



FEMA



Prepared by
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FEMA Region 6 Weather Threat Briefing

Wednesday July 29, 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.



- **Threat of heavy rainfall/flash flooding continues across OK and AR today through Friday. Lingering flood threat across S TX.**
- **Marginal risk of severe storms through Friday across various parts of FEMA 6.**
- **Disturbance near the Leeward Islands will likely develop into a tropical storm later today and will approach FL by the weekend.**

FEMA Region 6 Threat Matrix



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Jul 29, 2020 - Aug 2, 2020

DAY / THREAT	Wed	Thu	Fri	Sat	Sun
Severe Storms	TX/OK Panhandles NW & N OK	OK/NW TX NW AR	E NM/TX/SE OK/ AR/NW LA		
Heavy Rain / Flash Flooding	OK, AR	NE AR	N AR		
Fire Weather					
Tropical Winds / Surge					
Heat					
River Flooding	NE OK, N AR	N AR	AR	AR	AR

	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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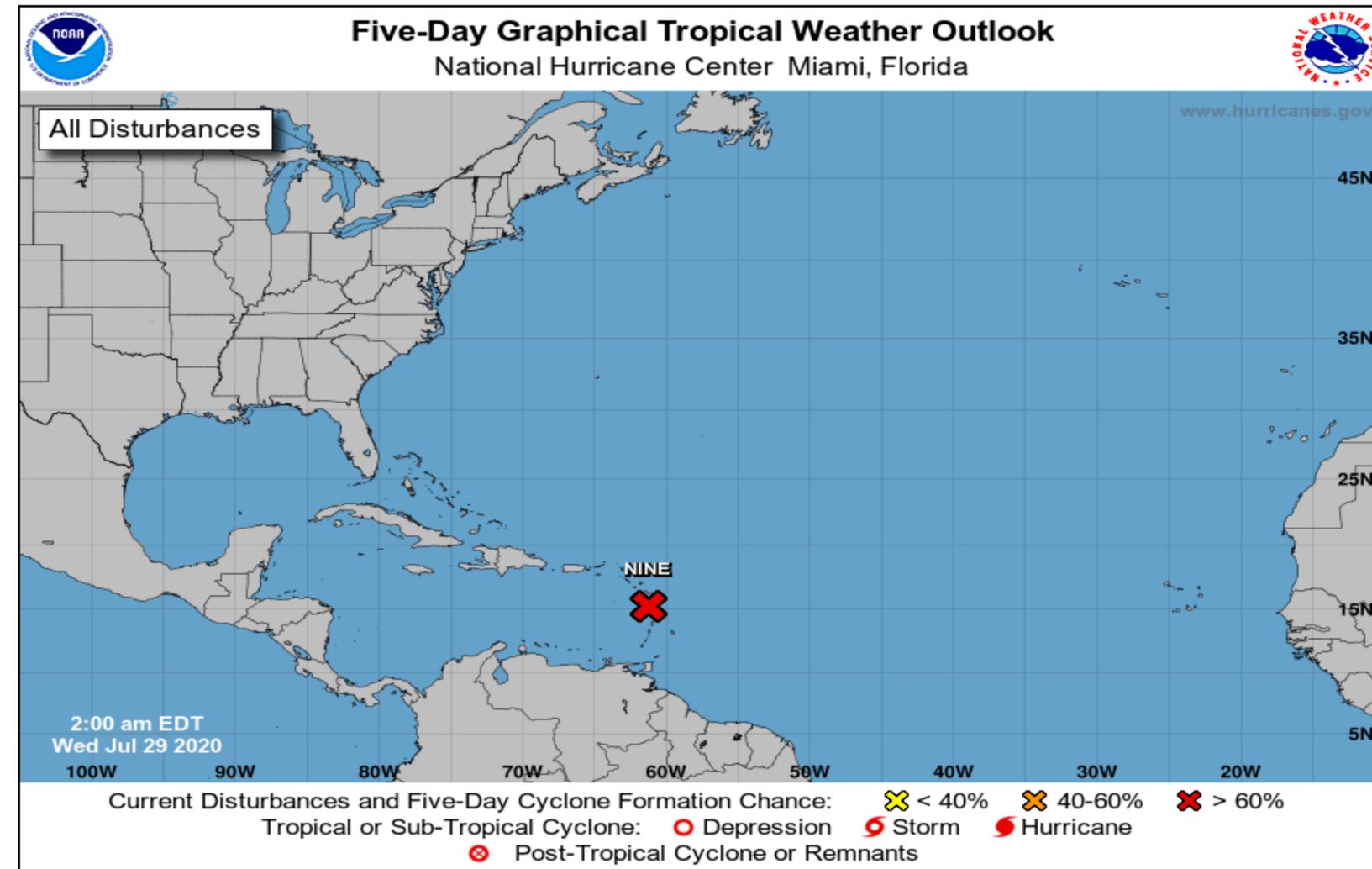
See next slide for more information

