



# FEMA



Prepared by  
*Kurt Van Speybroeck*

# FEMA Region 6 Weather Threat Briefing

Wednesday July 22, 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 rain/flash flooding potential associated with the seasonal monsoon continues over parts of NM.**
- **There is an area of disturbed weather that has a medium chance of development in the Gulf of Mexico by Friday.**
  - **Isolated heavy rain/flash flooding possible along the TX/LA coasts into Saturday.**
- **TD 7 is 1300 miles east of the Windward Islands and is moving WNW at 12 mph. No threat to the FEMA 6 in the next five days.**

# FEMA Region 6 Threat Matrix



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Jul 22, 2020 - Jul 26, 2020

DAY / THREAT	Wed	Thu	Fri	Sat	Sun
Severe Storms					
Heavy Rain / Flash Flooding	NM	NM TX/LA coasts	NM TX/LA coasts	NM TX	NM
Fire Weather					
Tropical Winds / Surge					
Heat					
River Flooding					

	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.*

# Tropical Weather Outlook – Atlantic/Gulf

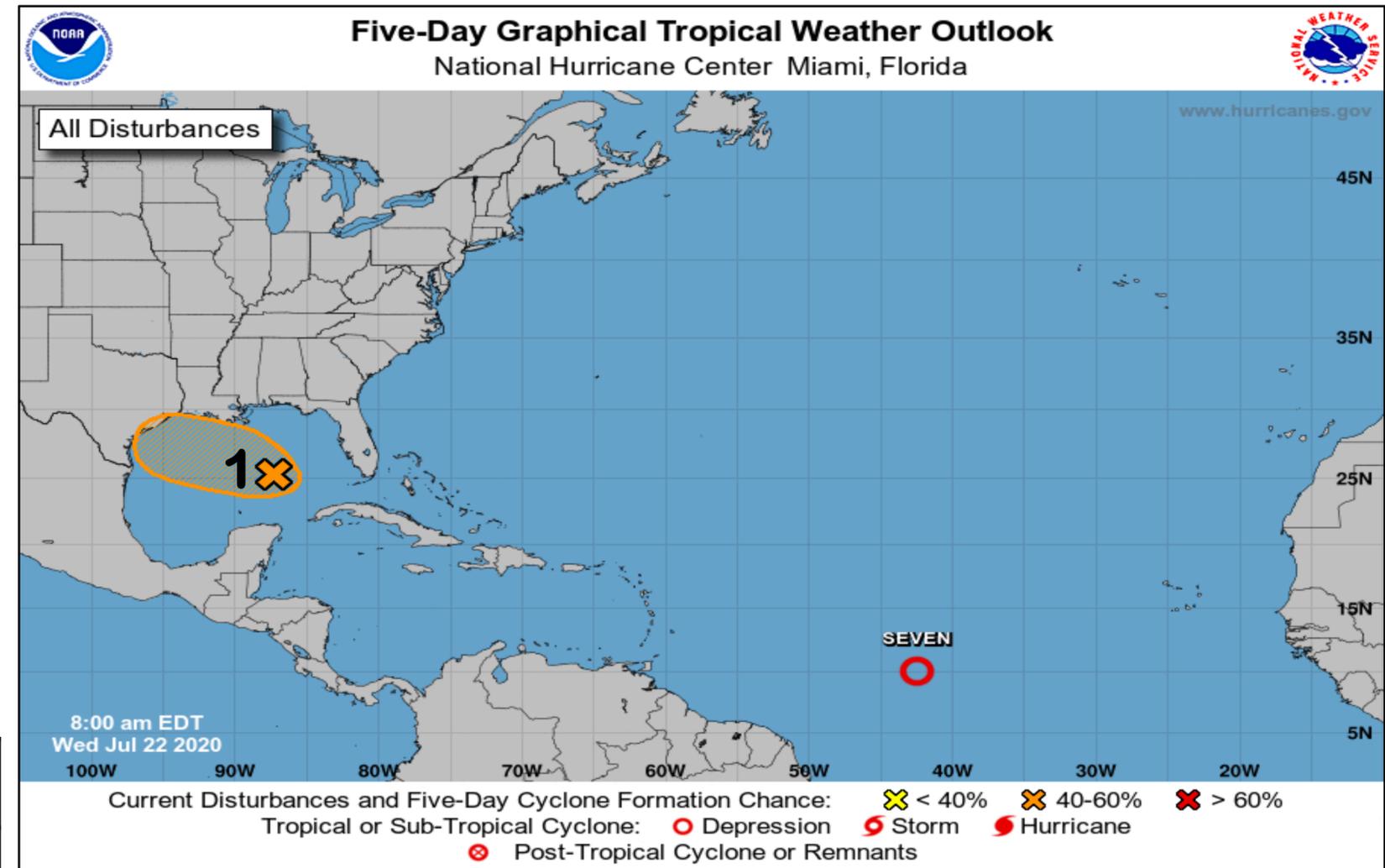


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See next slide for more information

## Areas of Possible Development

Area	Chance of Development	Potential Impacts to FEMA 6
1	Medium	Isolated heavy rain/flash flooding possible along the TX/LA coasts into Saturday.



