



# FEMA



Prepared by  
*Kurt Van Speybroeck*

# FEMA Region 6 Weather Threat Briefing

Wednesday May 27, 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).



NWSSouthern

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



- **Severe storms expected today across central TX.**
  - **Large hail and damaging winds mostly, but tornadoes possible.**
- **Isolated severe storms with damaging winds/hail possible today for SE LA and tomorrow for central/south TX.**
- **Isolated heavy rain/flash flooding today central/north TX into E OK and AR.**

# FEMA Region 6 Threat Matrix

May 27, 2020 - May 31, 2020



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DAY / THREAT	Wed	Thu	Fri	Sat	Sun
Severe Storms	TX	TX			
	SE LA				
Heavy Rain / Flash Flooding	TX, E OK, AR				
Fire Weather					
Tropical Weather					
Winter Weather					
River Flooding	MS River, AR, LA	MS River, AR, LA	MS River, AR, LA	MS River, AR, LA OK, TX	MS River, AR, LA OK, TX
	OK, TX	OK, TX	OK, 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.*

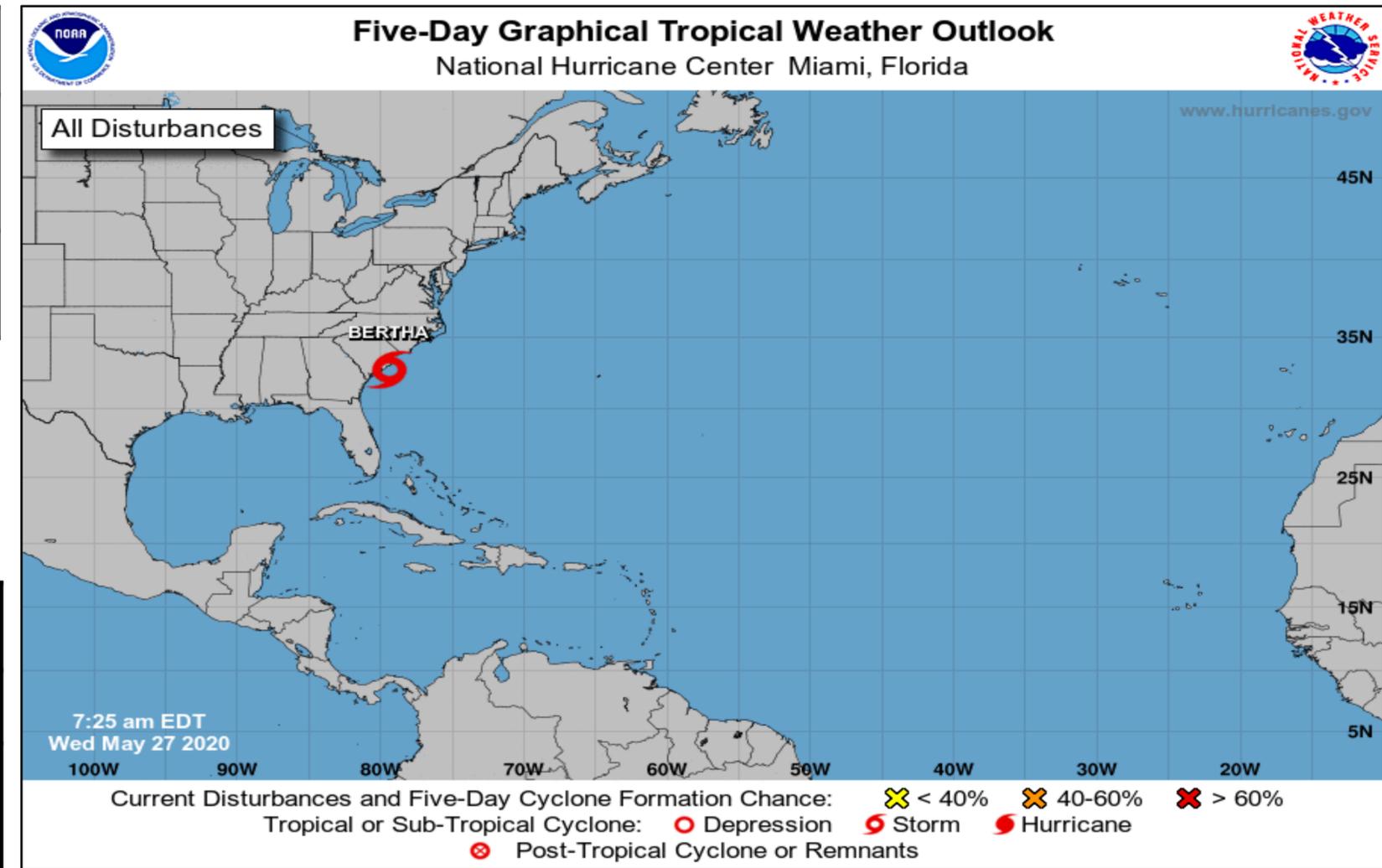


## Areas of Possible Development

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

## Active Tropical Cyclones

Storm	Potential Impacts to FEMA 6
Bertha	None

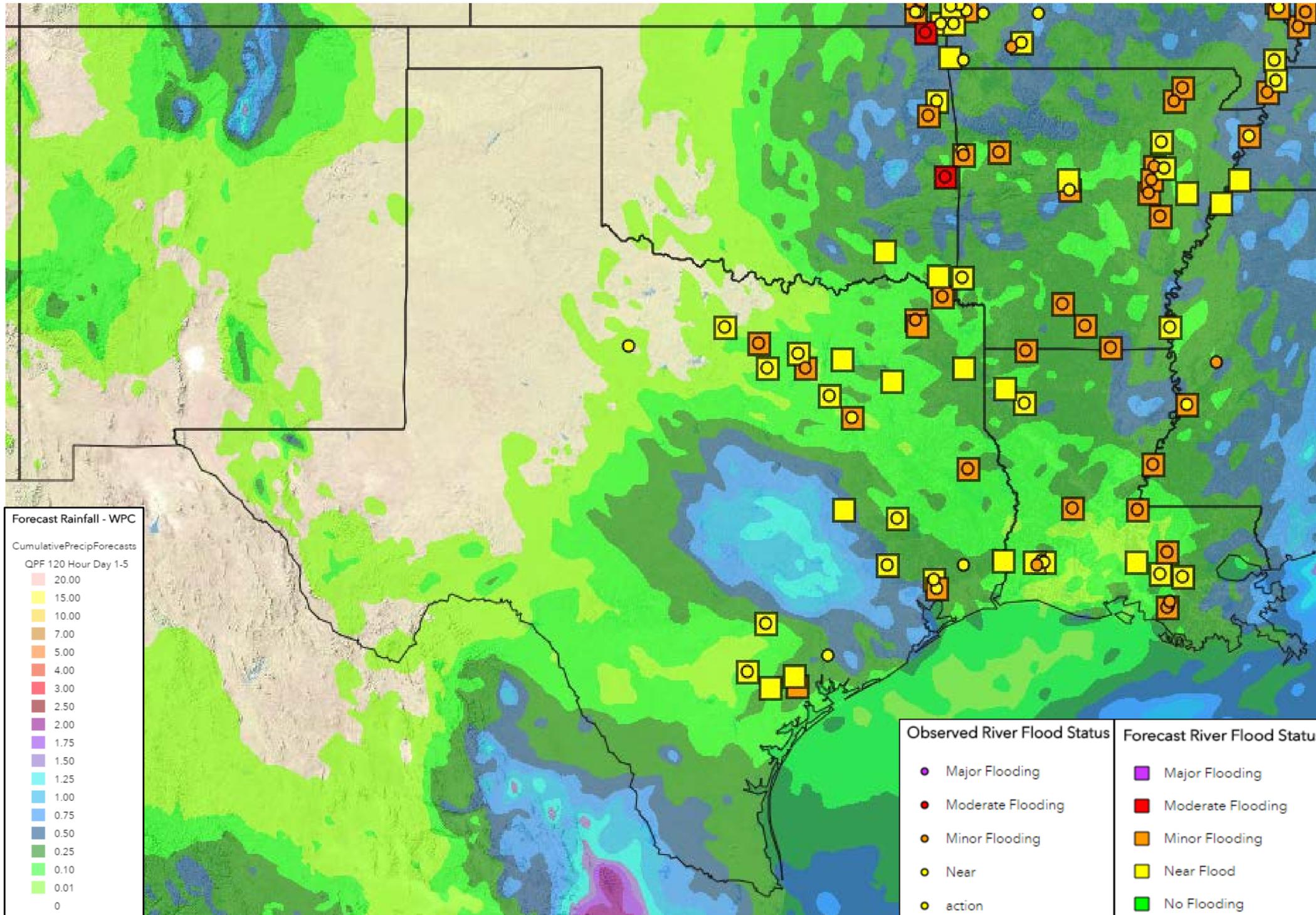


# 5-Day Precipitation Forecast & River Flood Status



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



**Minor to moderate river flooding is occurring or forecast over ETX/OK. Impacts are mostly to agriculture and secondary roads, other than the Trinity River at Liberty where some residences could be impacted.**

