



FEMA



Prepared by
Todd Beal

FEMA Region 6 Weather Threat Briefing

Saturday October 10, 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.



- **Remnants of Delta will continue moving northeast today. Tropical storm force winds possible across portions of N LA. Heavy rain/flash flooding threat continues for N LA and E AR.**
- **Elevated to critical fire weather conditions across NM, W TX and the TX/OK Panhandles through Tuesday.**

FEMA Region 6 Threat Matrix

Oct 10, 2020 - Oct 14, 2020



SR ROC
REGIONAL OPERATIONS CENTER

DAY / THREAT	Sat	Sun	Mon	Tue	Wed
Severe Storms					
Heavy Rain / Flash Flooding	E AR/NE LA				
Fire Weather	NM/Far W TX	NM/W TX & TX/OK Panhandles	N NM	N NM	
Tropical Winds / Surge	LA				
Winter Weather					
River Flooding	LA	LA	LA	LA	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.

Tropical Weather Outlook – Atlantic/Gulf



SR ROC
REGIONAL OPERATIONS CENTER

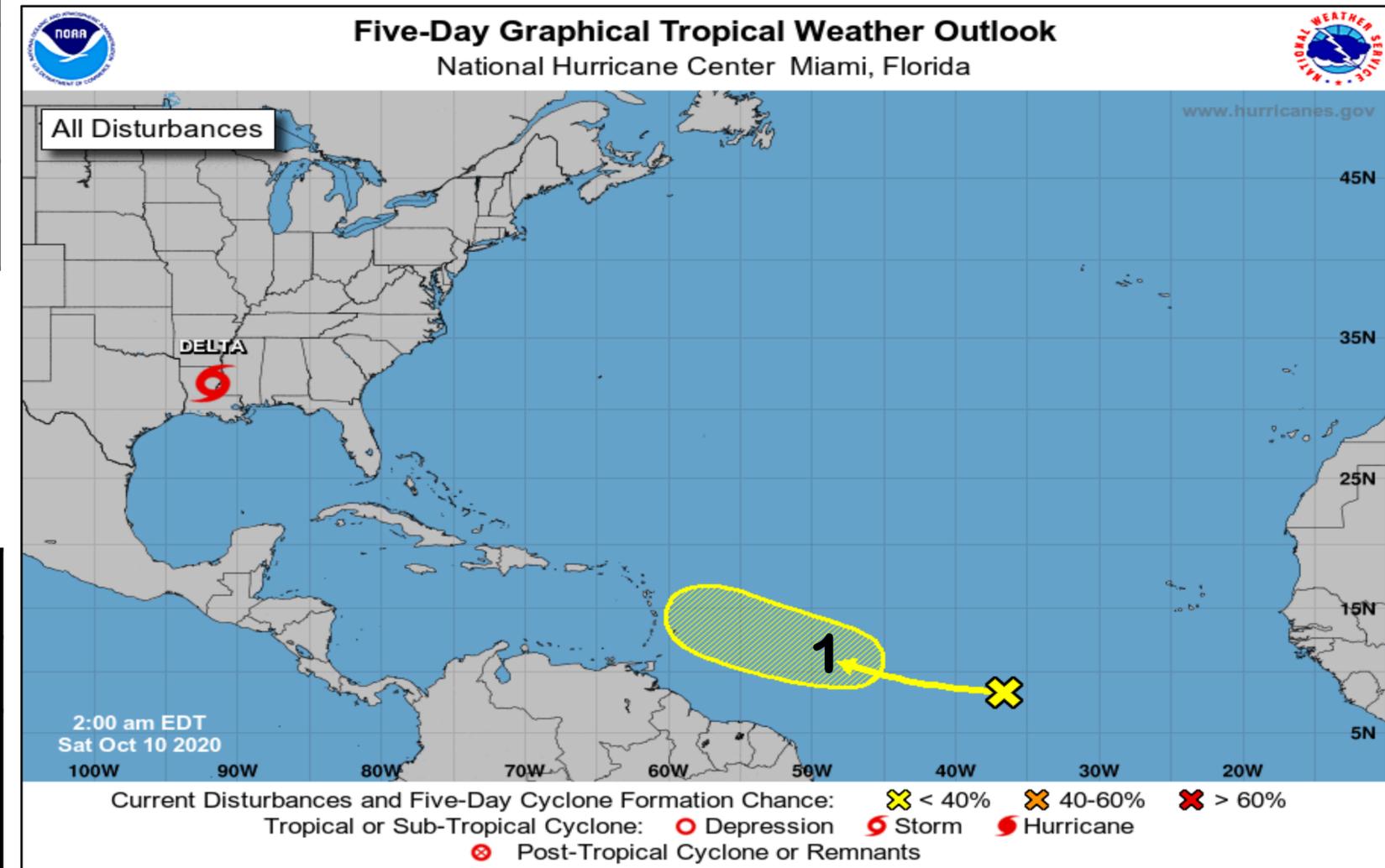
See next slides for more information on Gamma and Delta

Areas of Possible Development

Area	Chance of Development	Potential Impacts to FEMA 6
1	Low	None in the next five days.

Active Tropical Cyclones

Storm	Potential Impacts to FEMA 6
Delta	Tropical storm force winds across N LA. Heavy rain/flash flood threat continues for N LA and E AR.

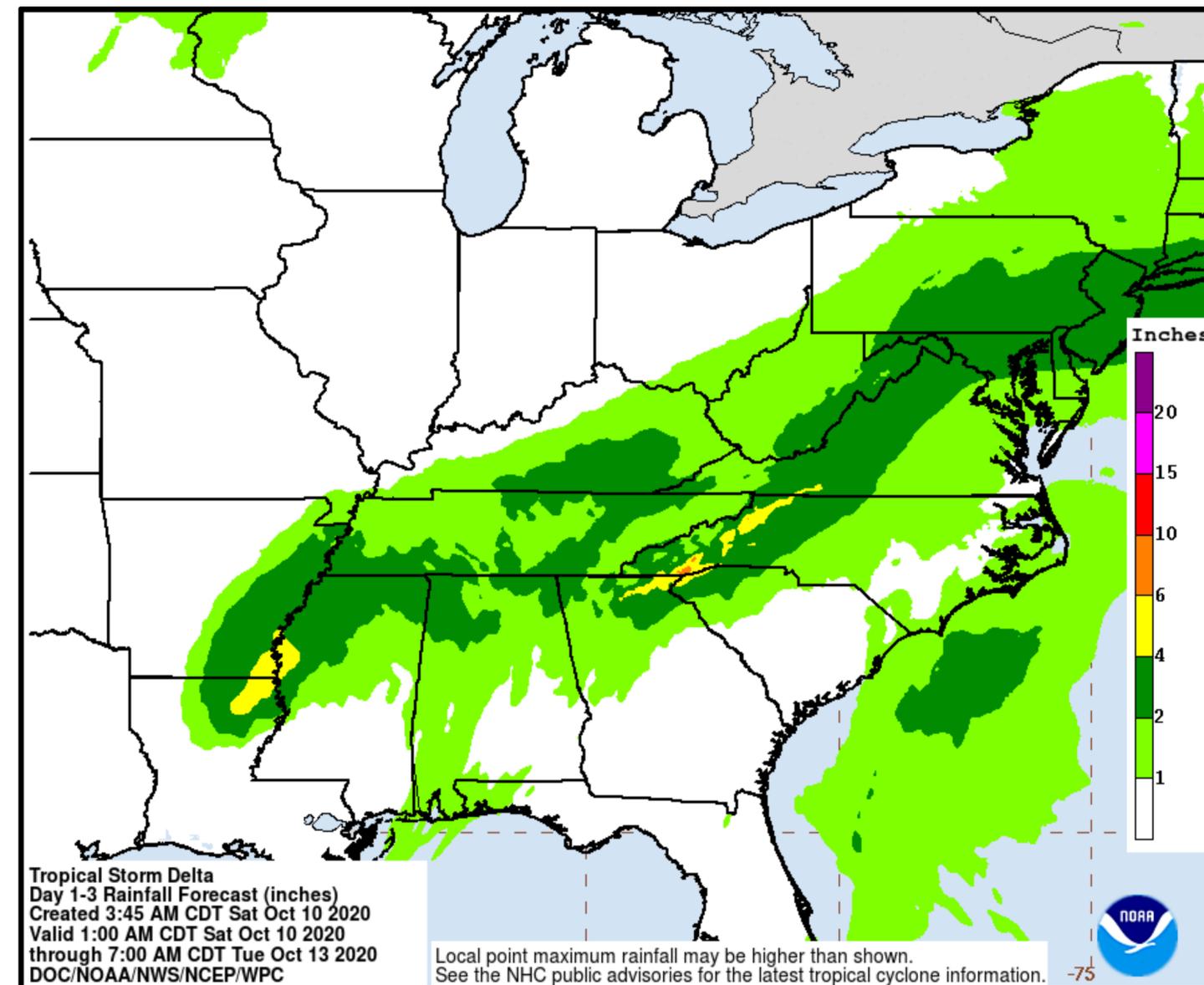
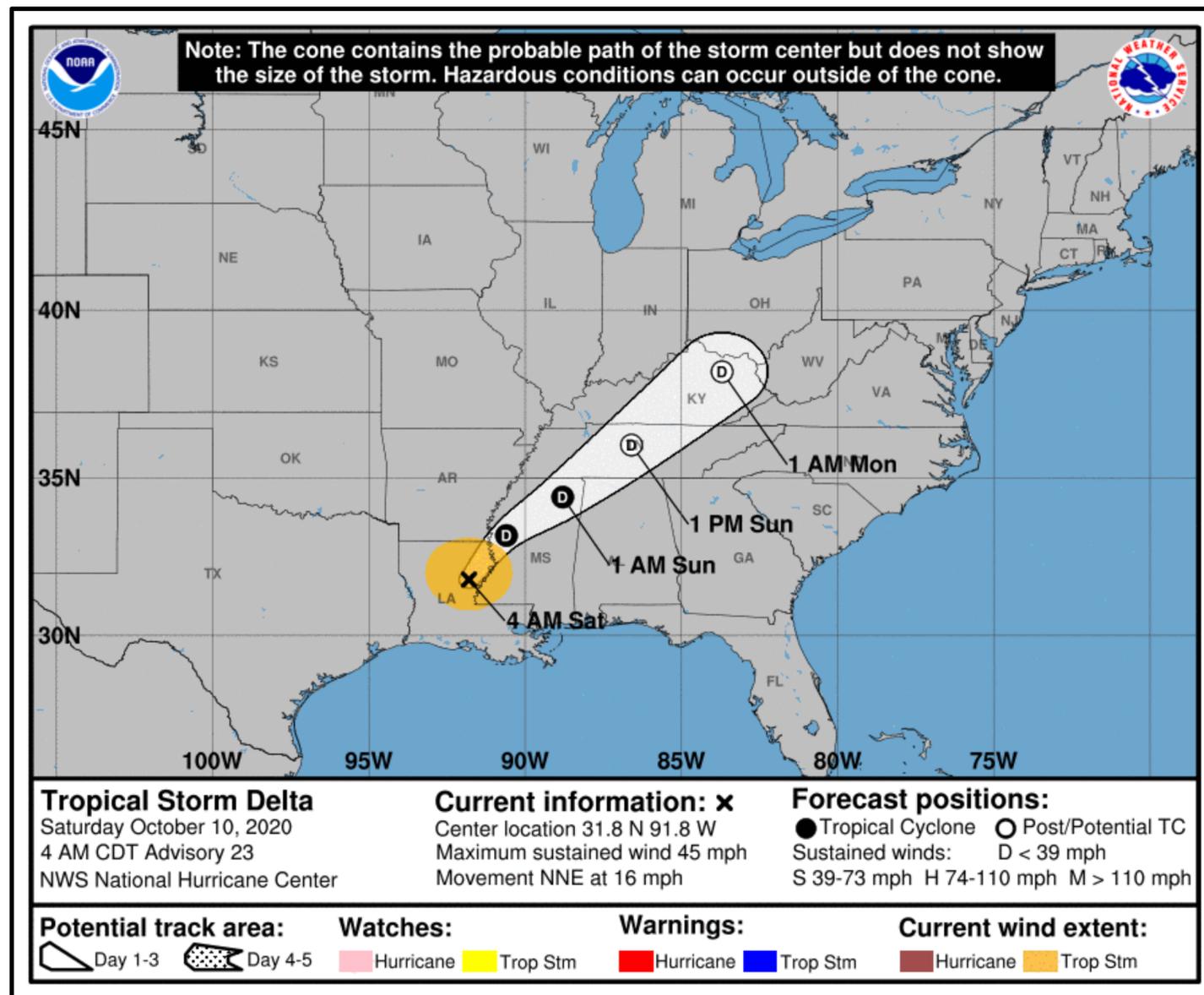


