



FEMA

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 <http://www.srh.noaa.gov> and click on the "Weather Forecast Offices" tab and click on the map for your area.

FEMA Region 6 Weather Threat Briefing

Wednesday, August 17, 2016

Issued: 0800 CT

Day 1 Hazards: Moderate to Major River Flooding continues across S/SW LA.

Heavy rain/flash flooding possible over SW into C TX and N LA.

Isolated heavy rain possible over AR/OK/NE TX and N LA.

National Weather Service

Southern Region Headquarters
Regional Operations Center
Fort Worth, TX



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Key Points



Today

- Major River Flooding continues across S LA
 - Most points in SE LA will see slow decreases in the next several days
 - The Mermentau River is still rising and will crest by Friday
 - Calcasieu River near Oberlin, LA rising to major flood Thursday
- Heavy rain/flash flooding possible from SW into Central TX
- Isolated heavy rainfall possible from NE TX/NW LA into S AR. Widespread flooding is not expected.

Thursday – Sunday

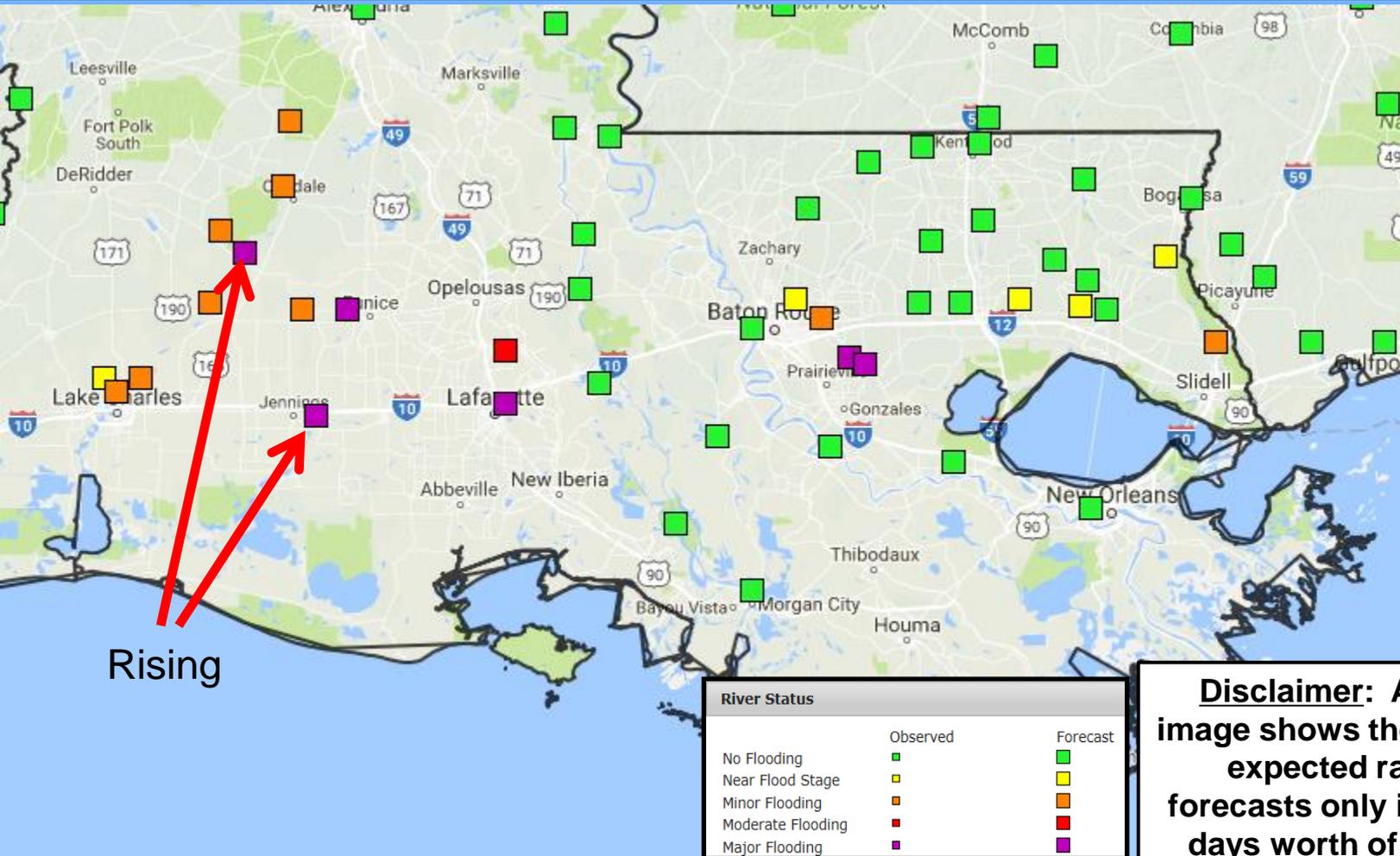
- Heavy rainfall/flash flooding possible across SW and Central TX, S AR and SE OK on Thursday
- Moderate to Major river flooding will continue across S LA; water levels in SE LA should be slowly receding
- Rain chances across the Region continue into the weekend; areas that had flooding will be particularly sensitive to additional rainfall amounts

Tropical Outlook

- Tropical Depression Six is centered about 775 miles W/SW of the Cabo Verde Islands
 - Slow strengthening forecast over the next couple of days to a tropical storm (TS Fiona).
 - Current track has system moving into open Atlantic with no impacts to FEMA 6 Region

