



FEMA



Prepared by  
*Brian Hoeth*

# FEMA Region 6 Weather Threat Briefing

Saturday June 20, 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).



- **A few severe thunderstorms today across TX/OK into W AR/LA. Isolated heavy rainfall across S OK/N TX.**
- **Scattered severe storms likely Sunday for OK/AR. Isolated heavy rainfall for OK.**
- **A few severe thunderstorms Monday for portions of TX/OK/AR. Isolated heavy rainfall for OK/N AR.**

# FEMA Region 6 Threat Matrix



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Jun 20, 2020 - Jun 24, 2020

DAY / THREAT	Sat	Sun	Mon	Tue	Wed
Severe Storms	W TX into S OK	N OK	TX Panhandle into N&Cntrl OK	AR/N TX/SE OK/N LA	
	TX/OK into W AR/LA	OK/NW AR	W TX/S OK/NW AR		
Heavy Rain / Flash Flooding	S OK/N TX	OK	OK	AR/N TX/SE OK/N LA	
			AR		
Fire Weather					
Tropical Winds / Surge					
Winter Weather					
River Flooding	AR, LA, TX	AR, LA	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.*

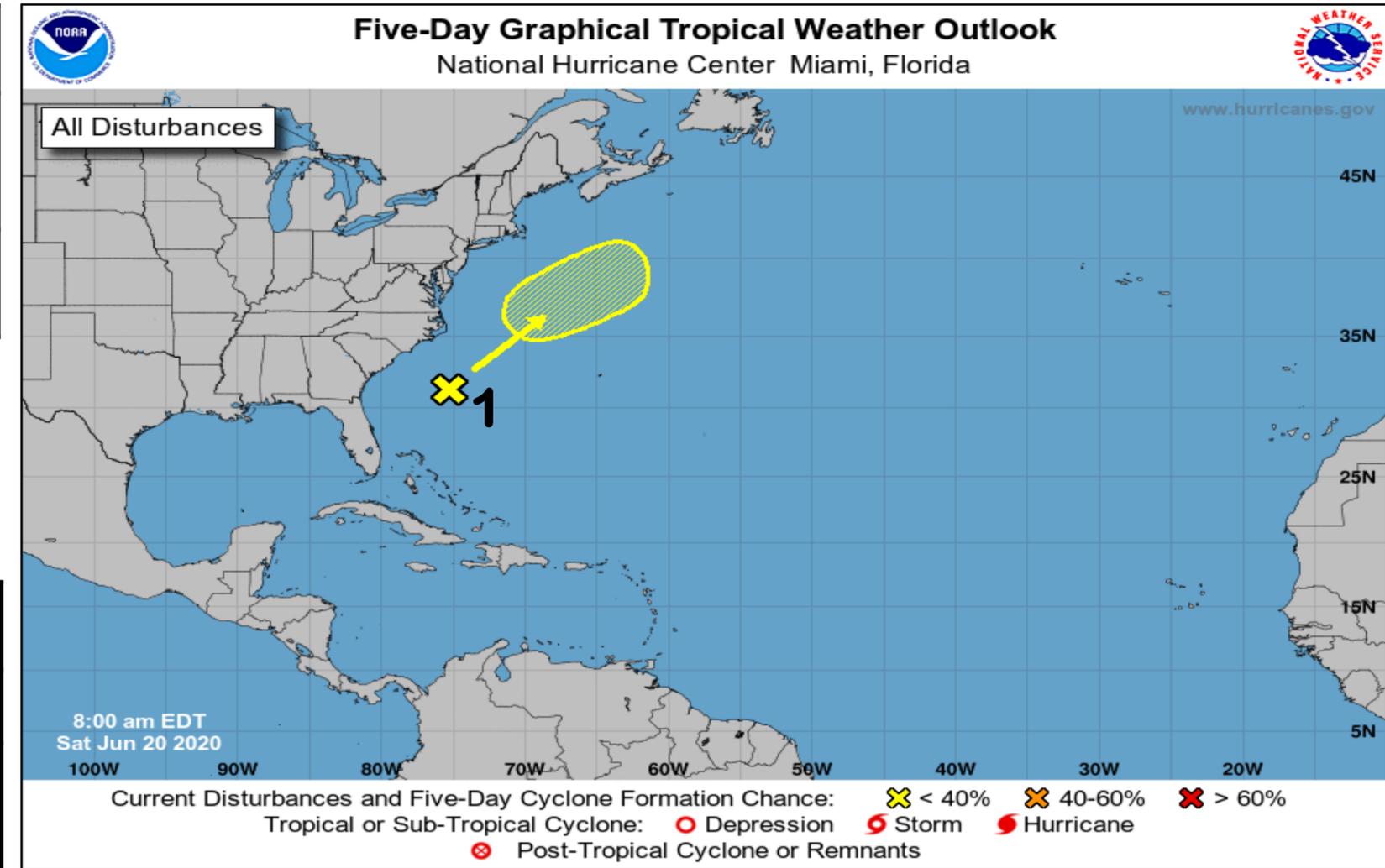


## Areas of Possible Development

Area	Chance of Development	Potential Impacts to FEMA 6
1	Low	None.

## Active Tropical Cyclones

Storm	Potential Impacts to FEMA 6
-	

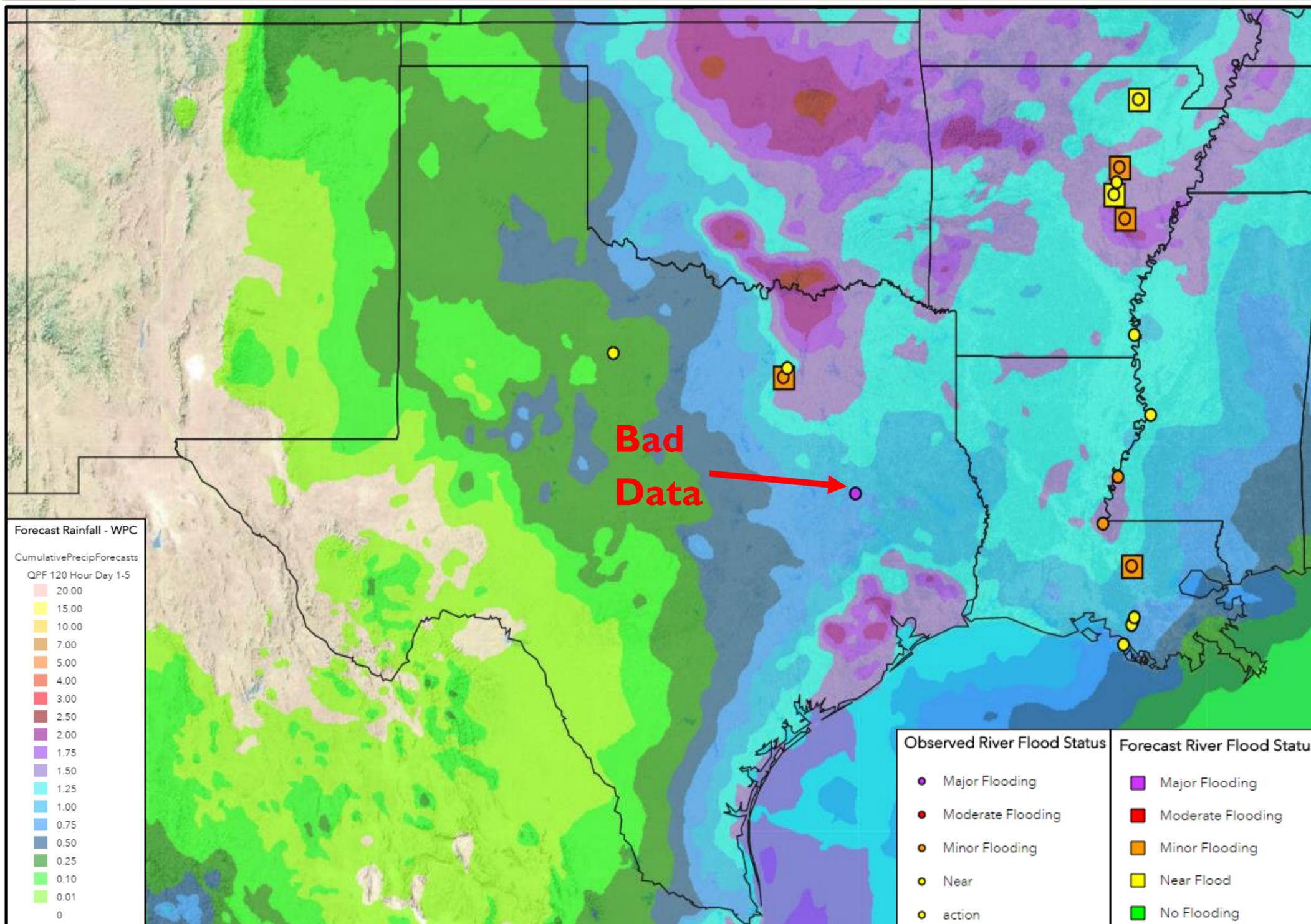


# 5-Day Precipitation Forecast & River Flood Status



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



Portions of the White River in E AR remain in minor flood stage with impacts primarily to farmland.

