



# FEMA



Prepared by  
*Todd Beal*

# FEMA Region 6 Weather Threat Briefing

Saturday May 2, 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 strong to severe storms on Sunday across N AR.**
- **Severe storms across NE OK and N AR on Monday. Large hail and damaging winds are the main threats.**
- **Elevated to critical fire weather conditions across portions of NM & W TX today and Sunday and across eastern NM on Monday.**

# FEMA Region 6 Threat Matrix

May 2, 2020 - May 6, 2020



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DAY / THREAT	Sat	Sun	Mon	Tue	Wed
Severe Storms		N AR	NE OK/N AR		
Heavy Rain / Flash Flooding					
Fire Weather	E NM, TX S Plains	NM	E NM		
	NM, W TX				
Tropical Weather					
Winter Weather					
River Flooding	MS River	MS River	MS River	MS River	MS River
	AR/LA/E TX	AR/LA/E TX	AR/LA/E TX	AR/LA/E TX	AR/LA/E 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

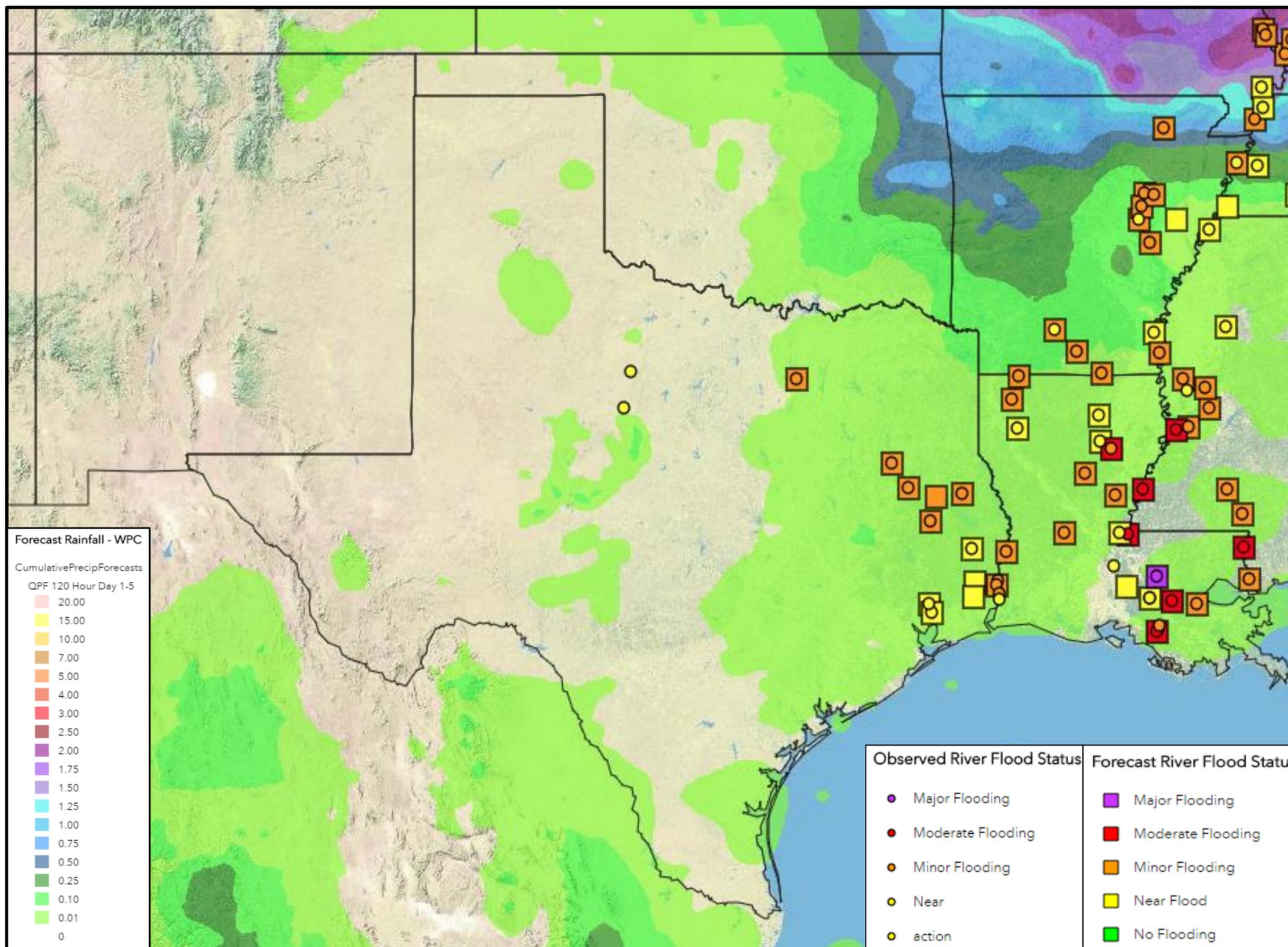
*\*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.\**  
*For more details on the colors in the threat matrix refer to the last slide in this briefing.*

# 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



- Moderate flooding continues south of Vicksburg on the MS River. Points will continue to recede, outside of Baton Rouge that will remain at major flood stage through mid-May, with impacts mainly to agriculture and navigation.
- The Atchafalaya River at Morgan City, LA will maintain moderate flood stage through next week. Some flooding of buildings possible.

Minor river flooding continues across AR and ETX with minor and isolated moderate flooding in LA. Impacts are primarily to agriculture and secondary roads.