River Flood Status/5 Day Forecast Rainfall

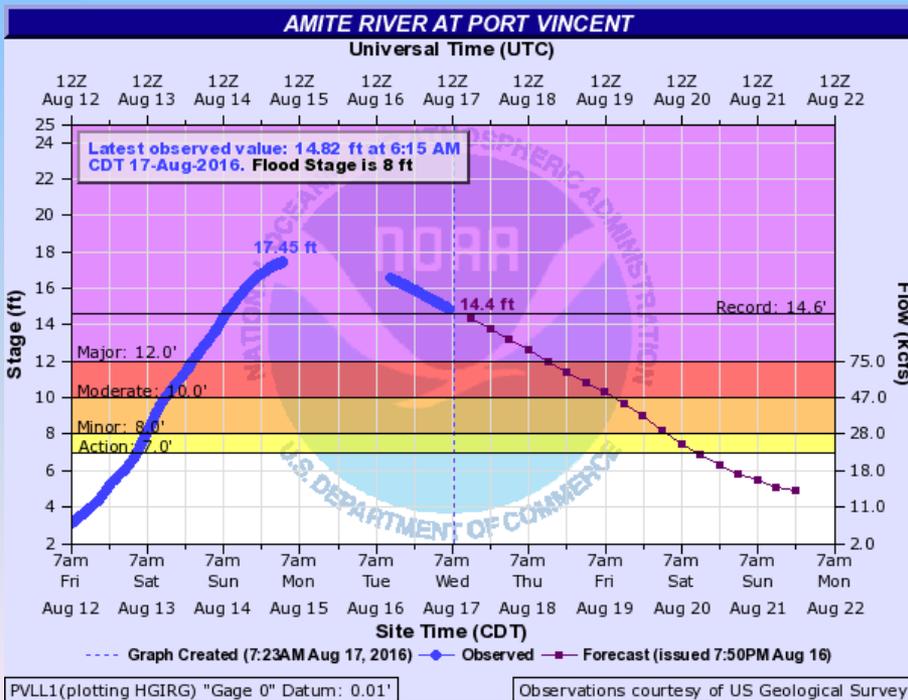
Moderate to Major River Flooding is occurring or forecast in S LA. Most locations will slowly fall over the next few days, although Mermentau and Calcasieu Rivers are still rising.



Disclaimer: Although this image shows the next 5 days of expected rainfall, river forecasts only incorporate 1-2 days worth of precipitation.

See <http://www.srh.noaa.gov/rfcexp/main.php?fs=1> for the latest on river flooding

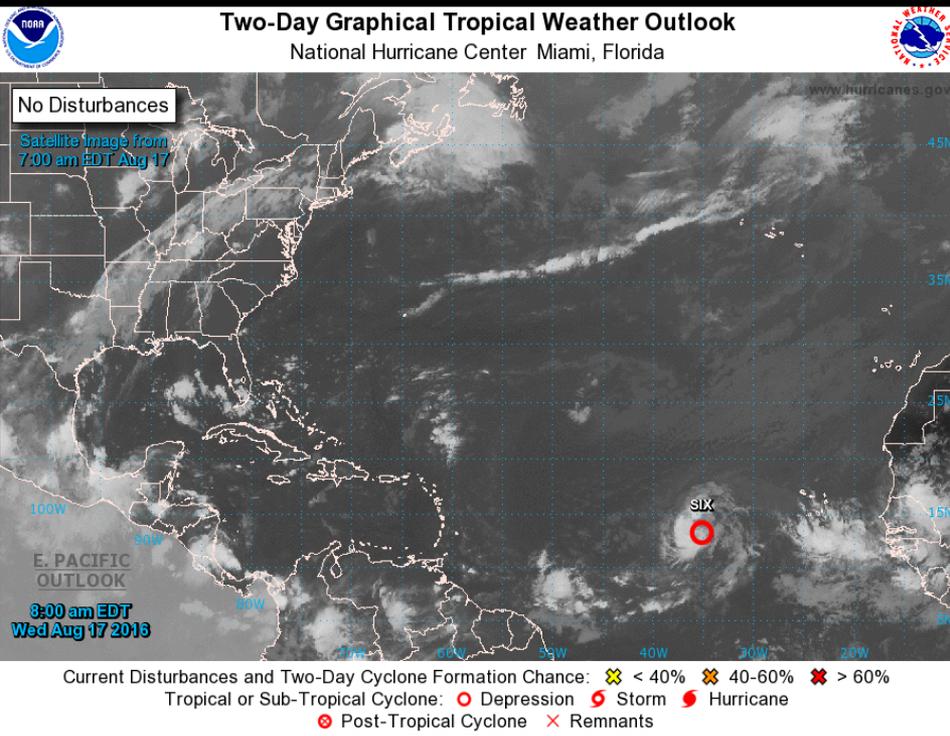
FEMA JFO Baton Rouge, LA



Scattered showers and thunderstorms will once again produce localized heavy rainfall mainly this afternoon. Due to already saturated soil conditions, localized flash flooding could be a concern if rainfall rates are high enough across the Baton Rouge and Northshore areas. This pattern of scattered afternoon storms will persist through the weekend. However, a prolonged, widespread heavy rain is not anticipated. A significant flood threat including backwater flooding continues across portions of southeast Louisiana.

