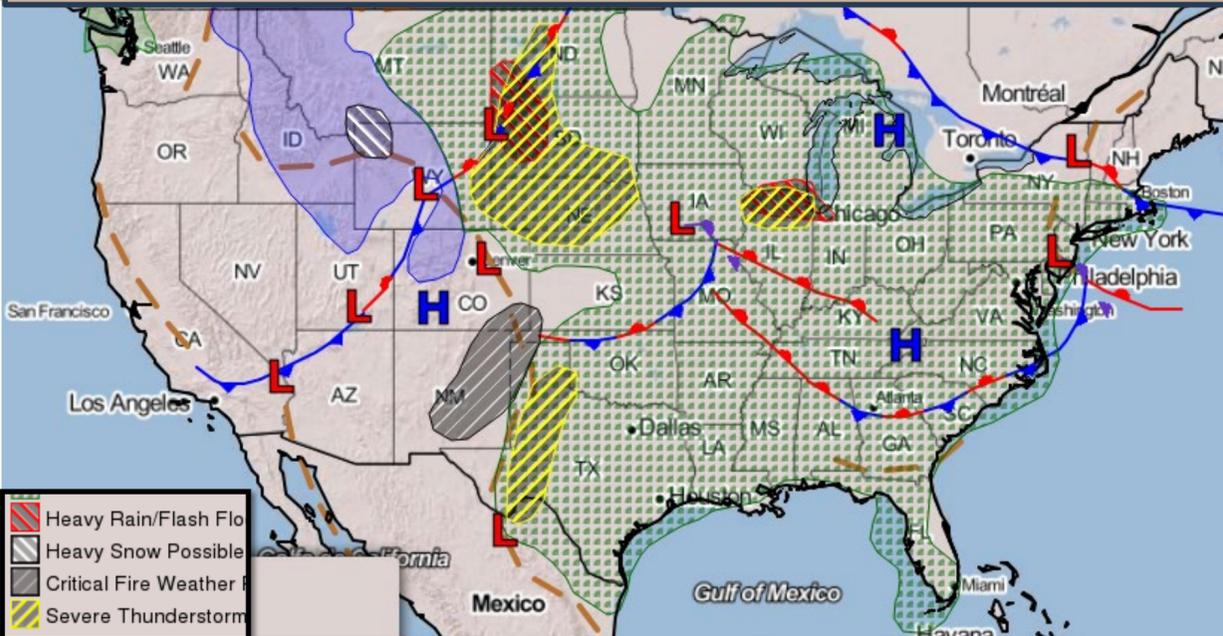
**Threat of heavy rainfall will exist today and increase on Sunday. With the current forecast, there could be a few sites that see minor river flooding...although moderate flooding as is possible across the smaller, flashy basins.**

