



FEMA



Prepared by  
*Jennifer McNatt*

# FEMA Region 6 Weather Threat Briefing

Saturday May 16, 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 heavy rainfall/flash flooding possible across E TX, SE OK, AR & LA today and over E AR/E LA tomorrow.**
  - May lead to additional minor river flooding in these areas.
- **Strong to severe storms possible across E TX, SE OK, AR & LA today; damaging winds and hail are the main threats.**
- **Strong to severe storms possible over NE NM and the W Panhandles this afternoon; damaging winds and hail are the main threats.**

# FEMA Region 6 Threat Matrix

May 16, 2020 - May 20, 2020



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DAY / THREAT	Sat	Sun	Mon	Tue	Wed
Severe Storms	ETX, SE OK, AR, LA NE NM, W Panhandles				
Heavy Rain / Flash Flooding	ETX, SE OK, AR, LA	E AR, E LA			
Fire Weather			NW NM	W NM	
Tropical Weather					
Winter Weather					
River Flooding	MS River & NE OK	MS River & NE OK	MS River	MS River	MS River, AR/LA
	AR/LA/ETX	AR/LA/ETX	AR/LA/ETX	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.*

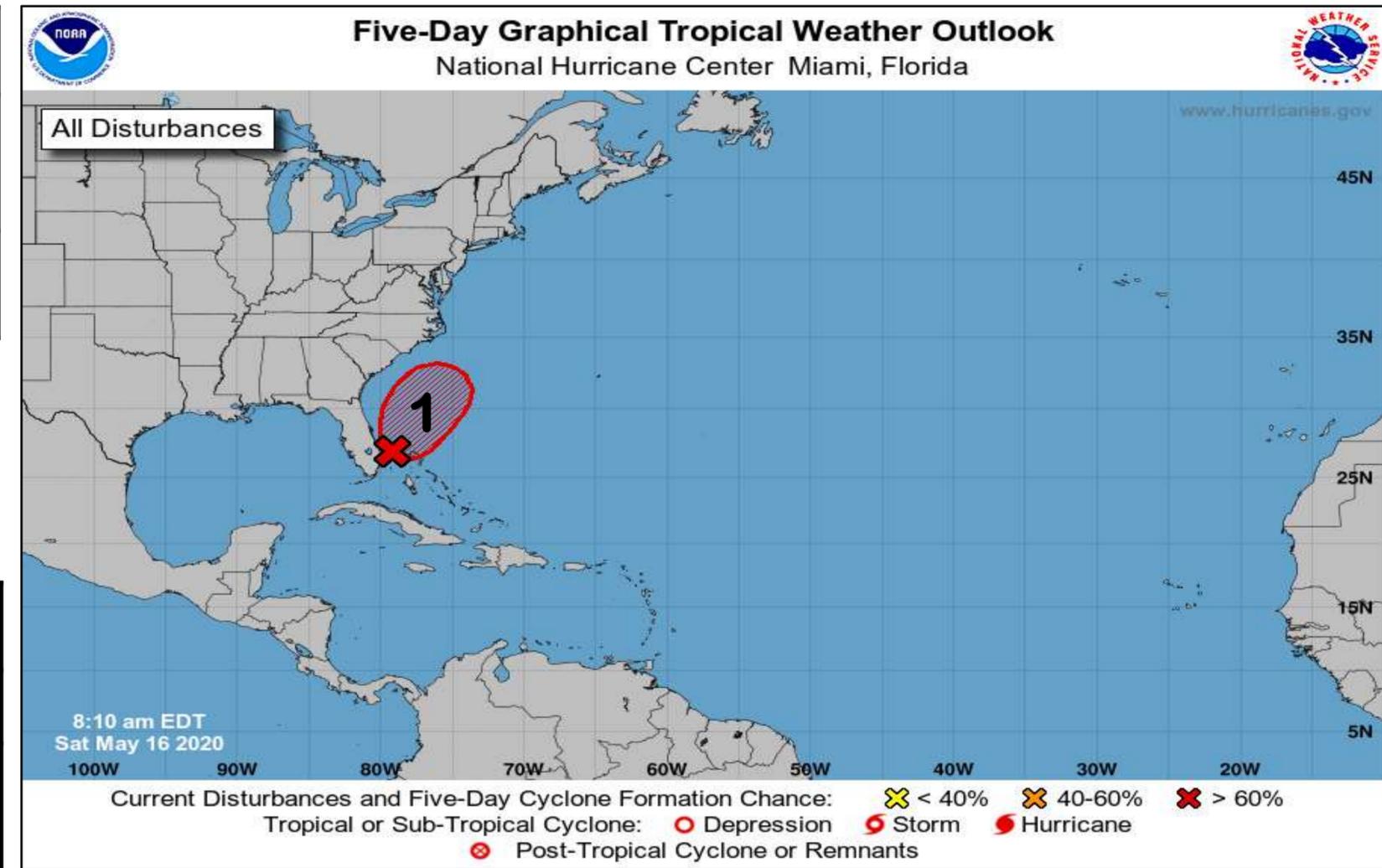


## Areas of Possible Development

Area	Chance of Development	Potential Impacts to FEMA 6
I	80%	None

## Active Tropical Cyclones

Storm	Potential Impacts to FEMA 6
-	None

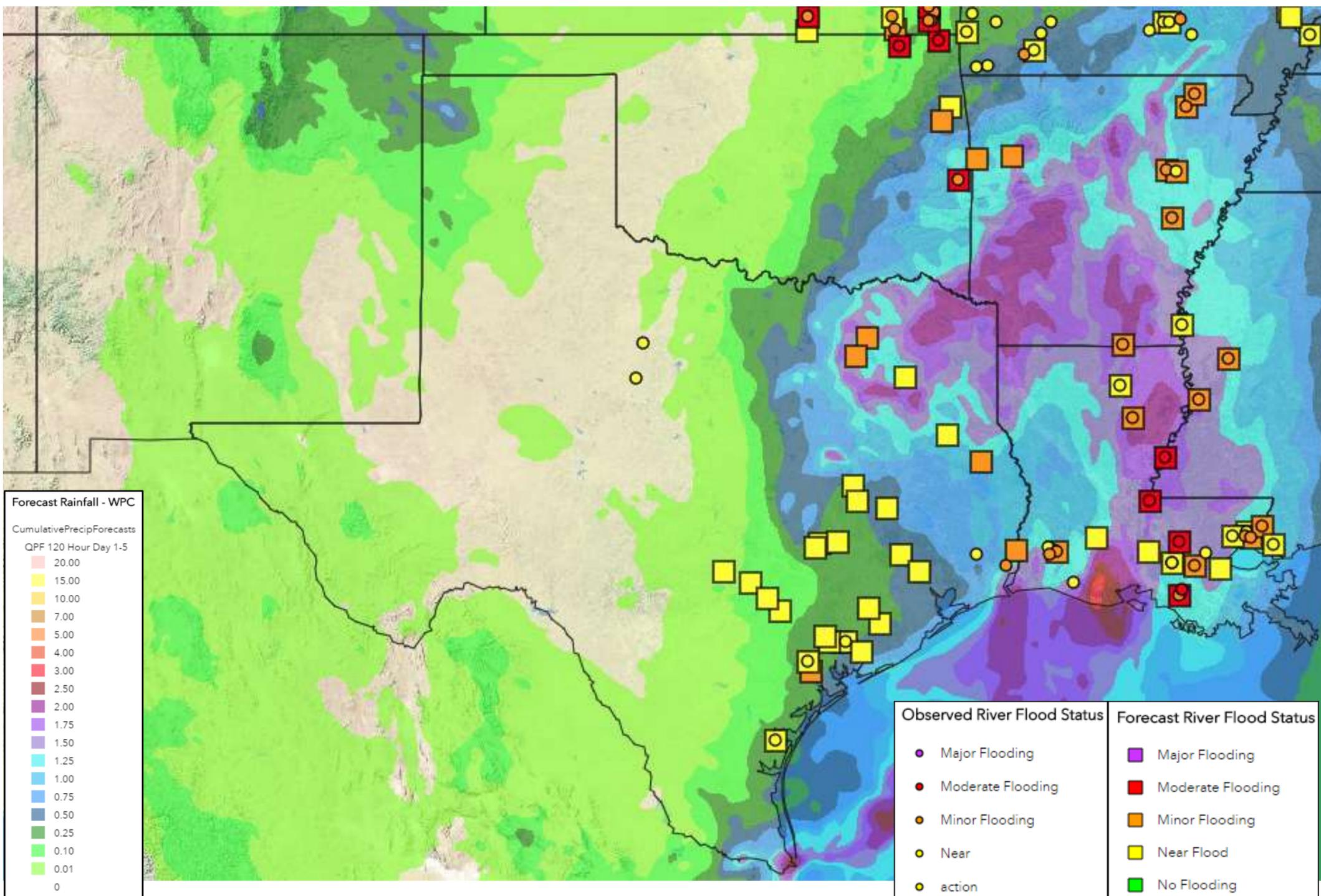


# 5-Day Precipitation Forecast & River Flood Status



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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 middle of next week.**

