



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 23, 2016

Issued: 0800 CT

River Flooding: Moderate/Major River Flooding continues across parts of SW LA and S-Central TX.

Flash Flooding: Isolated flash flooding possible in W TX and NM.

National Weather Service

*Southern Region Headquarters
Regional Operations Center
Fort Worth, TX*



**Prepared by: Jennifer McNatt
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Key Points



Today

- **Back water/river flooding continues over SW LA**
 - **Lower reaches of the Calcasieu, Mermentau, and Vermillion Rivers are still high**
 - **Scattered afternoon showers/tstms possible over impacted areas could impact recovery efforts and lead to isolated flash flooding**
- **Moderate to Major river flooding continues over S-Central TX; San Antonio River and Nueces River are rising today**
- **Marginal risk of flash flooding in W TX and NM**

Wednesday – Saturday

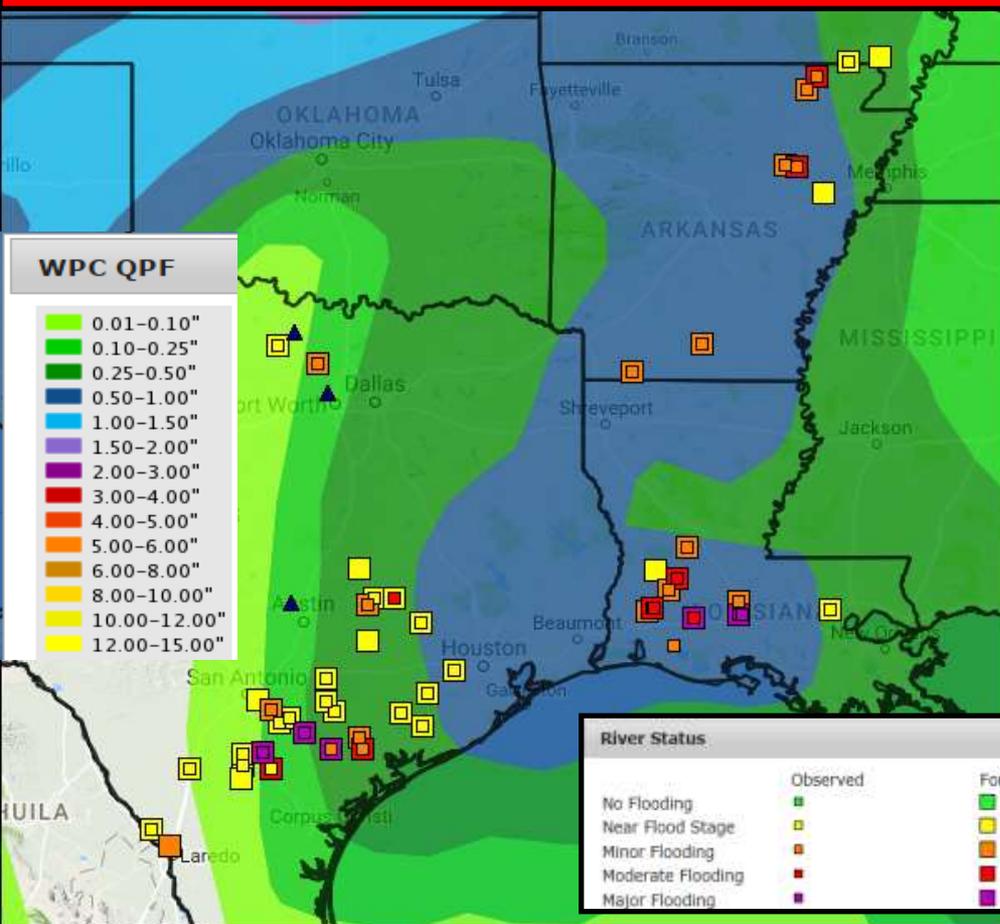
- **Isolated flash flooding possible over W TX, W OK, N NM on Wednesday**
- **Scattered afternoon showers/tstms possible over impacted areas in S LA could impact recovery efforts and lead to temporary flash flooding**

Tropical Outlook

- **Tropical Depression Fiona and Tropical Storm Gaston will not have an impact on F6**
- **A tropical wave is located a few hundred miles E of the Leeward Islands**
 - **Conditions are somewhat favorable for development in the next few days**

River Flood Status/5 Day Forecast Rainfall

- Moderate to Major River Flooding continues across portions of SW LA
- Significant back water flooding will continue across much of S LA with a very slow recession
- Moderate to Major River Flooding observed and forecast in S-Central TX



- The San Antonio River is rising and has just crested at Runge and is forecast to crest at Goliad early Thursday, impacting Goliad State Park and agriculture in the area

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

FEMA JFO Baton Rouge, LA

WHAT: flooding persists over S LA.

