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

Tuesday, August 16, 2016
Issued: 0800 CT

National Weather Service

Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

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

Heavy rain/flash flooding possible over SE and S-Central TX.

Some heavy rain possible over S AR, E TX and LA.

Prepared by: Jennifer McNatt
817-978-1100 x 147

Key Points

Today

- Major River Flooding continues across S LA
  - Most points will see a slow fall in the next several days
  - The Mermentau River is still rising and will crest later this week
- Heavy rain/flash flooding possible in SE and S-Central TX
- Some heavy rainfall possible over S AR, LA and E/NE TX, but widespread flooding is not expected

Wednesday – Saturday

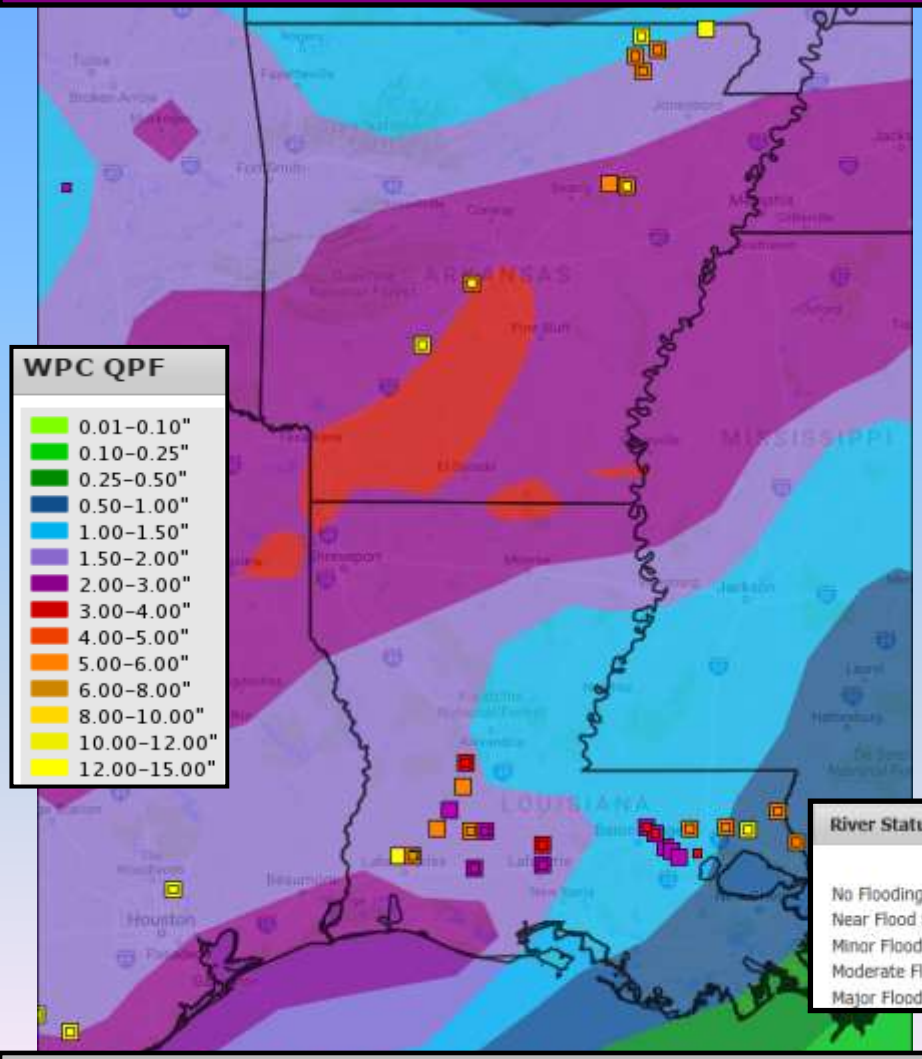
- Heavy rainfall/flash flooding possible across SW and Central TX on Wednesday
- Moderate to Major river flooding will continue across S LA; points in SE LA should be receding
- Rain chances across the Region continue into the weekend; areas that saw previous flooding will be particularly sensitive to any additional rainfall

