



FEMA



Prepared by
Cindy Elsenheimer

FEMA Region 6 Weather Threat Briefing

Monday May 25, 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.



NWSSouthern

www.weather.gov/srh



- **Heavy rainfall/flash flooding threat continues across TX and E OK today. Threat shifts into E TX, LA & AR Tuesday and Wednesday.**
- **Severe storms across portions of W and Central TX today, and across S TX and the ArkLaTex on Tuesday.**
- **Minor to moderate river flooding likely by mid-week across S OK, W AR and portions of N & Central TX.**

FEMA Region 6 Threat Matrix

May 25, 2020 - May 29, 2020



SR ROC
REGIONAL OPERATIONS CENTER

DAY / THREAT	Mon	Tue	Wed	Thu	Fri
Severe Storms	W & Central TX	S TX, ArkLaTex			
Heavy Rain / Flash Flooding	TX, E OK	ArkLaTex	ETX, LA, AR		
Fire Weather					
Tropical Weather					
Winter Weather					
River Flooding	MS River, AR, LA				
	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

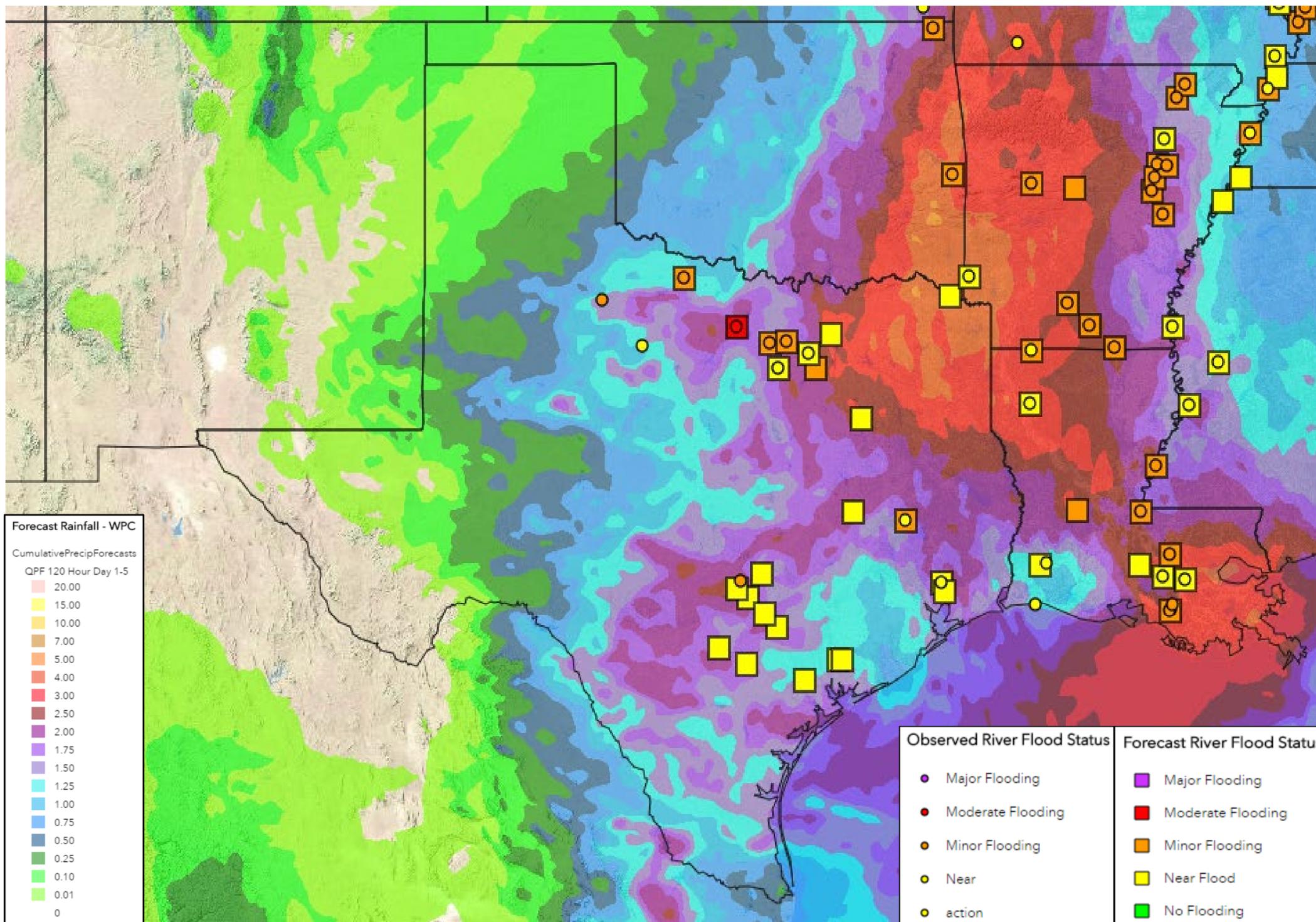
Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.
For more details on the colors in the threat matrix refer to the last slide in this briefing.

5-Day Precipitation Forecast & River Flood Status



SR ROC
REGIONAL OPERATIONS CENTER

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



New minor to moderate river flooding is **likely** over the next few days across E OK, W AR and portions of N & Central TX. Based on current rainfall forecast, a few points could be close to major flood in E OK or NETX by mid-week.