WHEN: flooding will persist through the week.

WHERE: Vermillion near Lafayette, Calcasieu and Mermentau.

Expected Impacts:

- Scattered showers and thunderstorms may produce rainfall of one half inch with isolated locally higher amounts of 1 to 2 inches during the afternoon hours.
- For areas South of I-12, significant backwater flooding issues persist especially along Bayou Manchac and Alligator Bayou in Ascension and Iberville Parishes. Backwater flooding issues elsewhere should slowly improve as river levels continue to fall along the Amite over the next several days. The latest river forecasts can be seen on the [Advanced Hydrologic Prediction Service web page](#).
- Heat index values of 100 to 106 degrees can be expected during the late morning and afternoon hours where showers and thunderstorms do not occur. Those without air conditioning, first responders and relief workers should be monitored for heat related illnesses.

Today

Tonight

Wednesday

Wednesday
Night

Thursday

Thursday
Night

Friday

Friday
Night

Saturday



Chance
T-storms

High: 95 °F



Slight Chance
T-storms then
Partly Cloudy

Low: 76 °F



Chance
T-storms

High: 92 °F



Slight Chance
T-storms

Low: 76 °F



T-storms
Likely

High: 91 °F



Chance
T-storms

Low: 74 °F



Slight Chance
T-storms

High: 92 °F



Partly Cloudy

Low: 74 °F



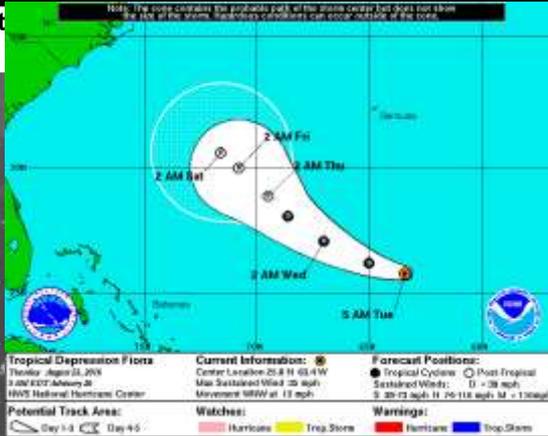
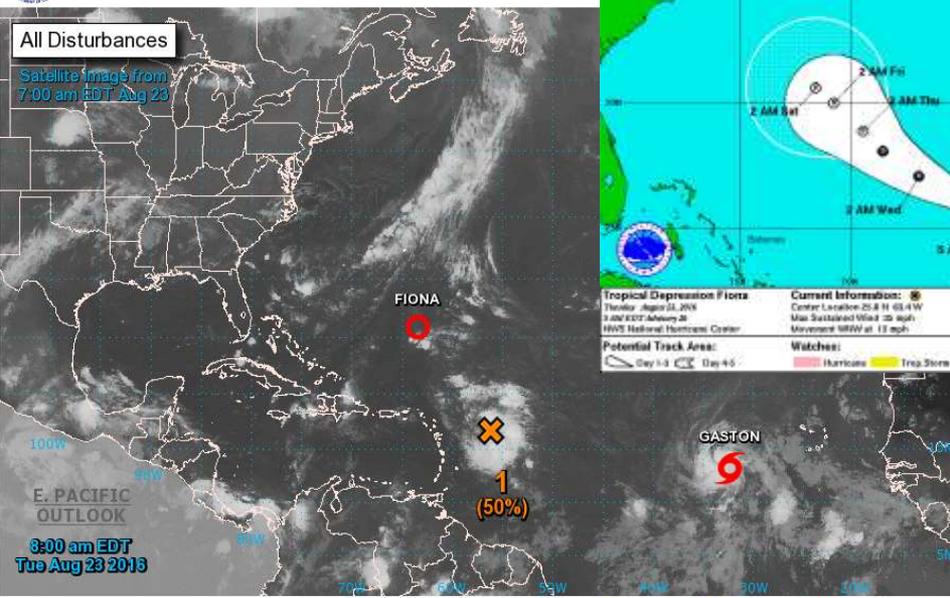
Slight Chance
T-storms

