



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

Sunday, August 28, 2016

Issued: 0800 CT

River Flooding: Minor to moderate river flooding continues across SW LA and SE TX; points continue a slow fall.

Isolated heavy rain along the TX and LA Gulf Coast, as well as NM into W & NW TX.

National Weather Service

Southern Region Headquarters
Regional Operations Center
Fort Worth, TX



Prepared by: Jennifer McNatt
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Key Points



Today and Monday

- Heavy rainfall possible over SE TX and coastal LA today and coastal TX/SE LA on Monday; any flooding would be highly localized
- Heavy rain remains possible over S & E NM, as well as W and NW TX both days

Tuesday - Thursday

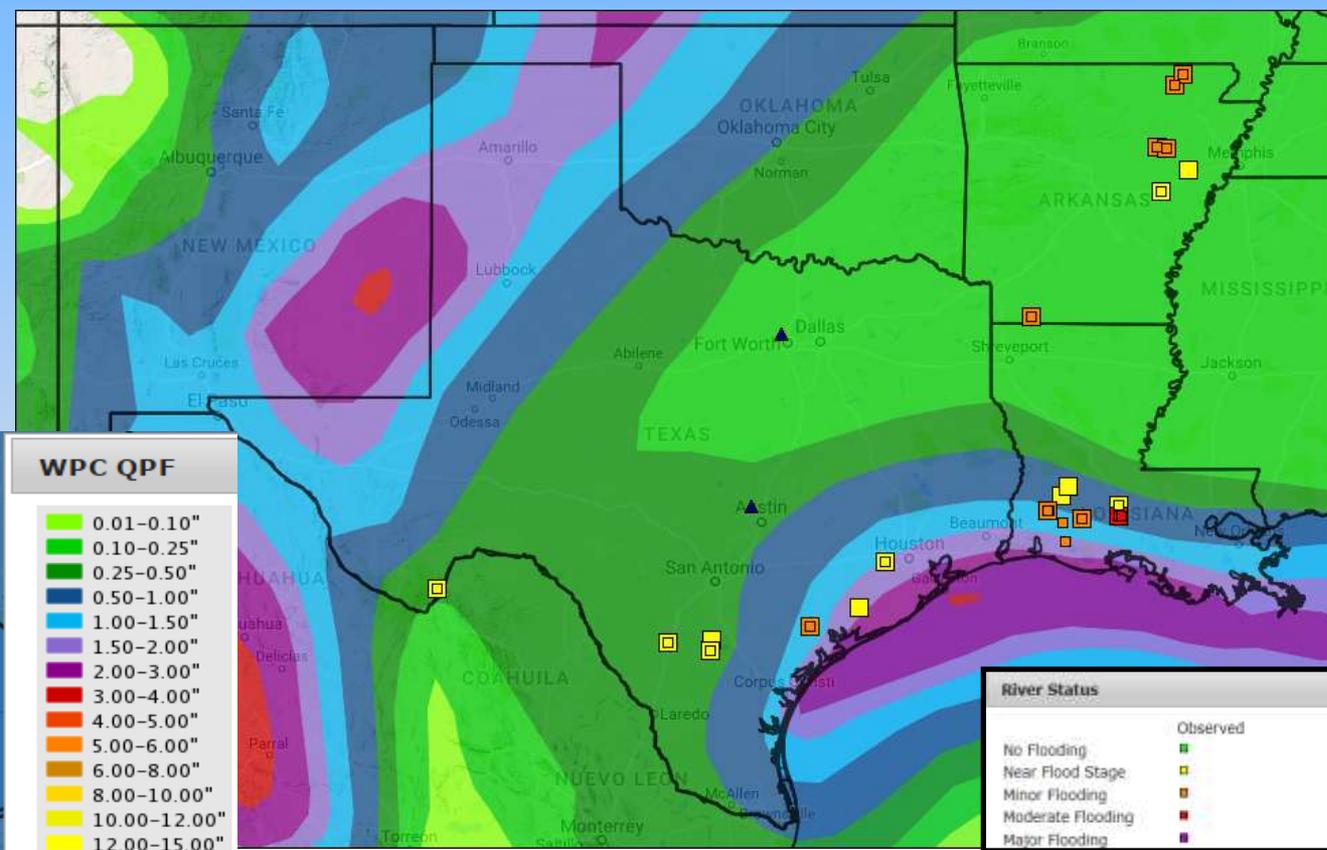
- By Tuesday, rainfall near the Gulf Coast should be diminishing
- Some heavy rain threat over SE NM into W & NW TX will likely continue
- Right now, it appears that any impacts from 99L should remain east of Region VI