The Lower MS River continues in minor flood stage. Impacts are to access roads, river traffic, and industrial activity on the river.

The Trinity River at Dallas will be in minor flood today. Minor flooding of agricultural lands used for cattle grazing will occur. Low water crossings near the river will begin to flood.

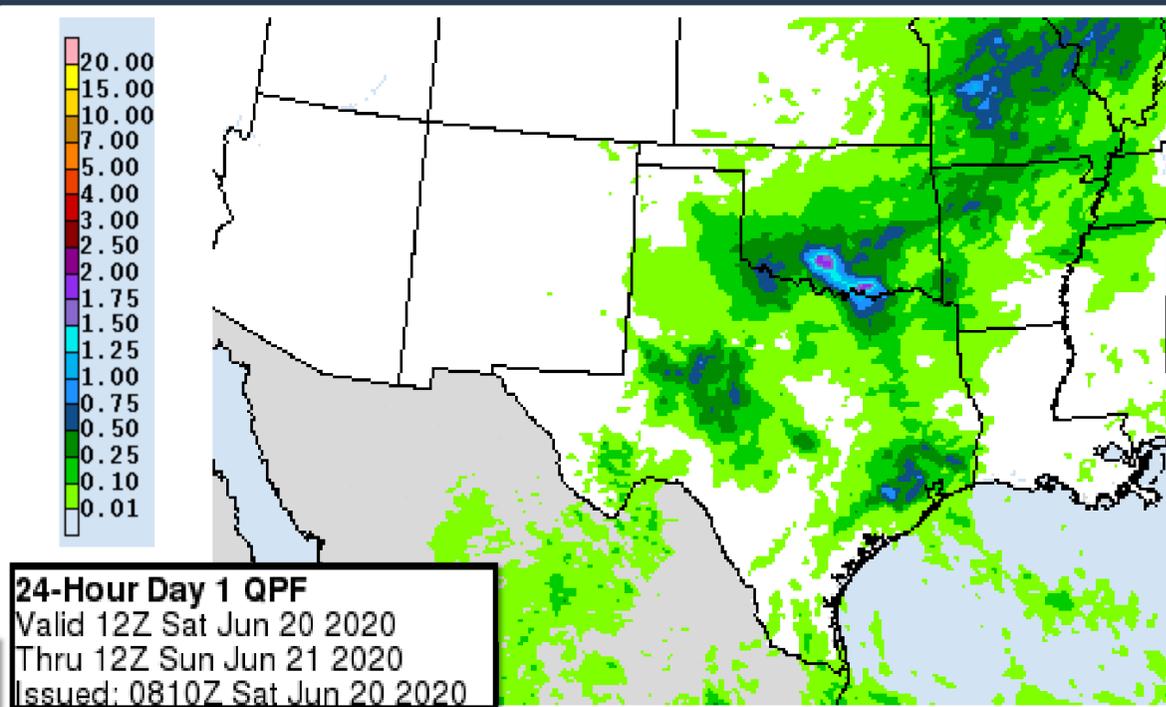
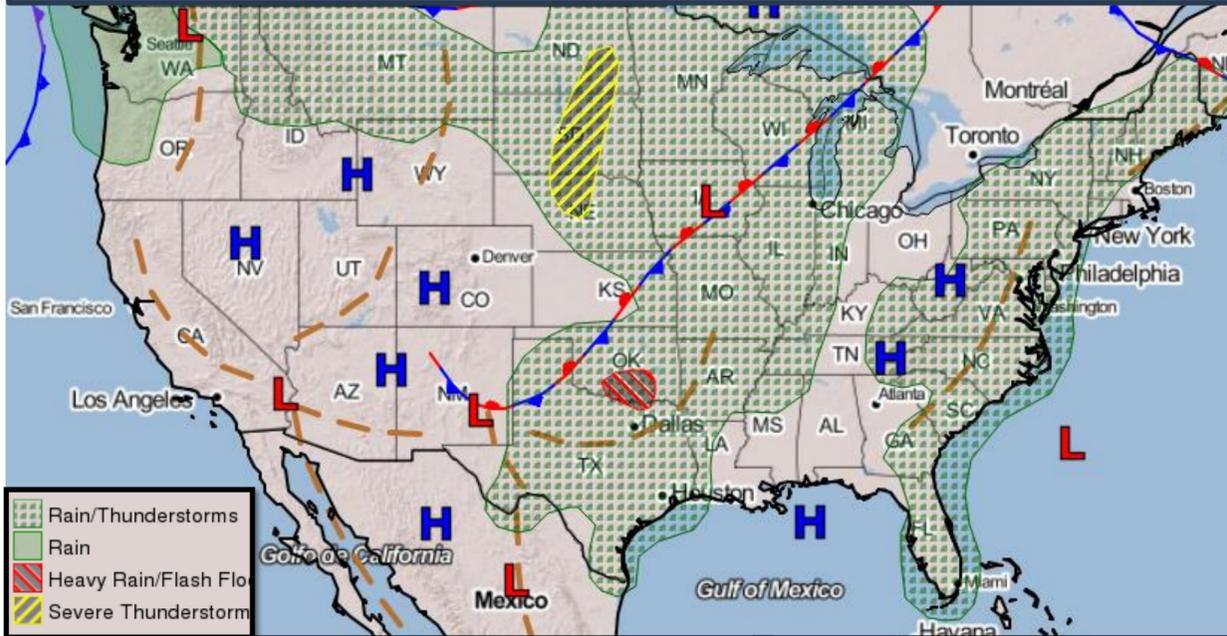
# Today's Weather



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## Forecast Chart

## Forecast Rainfall



**A few severe storms with scattered large hail and severe wind gusts across parts of west TX this afternoon into southern OK tonight.**

