



FEMA



Prepared by

FEMA Region 6 Weather Threat Briefing

Tuesday September 8, 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.



- **Strong cold front late Today into Tomorrow**
 - **Areas of heavy rain/flash flooding across parts of NM, TX, and OK today through Thursday.**
 - **Snow accumulations with travel impacts in N NM.**
 - **Little to no snow accumulation for the W TX/OK Panhandles; however, windy conditions and record cold temperatures expected.**
- **Tropical Weather Outlook**
 - **No immediate US impacts from Paulette or Rene.**
 - **Two other areas are being monitored for possible tropical cyclone development. Neither expected to have impacts to FEMA VI over the next 5 days.**

FEMA Region 6 Threat Matrix

Sep 8, 2020 - Sep 12, 2020



SR ROC
REGIONAL OPERATIONS CENTER

DAY / THREAT	Tue	Wed	Thu	Fri	Sat
Severe Storms					
Heavy Rain / Flash Flooding	SW OK, SE NM W&NW TX	W OK/NW TX West Central TX	SW TX West Central TX		
Fire Weather	NW NM				
Tropical Winds / Surge					
Winter Weather	N NM	N NM			
	W TX/OK Panhandles	W TX/OK Panhandles			
River Flooding	AR	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



SR ROC
REGIONAL OPERATIONS CENTER

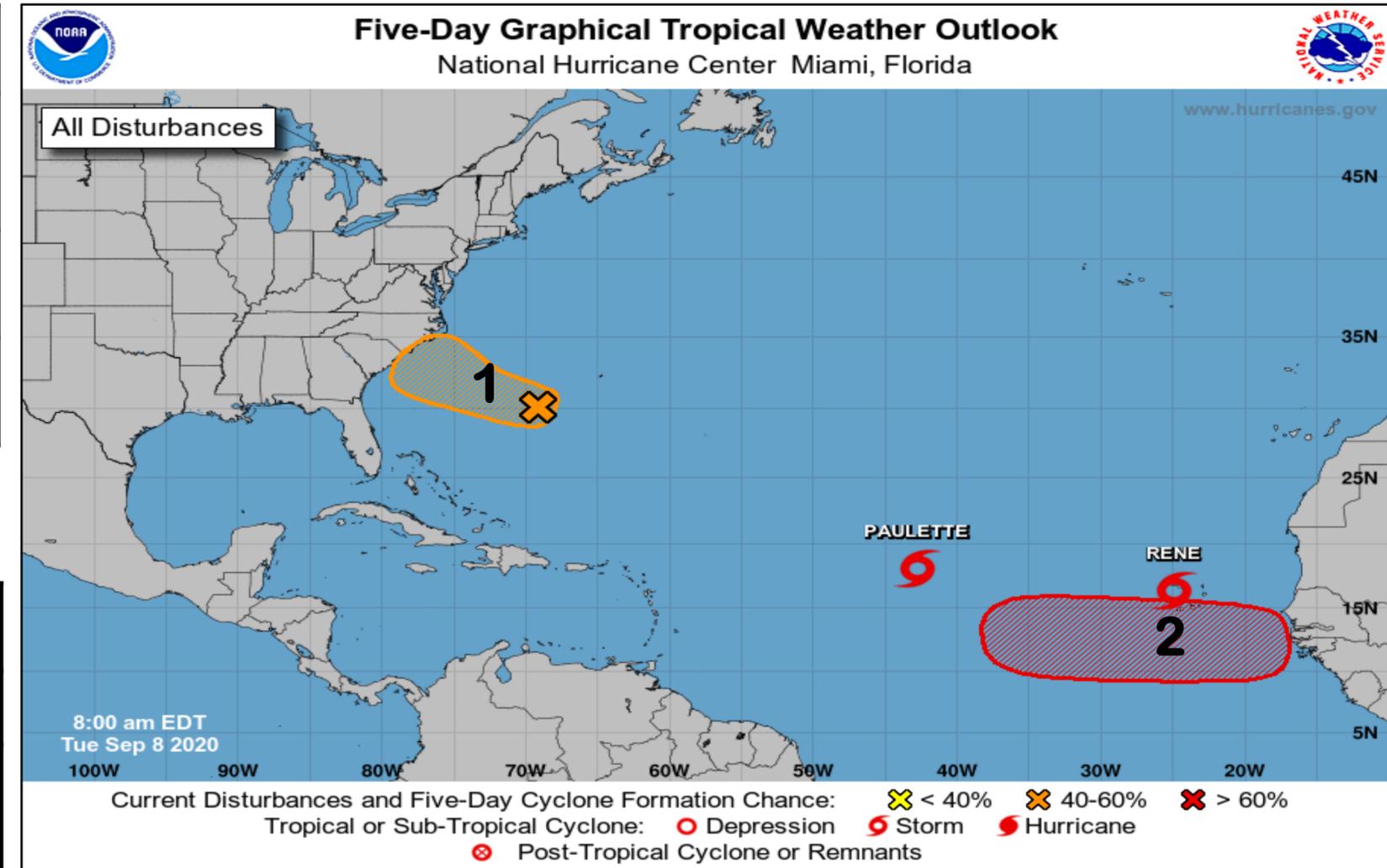
See next slide for more information

Areas of Possible Development

Area	Chance of Development	Potential Impacts to FEMA 6
1	Medium	None.
2	High	None in the next 5 days.

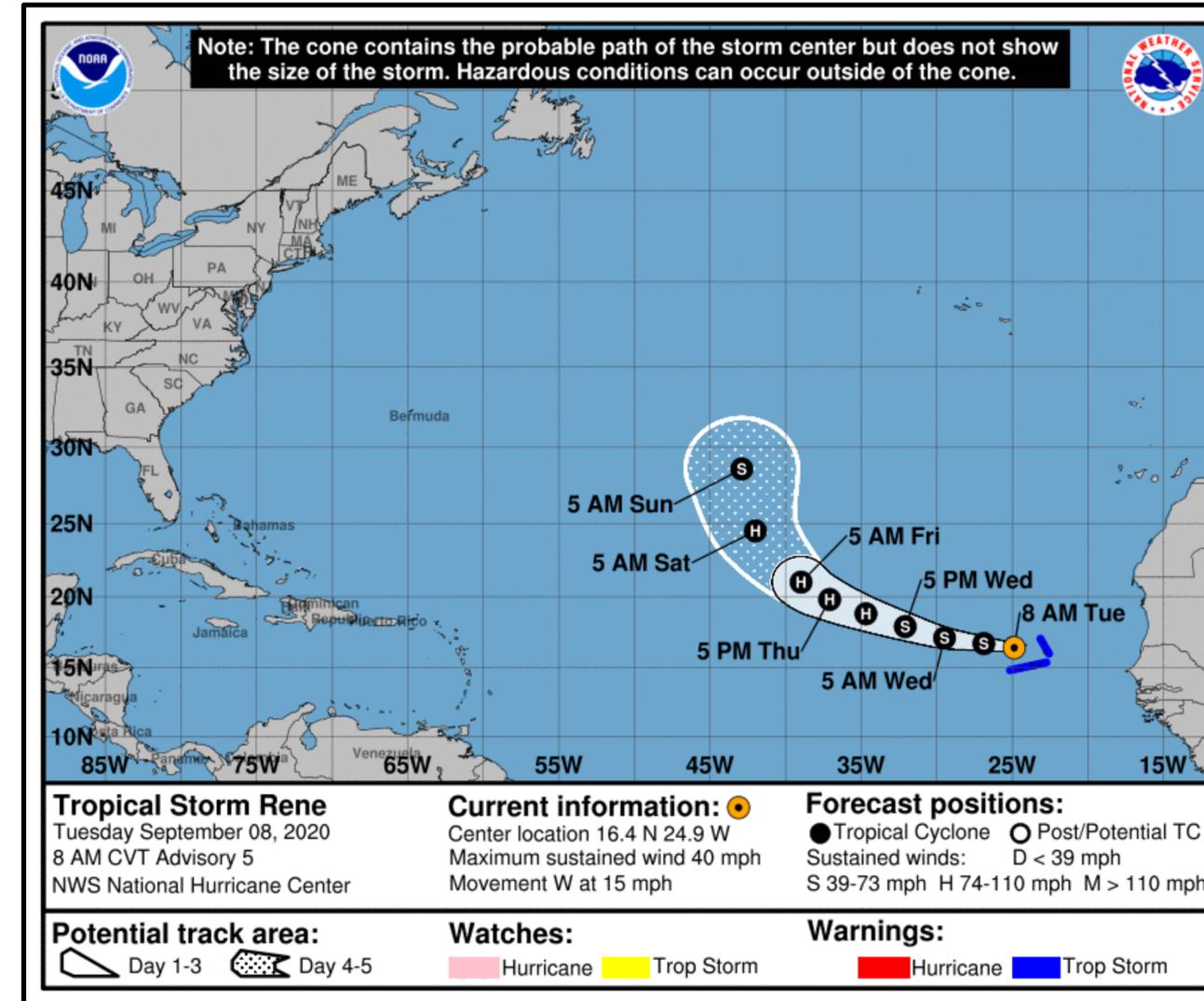
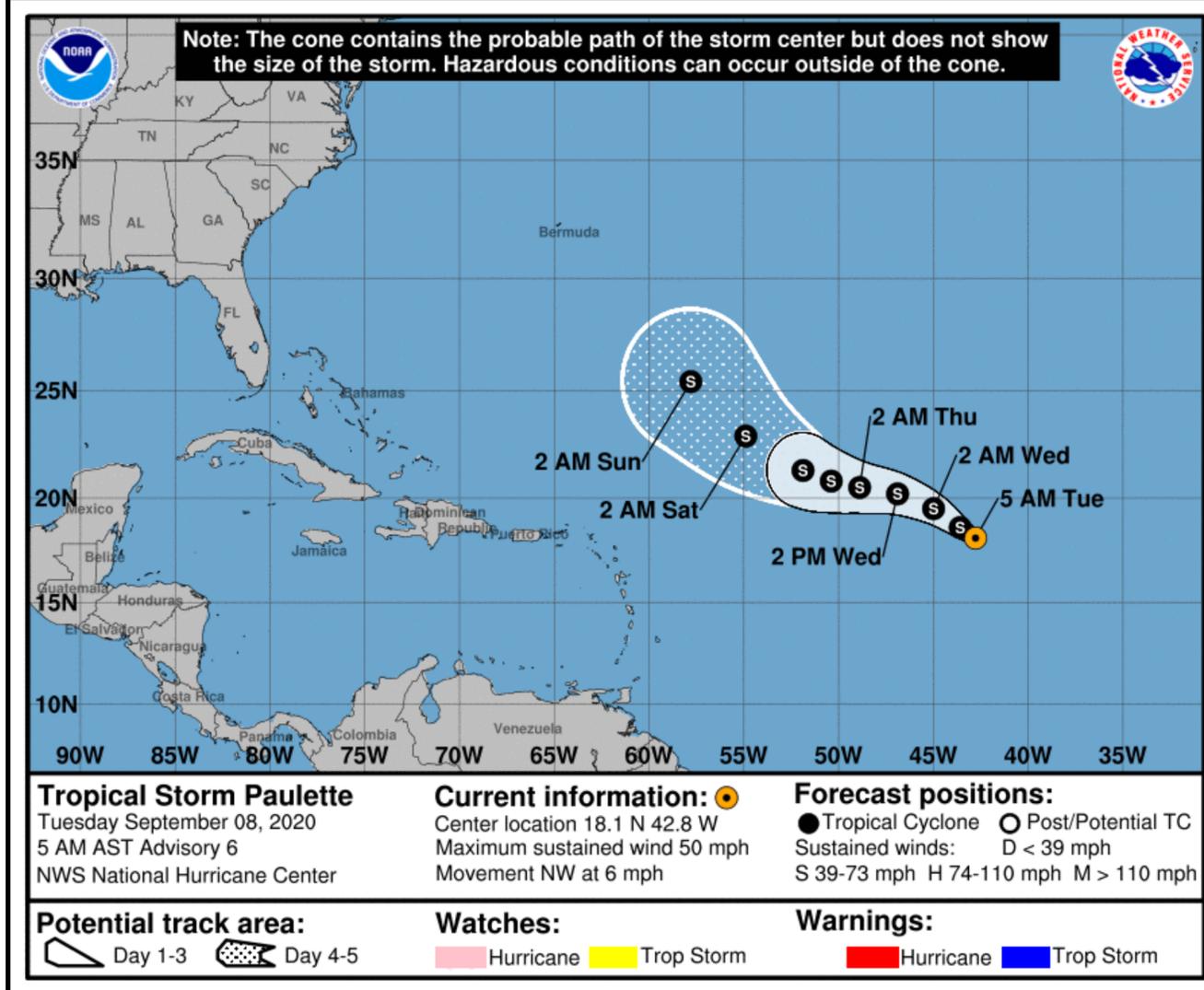
Active Tropical Cyclones

Storm	Potential Impacts to FEMA 6
Paulette	None in the next 5 days.
Rene	None in the next 5 days.