Areas of Possible Development

Area	Chance of Development	Potential Impacts to FEMA 6
-		

Active Tropical Cyclones

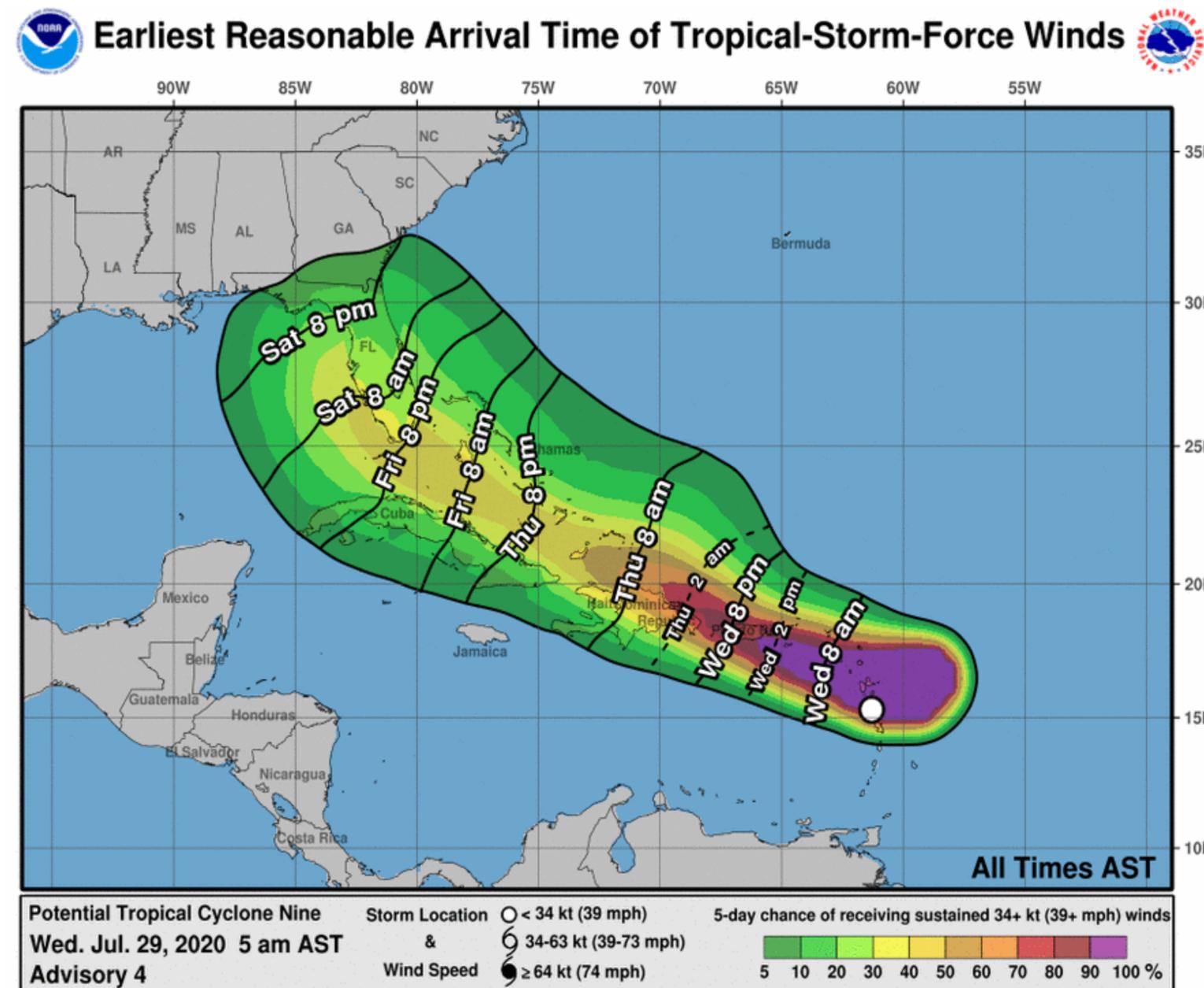
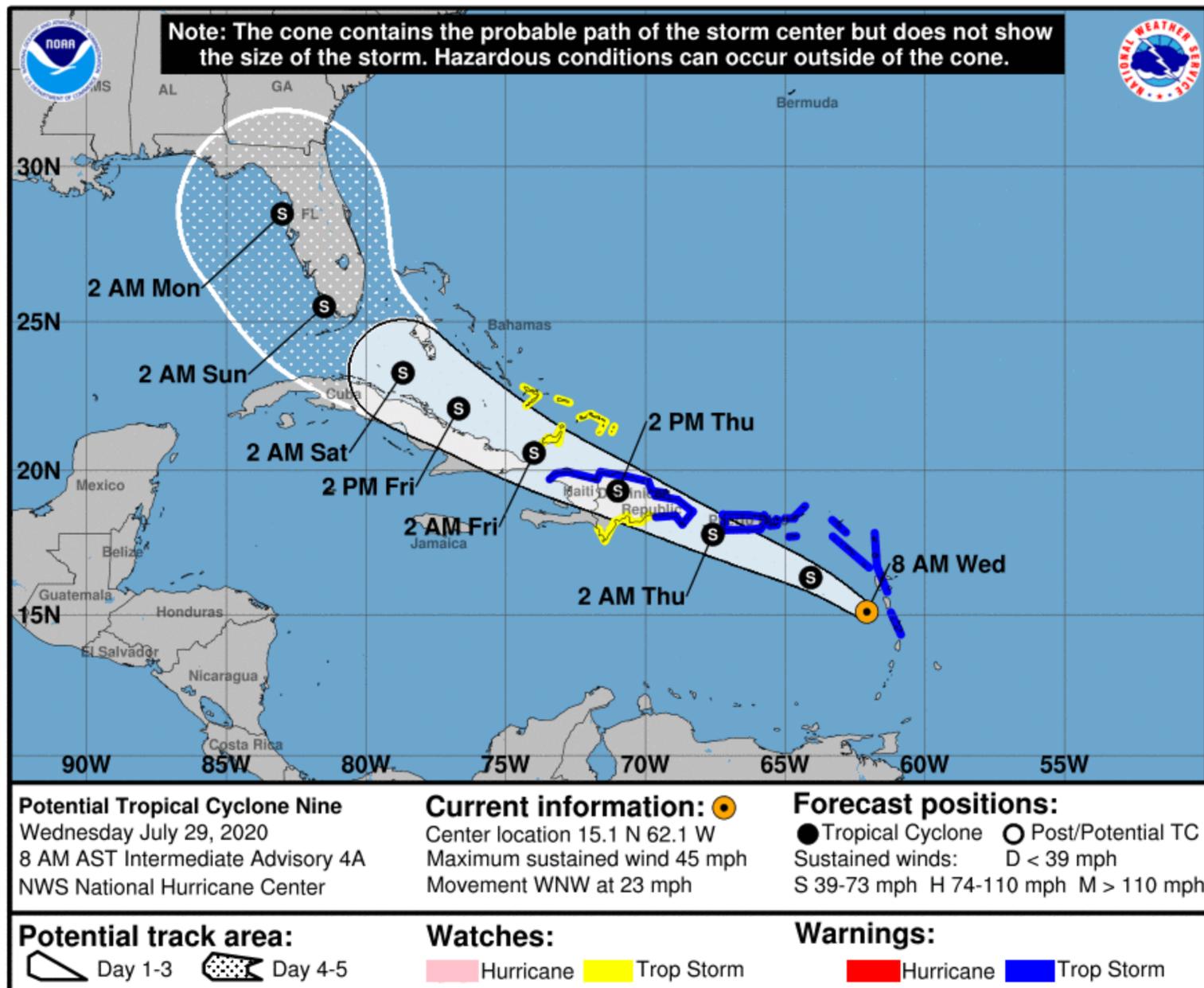
Storm	Potential Impacts to FEMA 6
PTC 9	Tropical Storm is likely to form and move toward FL by Saturday. System is something to monitor, but a low concern at this point.



Potential Tropical Cyclone 9



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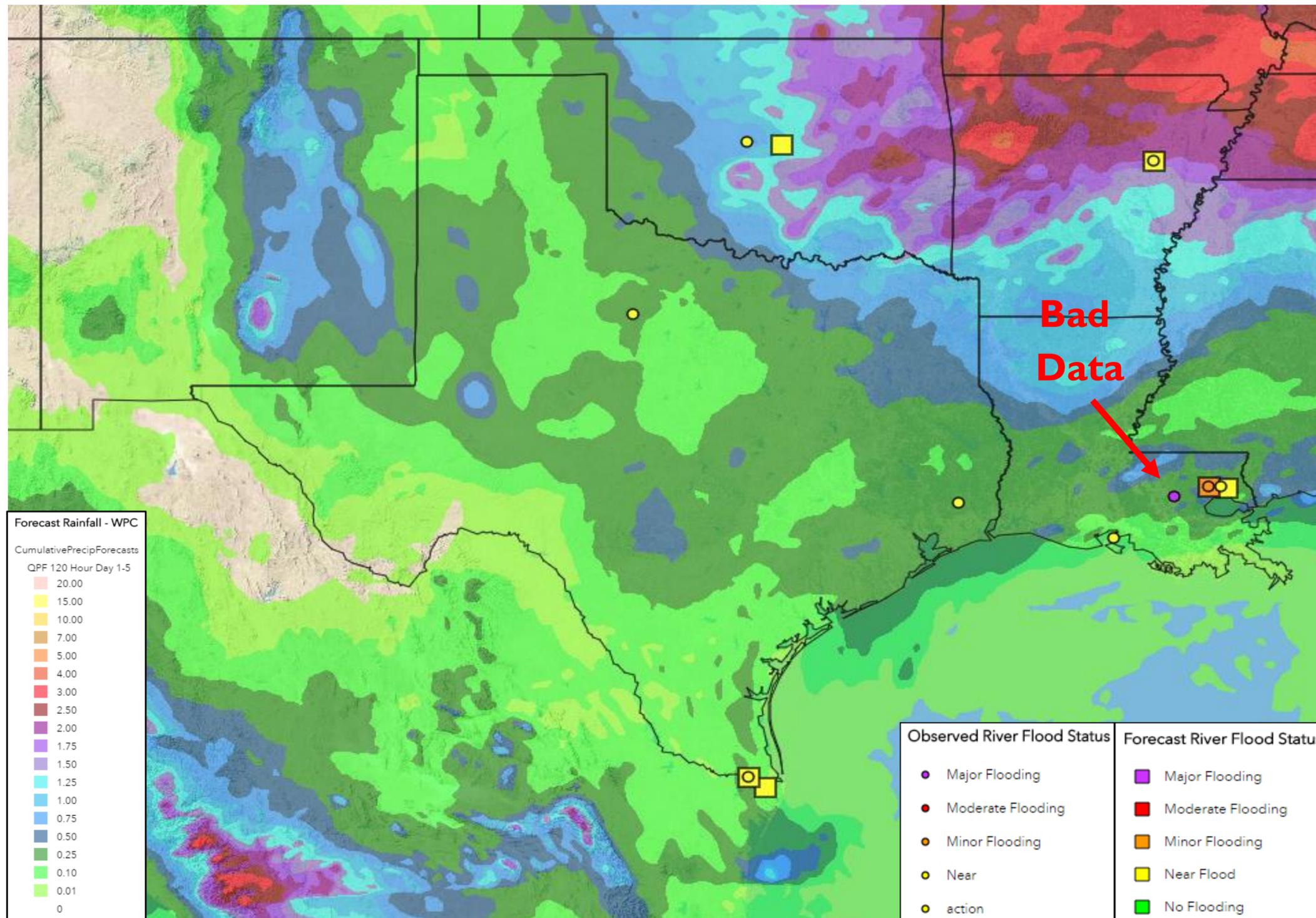


5-Day Precipitation Forecast & River Flood Status



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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 along the Rio Grande are expected to remain below flood stage at this time. West Gulf RFC continues to coordinate with the IBWC and international partners.