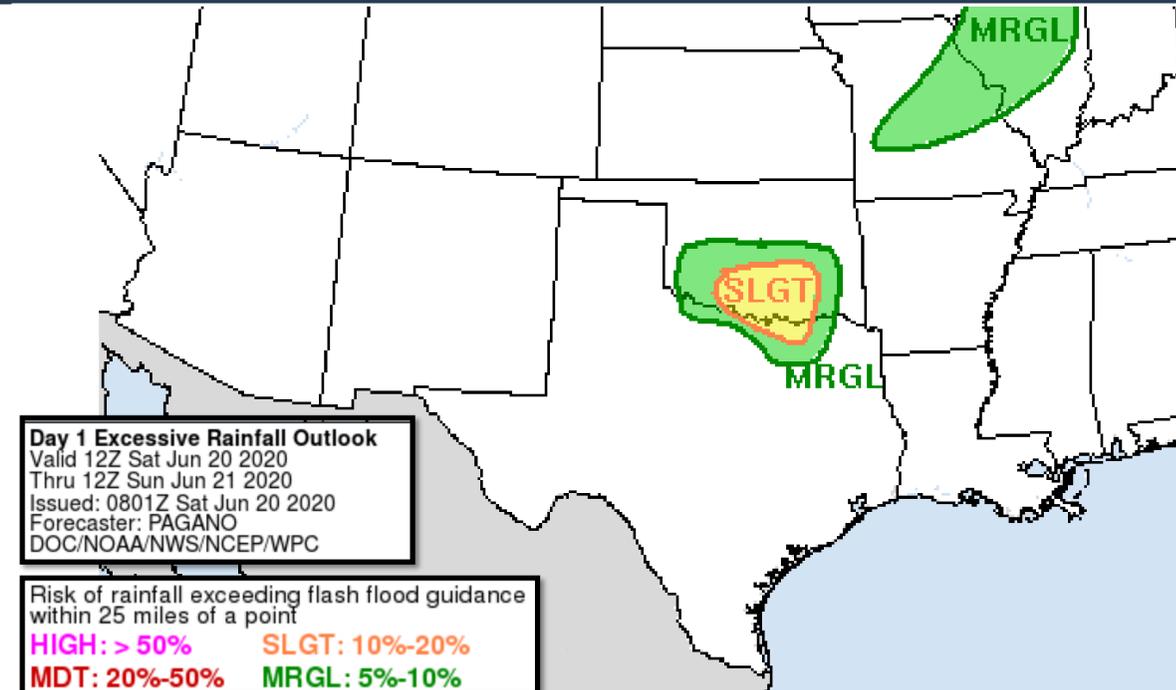
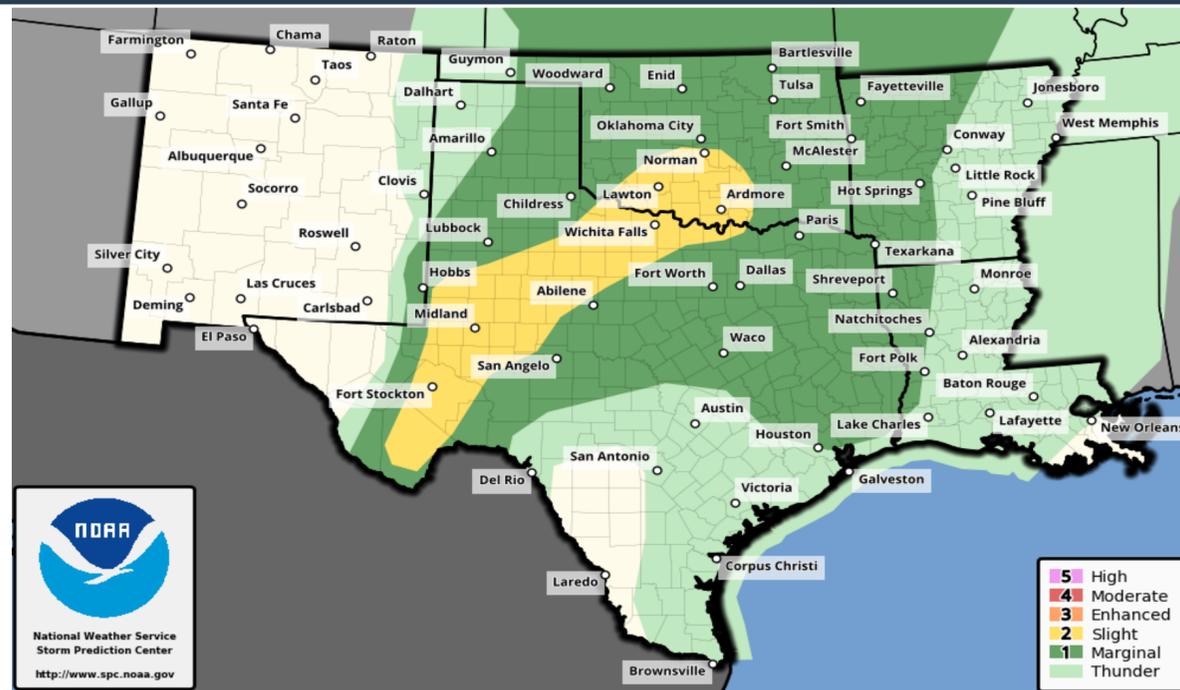
**Isolated strong/severe thunderstorms with damaging winds/hail across much of the rest of OK/TX into W AR/LA**

**Isolated heavy rainfall and flash flooding across S OK/N TX.**

Weather Valid 8am EDT Sat Jun 20 2020 to 8am EDT Sun Jun 21 2020  
 Fronts Valid 8am EDT Sat Jun 20 2020  
 Issued 3:24 AM EDT Sat, Jun 20, 2020  
 DOC/NOAA/NWS/NCEP/Weather Prediction Center  
 Prepared by Santorelli with WPC/SPC/NHC forecasts.