Tropical Outlook

- Hurricane Gaston will not have any impacts to FEMA VI
- A weak area of low pressure is located near the north coast of central Cuba.
 - Conditions are not conducive for significant development today while this system moves westward through the Straits of Florida. This low is expected to move into the SE Gulf on Monday, where conditions could become somewhat favorable for development. As of now, it appears that any impacts from this system would remain east of Region VI
- A tropical wave is expected to move offshore of the west coast of Africa on Tuesday. Conditions are expected to be favorable for development of this system later this week while it moves westward over the tropical eastern Atlantic

River Flood Status/5 Day Forecast Rainfall

- Locations in southwest Louisiana will continue a very slowly fall
- Rivers in SE TX should fall below flood stage today
- Most of the rainfall in S LA stay south of the previously impacted areas
- Some additional flooding in SE TX will be possible depending on the location of any heavy rainfall in the next several days



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

Overview:

WHAT: Area of disturbed weather over the northwest Gulf of Mexico and watching the tropics for 99L for next week.

WHEN: Over the weekend and next week.

WHERE: Moderate to heavy rainfall along the Louisiana coast through Monday. Impacts from 99L still uncertain over the outlook area.

Expected Impacts:

Today Through Monday –

Scattered to numerous showers and thunderstorms through Monday - more concentrated across Louisiana coastal areas.

This activity is associated with disturbed weather in the northwest Gulf.

Locally heavy rain possible on immediate coast.

Tides 0.5 to 1 ft above normal due to east wind of 10 to 15 knots across the coastal waters.

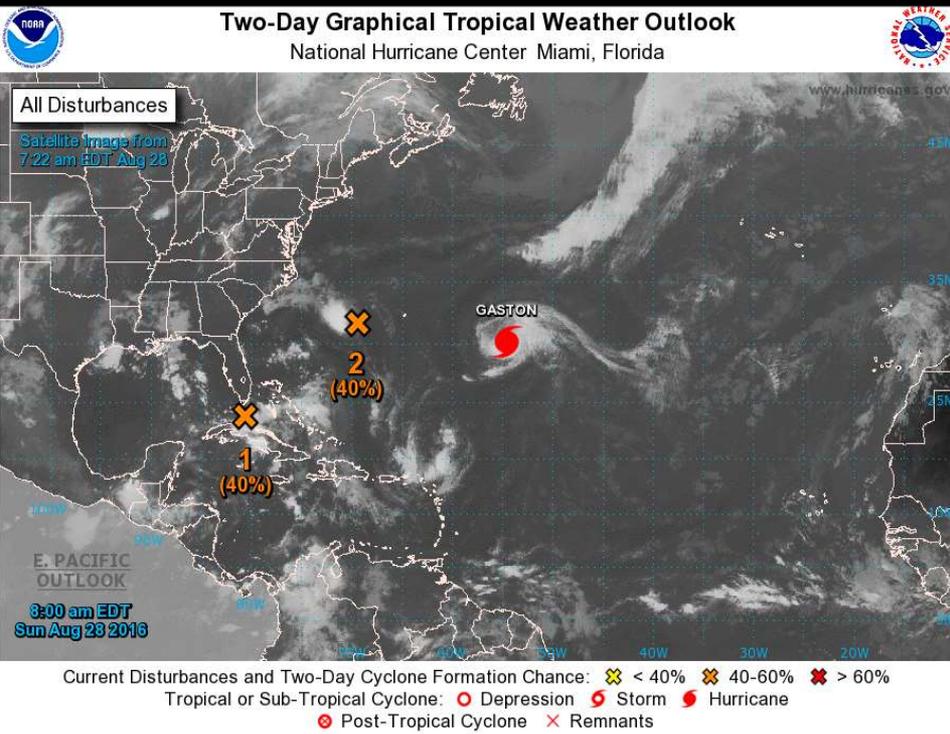
Depending on development and westward track of 99L as it enters Gulf – may see an increase in rain chances and increase in tides by mid or late week.