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

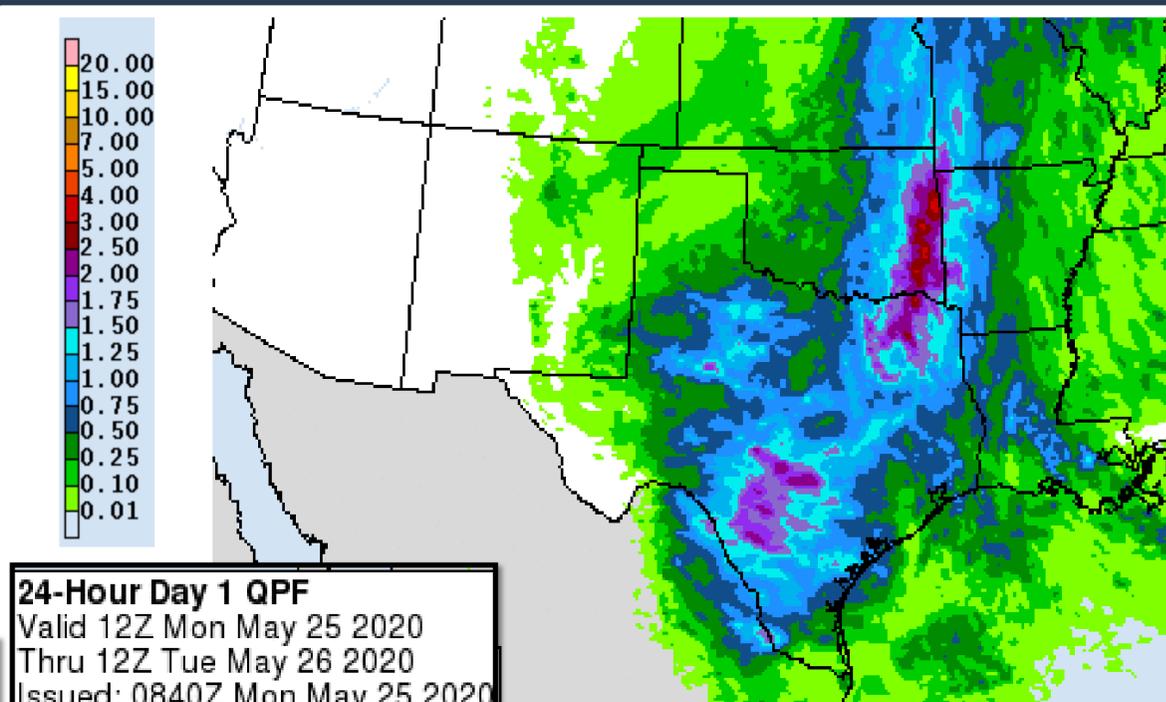
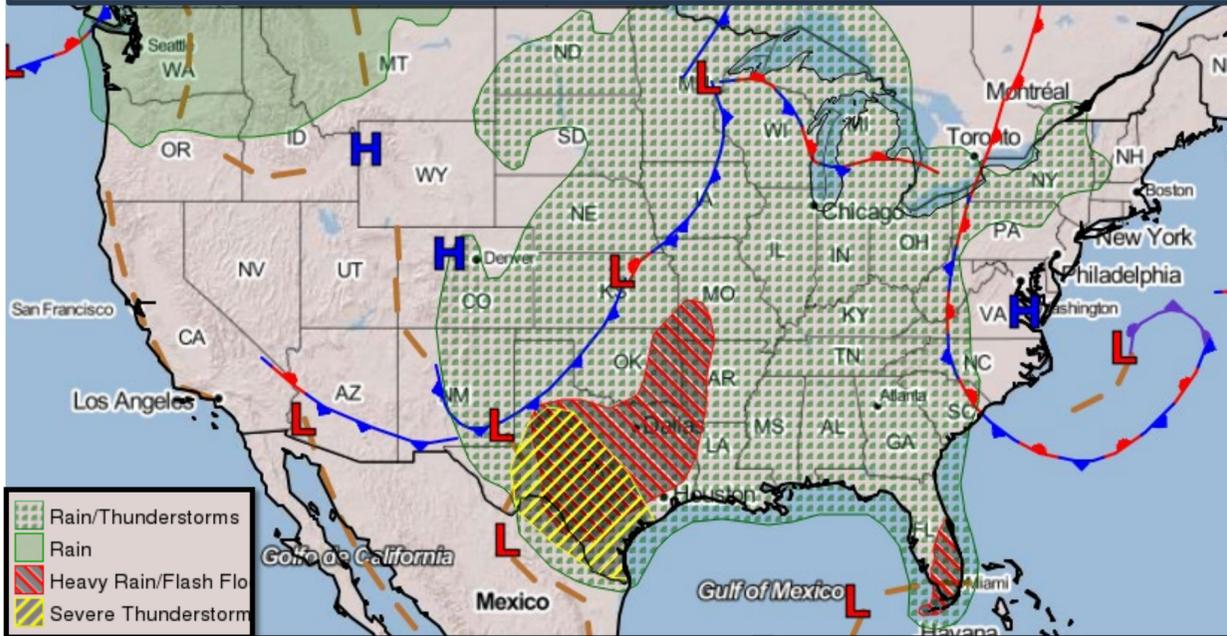
Today's Weather