**Tropical Storm Paulette will move slowly northwestward over the central Atlantic over the next five days.
No immediate US impacts.**

**Tropical Storm Rene will move westward over the eastern Atlantic the next couple of days and then Rene will strengthen to a Hurricane and move northwestward into the central Atlantic.
No immediate US impacts.**

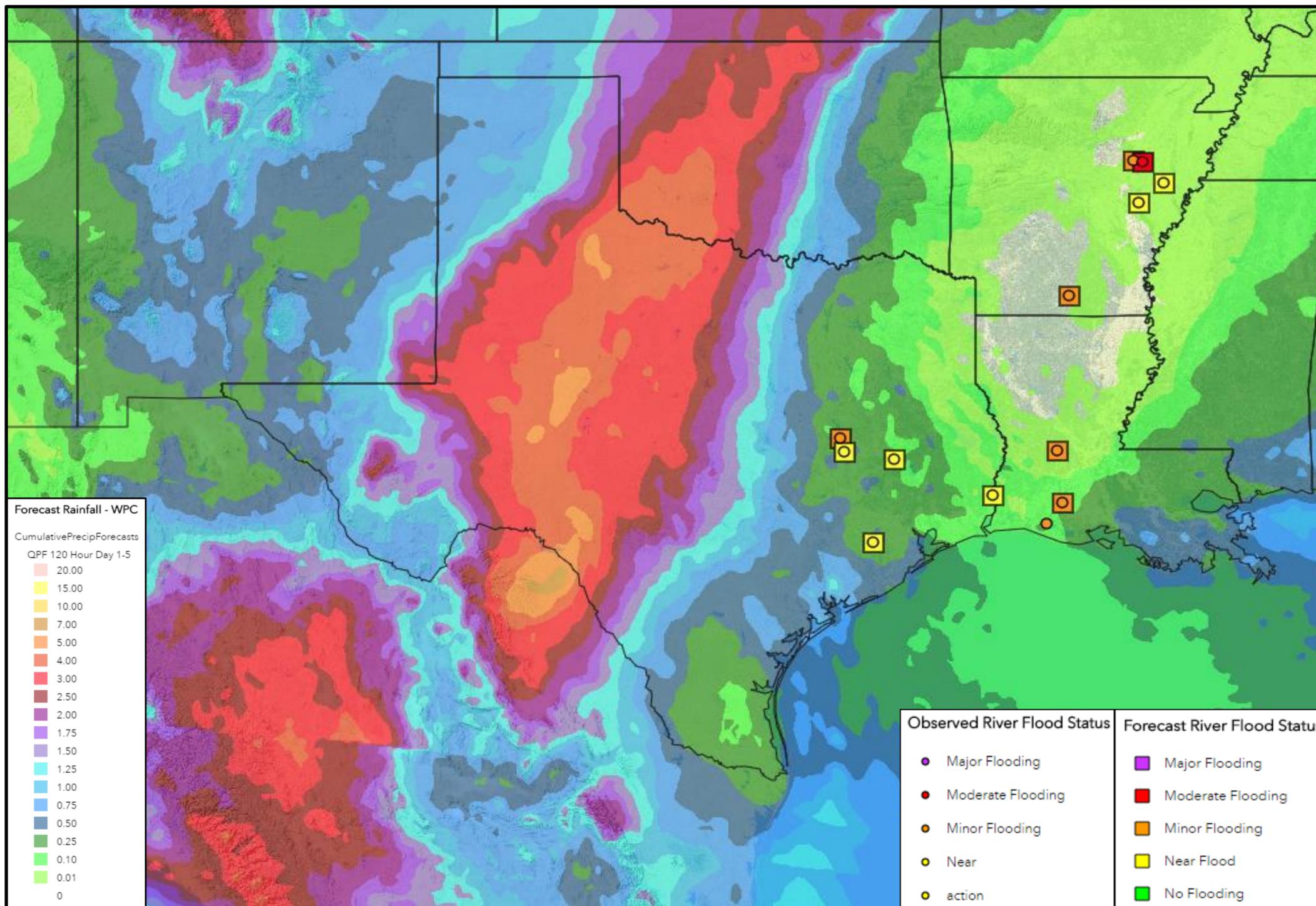


5-Day Precipitation Forecast & River Flood Status



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



Minor river flooding will continue in portions of AR this week with minor local impacts, primarily to agricultural, wooded, and/or low lying areas.

The Cache River at Patterson in northeast AR remains in moderate flood. Many acres of cropland, pastures, and timberland flooded in Craighead, Jackson, and Woodruff counties. Recreational areas and roadways will flood. Water near homes on Pine Street in Patterson.

The forecast rainfall this week for OK into west/northwest TX is not expected to result in significant river flooding. Many of these areas are drought stricken, so this will be welcome rainfall. Action stage to minor river flooding is possible.

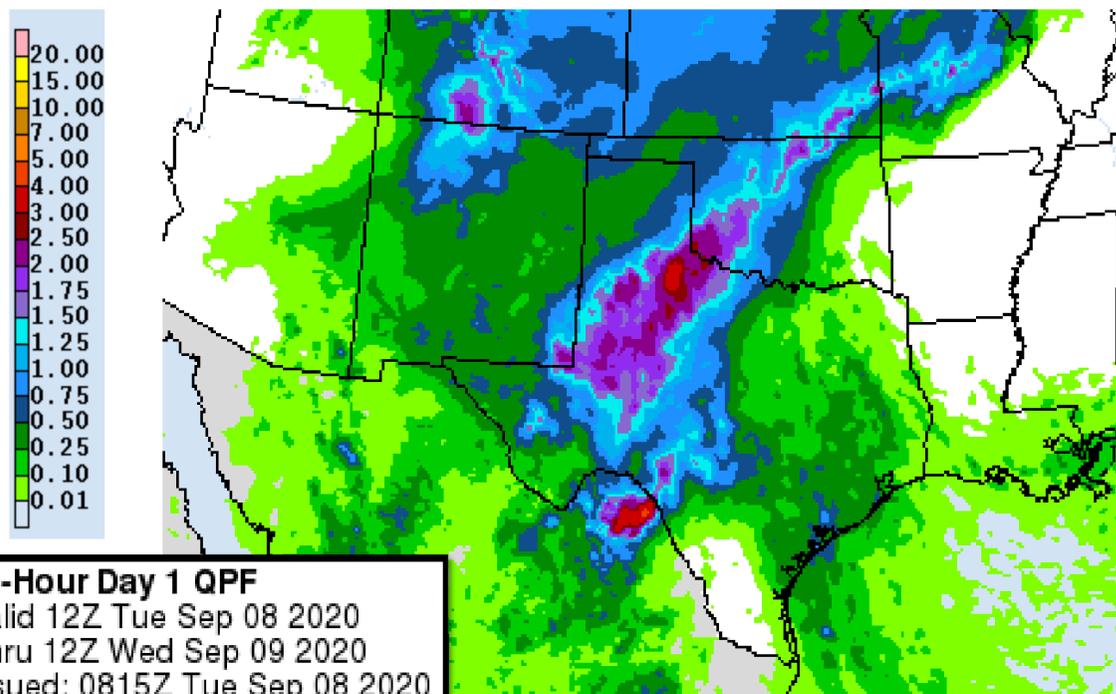
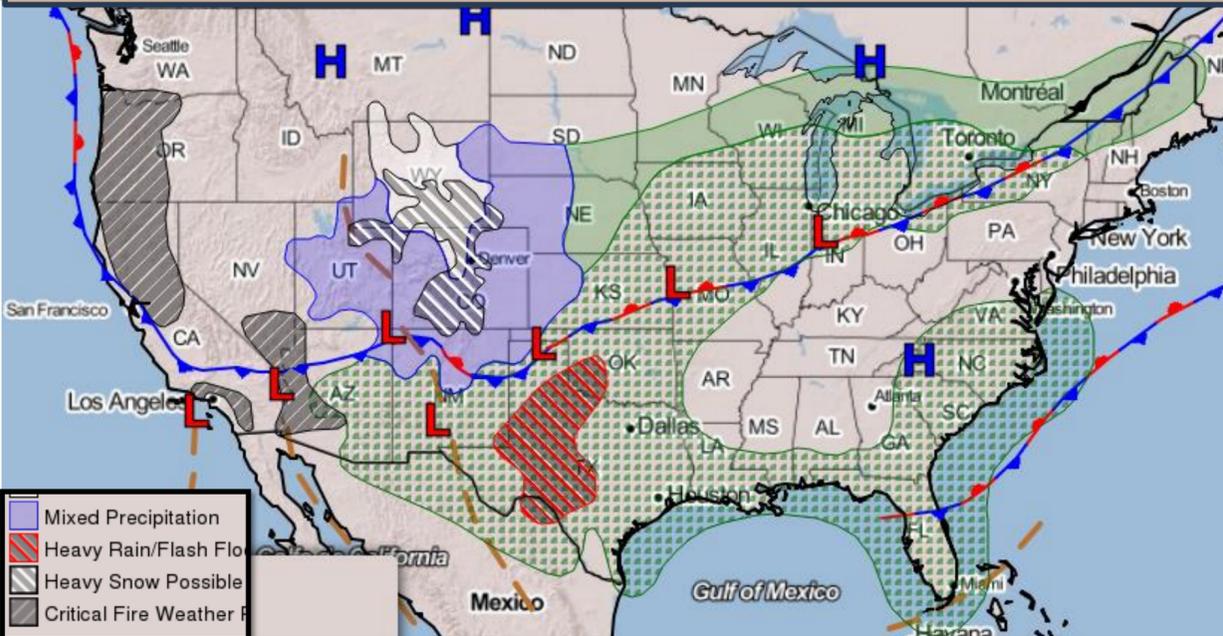
Today's Weather



SR ROC
REGIONAL OPERATIONS CENTER

Forecast Chart

Forecast Rainfall



Weather Valid 8am EDT Tue Sep 08 2020 to 8am EDT Wed Sep 09 2020
Fronts Valid 8am EDT Tue Sep 08 2020
Issued 4:53 AM EDT Tue, Sep 08, 2020
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Tate with WPC/SPC/NHC forecasts.