# Today's Weather

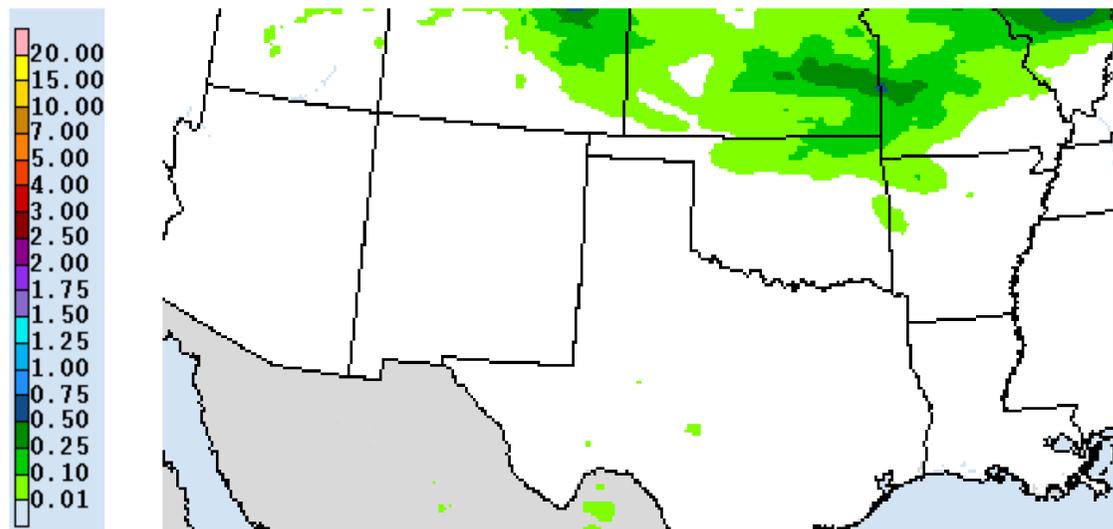
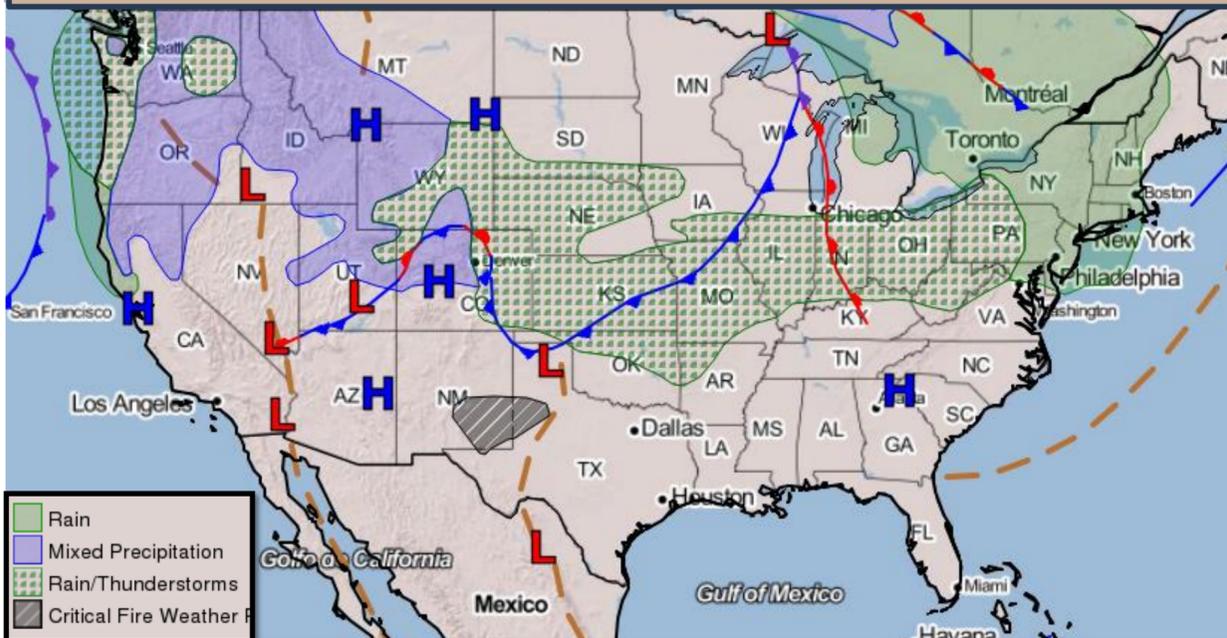


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## Forecast Chart

## Forecast Rainfall

**No significant weather expected.**



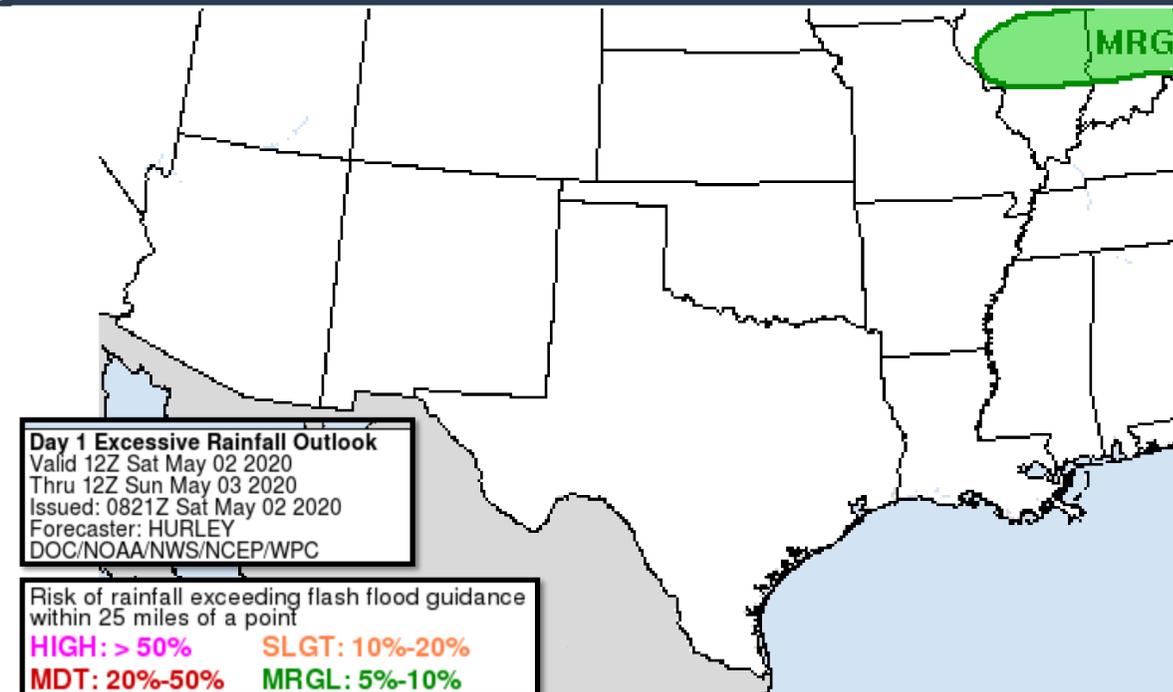
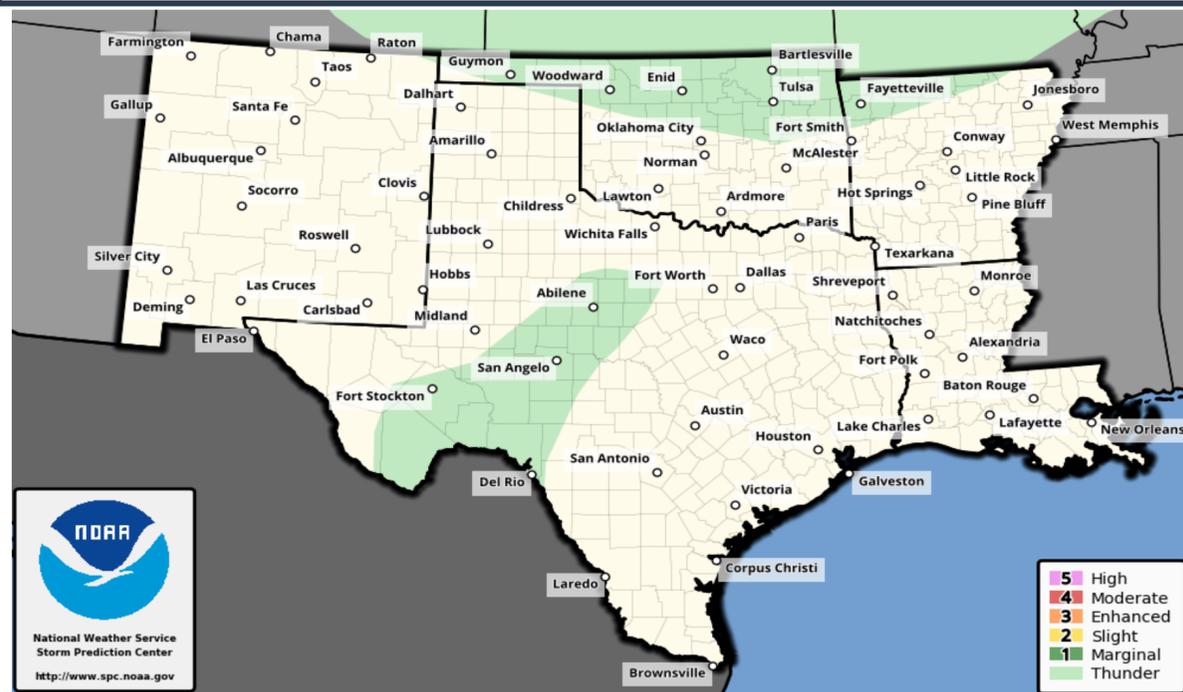
Weather Valid 8am EDT Sat May 02 2020 to 8am EDT Sun May 03 2020  
Fronts Valid 8am EDT Sat May 02 2020

Issued 5:16 AM EDT Sat, May 02, 2020  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by Hurley with WPC/SPC/NHC forecasts.