SR ROC
REGIONAL OPERATIONS CENTER

Forecast Chart

Forecast Rainfall



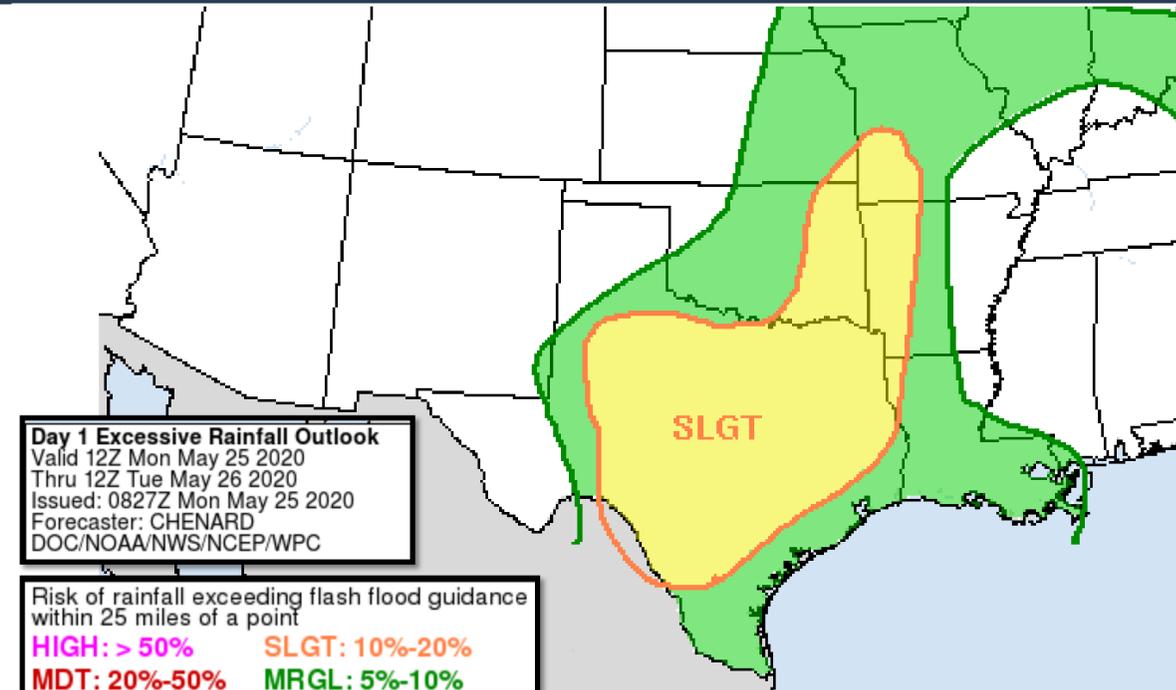
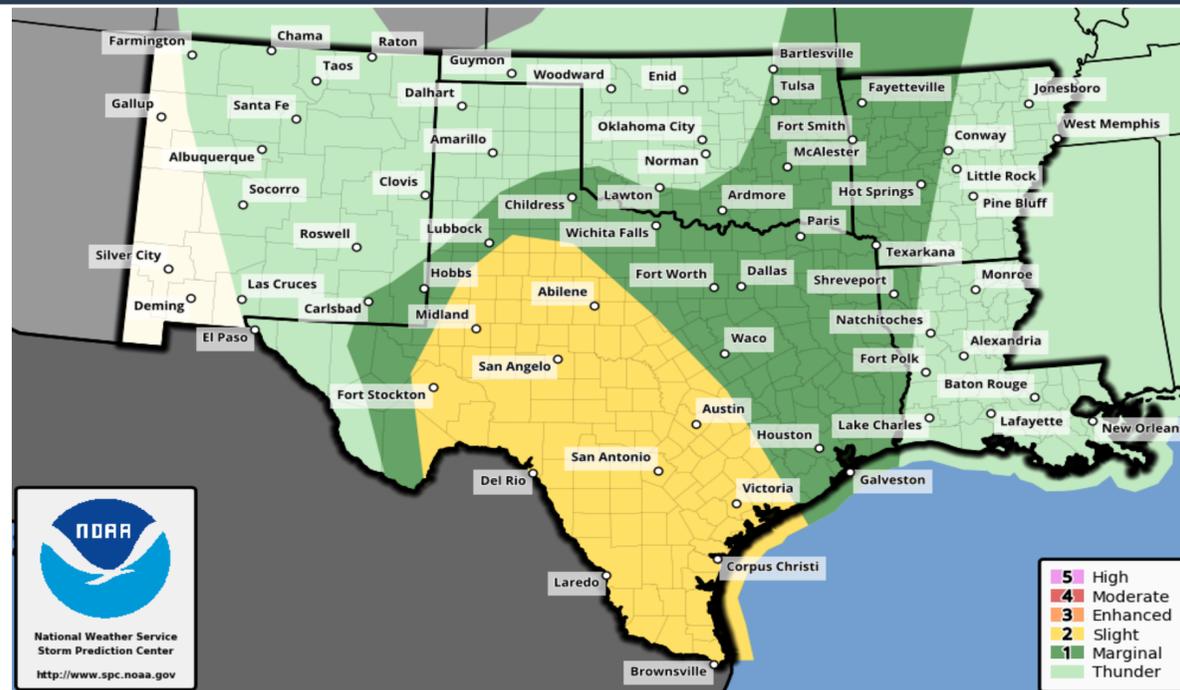
**Heavy rain/flash flooding
across much of TX and E OK.**

**Severe storms across W &
Central TX**

Weather Valid 8am EDT Mon May 25 2020 to 8am EDT Tue May 26 2020
Fronts Valid 8am EDT Mon May 25 2020
Issued 4:58 AM EDT Mon, May 25, 2020
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Kebede with WPC/SPC/NHC forecasts.