High: 92 °F

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

Tropical Weather Outlook

Two-Day Graphical Tropical Weather Outlook National Hurricane Center Miami, Florida



No impacts to FEMA VI from Tropical Depression Fiona or TS Gaston



Current Disturbances and Two-Day Cyclone Formation Chance: ✕ < 40% ✕ 40-60% ✕ > 60%

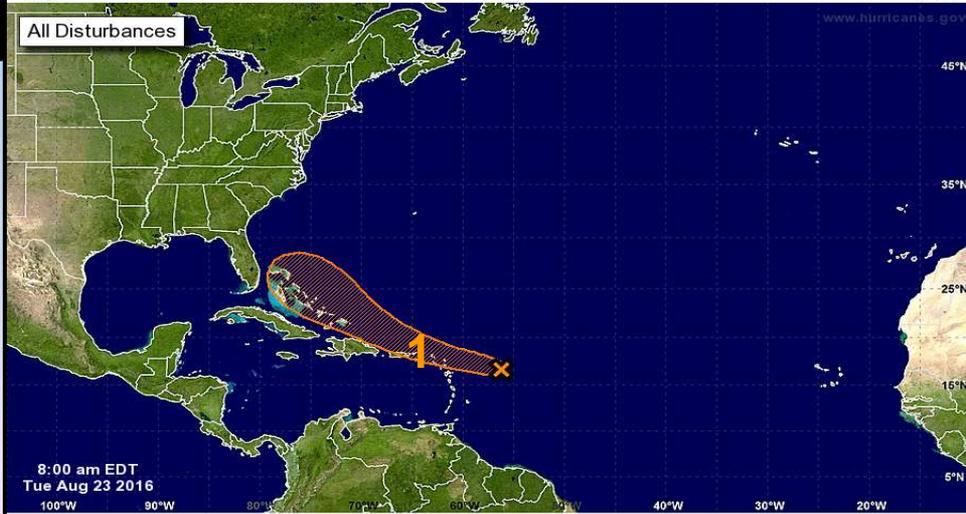
Tropical or Sub-Tropical Cyclone: ○ Depression ● Storm ● Hurricane

○ Post-Tropical Cyclone ✕ Remnants

1 – Conditions are somewhat conducive for development as this disturbance moves W-NW. Conditions are more conducive for development by late this week when the system is forecast to move near Hispaniola and Puerto Rico, and the SE and Central Bahamas.

- Formation chance through 48 hours ... 50 percent
- Formation chance through 5 days...medium...60 percent

Five-Day Graphical Tropical Weather Outlook National Hurricane Center Miami, Florida



Tropical Cyclone Formation Potential for the Five-Day Period Ending at 8:00 am EDT Sun Aug 28 2016

Chance of Cyclone Formation in Five Days: ■ Low < 40% ■ Medium 40-60% ■ High > 60%

X indicates current disturbance location; shading indicates potential formation area.

*FEMA Region 6 Threat Matrix

Aug 23, 2016 - Aug 27, 2016

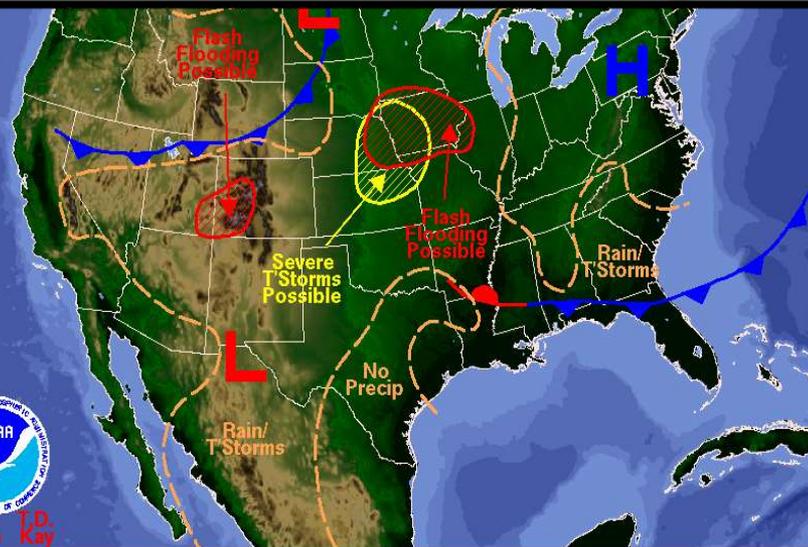
DAY/ THREAT	TUE	WED	THU	FRI	SAT
Severe Weather					
Heavy Rain/ Flash Flooding	W TX, NM	W TX, W OK, N NM			
Fire Weather					
Heat					
River Flooding	S LA, S-Central TX	S LA, S-Central TX	S LA	S LA	S LA