24-Hour Day 1 QPF
Valid 12Z Tue Sep 08 2020
Thru 12Z Wed Sep 09 2020
Issued: 0815Z Tue Sep 08 2020

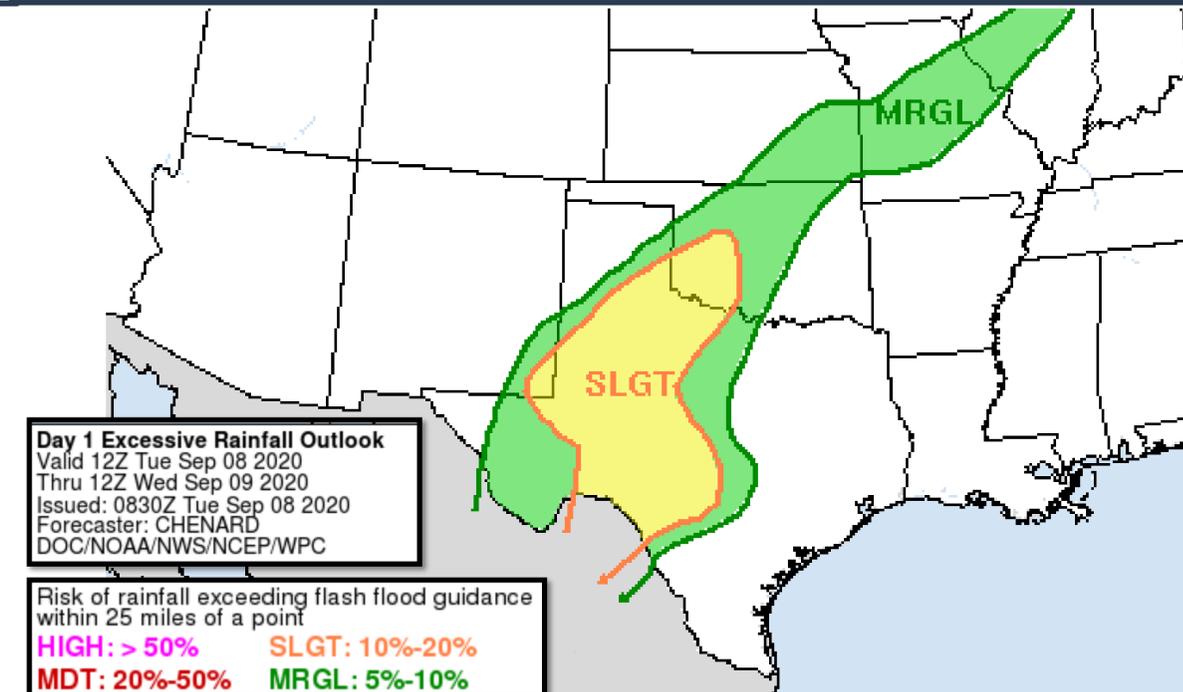
Areas of heavy rain/flash flooding across SW OK into west/northwest TX and SE NM.

Snow accumulations with travel impacts in N NM.

Little to no snow accumulation for the TX/OK Panhandles; however, windy conditions and record cold temperatures expected.

Severe Weather Outlook

Excessive Rainfall Outlook



Day 1 Excessive Rainfall Outlook