# Today's Weather

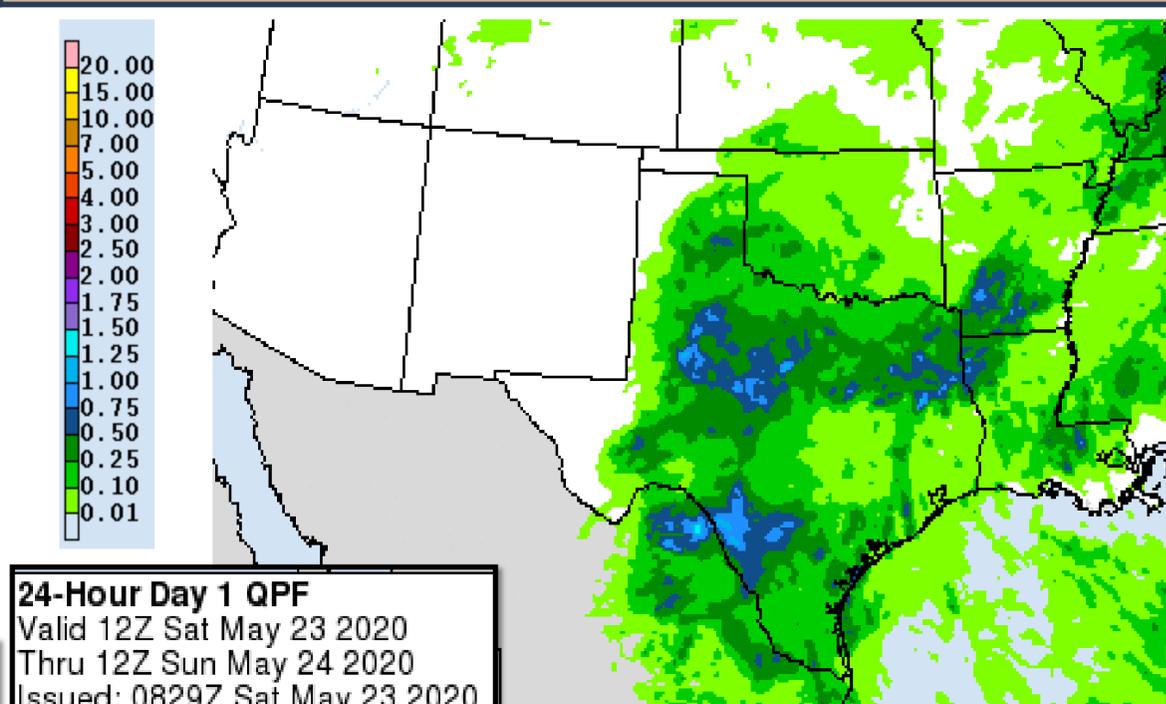


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## Forecast Chart



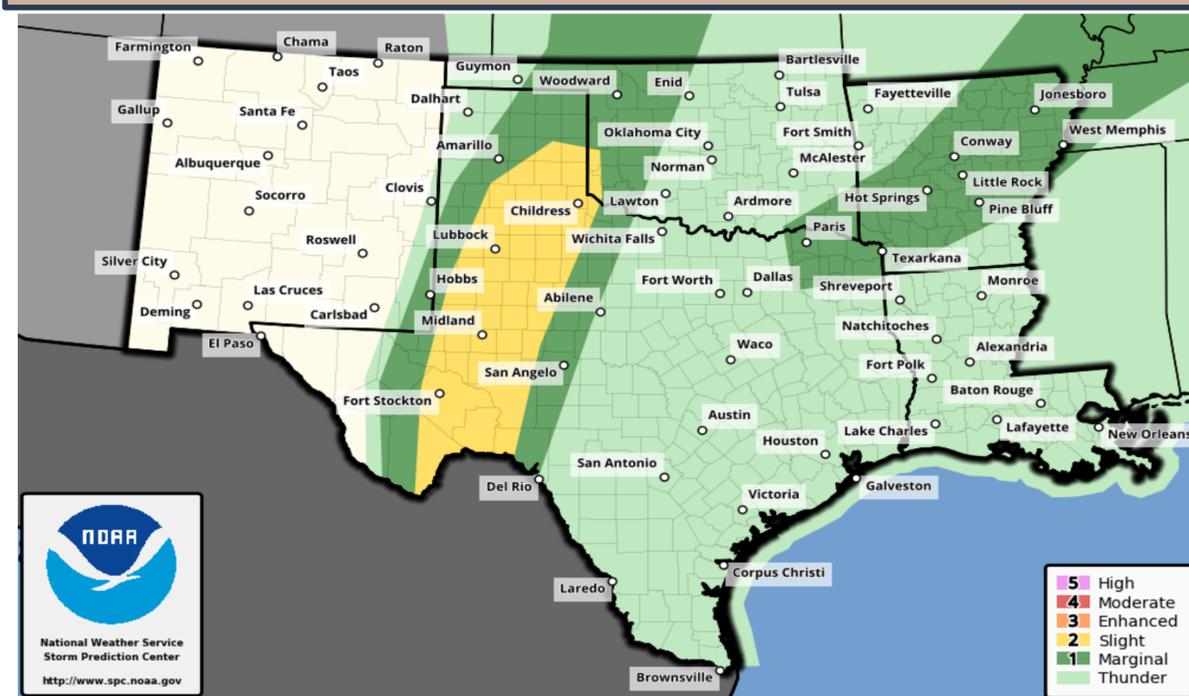
## Forecast Rainfall



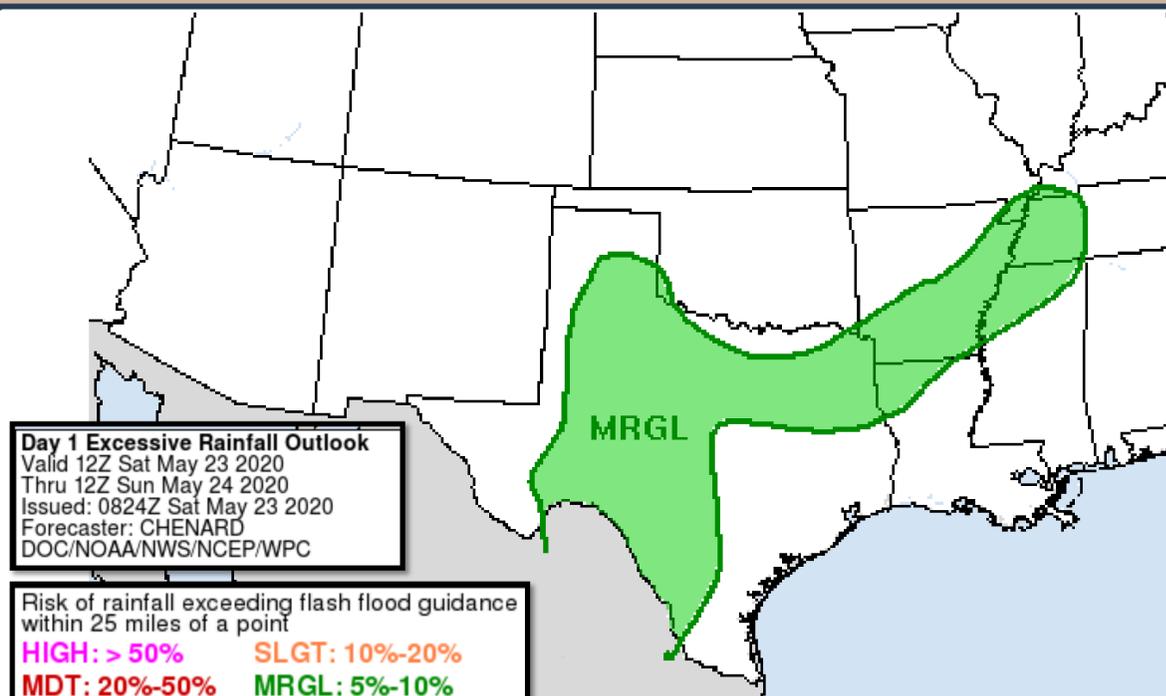
**Slight risk of severe storms over NW TX and SW OK; damaging winds and hail are the main threats.**