The Tangipahoa River at Robert in SE LA is in minor flood stage from recent rainfall, with minimal impacts expected.

Some isolated minor river flooding is possible for points in NE OK and N AR over the next few days.

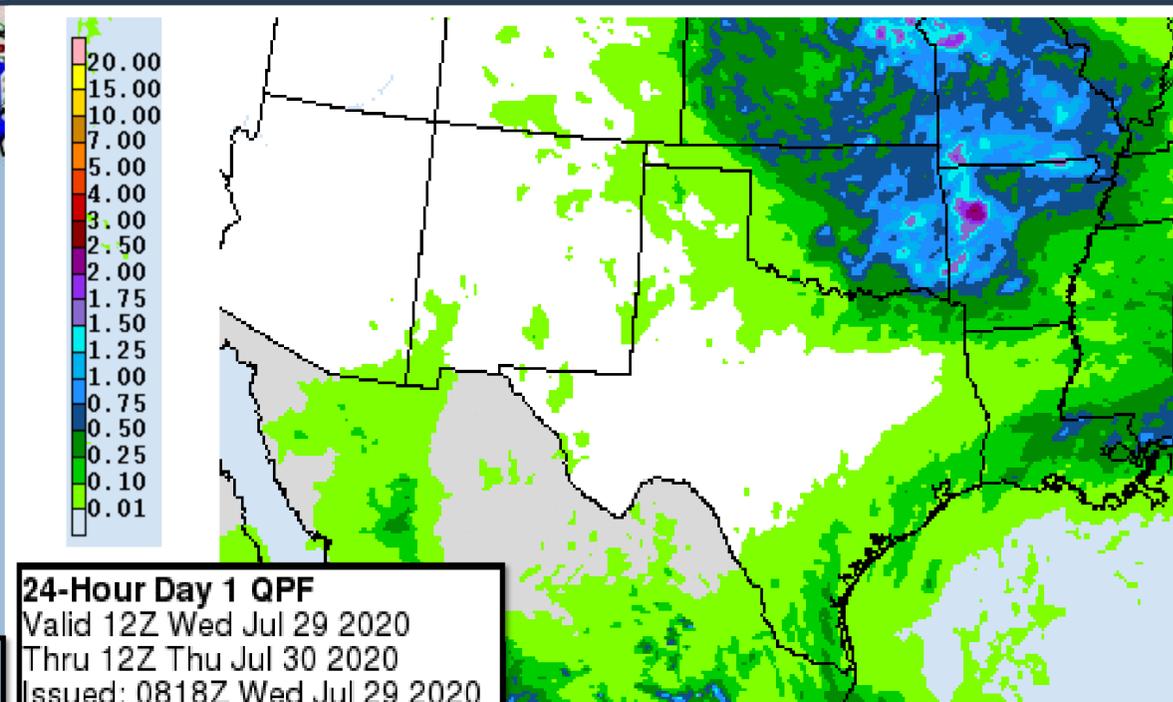
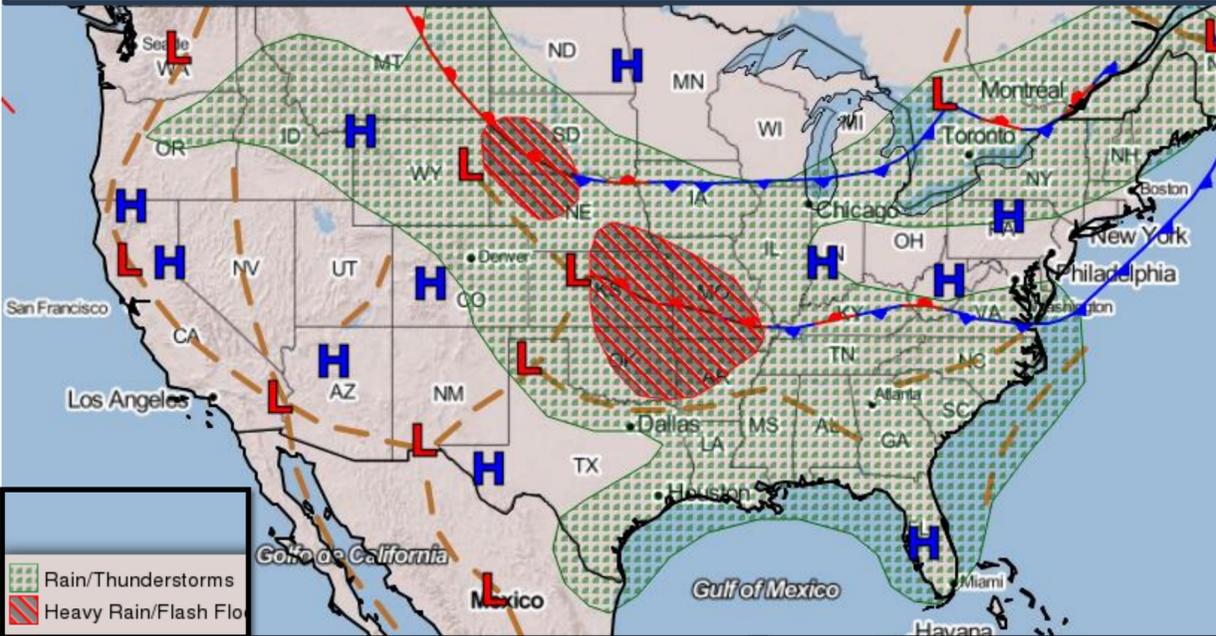
Today's Weather