See <http://www.srh.noaa.gov/rfcexp/main.php?fs=1> for the latest on river flooding

Tropical Weather Outlook



A large area of cloudiness and thunderstorms associated with Tropical Depression Six centered about 775 miles W-SW of the Cabo Verde Islands is likely to slowly strengthen to a tropical storm today while the system moves W-NW and then NW.

No Impacts to FEMA 6 Region



*FEMA Region 6 Threat Matrix

Aug 17, 2016 - Aug 21, 2016

DAY/ THREAT	WED	THU	FRI	SAT	SUN
Severe Weather					
Heavy Rain/ Flash Flooding	SW and Central TX / NW LA	SW TX/N TX, SE OK, S AR	N TX, AR, N LA, N/SE OK		
Fire Weather					
Heat					
River Flooding	SW/SE LA	SW/SE LA	SW LA	SW LA	SW LA
			SE LA	SE 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

For more details on the colors in the threat matrix refer to the last slide in this briefing.



Today's Weather

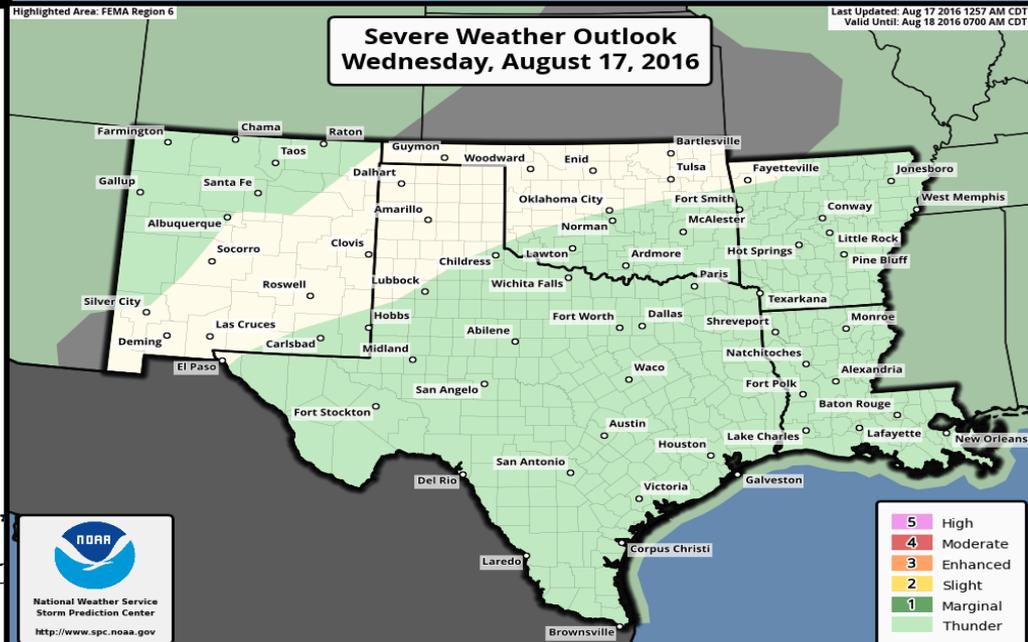
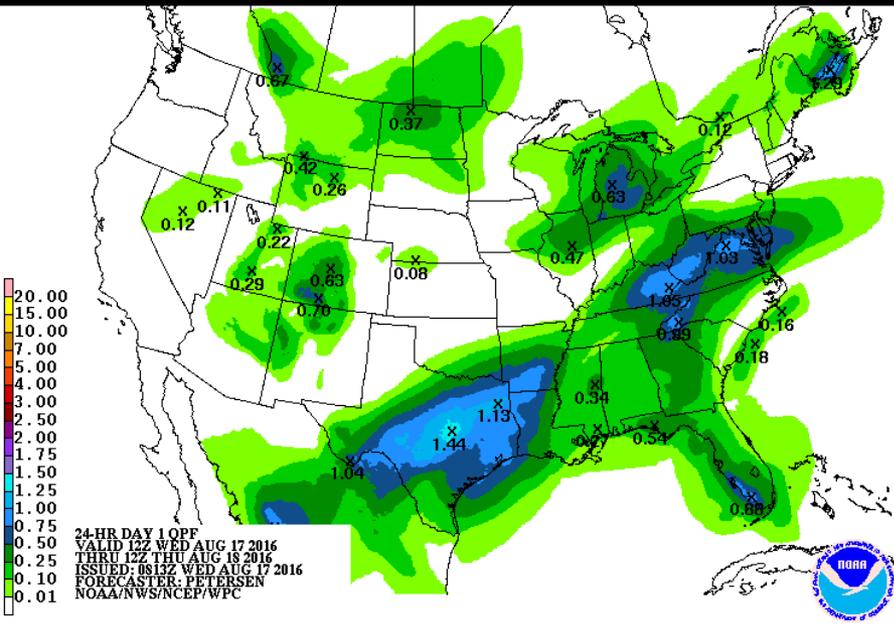