Severe Weather Outlook

Excessive Rainfall Outlook



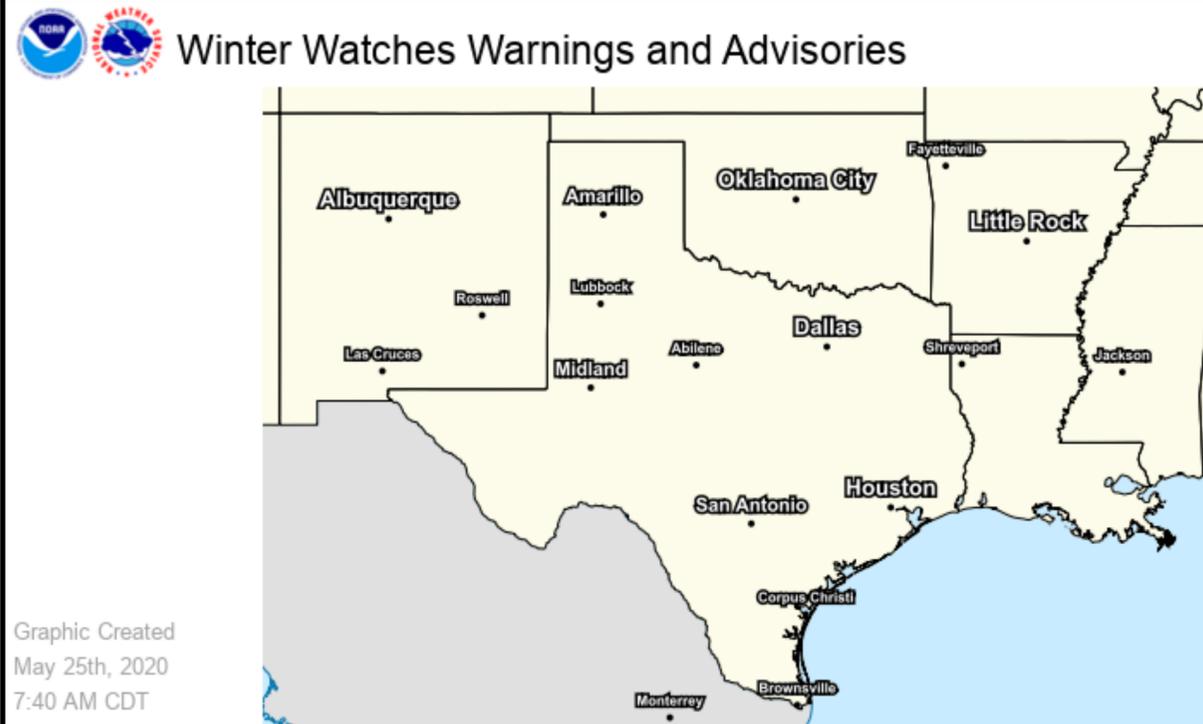
Watches, Warnings, and Advisories



SR ROC
REGIONAL OPERATIONS CENTER

Wind, Severe, Winter, and Flood Hazards

Flash Flood Watches for E OK/TX and W AR/LA.



Tomorrow's Weather



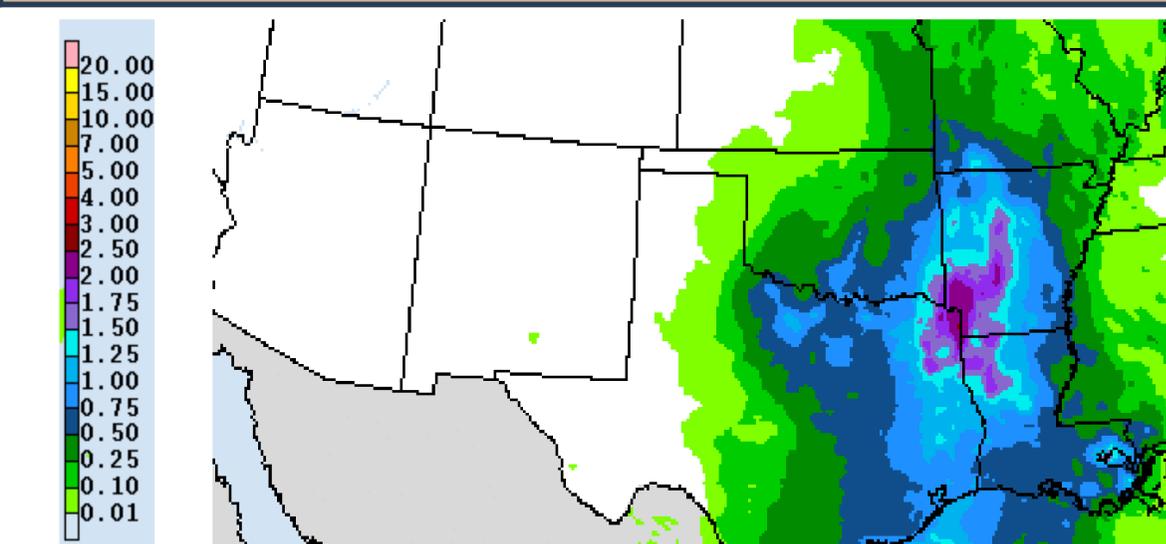
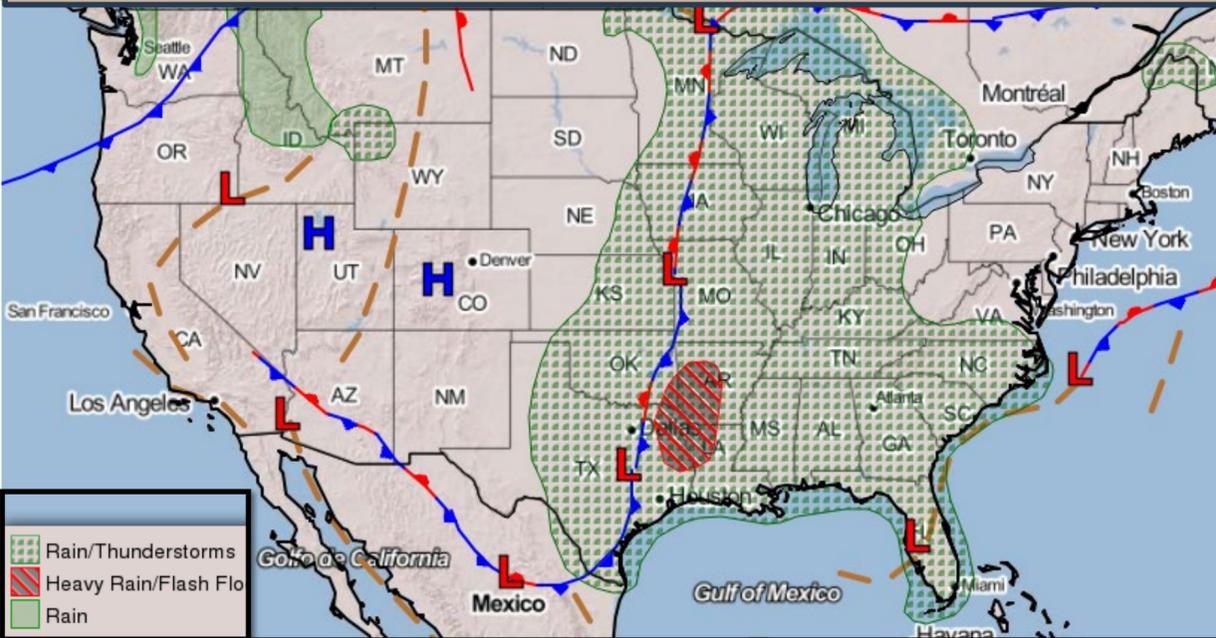
SR ROC
REGIONAL OPERATIONS CENTER

Forecast Chart

Forecast Rainfall

Heavy rainfall/flash flooding over ArkLaTex.