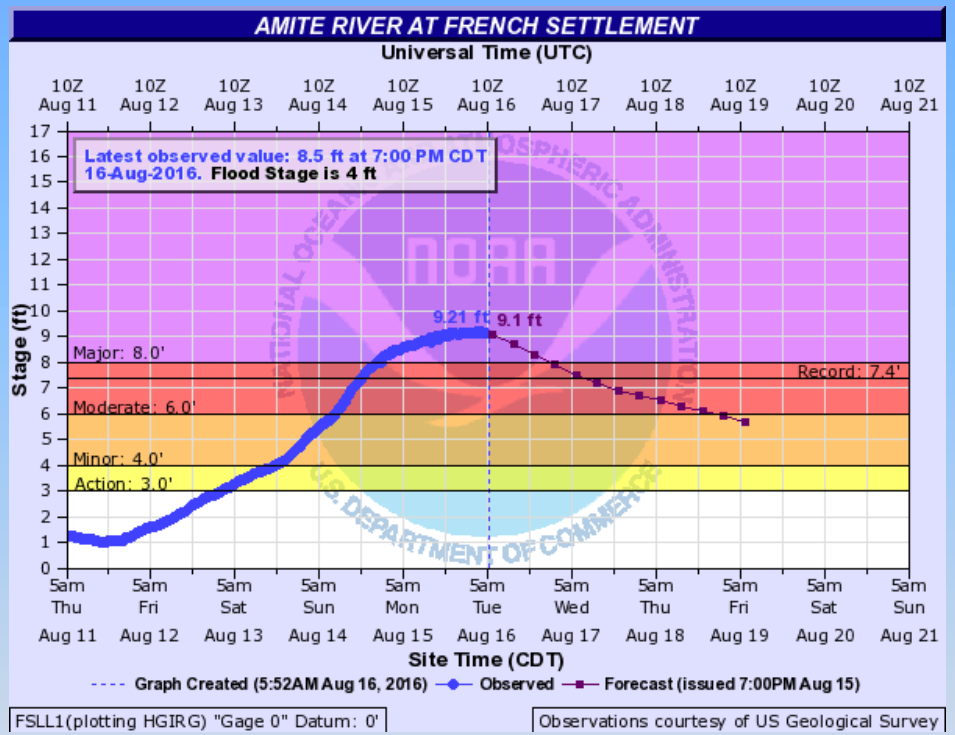
Tropical Outlook

- A tropical wave is centered about 500 miles W/SW of the Cabo Verde Islands
  - Conditions appear favorable for a tropical depression to form during the next couple of days
  - Formation chance through 48 hours…high…70 percent
  - Formation chance through 5 days…high…80 percent

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 River is still rising.





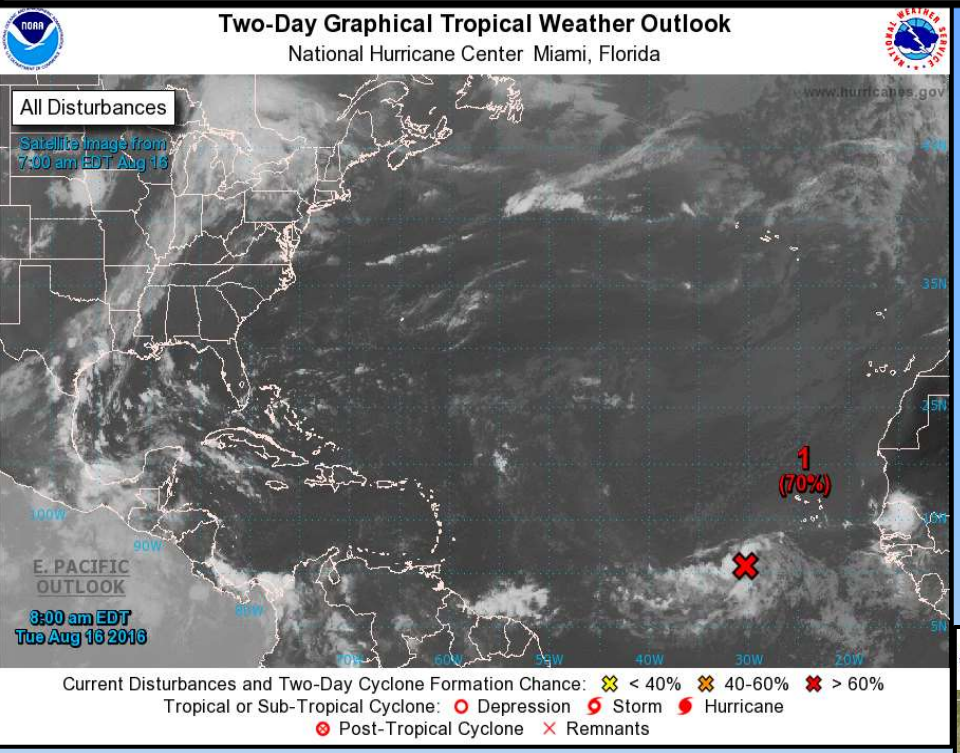
River Status

	Observed	Forecast
No Flooding		
Near Flood Stage		
Minor Flooding		
Moderate Flooding		
Major Flooding		