Major River Flooding continues across S LA

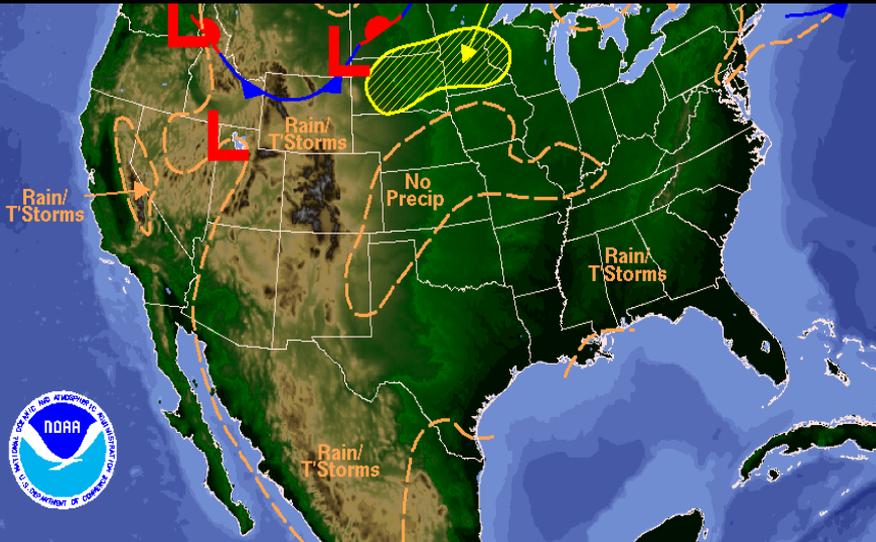
Heavy rainfall/flash flooding possible across SW and Central TX.

Isolated heavy rainfall across NE TX/NW LA into S AR.

Weather Forecast for Wed, Aug 17, 2016, issued 4:21 AM EDT
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by McReynolds based on WPC, SPC and NHC forecasts



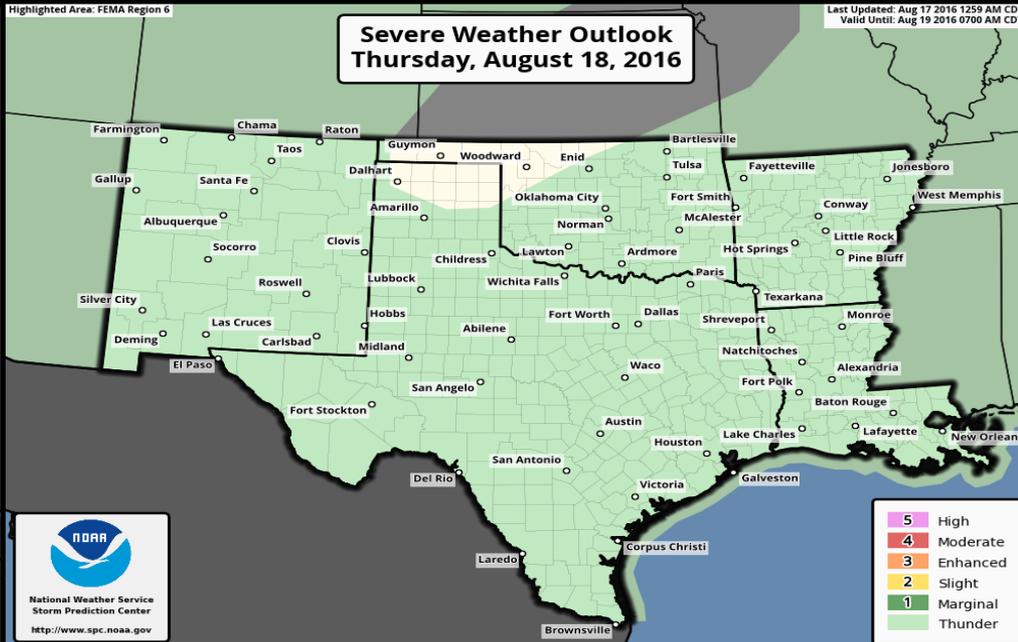
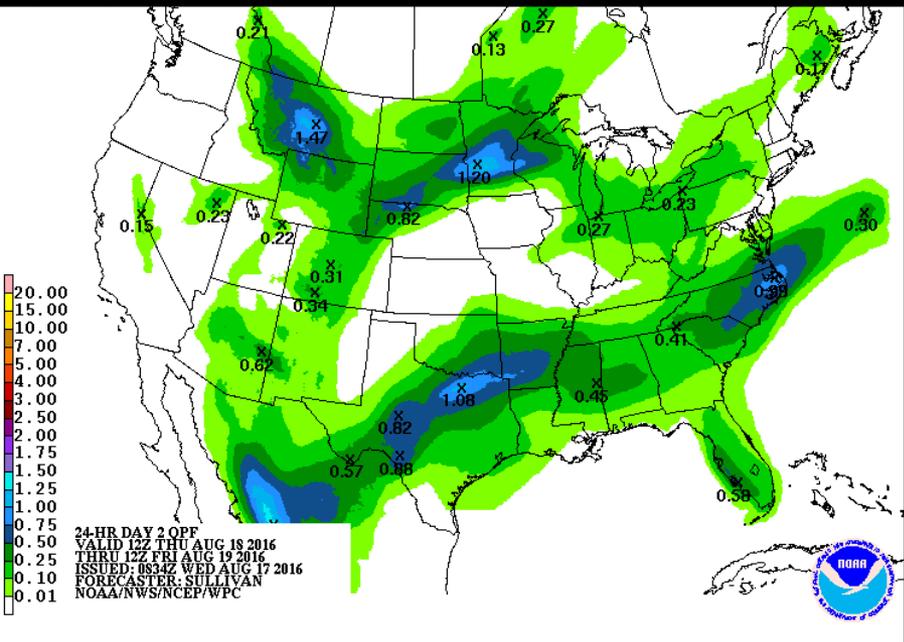
Tomorrow's Weather