Delta Summary



SR ROC
REGIONAL OPERATIONS CENTER

- **Summary:** Remnants of Delta will move northeast into Mississippi this afternoon/evening.
- **POTENTIAL Impacts:** Tropical storm force winds for LA, and heavy rain/flash flood potential for N LA/E AR.

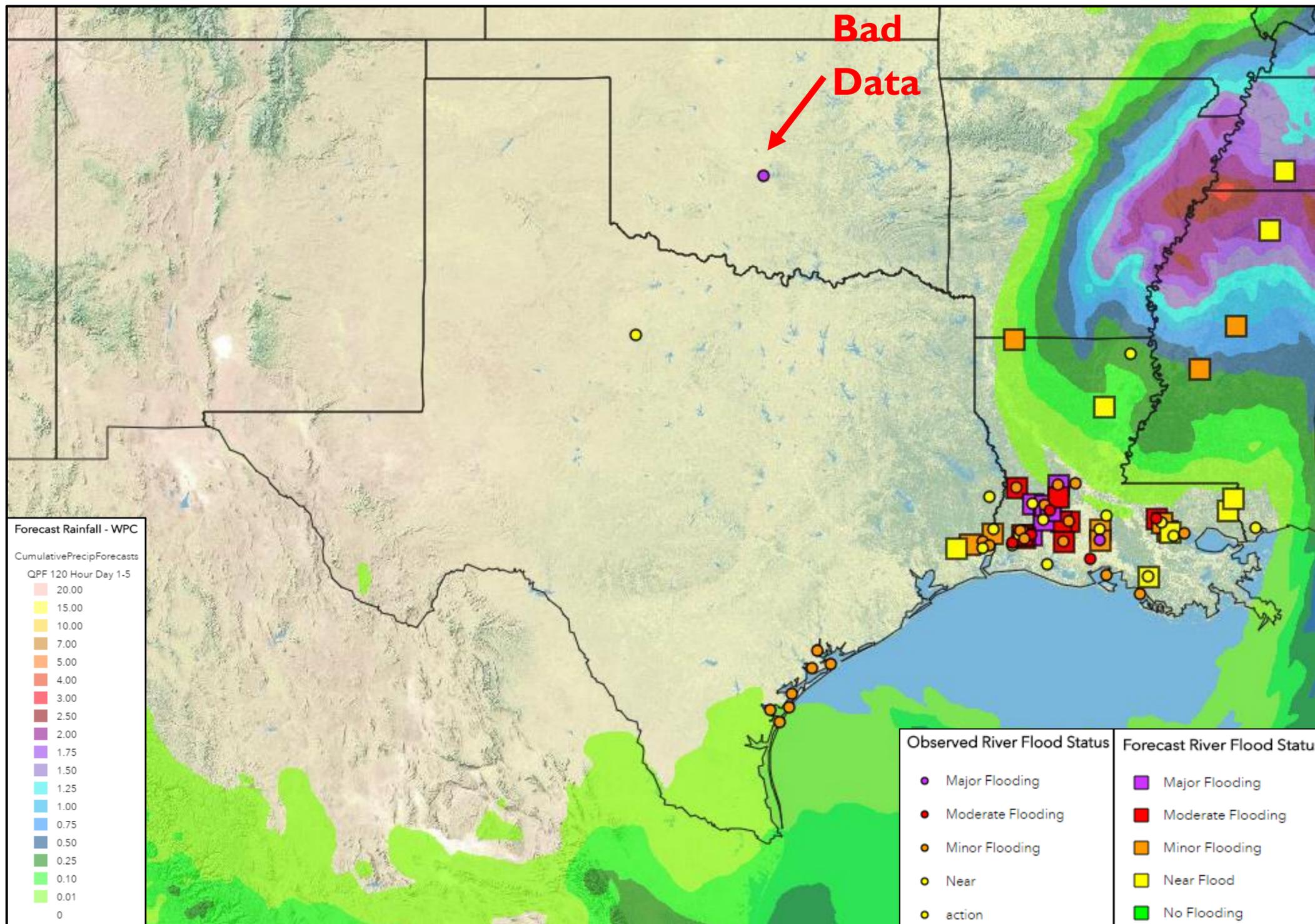


5-Day Precipitation Forecast & River Flood Status



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



Moderate to Major river flooding is forecast across LA due to Hurricane Delta.

Some points along the Calcasieu River (Glenmora, Oberlin, Kinder, White Oak Park) and are forecast to go into major flood. Impacts to structures, homes, roads, and camps may occur.

Bundick Creek at Bundick Lake is also forecast to reach major flooding. Numerous homes and camps may flood around the lake.

Today's Weather



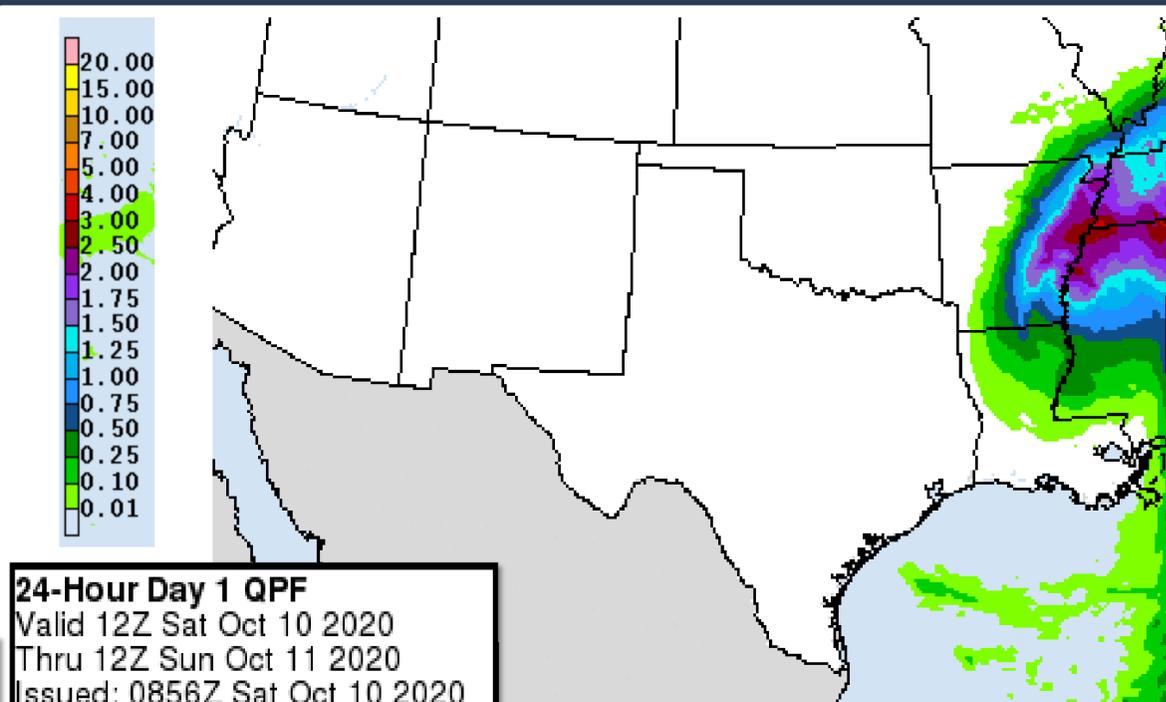
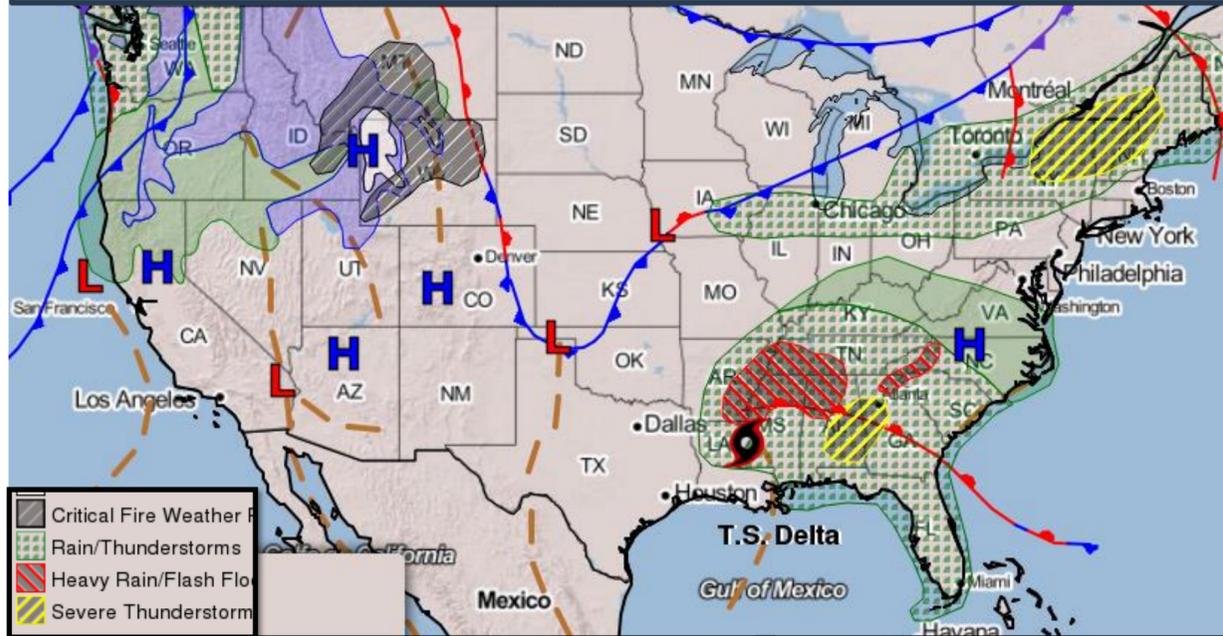
SR ROC
REGIONAL OPERATIONS CENTER