**Isolated heavy rainfall/flash flooding possible over much of TX.**

## Severe Weather Outlook



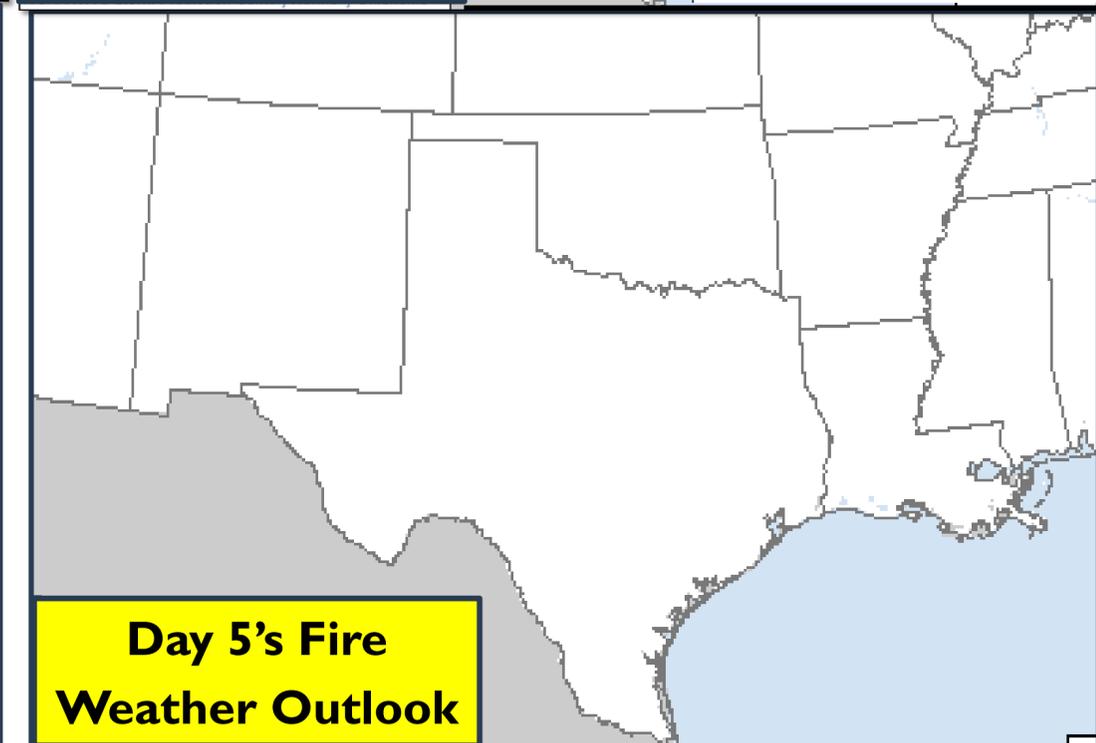
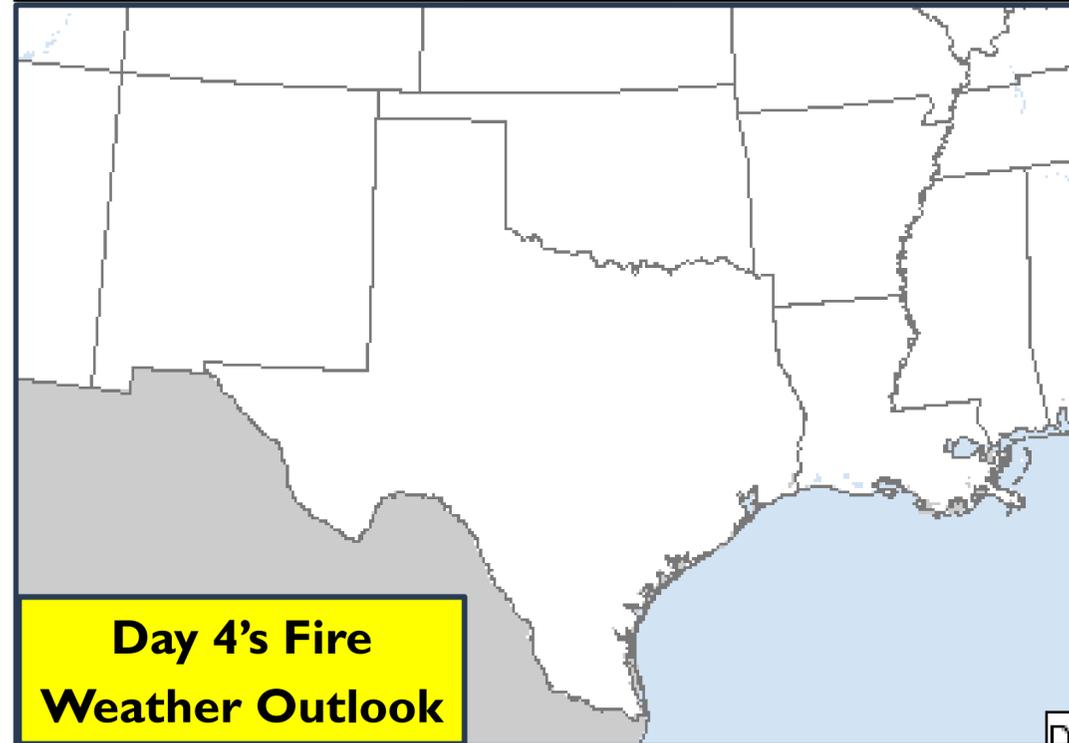