## Active Tropical Cyclones

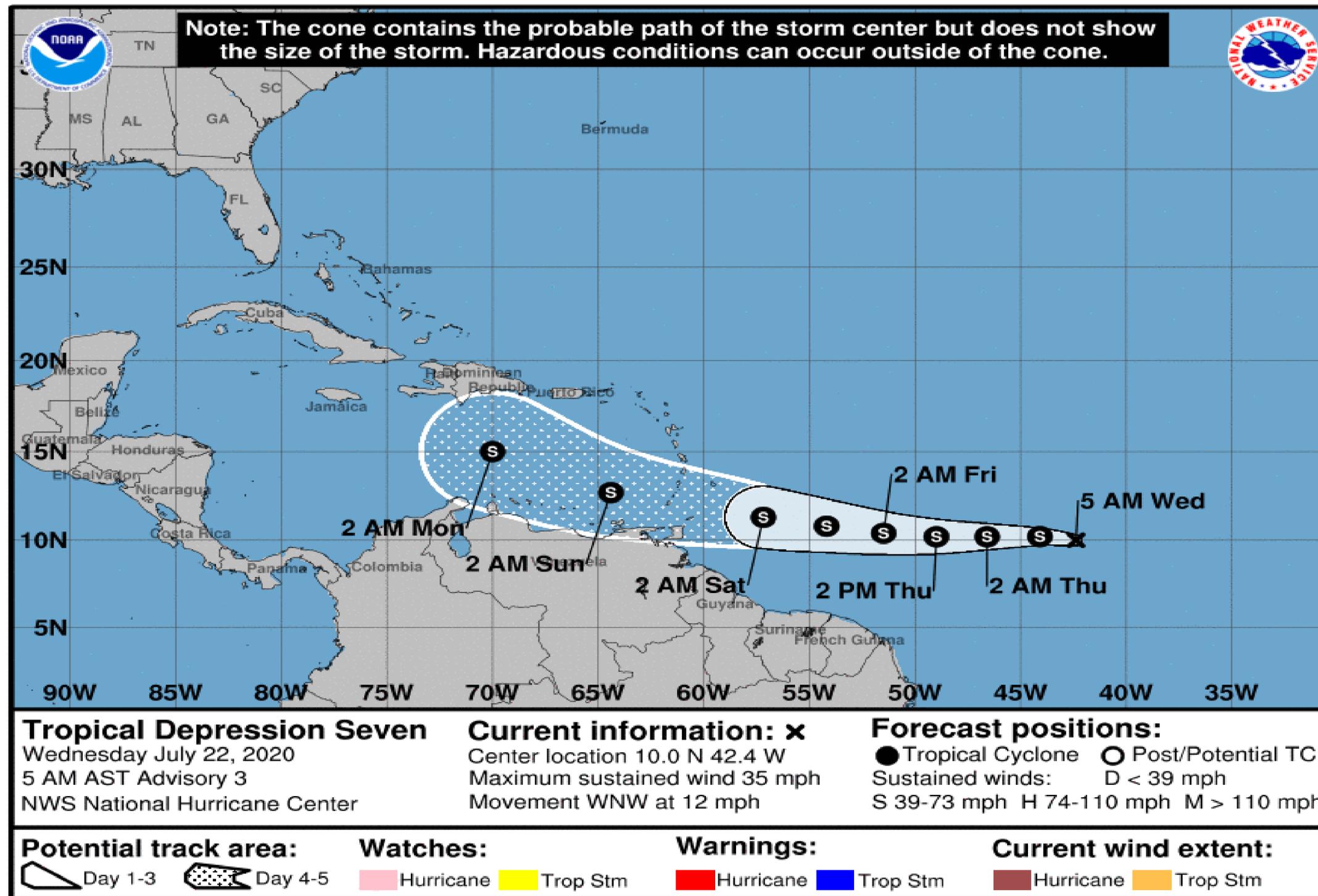
Storm	Potential Impacts to FEMA 6
TD7	None at this time.

# Tropical Weather Outlook – Atlantic/Gulf



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TD 7 is currently 1300 miles east of the Windward Islands and moving WNW at 12 mph. It should be a Tropical Storm in the Caribbean Sea on Sunday morning.