## Severe Weather Outlook

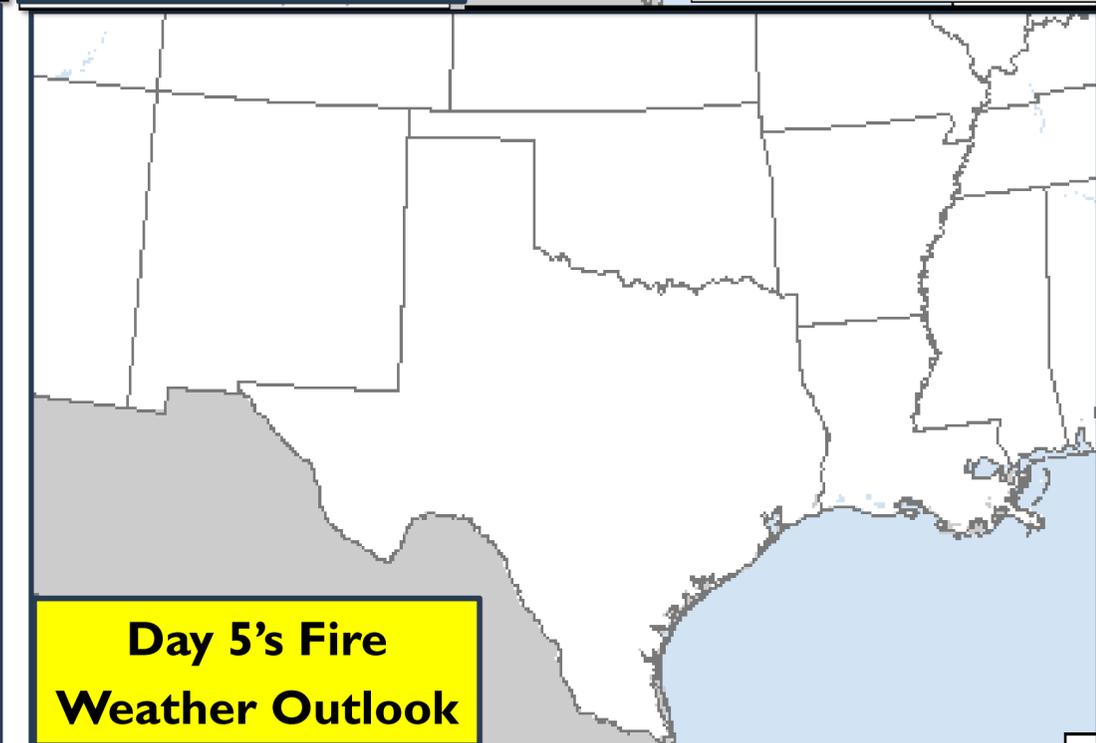
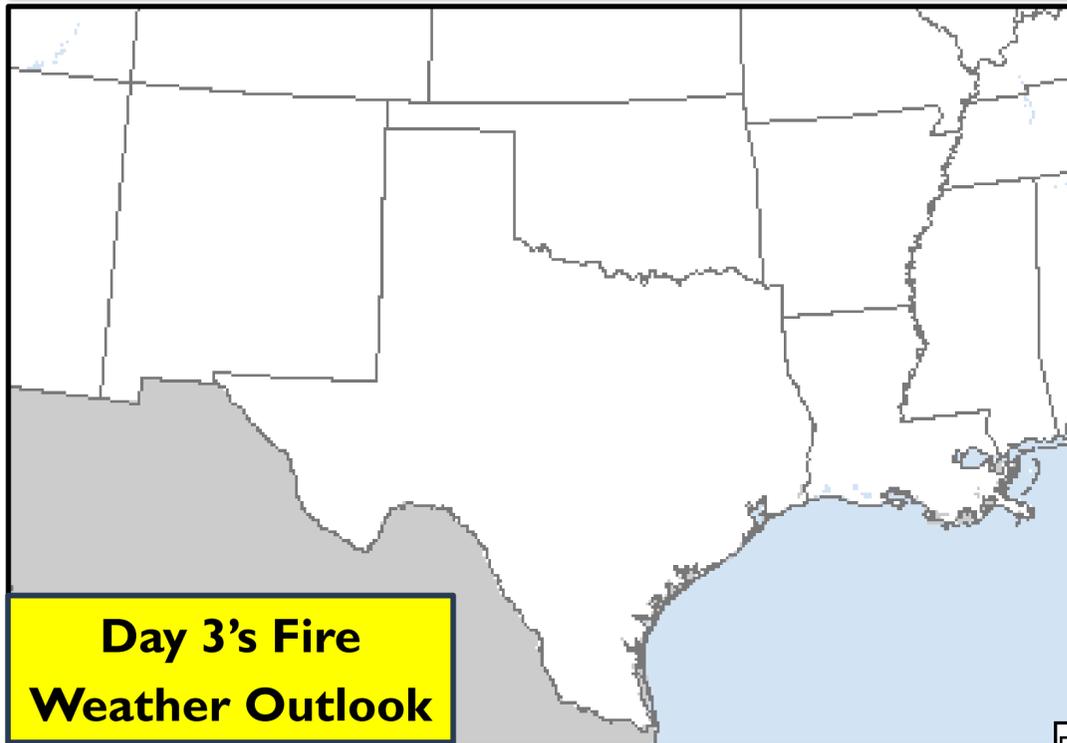
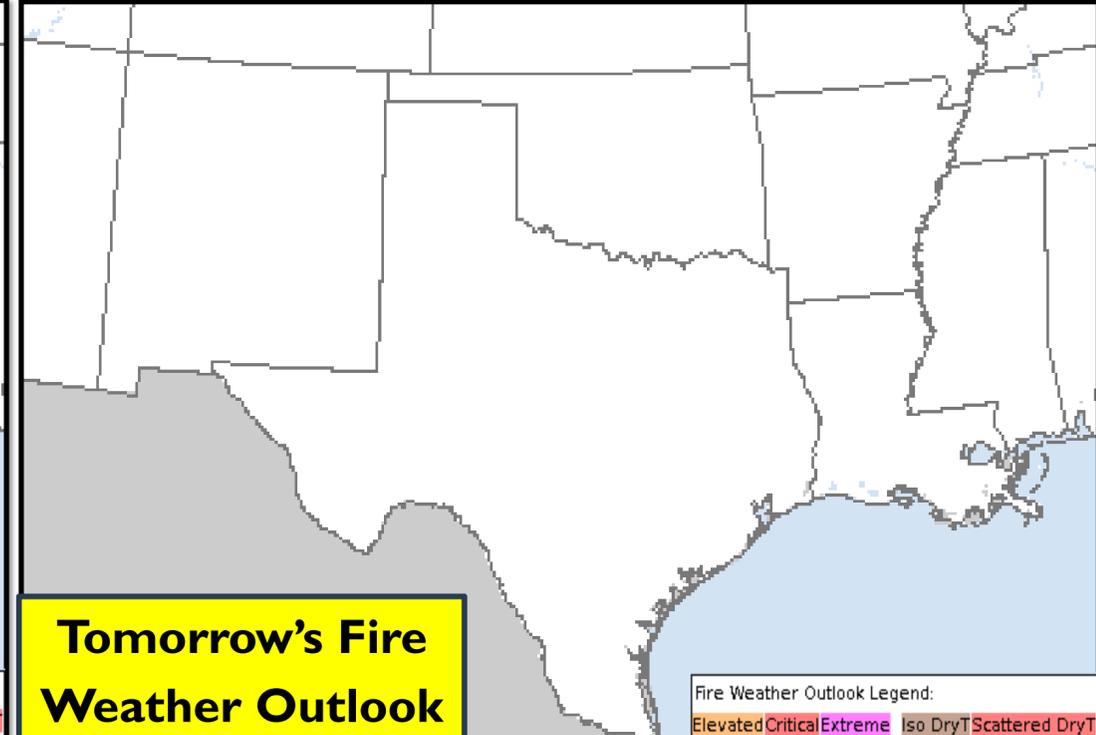
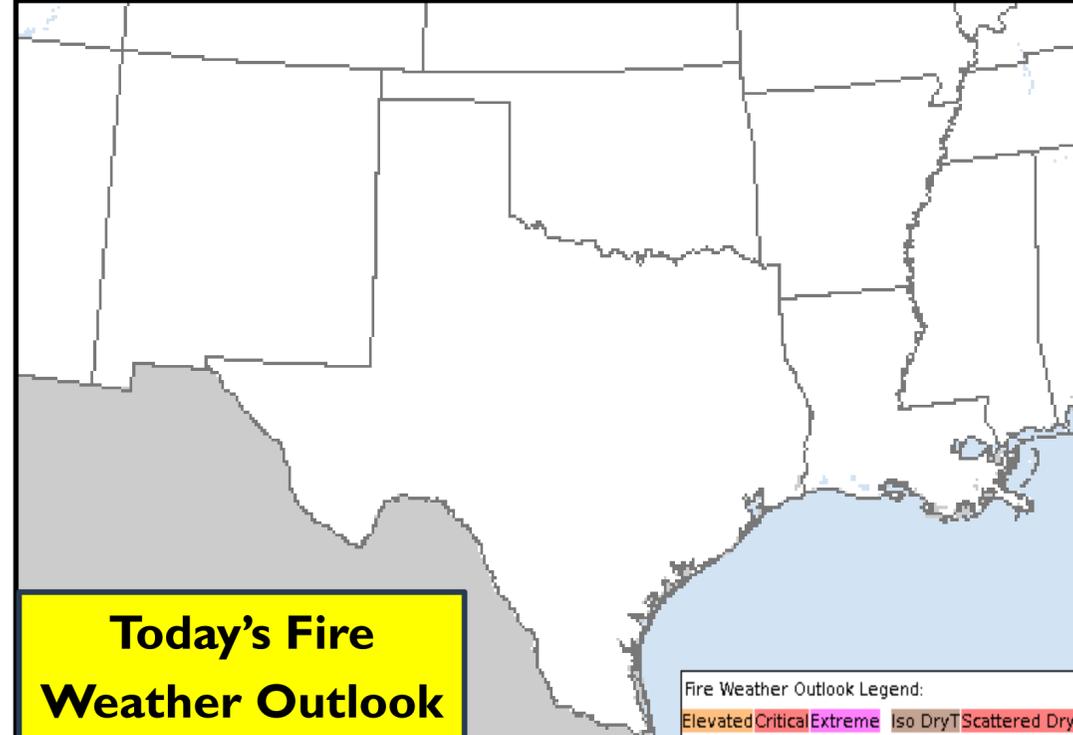
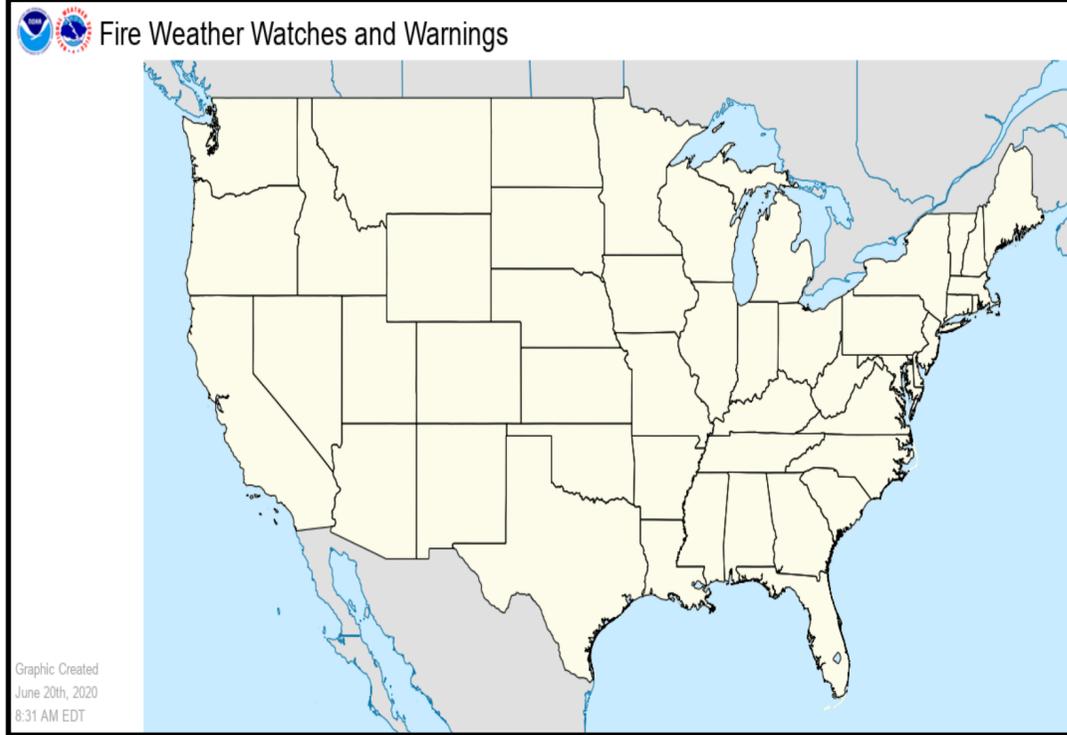
## Excessive Rainfall Outlook