**24-Hour Day 1 QPF**  
Valid 12Z Sat May 02 2020  
Thru 12Z Sun May 03 2020  
Issued: 0721Z Sat May 02 2020

## Severe Weather Outlook

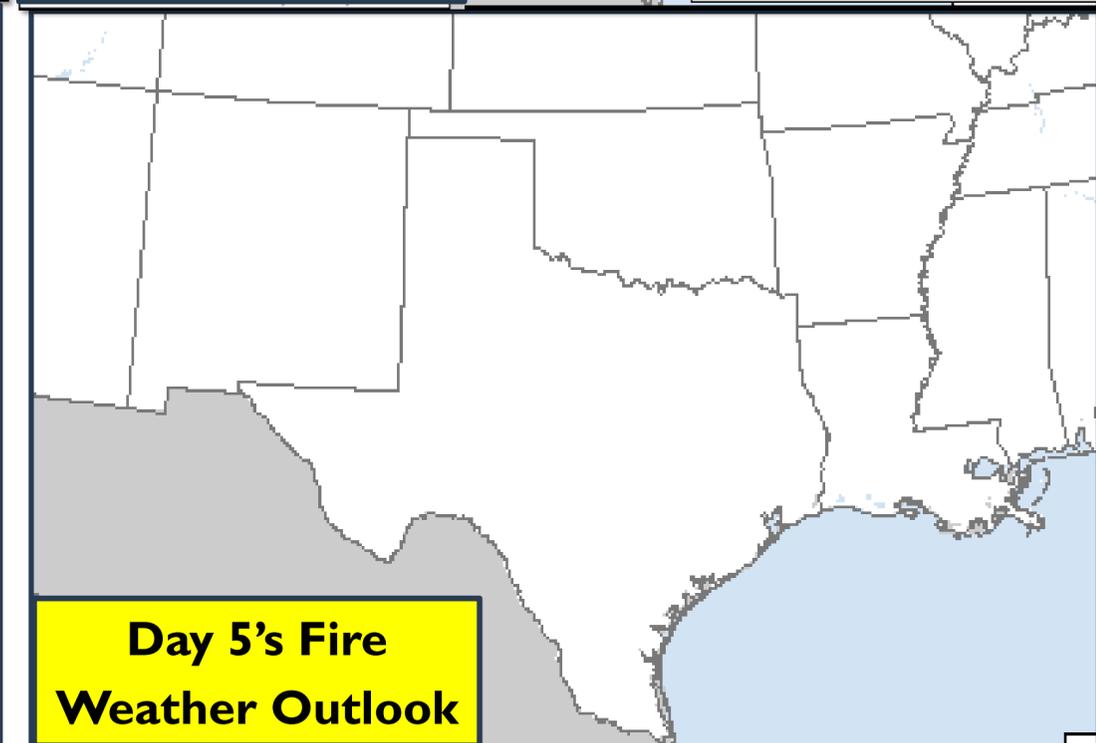