**Isolated moderate flooding in NE OK this weekend.**

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

**Recent rainfall and today's rainfall could lead to some new (mostly minor) river flooding in TX, AR and LA.**

# Today's Weather



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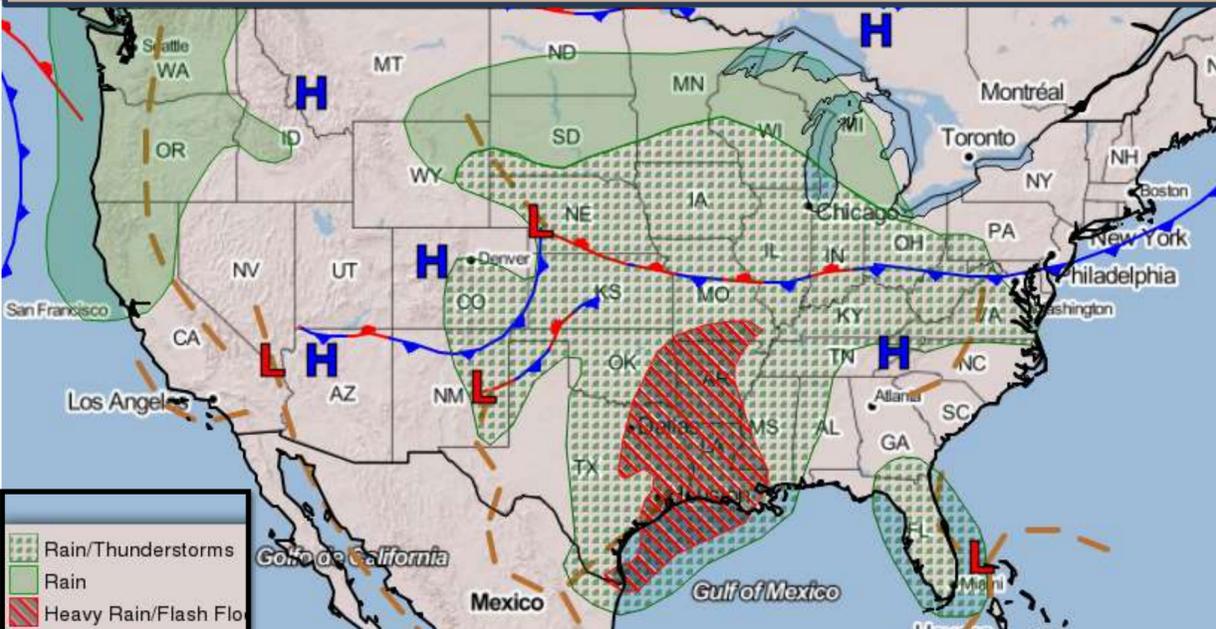
## Forecast Chart

## Forecast Rainfall

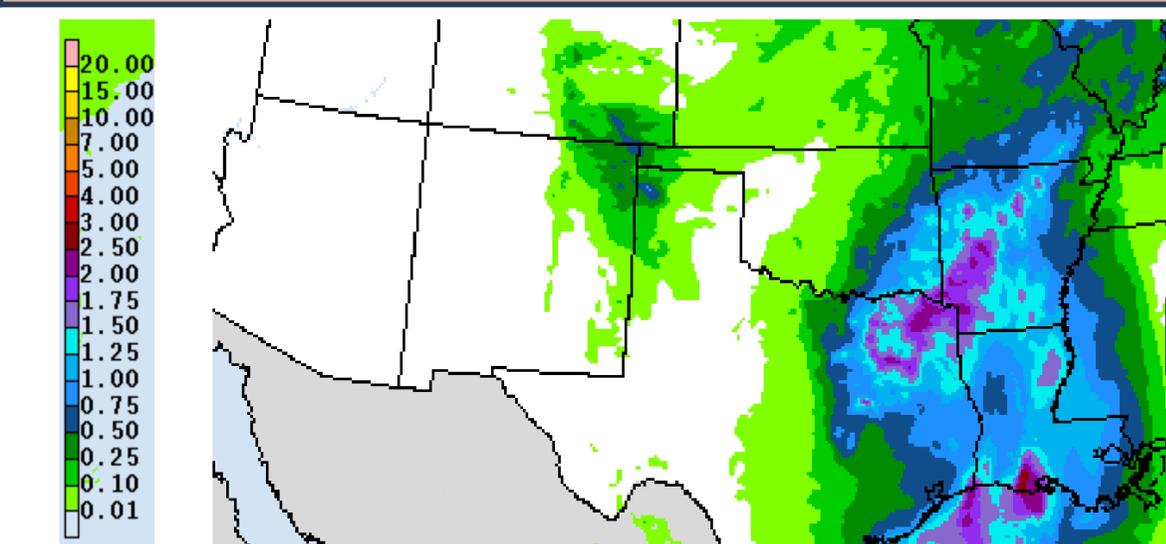
**Isolated heavy rainfall/flash flooding possible across E TX, SE OK, AR & LA.**

**Strong to severe storms possible across E TX, SE OK, AR & LA; damaging winds and hail are the main threats but a tornado or two cannot be ruled out.**

**Strong to severe storms possible over NE NM and the W Panhandles this afternoon; damaging winds and hail are the main threats.**



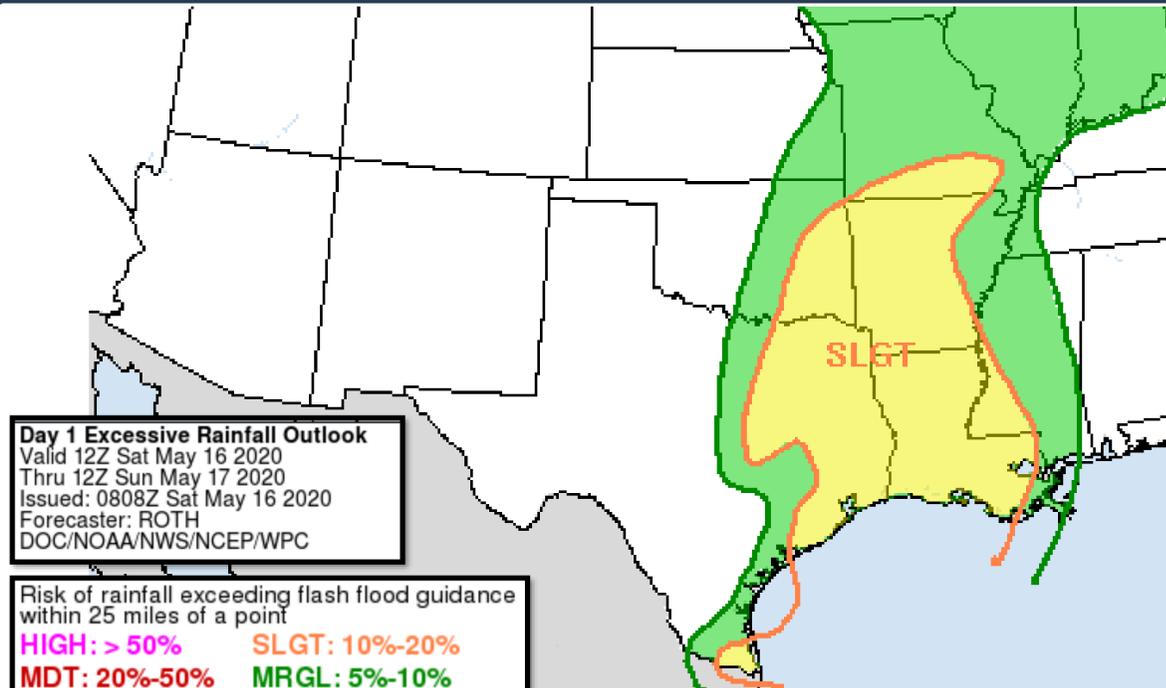
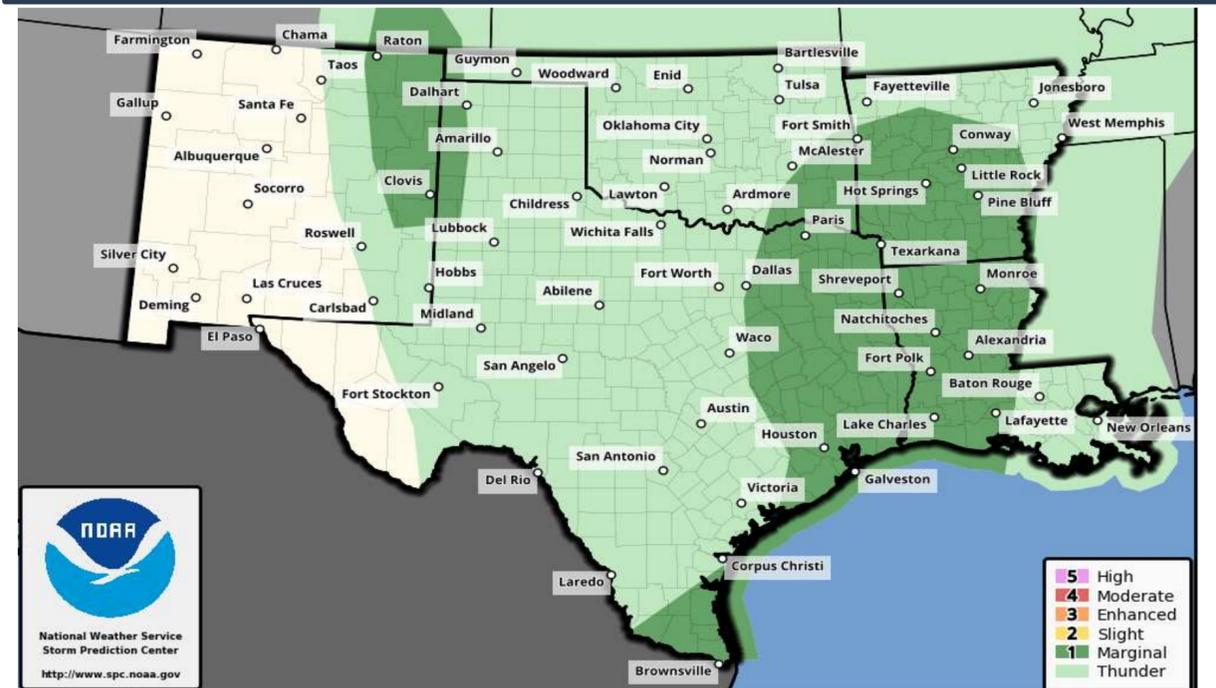
Weather Valid 8am EDT Sat May 16 2020 to 8am EDT Sun May 17 2020  
 Fronts Valid 8am EDT Sat May 16 2020  
 Issued 3:07 AM EDT Sat, May 16, 2020  
 DOC/NOAA/NWS/NCEP/Weather Prediction Center  
 Prepared by Santorelli with WPC/SPC/NHC forecasts.