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

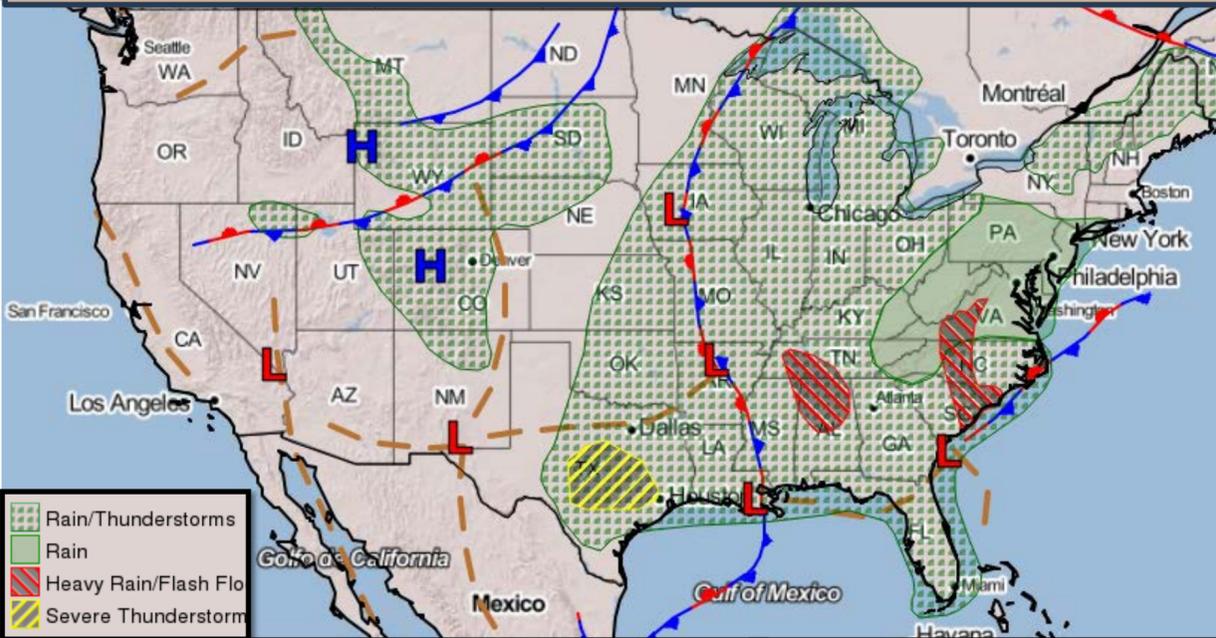
# Today's Weather



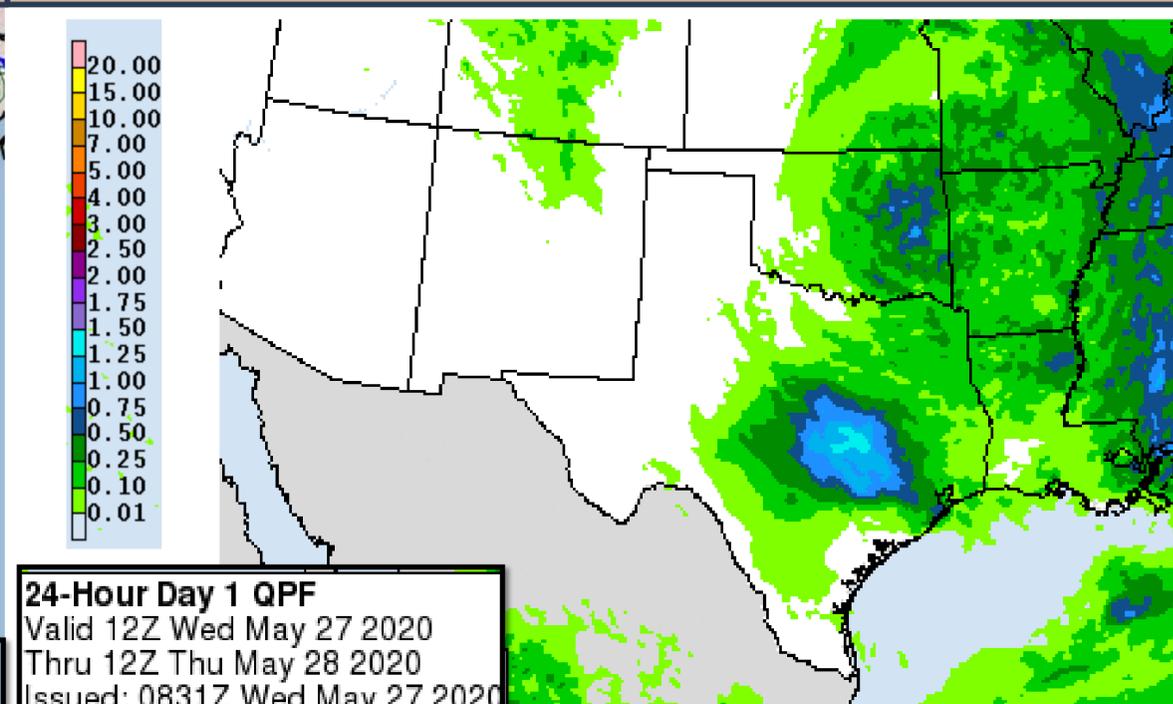
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## Forecast Chart

## Forecast Rainfall



Weather Valid 8am EDT Wed May 27 2020 to 8am EDT Thu May 28 2020  
Fronts Valid 8am EDT Wed May 27 2020  