<u>Disclaimer</u>: 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

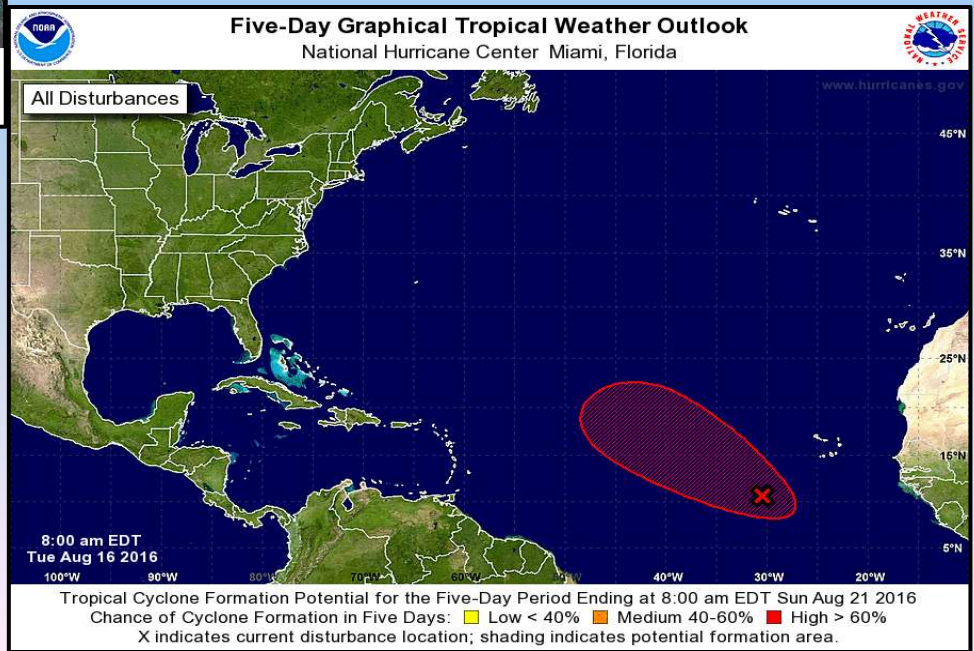
Tropical Weather Outlook



A large area of cloudiness and thunderstorms associated with a tropical wave centered about 500 miles W-SW of the Cabo Verde Islands is gradually becoming better organized. Conditions appear favorable for a tropical depression to form during the next couple of days while the system moves W-NW and then NW.

Formation chance through 48 hours…high…70 percent.

Formation chance through 5 days…high…80 percent.



*FEMA Region 6 Threat Matrix

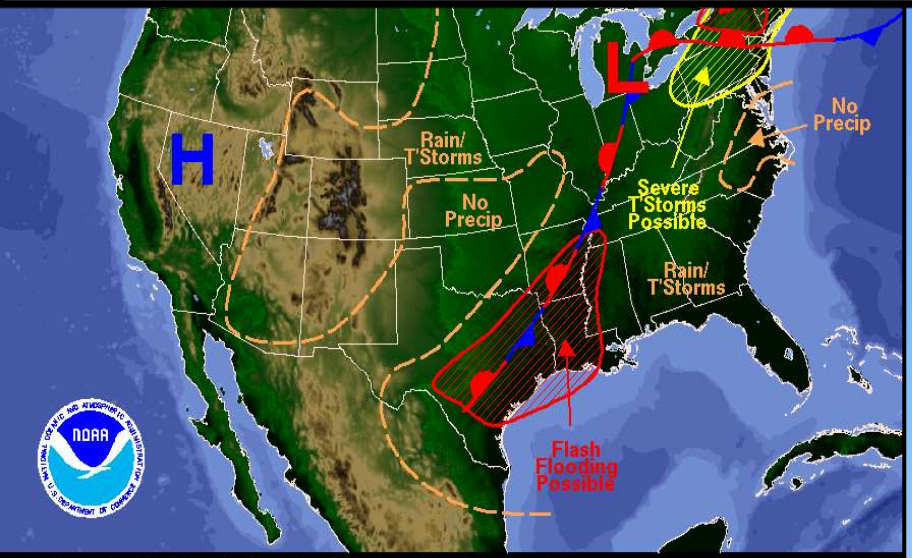
Aug 16, 2016 - Aug 20, 2016

DAY/ THREAT	TUE	WED	THU	FRI	SAT
Severe Weather					
Heavy Rain/ Flash Flooding	SE/S-Cntrl TX S AR, E TX, LA	SW & Cntrl TX	N-Central and NW TX		
Fire Weather					
Heat					
River Flooding	S LA NE AR	SW LA SE LA NE AR	S LA	S LA	S 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