Valid 12Z Tue Sep 08 2020
Thru 12Z Wed Sep 09 2020
Issued: 0830Z Tue Sep 08 2020
Forecaster: CHENARD
DOC/NOAA/NWS/NCEP/WPC

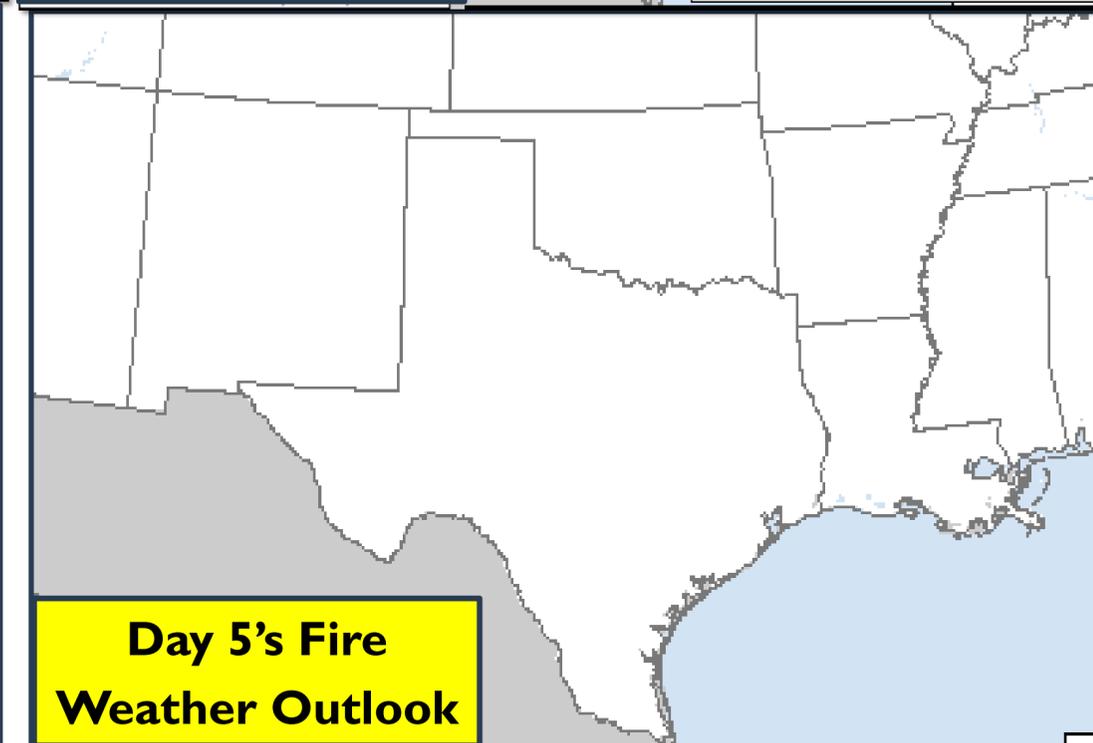
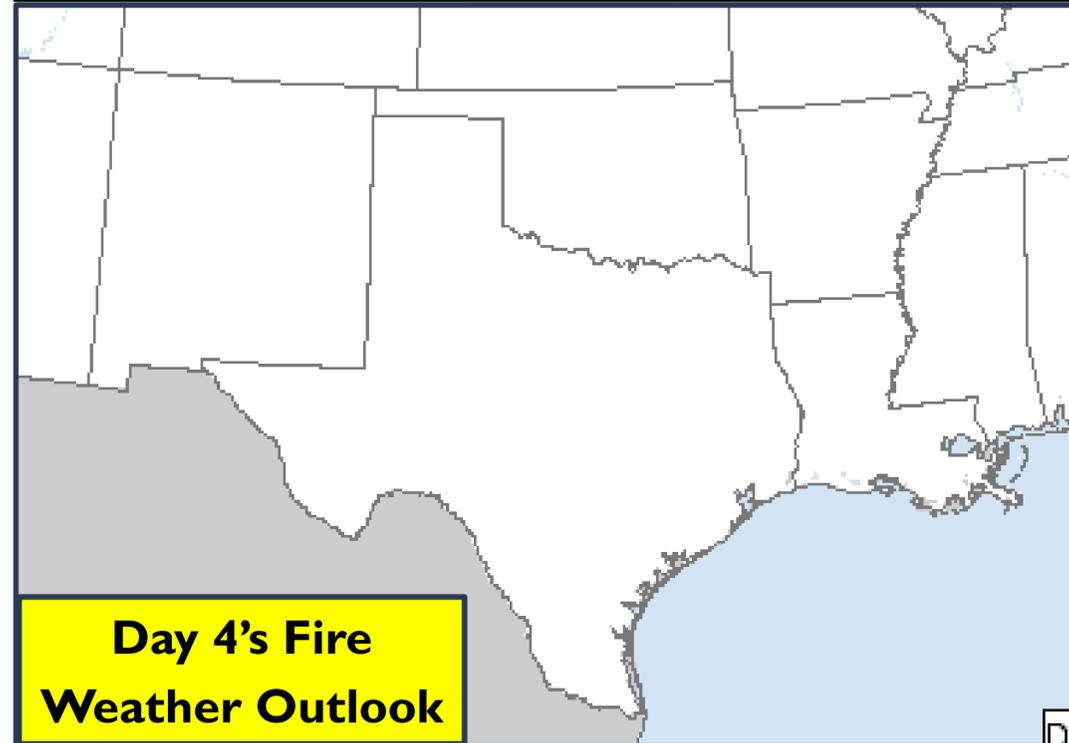
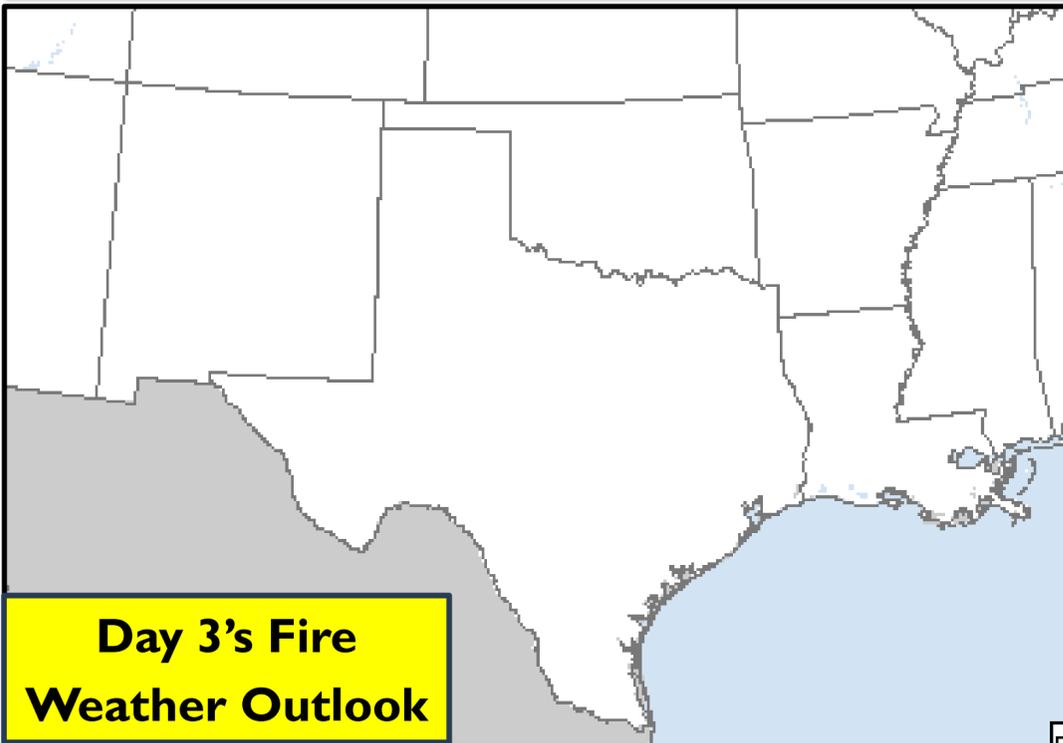
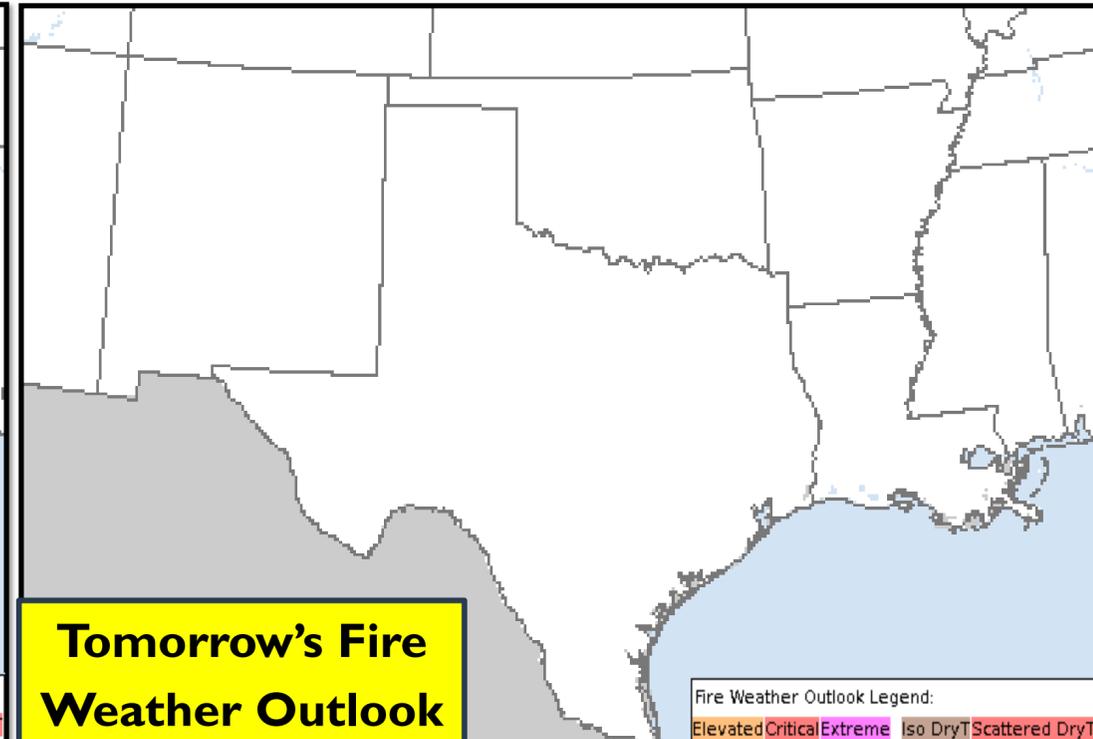
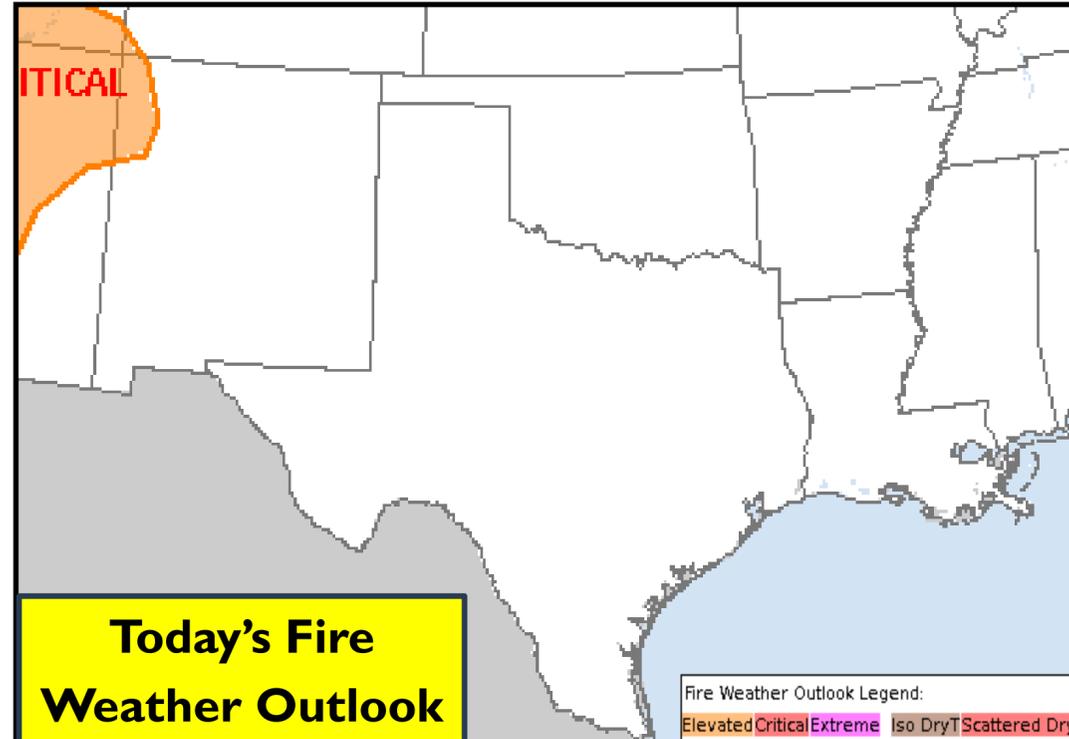
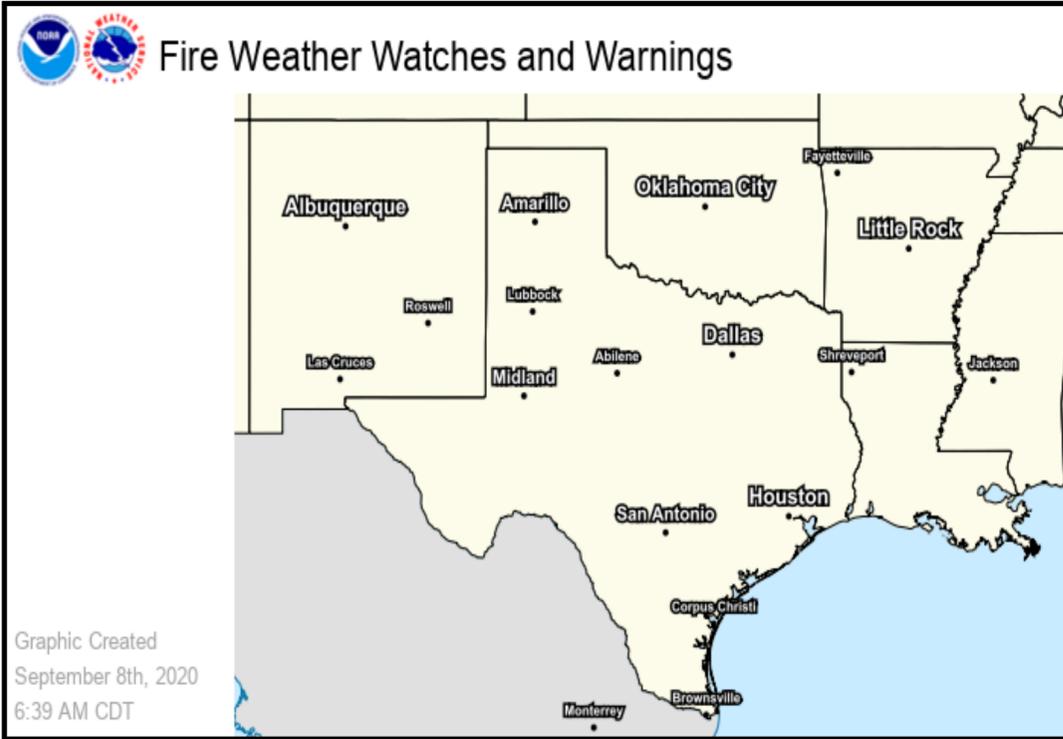
Risk of rainfall exceeding flash flood guidance within 25 miles of a point
HIGH: > 50% **SLGT: 10%-20%**
MDT: 20%-50% **MRGL: 5%-10%**