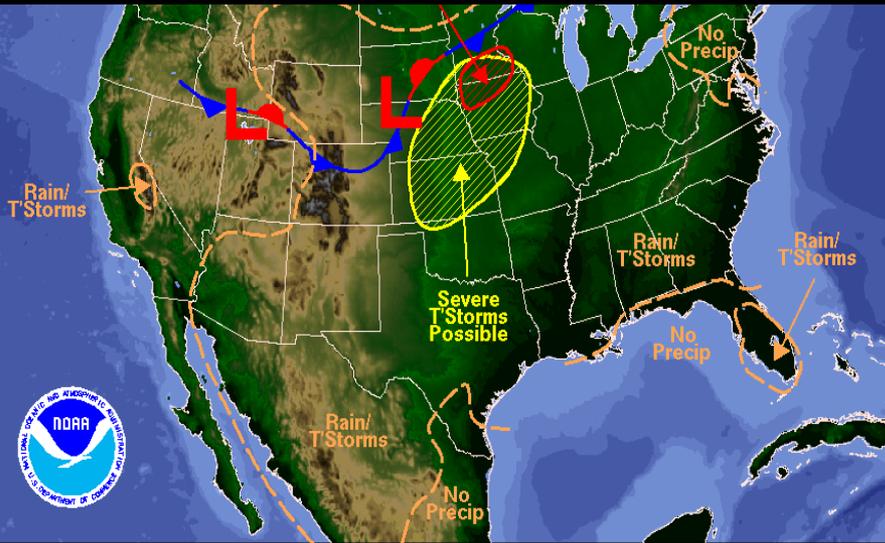
Moderate to isolated major River Flooding will continue SW LA; water levels steadily dropping in SE LA.

Isolated rainfall/flash flooding possible over SW and N TX.

Weather Forecast for Thu, Aug 18, 2016, issued 4:24 AM EDT Wed, Aug 17, 2016
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by McReynolds based on WPC, SPC and NHC forecasts



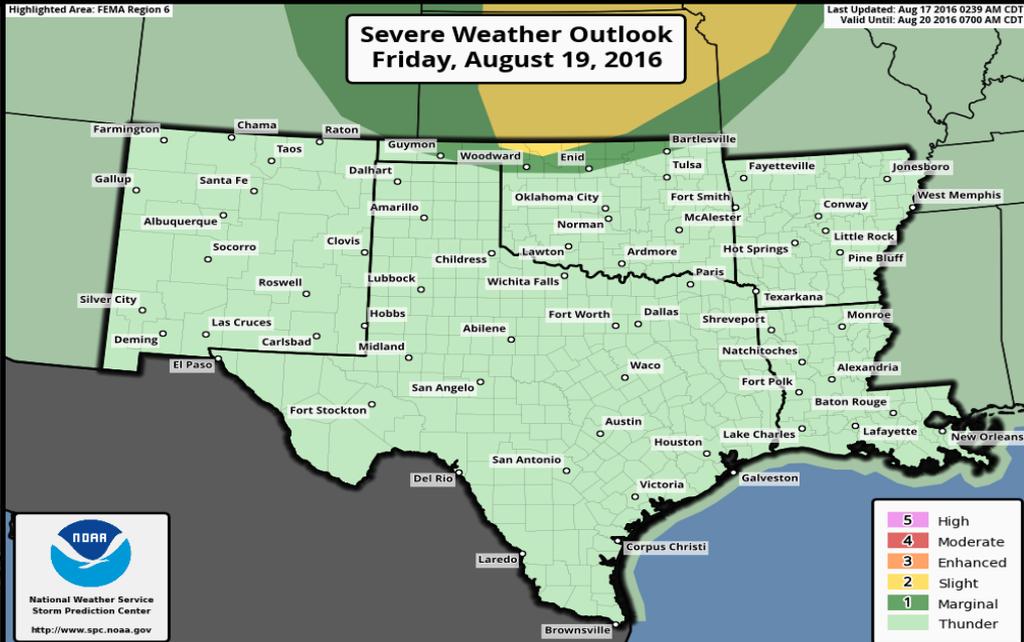
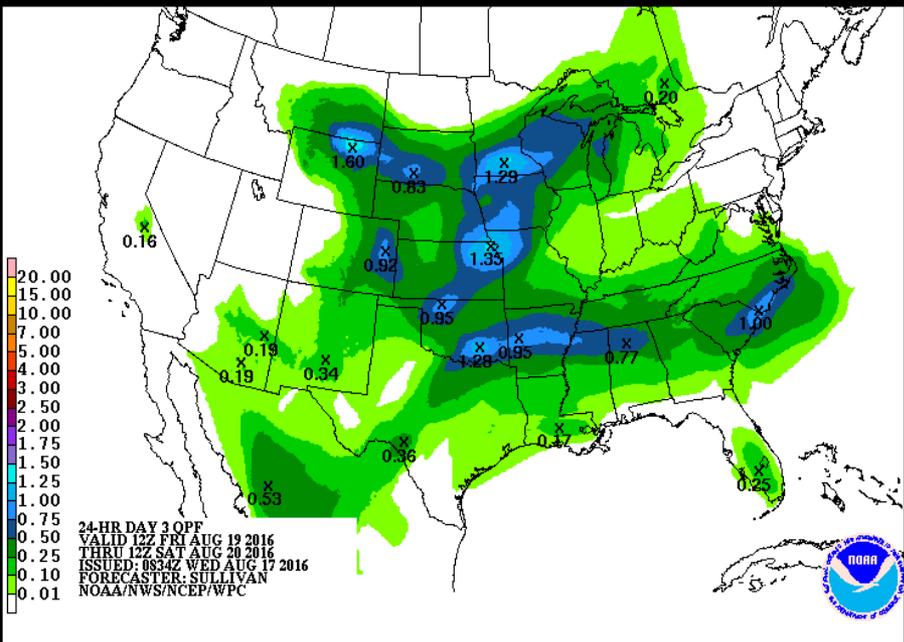
Friday's Weather



Moderate to Major River Flooding likely to be ongoing over S LA.