	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

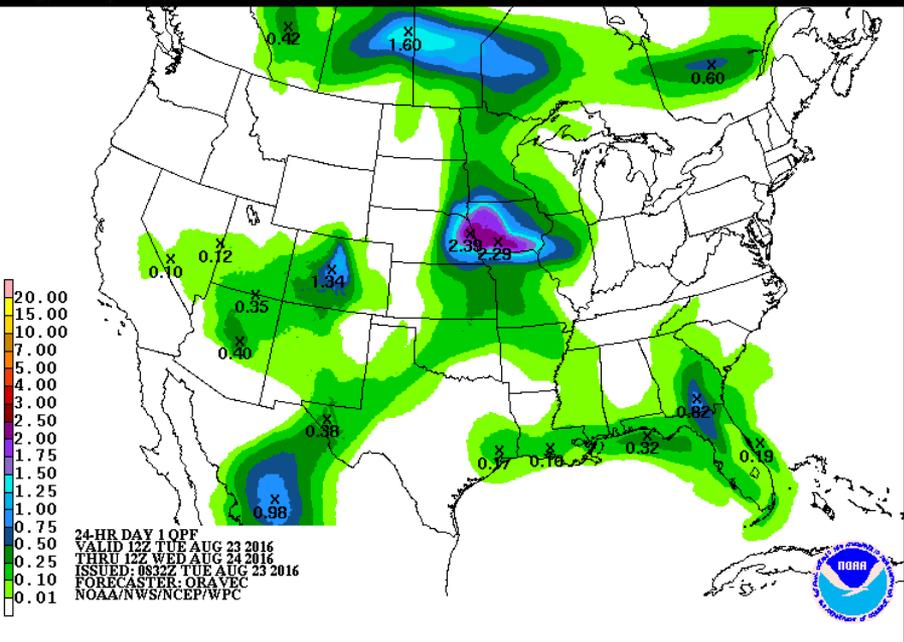


Moderate/Major River Flooding continues over SW LA and S-Central TX

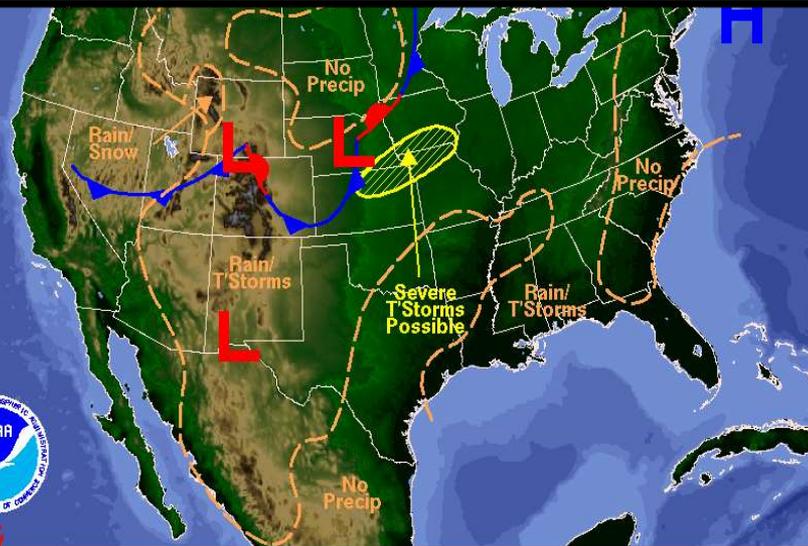
Isolated flash flooding possible over W TX into NM



Weather Forecast for Tue, Aug 23, 2016, issued 4:47 AM EDT
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by McReynolds based on WPC, SPC and NHC forecasts