Baton Rouge Forecast:

Today	Tonight	Monday	Monday Night	Tuesday	Tuesday Night	Wednesday	Wednesday Night	Thursday
								
60%	30%	40%	20%	20%	20%	20%	20%	
T-storms Likely	Chance T-storms	Chance T-storms	Slight Chance T-storms	Slight Chance T-storms	Slight Chance T-storms	Slight Chance T-storms	Slight Chance T-storms	Slight Chance T-storms
High: 89 °F	Low: 73 °F	High: 90 °F	Low: 73 °F	High: 93 °F	Low: 73 °F	High: 93 °F	Low: 75 °F	High: 93 °F

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

Tropical Weather Outlook



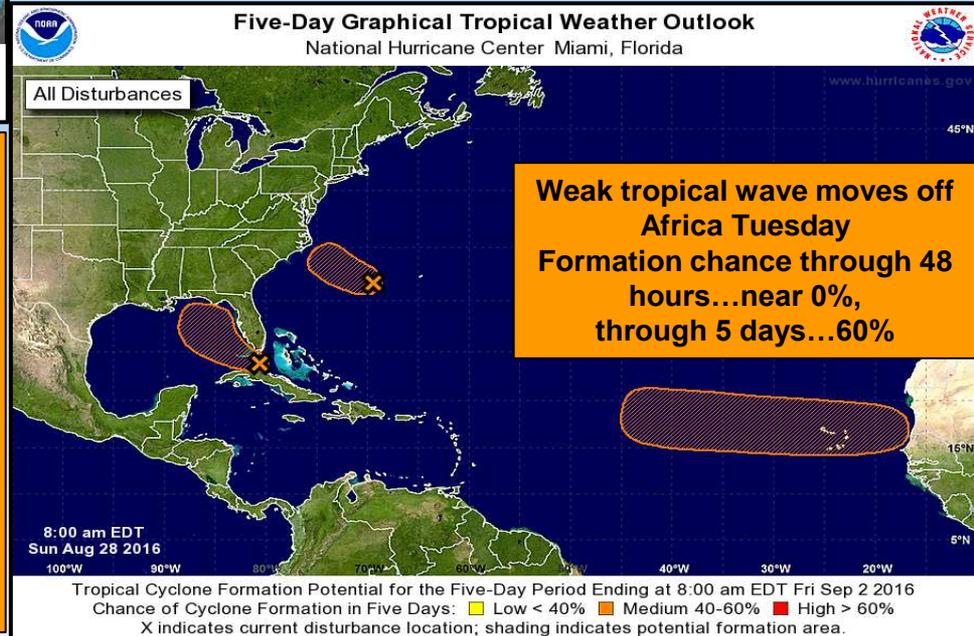
No impacts to FEMA VI from Tropical Storm Gaston

2. An area of low pressure is located about 250 miles west of Bermuda. Some additional development of this system is possible during the next day or so while it moves W-NW. As it approaches the coast of NC by mid-week, conditions are expected to become unfavorable for further development.

- Formation chance through 48 hours ... 40 percent
- Formation chance through 5 days...40 percent

1. A weak area of low pressure is located near the north coast of central Cuba. Conditions are not conducive for significant development today while this system moves westward through the Straits of Florida. This low is expected to move into the SE Gulf on Monday, where conditions could become somewhat favorable for development. Regardless of development, gusty winds and heavy rainfall will be possible over FL beginning today.

- Formation chance through 48 hours ... 40 percent
- Formation chance through 5 days...60 percent



*FEMA Region 6 Threat Matrix

Aug 28, 2016 - Sep 1, 2016

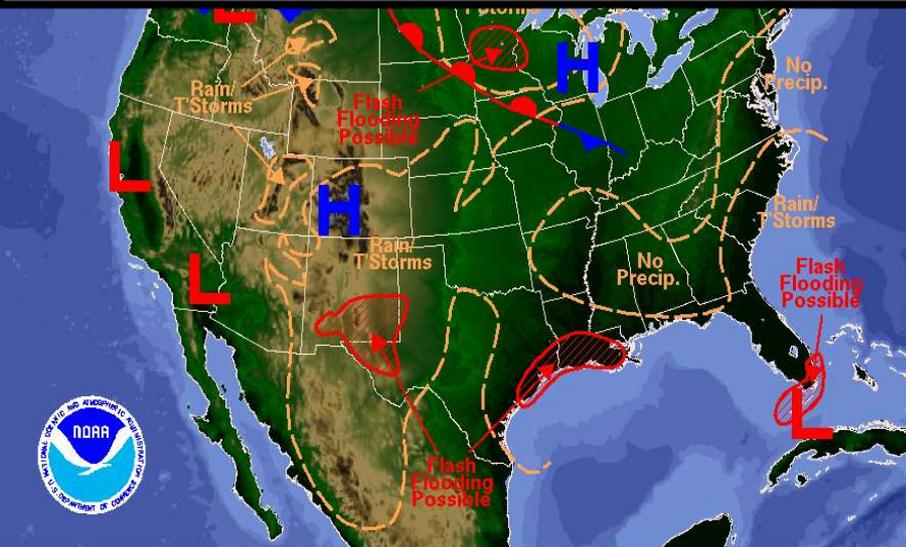
	SUN	MON	TUE	WED	THU
Severe Weather					
Heavy Rain / Flash Flooding	NM, W TX, NW TX SE TX, S LA	E NM, W TX, NW TX Coastal TX, SW LA	SE NM, W TX, NW TX	SE NM, NW TX	SE NM, NW TX
Tropical					
Heat					
River Flooding	SW LA, SE TX	SW LA	SW LA	SW LA	SW LA