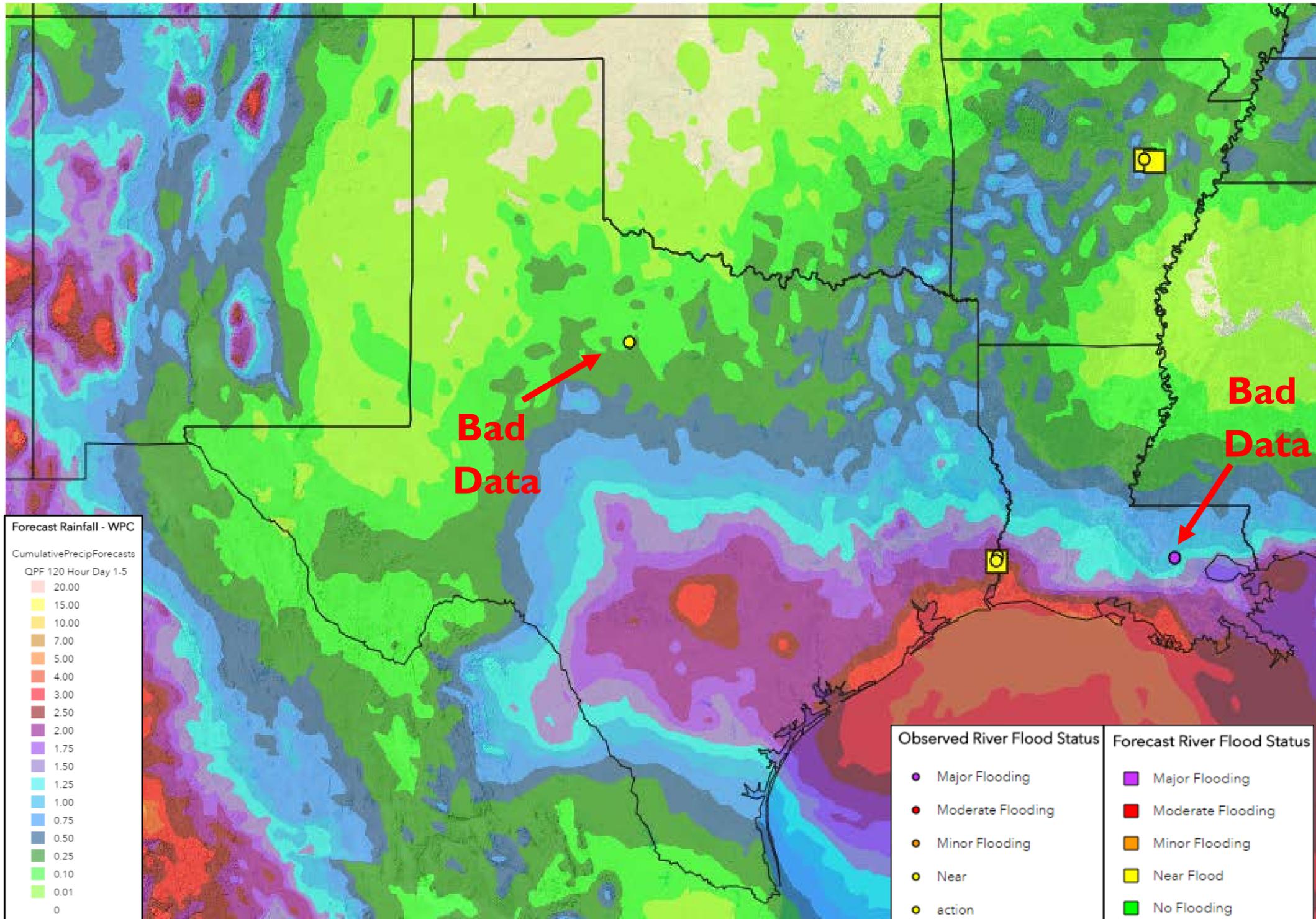


# 5-Day Precipitation Forecast & River Flood Status



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



**Isolated heavy rain across SE Texas through Friday. Significant river flooding is NOT expected.**

# Today's Weather

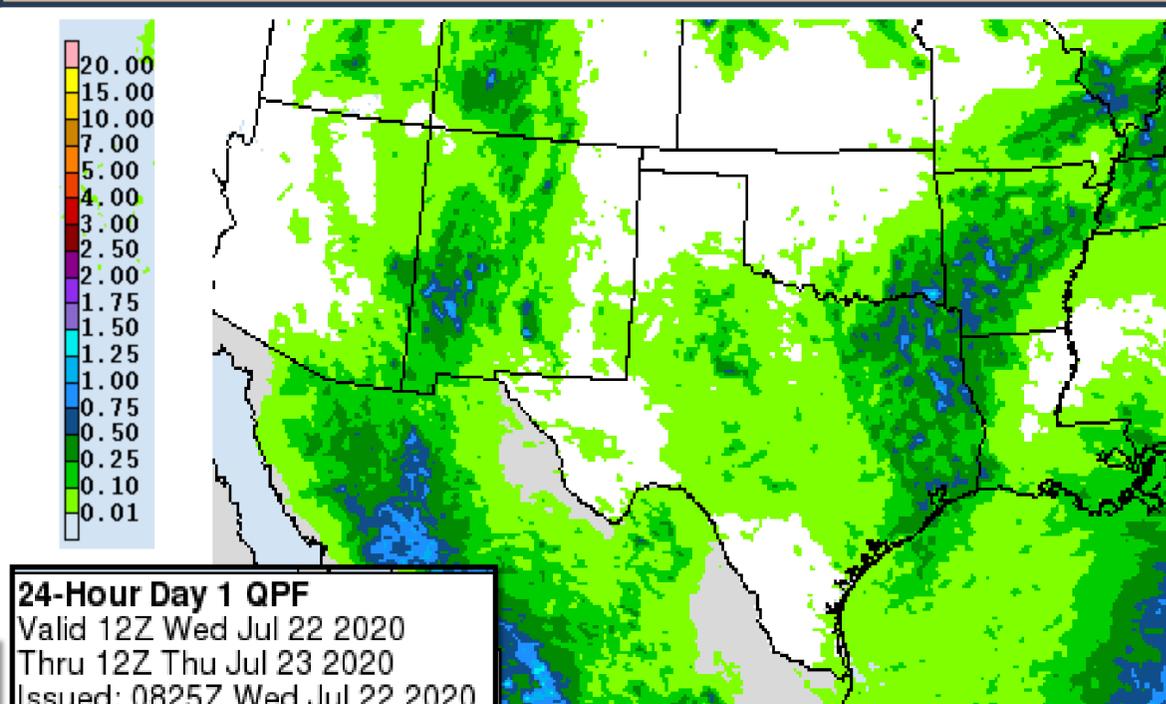
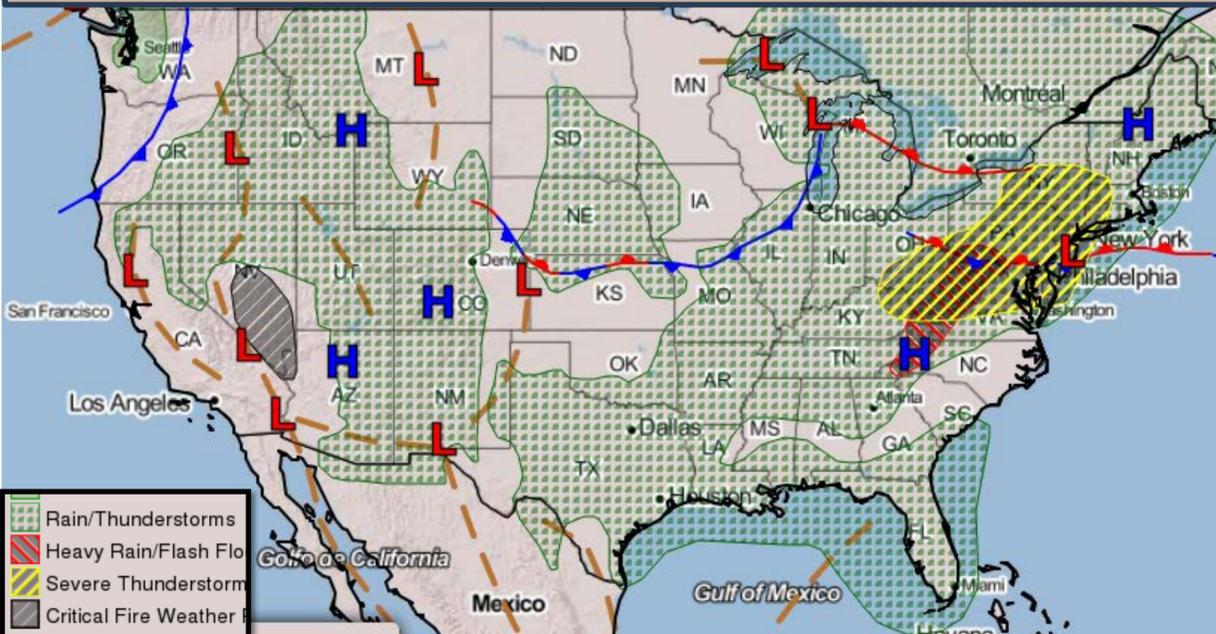