Issued 4:51 AM EDT Wed, May 27, 2020  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by Kebede with WPC/SPC/NHC forecasts.



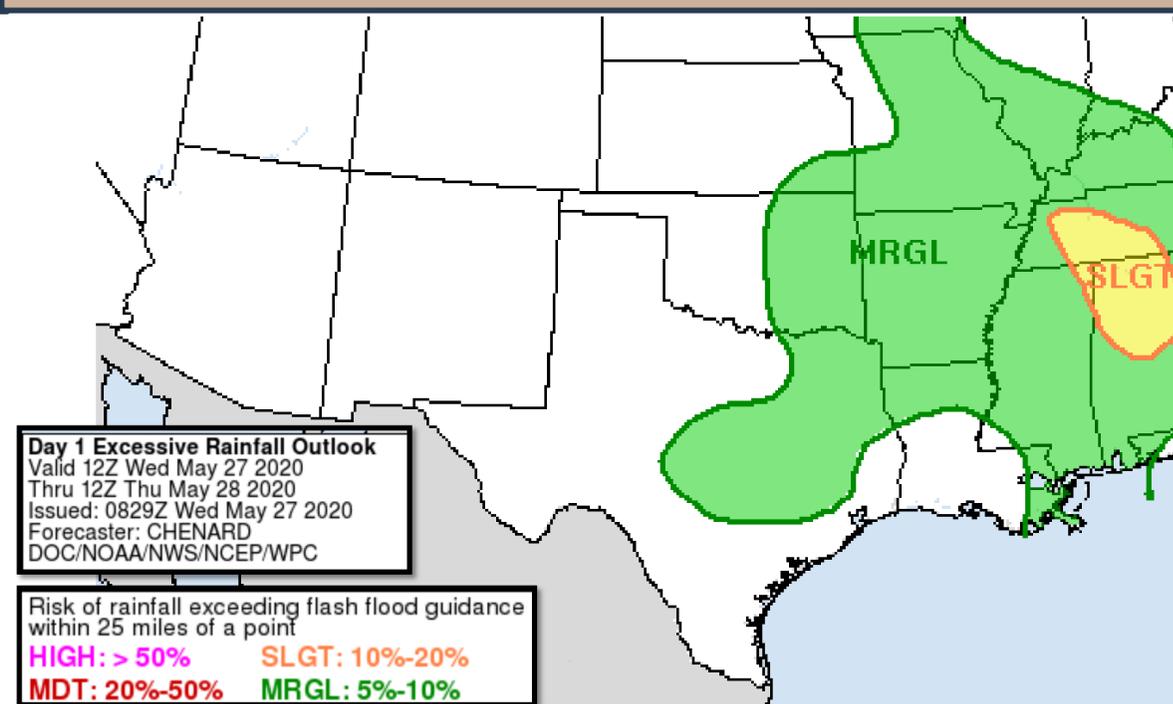
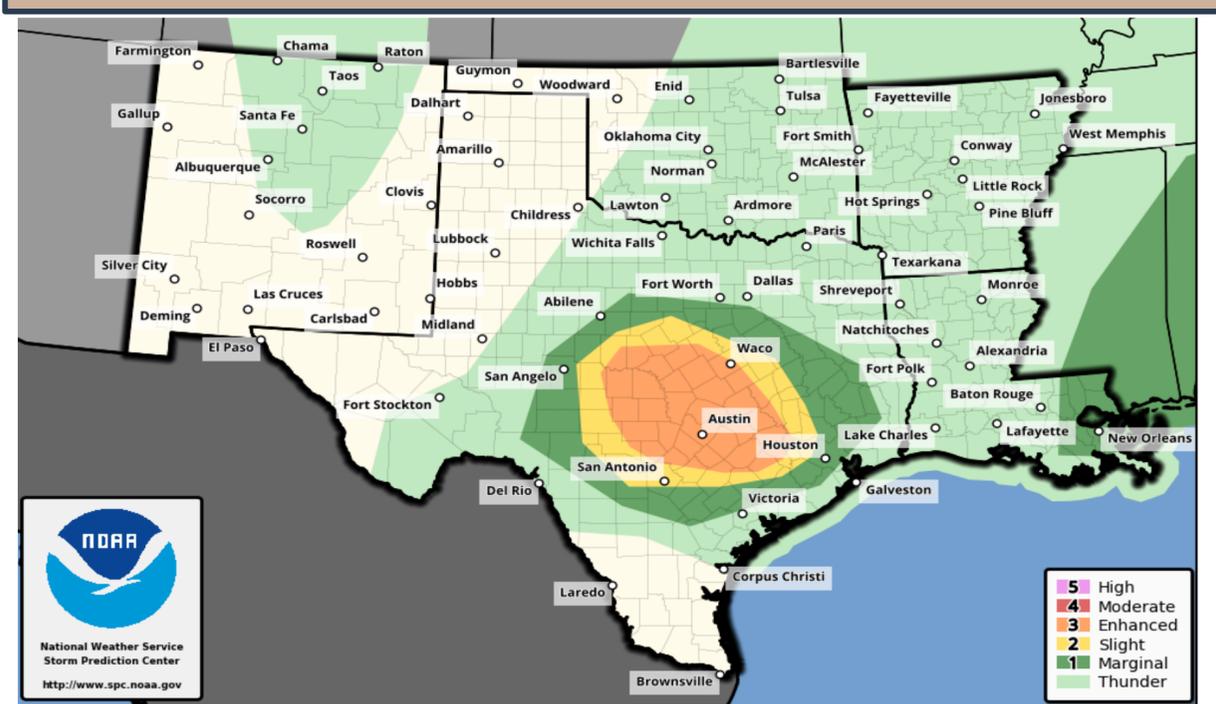
**Severe storms expected this afternoon and evening across central TX.**  
**Large hail (including very large hail 2+ inches in diameter) and damaging winds are the main threats.**  
**A few tornadoes are possible.**