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Forecast Chart

Forecast Rainfall



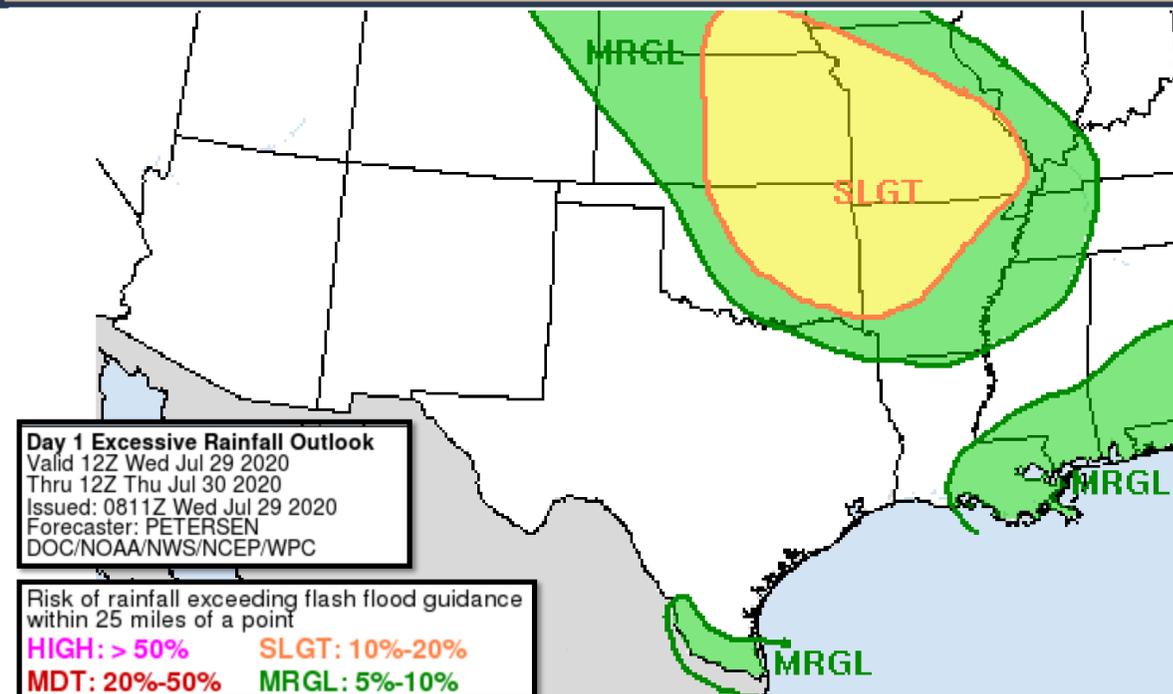
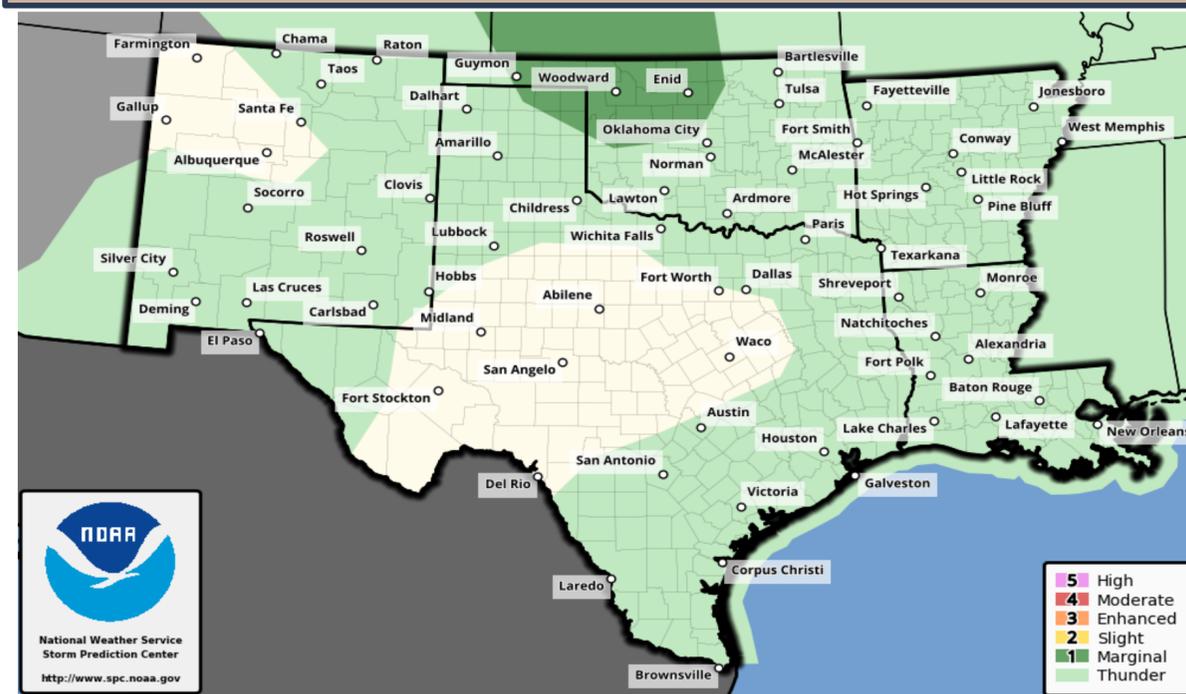
Heavy rainfall/flash flooding potential continues across OK and AR.

Marginal risk of severe storms across the TX/OK Panhandles and N/NW OK.

Weather Valid 8am EDT Wed Jul 29 2020 to 8am EDT Thu Jul 30 2020
 Fronts Valid 8am EDT Wed Jul 29 2020
 Issued 3:20 AM EDT Wed, Jul 29, 2020
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by Santorelli with WPC/SPC/NHC forecasts.

Severe Weather Outlook

Excessive Rainfall Outlook



Watches, Warnings, and Advisories

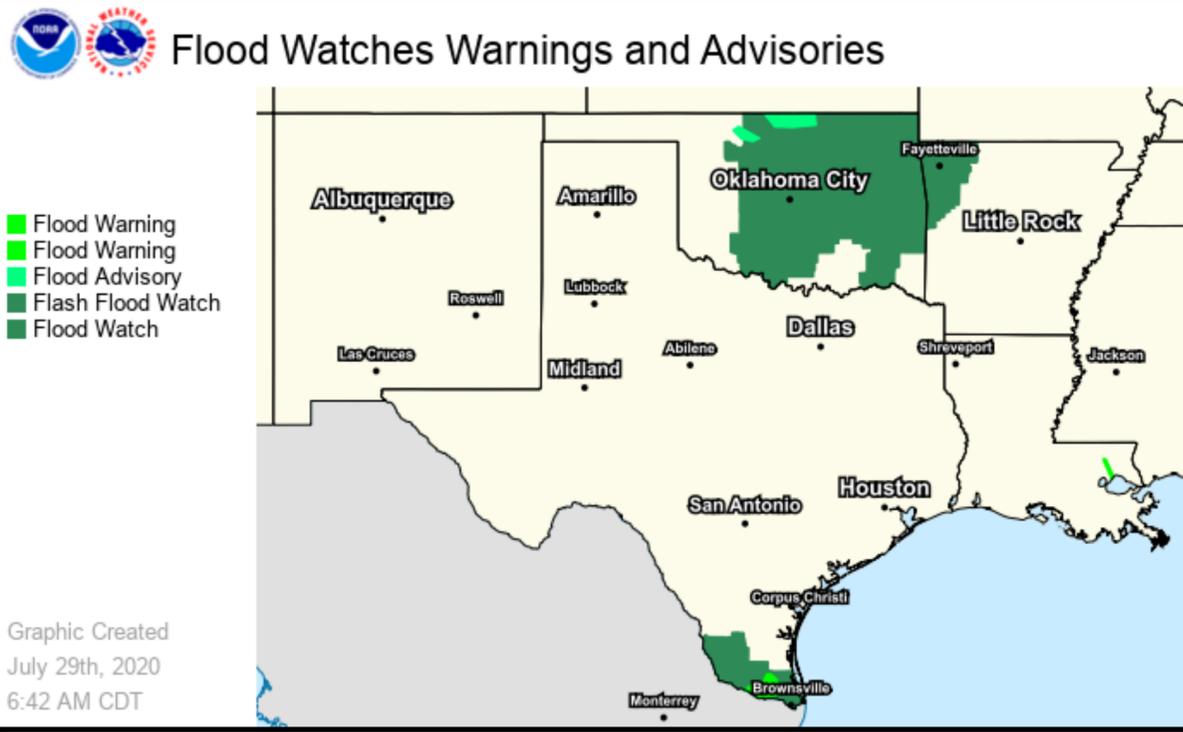


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Wind, Severe, Winter, and Flood Hazards



Flash Flood and Flood Watches are in effect today for portions of OK/AR and STX.