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## Forecast Chart

## Forecast Rainfall

**Isolated heavy rain/flash flooding across NM.**

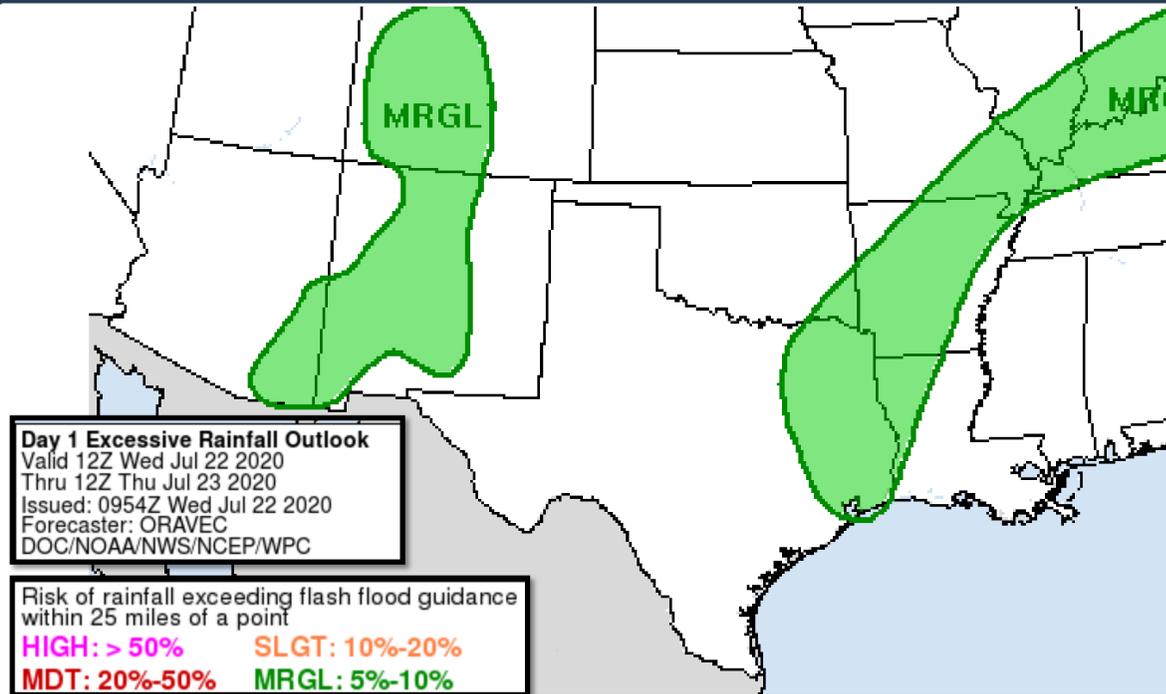


Weather Valid 8am EDT Wed Jul 22 2020 to 8am EDT Thu Jul 23 2020  
Fronts Valid 8am EDT Wed Jul 22 2020  
Issued 4:12 AM EDT Wed, Jul 22, 2020  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by Mullinax with WPC/SPC/NHC forecasts.

**24-Hour Day 1 QPF**  
Valid 12Z Wed Jul 22 2020  
Thru 12Z Thu Jul 23 2020  
Issued: 0825Z Wed Jul 22 2020

## Severe Weather Outlook

## Excessive Rainfall Outlook



**Day 1 Excessive Rainfall Outlook**  
Valid 12Z Wed Jul 22 2020  
Thru 12Z Thu Jul 23 2020  
Issued: 0954Z Wed Jul 22 2020  
Forecaster: ORAVEC  
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%**



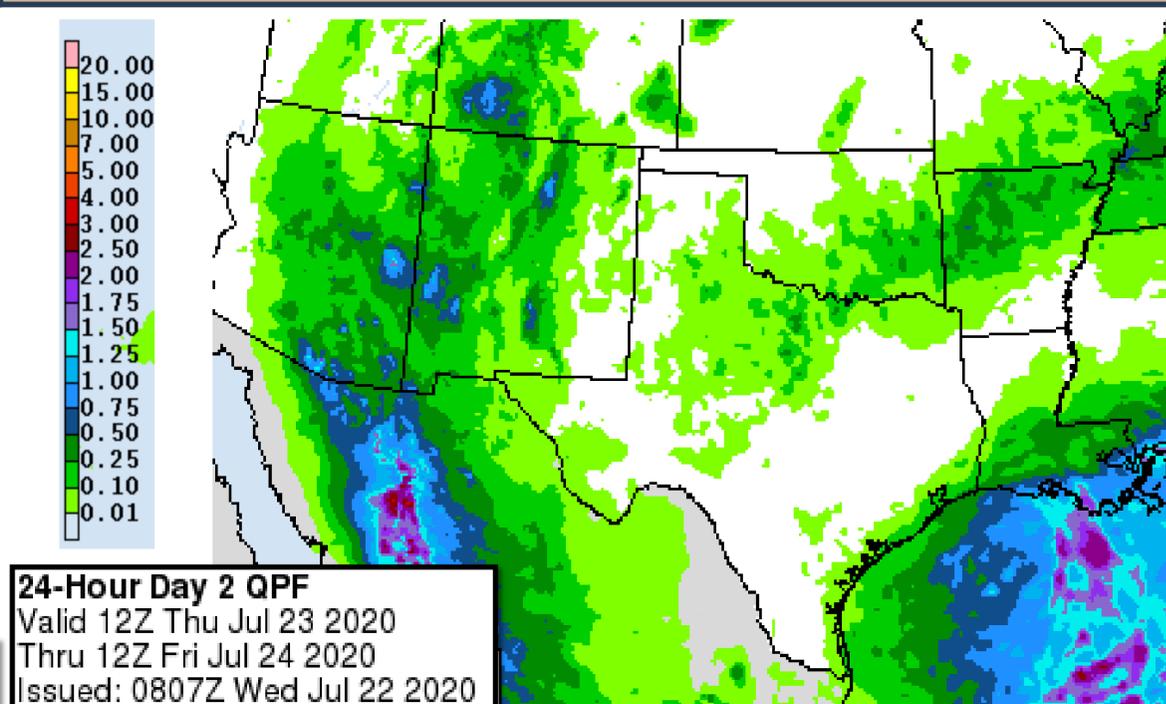
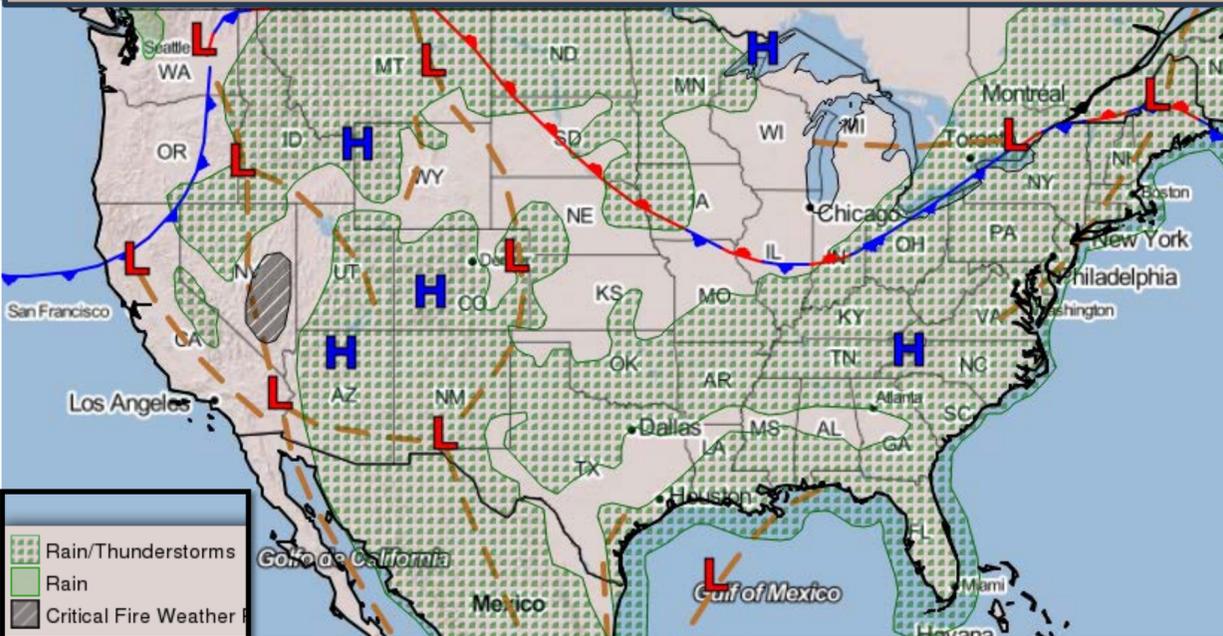
# Tomorrow's Weather