**Isolated strong to severe storms with damaging winds/hail possible in SE LA.**

**Isolated heavy rainfall/flash flooding possible across AR, central/north TX, and E OK.**

## Severe Weather Outlook

## Excessive Rainfall Outlook



# Tomorrow's Weather

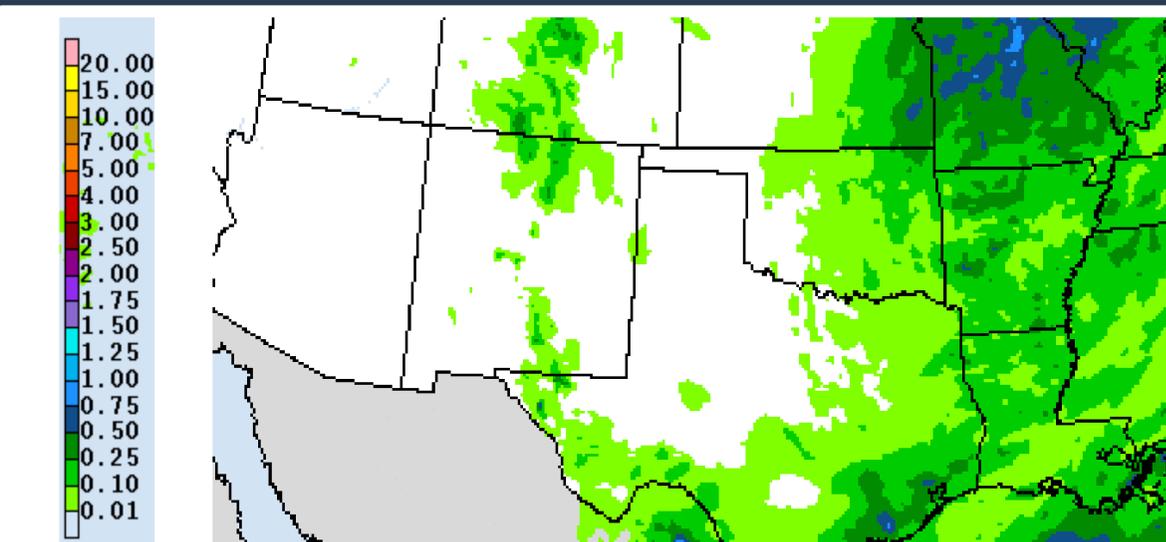
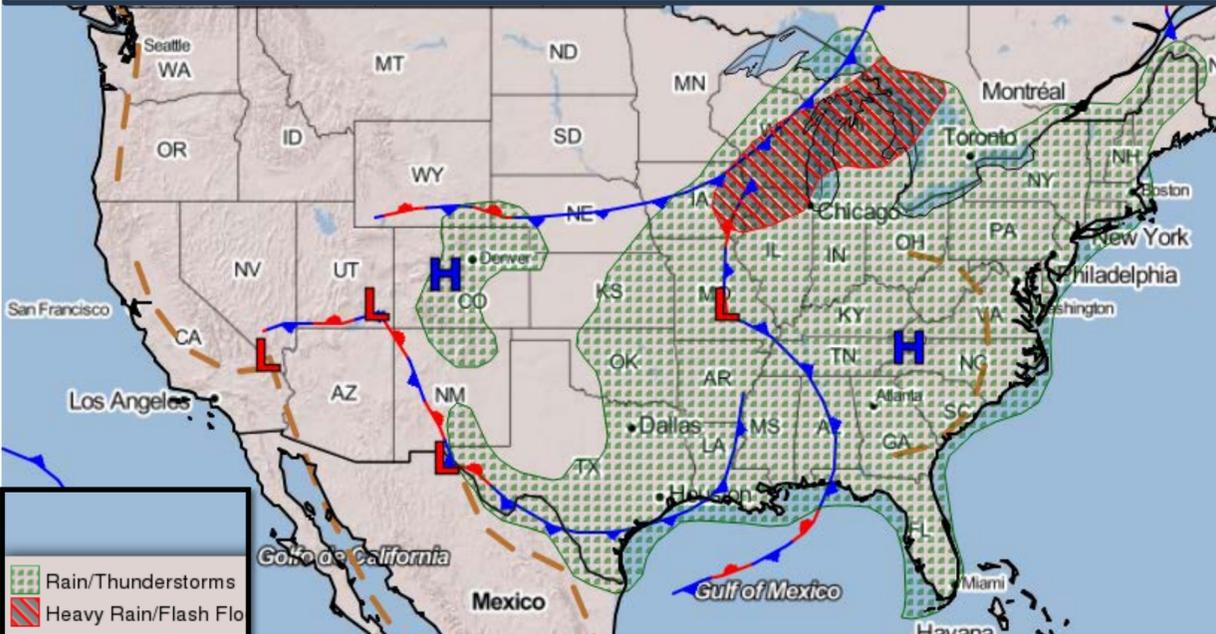