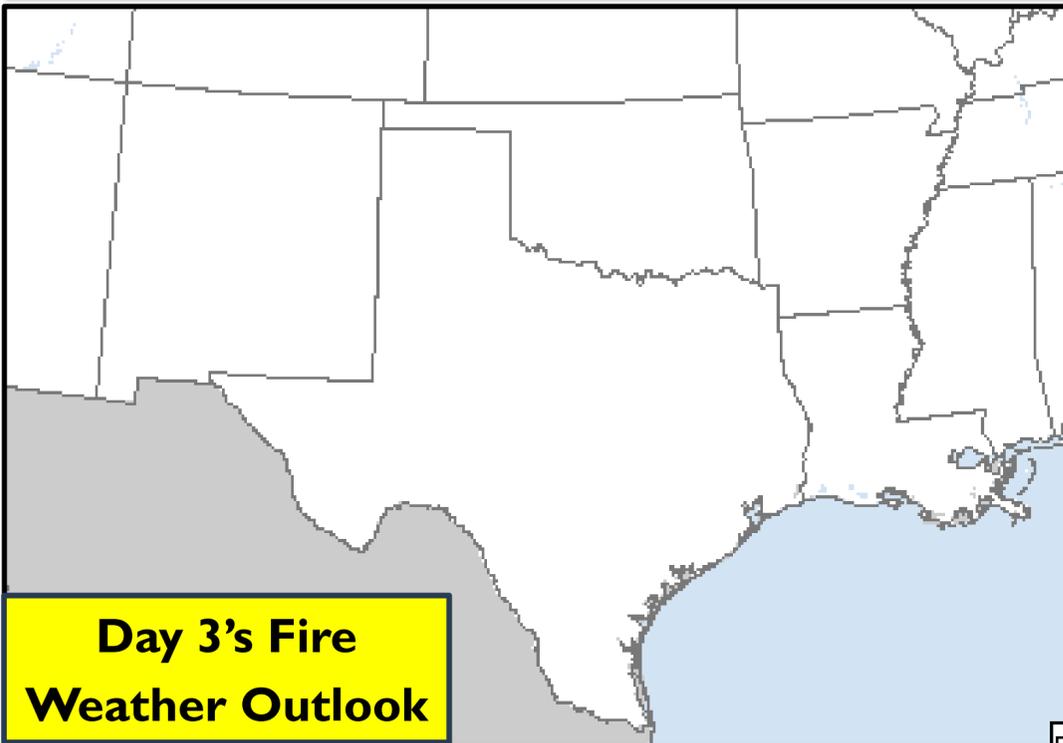
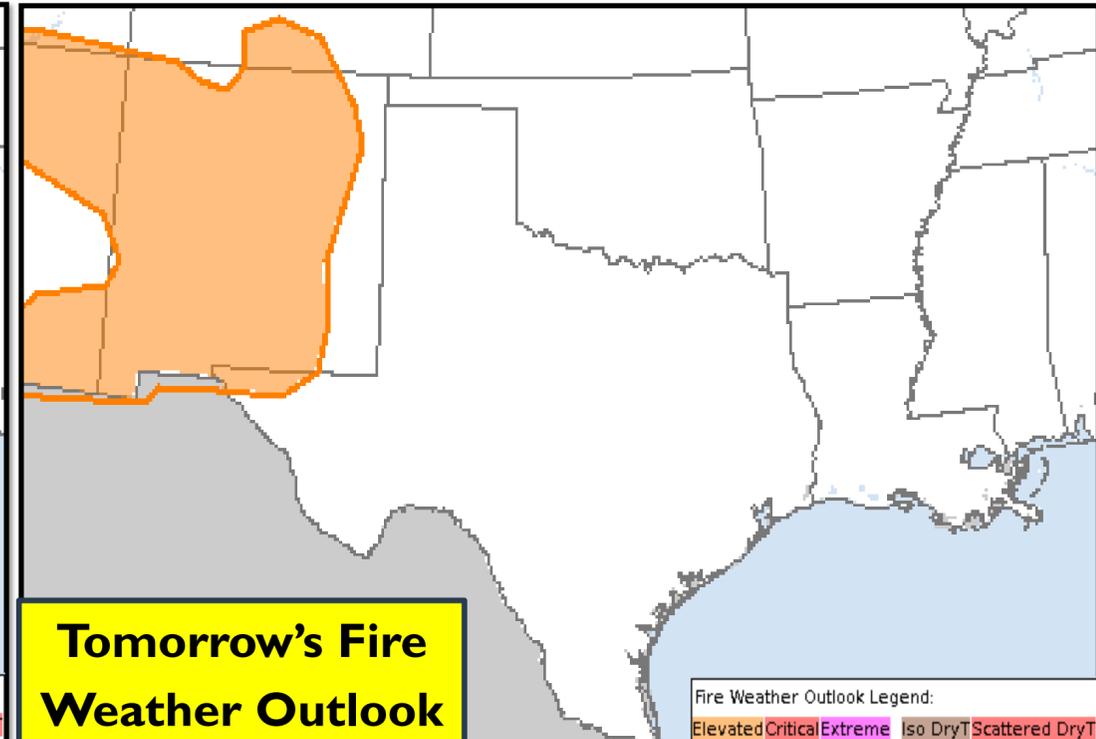
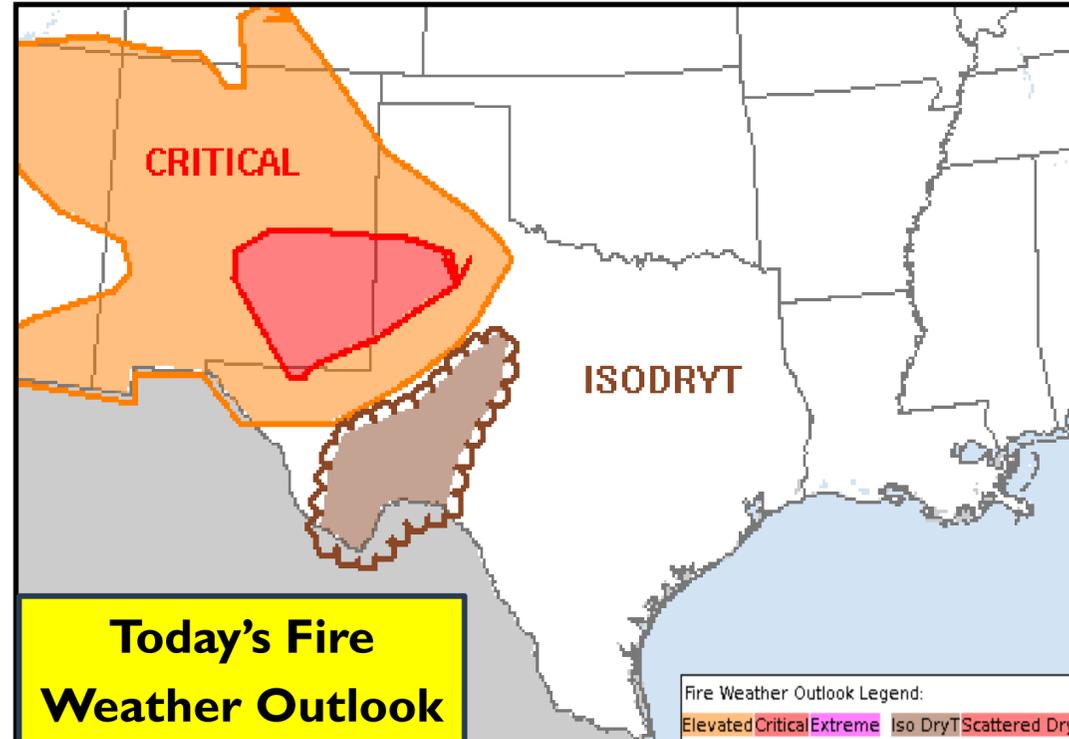
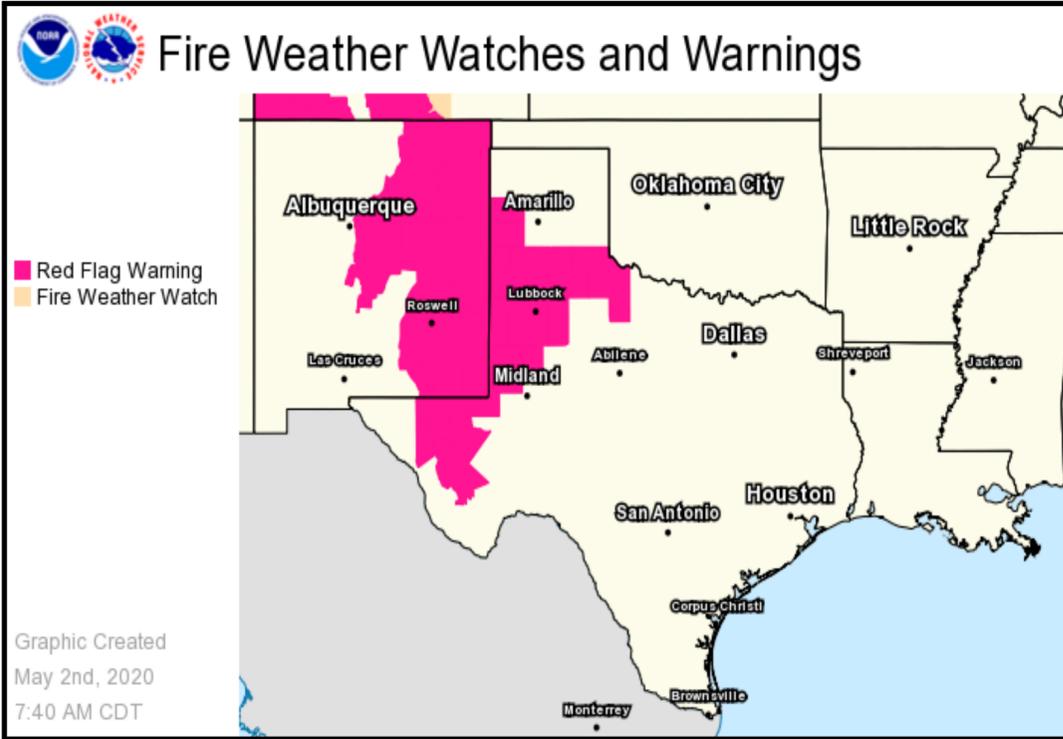
## Excessive Rainfall Outlook