Tomorrow's Weather

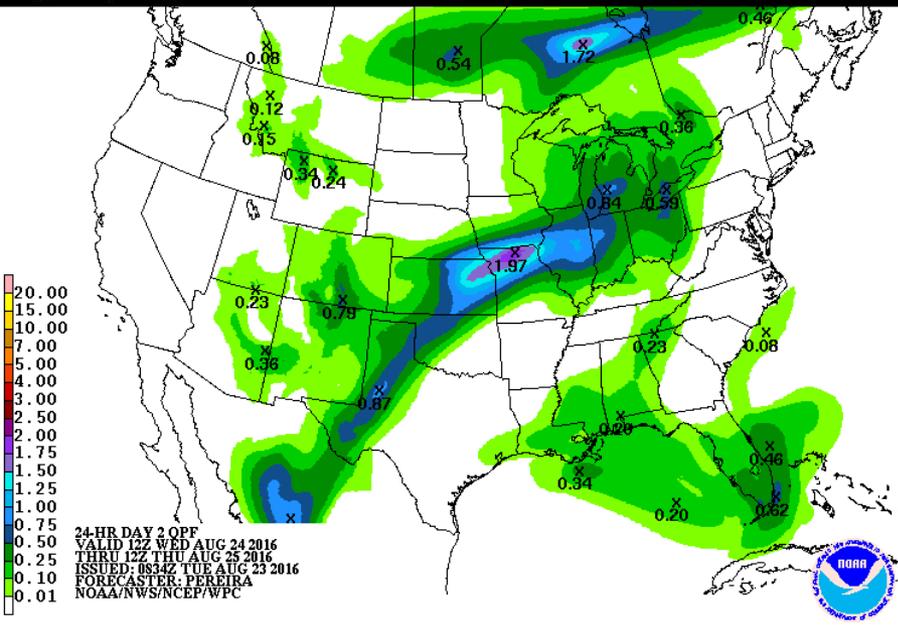


Moderate/Major River Flooding continues over SW LA and S-Central TX

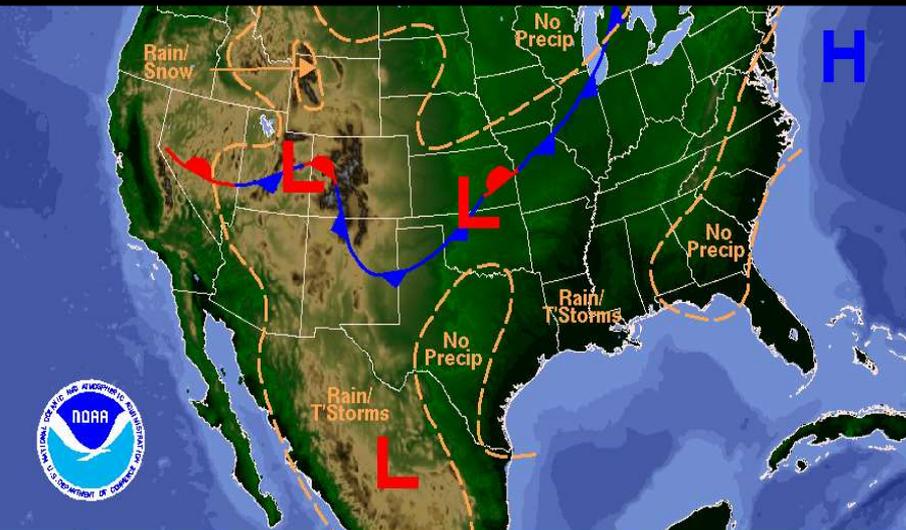
Isolated flash flood threat continues over W TX, W OK, N NM



Weather Forecast for Wed, Aug 24, 2016, issued 4:50 AM EDT Tue, Aug 23, 2016
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by McReynolds based on WPC, SPC and NHC forecasts