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## Forecast Chart

## Forecast Rainfall

**Isolated strong to severe storms with damaging winds/hail possible across central/south TX.**

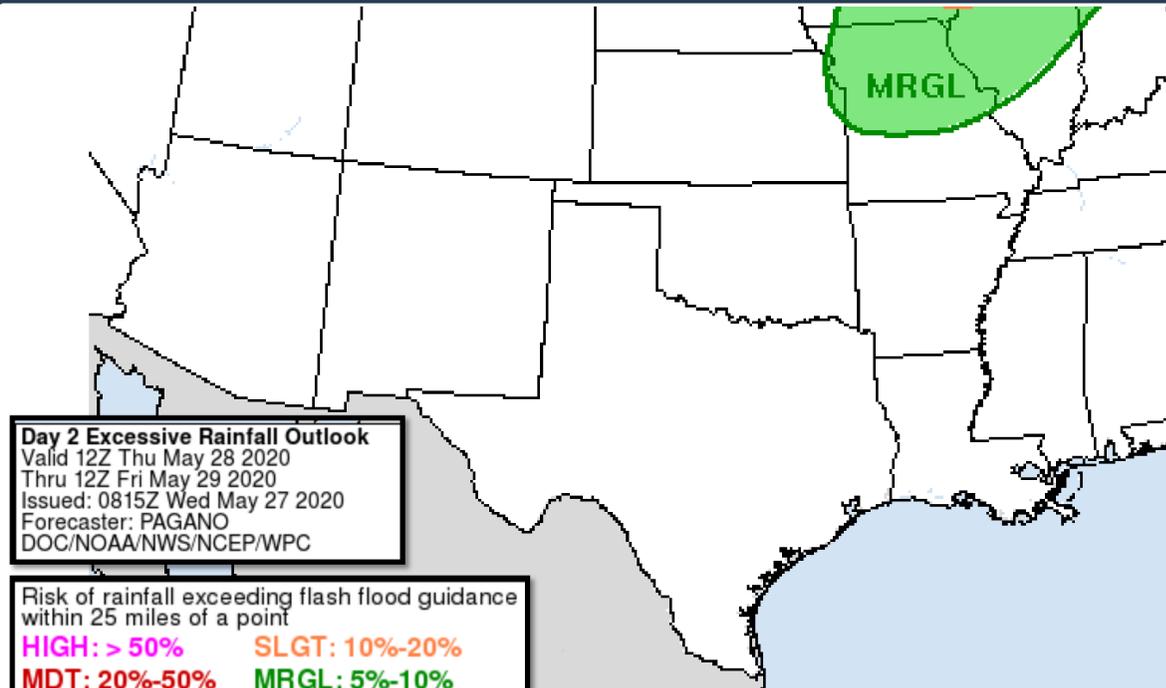
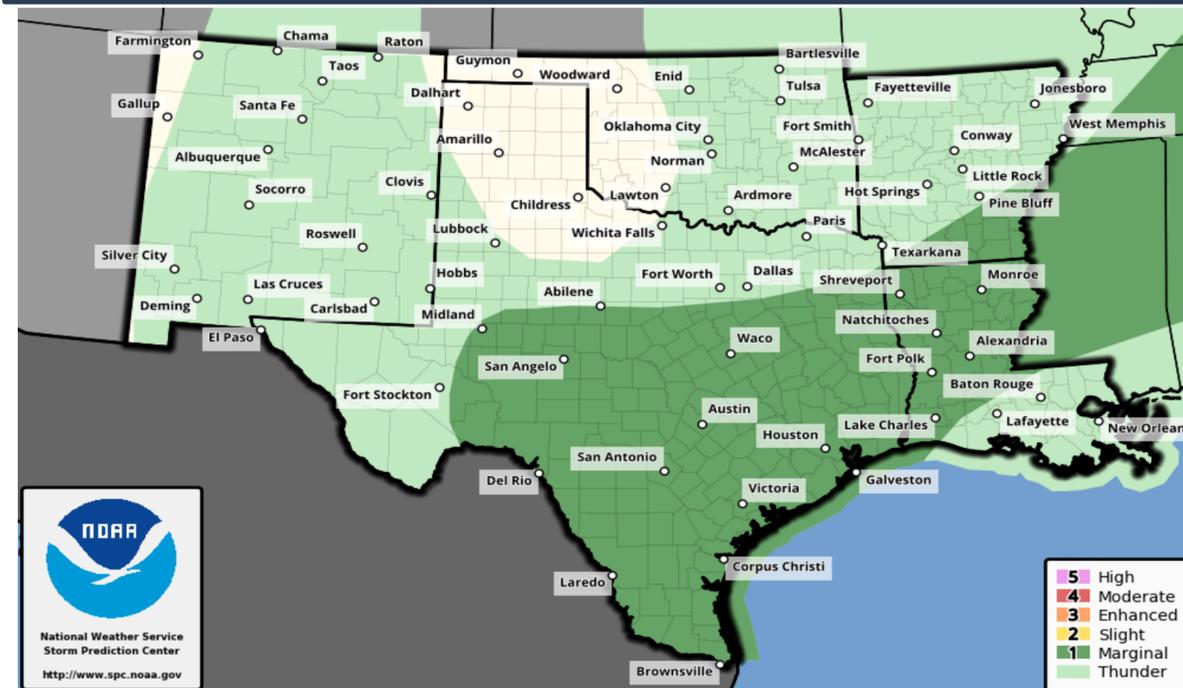


Weather Valid 8am EDT Thu May 28 2020 to 8am EDT Fri May 29 2020  
Fronts Valid 8am EDT Thu May 28 2020  
Issued 4:53 AM EDT Wed, May 27, 2020  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by Kebede with WPC/SPC/NHC forecasts.