Isolated strong to severe storms across STX and ArkLaTex

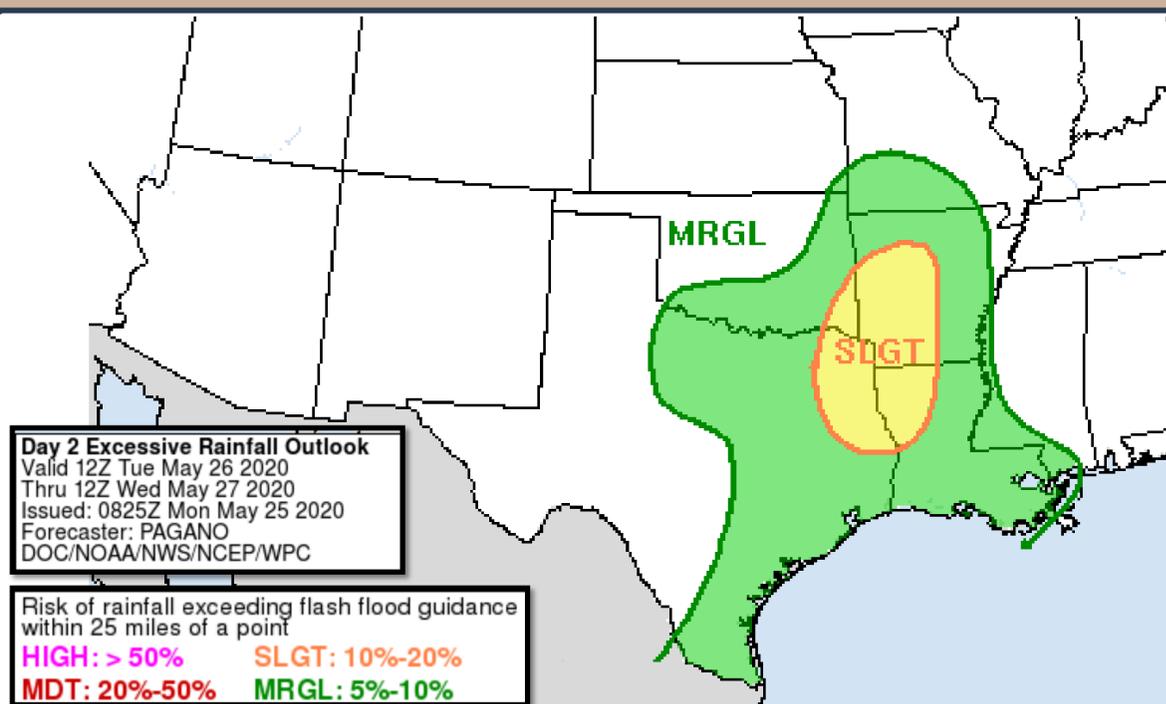
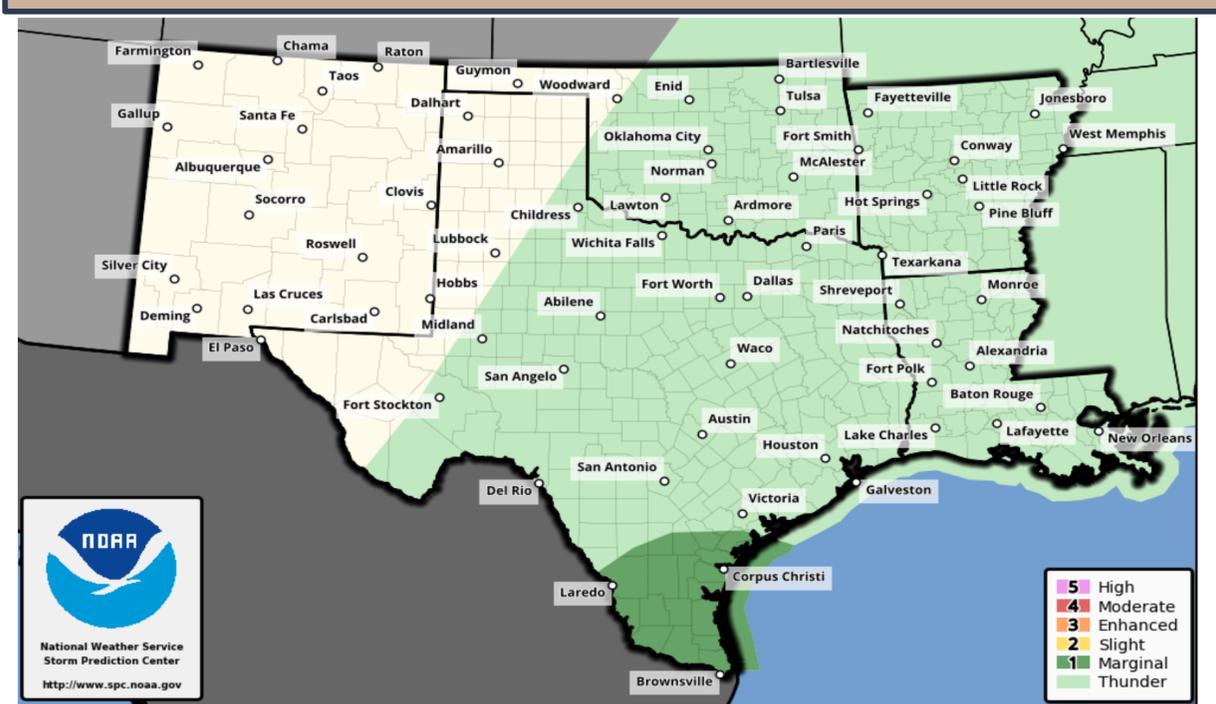


Weather Valid 8am EDT Tue May 26 2020 to 8am EDT Wed May 27 2020
Fronts Valid 8am EDT Tue May 26 2020
Issued 4:38 AM EDT Mon, May 25, 2020
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Kebede with WPC/SPC/NHC forecasts.