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## Forecast Chart

## Forecast Rainfall



**Isolated heavy rain/flash flooding possible across NM.**

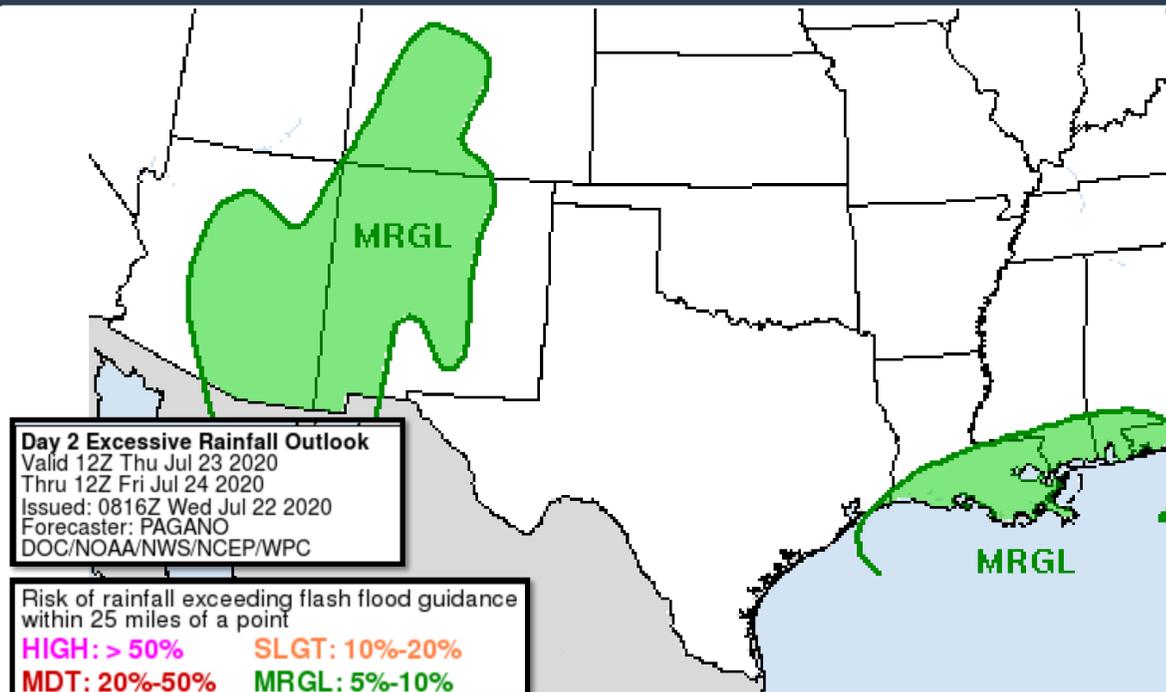
**Isolated heavy rain/flash flooding along LA Gulf Coast.**

Weather Valid 8am EDT Thu Jul 23 2020 to 8am EDT Fri Jul 24 2020  
Fronts Valid 8am EDT Thu Jul 23 2020  
Issued 4:16 AM EDT Wed, Jul 22, 2020  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by Gallina with WPC/SPC/NHC forecasts.