**24-Hour Day 2 QPF**  
Valid 12Z Thu May 28 2020  
Thru 12Z Fri May 29 2020  
Issued: 0810Z Wed May 27 2020

## Severe Weather Outlook

## Excessive Rainfall Outlook



**Day 2 Excessive Rainfall Outlook**  
Valid 12Z Thu May 28 2020  
Thru 12Z Fri May 29 2020  
Issued: 0815Z Wed May 27 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%**



# Friday's Weather

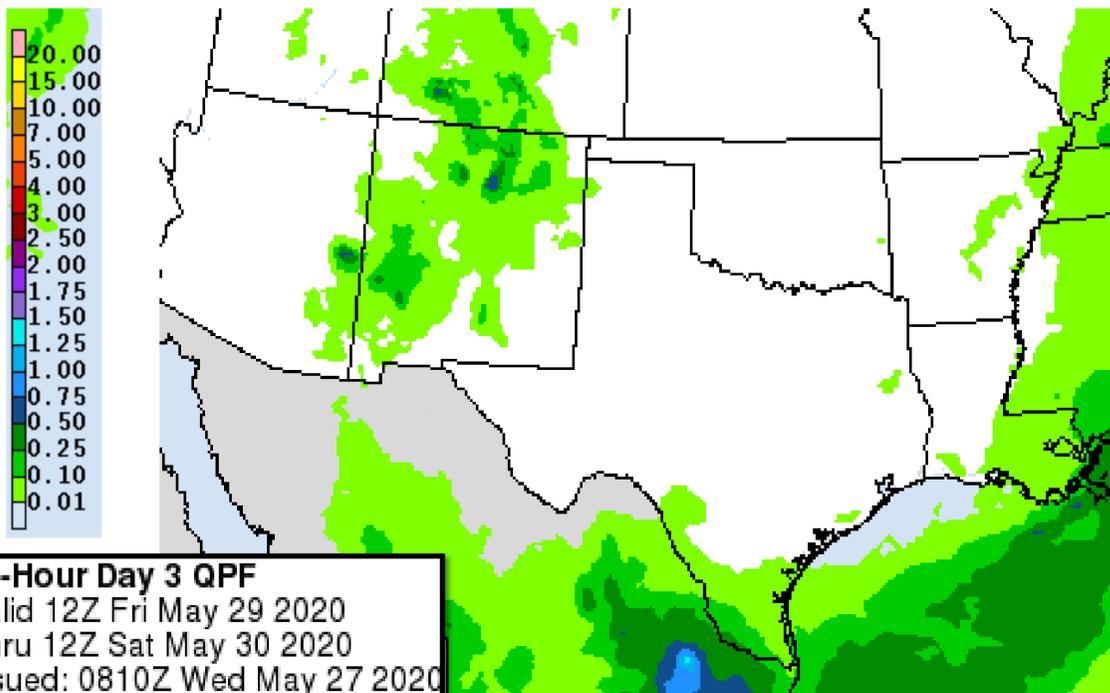
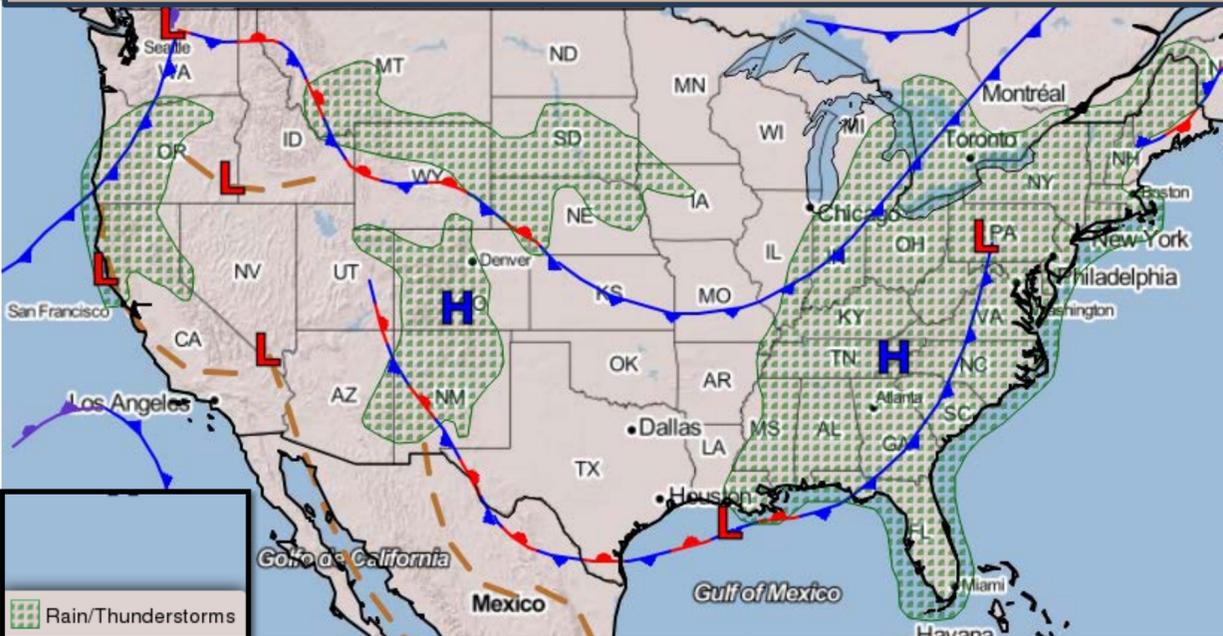


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## Forecast Chart

## Forecast Rainfall

**No significant weather expected.**



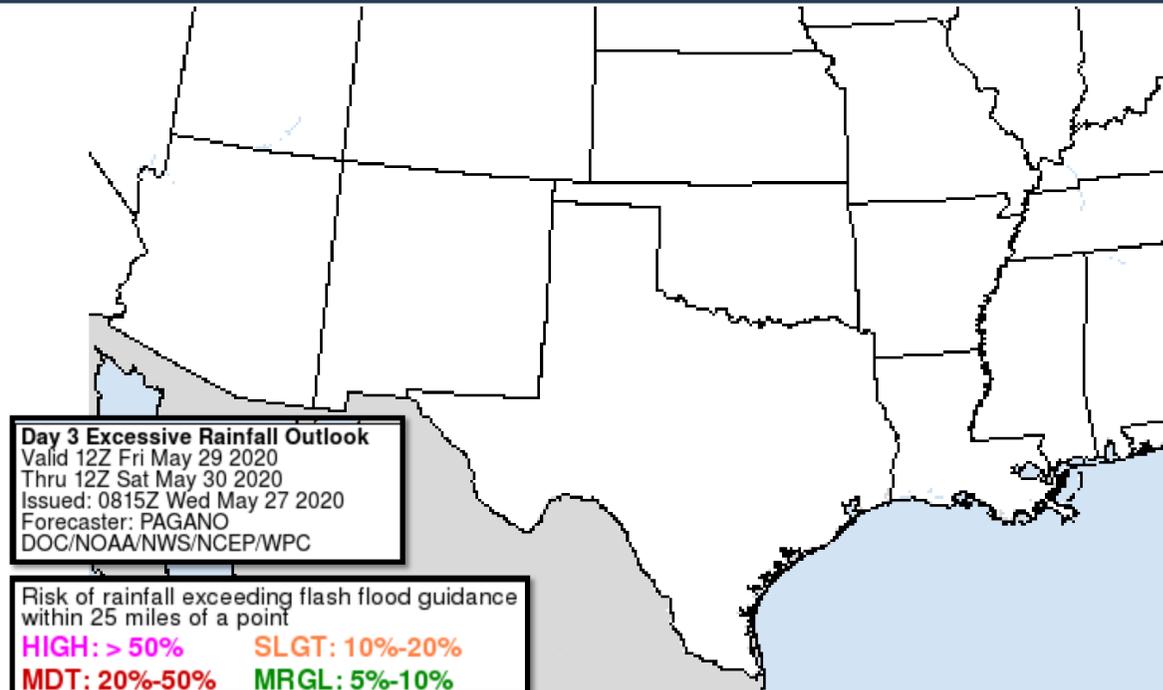
Weather Valid 8am EDT Fri May 29 2020 to 8am EDT Sat May 30 2020  
Fronts Valid 8am EDT Fri May 29 2020