- 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.



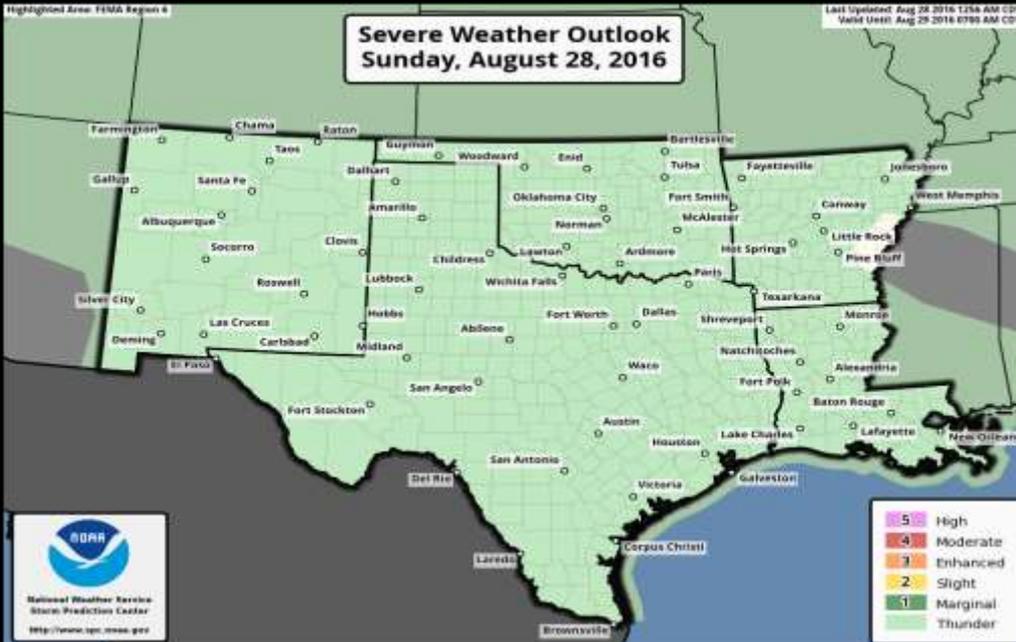
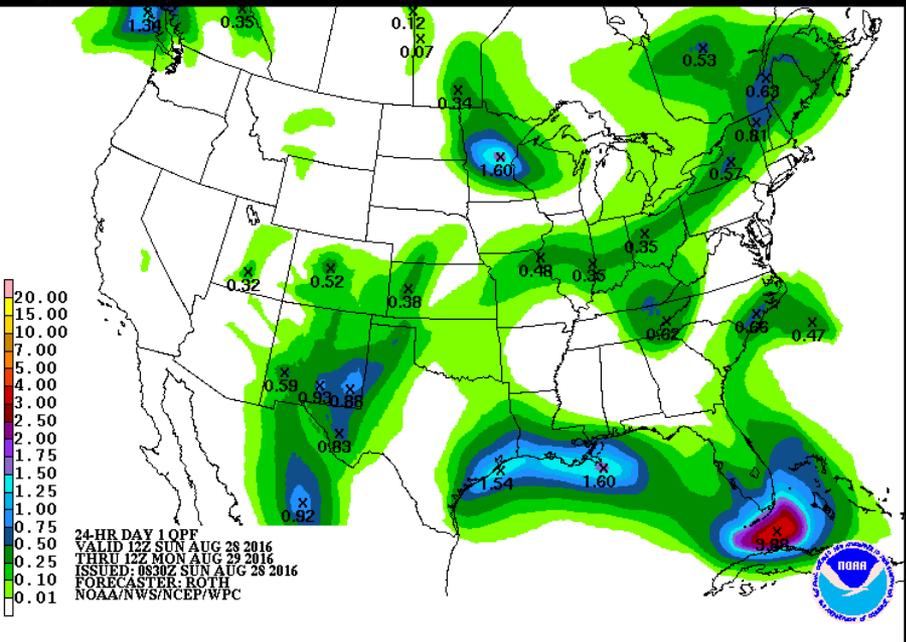
Today's Weather