Fire Weather Outlooks



SR ROC
REGIONAL OPERATIONS CENTER



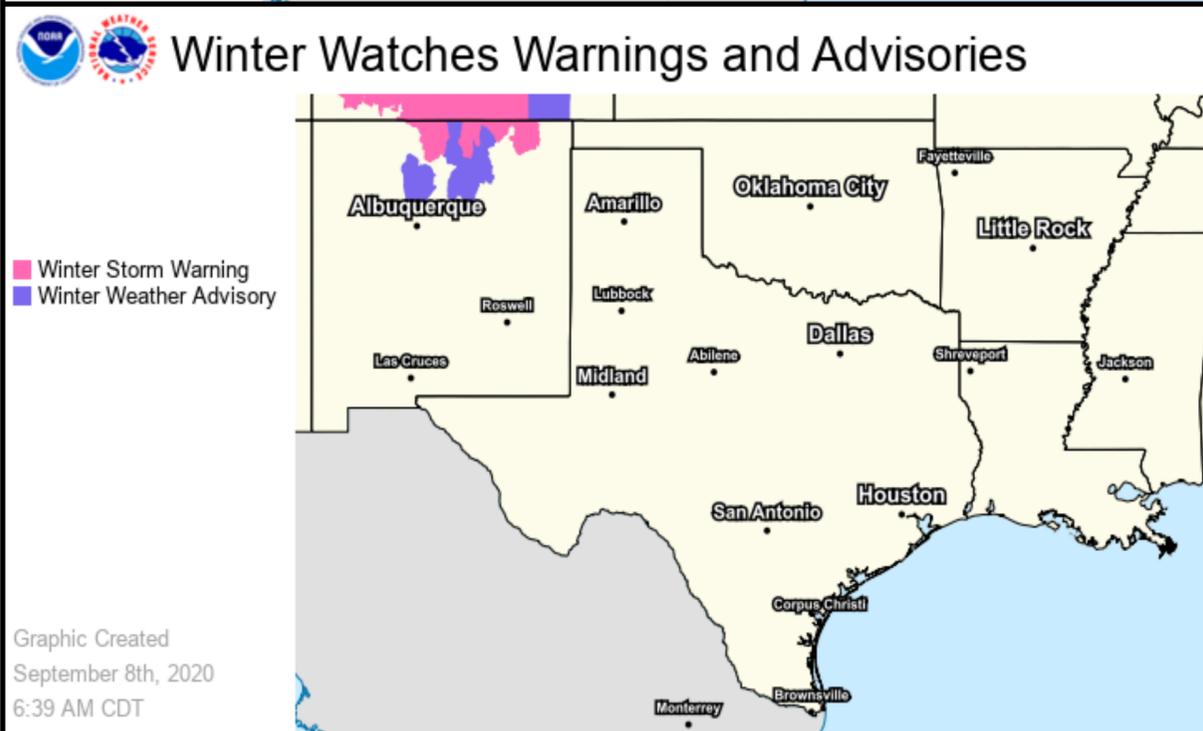
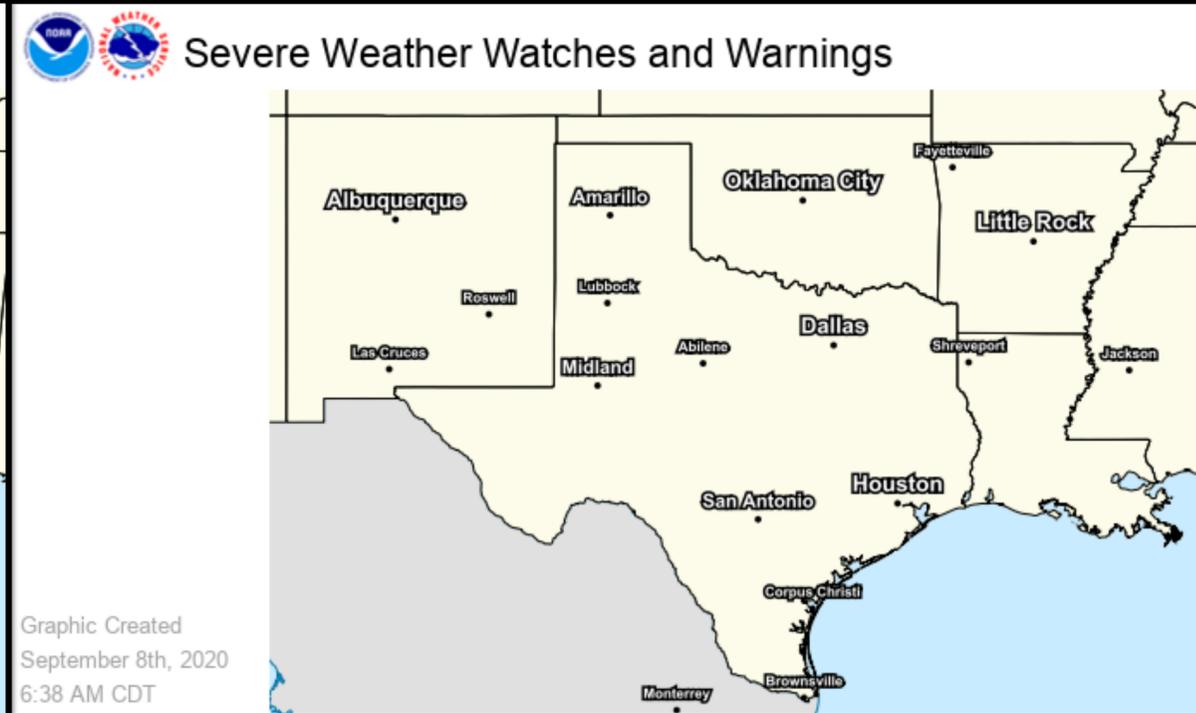
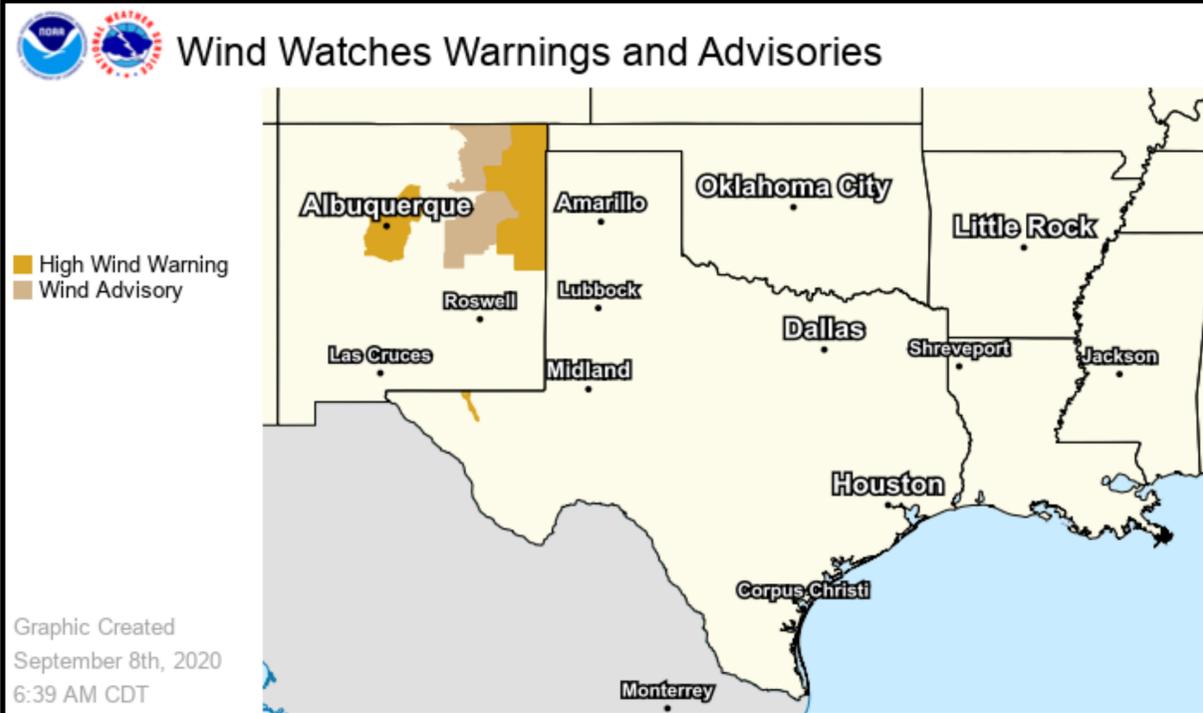
Watches, Warnings, and Advisories



SR ROC
REGIONAL OPERATIONS CENTER

Wind, Severe, Winter, and Flood Hazards

Winter Storm Warnings and High Wind Warnings in effect for portions of NM today into Wednesday.



Winter Weather

Tuesday - Thursday



SR ROC
REGIONAL OPERATIONS CENTER

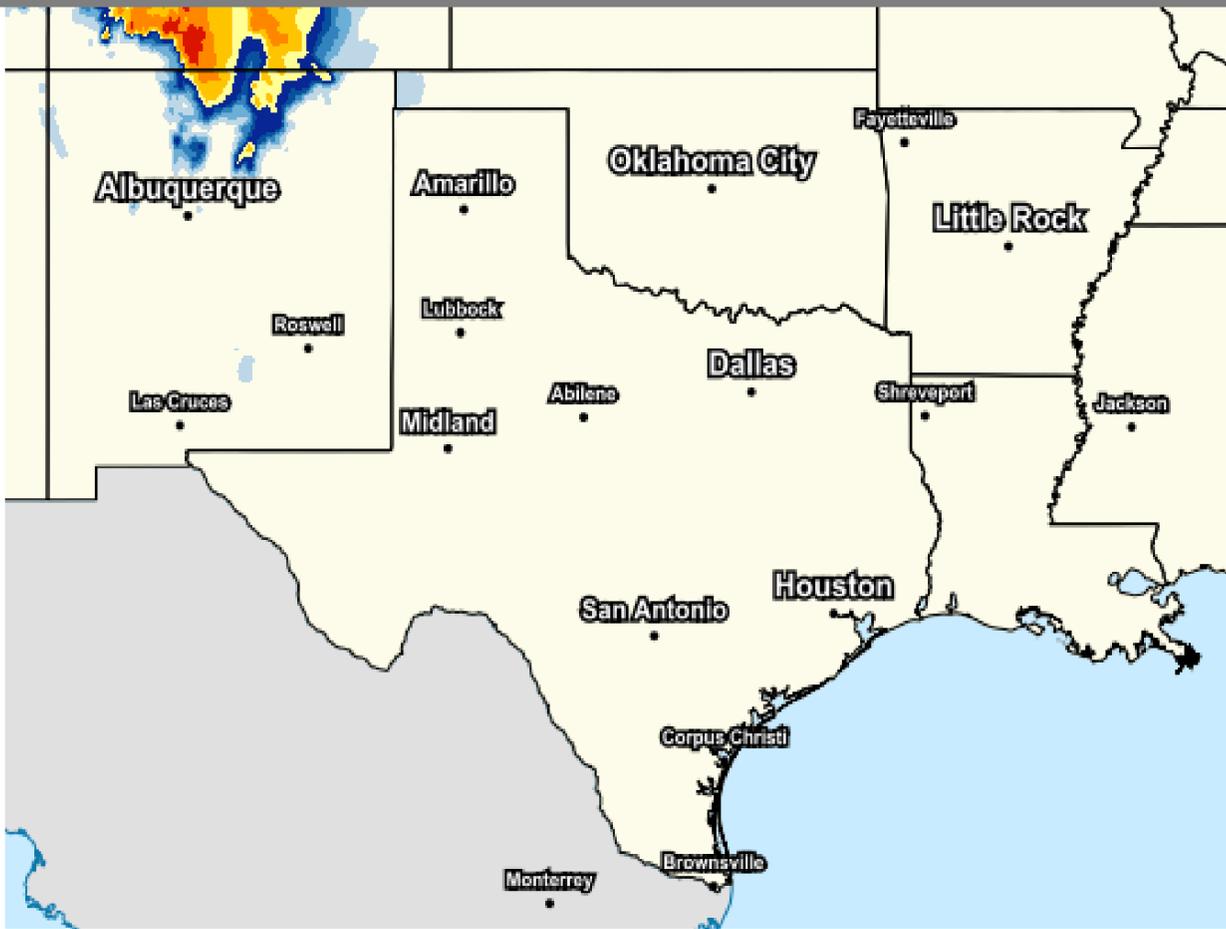
Forecast Snow Amounts



Forecast Snowfall

Valid Ending Thursday September 10th, 2020 at 7 PM CDT

- Less than an inch
- 1 to 2 inches
- 2 to 3 inches
- 3 to 4 inches
- 4 to 6 inches
- 6 to 8 inches
- 8 to 12 inches
- 12 to 18 inches
- 18 to 24 inches
- 24 to 30 inches
- 30 to 36 inches
- Greater than 36 inches



Graphic Created
September 8th, 2020
6:39 AM CDT

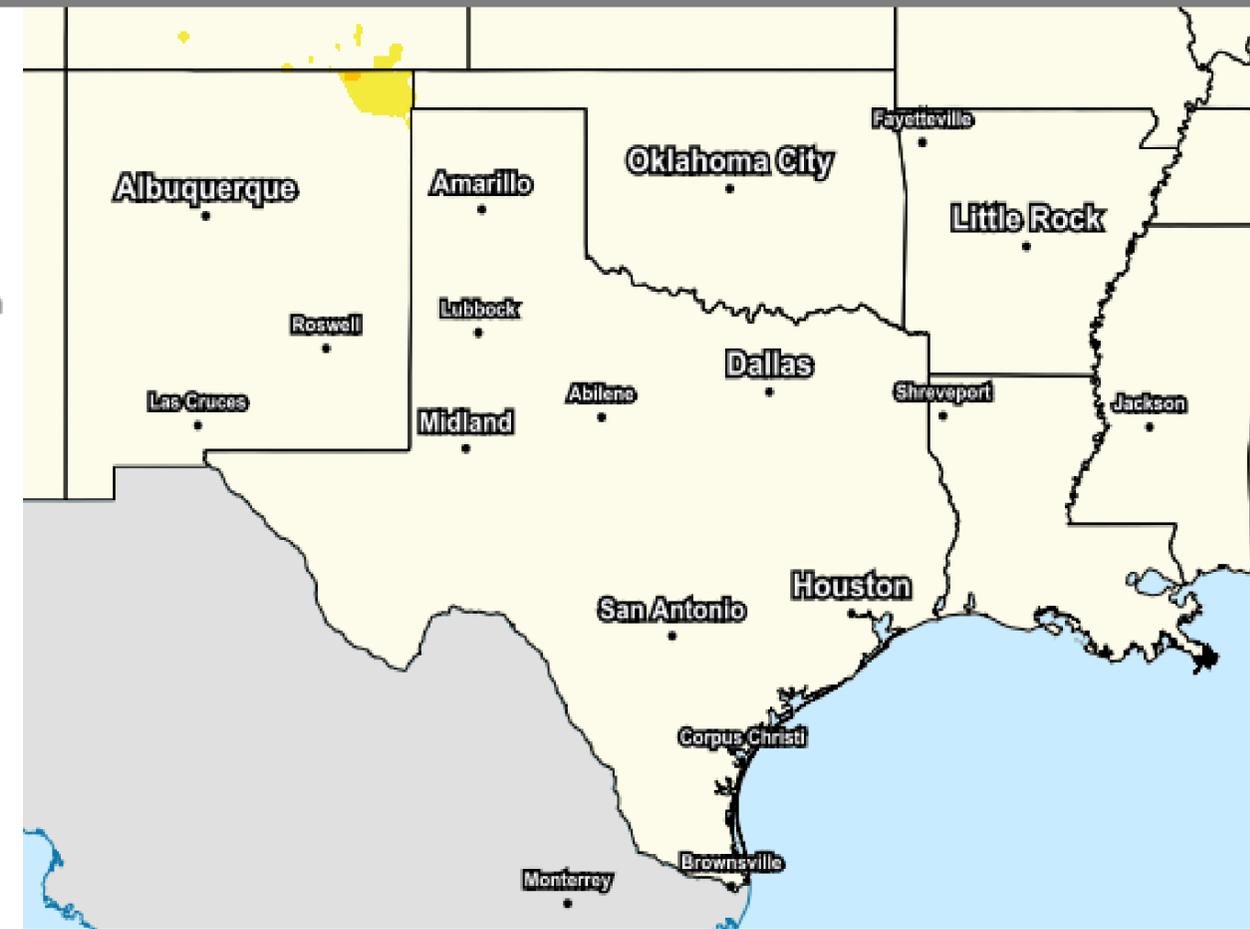
Forecast Ice Amounts



Ice Accumulation Forecast

Valid Ending Thursday September 10th, 2020 at 7 PM CDT

- 0.01 to 0.10 inch
- 0.10 to 0.25 inch
- 0.25 to 0.50 inch
- 0.50 to 0.75 inch
- 0.75 to 1.0 inch
- 1.0 to 2.0 inch
- Greater than 2.0 inch