**24-Hour Day 2 QPF**  
Valid 12Z Thu Jul 23 2020  
Thru 12Z Fri Jul 24 2020  
Issued: 0807Z Wed Jul 22 2020

## Severe Weather Outlook

## Excessive Rainfall Outlook



**Day 2 Excessive Rainfall Outlook**  
Valid 12Z Thu Jul 23 2020  
Thru 12Z Fri Jul 24 2020  
Issued: 0816Z Wed Jul 22 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%**



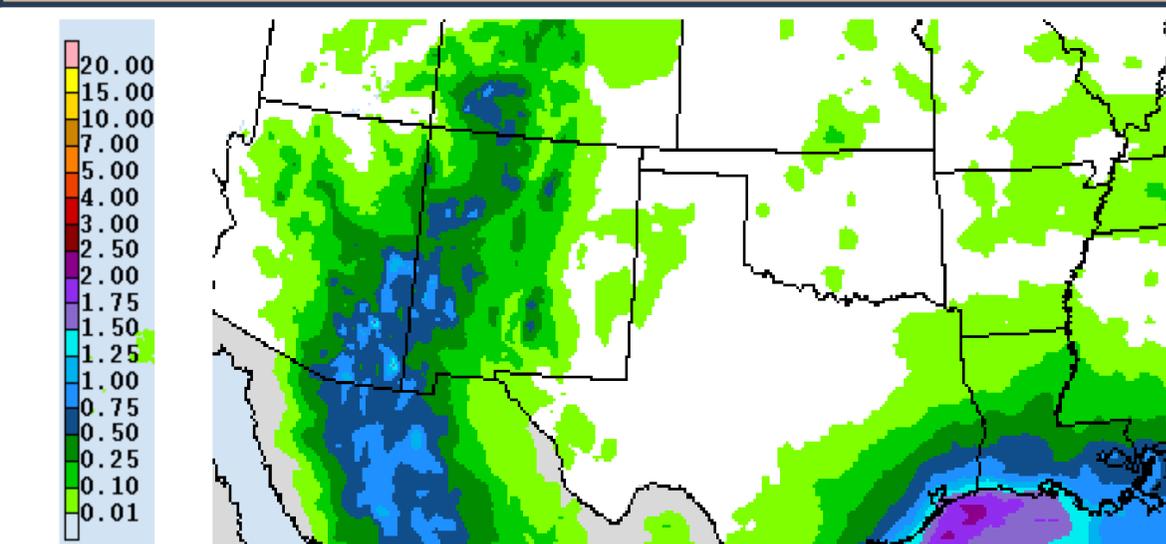
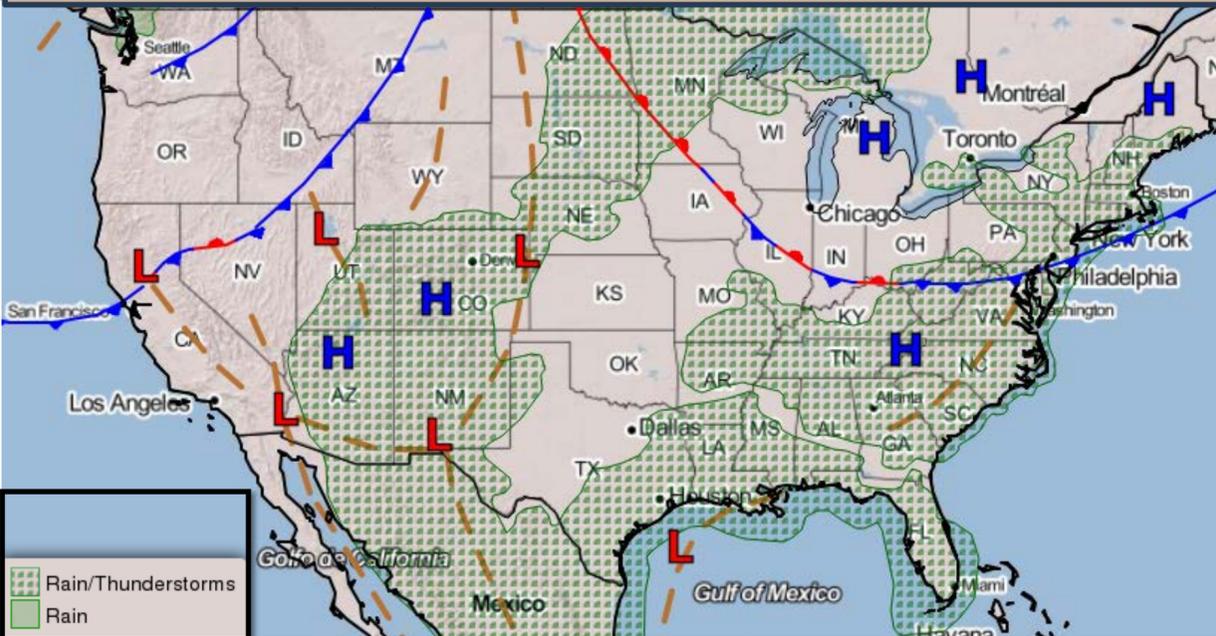
# Friday's Weather



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## Forecast Chart

## Forecast Rainfall



**Isolated heavy rain/flash flooding possible across W NM.**

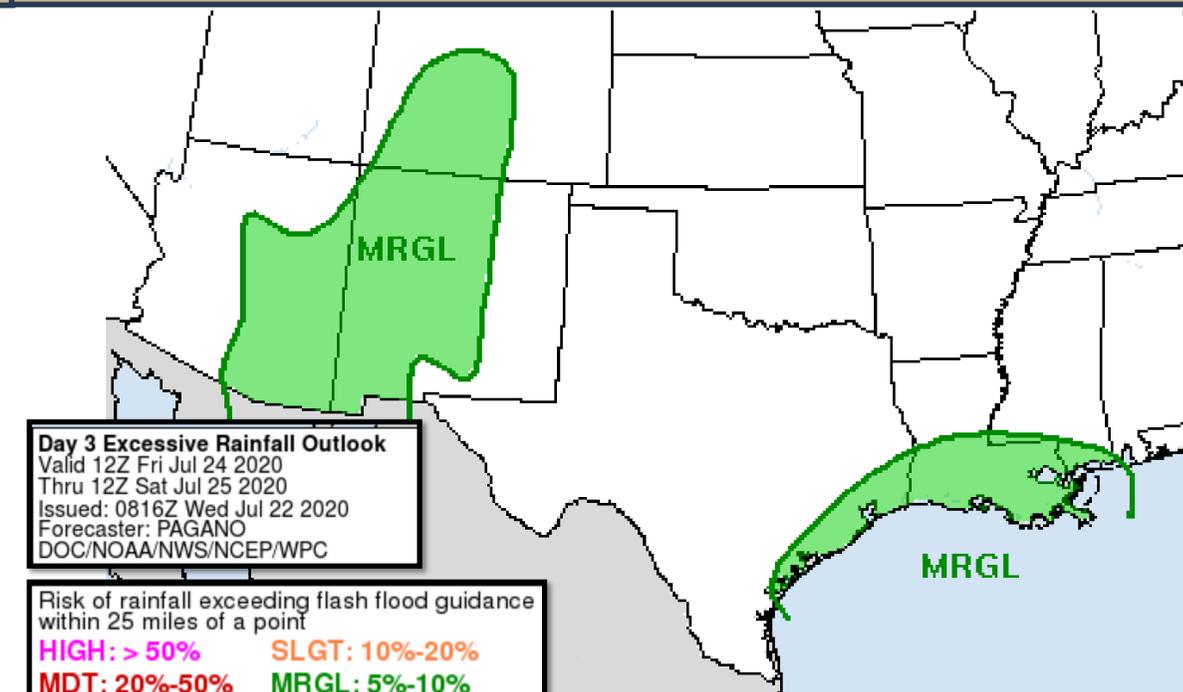
**Locally heavy rain/flash flooding along the TX/LA Gulf Coast.**