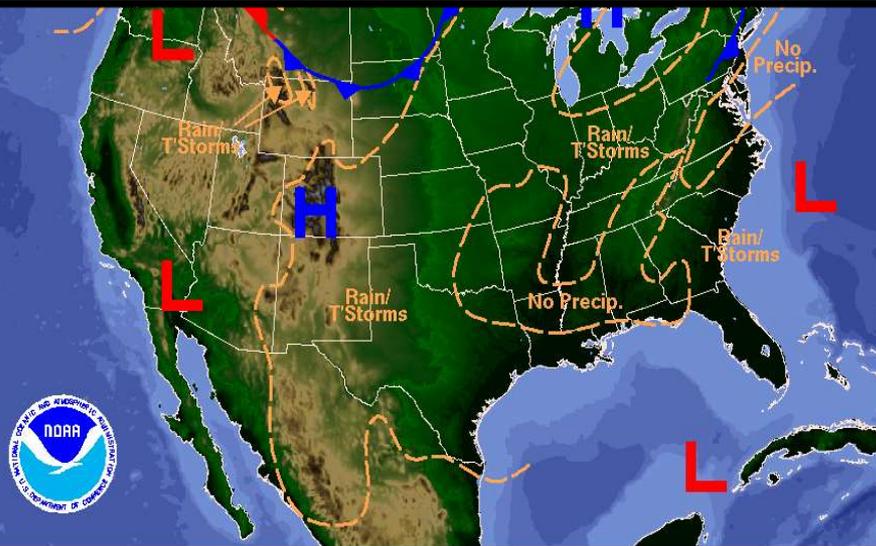
Minor/Moderate River Flooding continues over SW LA and SE TX but points continue to recede.

Some heavy rainfall/isolated flooding possible for two different areas: 1. NM into W TX and NW TX 2. SE TX into S LA

Weather Forecast for Sun, Aug 28, 2016, issued 4:32 AM EDT
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by Kong based on WPC, SPC and NHC forecasts



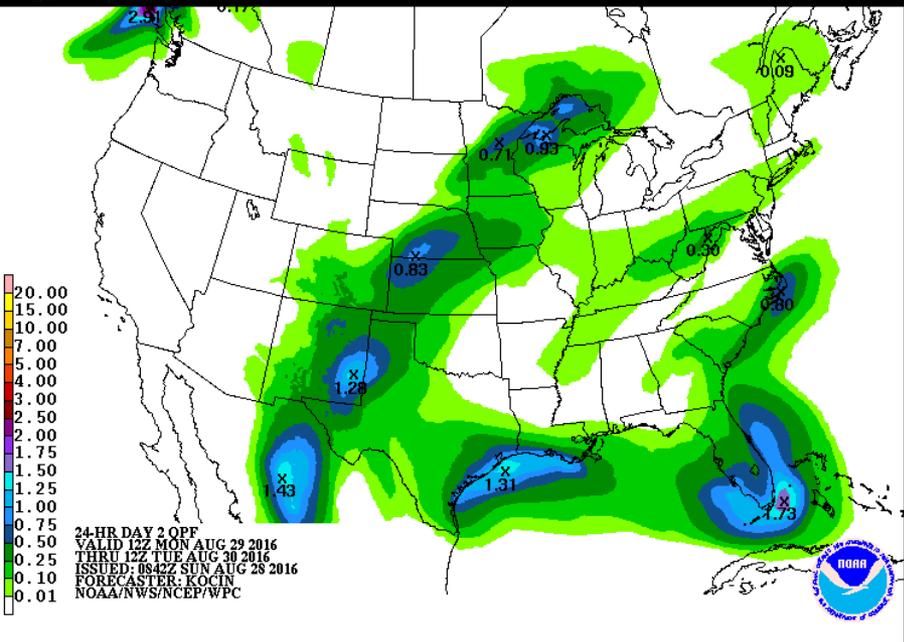
Tomorrow's Weather



Minor/Moderate River Flooding continues over SW LA and SE TX.