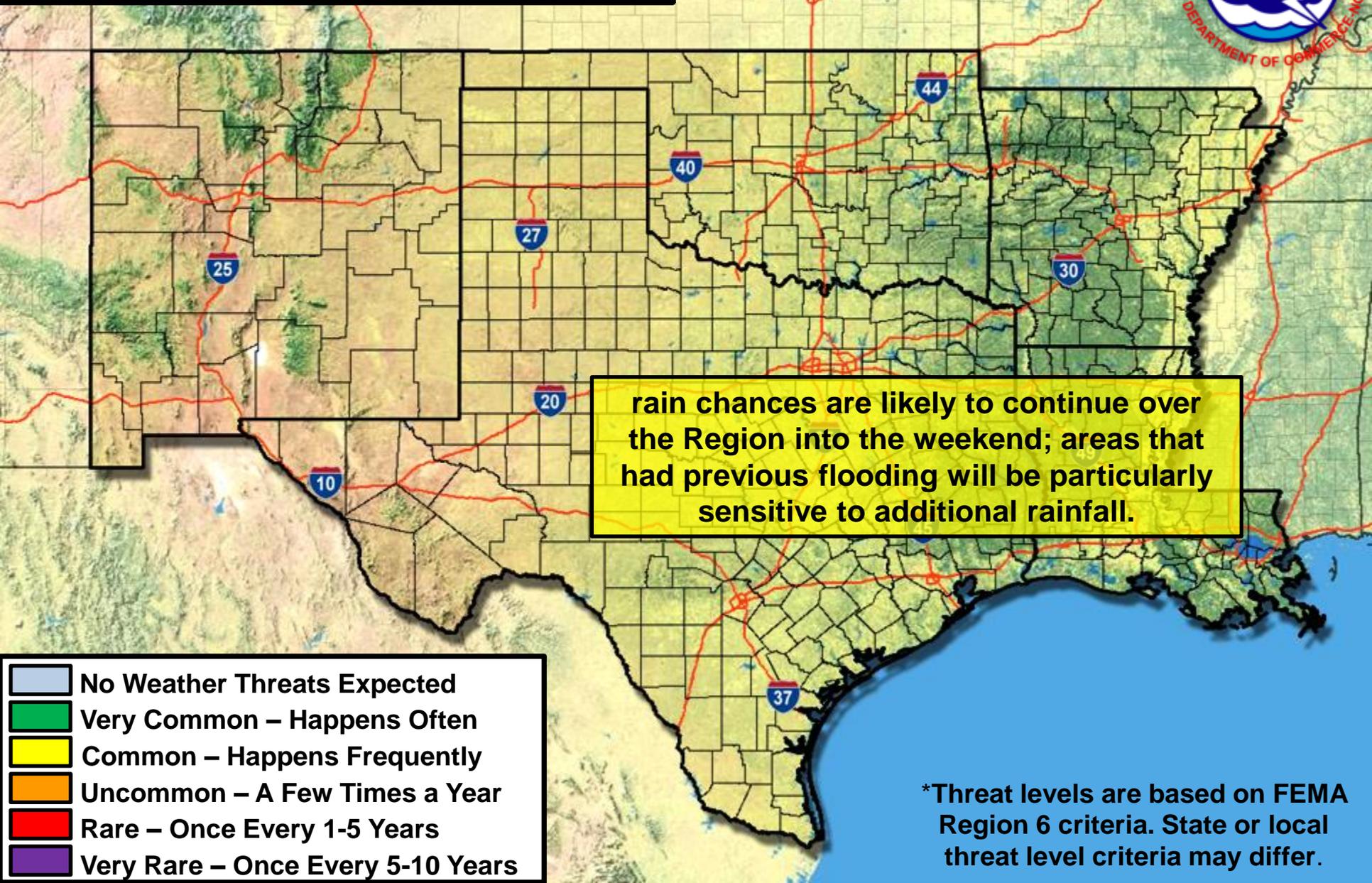
Isolated thunderstorms with damaging winds and flash flooding across N OK

Weather Forecast for Fri, Aug 19, 2016, issued 4:27 AM EDT Wed, Aug 17, 2016
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by McReynolds based on WPC, SPC and NHC forecasts



Day 4-5 Weather Hazards

Valid: 0800 Sat - 0800 Mon



rain chances are likely to continue over the Region into the weekend; areas that had previous flooding will be particularly sensitive to additional rainfall.