Forecast Chart

Forecast Rainfall

**Heavy rainfall/flash flooding
across N LA and E AR.**

**Tropical storm force winds
over N LA this morning.**

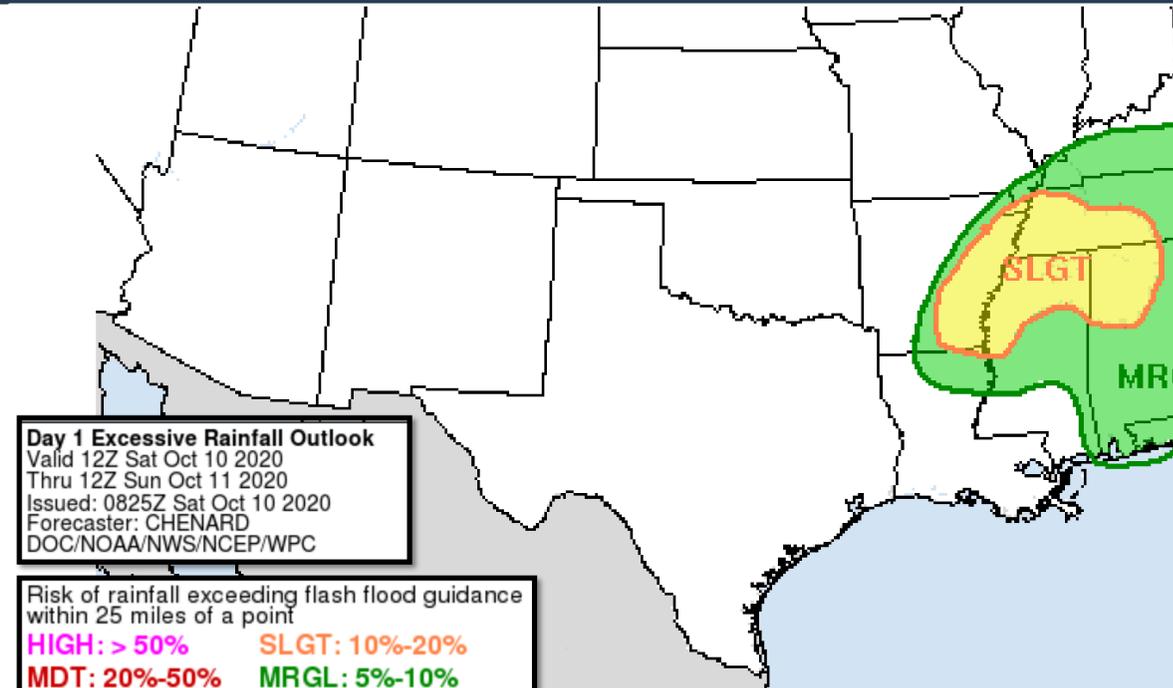
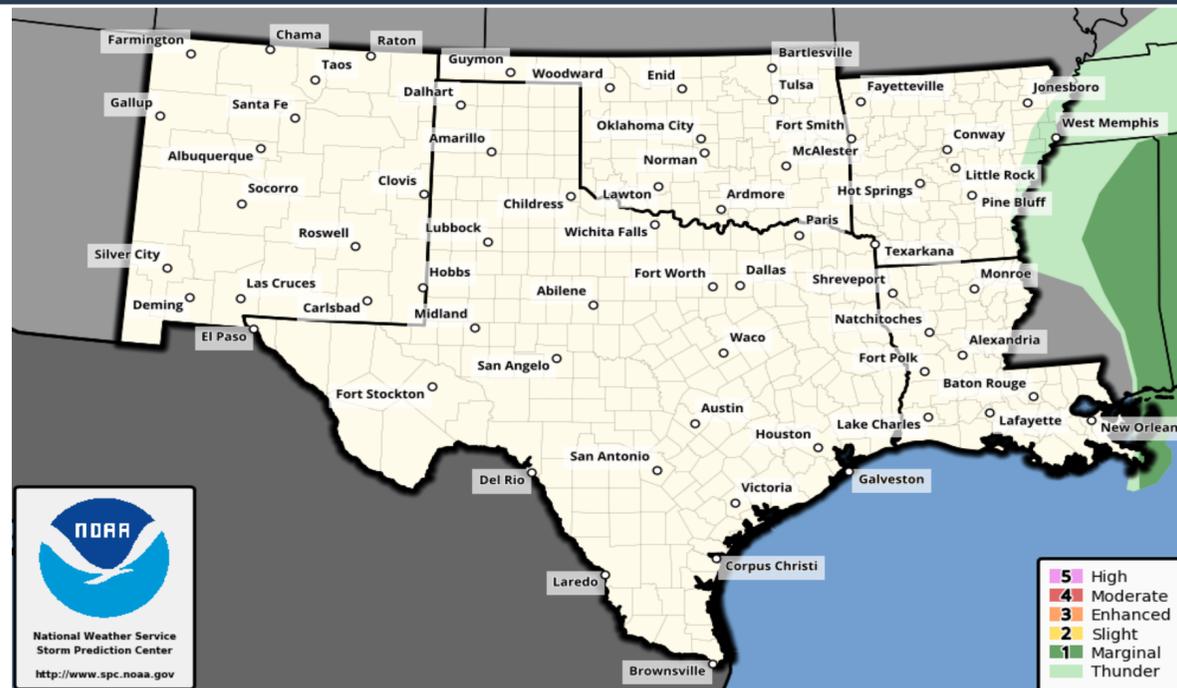


24-Hour Day 1 QPF
Valid 12Z Sat Oct 10 2020
Thru 12Z Sun Oct 11 2020
Issued: 0856Z Sat Oct 10 2020

Weather Valid 8am EDT Sat Oct 10 2020 to 8am EDT Sun Oct 11 2020
Fronts Valid 8am EDT Sat Oct 10 2020
Issued 4:57 AM EDT Sat, Oct 10, 2020
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Hurley with WPC/SPC/NHC forecasts.

Severe Weather Outlook

Excessive Rainfall Outlook



Day 1 Excessive Rainfall Outlook
Valid 12Z Sat Oct 10 2020
Thru 12Z Sun Oct 11 2020
Issued: 0825Z Sat Oct 10 2020
Forecaster: CHENARD
DOC/NOAA/NWS/NCEP/WPC

