



# 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

Saturday, August 27, 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 SW NM.

**Heavy rain** more likely over extreme SE TX and Coastal LA; some flash flooding possible.

National Weather Service

Southern Region Headquarters  
Regional Operations Center  
Fort Worth, TX



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# Key Points



## Today

- Minor to moderate river flooding continues over SE TX and SW LA; will continue a slow fall
- Isolated heavy rainfall possible along the TX and LA Coast, as well as SW NM
  - Heavy rainfall is more likely over extreme SE TX and extreme coastal LA; some flash flooding possible

## Sunday - Wednesday

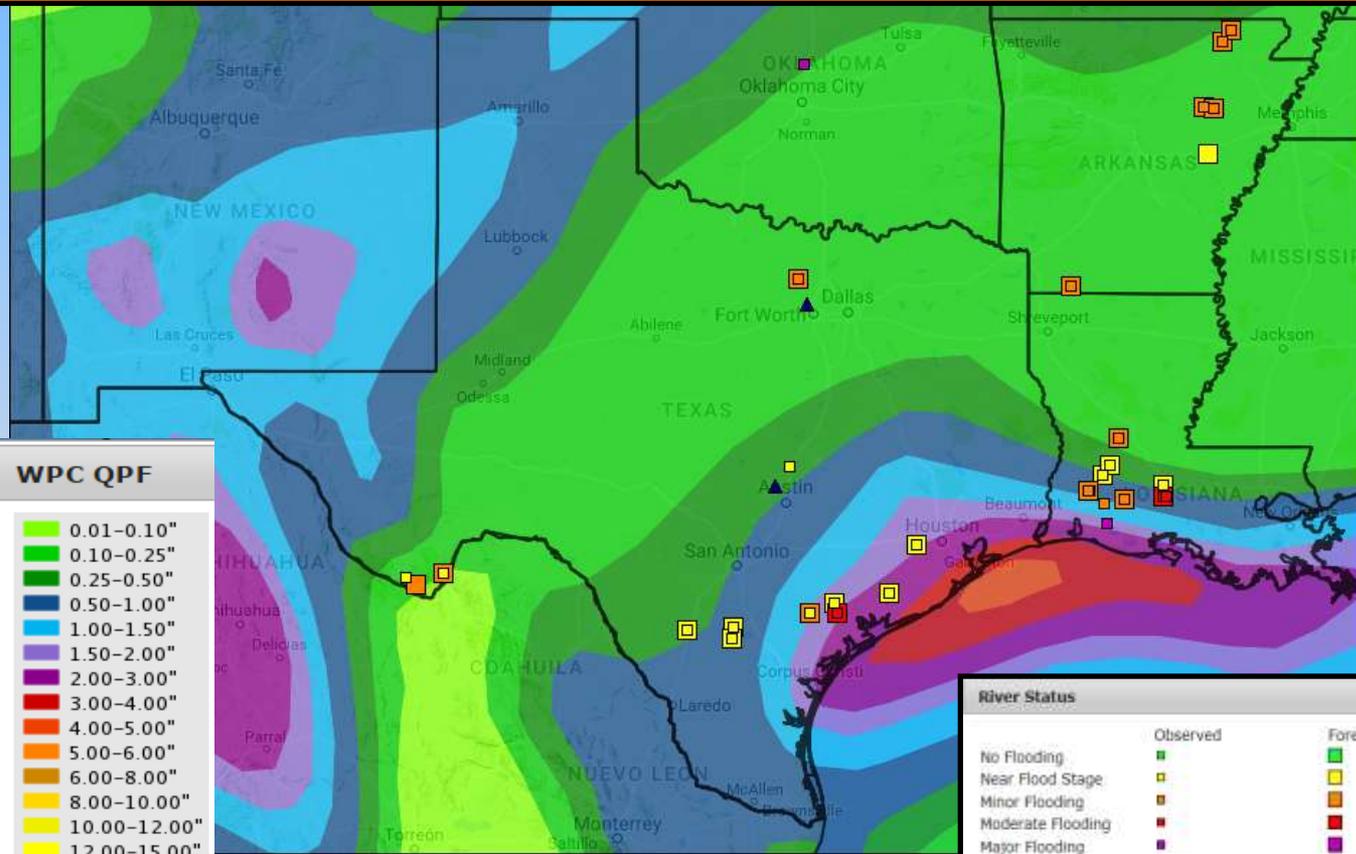
- Heavy rainfall possible over SE TX and extreme coastal LA on Sunday and coastal TX on Monday
- Heavy rain remains possible over W TX as well as S and E NM both days and into the Panhandles on Monday