# Fire Weather Outlooks



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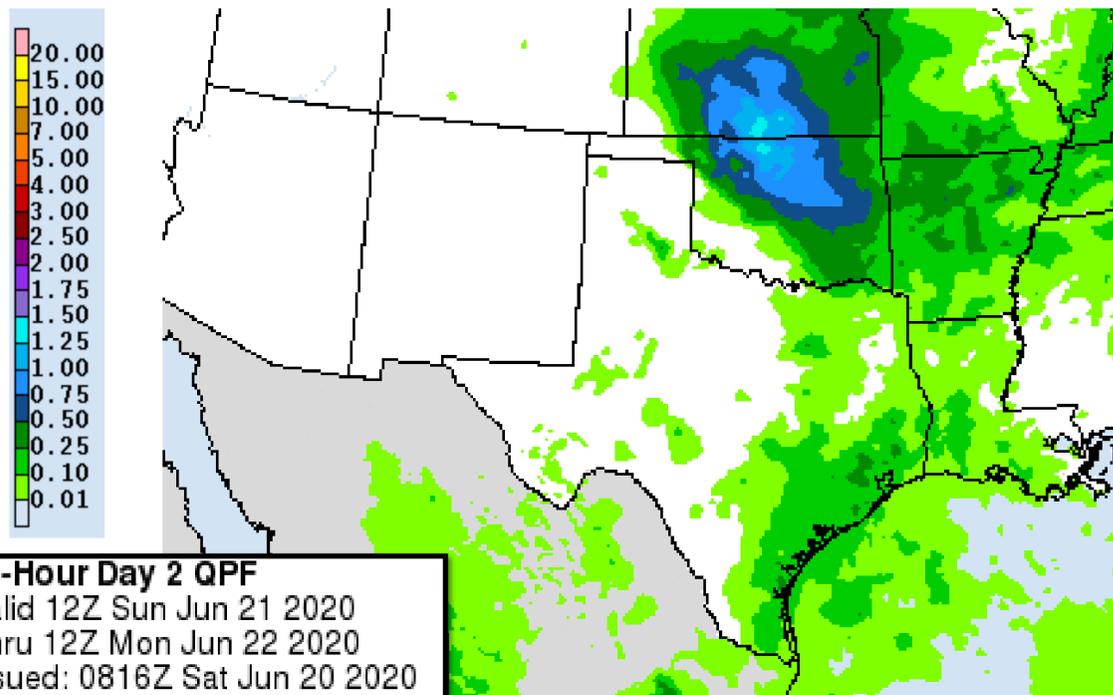
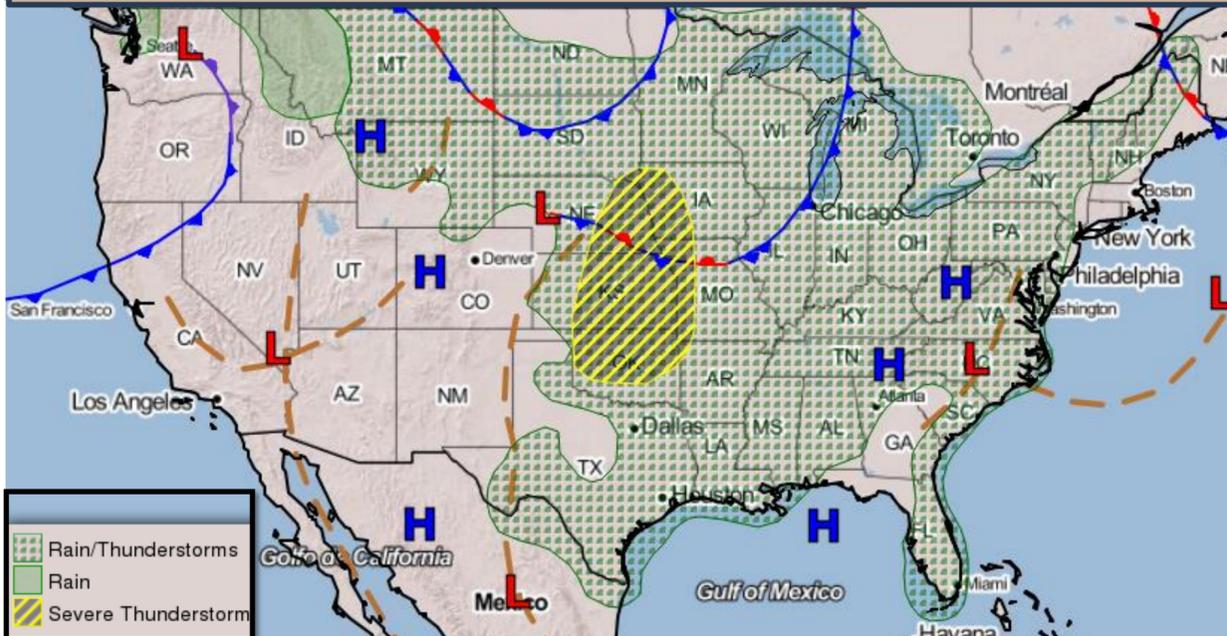
# Tomorrow's Weather



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## Forecast Chart

## Forecast Rainfall



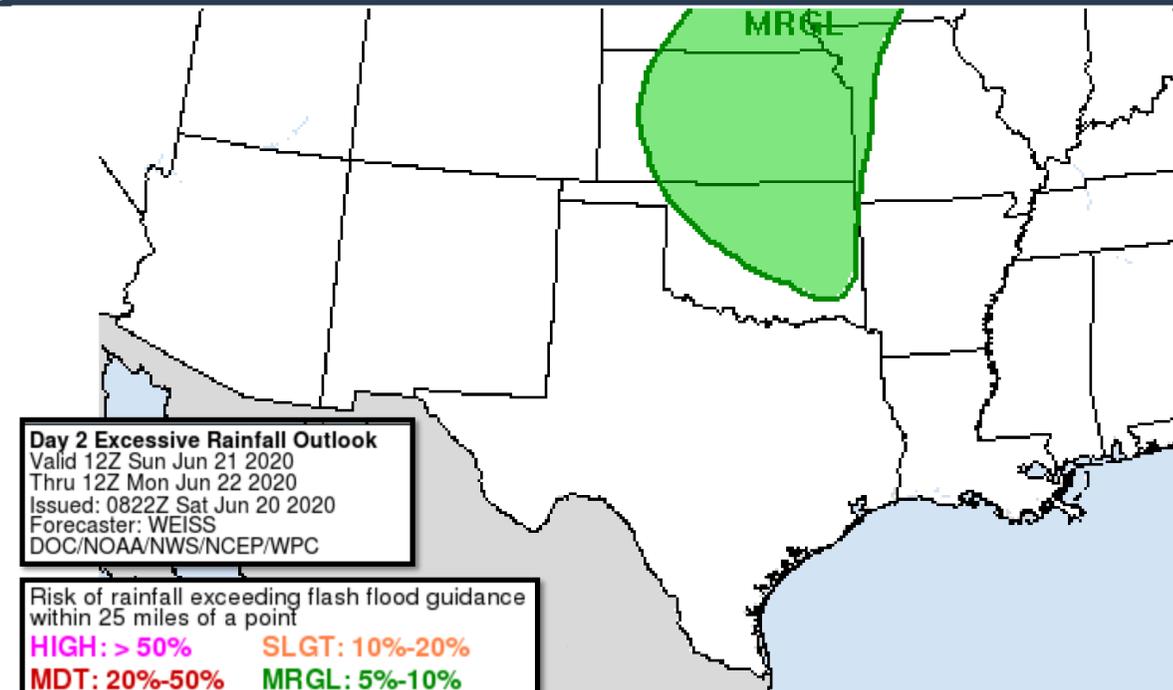
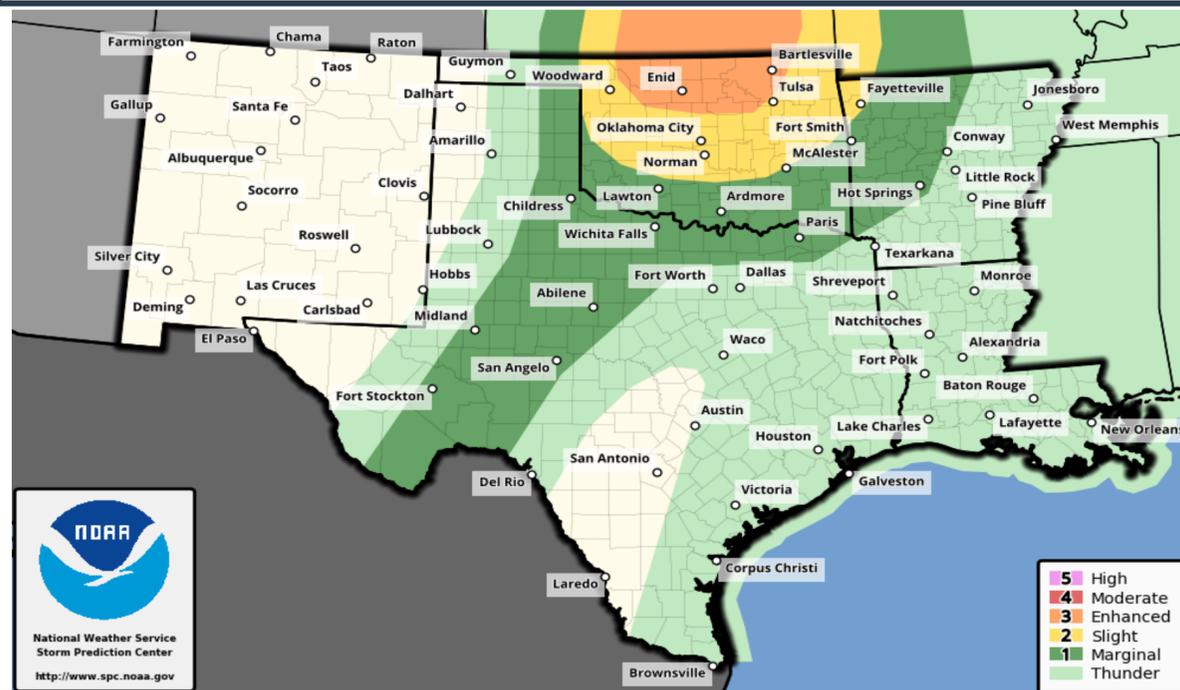
**Scattered severe thunderstorms are likely Sunday afternoon and evening across northern OK. Wind damage will be the greatest threat but a tornado and large hail threat will also be likely.**