24-Hour Day 2 QPF
Valid 12Z Tue May 26 2020
Thru 12Z Wed May 27 2020
Issued: 0722Z Mon May 25 2020

Severe Weather Outlook

Excessive Rainfall Outlook



Day 2 Excessive Rainfall Outlook
Valid 12Z Tue May 26 2020
Thru 12Z Wed May 27 2020
Issued: 0825Z Mon May 25 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%**

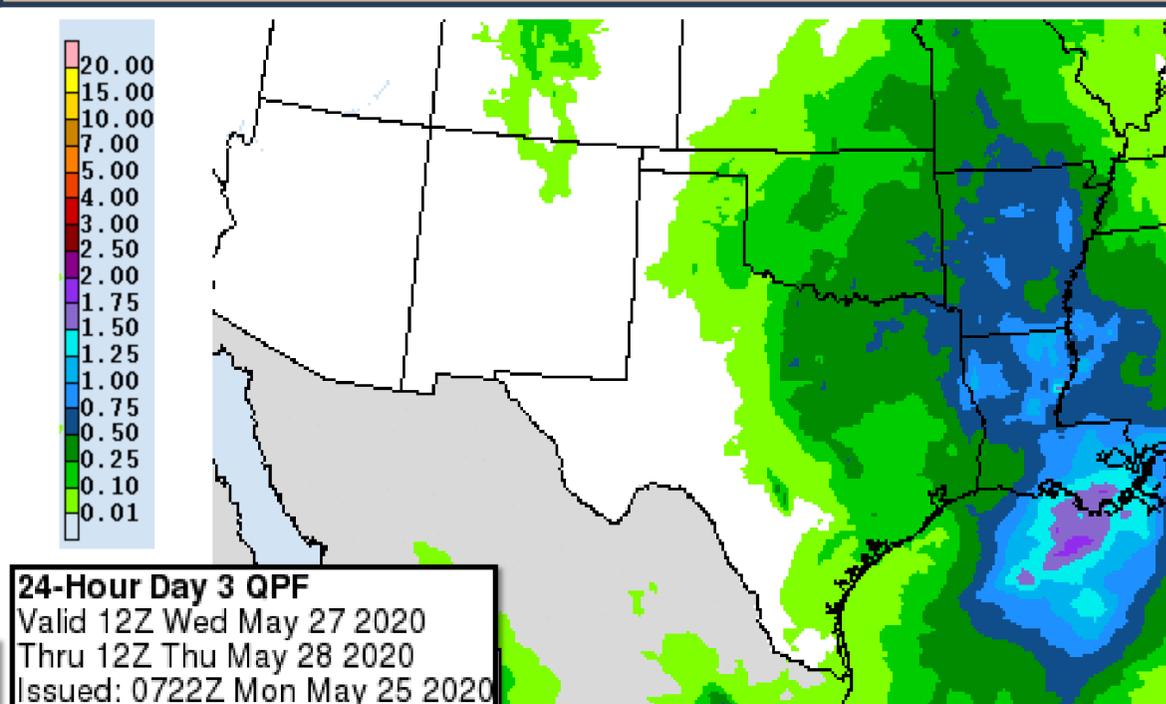
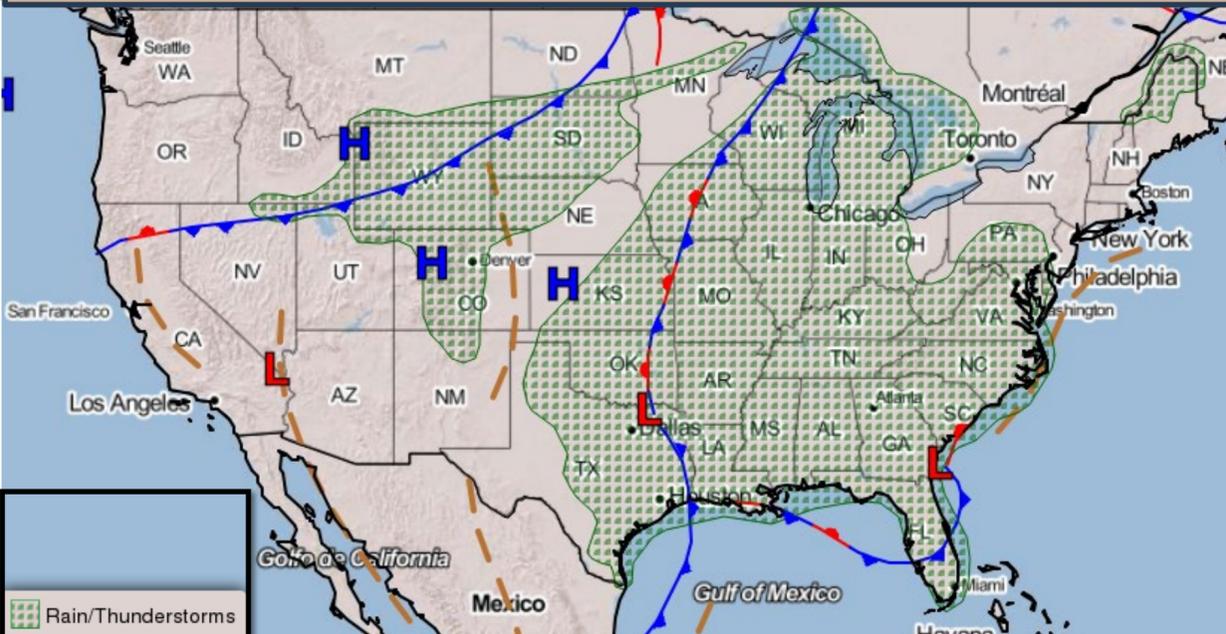
Wednesday's Weather