Some heavy rainfall/isolated flooding possible for two different areas: 1. E NM into W TX and NW TX 2. Coastal TX into SW LA

Weather Forecast for Mon, Aug 29, 2016, issued 4:47 AM EDT Sun, Aug 28, 2016
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by Kong based on WPC, SPC and NHC forecasts



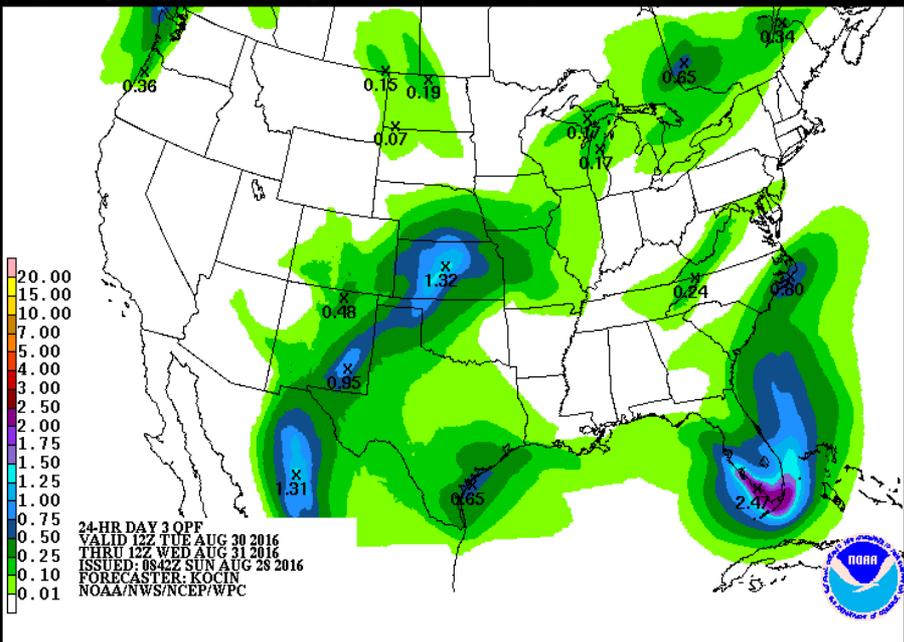
Tuesday's Weather



Weather Forecast for Tue, Aug 30, 2016, issued 4:55 AM EDT Sun, Aug 28, 2016
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by Kong based on WPC, SPC and NHC forecasts

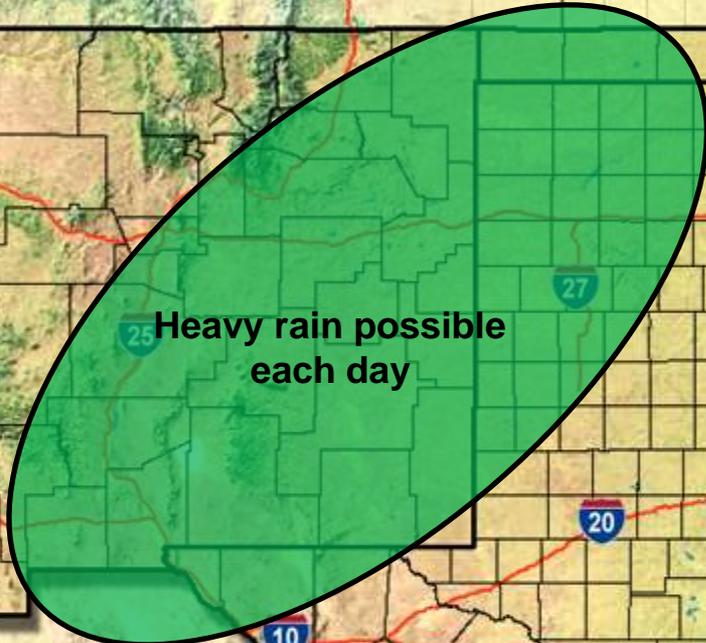
Minor/Moderate River Flooding continues over SW LA and SE TX.