Weather Valid 8am EDT Sun Jun 21 2020 to 8am EDT Mon Jun 22 2020  
Fronts Valid 8am EDT Sun Jun 21 2020  
Issued 4:52 AM EDT Sat, Jun 20, 2020  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by Kebede with WPC/SPC/NHC forecasts.

**24-Hour Day 2 QPF**  
Valid 12Z Sun Jun 21 2020  
Thru 12Z Mon Jun 22 2020  
Issued: 0816Z Sat Jun 20 2020

## Severe Weather Outlook

## Excessive Rainfall Outlook



**Slight risk of severe storms across much of the rest of OK into NW AR. Large hail and damaging winds are the main threats. A tornado or two possible in OK.**

**Isolated heavy rainfall and flash flooding across OK.**

**Day 2 Excessive Rainfall Outlook**  
Valid 12Z Sun Jun 21 2020  
Thru 12Z Mon Jun 22 2020  
Issued: 0822Z Sat Jun 20 2020  
Forecaster: WEISS  
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%**



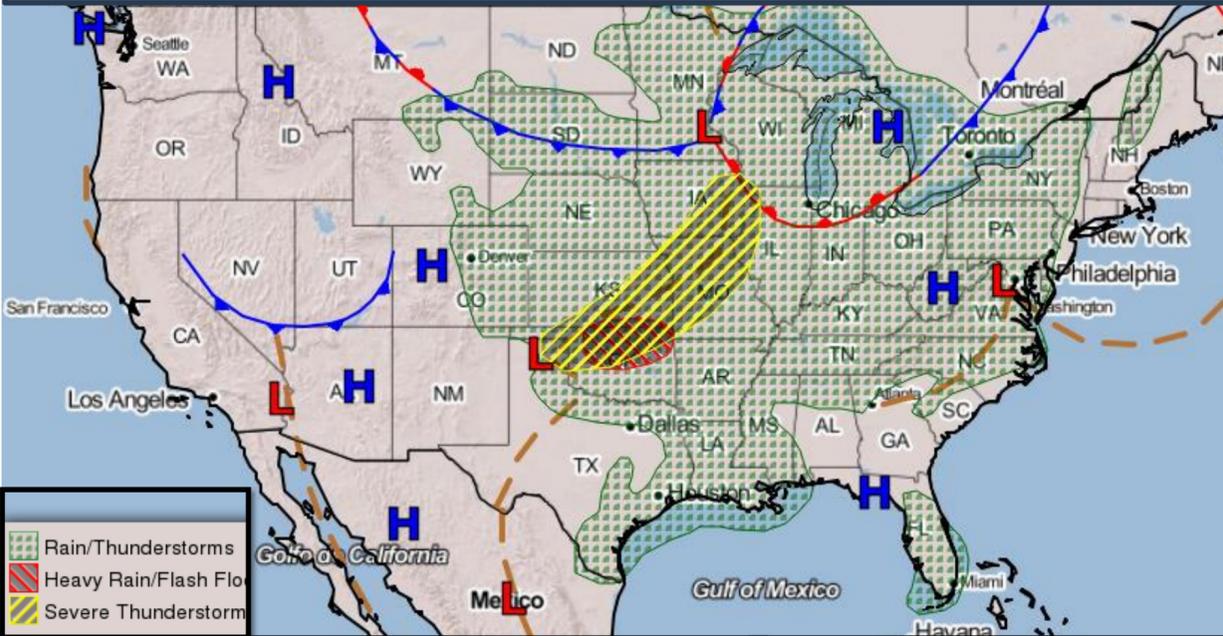
# Monday's Weather



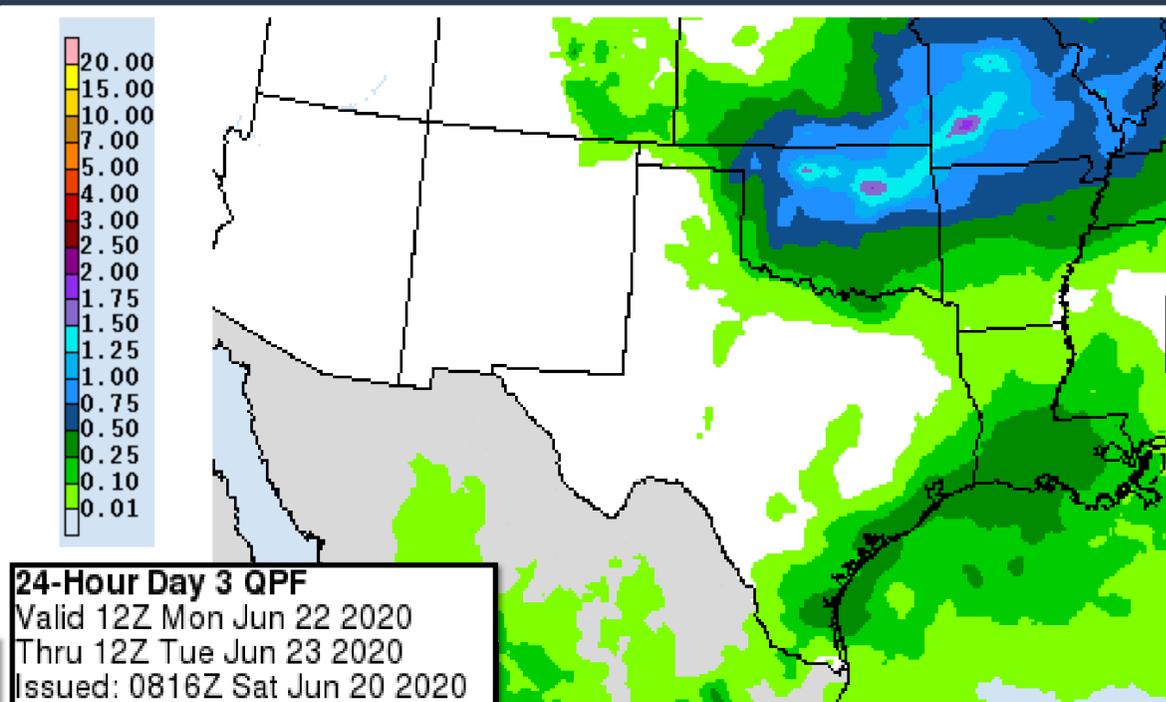
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## Forecast Chart

## Forecast Rainfall



Weather Valid 8am EDT Mon Jun 22 2020 to 8am EDT Tue Jun 23 2020  
Fronts Valid 8am EDT Mon Jun 22 2020  
Issued 4:54 AM EDT Sat, Jun 20, 2020  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by Kebede with WPC/SPC/NHC forecasts.