Graphic Created
September 8th, 2020
6:39 AM CDT

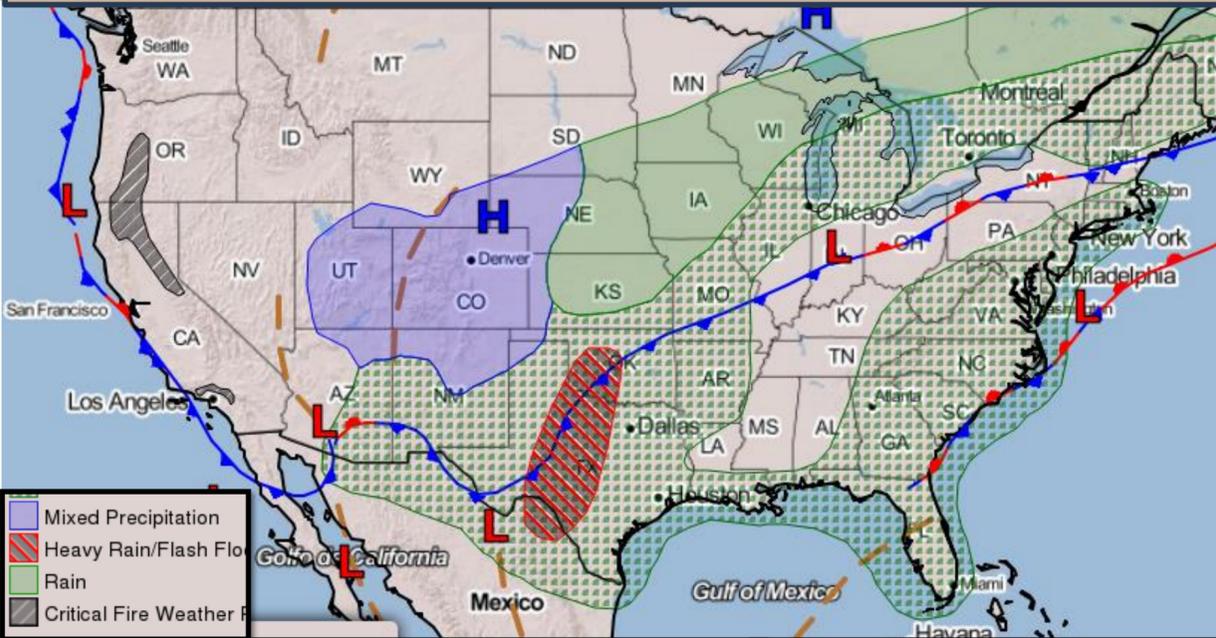
Tomorrow's Weather



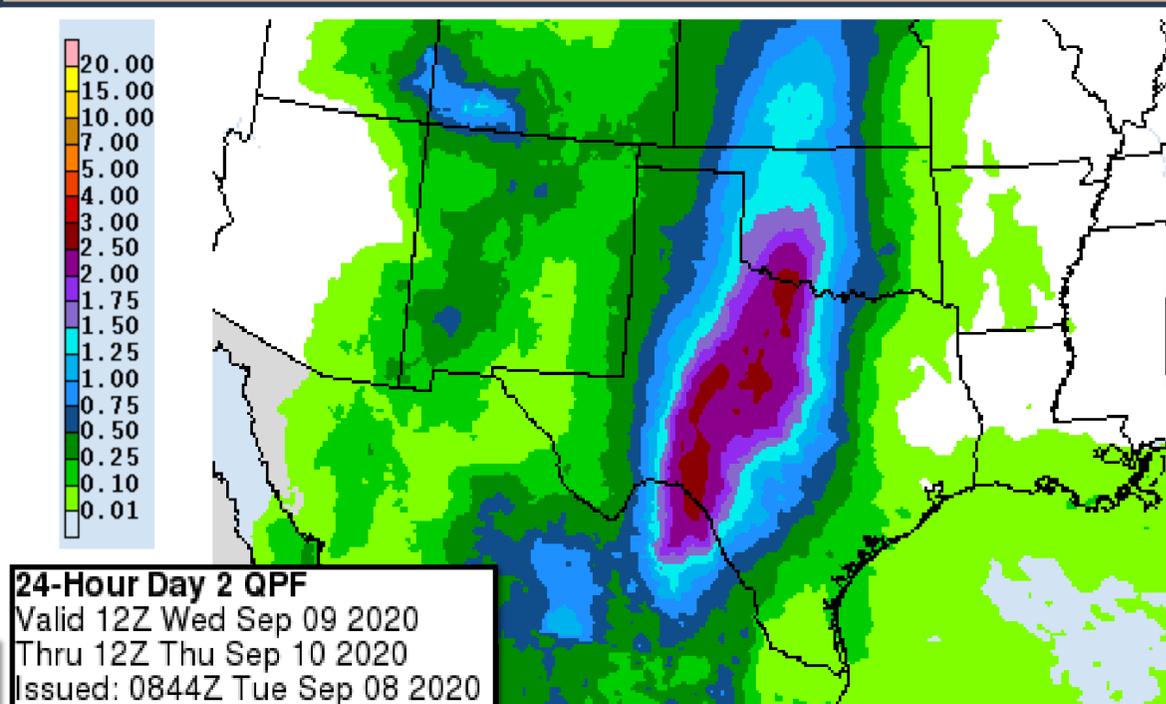
SR ROC
REGIONAL OPERATIONS CENTER

Forecast Chart

Forecast Rainfall



Weather Valid 8am EDT Wed Sep 09 2020 to 8am EDT Thu Sep 10 2020
Fronts Valid 8am EDT Wed Sep 09 2020
Issued 4:55 AM EDT Tue, Sep 08, 2020
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Zavodoff with WPC/SPC/NHC forecasts.



24-Hour Day 2 QPF
Valid 12Z Wed Sep 09 2020
Thru 12Z Thu Sep 10 2020
Issued: 0844Z Tue Sep 08 2020

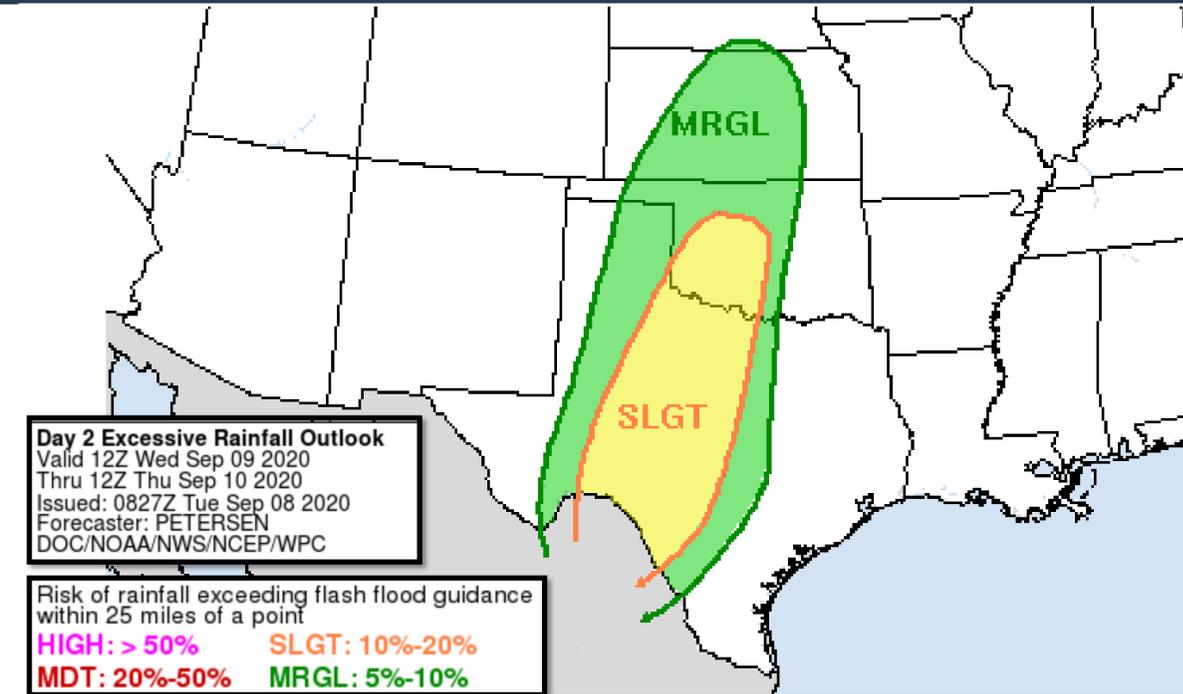
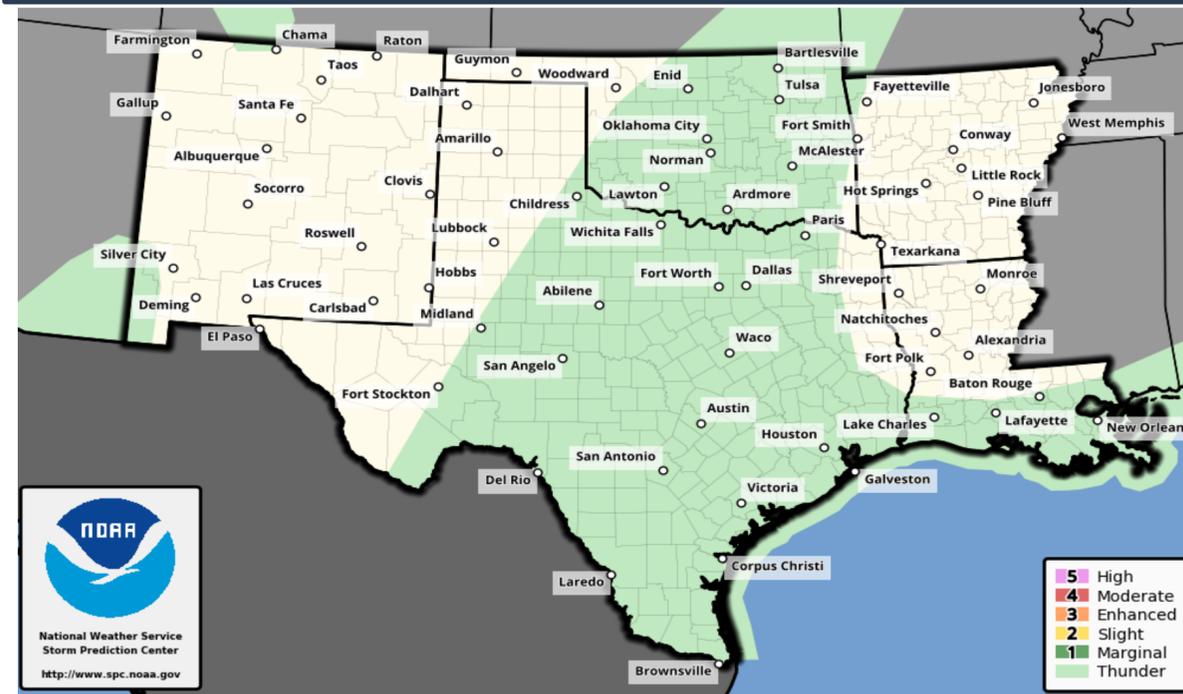
Areas of heavy rain/flash flooding across W OK into west central/northwest TX.