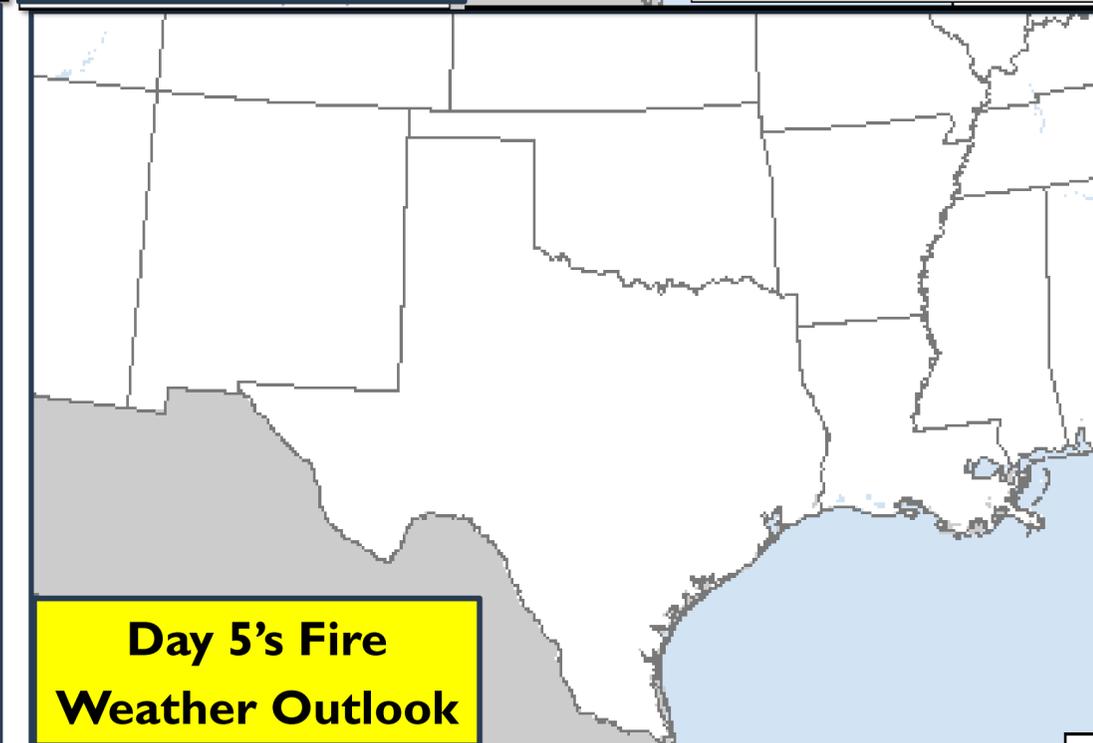
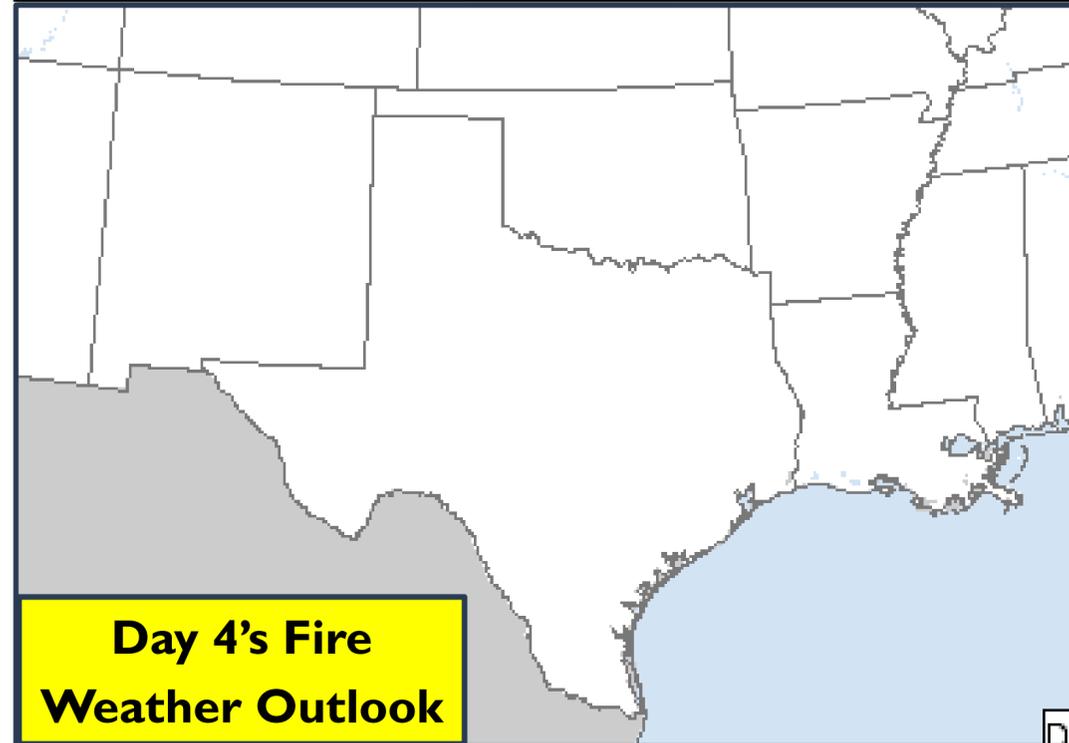
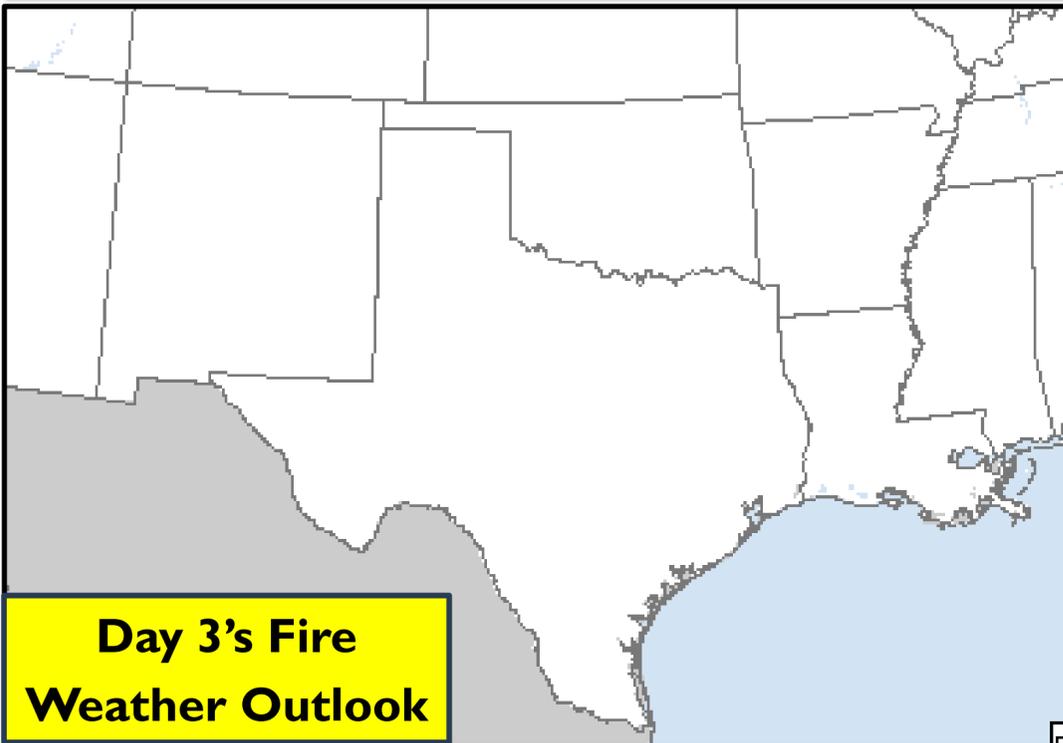
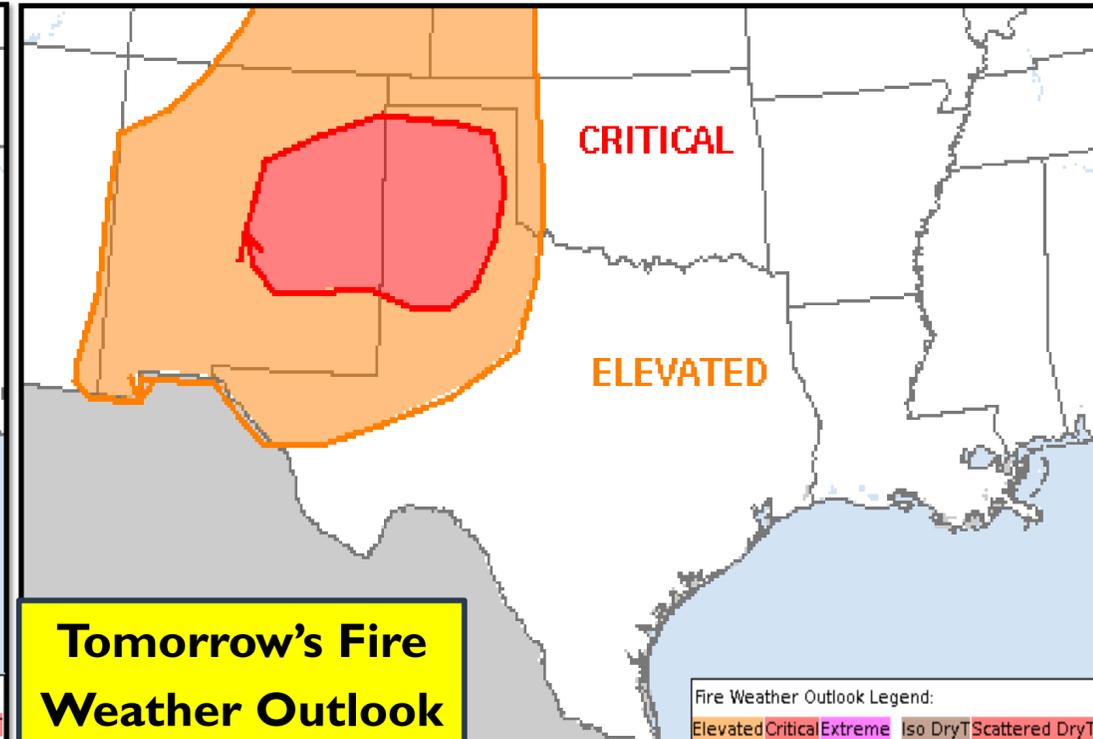
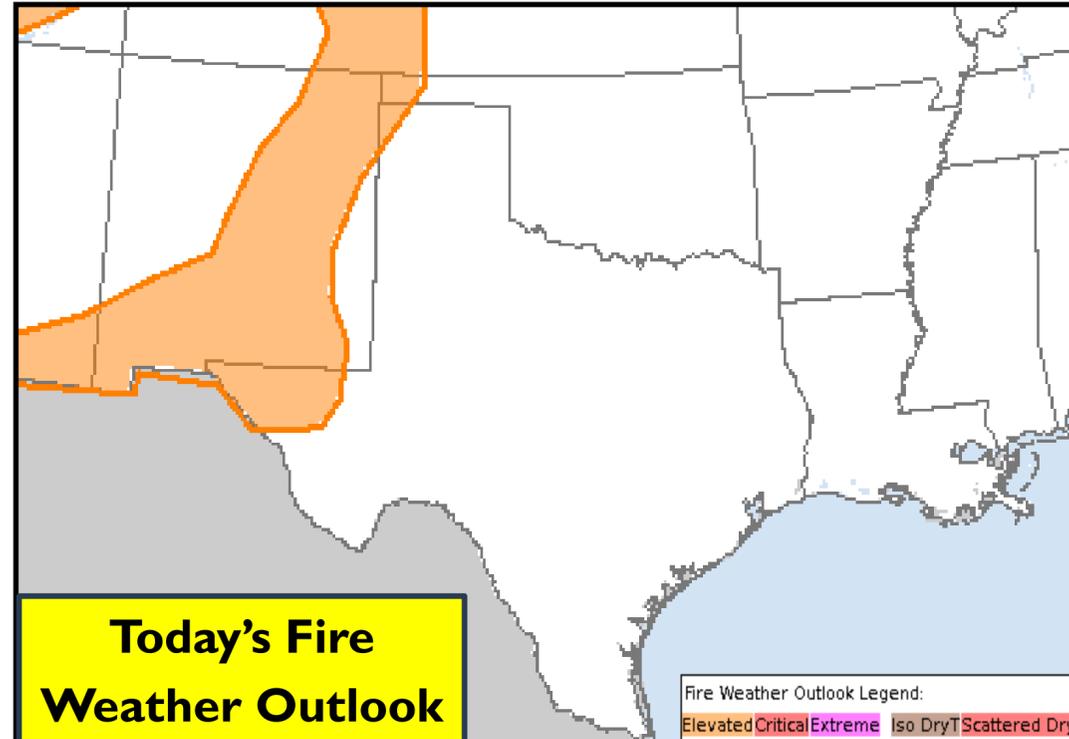
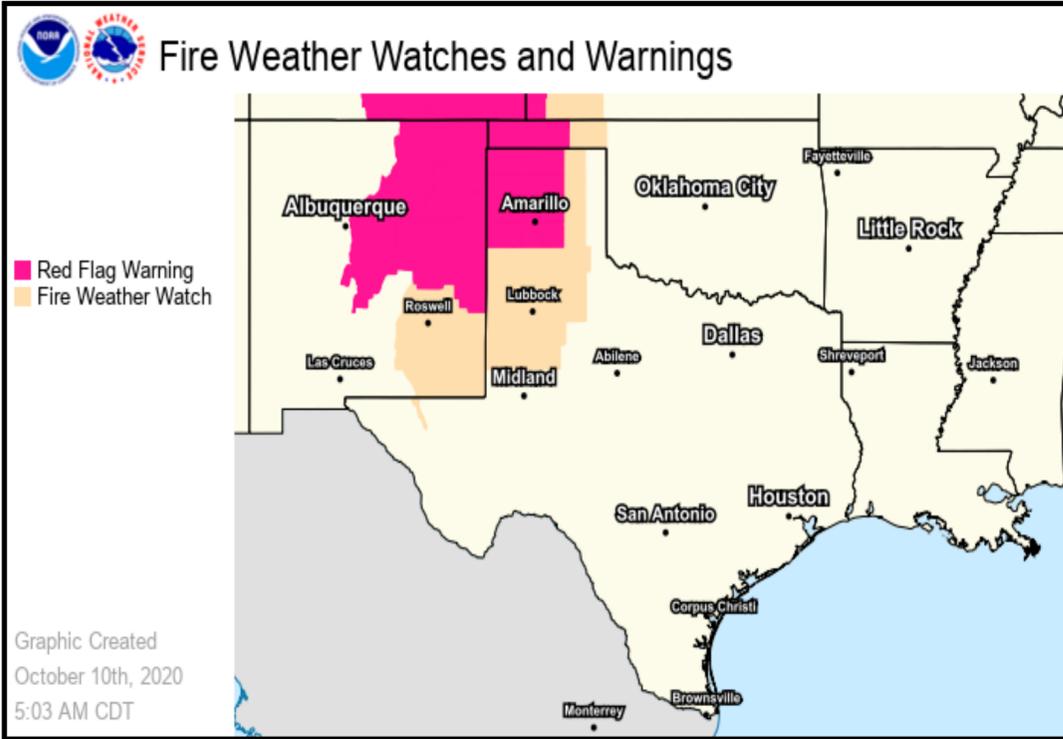
Risk of rainfall exceeding flash flood guidance within 25 miles of a point
HIGH: >50% **SLGT: 10%-20%**
MDT: 20%-50% **MRGL: 5%-10%**