**24-Hour Day 3 QPF**  
Valid 12Z Mon Jun 22 2020  
Thru 12Z Tue Jun 23 2020  
Issued: 0816Z Sat Jun 20 2020

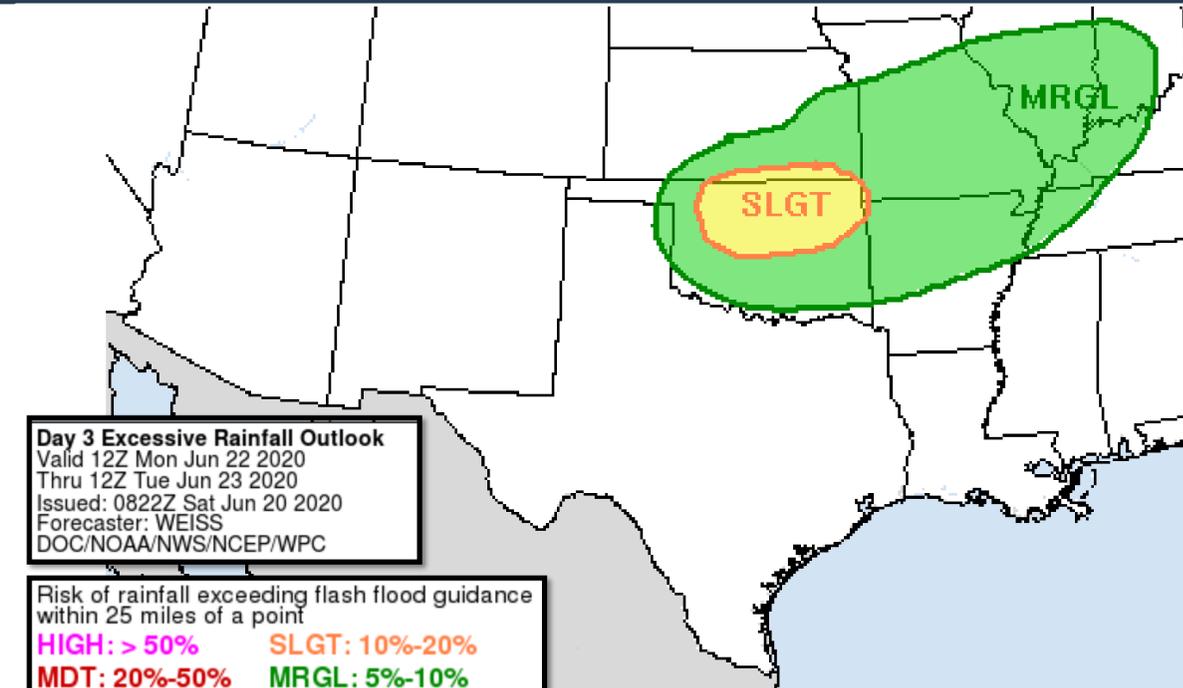
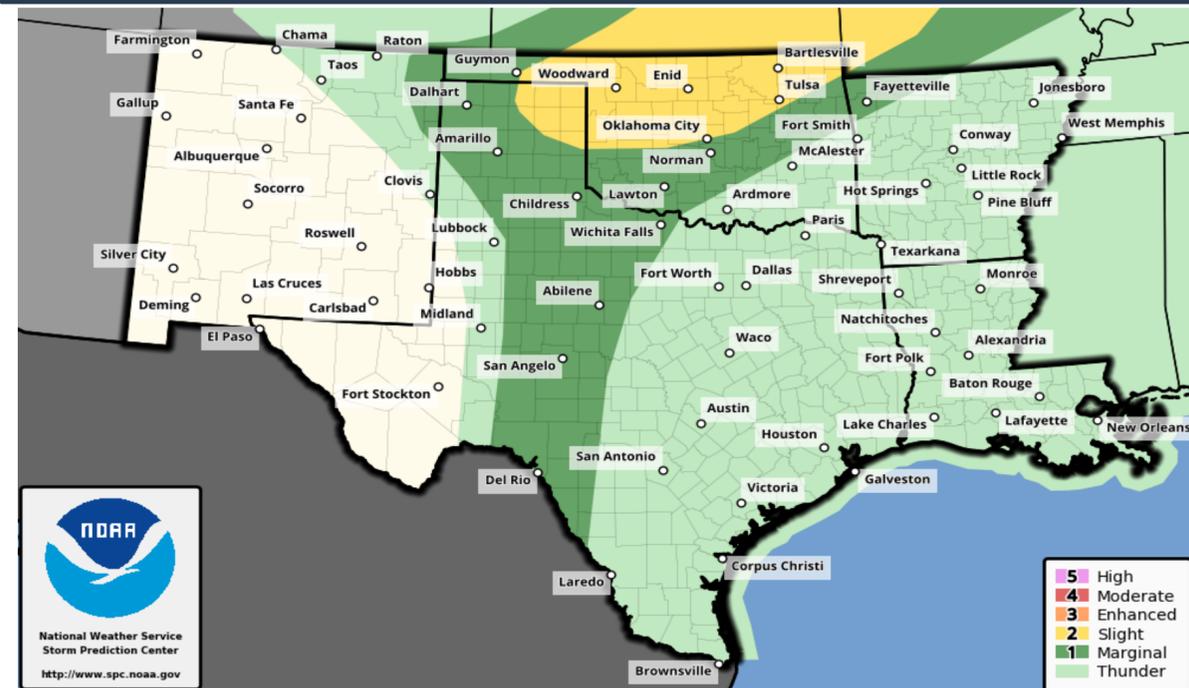
**A few severe thunderstorms Monday afternoon and evening from the eastern Texas Panhandle northeastward into Central and Northern OK. Wind damage and isolated large hail will be the primary threats.**

**Isolated severe storms with damaging winds/hail for W TX into southern OK and NW AR.**

**Isolated heavy rain/flash flooding for OK into N AR.**

## Severe Weather Outlook

## Excessive Rainfall Outlook



**Day 3 Excessive Rainfall Outlook**  
Valid 12Z Mon Jun 22 2020  
Thru 12Z Tue Jun 23 2020  
Issued: 0822Z Sat Jun 20 2020  
Forecaster: WEISS  
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%**