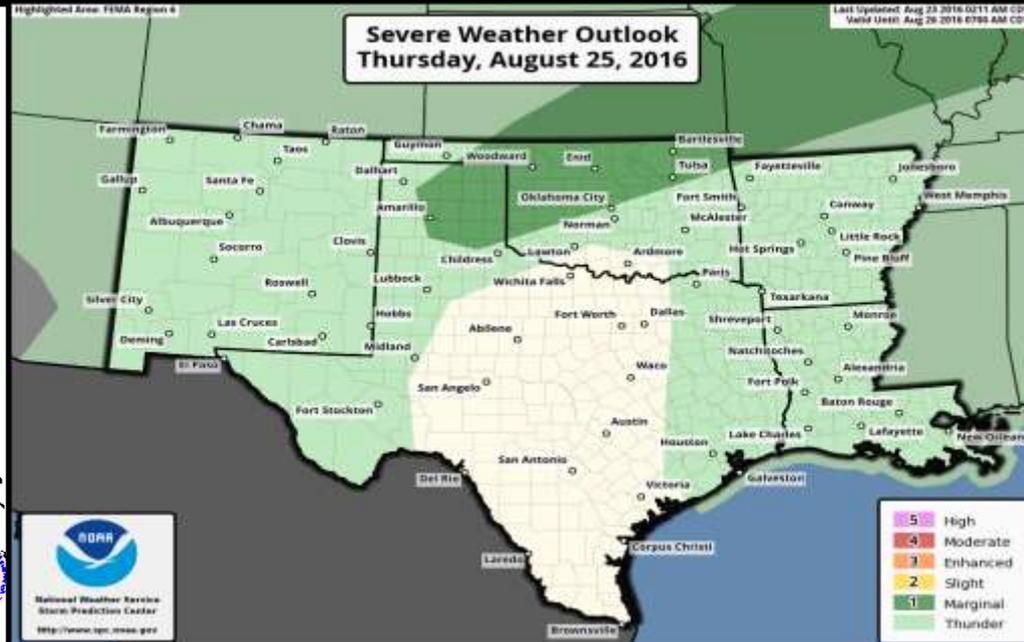
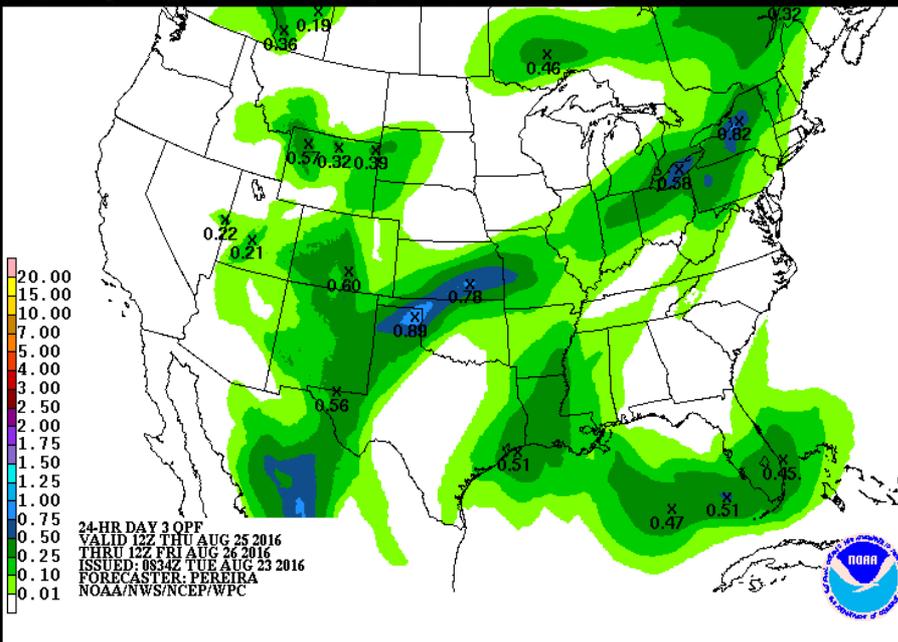
Thursday's Weather



Weather Forecast for Thu, Aug 25, 2016, issued 4:53 AM EDT Tue, Aug 23, 2016
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by McReynolds based on WPC, SPC and NHC forecasts

Moderate/Major River Flooding continues over S LA, some river flooding expected to be ongoing in S-Central TX although most points should be receding.

Isolated flash flood threat continues over W OK and NW TX. Some heavier rainfall also possible over S LA; this could delay the fall of some of the rivers/creeks.



Day 4-5 Weather Hazards

Valid: 0800 Fri - 0800 Sun



Scattered showers/thunderstorms are likely to continue over the Region into early next week. Previously flooded areas will be more sensitive to flash flooding with additional rainfall.

Widespread heavy rain/flooding and/or severe weather is not expected.