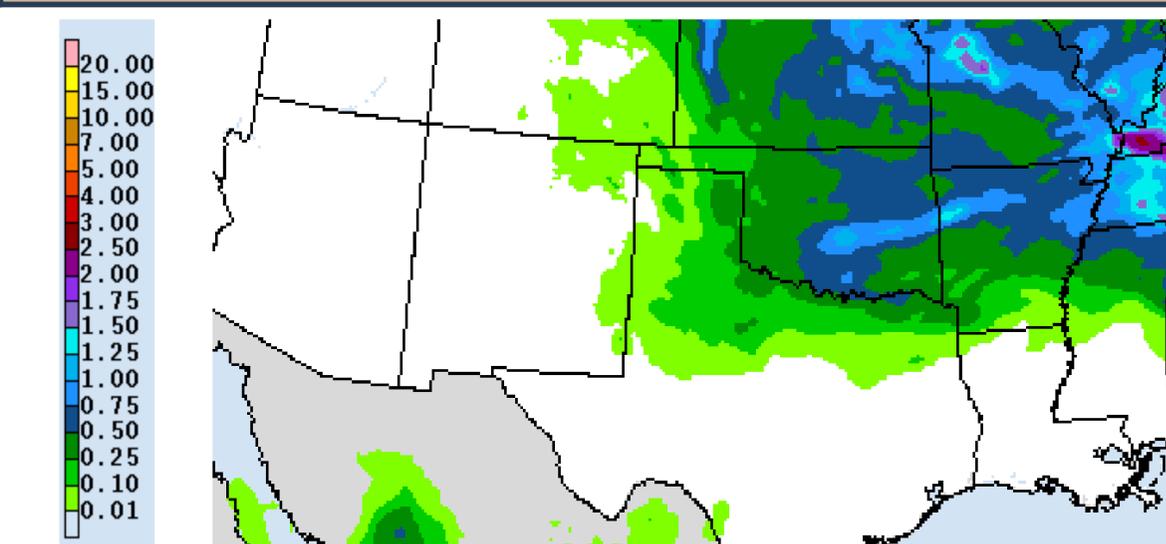
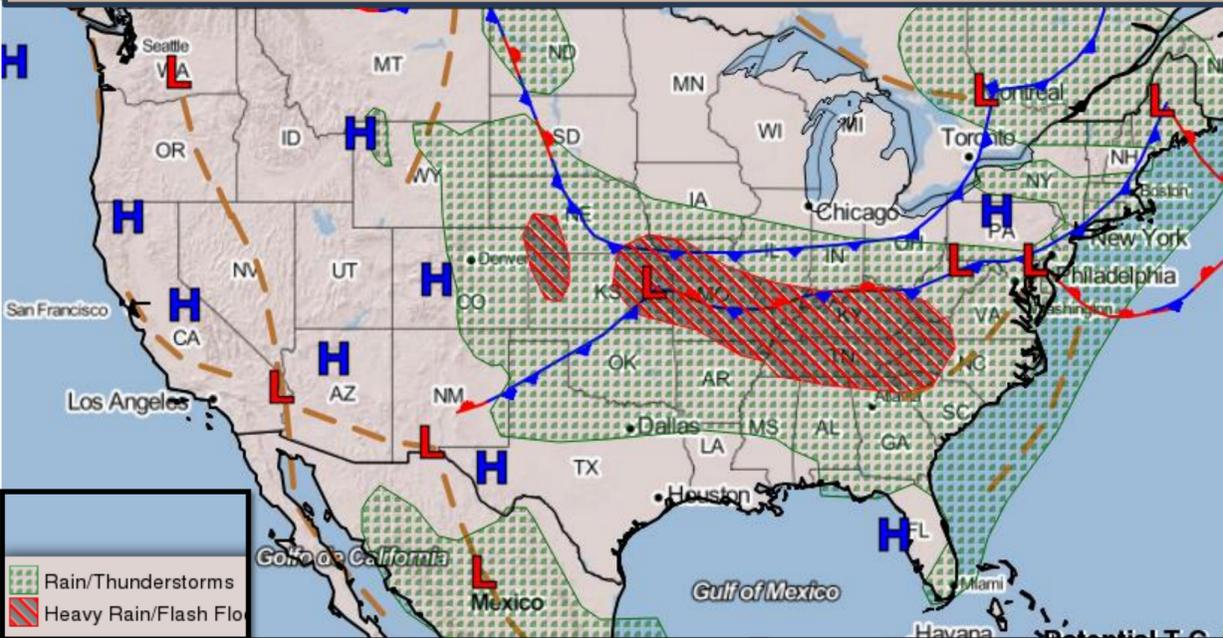
Tomorrow's Weather



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Forecast Chart

Forecast Rainfall



Heavy rainfall/flash flood potential continues over NE AR.

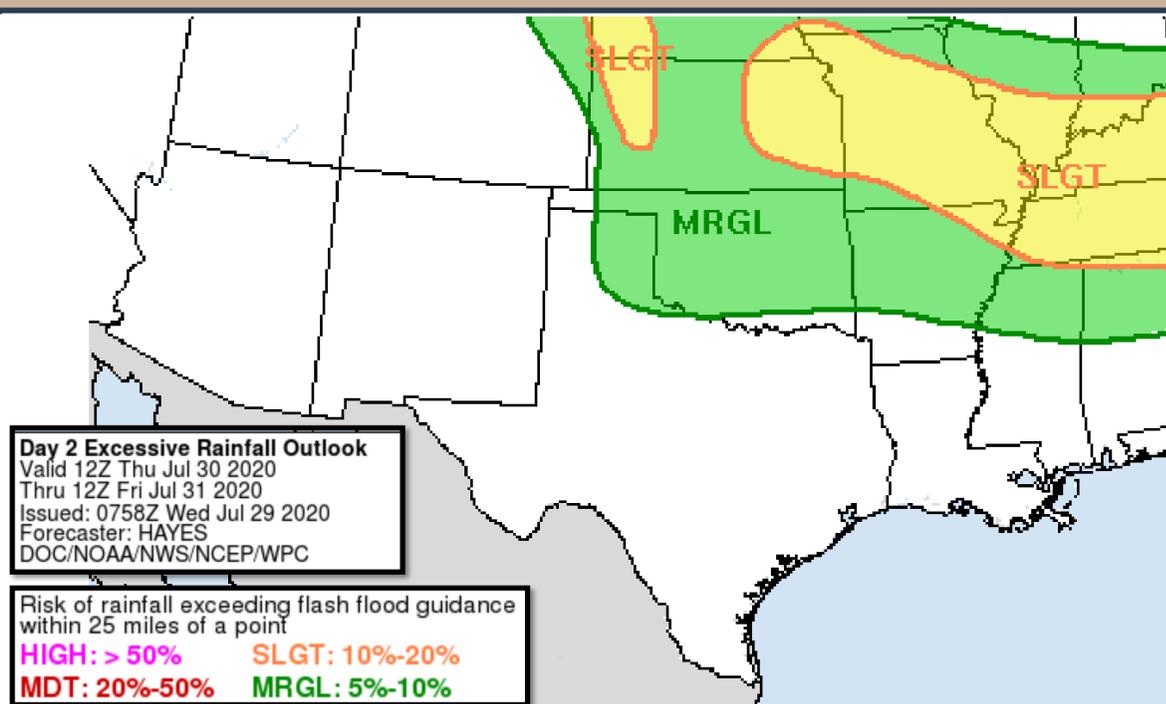
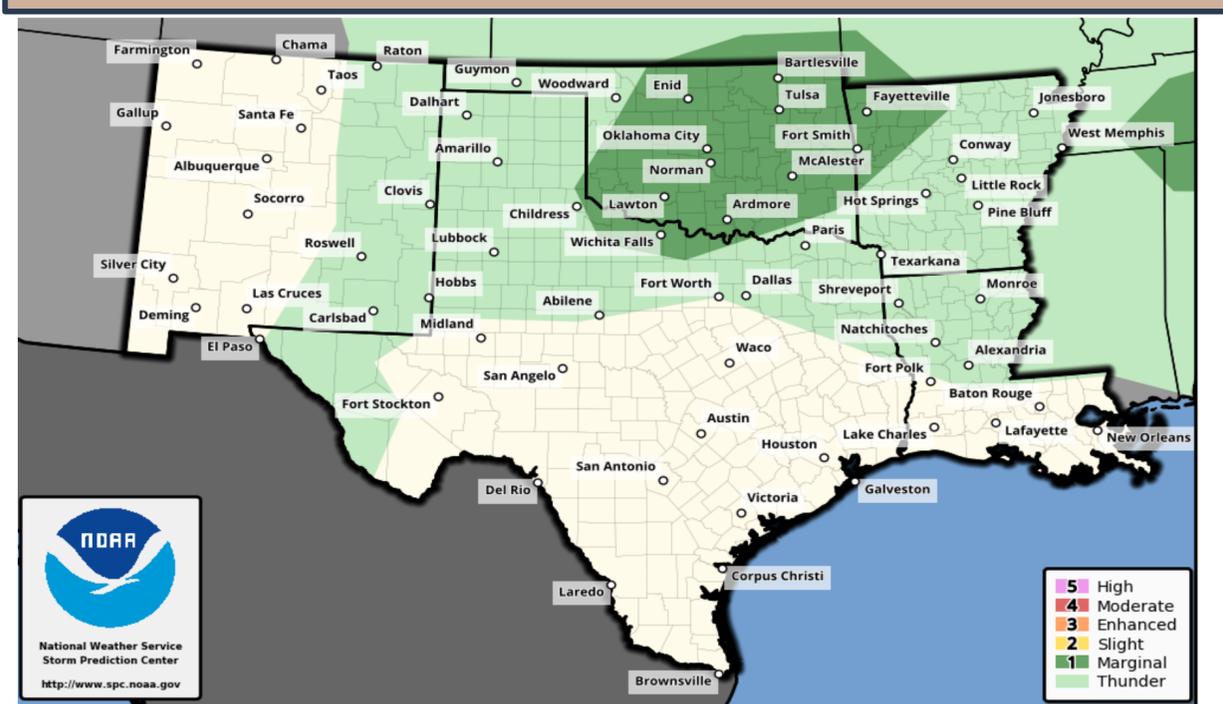
Marginal risk of severe storms from NW TX into OK and NW AR.