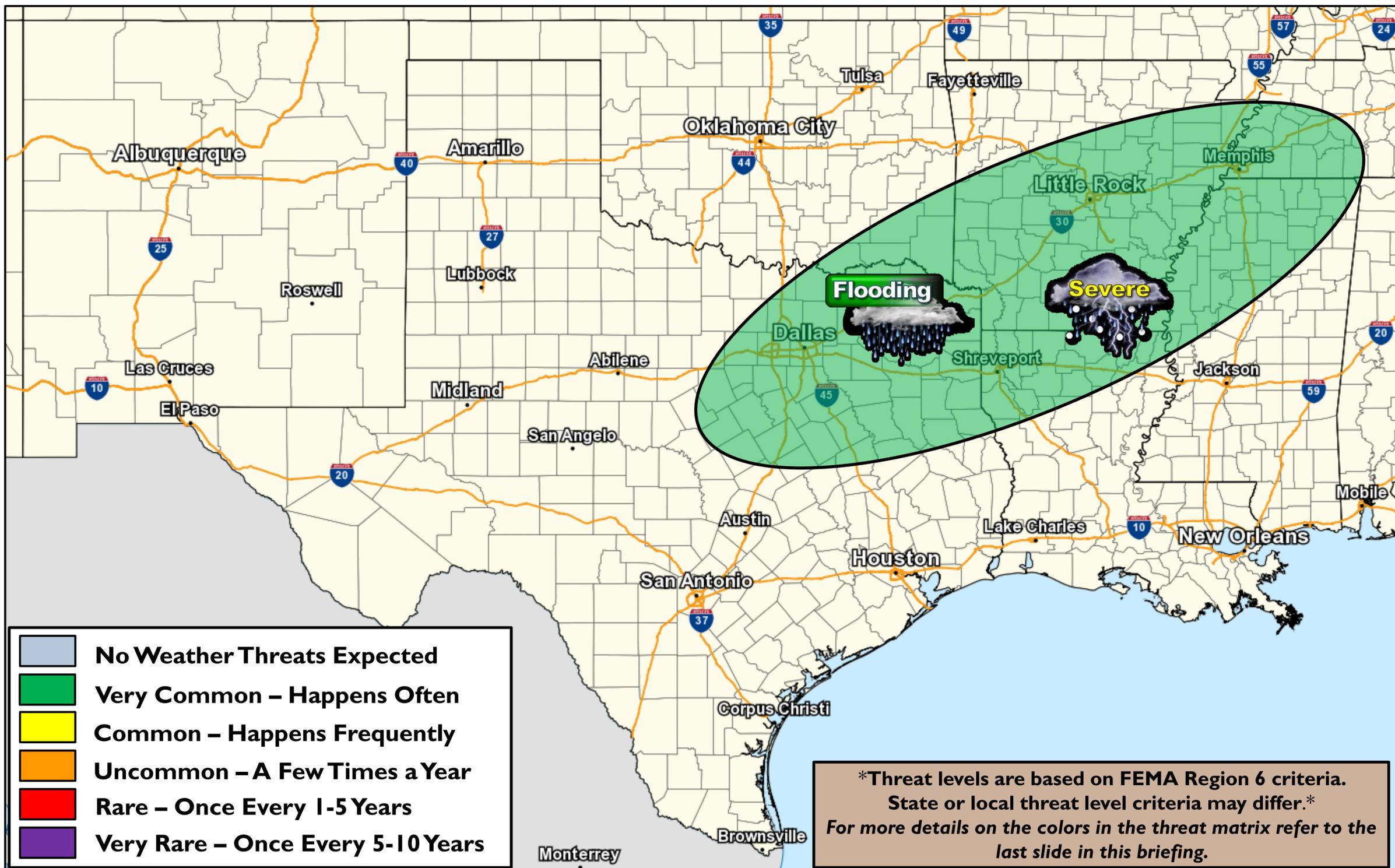
# Days 4-5 Weather Hazards

## Tuesday - Wednesday



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Isolated severe storms and heavy rain/flash flooding on Tuesday for AR/NTX/SE OK/N LA.

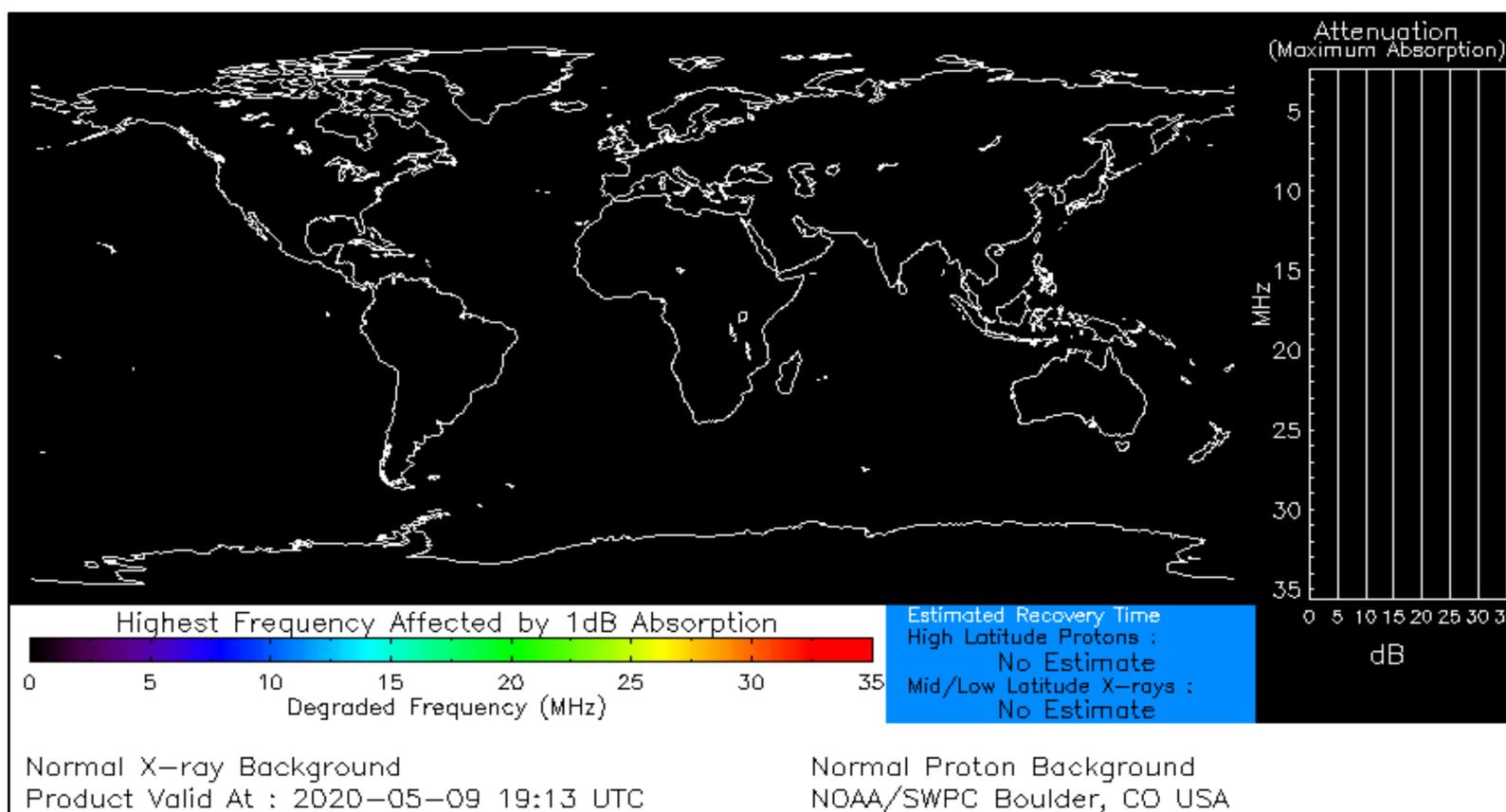


# Space Weather 3-Day Forecast



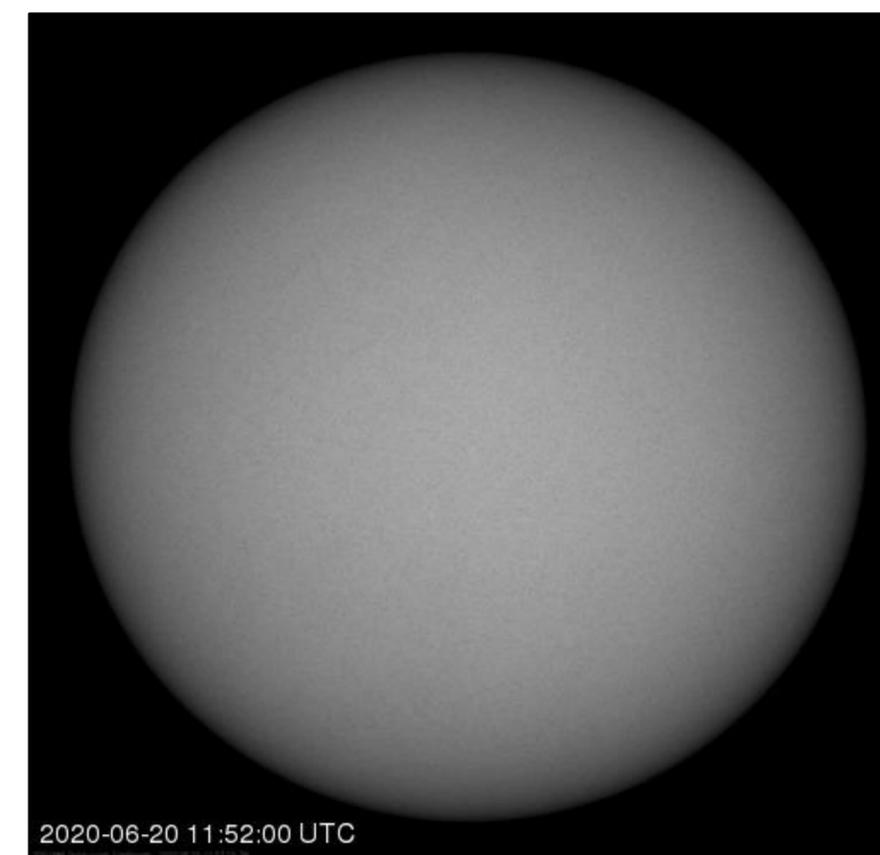
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	Saturday	Sunday	Monday
<b>Geomagnetic Storms</b>	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)
<b>Solar Radiation Storm (S1-S5)</b>	1%	1%	1%
<b>Radio Blackout (R1-R2)</b>	1%	1%	1%
<b>Radio Blackout (R3-R5)</b>	1%	1%	1%



[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).**