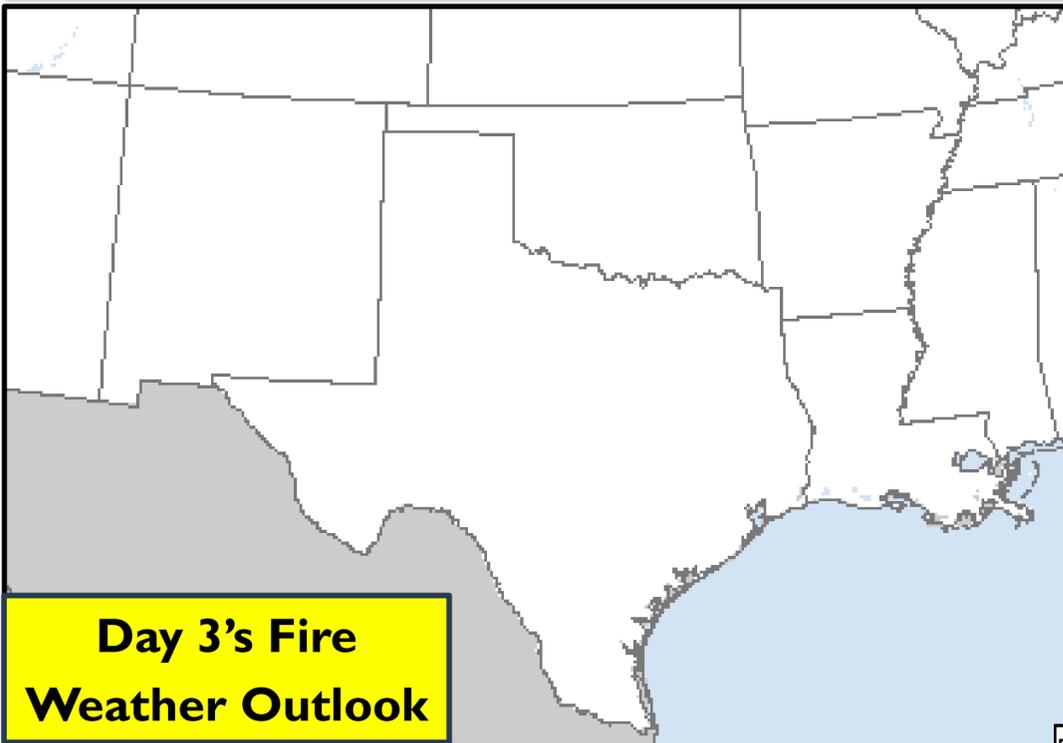
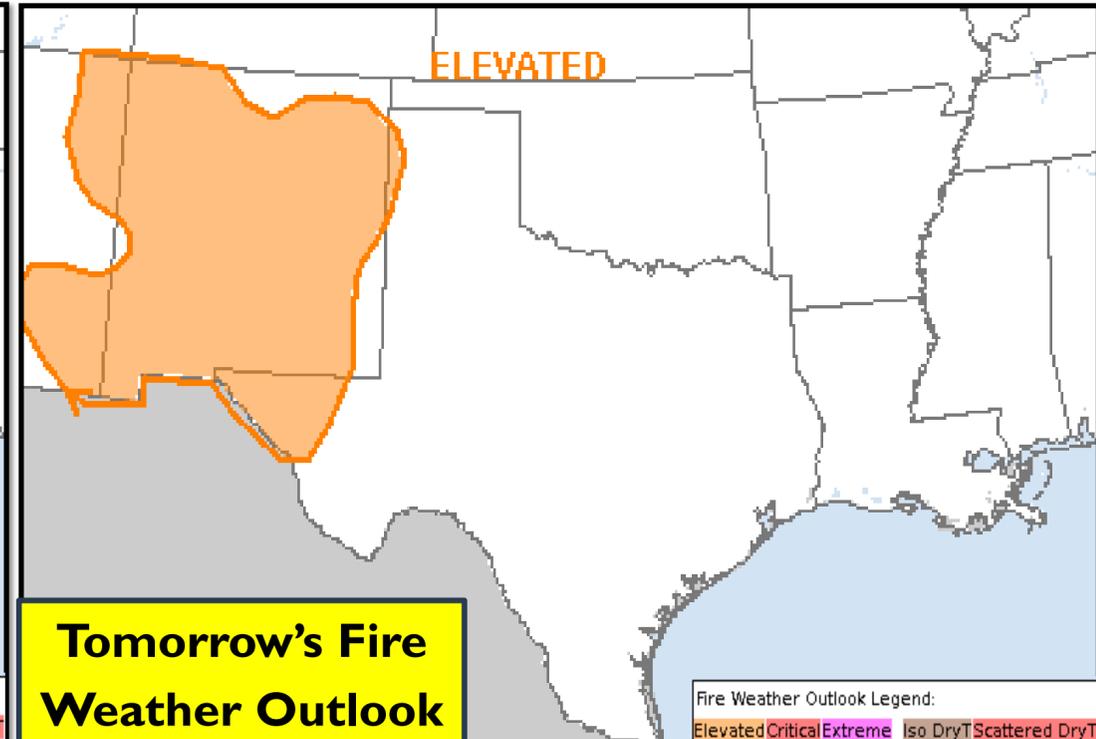
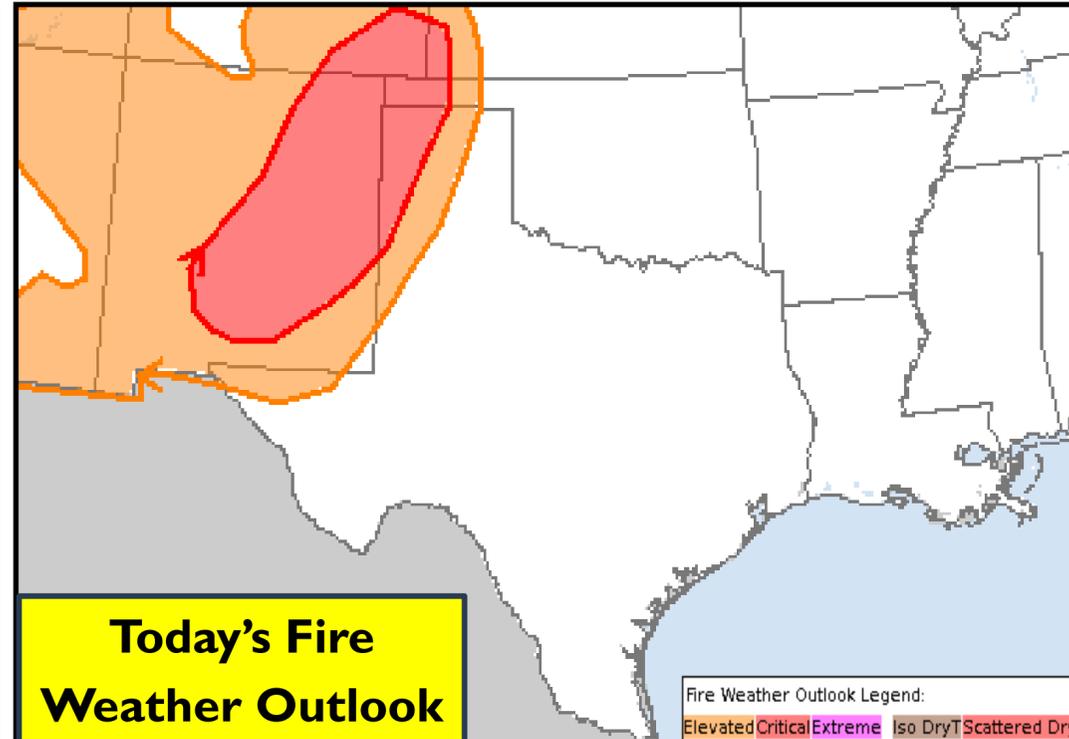
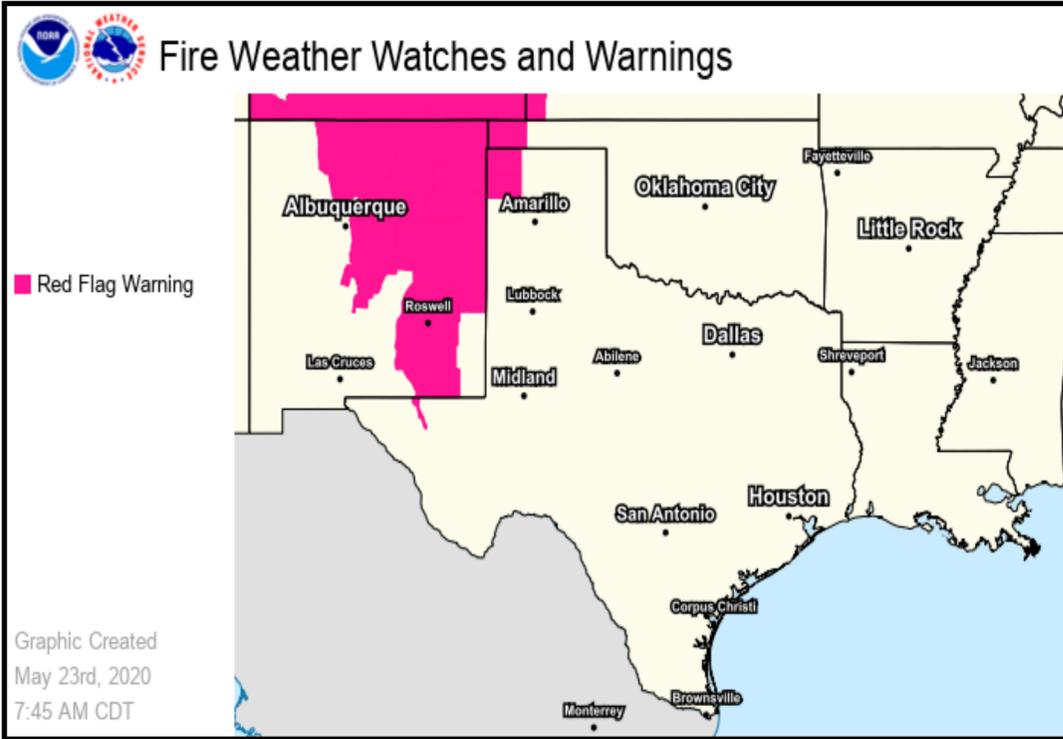
## Excessive Rainfall Outlook