Issued 4:55 AM EDT Wed, May 27, 2020  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by Kebede with WPC/SPC/NHC forecasts.

**24-Hour Day 3 QPF**  
Valid 12Z Fri May 29 2020  
Thru 12Z Sat May 30 2020  
Issued: 0810Z Wed May 27 2020

## Severe Weather Outlook

## Excessive Rainfall Outlook



**Day 3 Excessive Rainfall Outlook**  
Valid 12Z Fri May 29 2020  
Thru 12Z Sat May 30 2020  
Issued: 0815Z Wed May 27 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%**

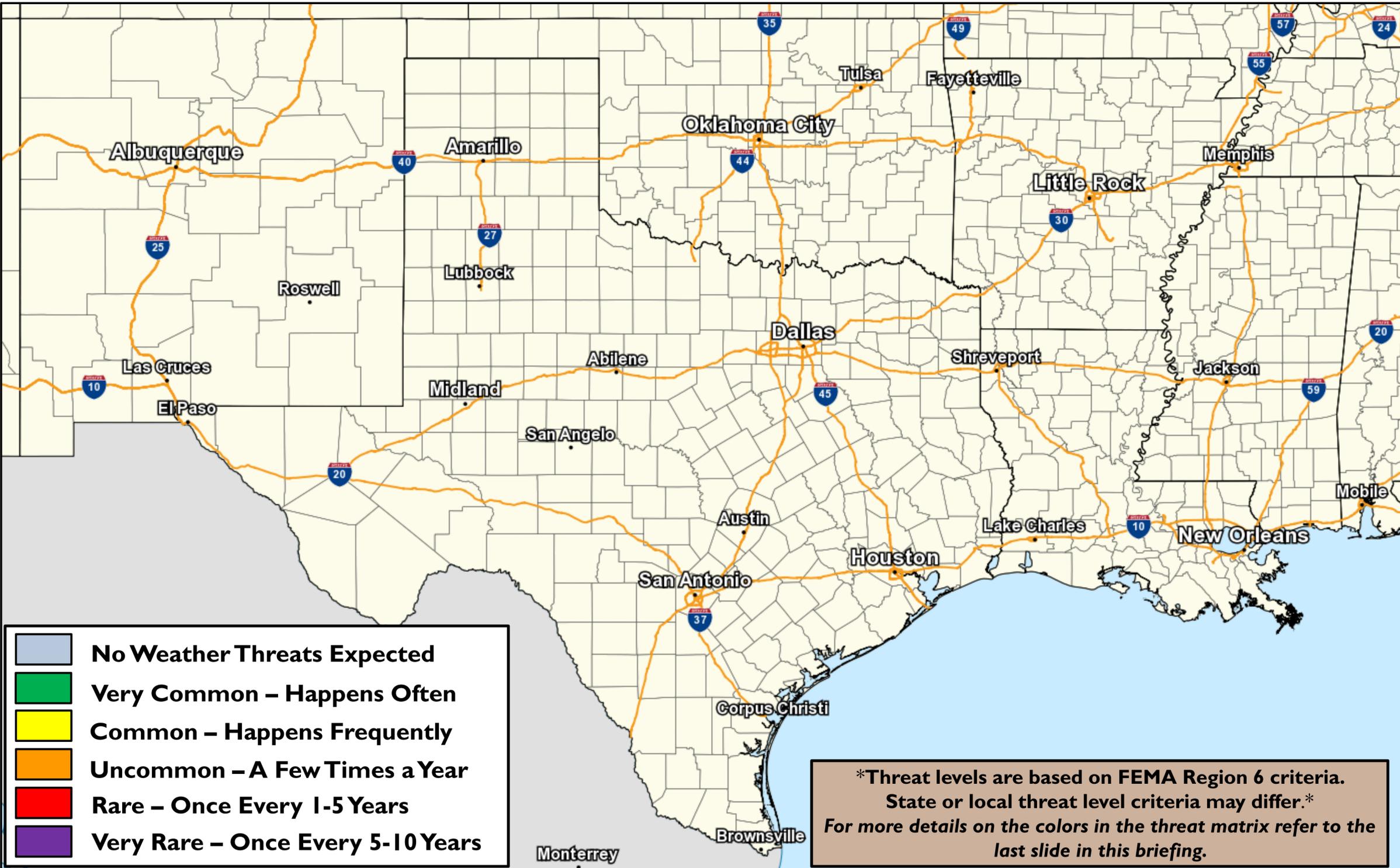
# Days 4-5 Weather Hazards

Saturday - Sunday



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No significant weather impacts expected.