Some heavy rainfall/isolated flooding possible over SE NM into W TX & NW TX



Day 4-5 Weather Hazards

Valid: 0800 Wed - 0800 Fri



Heavy rain possible
each day

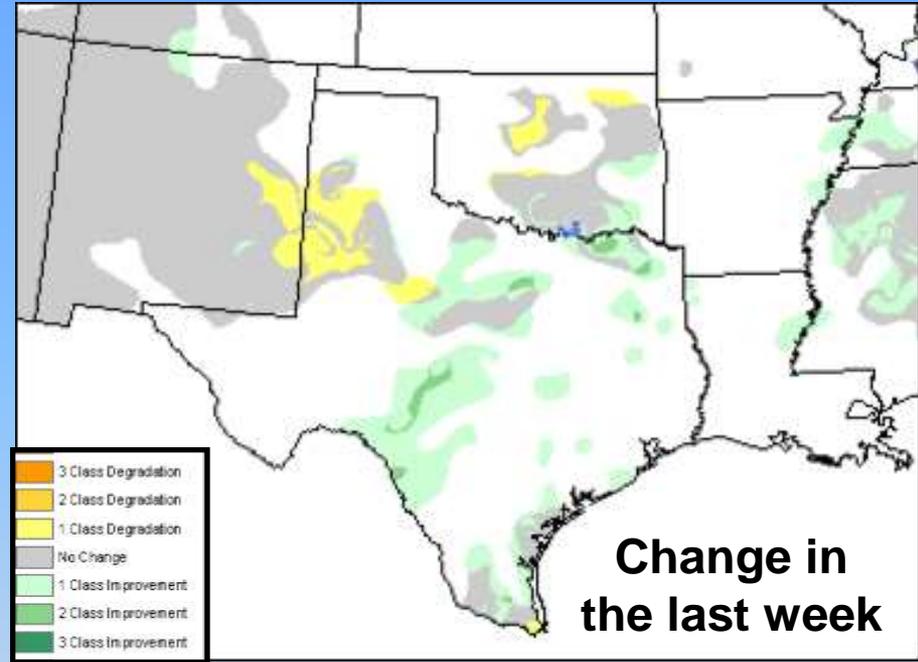
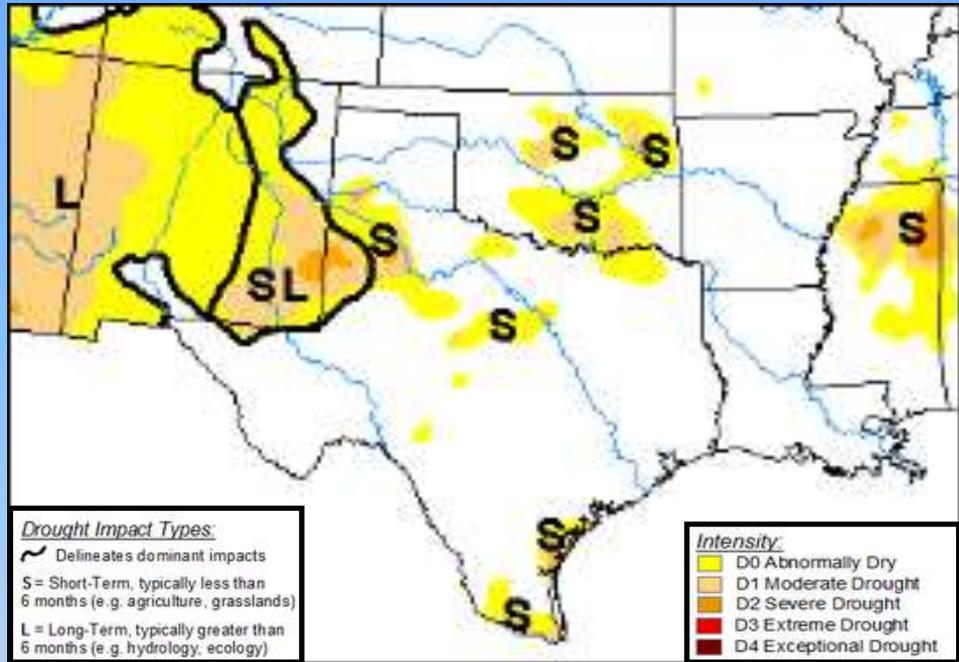
-  No Weather Threats Expected
-  Very Common – Happens Often
-  Common – Happens Frequently
-  Uncommon – A Few Times a Year
-  Rare – Once Every 1-5 Years
-  Very Rare – Once Every 5-10 Years

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



Drought Monitor Released August 25, 2016

Data valid as of 7am CDT, Tuesday August 23, 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%