Weather Valid 8am EDT Thu Jul 30 2020 to 8am EDT Fri Jul 31 2020
Fronts Valid 8am EDT Thu Jul 30 2020
Issued 4:08 AM EDT Wed, Jul 29, 2020
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Petersen with WPC/SPC/NHC forecasts.

24-Hour Day 2 QPF
Valid 12Z Thu Jul 30 2020
Thru 12Z Fri Jul 31 2020
Issued: 0844Z Wed Jul 29 2020

Severe Weather Outlook

Excessive Rainfall Outlook



Day 2 Excessive Rainfall Outlook
Valid 12Z Thu Jul 30 2020
Thru 12Z Fri Jul 31 2020
Issued: 0758Z Wed Jul 29 2020
Forecaster: HAYES
DOC/NOAA/NWS/NCEP/WPC

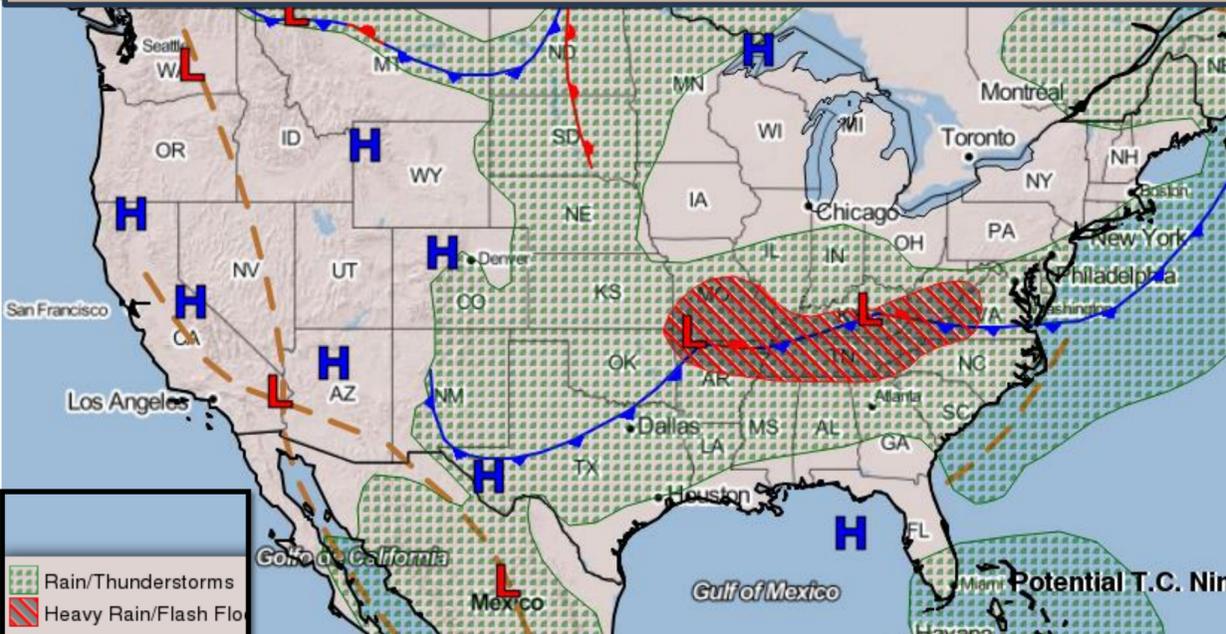
Risk of rainfall exceeding flash flood guidance within 25 miles of a point
HIGH: > 50% **SLGT: 10%-20%**
MDT: 20%-50% **MRGL: 5%-10%**

Friday's Weather



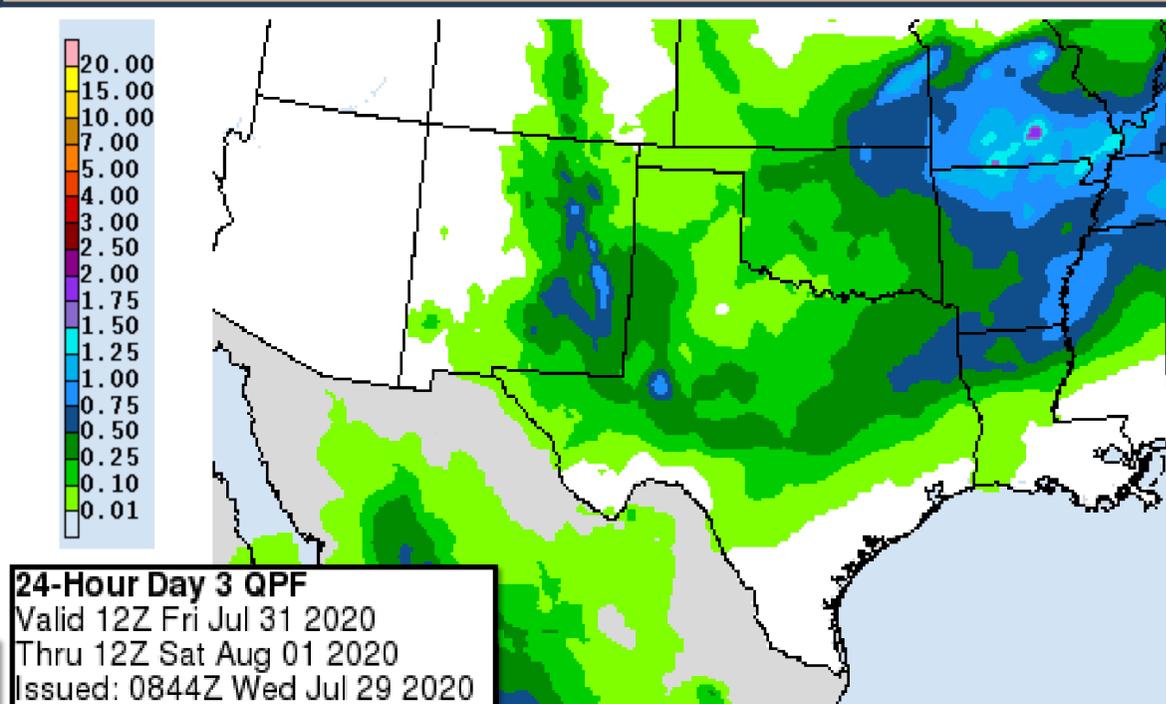
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Forecast Chart



Weather Valid 8am EDT Fri Jul 31 2020 to 8am EDT Sat Aug 01 2020
Fronts Valid 8am EDT Fri Jul 31 2020
Issued 4:33 AM EDT Wed, Jul 29, 2020
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Pereira with WPC/SPC/NHC forecasts.