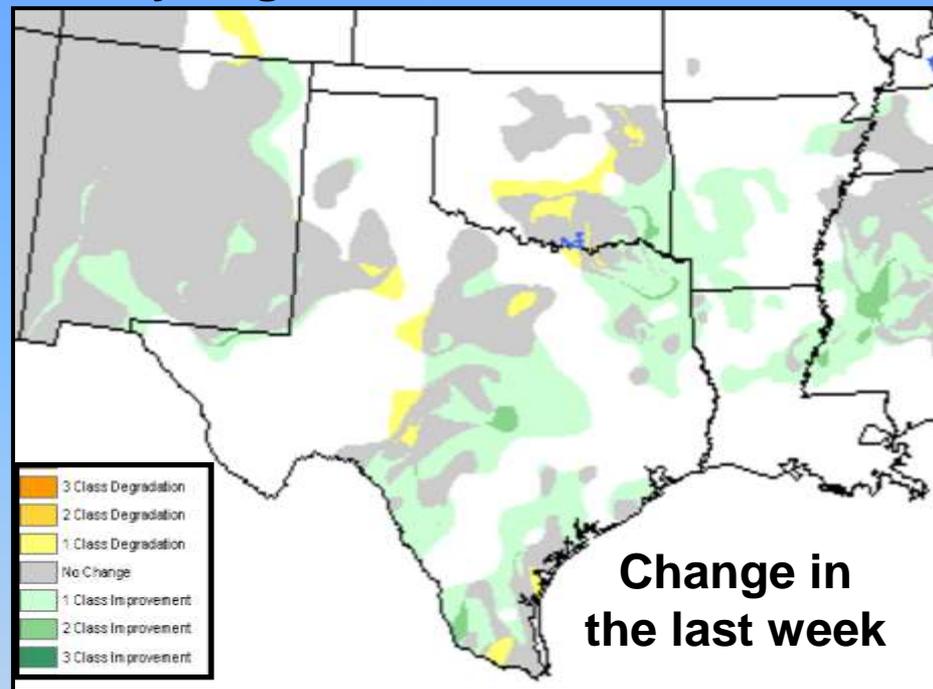
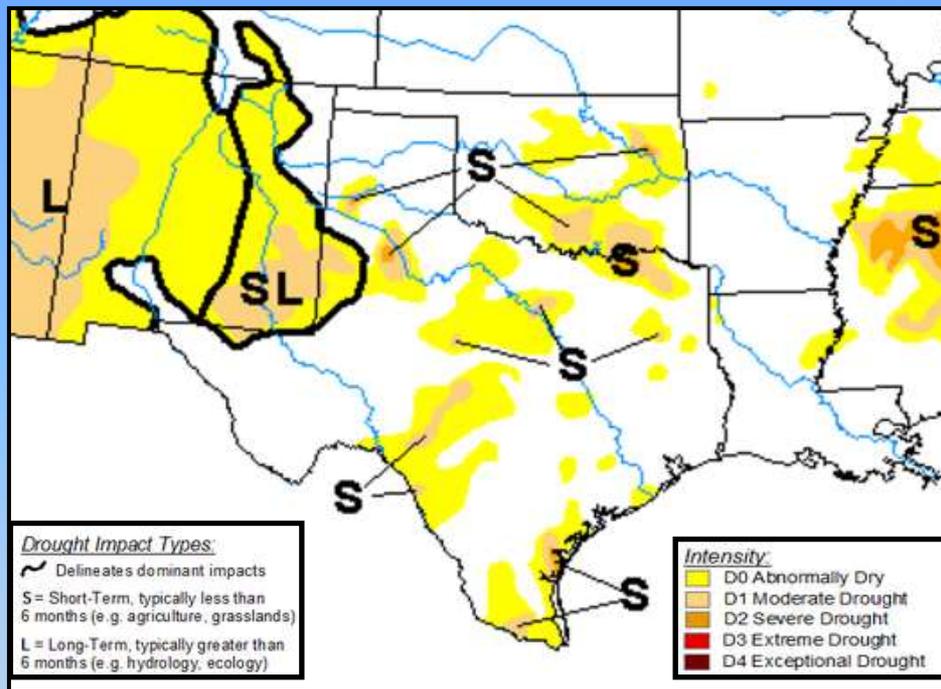
	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

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



Drought Monitor Released August 18, 2016

Data valid as of 7am CDT, Thursday August 16, 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	0.18%	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%