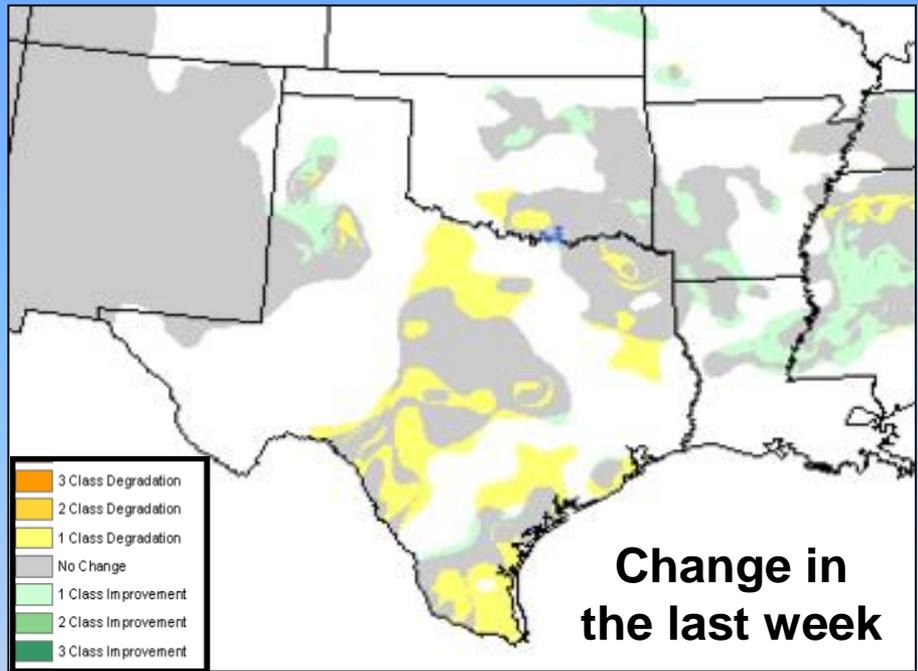
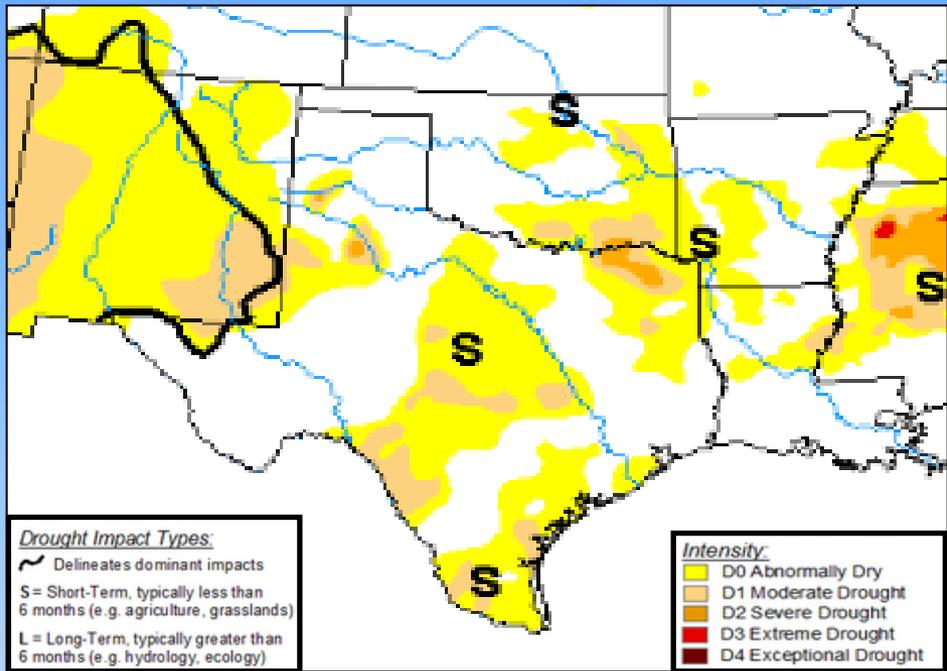
-  No Weather Threats Expected
-  Very Common – Happens Often
-  Common – Happens Frequently
-  Uncommon – A Few Times a Year
-  Rare – Once Every 1-5 Years
-  Very Rare – Once Every 5-10 Years

*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.



Drought Monitor Released August 11, 2016

Data valid as of 7am CDT, Thursday August 9, 2016



Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

State	Current	Last Week	3 Months Ago	1 Year Ago
Oklahoma	0.00%	0.00%	0.00%	0.00%
Texas	0.00%	0.00%	0.00%	0.00%
Arkansas	0.00%	0.00%	0.00%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%
New Mexico	0.00%	0.00%	0.00%	0.00%