# Fire Weather Outlooks



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**Note: Days 3-5 only highlight Critical areas**

# Tomorrow's Weather



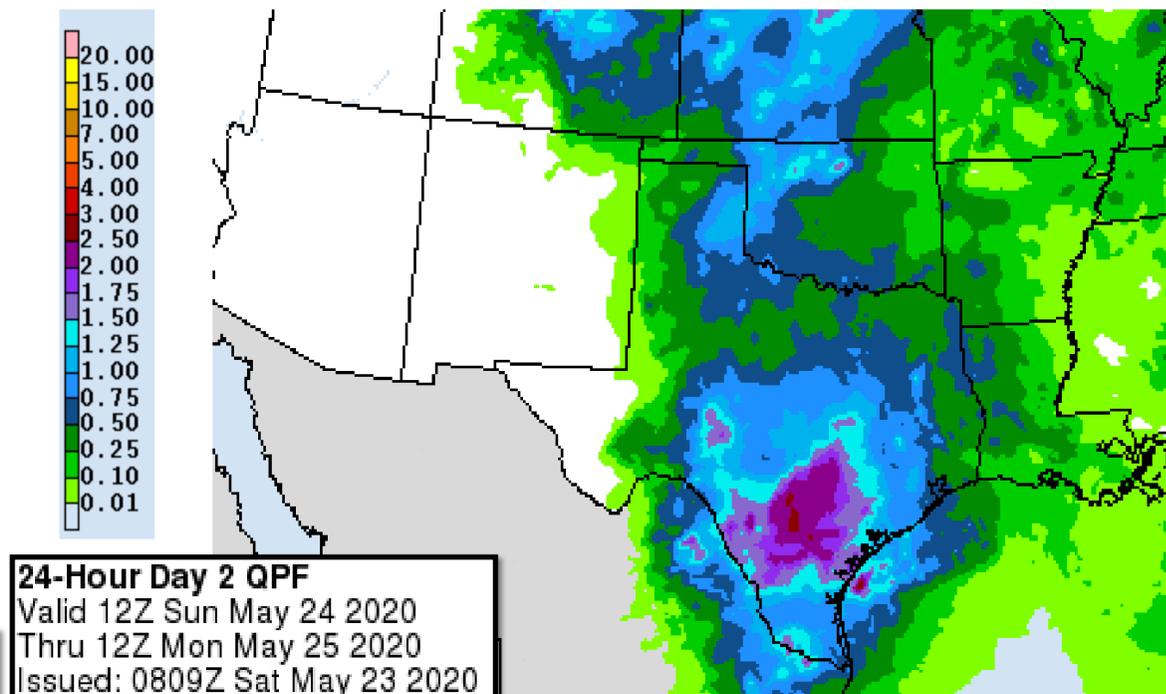
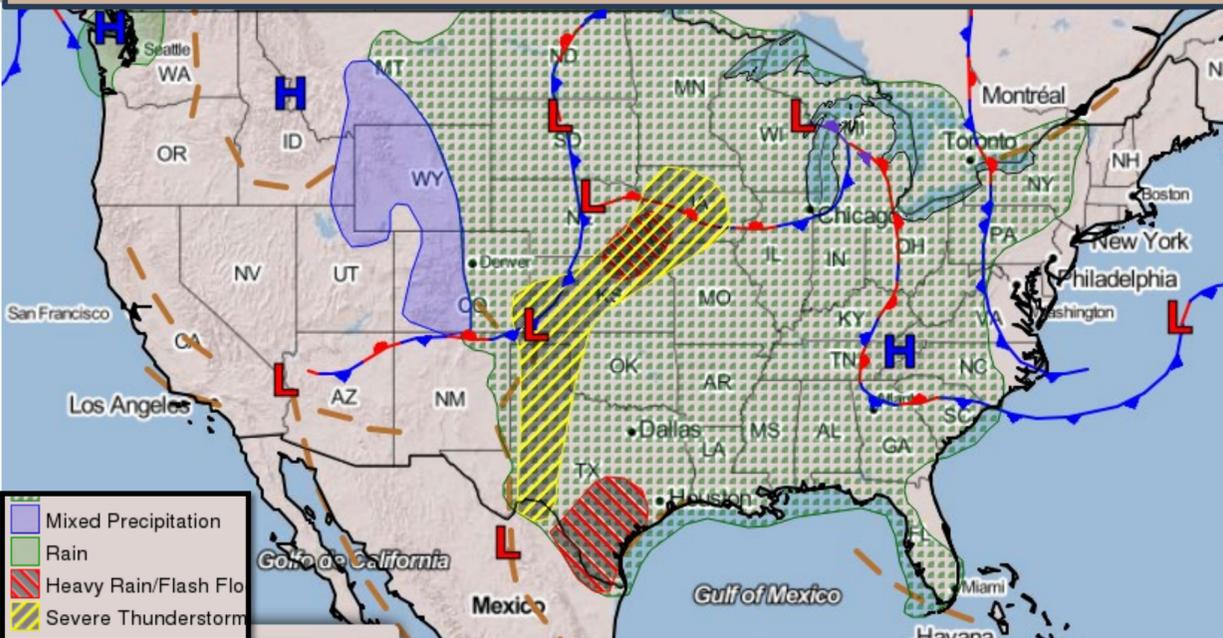
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## Forecast Chart

## Forecast Rainfall

**Heavy rainfall/flash flooding likely across Central & STX.**

**Severe storms across W TX, the Panhandles into W OK.**

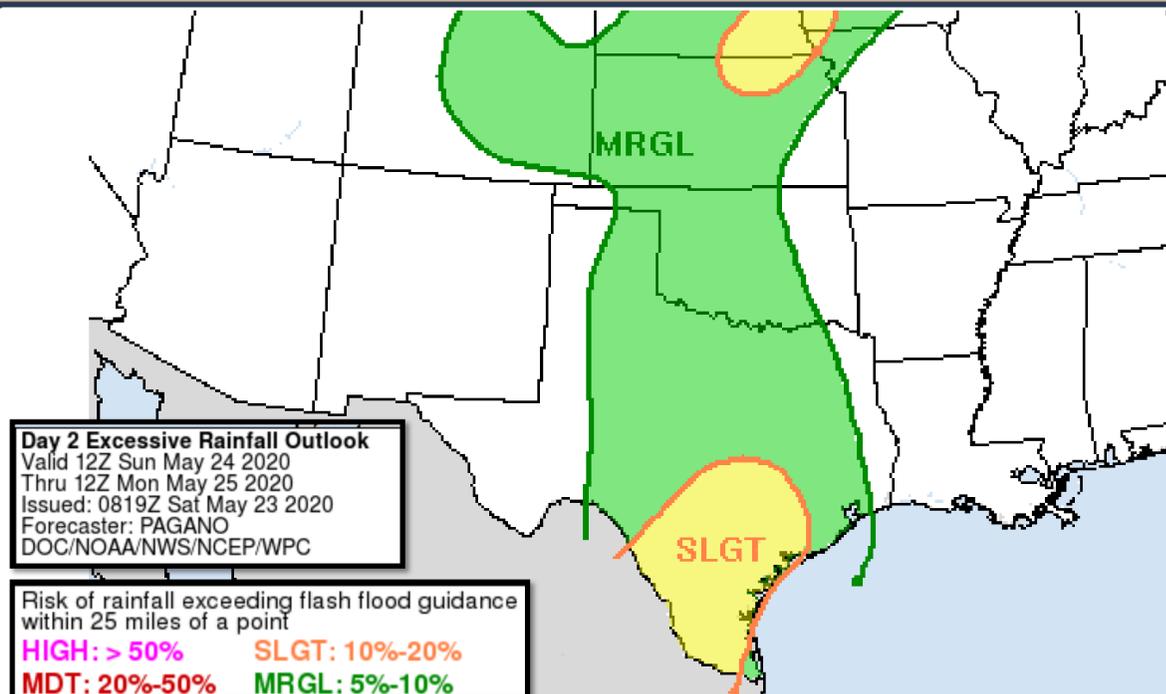
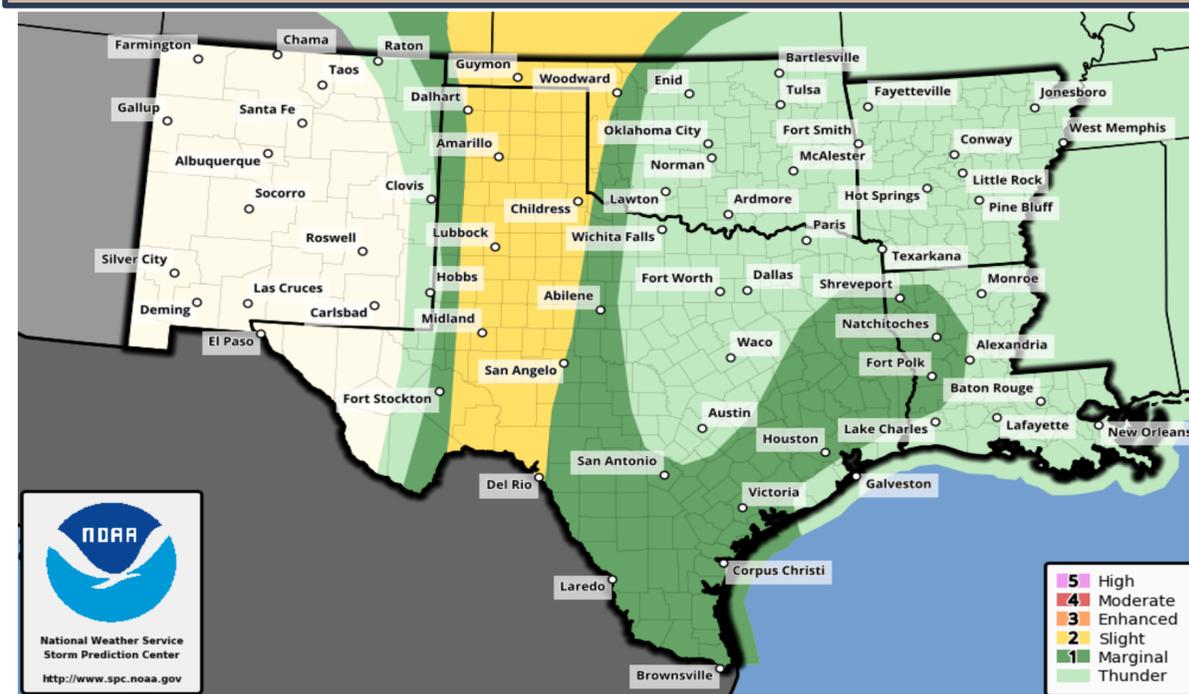