24-Hour Day 1 QPF  
 Valid 12Z Sat May 16 2020  
 Thru 12Z Sun May 17 2020  
 Issued: 0828Z Sat May 16 2020

## Severe Weather Outlook

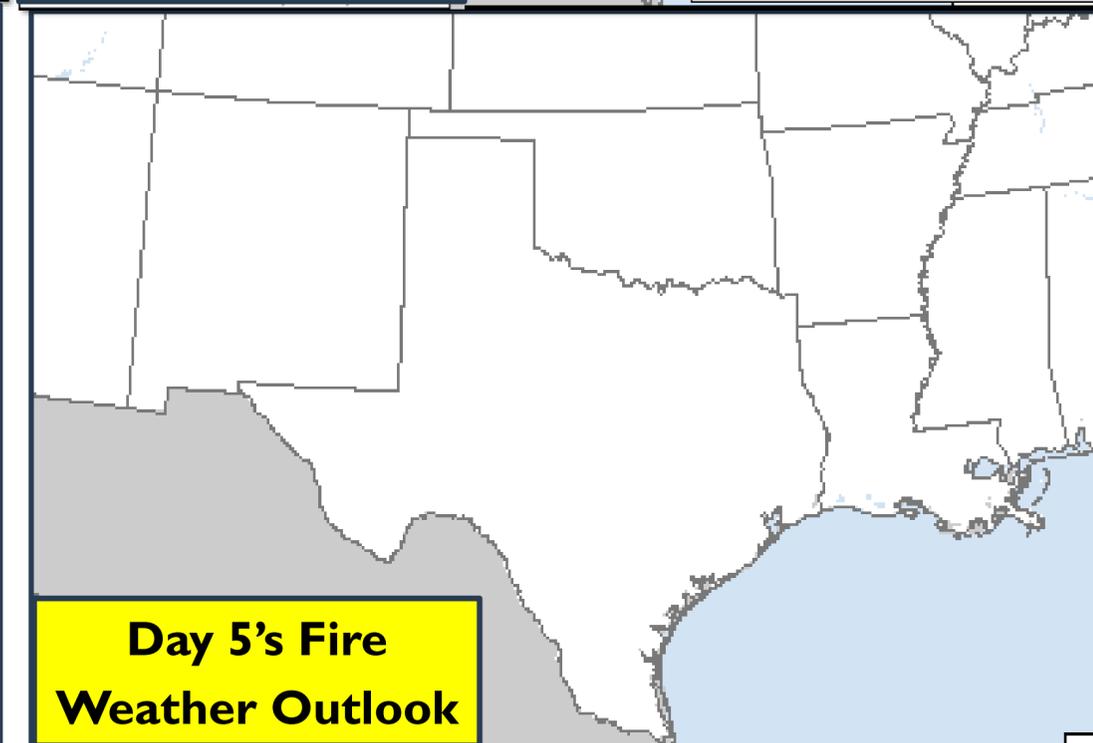
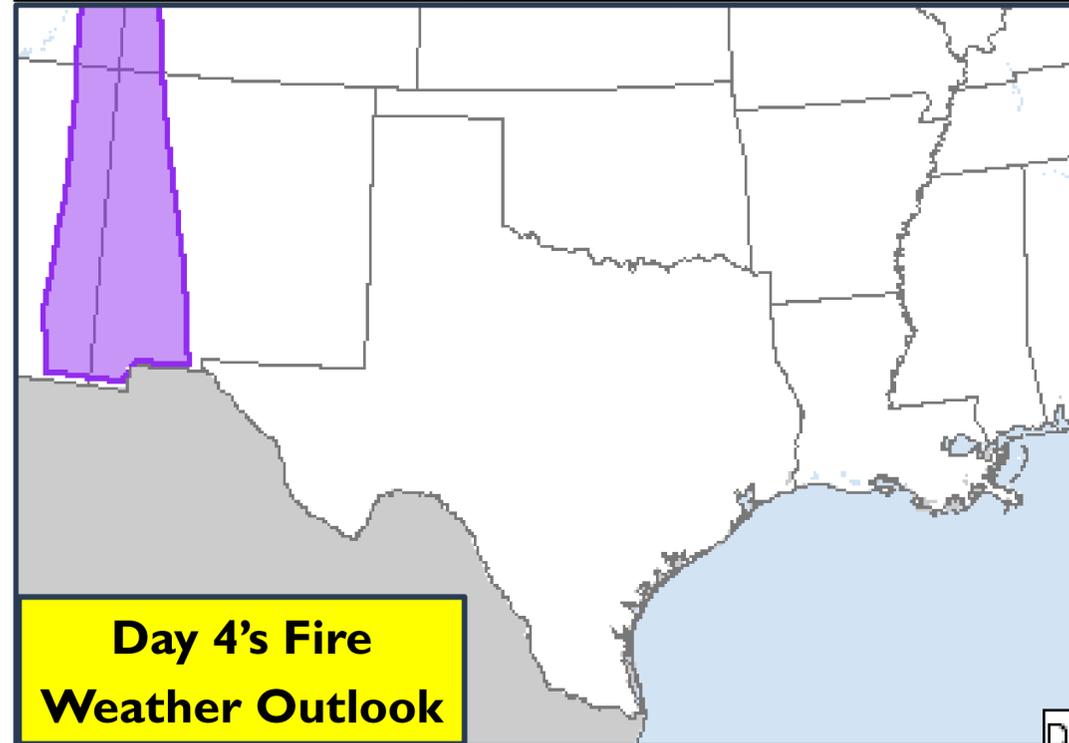