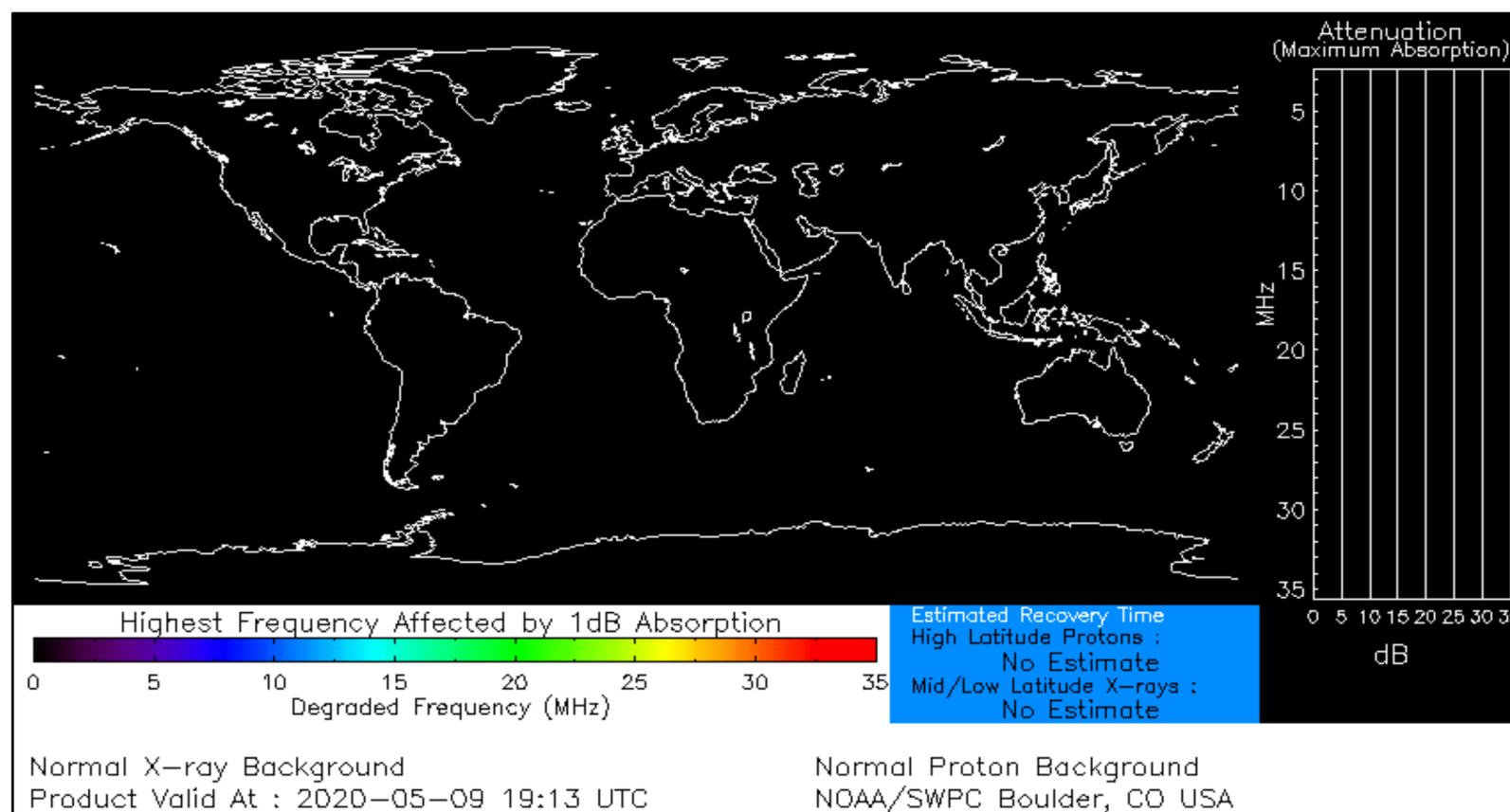


# Space Weather 3-Day Forecast



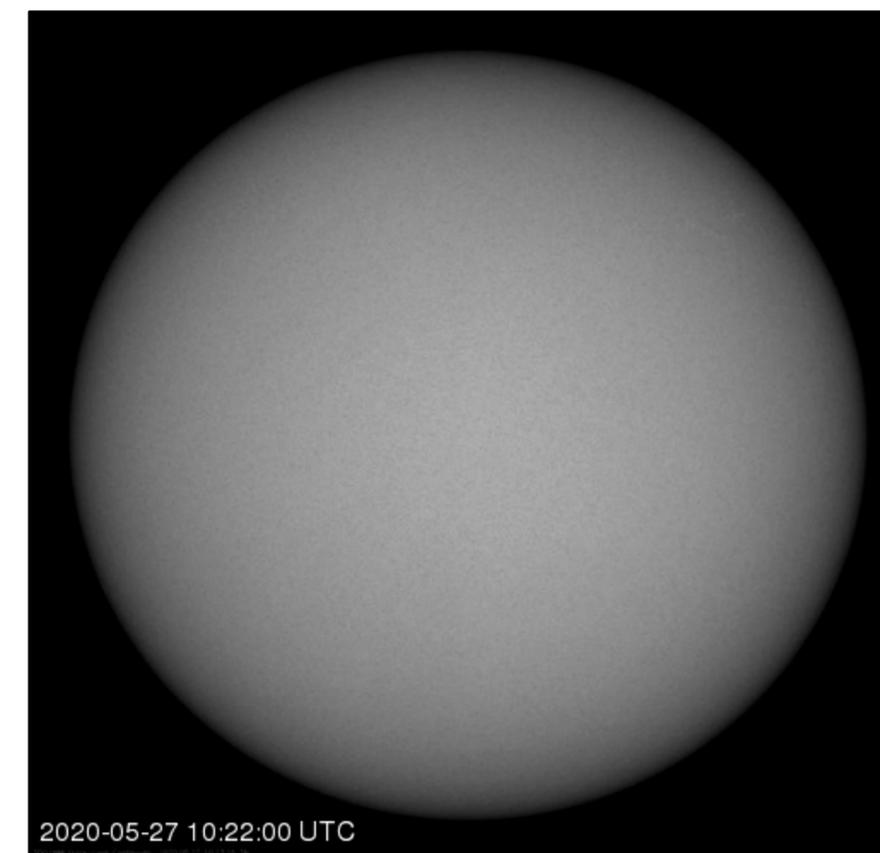
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	Wednesday	Thursday	Friday
<b>Geomagnetic Storms</b>	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)
<b>Solar Radiation Storm (S1-S5)</b>	1%	1%	1%
<b>Radio Blackout (R1-R2)</b>	1%	1%	1%
<b>Radio Blackout (R3-R5)</b>	1%	1%	1%



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

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





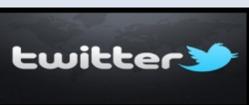
**For more information, please contact:**

**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).**