Fire Weather Outlooks



SR ROC
REGIONAL OPERATIONS CENTER

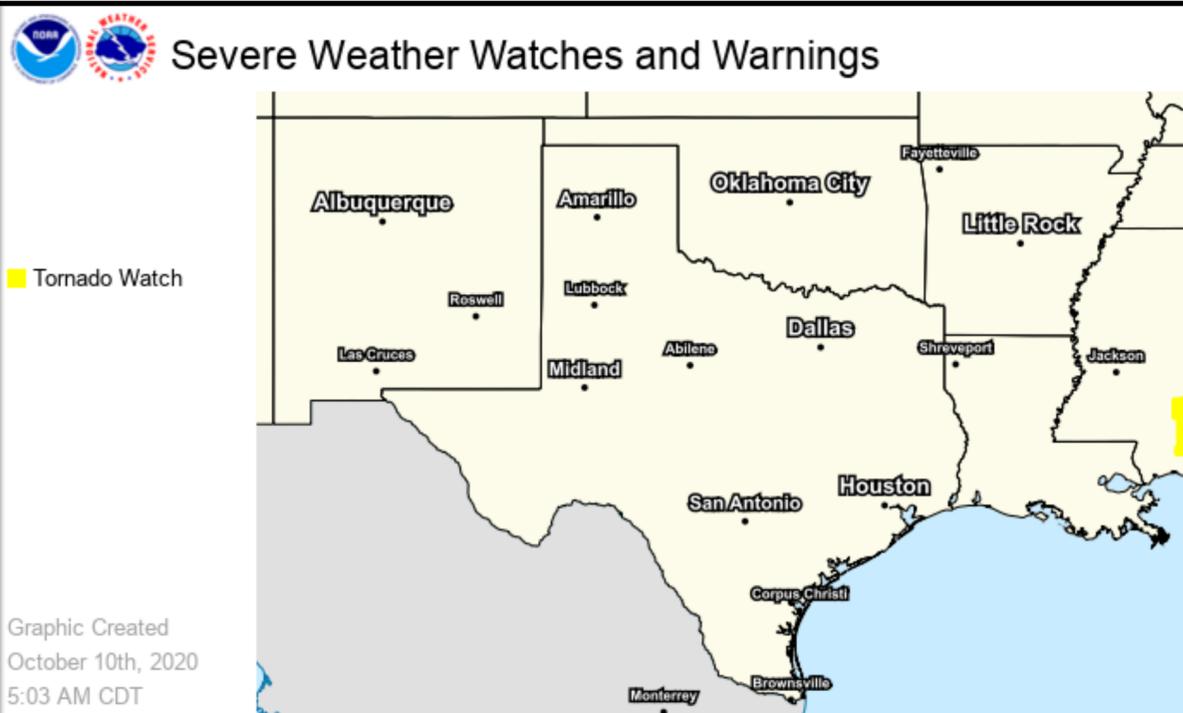


Watches, Warnings, and Advisories

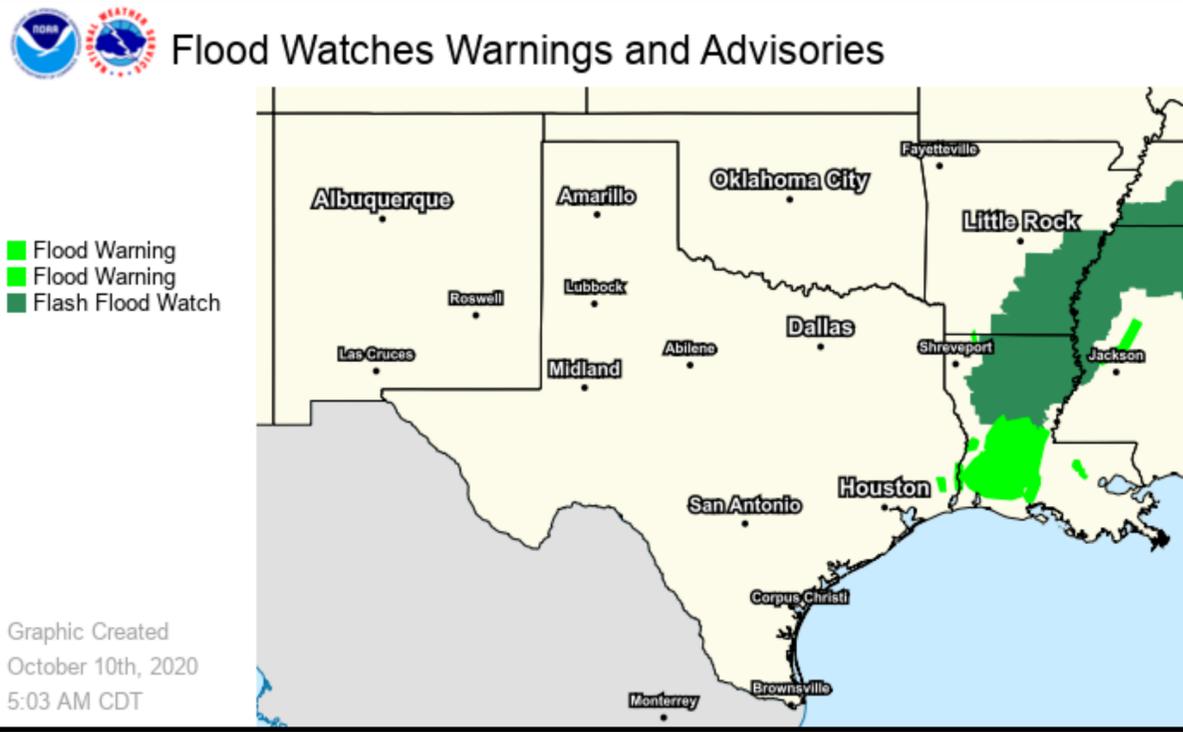
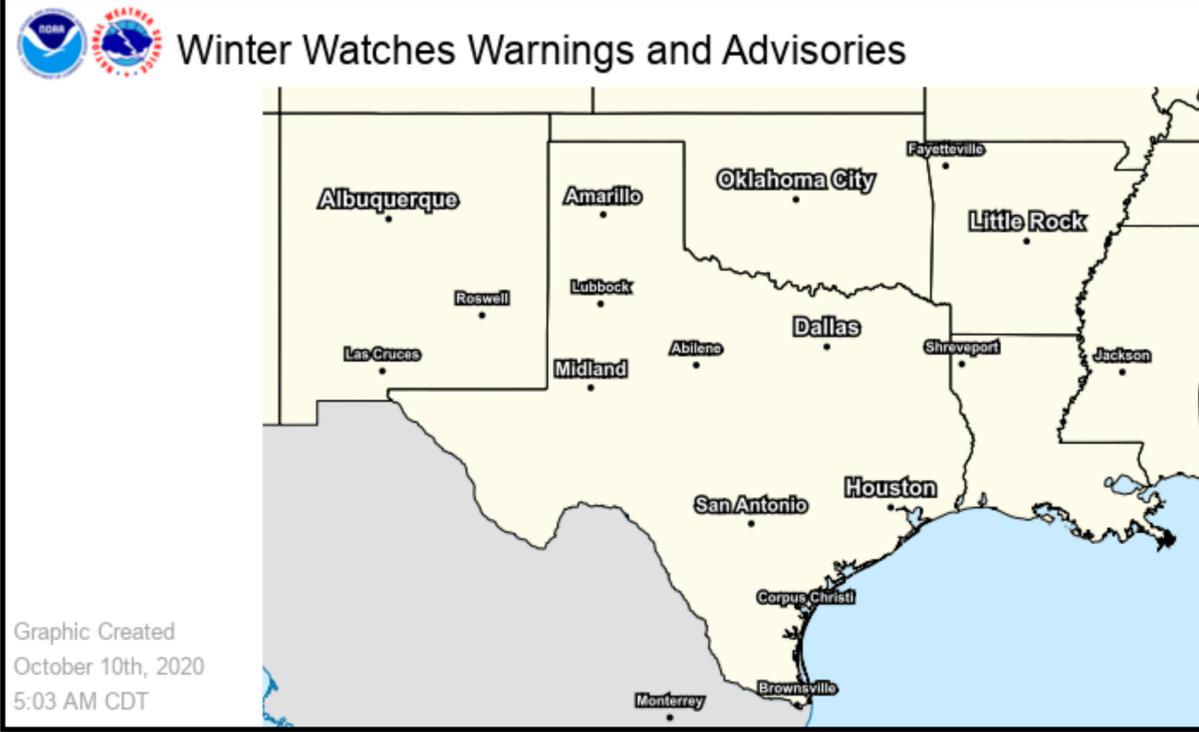