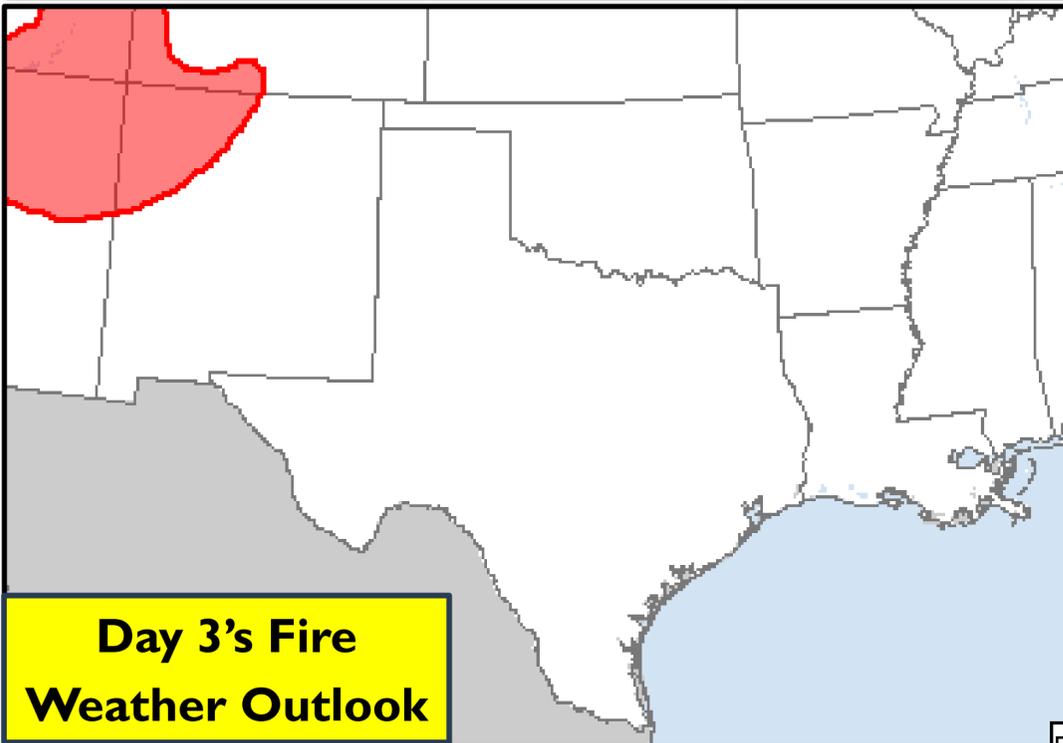
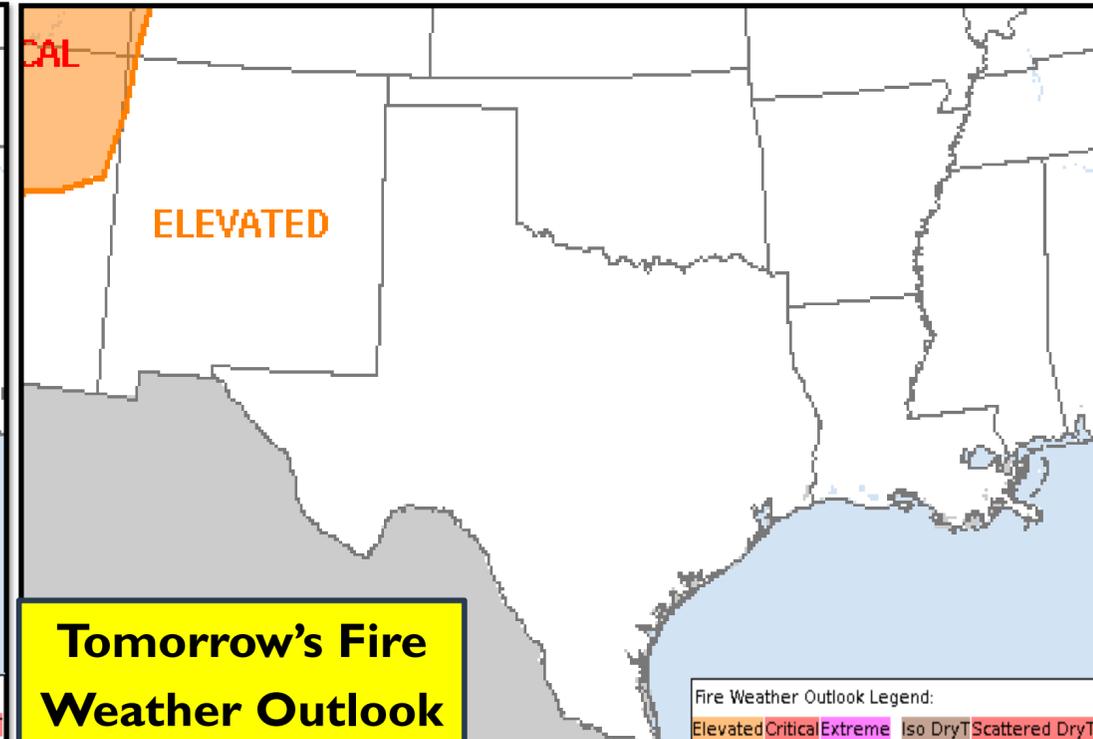
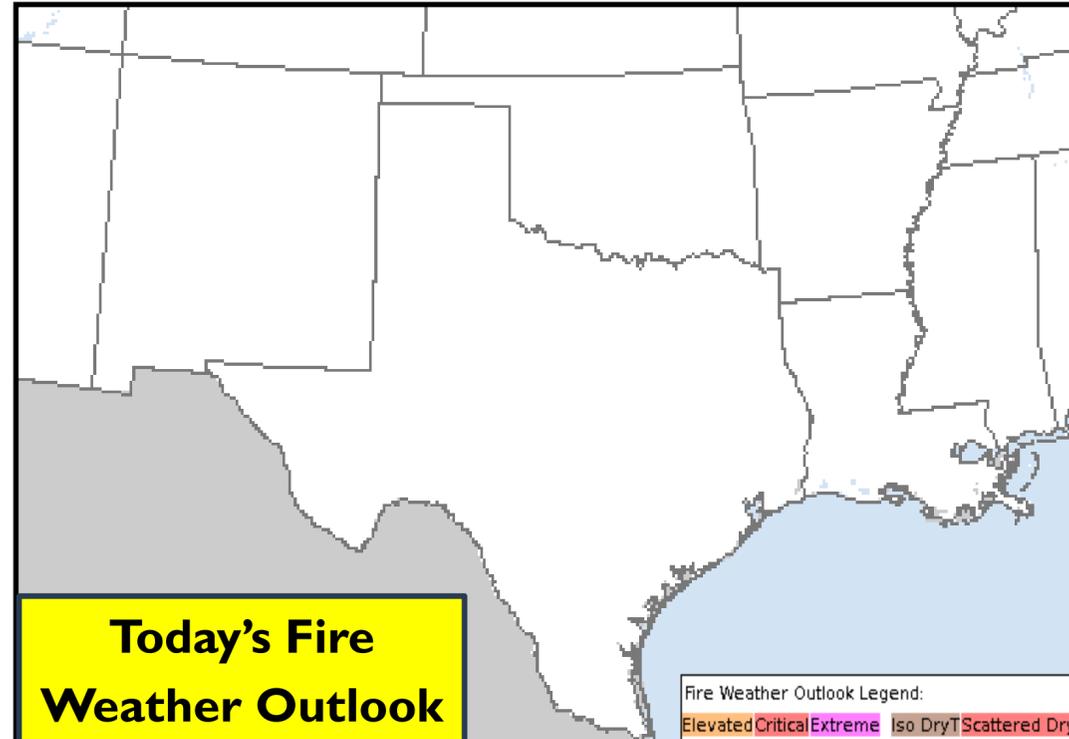
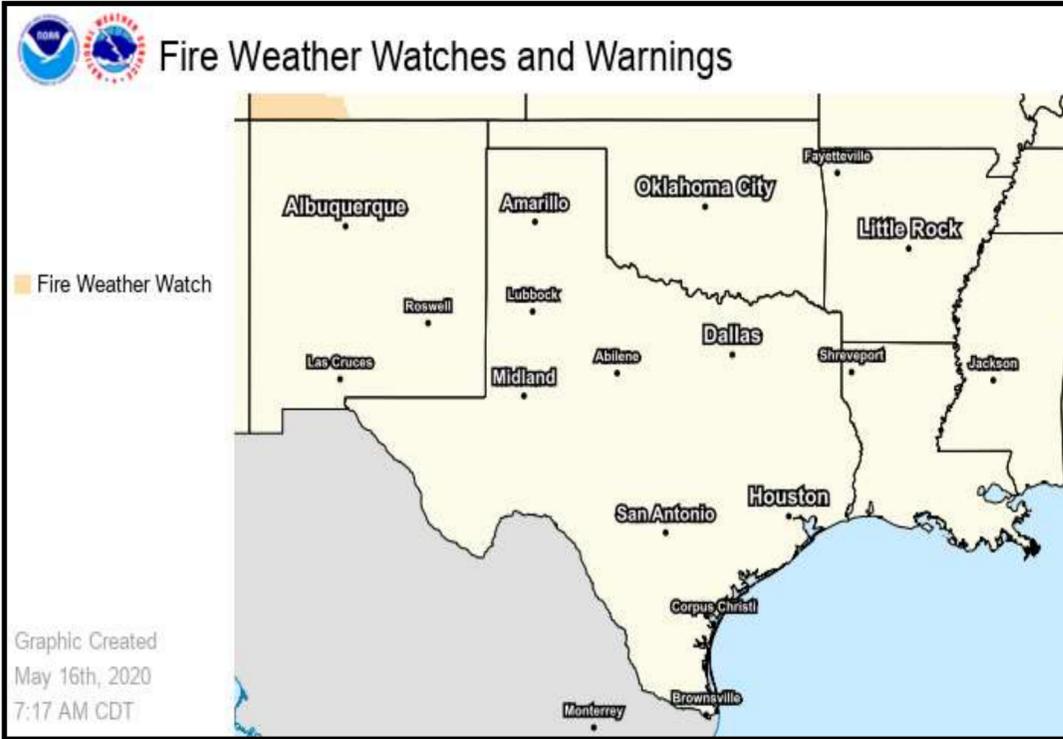
## Excessive Rainfall Outlook