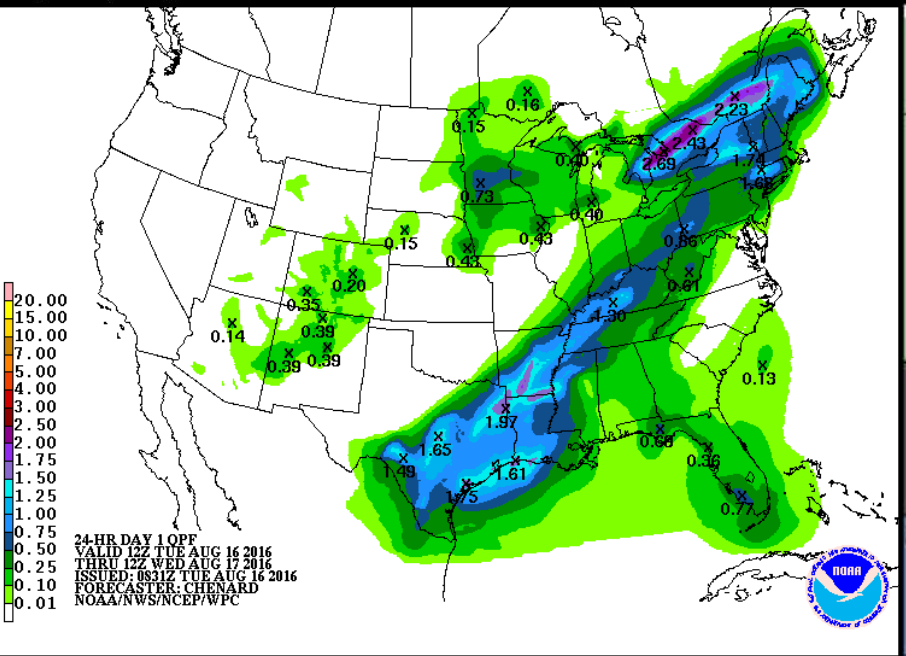
Weather Forecast for Tue, Aug 16, 2016, issued 4:46 AM EDT
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Mcreynolds based on WPC, SPC and NHC forecasts

Major River Flooding continues across S LA

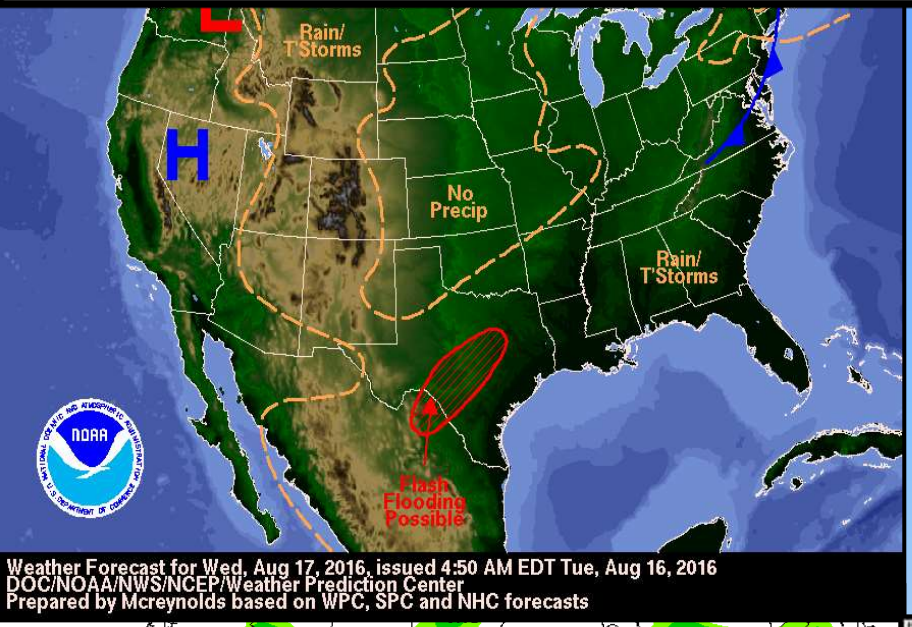
Heavy rainfall/flash flooding possible across SE and S-Central TX.

River Flooding continues across NE AR

Some heavy rainfall possible across S AR, E & NE TX and LA as well, but widespread flooding not expected.