SR ROC
REGIONAL OPERATIONS CENTER

Wind, Severe, Winter, and Flood Hazards



Flash Flood Watches remain in effect today for N LA and E AR.



Tomorrow's Weather

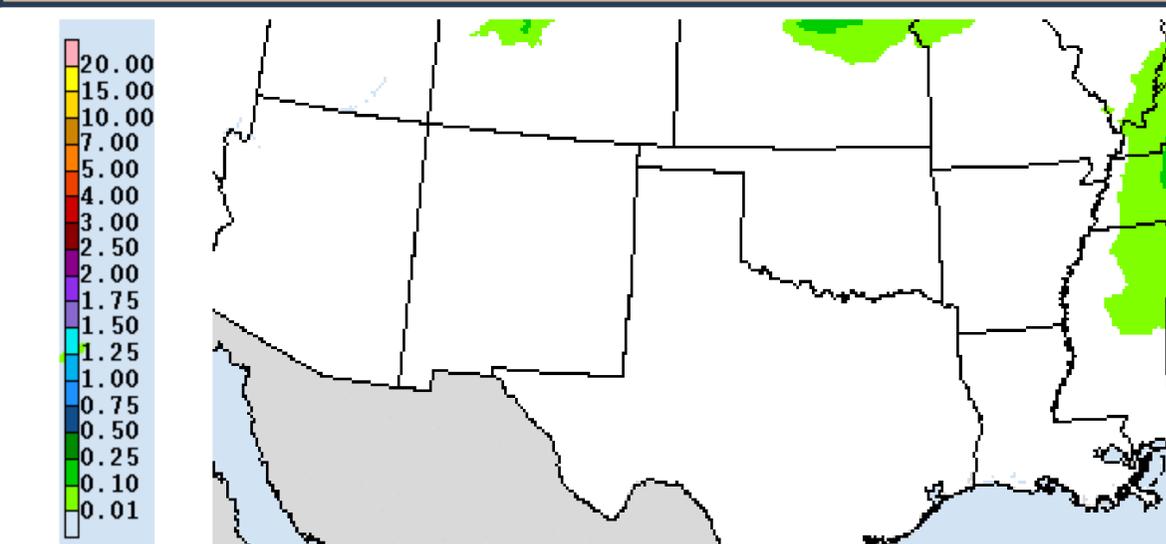
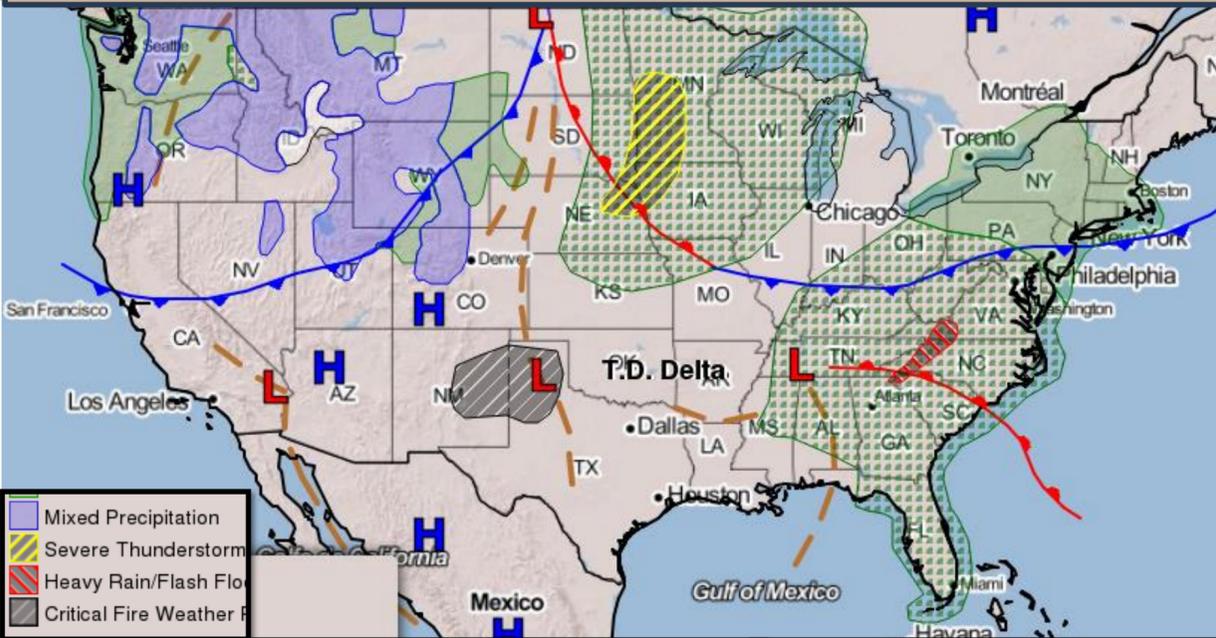


SR ROC
REGIONAL OPERATIONS CENTER

Forecast Chart

Forecast Rainfall

No significant weather expected.

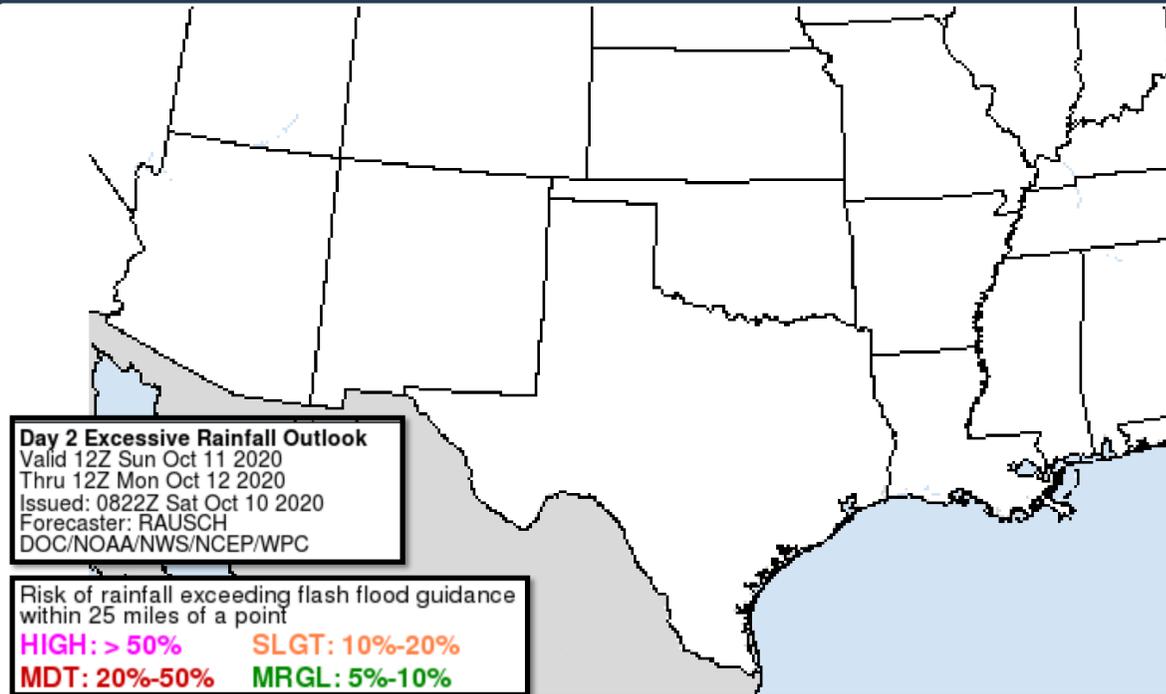


Weather Valid 8am EDT Sun Oct 11 2020 to 8am EDT Mon Oct 12 2020
Fronts Valid 8am EDT Sun Oct 11 2020
Issued 5:11 AM EDT Sat, Oct 10, 2020
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Putnam with WPC/SPC/NHC forecasts.