Snow accumulations with travel impacts in N NM.

Little to no snow accumulation for the TX/OK Panhandles; however, windy conditions and record cold temperatures expected.

Severe Weather Outlook

Excessive Rainfall Outlook



Day 2 Excessive Rainfall Outlook
Valid 12Z Wed Sep 09 2020
Thru 12Z Thu Sep 10 2020
Issued: 0827Z Tue Sep 08 2020
Forecaster: PETERSEN
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%**

Thursday's Weather

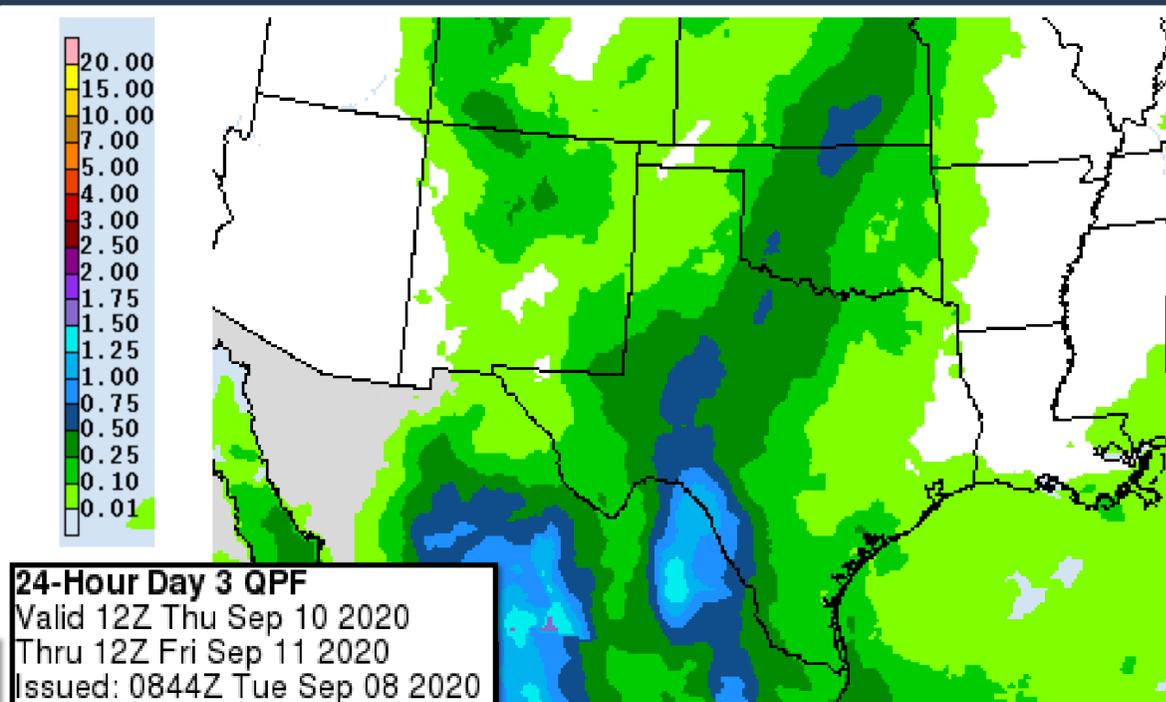
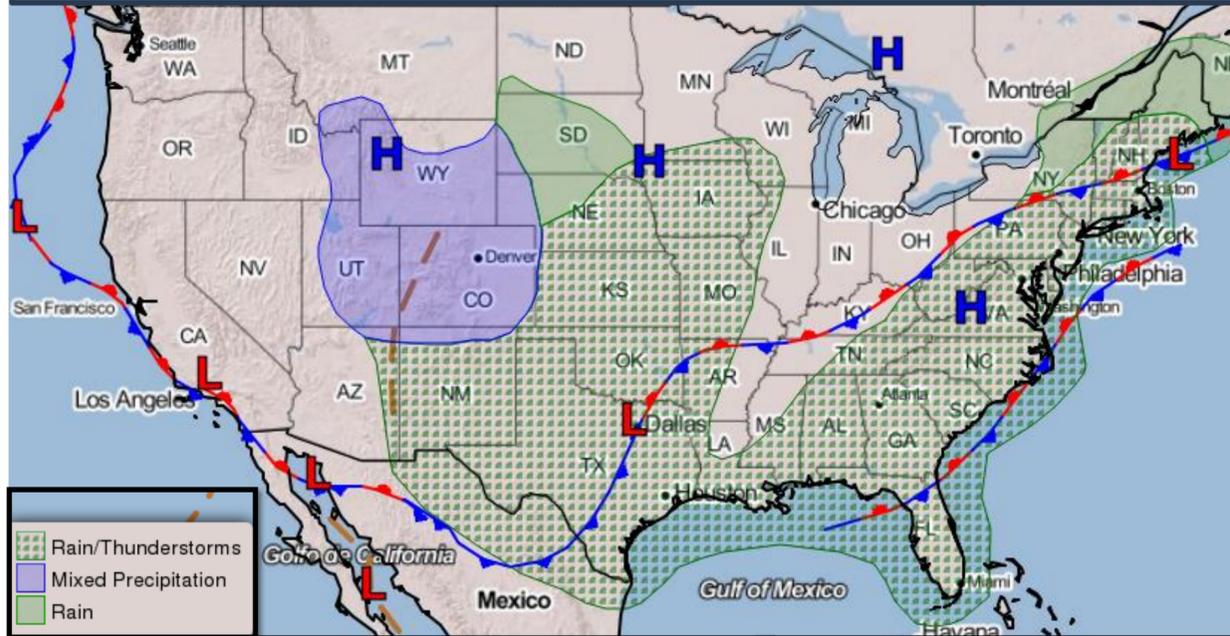


SR ROC
REGIONAL OPERATIONS CENTER

Forecast Chart

Forecast Rainfall

Isolated heavy rainfall and flash flooding across SW and West Central TX.

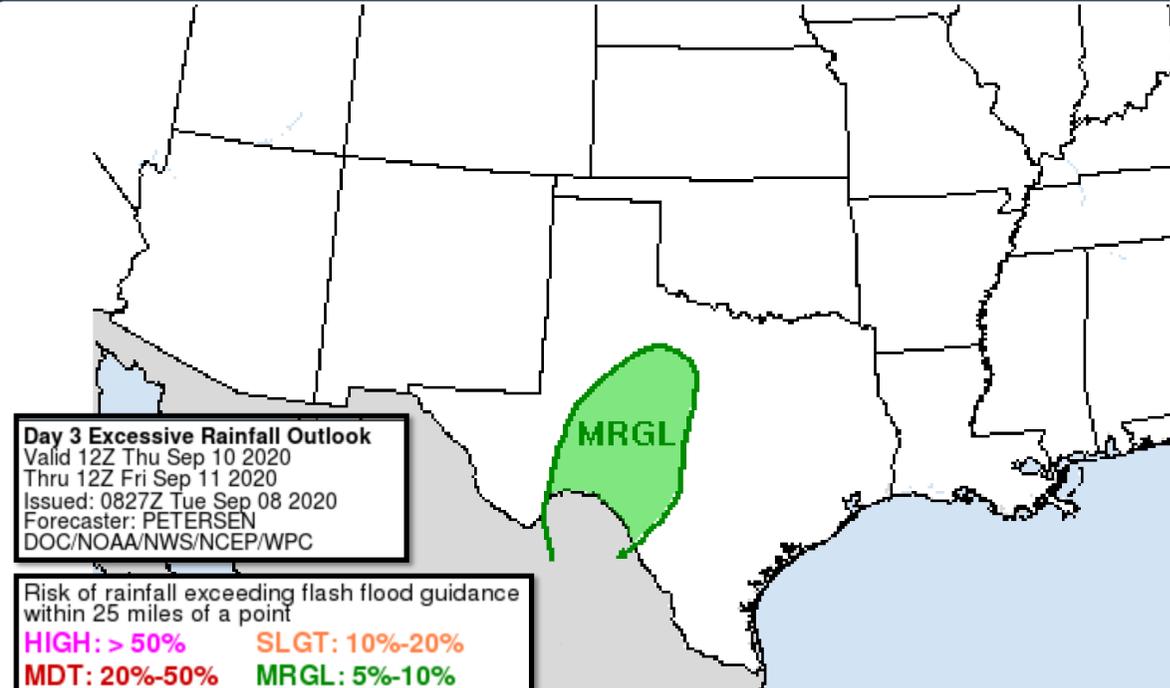
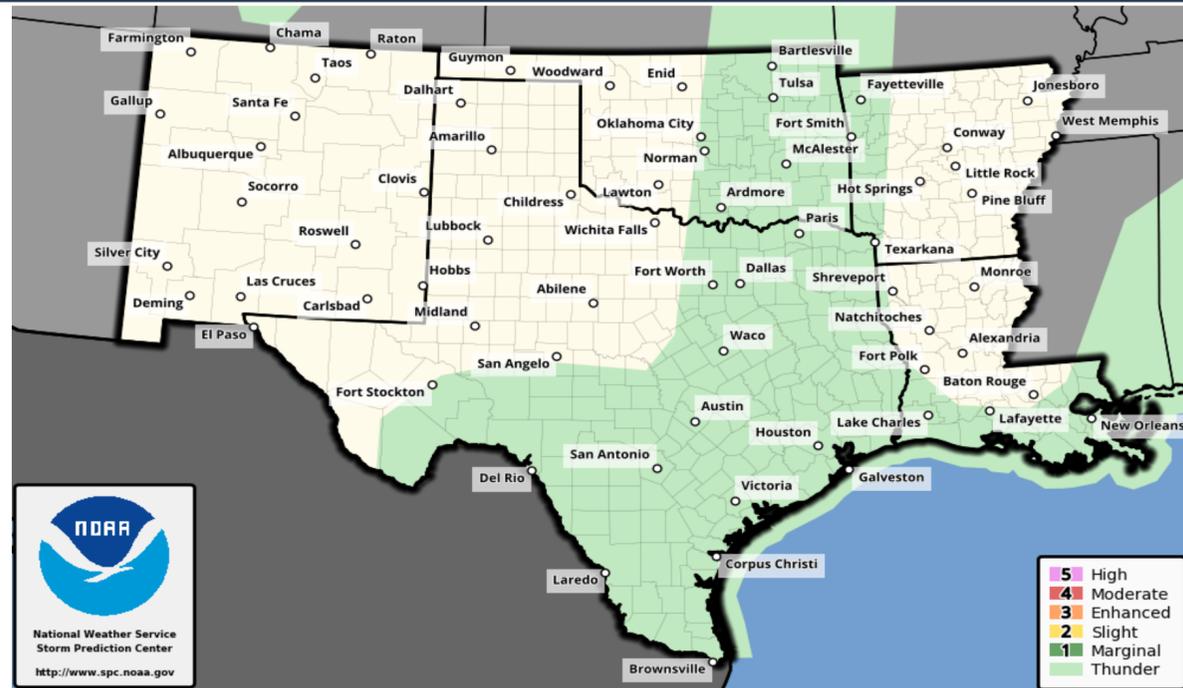


Weather Valid 8am EDT Thu Sep 10 2020 to 8am EDT Fri Sep 11 2020
Fronts Valid 8am EDT Thu Sep 10 2020
Issued 4:57 AM EDT Tue, Sep 08, 2020
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Zavodoff with WPC/SPC/NHC forecasts.