# Fire Weather Outlooks



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

# Tomorrow's Weather

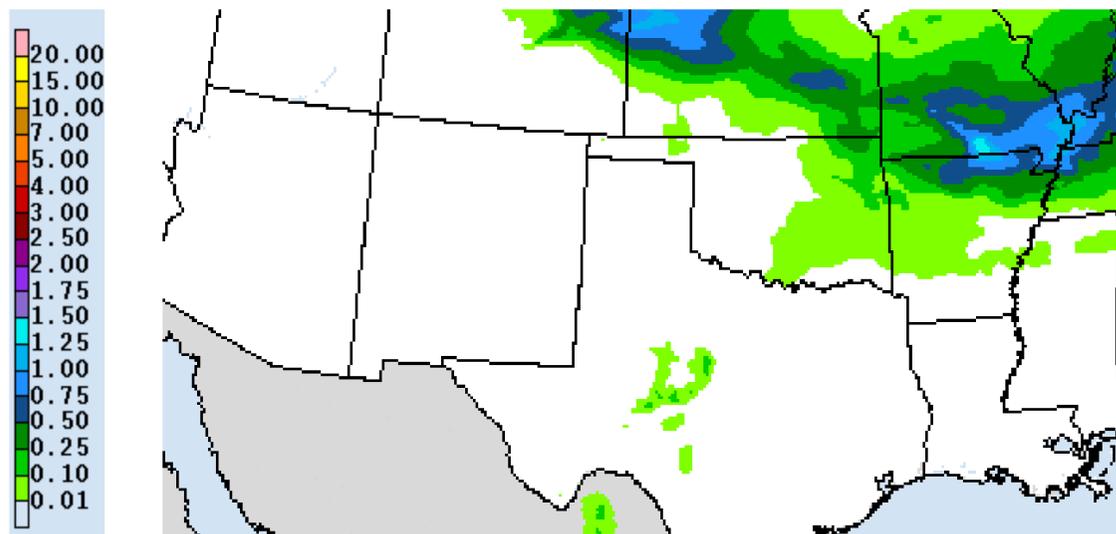
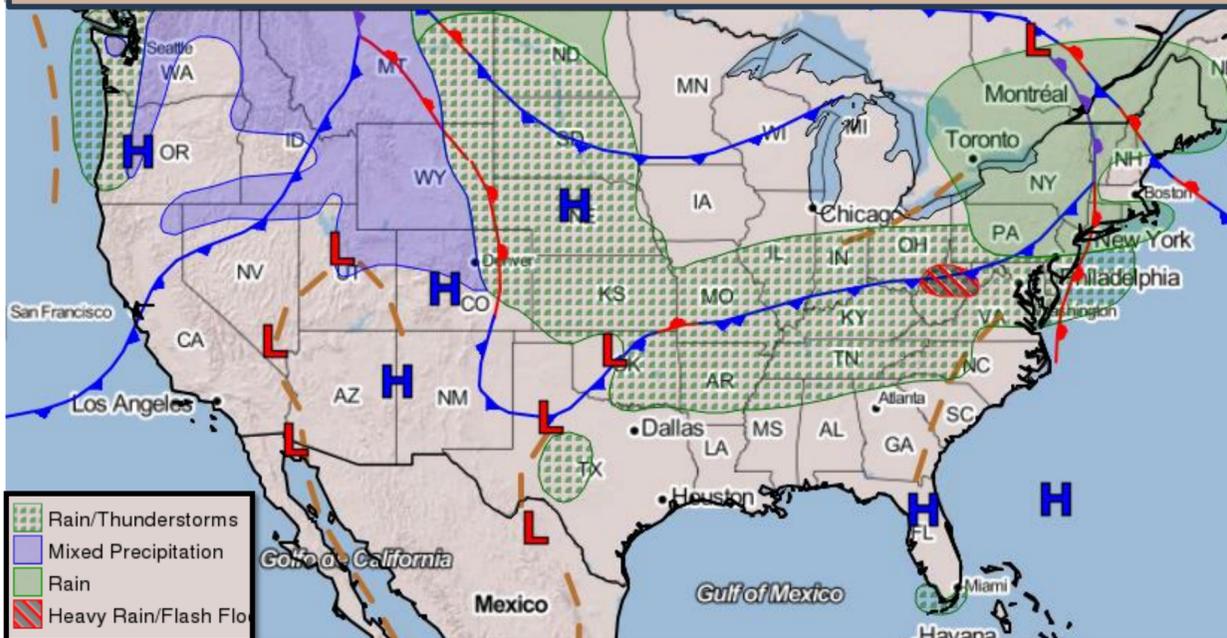


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## Forecast Chart

## Forecast Rainfall

**Isolated strong to severe storms over NAR.**



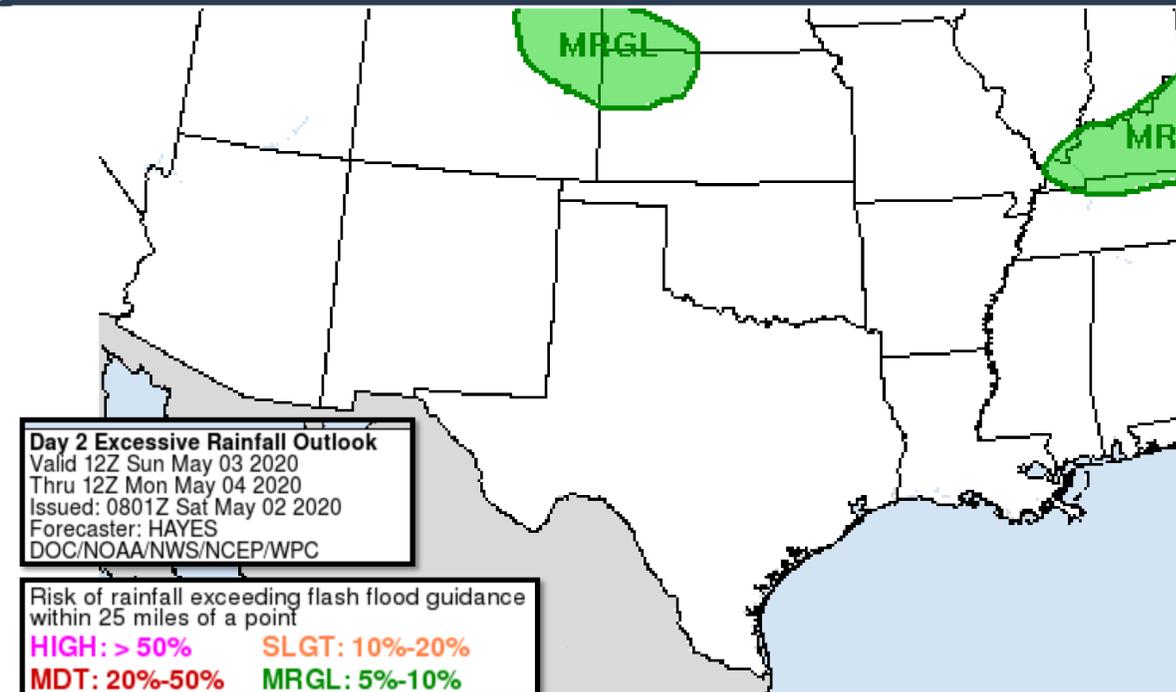
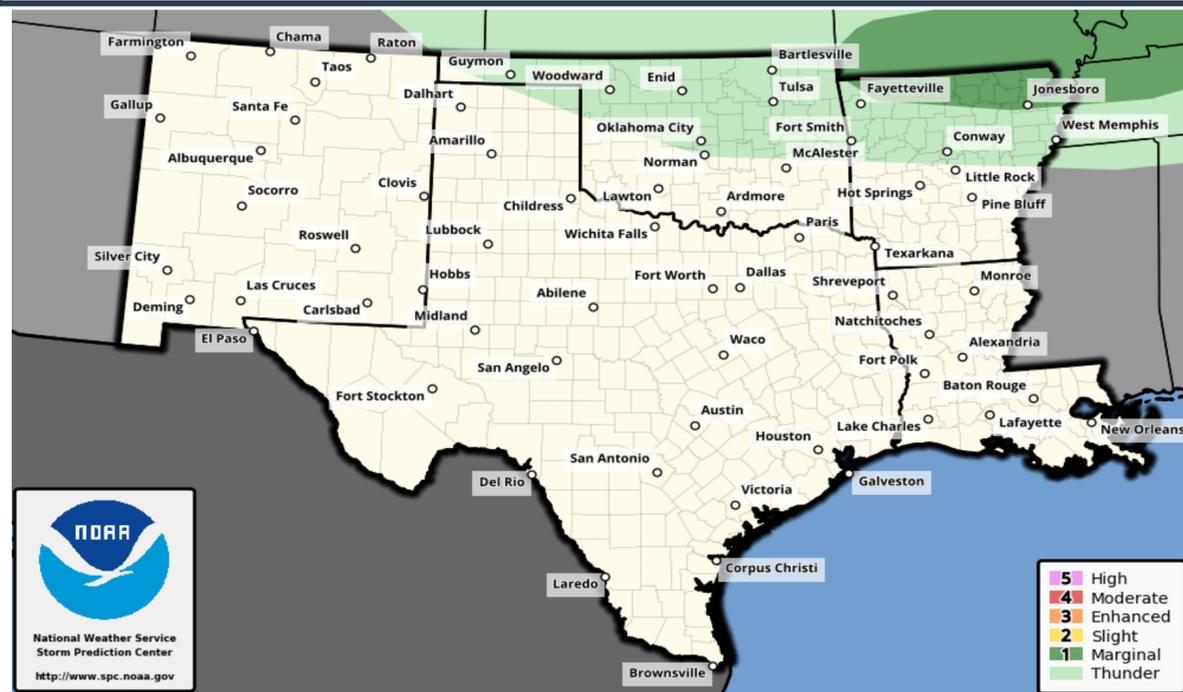
Weather Valid 8am EDT Sun May 03 2020 to 8am EDT Mon May 04 2020  
Fronts Valid 8am EDT Sun May 03 2020

Issued 4:54 AM EDT Sat, May 02, 2020  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by Snell with WPC/SPC/NHC forecasts.