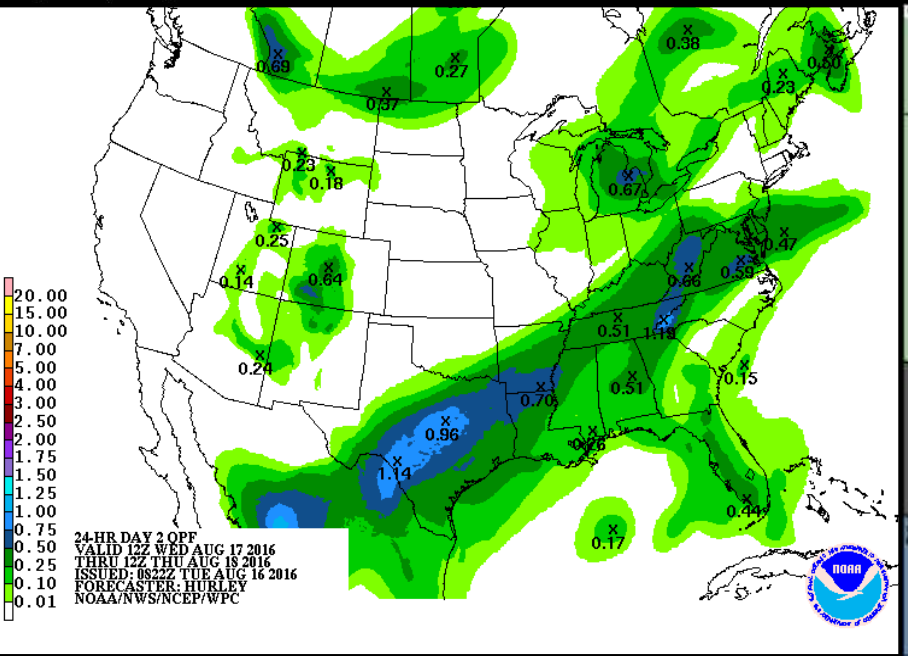


Tomorrow's Weather

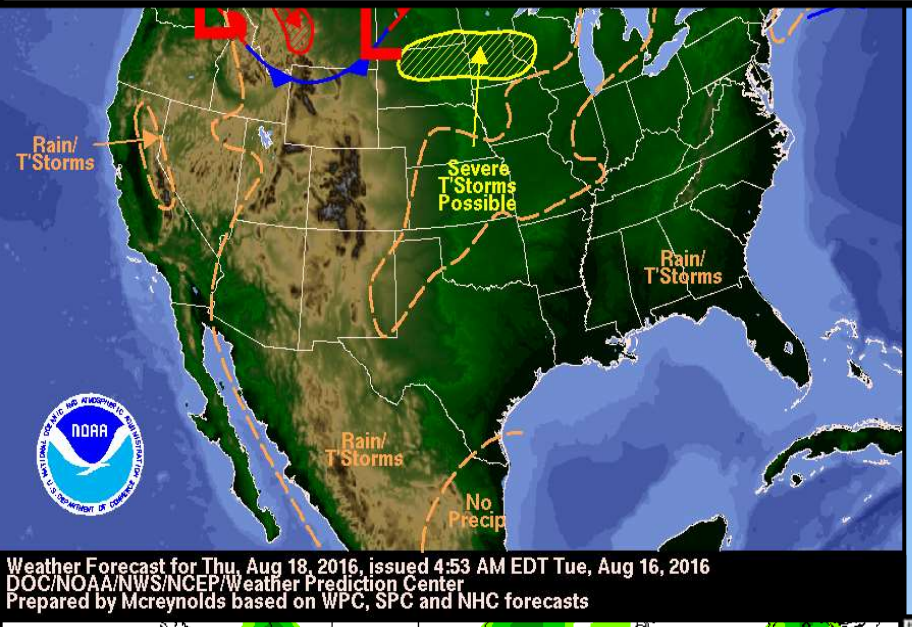


Moderate to Major River Flooding will continue SW LA; should be receding in SE LA.