24-Hour Day 3 QPF
Valid 12Z Thu Sep 10 2020
Thru 12Z Fri Sep 11 2020
Issued: 0844Z Tue Sep 08 2020

Severe Weather Outlook

Excessive Rainfall Outlook



Day 3 Excessive Rainfall Outlook
Valid 12Z Thu Sep 10 2020
Thru 12Z Fri Sep 11 2020
Issued: 0827Z Tue Sep 08 2020
Forecaster: PETERSEN
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%**

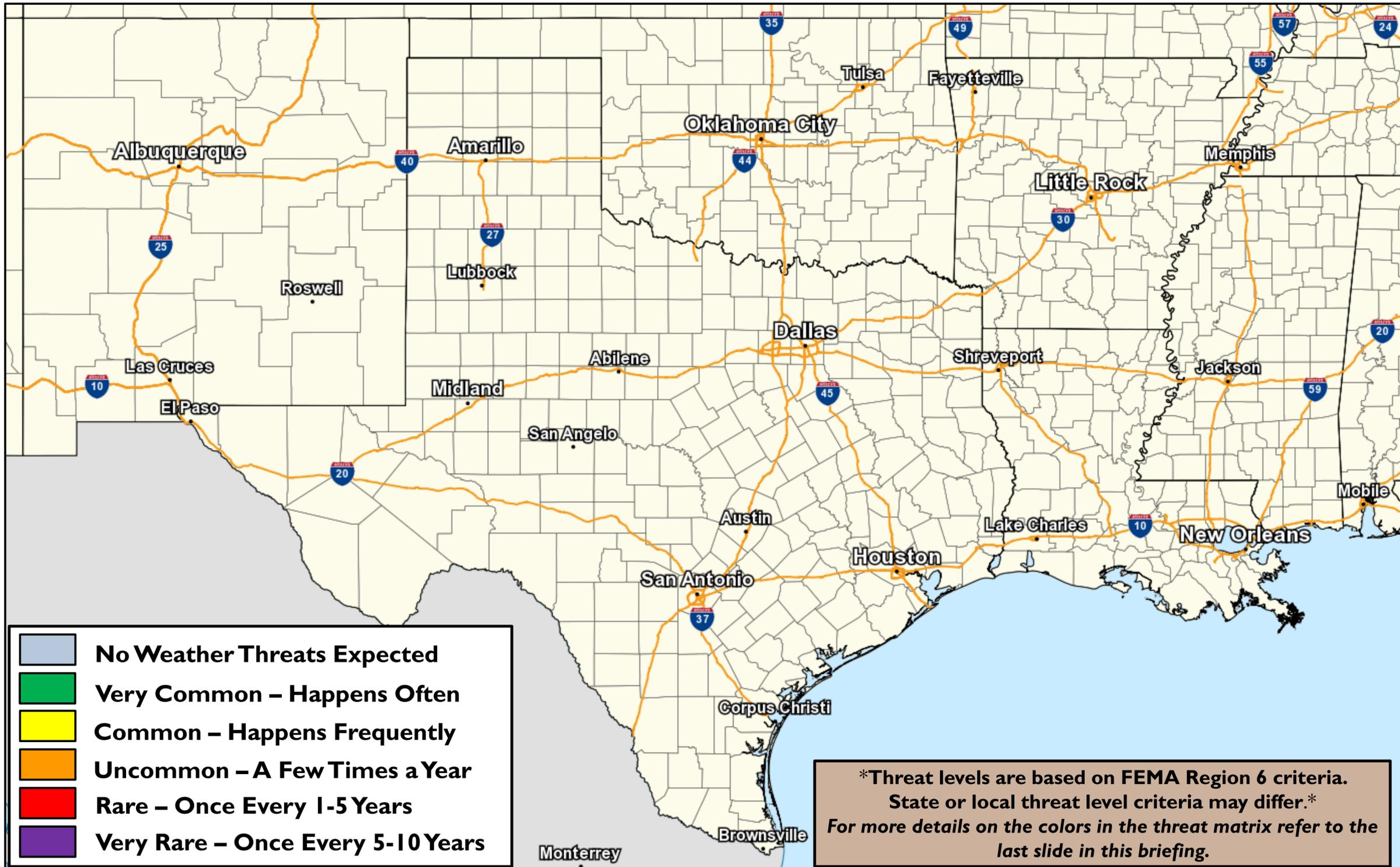
Days 4-5 Weather Hazards

Friday - Saturday



SR ROC
REGIONAL OPERATIONS CENTER

No significant weather expected.

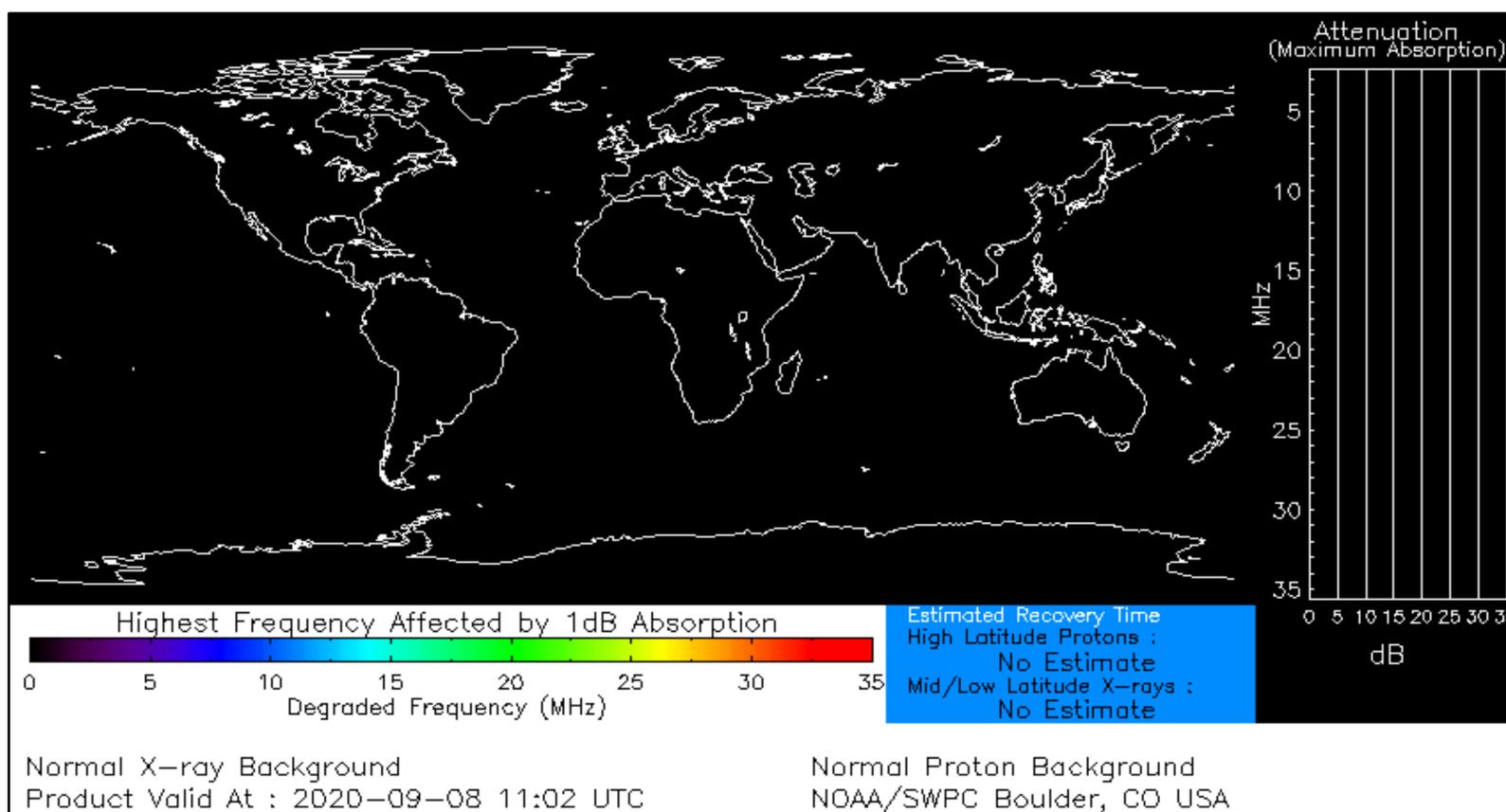


Space Weather 3-Day Forecast



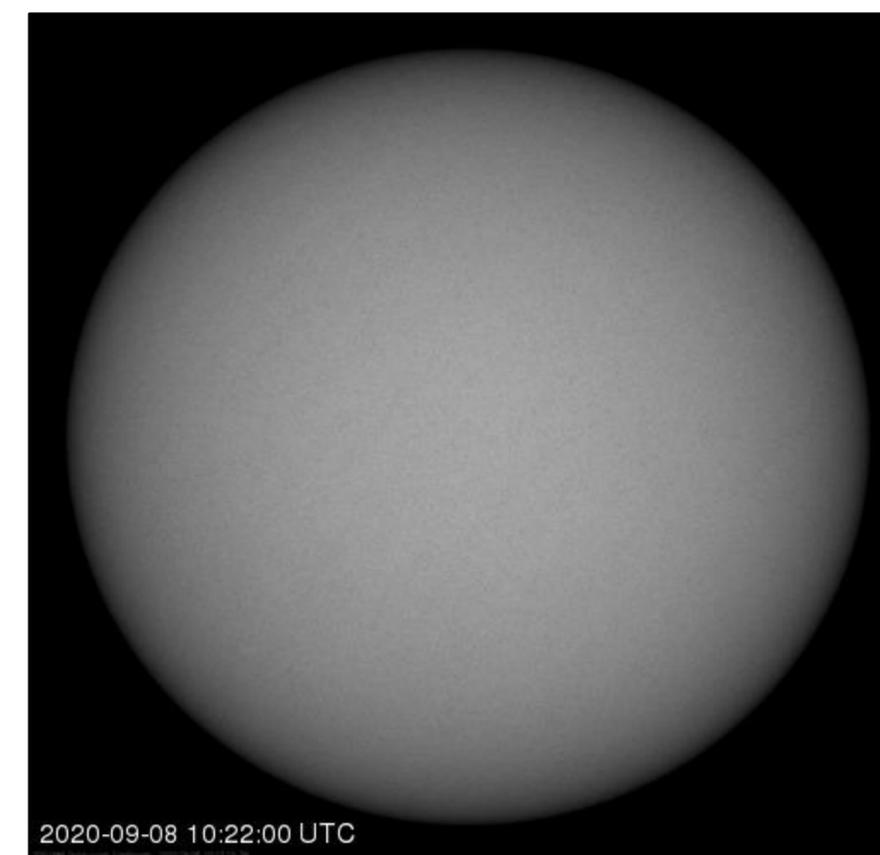
SR ROC
REGIONAL OPERATIONS CENTER

	Tuesday	Wednesday	Thursday
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.