Forecast Rainfall

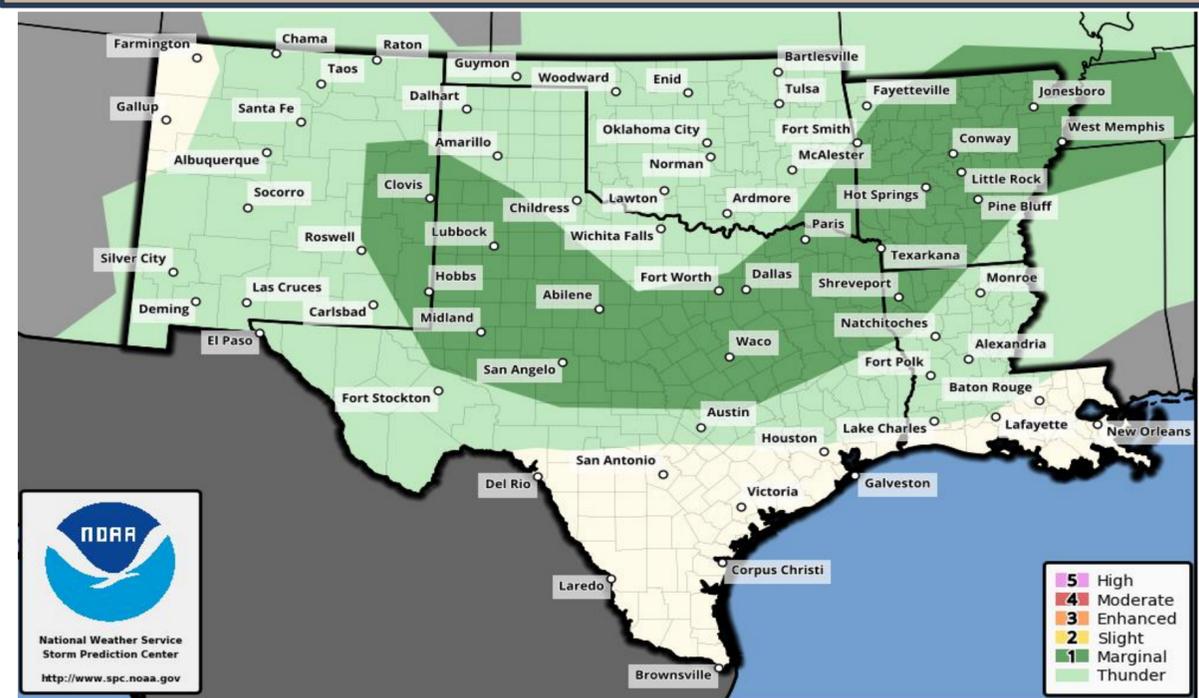


24-Hour Day 3 QPF
Valid 12Z Fri Jul 31 2020
Thru 12Z Sat Aug 01 2020
Issued: 0844Z Wed Jul 29 2020

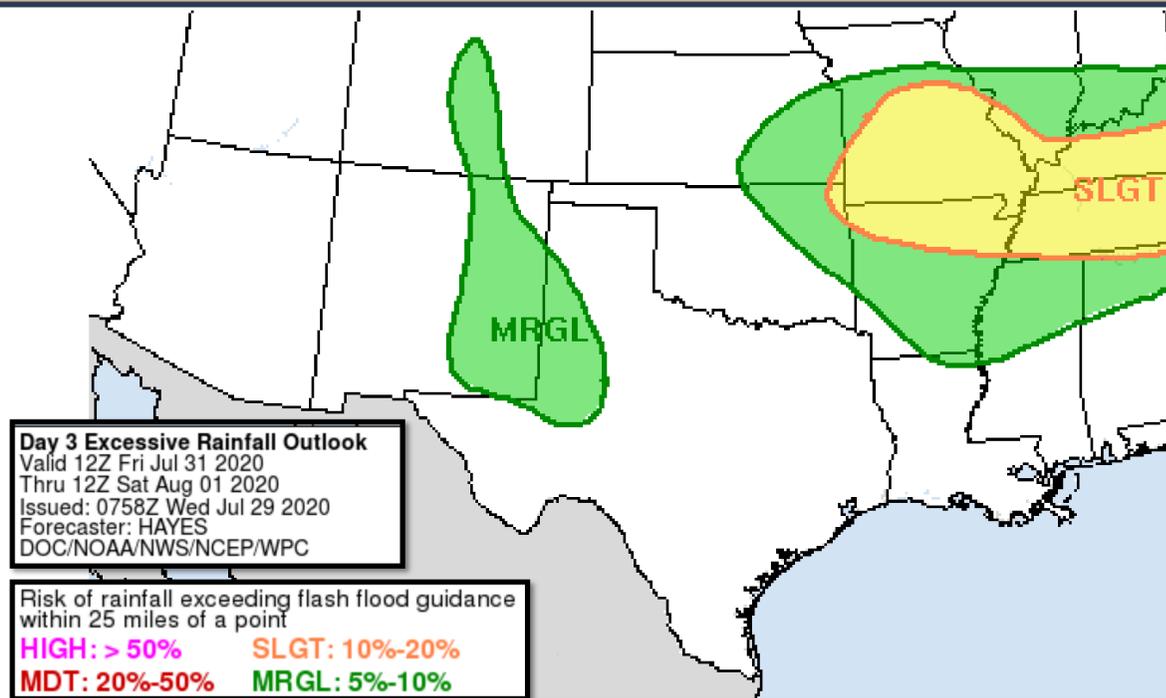
Heavy rain potential continues over N AR.

Marginal risk of severe storms across E NM, TX, SE OK, AR, and NW LA.

Severe Weather Outlook



Excessive Rainfall Outlook



Day 3 Excessive Rainfall Outlook
Valid 12Z Fri Jul 31 2020
Thru 12Z Sat Aug 01 2020
Issued: 0758Z Wed Jul 29 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%**

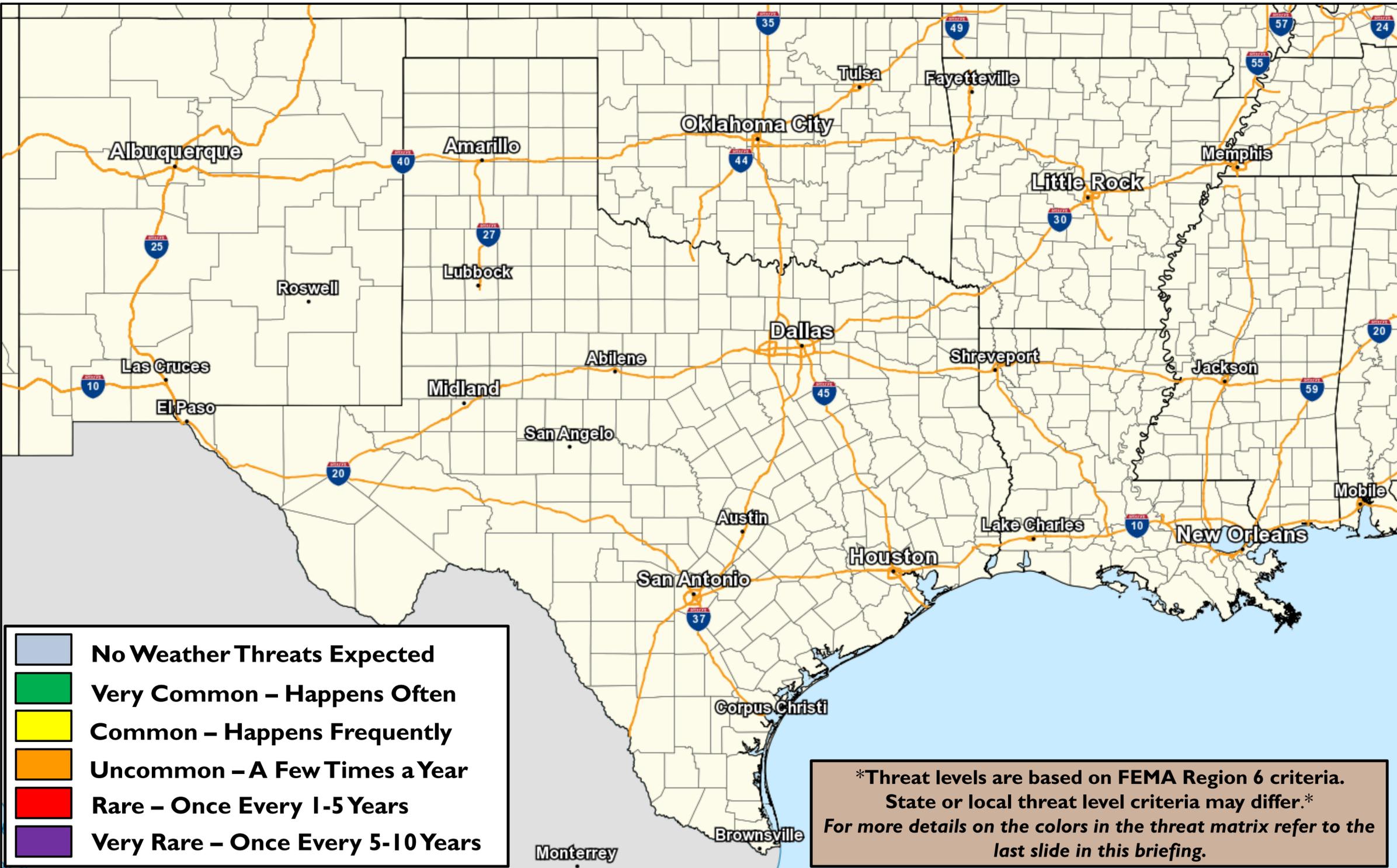
Days 4-5 Weather Hazards

Saturday - Sunday



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No significant weather impacts expected.