24-Hour Day 2 QPF  
Valid 12Z Sun May 03 2020  
Thru 12Z Mon May 04 2020  
Issued: 0737Z Sat May 02 2020

## Severe Weather Outlook

## Excessive Rainfall Outlook



# Monday's Weather

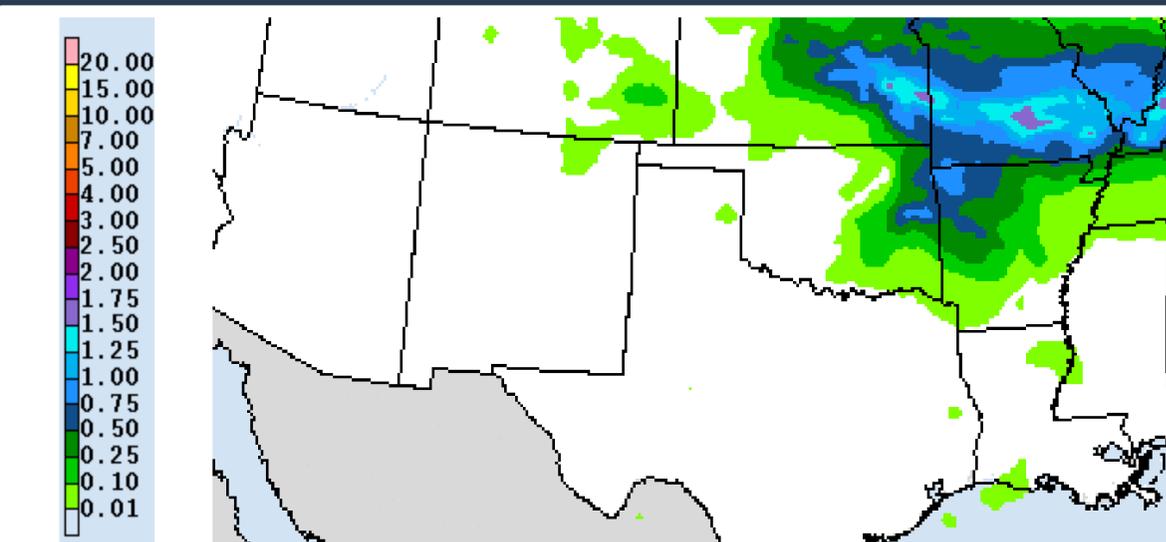
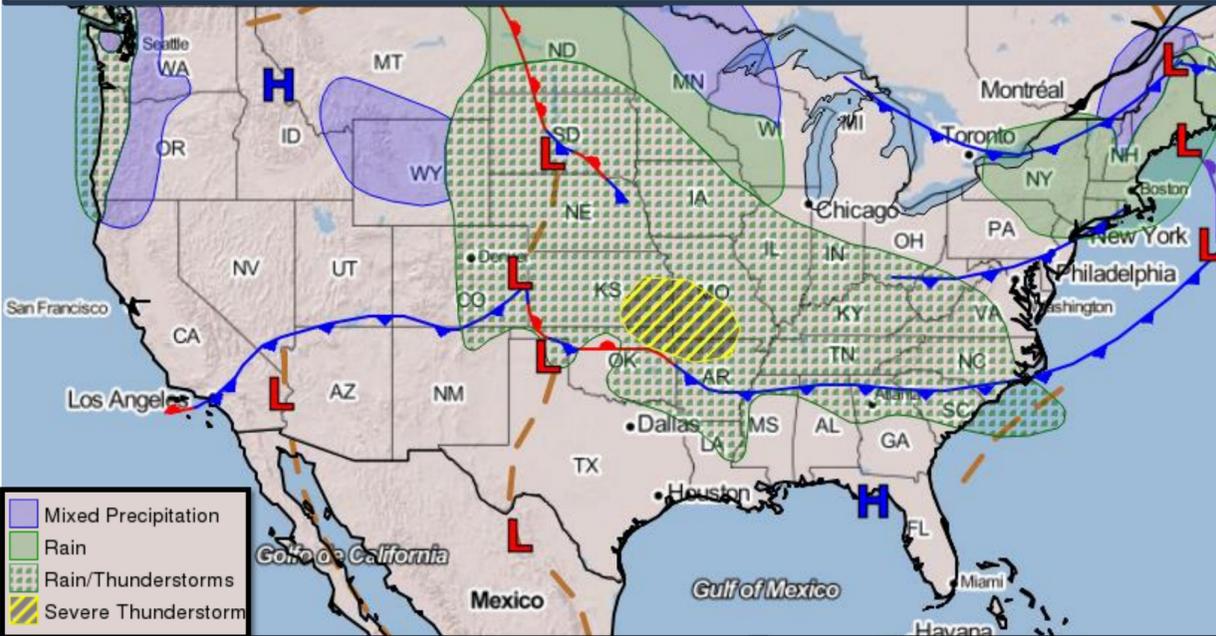