# Fire Weather Outlooks



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# Tomorrow's Weather

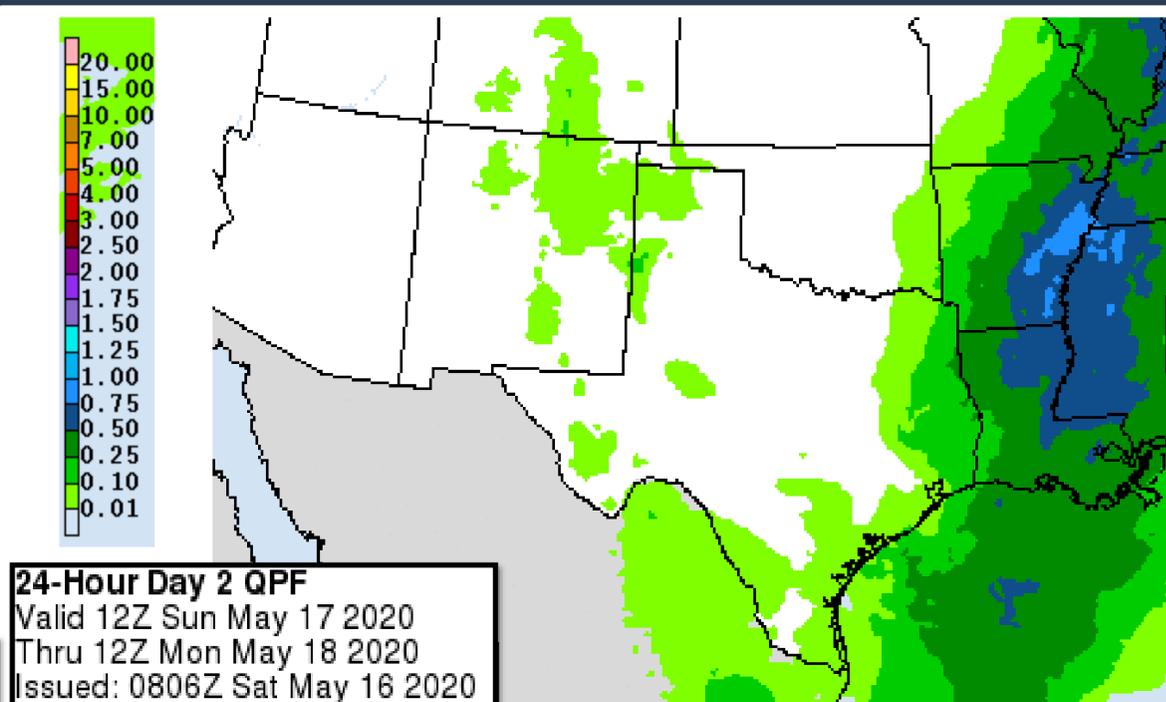
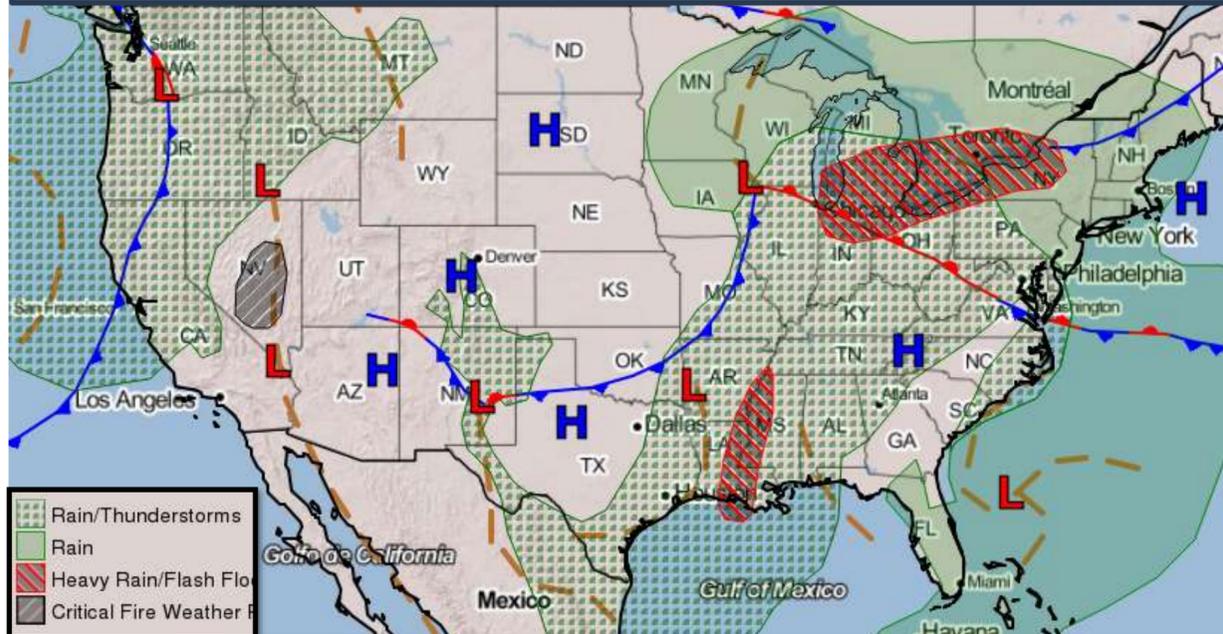