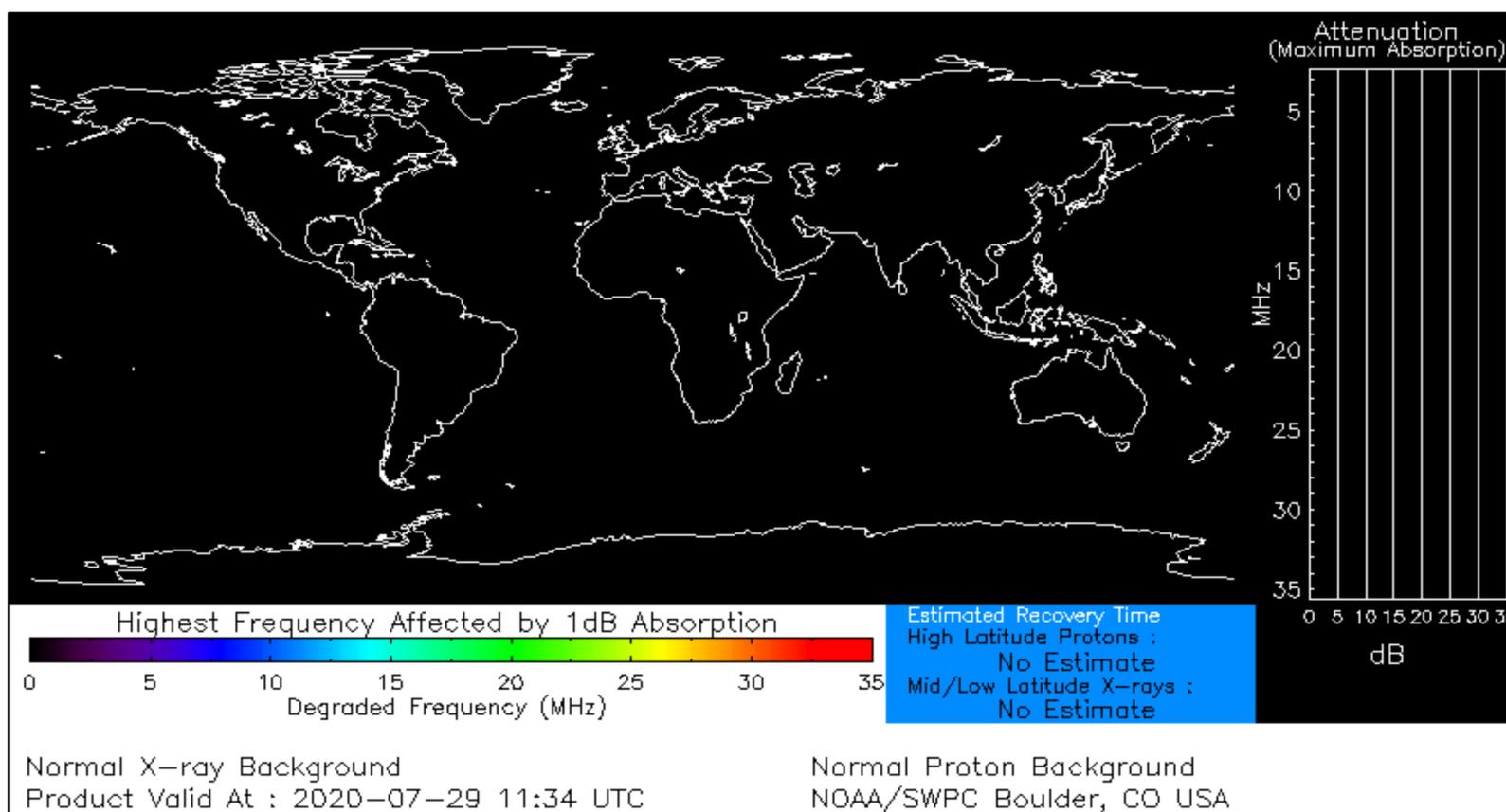


Space Weather 3-Day Forecast



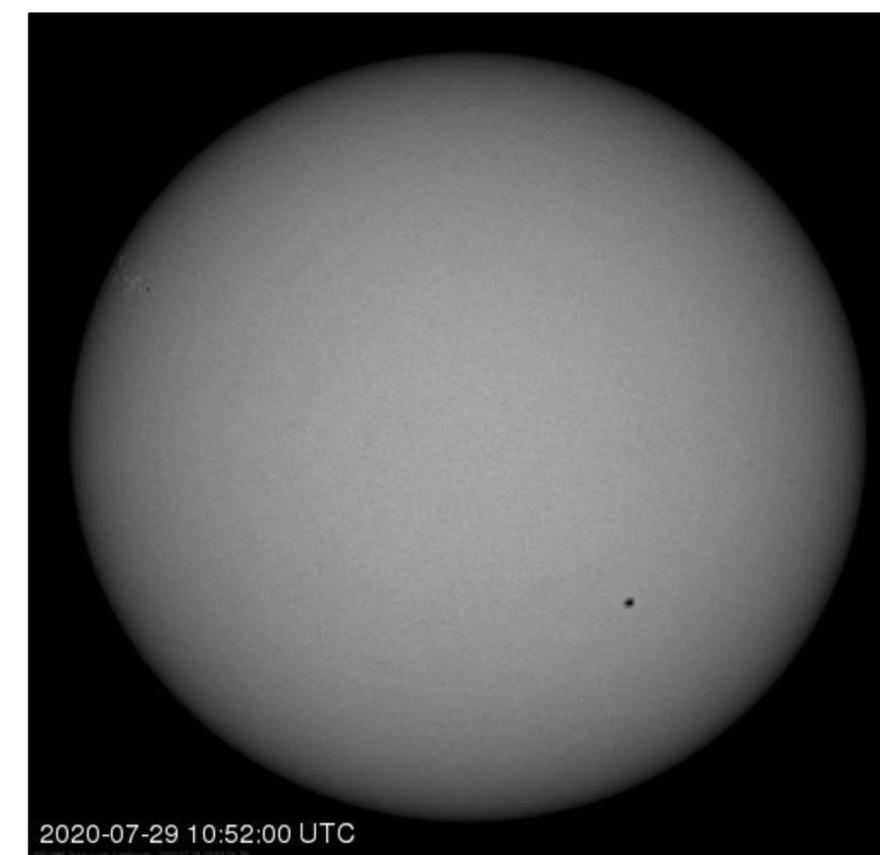
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	Wednesday	Thursday	Friday
Geomagnetic Storms	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[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

Web: <http://www.weather.gov/srh>



Weather "Threat" Matrix

Color	Definition	Criteria	Example(s)
Green	<p style="text-align: center;">Very Common</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"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	<p style="text-align: center;">Somewhat Common – Happens Frequently</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"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail
Orange	<p style="text-align: center;">Uncommon – A Few Times a Year</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"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	<p style="text-align: center;">Rare – Once every 1-5 Years</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"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	<p style="text-align: center;">Very Rare – Once Every 5-10 Years</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"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to sr-srh.roc@noaa.gov.