24-Hour Day 2 QPF
Valid 12Z Sun Oct 11 2020
Thru 12Z Mon Oct 12 2020
Issued: 0808Z Sat Oct 10 2020

Severe Weather Outlook

Excessive Rainfall Outlook



Day 2 Excessive Rainfall Outlook
Valid 12Z Sun Oct 11 2020
Thru 12Z Mon Oct 12 2020
Issued: 0822Z Sat Oct 10 2020
Forecaster: RAUSCH
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

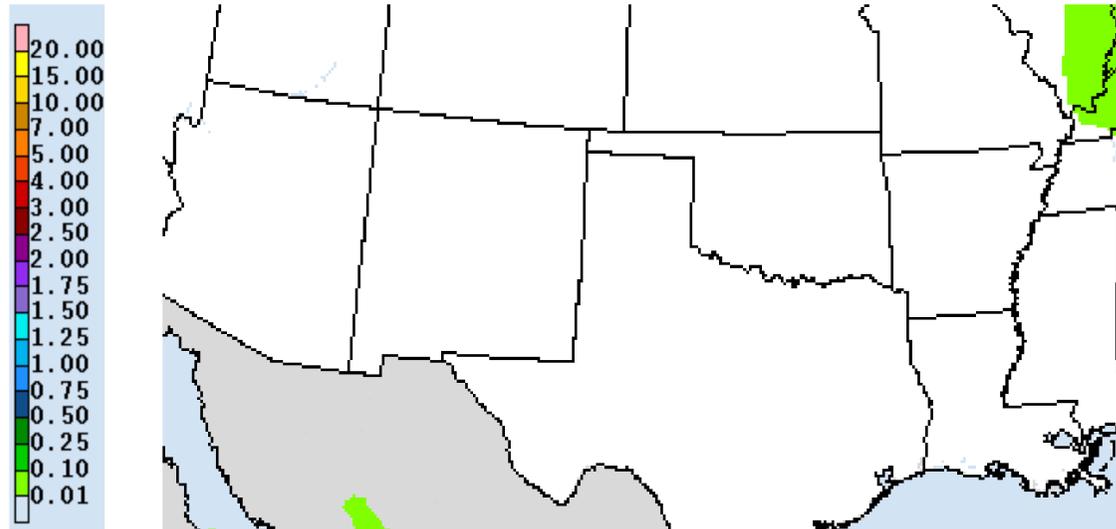
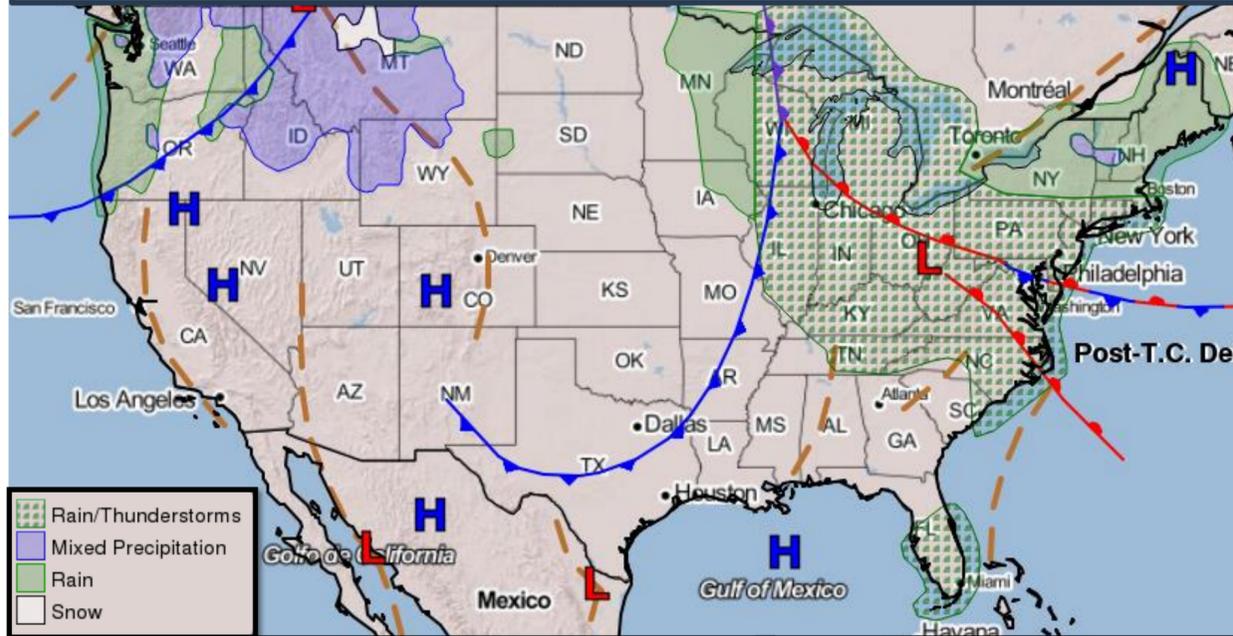


SR ROC
REGIONAL OPERATIONS CENTER

Forecast Chart

Forecast Rainfall

No significant weather expected.



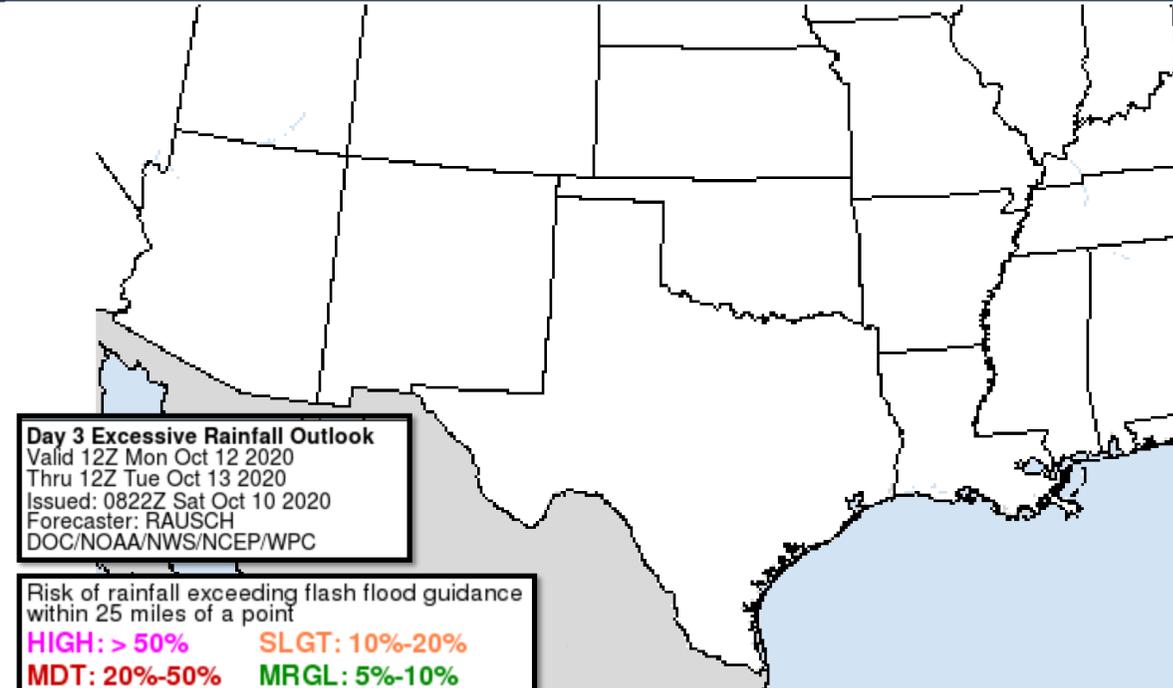
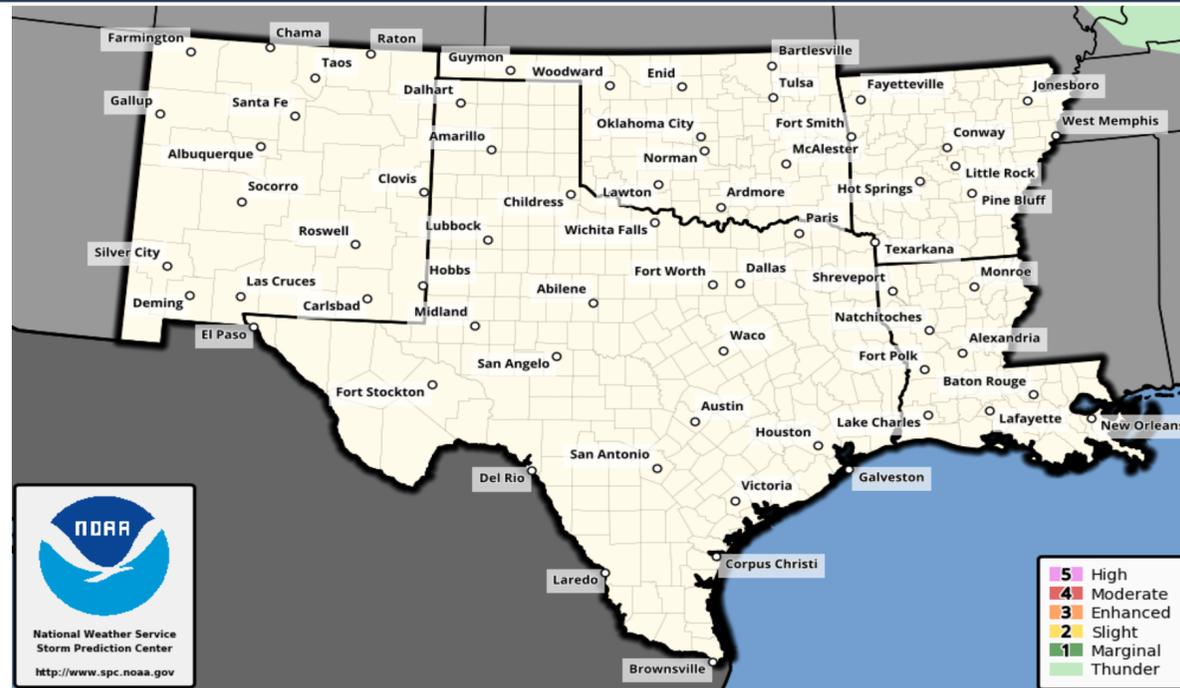
24-Hour Day 3 QPF
 Valid 12Z Mon Oct 12 2020
 Thru 12Z Tue Oct 13 2020
 Issued: 0808Z Sat Oct 10 2020

Weather Valid 8am EDT Mon Oct 12 2020 to 8am EDT Tue Oct 13 2020
 Fronts Valid 8am EDT Mon Oct 12 2020

Issued 5:19 AM EDT Sat, Oct 10, 2020
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by Putnam with WPC/SPC/NHC forecasts.