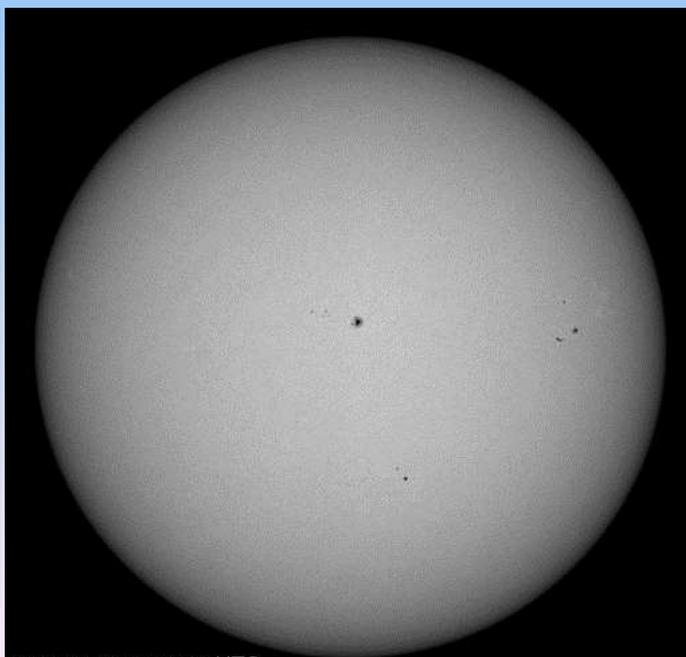
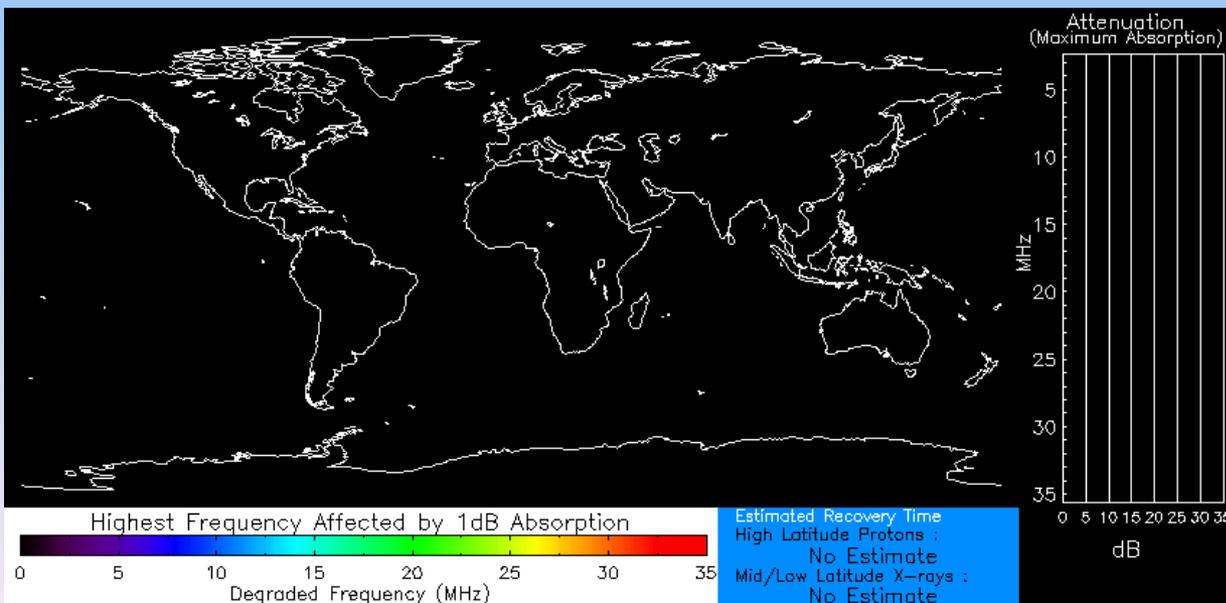
Space Weather 3-Day Forecast



	Sunday	Monday	Tuesday
Geomagnetic Storms	Quiet (Max Kp = 2)	Minor (G1) Storm (Max Kp = 5)	Unsettled to Active (Max Kp = 4)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	5%	5%	5%
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 : 2016-08-28 11:59 UTC

Normal Proton Background
NOAA/SWPC Boulder, CO USA

2016-08-28 11:22:00 UTC

Information provided by:



National Weather Service
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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