Weather Valid 8am EDT Sun May 24 2020 to 8am EDT Mon May 25 2020  
Fronts Valid 8am EDT Sun May 24 2020  
Issued 4:54 AM EDT Sat, May 23, 2020  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by Kebede with WPC/SPC/NHC forecasts.

**24-Hour Day 2 QPF**  
Valid 12Z Sun May 24 2020  
Thru 12Z Mon May 25 2020  
Issued: 0809Z Sat May 23 2020

## Severe Weather Outlook

## Excessive Rainfall Outlook



**Day 2 Excessive Rainfall Outlook**  
Valid 12Z Sun May 24 2020  
Thru 12Z Mon May 25 2020  
Issued: 0819Z Sat May 23 2020  
Forecaster: PAGANO  
DOC/NOAA/NWS/NCEP/WPC

Risk of rainfall exceeding flash flood guidance within 25 miles of a point

**HIGH: > 50%**      **SLGT: 10%-20%**  
**MDT: 20%-50%**    **MRGL: 5%-10%**



# Monday's Weather



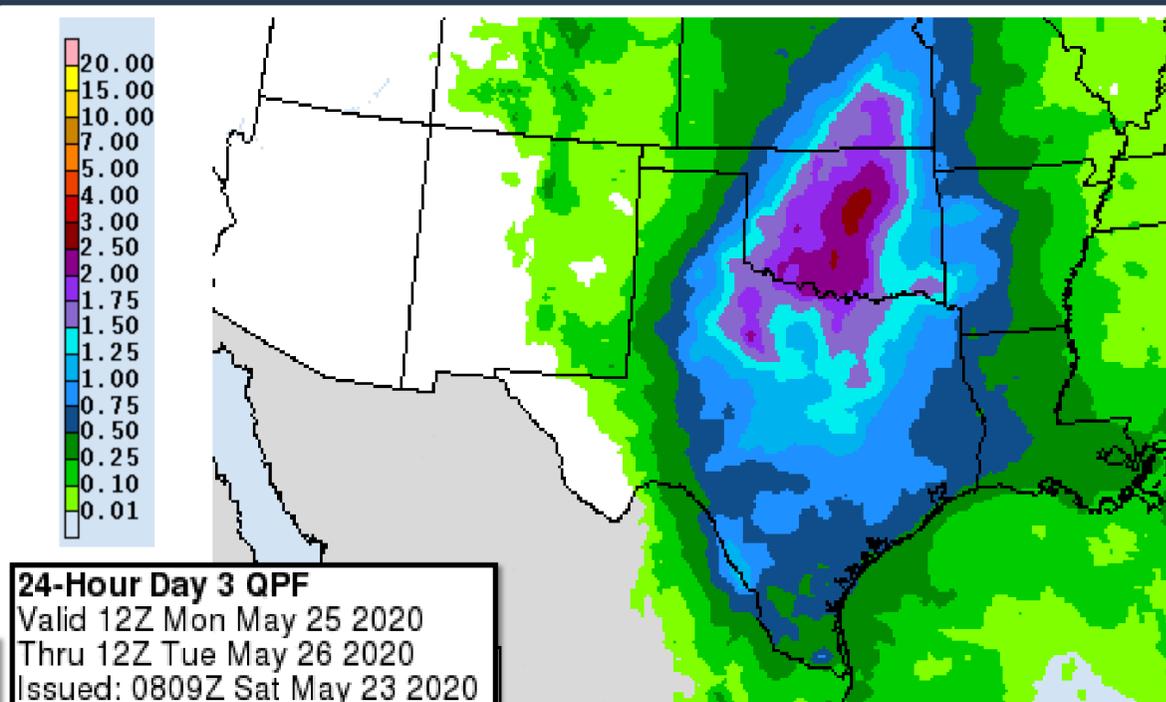
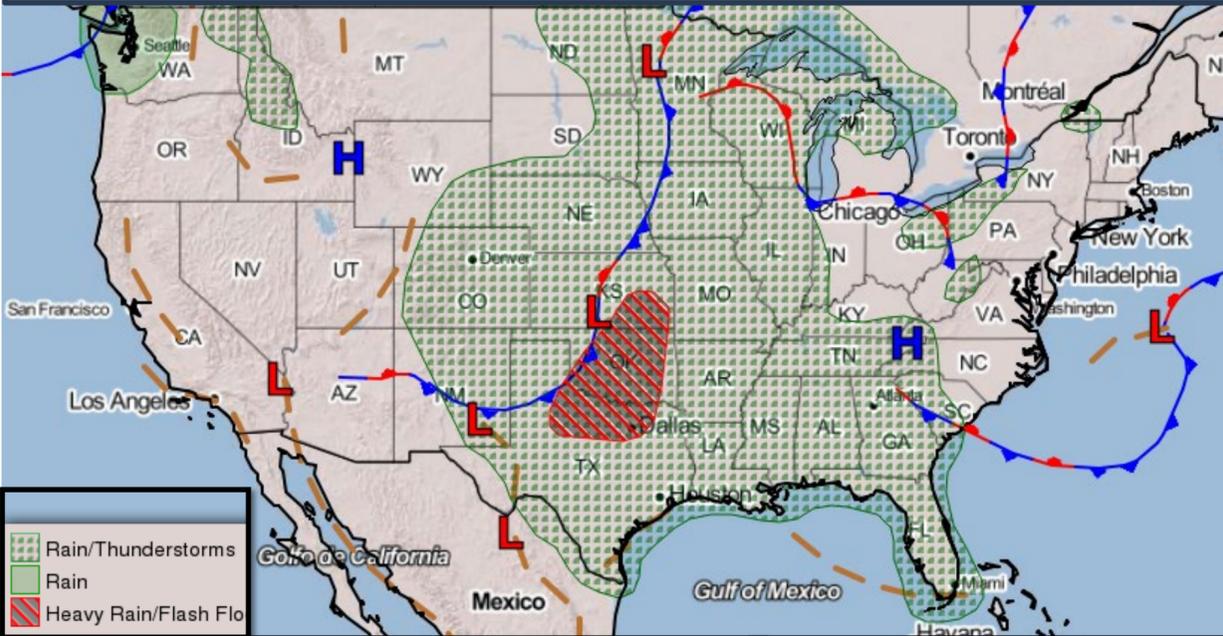
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## Forecast Chart