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

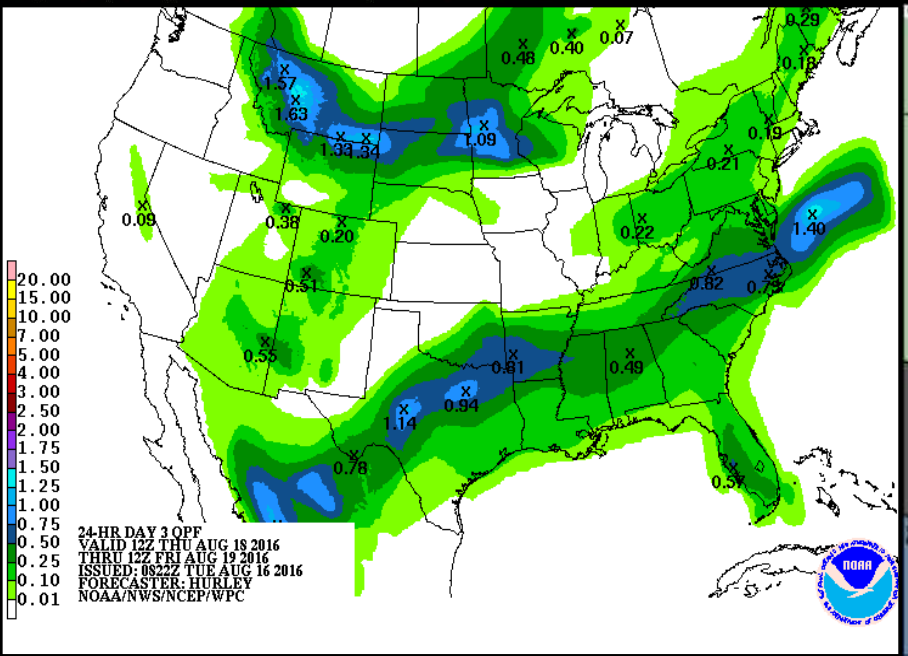


Thursday's Weather



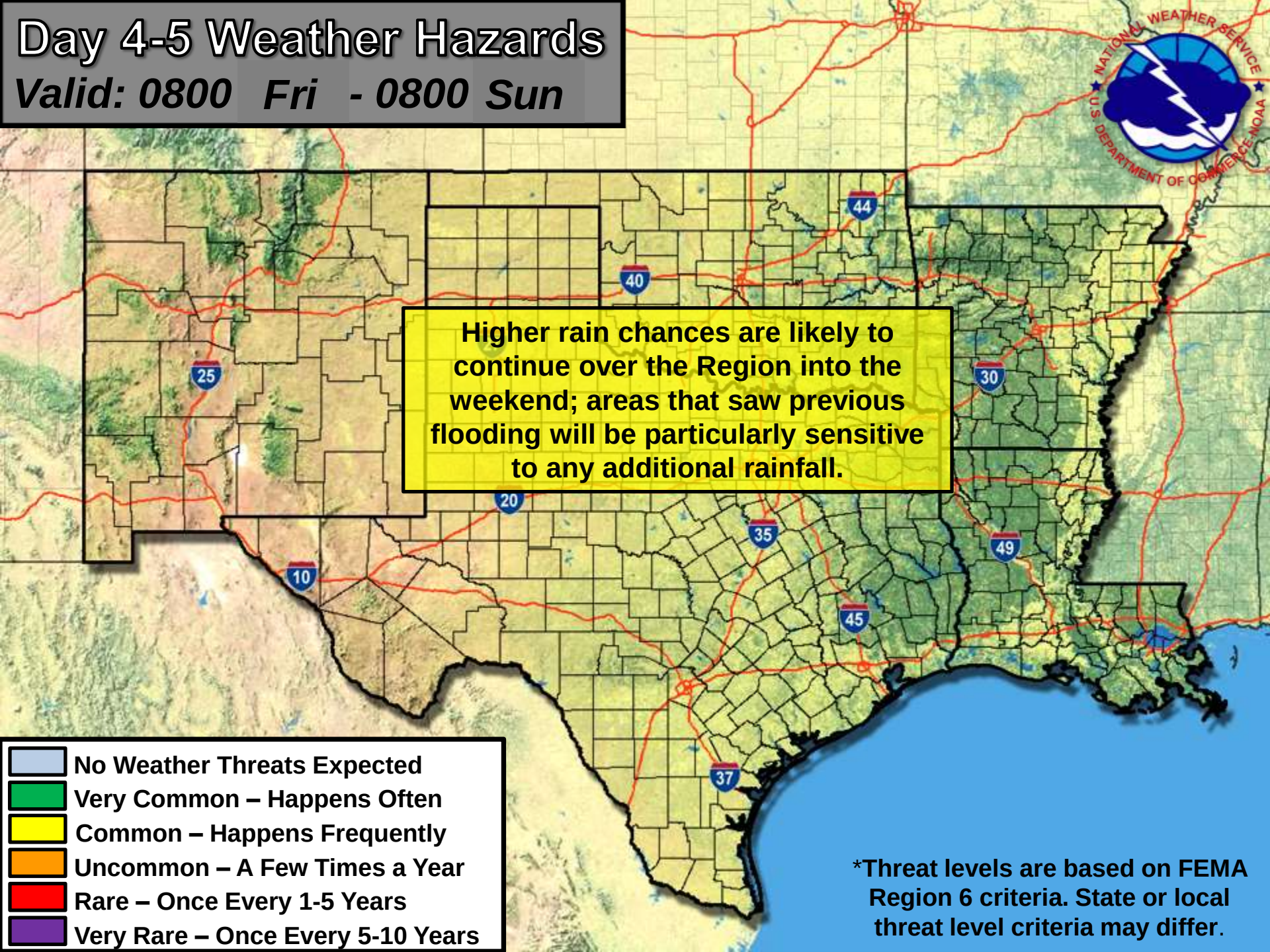
Moderate to Major River Flooding likely to be ongoing over S LA.

Some areas of heavy rainfall will be possible over N-Central and W TX, but widespread flooding is not expected.