Weather Valid 8am EDT Fri Jul 24 2020 to 8am EDT Sat Jul 25 2020  
Fronts Valid 8am EDT Fri Jul 24 2020  
Issued 4:18 AM EDT Wed, Jul 22, 2020  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by Gallina with WPC/SPC/NHC forecasts.

**24-Hour Day 3 QPF**  
Valid 12Z Fri Jul 24 2020  
Thru 12Z Sat Jul 25 2020  
Issued: 0807Z Wed Jul 22 2020

## Severe Weather Outlook

## Excessive Rainfall Outlook



**Day 3 Excessive Rainfall Outlook**  
Valid 12Z Fri Jul 24 2020  
Thru 12Z Sat Jul 25 2020  
Issued: 0816Z Wed Jul 22 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

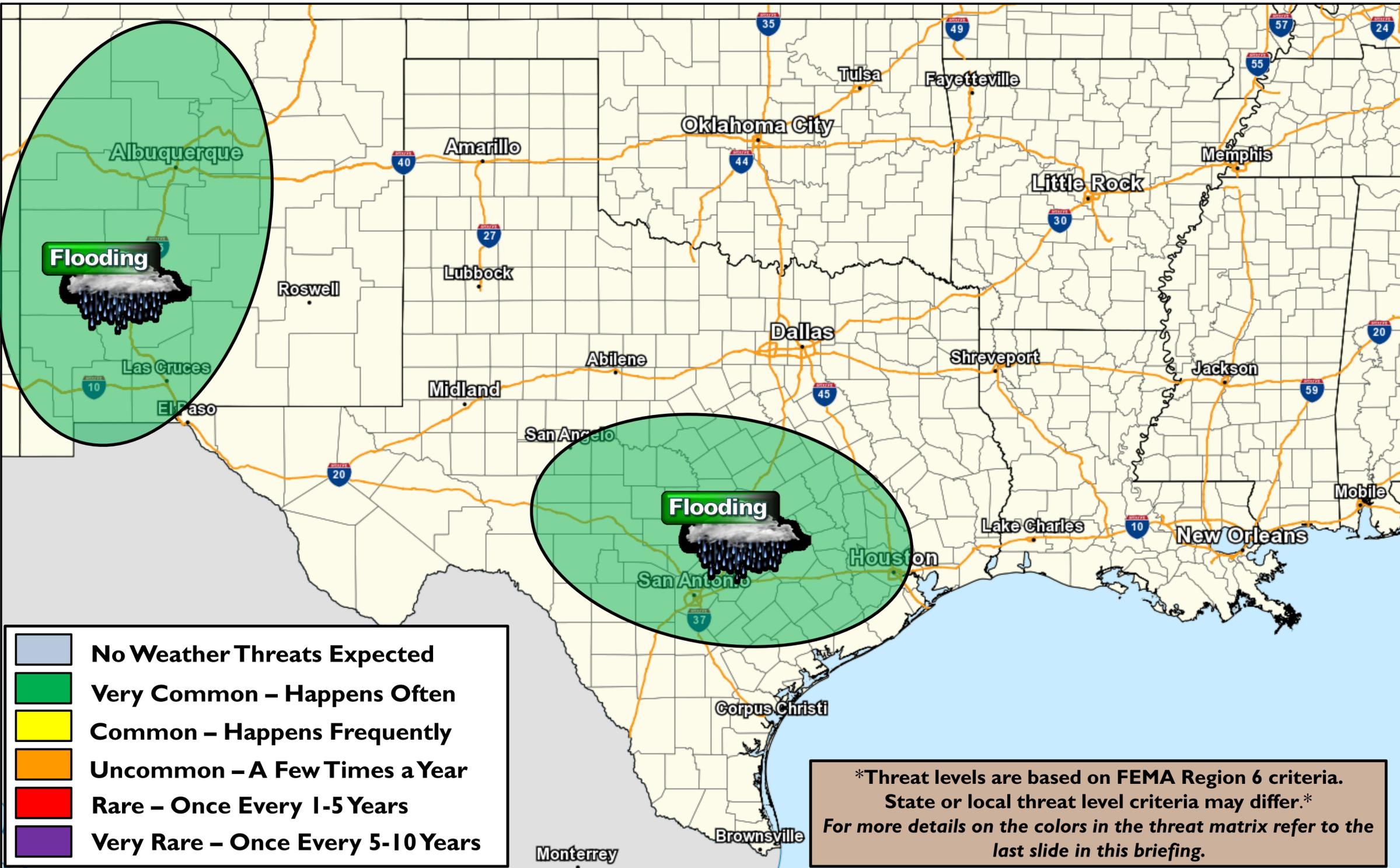
Saturday - Sunday



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Isolated heavy rain/flash flooding possible over NM.

Isolated heavy rain/flash flooding across TX on Saturday.