## Forecast Rainfall

**Heavy rain/flash flooding remains possible across much of TX and OK.**

**Isolated severe storms across N TX and OK**

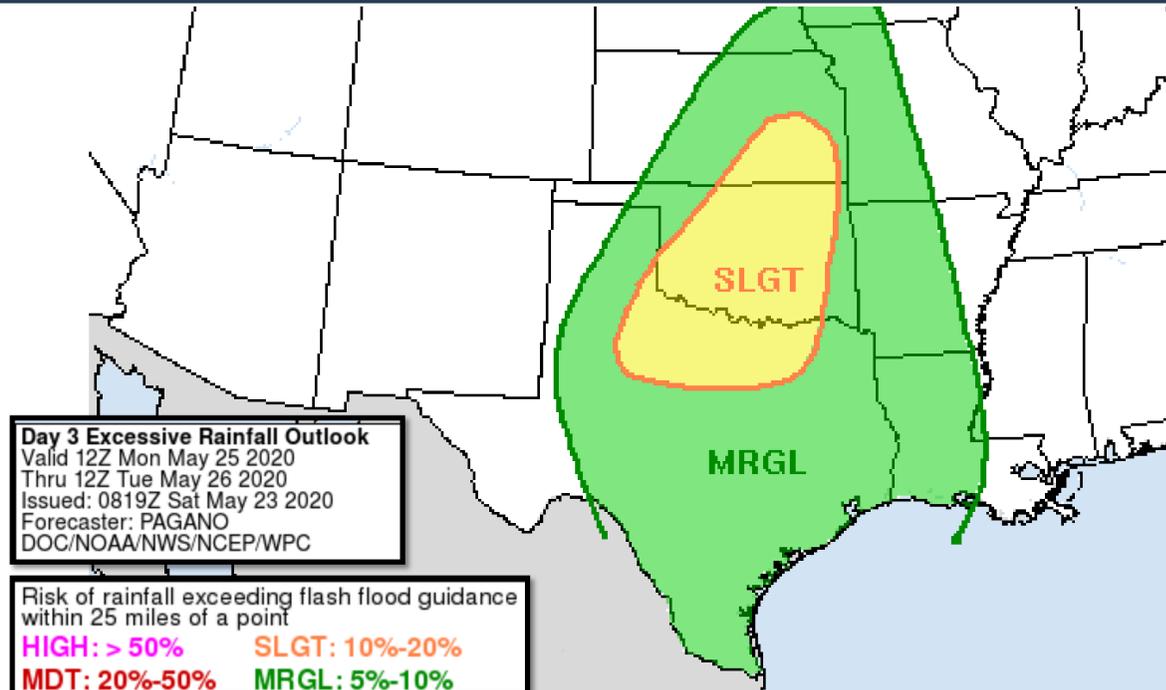


Weather Valid 8am EDT Mon May 25 2020 to 8am EDT Tue May 26 2020  
Fronts Valid 8am EDT Mon May 25 2020  
Issued 4:57 AM EDT Sat, May 23, 2020  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by Kebede with WPC/SPC/NHC forecasts.

**24-Hour Day 3 QPF**  
Valid 12Z Mon May 25 2020  
Thru 12Z Tue May 26 2020  
Issued: 0809Z Sat May 23 2020

## Severe Weather Outlook

## Excessive Rainfall Outlook



**Day 3 Excessive Rainfall Outlook**  
Valid 12Z Mon May 25 2020  
Thru 12Z Tue May 26 2020  
Issued: 0819Z Sat May 23 2020  
Forecaster: PAGANO  
DOC/NOAA/NWS/NCEP/WPC

Risk of rainfall exceeding flash flood guidance within 25 miles of a point  
**HIGH: > 50%**      **SLGT: 10%-20%**  
**MDT: 20%-50%**    **MRGL: 5%-10%**

# Days 4-5 Weather Hazards

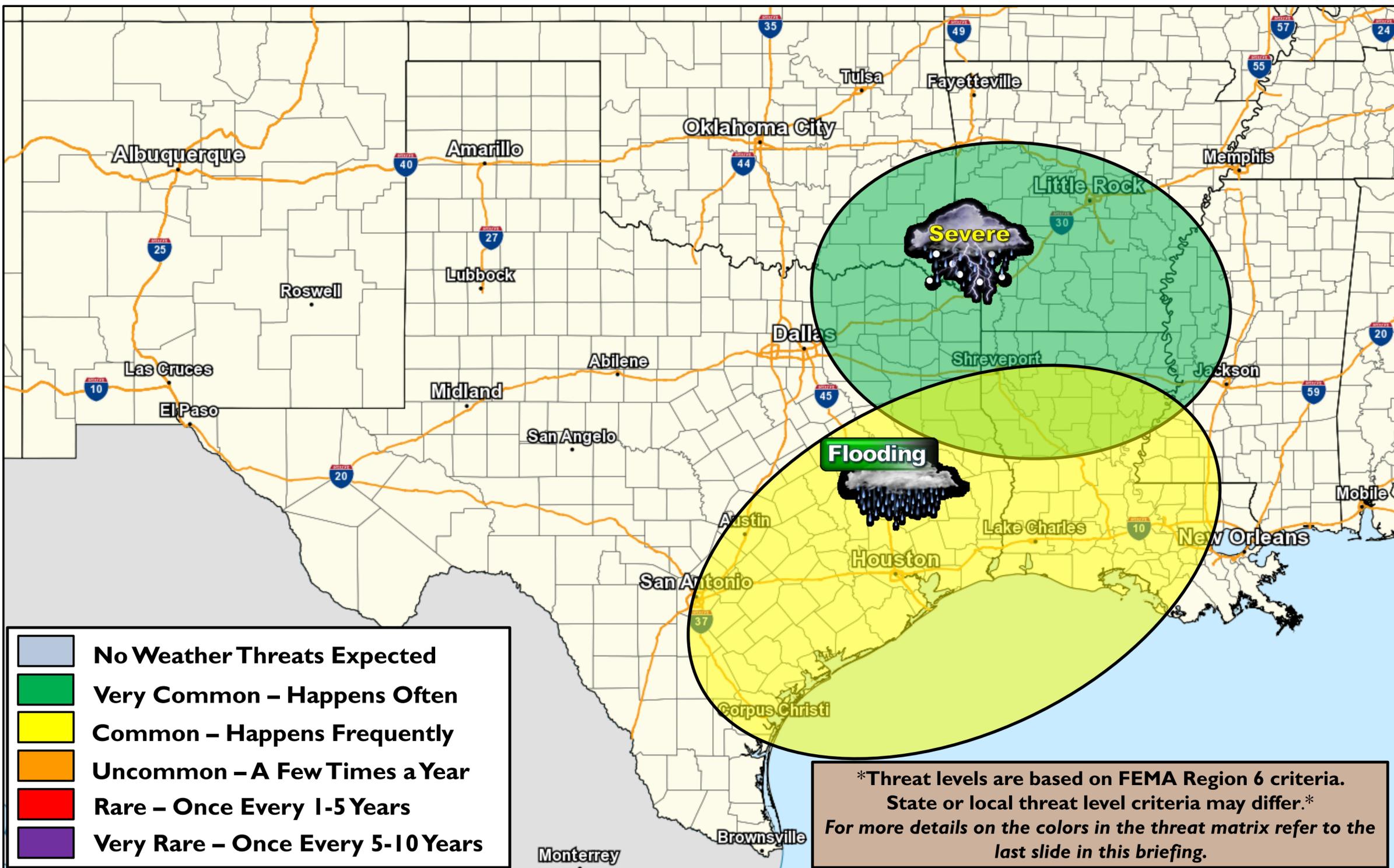
Tuesday - Wednesday



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Heavy rainfall/flash flooding may continue into Tuesday and Wednesday over SE TX into LA.