SR ROC
REGIONAL OPERATIONS CENTER

Forecast Chart

Forecast Rainfall

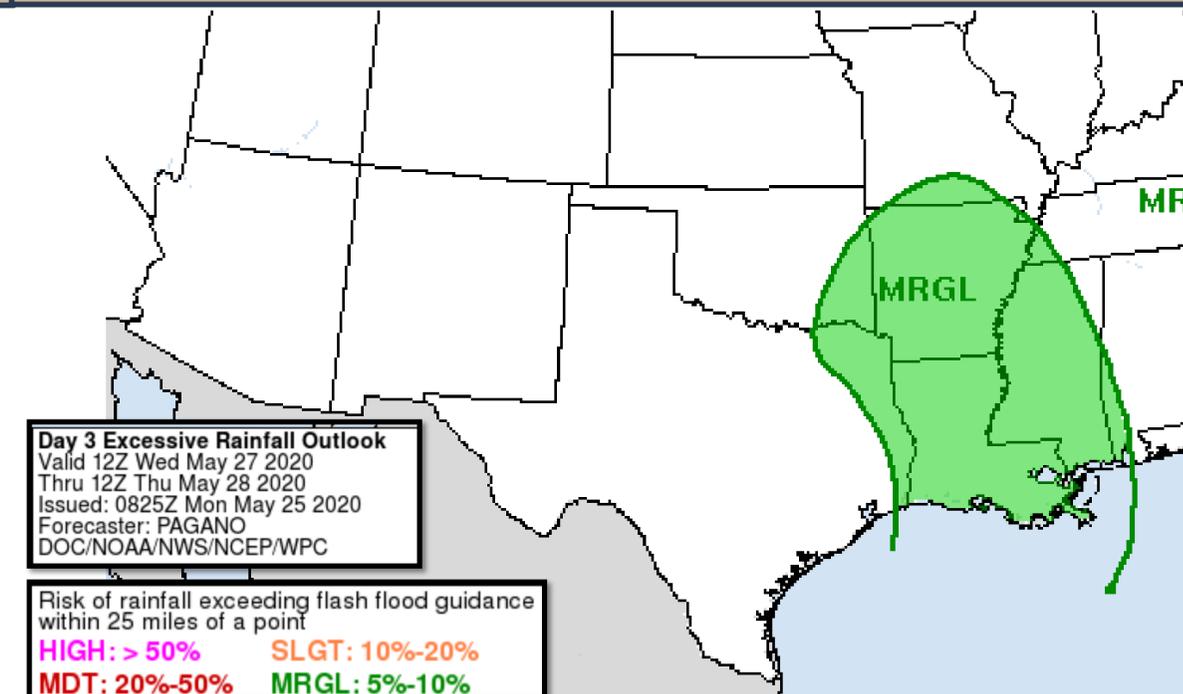
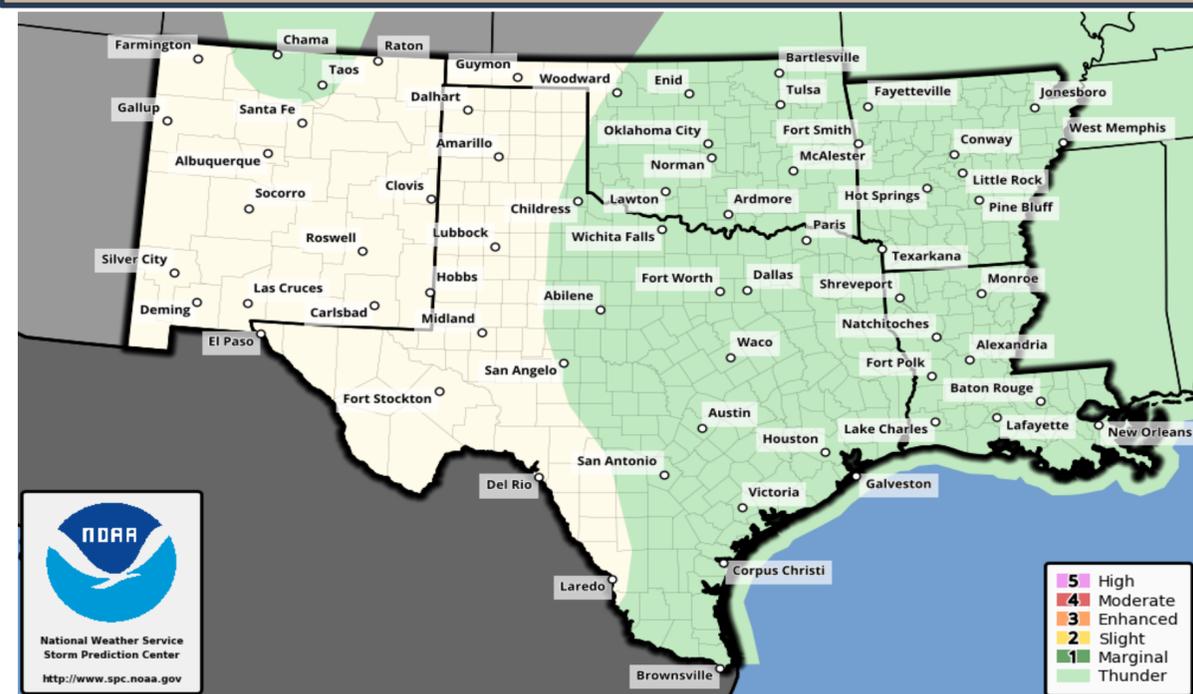


Isolated heavy rainfall/flash flooding across E TX into AR & LA.

Weather Valid 8am EDT Wed May 27 2020 to 8am EDT Thu May 28 2020
Fronts Valid 8am EDT Wed May 27 2020
Issued 4:39 AM EDT Mon, May 25, 2020
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Kebede with WPC/SPC/NHC forecasts.