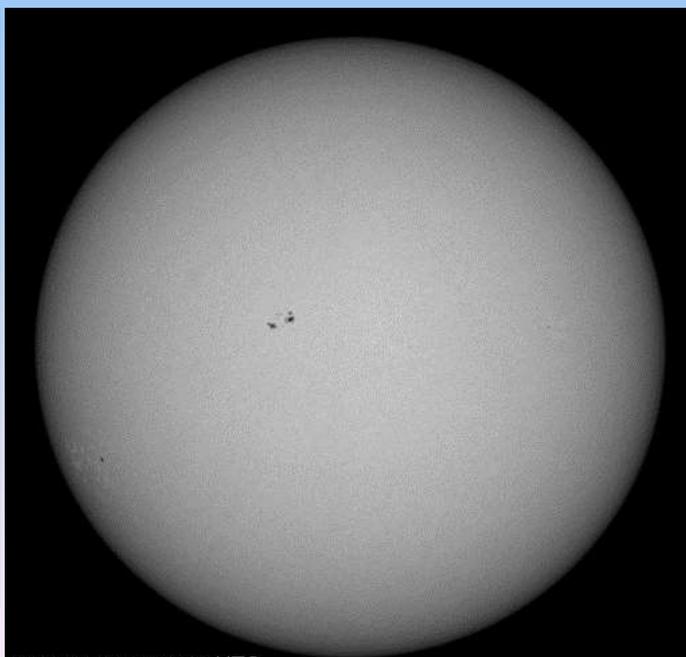
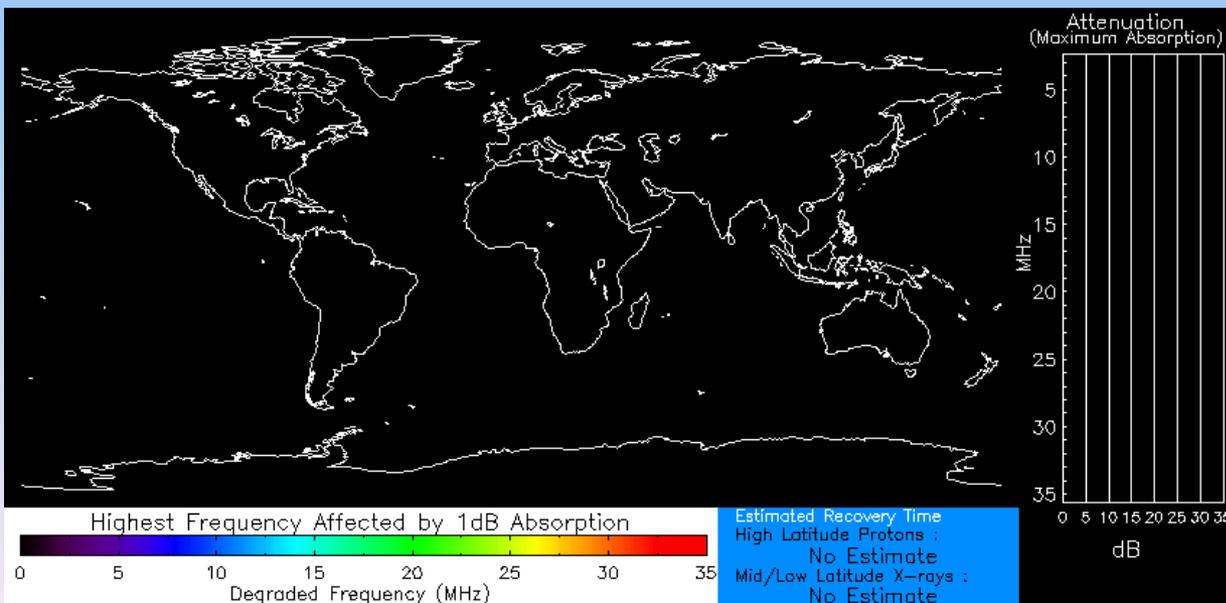
Space Weather 3-Day Forecast



	Tuesday	Wednesday	Thursday
Geomagnetic Storms	Quiet to Unsettled (Max Kp = 3)	Unsettled to Active (Max Kp = 4)	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](#)



Normal X-ray Background
 Product Valid At : 2016-08-23 10:56 UTC

Normal Proton Background
 NOAA/SWPC Boulder, CO USA

2016-08-23 10:22:00 UTC

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>

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

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@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	<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