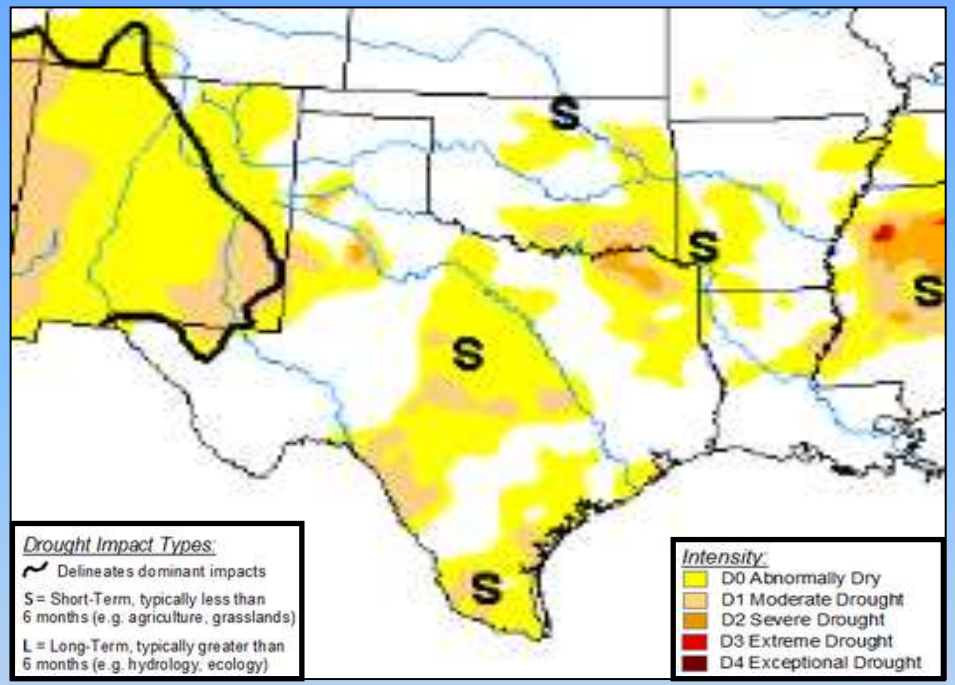
Day 4-5 Weather Hazards

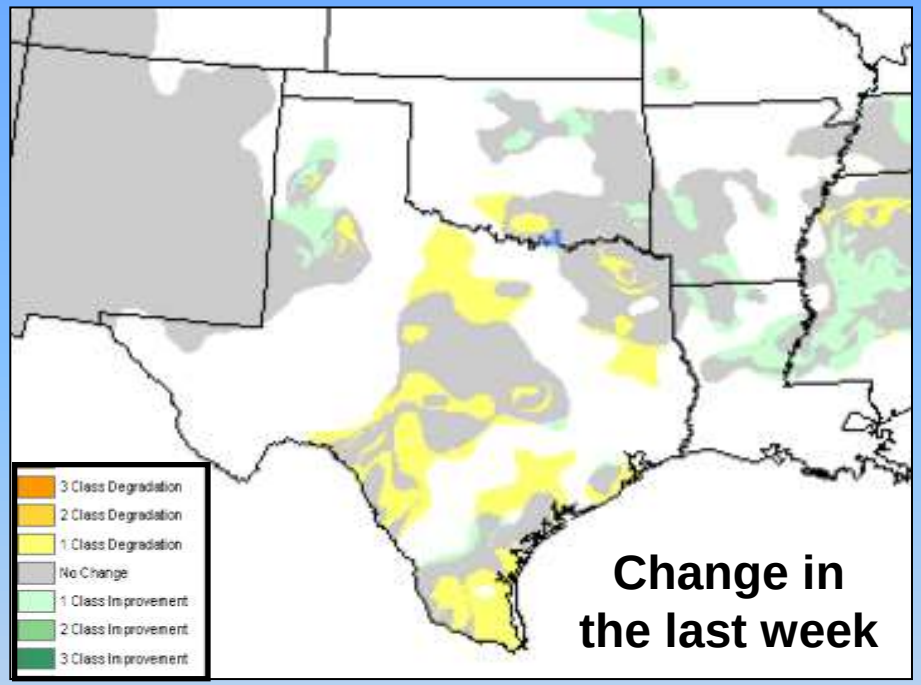
Valid: 0800 Fri - 0800 Sun



Drought Monitor Released August 11, 2016

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





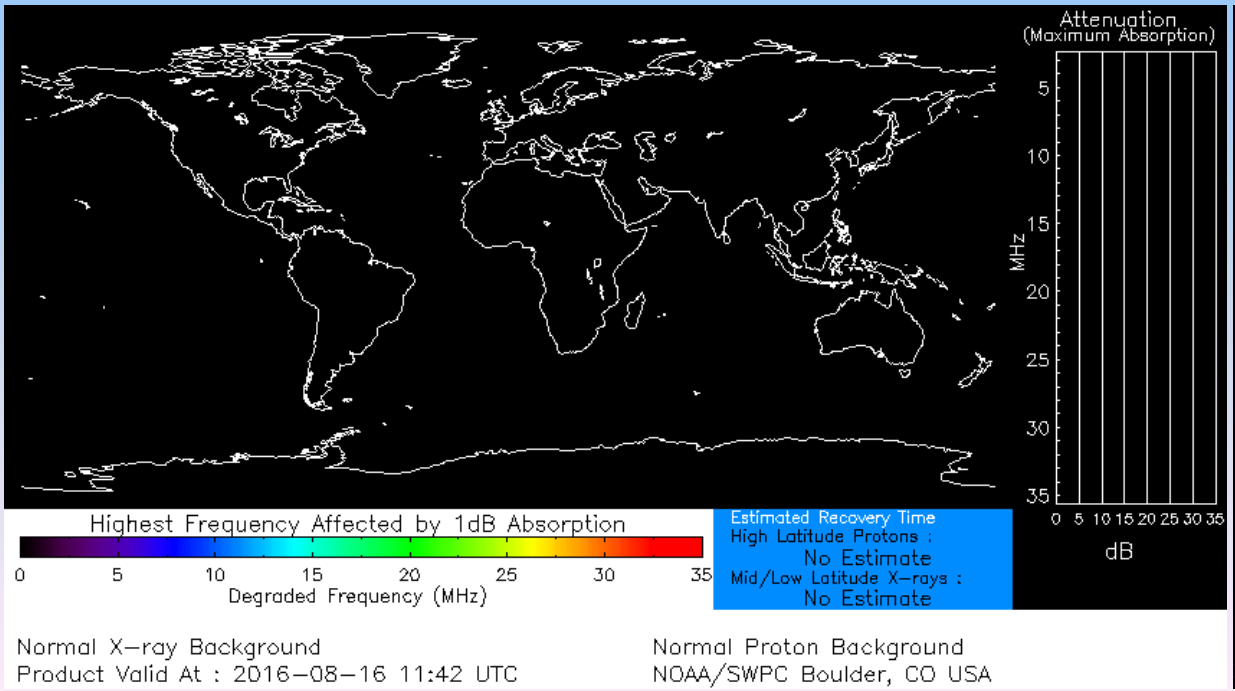
Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)				
State	Current	Last Week	3 Months Ago	1 Year Ago
Oklahoma	0.00%	0.00%	0.00%	0.00%
Texas	0.00%	0.00%	0.00%	0.00%
Arkansas	0.00%	0.00%	0.00%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%
New Mexico	0.00%	0.00%	0.00%	0.00%

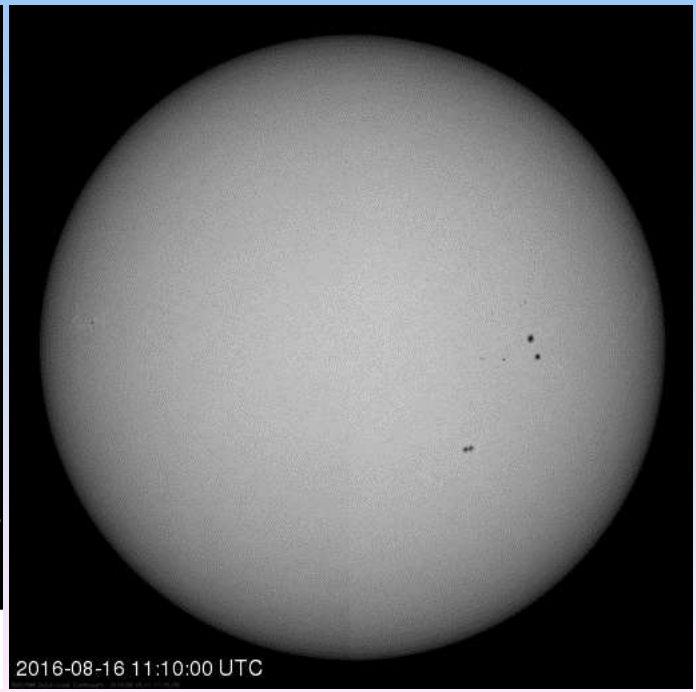
Space Weather 3-Day Forecast

	Tuesday	Wednesday	Thursday
Geomagnetic Storms	Quiet to Unsettled (Max Kp = 3)	Quiet (Max Kp = 2)	Quiet to Unsettled (Max Kp = 3)
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]





Information provided by:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (817) 978-1100 x147
E-mail: sr-srh.roc@noaa.gov
Web: http://www.srh.noaa.gov

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

twitter @NWS_Southern_US https://twitter.com/NWS_Southern_US

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	**Very Common** Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	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	• 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 seabreeze storms in coastal TX
Yellow	**Somewhat Common – Happens Frequently** Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	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	• 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	**Uncommon – A Few Times a Year** Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	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	• 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	**Rare – Once every 1-5 Years** Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	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	• 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	**Very Rare – Once Every 5-10 Years** 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	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	• 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