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## Forecast Chart

## Forecast Rainfall

**Isolated heavy rain/flash flooding possible over E LA & E AR.**

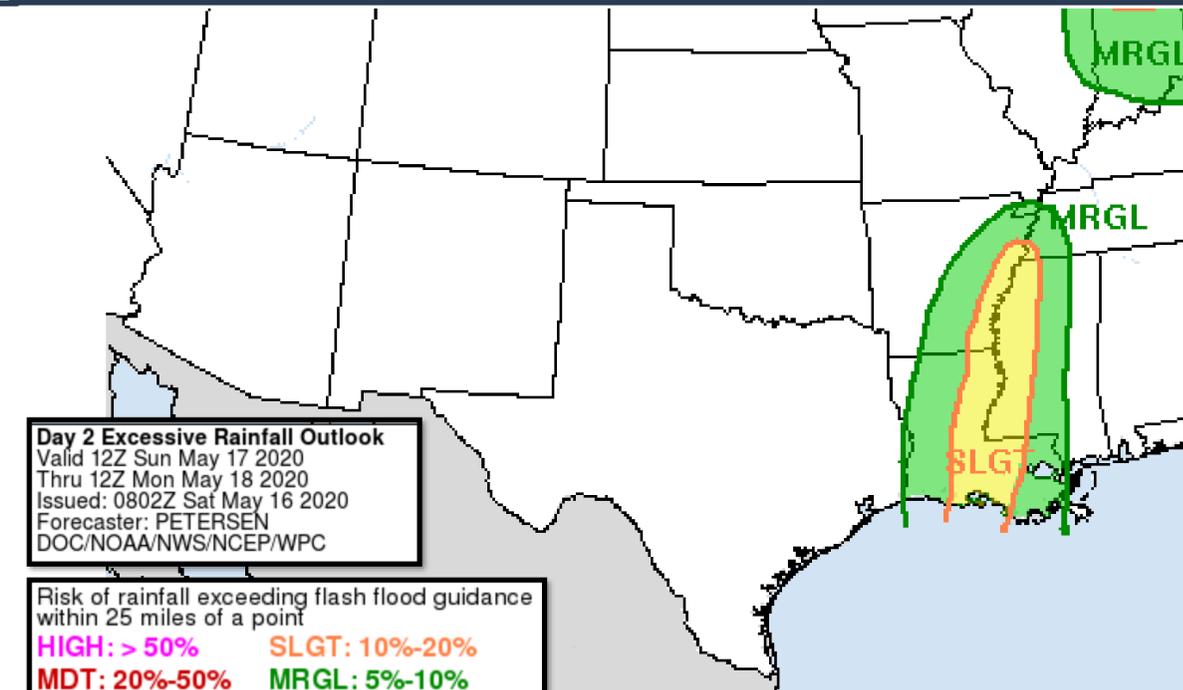
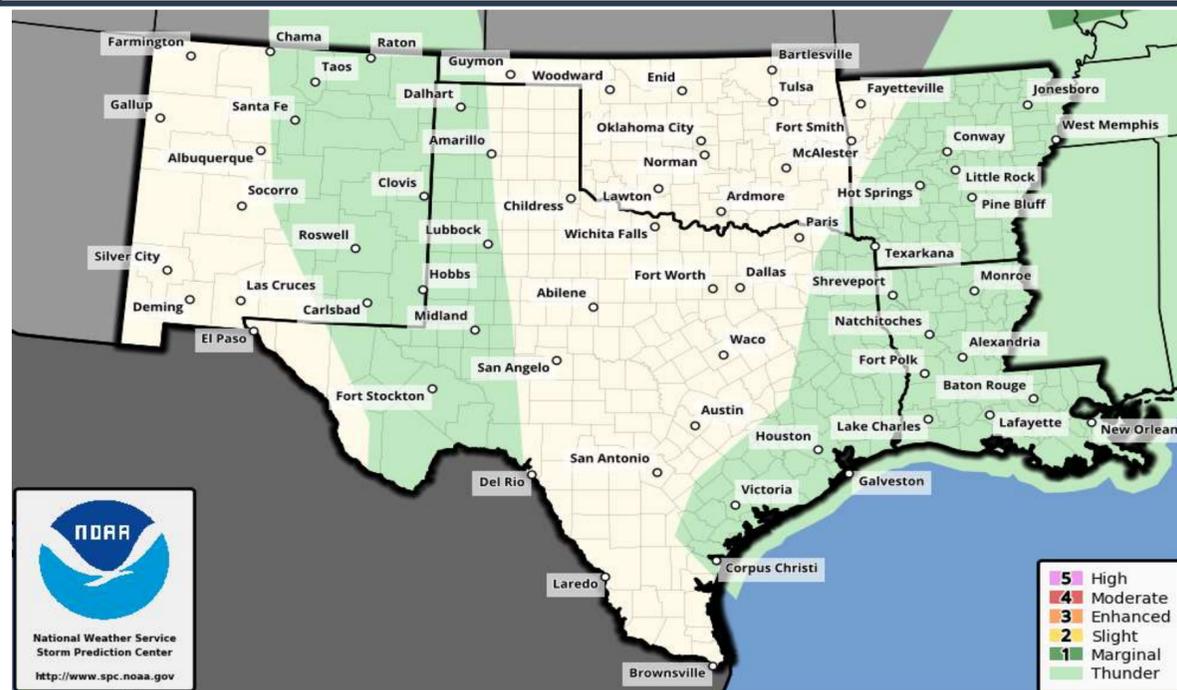


Weather Valid 8am EDT Sun May 17 2020 to 8am EDT Mon May 18 2020  
Fronts Valid 8am EDT Sun May 17 2020  
Issued 4:19 AM EDT Sat, May 16, 2020  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by Campbell with WPC/SPC/NHC forecasts.

**24-Hour Day 2 QPF**  
Valid 12Z Sun May 17 2020  
Thru 12Z Mon May 18 2020  
Issued: 0806Z Sat May 16 2020

## Severe Weather Outlook

## Excessive Rainfall Outlook



**Day 2 Excessive Rainfall Outlook**  
Valid 12Z Sun May 17 2020  
Thru 12Z Mon May 18 2020  
Issued: 0802Z Sat May 16 2020  
Forecaster: PETERSEN  
DOC/NOAA/NWS/NCEP/WPC

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

<b>HIGH: &gt; 50%</b>	<b>SLGT: 10%-20%</b>
<b>MDT: 20%-50%</b>	<b>MRGL: 5%-10%</b>

# Monday's Weather

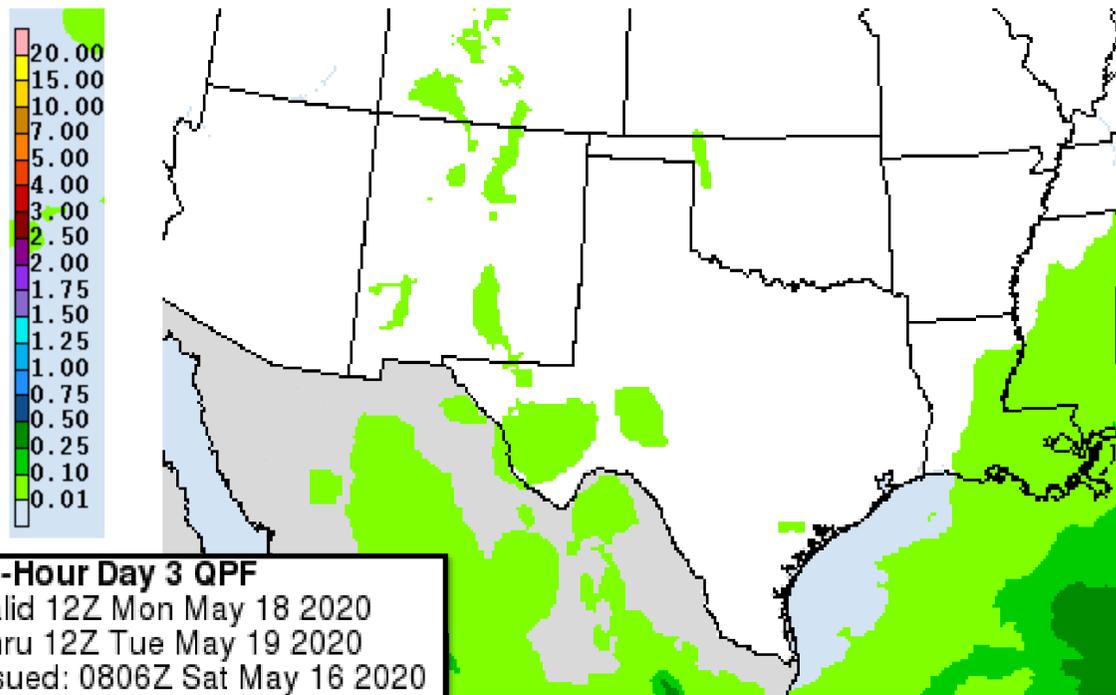
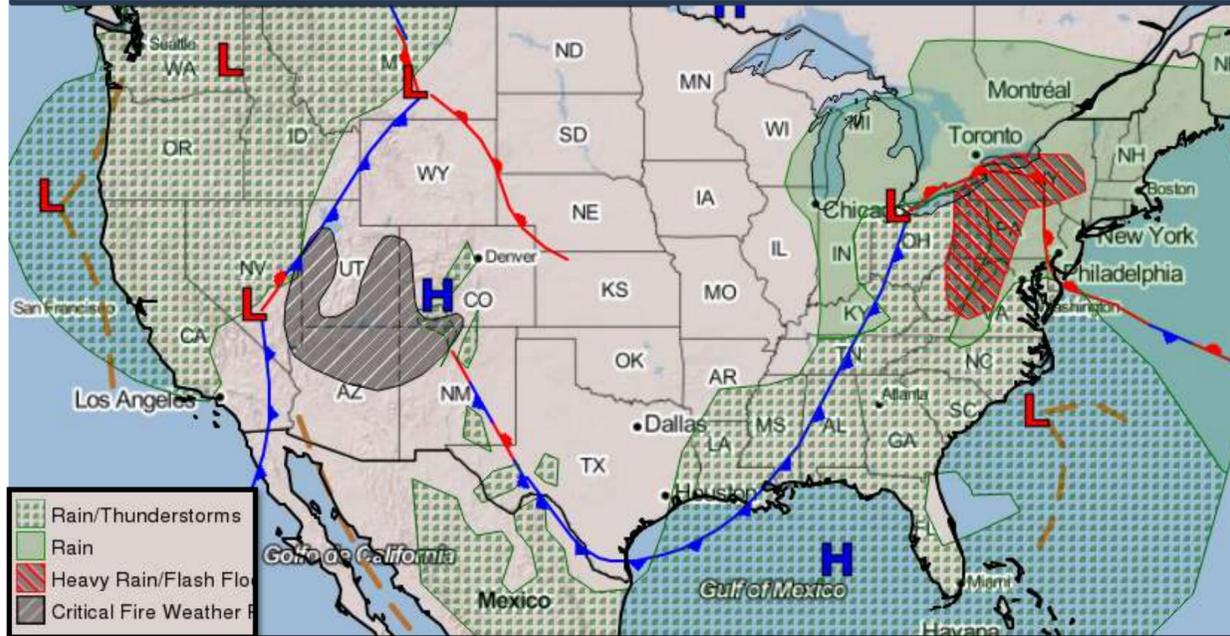