Severe Weather Outlook

Excessive Rainfall Outlook

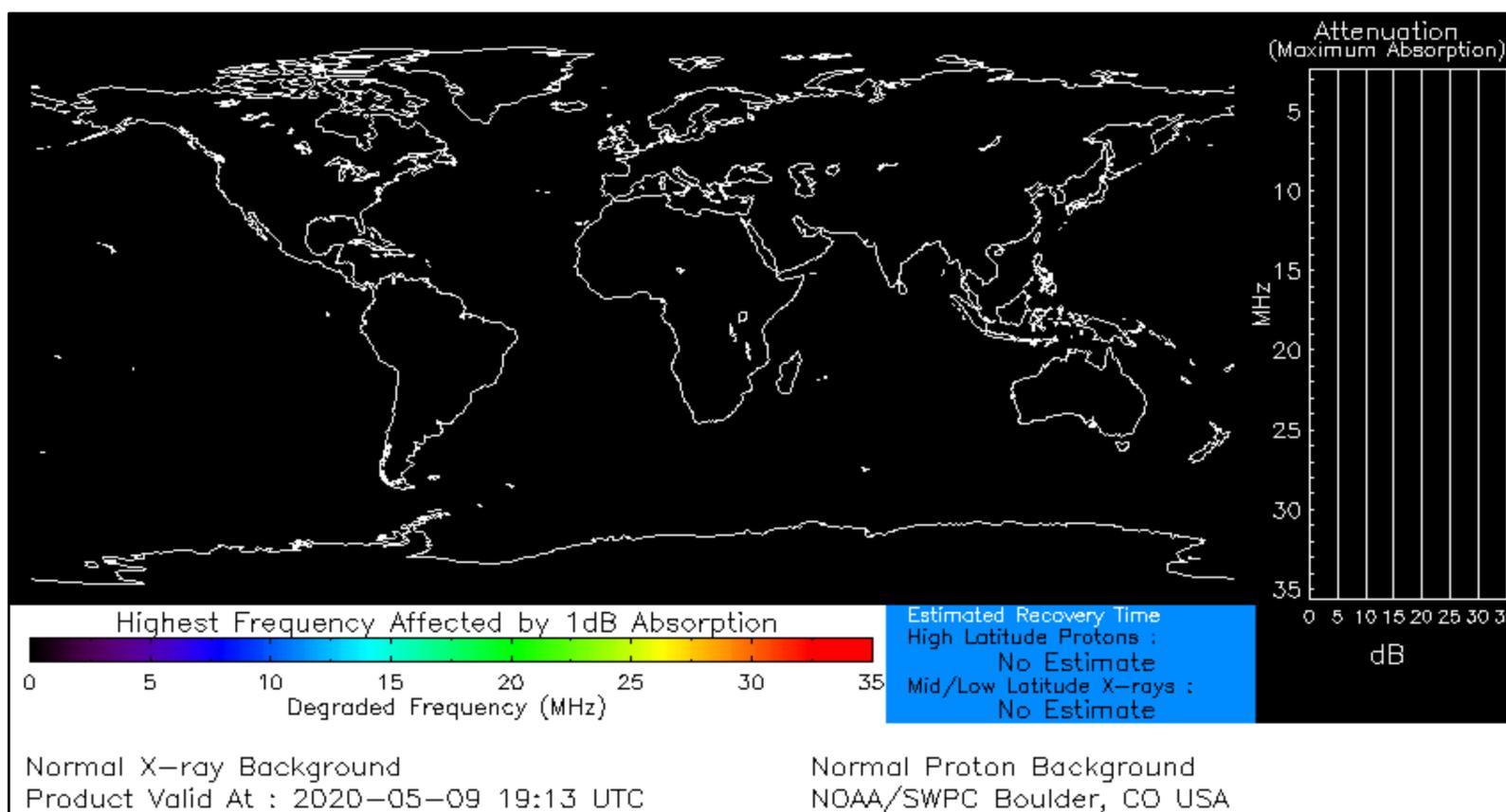


Space Weather 3-Day Forecast



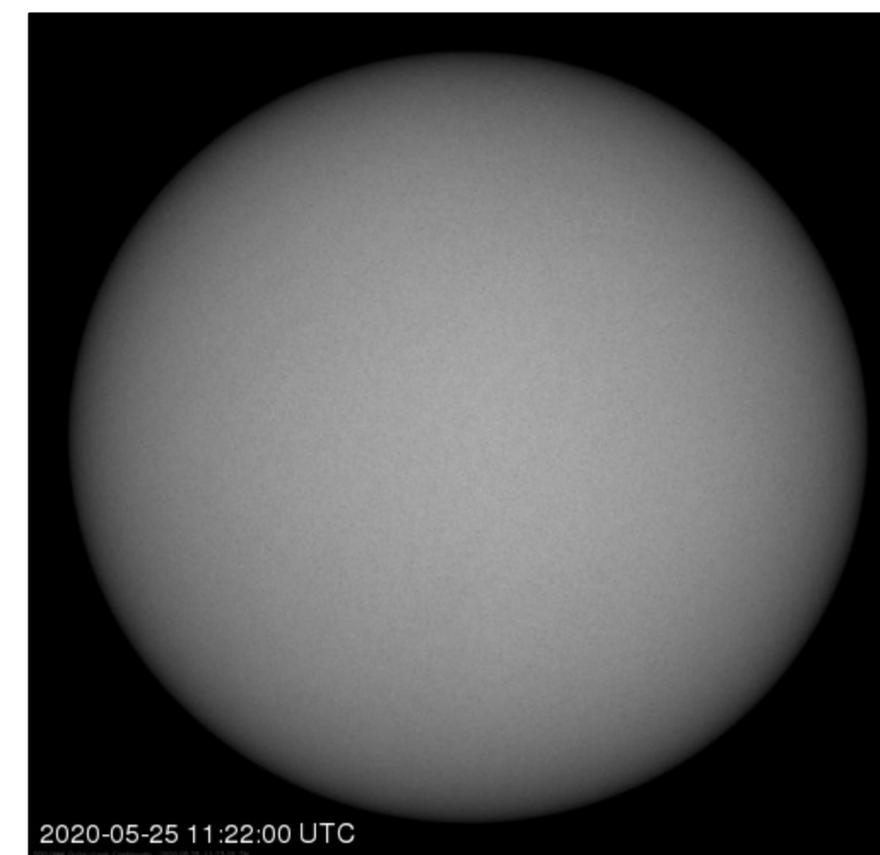
SR ROC
REGIONAL OPERATIONS CENTER

	Monday	Tuesday	Wednesday
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.