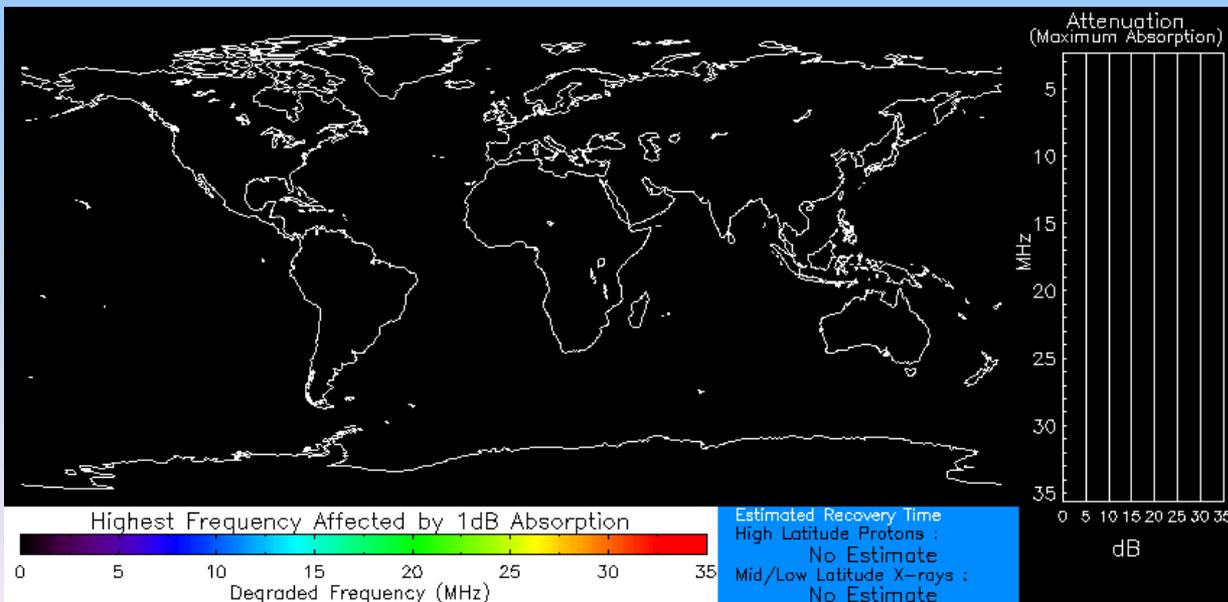
Space Weather 3-Day Forecast



	Wednesday	Thursday	Friday
Geomagnetic Storms	Quiet (Max Kp = 2)	Unsettled (Max Kp = 3)	Active (Max Kp = 4)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%

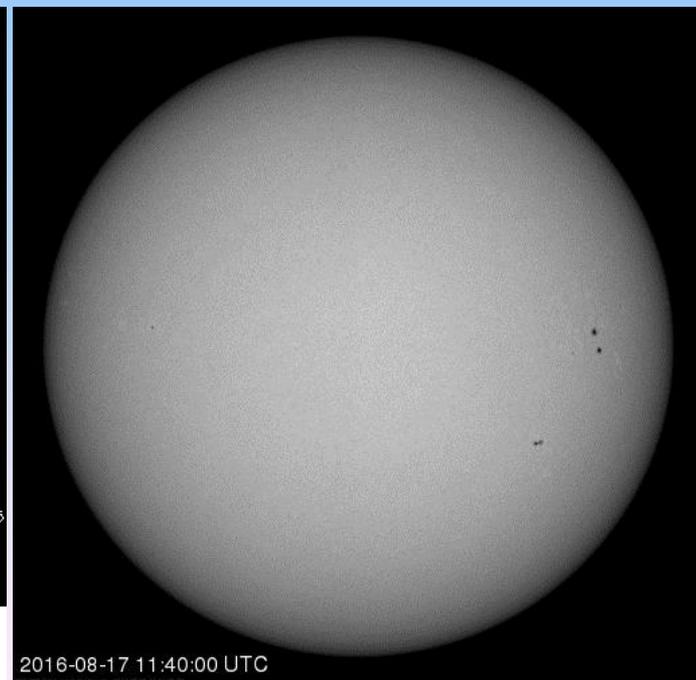
[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)



Normal X-ray Background
Product Valid At : 2016-08-17 12:15 UTC

Normal Proton Background
NOAA/SWPC Boulder, CO USA



Information provided by:



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Fort Worth, TX

Phone: (817) 978-1100 x147

E-mail: sr-srh.roc@noaa.gov

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

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<https://www.facebook.com/NWSSouthern> (**NEW link!!**)

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The criteria for the color codes in our briefings is below, please provide any feedback to sr-srh.roc@noaa.gov.



Weather "Threat" Matrix			
Color	Definition	Criteria	Example(s)
Green	<p>Very Common</p> <p>Safety: Rarely a Direct Threat to Life and Property</p> <p>Impact Potential: Typically Results in Little Inconvenience to Daily Routines</p>	<p>Severe: Marginal Risk from SPC</p> <p>Flooding: Minor flooding expected over localized areas</p> <p>Tropical: None</p> <p>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>Somewhat Common – Happens Frequently</p> <p>Safety: Rarely a Direct Threat to Life and Property</p> <p>Impact Potential: Typically Results in Some Inconvenience to Daily Life</p>	<p>Severe: Slight Risk from SPC</p> <p>Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas</p> <p>Tropical: A weak tropical wave expected to move towards or near any coastline</p> <p>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>Uncommon – A Few Times a Year</p> <p>Safety: Often Threatening to Life and Property, Some Damage Unavoidable</p> <p>Impact Potential: Typically Results in Minor Disruption to Daily Life</p>	<p>Severe: Enhanced Risk from SPC</p> <p>Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas</p> <p>Tropical: A Tropical Storm expected to move towards or near any coastline</p> <p>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>Rare – Once every 1-5 Years</p> <p>Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed</p> <p>Impact Potential: Will likely result in Large Disruption to Daily Life</p>	<p>Severe: Moderate Risk from SPC</p> <p>Flooding: Moderate flooding expected over a widespread area (including urban locations)</p> <p>Tropical: A Hurricane expected to move towards or near any coastline</p> <p>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>Very Rare – Once Every 5-10 Years</p> <p>Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed</p> <p>Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life</p>	<p>Severe: High Risk from SPC</p> <p>Flooding: Major flooding expected over a widespread area (including urban locations)</p> <p>Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline</p> <p>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