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## Forecast Chart

## Forecast Rainfall

**No significant weather expected.**



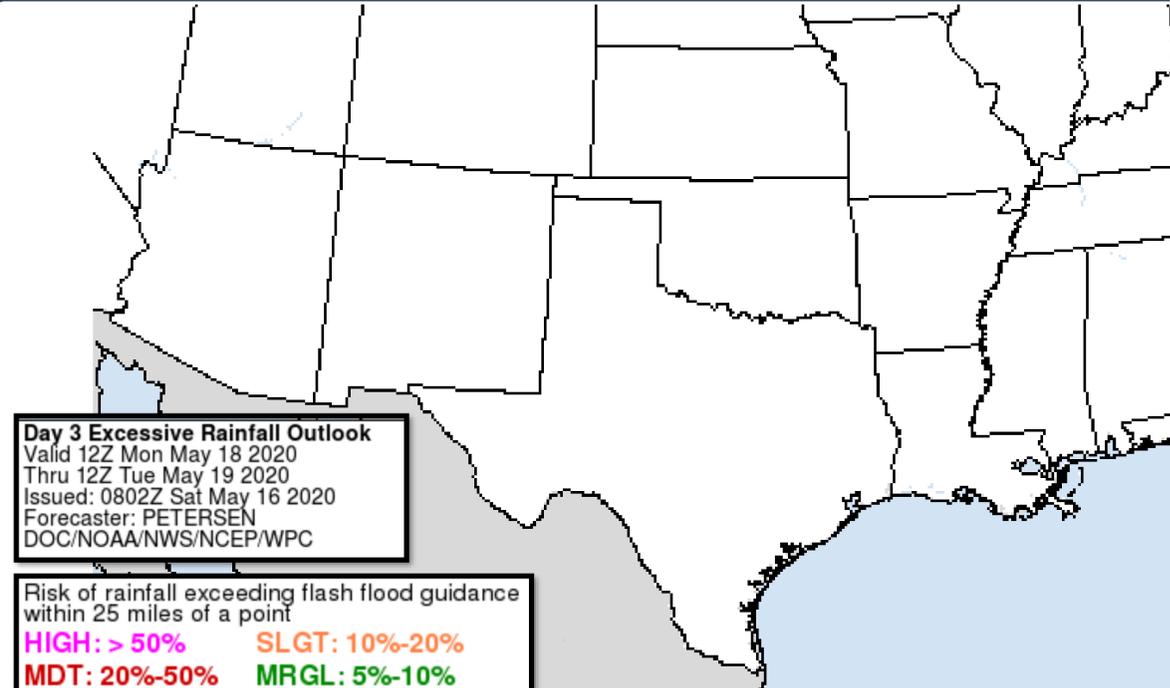
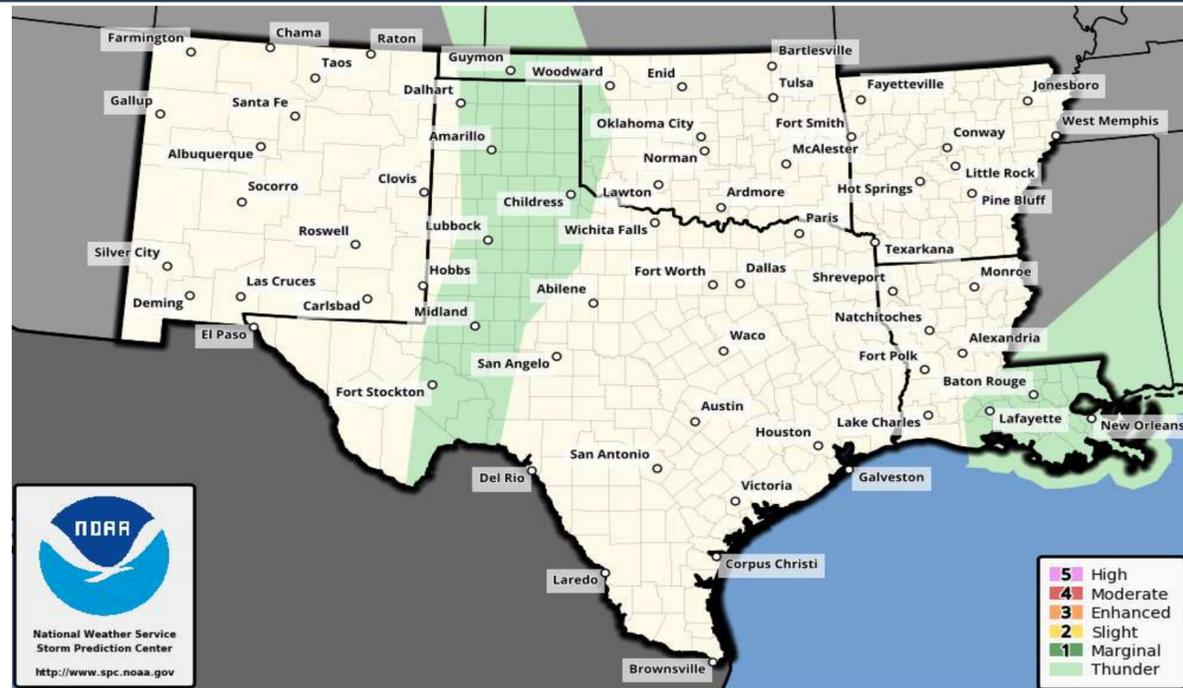
Weather Valid 8am EDT Mon May 18 2020 to 8am EDT Tue May 19 2020  
Fronts Valid 8am EDT Mon May 18 2020

Issued 4:21 AM EDT Sat, May 16, 2020  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by Campbell with WPC/SPC/NHC forecasts.

**24-Hour Day 3 QPF**  
Valid 12Z Mon May 18 2020  
Thru 12Z Tue May 19 2020  
Issued: 0806Z Sat May 16 2020

## Severe Weather Outlook

## Excessive Rainfall Outlook



**Day 3 Excessive Rainfall Outlook**  
Valid 12Z Mon May 18 2020  
Thru 12Z Tue May 19 2020  
Issued: 0802Z Sat May 16 2020  
Forecaster: PETERSEN  
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%**