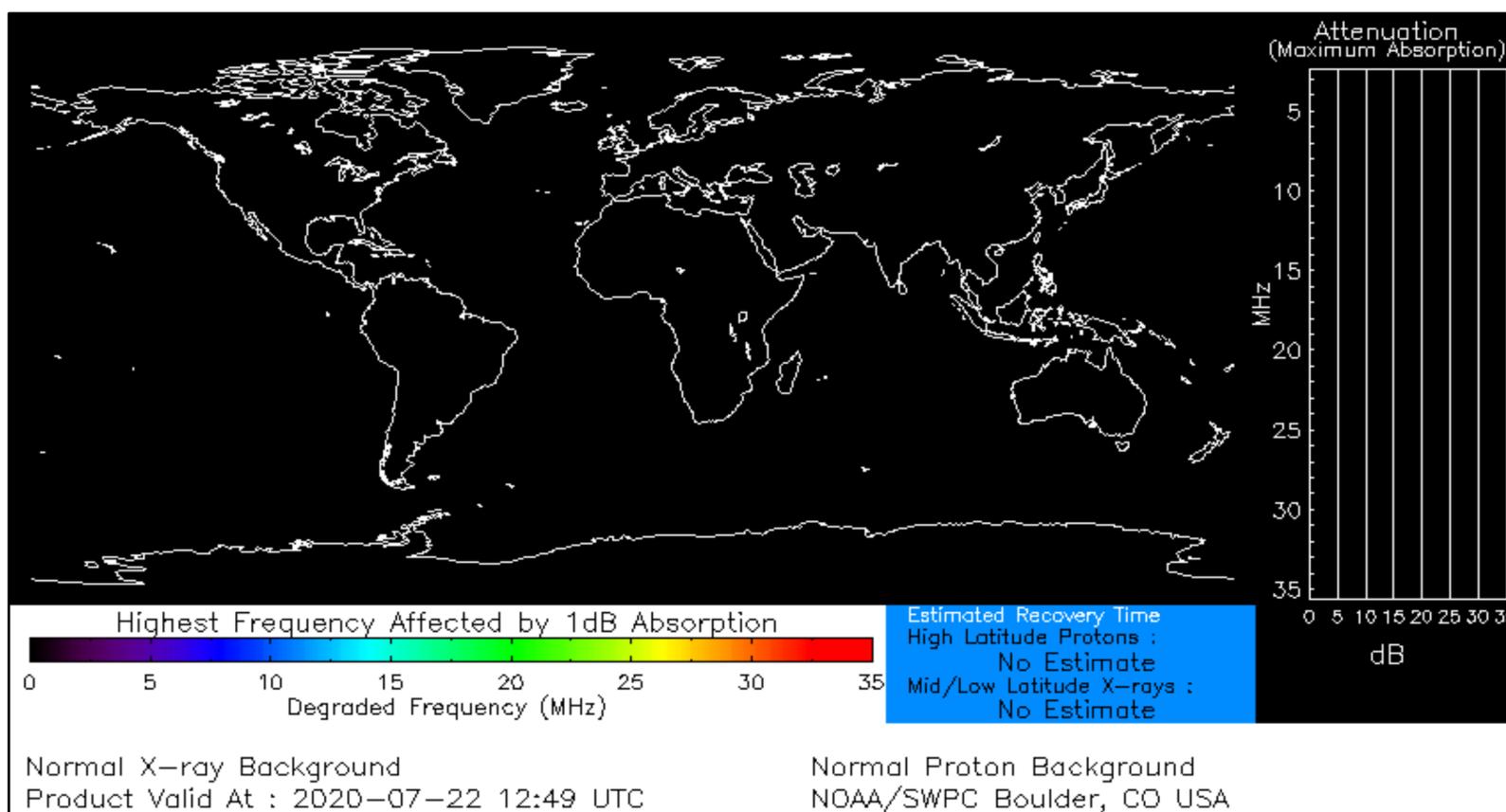


# Space Weather 3-Day Forecast



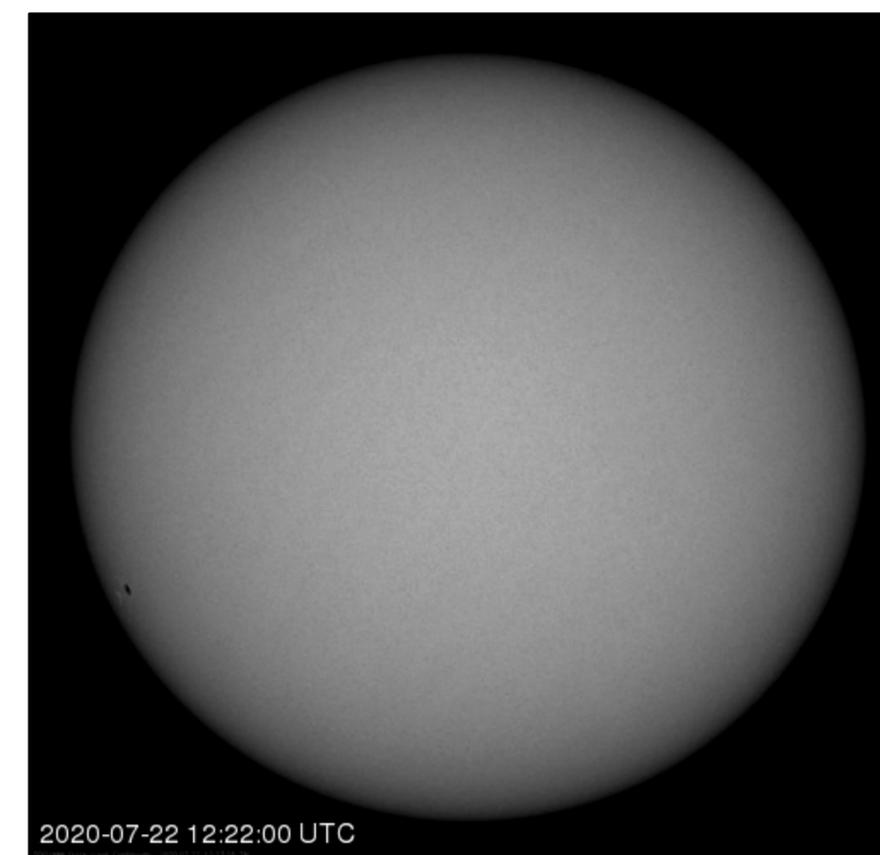
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	Wednesday	Thursday	Friday
<b>Geomagnetic Storms</b>	Quiet (Max Kp = 2)	Quiet to Unsettled (Max Kp = 3)	Quiet to Unsettled (Max Kp = 3)
<b>Solar Radiation Storm (S1-S5)</b>	1%	1%	1%
<b>Radio Blackout (R1-R2)</b>	1%	1%	1%
<b>Radio Blackout (R3-R5)</b>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