Severe storms Tuesday over ArkLaTex

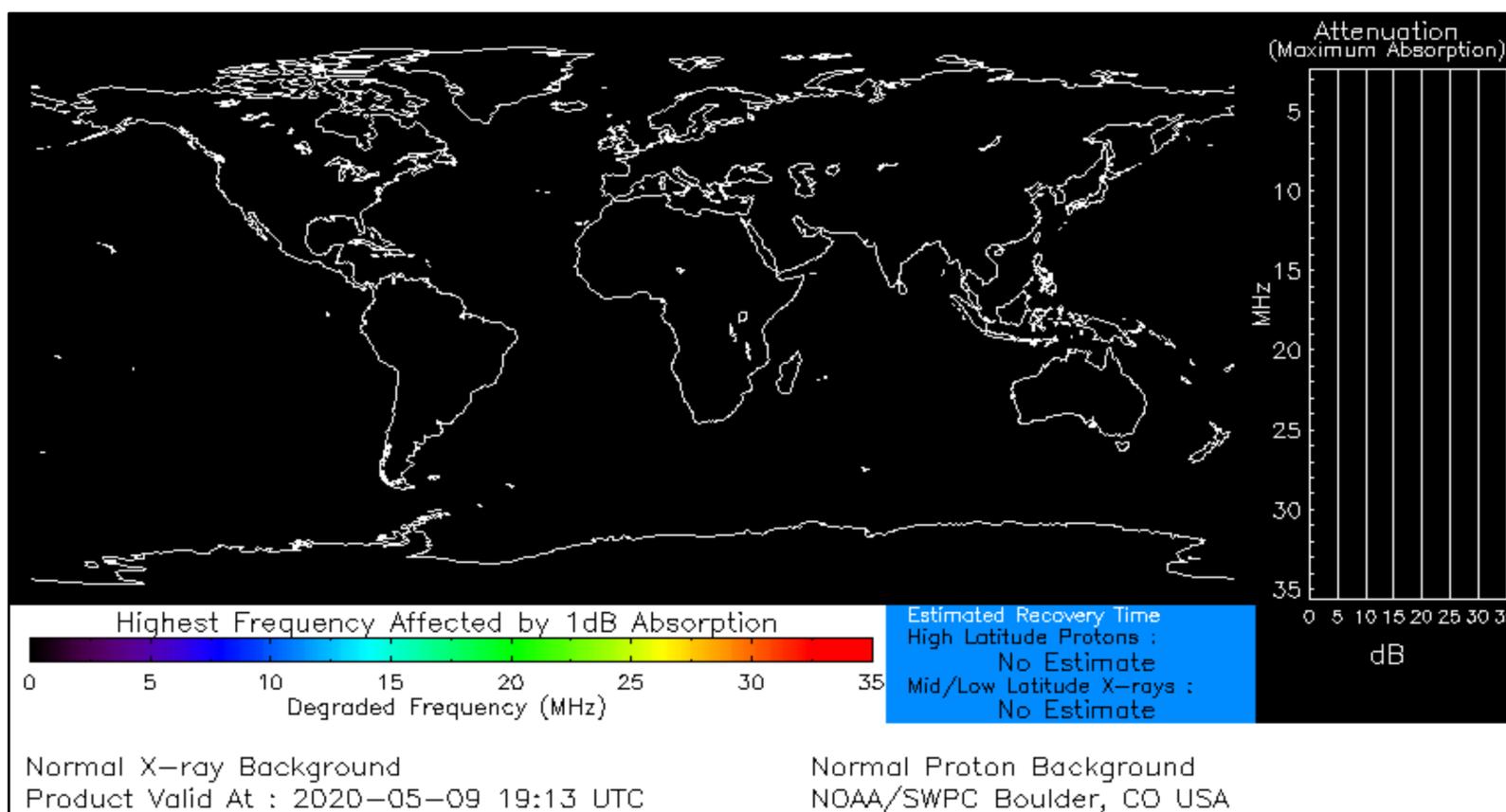


# Space Weather 3-Day Forecast



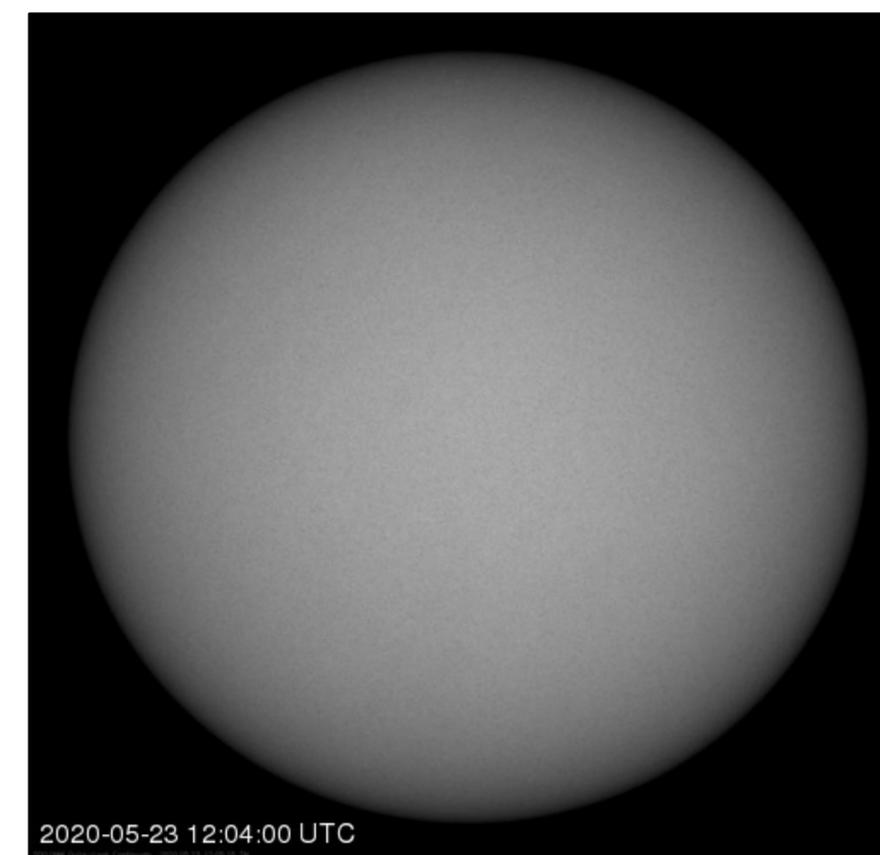
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	Saturday	Sunday	Monday
<b>Geomagnetic Storms</b>	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)
<b>Solar Radiation Storm (S1-S5)</b>	1%	1%	1%
<b>Radio Blackout (R1-R2)</b>	1%	1%	1%
<b>Radio Blackout (R3-R5)</b>	1%	1%	1%



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

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





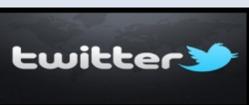
**For more information, please contact:**

**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).**