Severe Weather Outlook

Excessive Rainfall Outlook



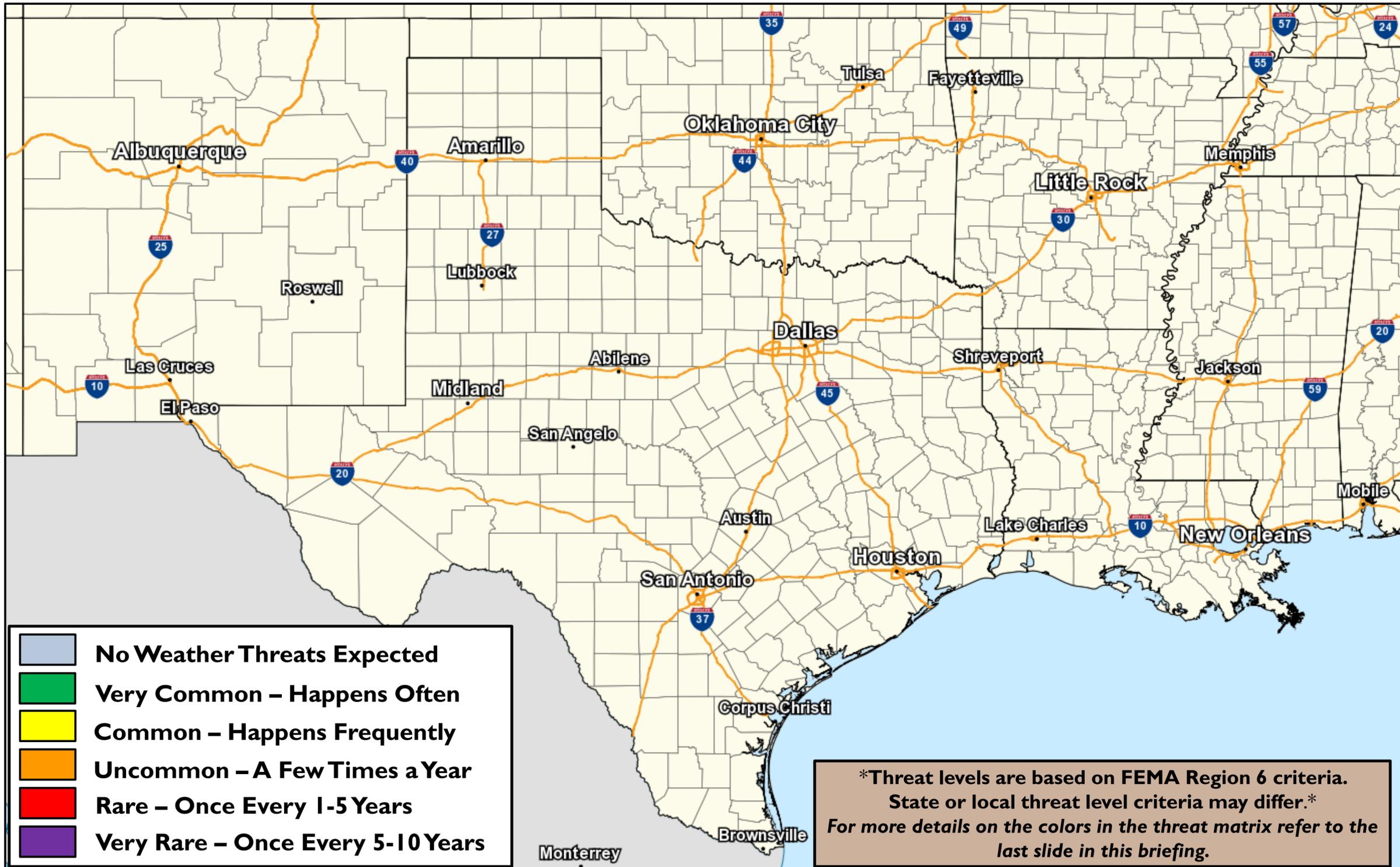
Days 4-5 Weather Hazards

Tuesday - Wednesday



SR ROC
REGIONAL OPERATIONS CENTER

No significant weather impacts expected.

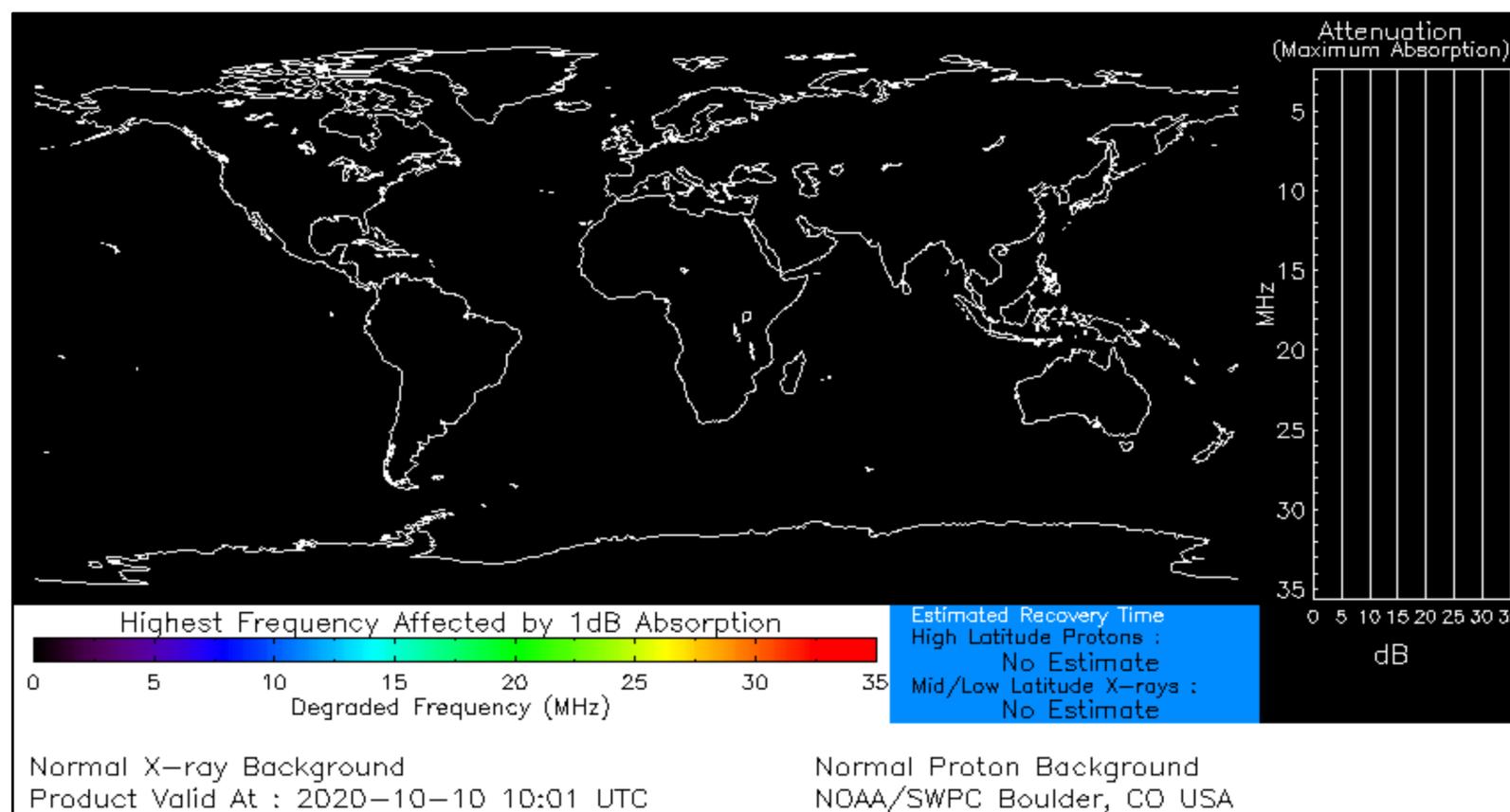


Space Weather 3-Day Forecast



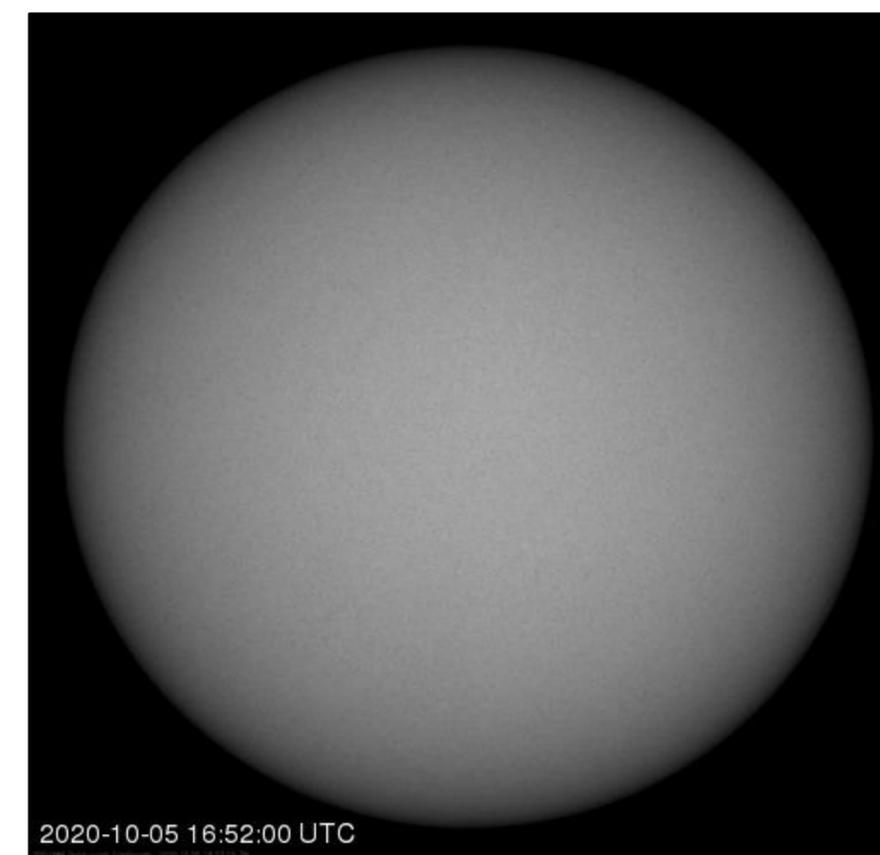
SR ROC
REGIONAL OPERATIONS CENTER

	Saturday	Sunday	Monday
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.