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## Forecast Chart

## Forecast Rainfall

**Severe thunderstorms across NE OK/N AR. Large hail and damaging winds are the main threats.**

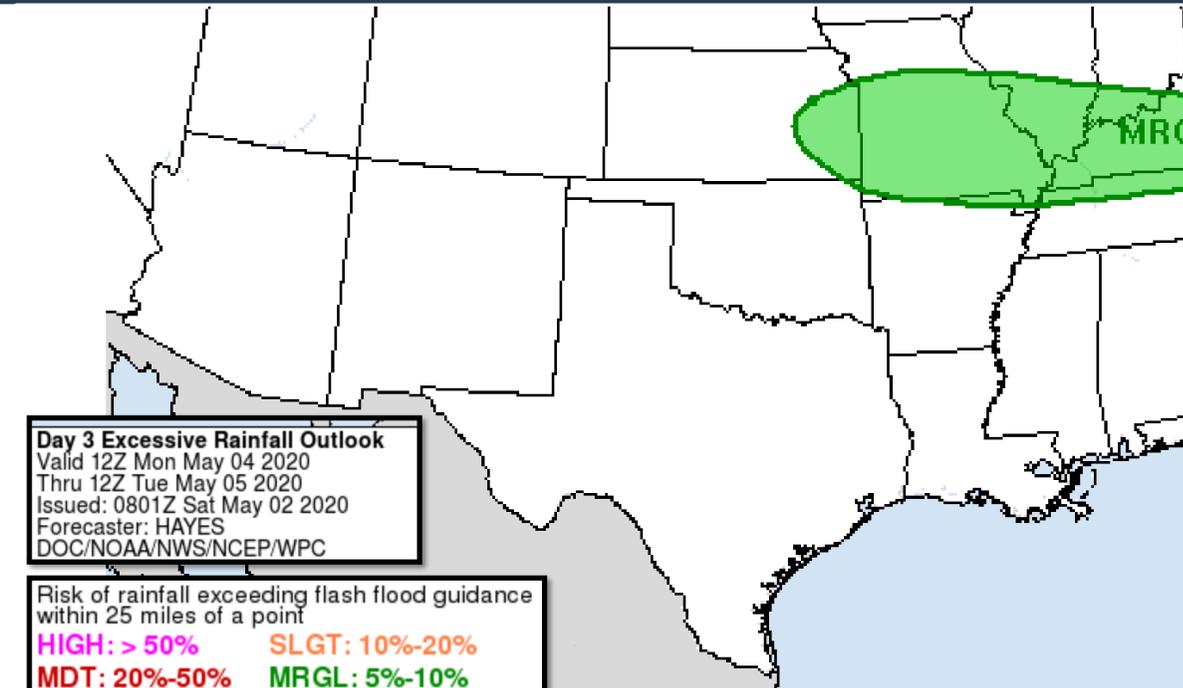
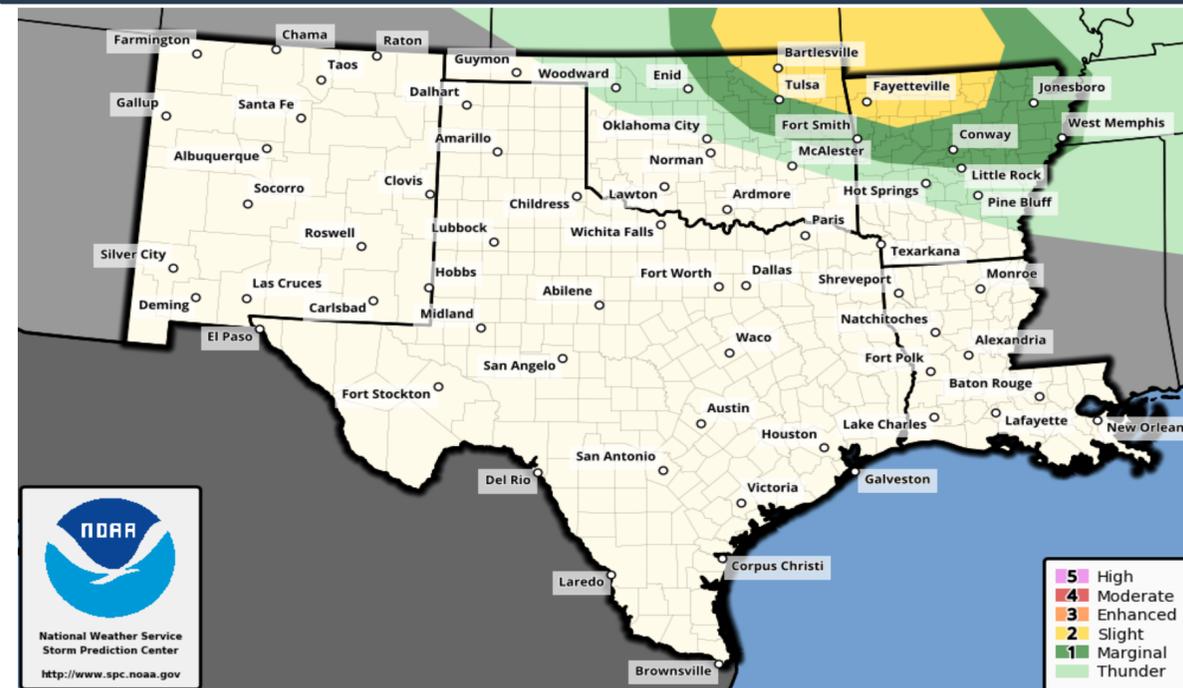


Weather Valid 8am EDT Mon May 04 2020 to 8am EDT Tue May 05 2020  
Fronts Valid 8am EDT Mon May 04 2020  
Issued 4:55 AM EDT Sat, May 02, 2020  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by Snell with WPC/SPC/NHC forecasts.

**24-Hour Day 3 QPF**  
Valid 12Z Mon May 04 2020  
Thru 12Z Tue May 05 2020  
Issued: 0737Z Sat May 02 2020

## Severe Weather Outlook

## Excessive Rainfall Outlook



**Day 3 Excessive Rainfall Outlook**  
Valid 12Z Mon May 04 2020  
Thru 12Z Tue May 05 2020  
Issued: 0801Z Sat May 02 2020  
Forecaster: HAYES  
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%**

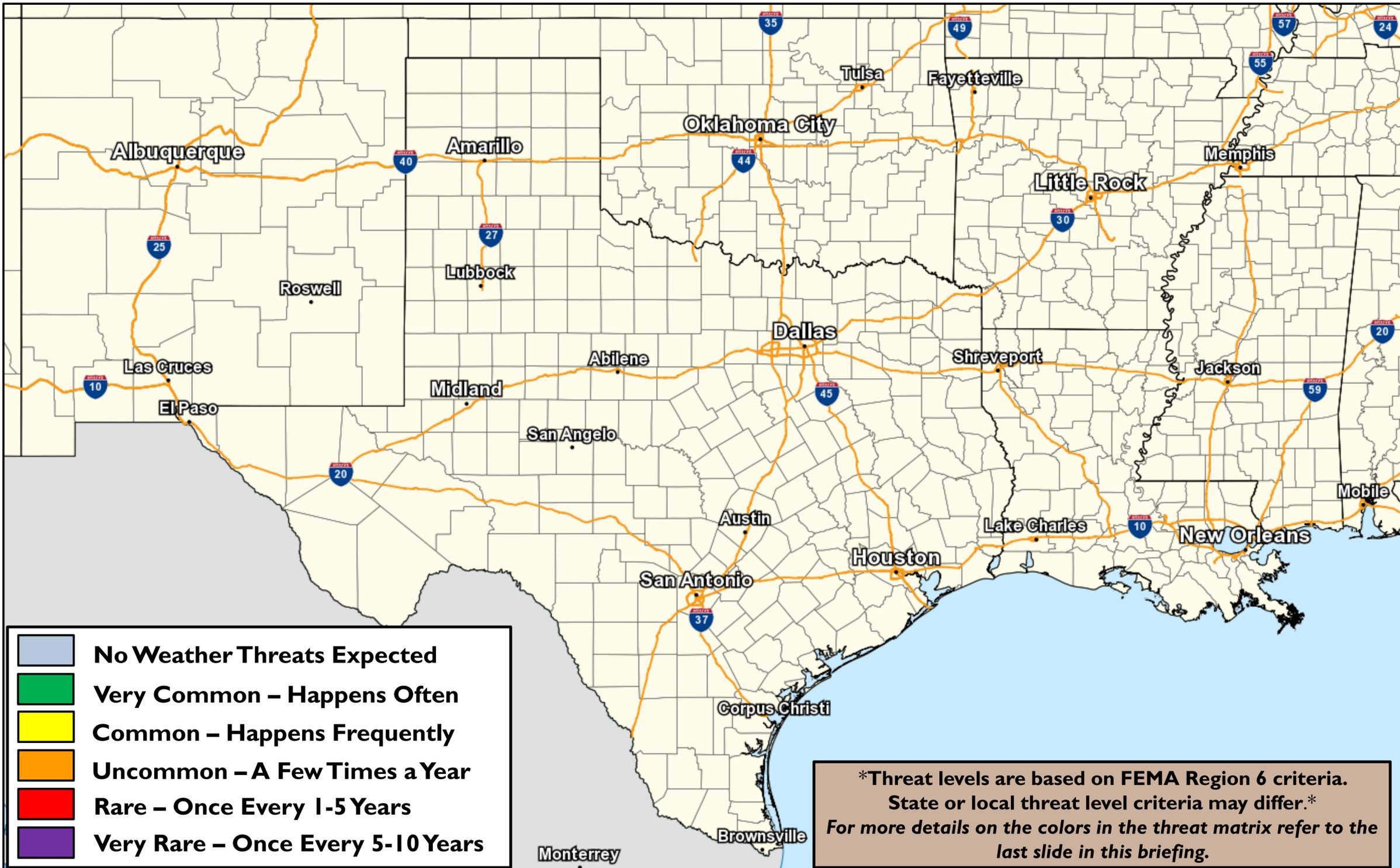
# Days 4-5 Weather Hazards

Tuesday - Wednesday



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No significant weather impacts expected.