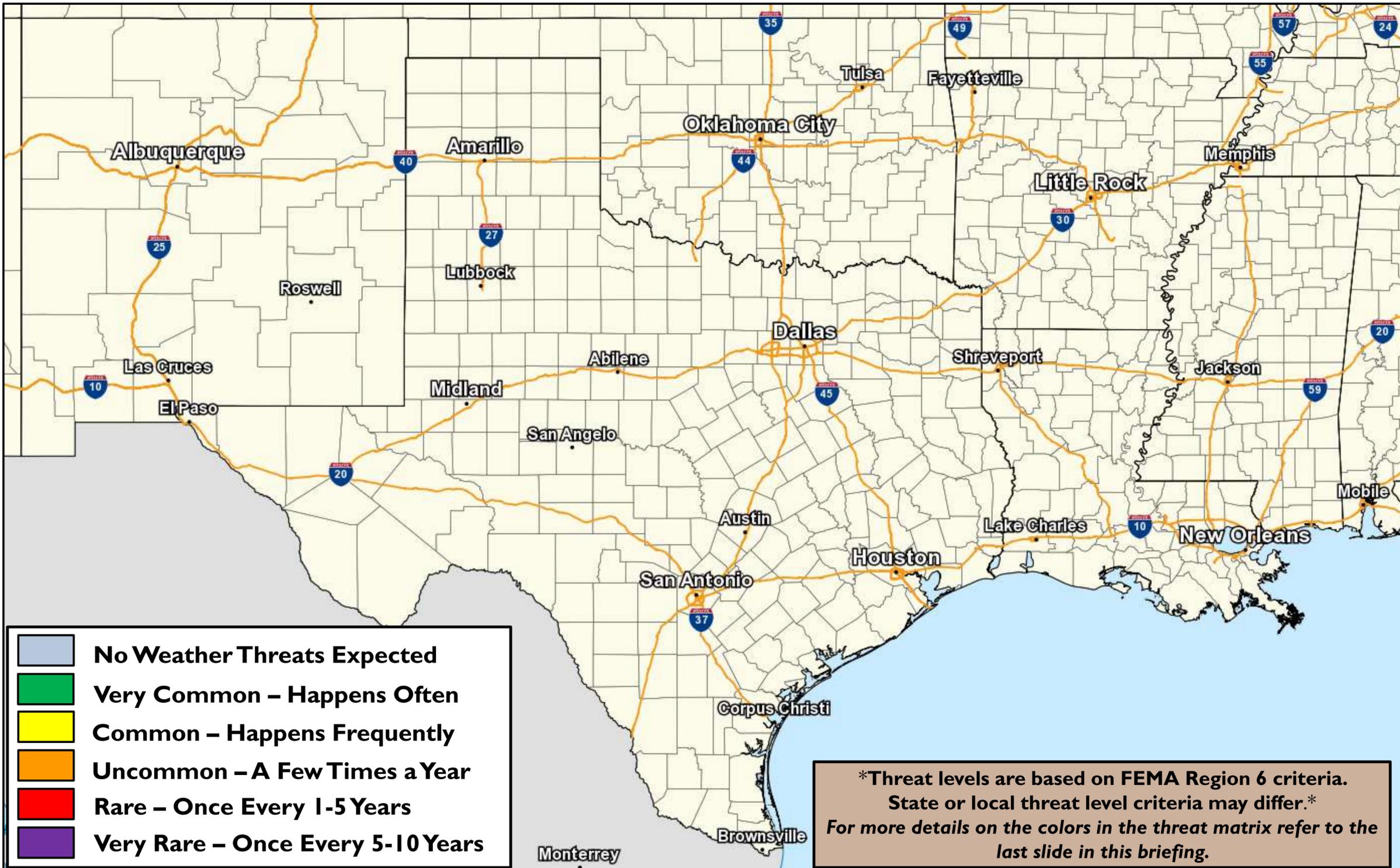
# Days 4-5 Weather Hazards

Tuesday - Wednesday



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No significant weather impacts.

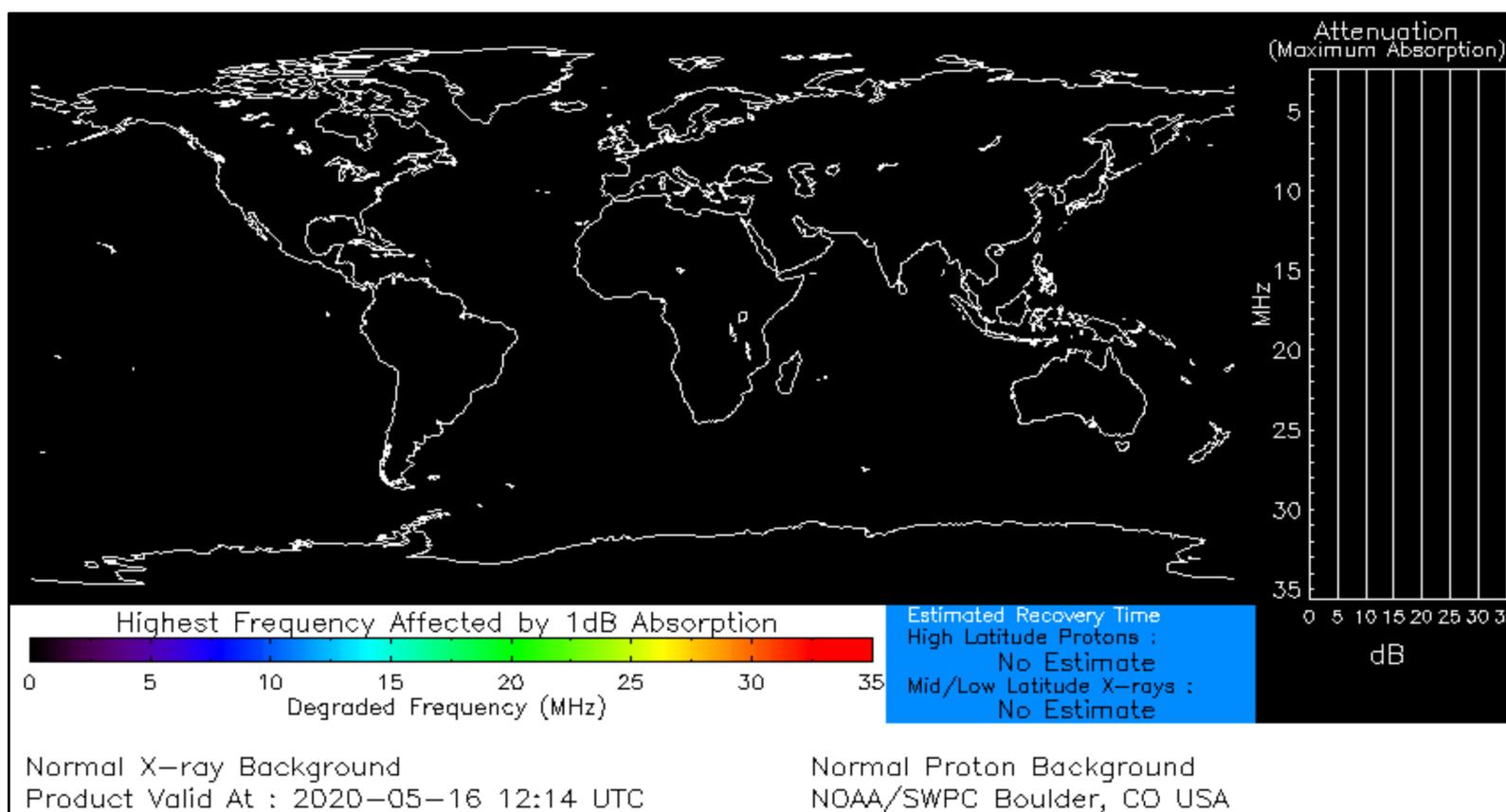


# Space Weather 3-Day Forecast



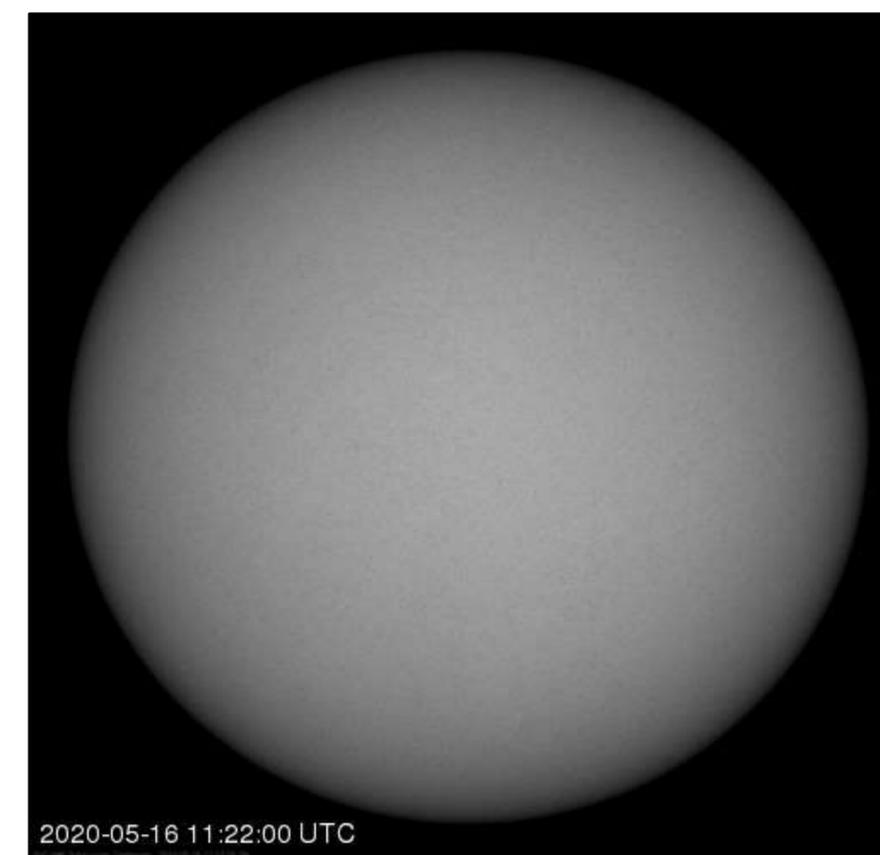
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	Saturday	Sunday	Monday
<b>Geomagnetic Storms</b>	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)
<b>Solar Radiation Storm (S1-S5)</b>	1%	1%	1%
<b>Radio Blackout (R1-R2)</b>	1%	1%	1%
<b>Radio Blackout (R3-R5)</b>	1%	1%	1%



[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).**