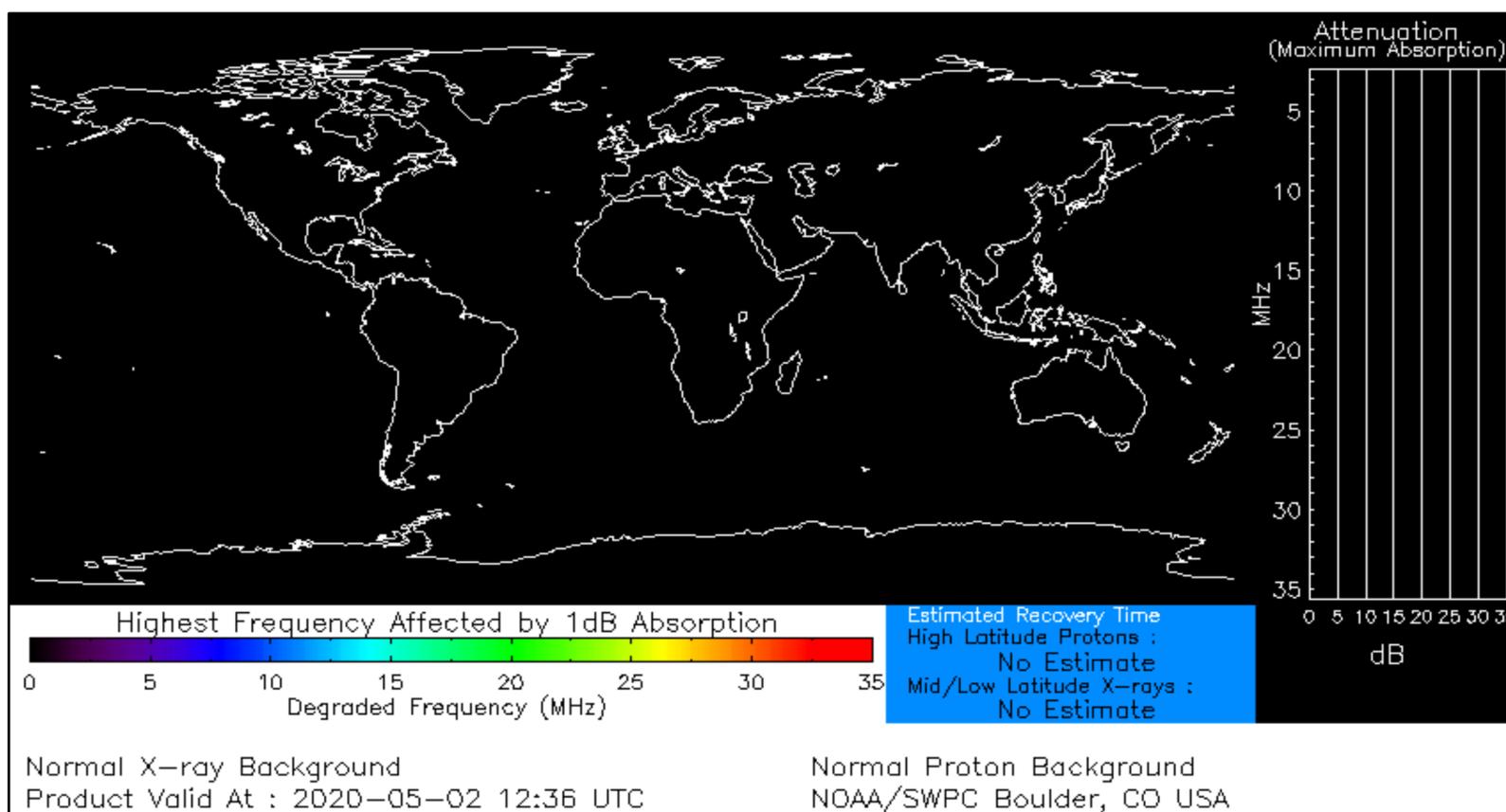


# Space Weather 3-Day Forecast



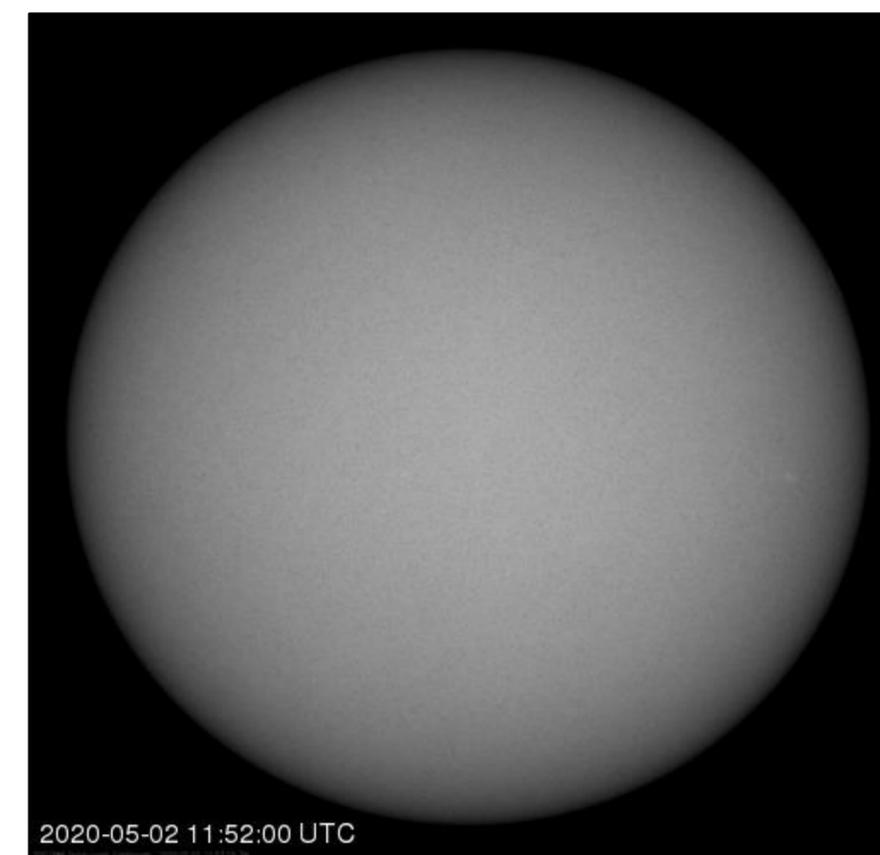
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	Saturday	Sunday	Monday
<b>Geomagnetic Storms</b>	Quiet (Max Kp = 2)	Quiet to Unsettled (Max Kp = 3)	Quiet to Unsettled (Max Kp = 3)
<b>Solar Radiation Storm (S1-S5)</b>	1%	1%	1%
<b>Radio Blackout (R1-R2)</b>	1%	1%	1%
<b>Radio Blackout (R3-R5)</b>	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).**