## Tropical Outlook

- Tropical Storm Gaston will not have any impacts to FEMA VI
- 99L is located south of Andros Island in the Bahamas; development is not expected in the next day or two as it moves W-NW through the Straits of FL
  - Some development may be possible when the system moves into the eastern Gulf of Mexico next week
- A broad area of low pressure is centered about 130 miles SW of Bermuda
  - Forecast to move W & W-NW towards the coast of the Carolinas in the next few days; development is likely to be slow to occur

# River Flood Status/5 Day Forecast Rainfall

- Locations in southwest Louisiana will continue a very slowly fall
- Rivers in SE TX will also continue to fall
- Most of the rainfall in S LA will be 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 northern Gulf of Mexico and watching the tropics for 99L next week.

**WHEN:** Over the weekend and next week.

**WHERE:** Moderate to heavy rainfall along the Louisiana coast over the weekend. 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 middle and west 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.
- 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 next week.

## Baton Rouge Forecast:

Today

Tonight

Sunday

Sunday  
Night

Monday

Monday  
Night

Tuesday

Tuesday  
Night

Wednesday



50%

Chance  
T-storms



40%

Chance  
T-storms



60%

T-storms  
Likely



40%

Chance  
T-storms



40%

Chance  
T-storms



20%

Slight Chance  
T-storms



20%

Slight Chance  
T-storms



Mostly Cloudy



Slight Chance  
T-storms

High: 90 °F

Low: 74 °F

High: 89 °F

Low: 74 °F

High: 90 °F

Low: 75 °F

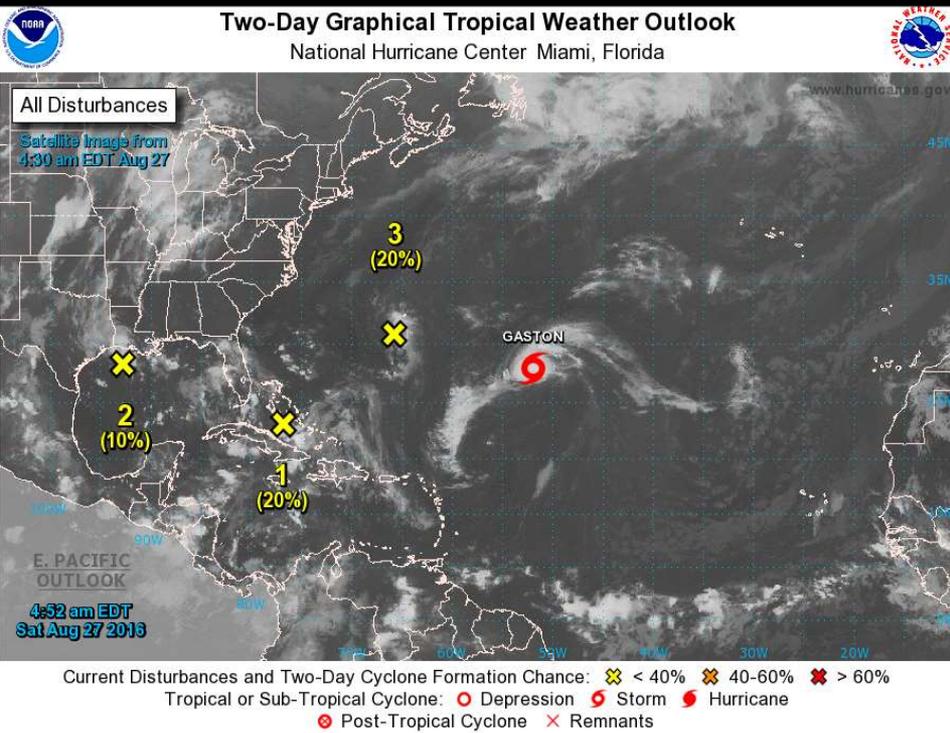
High: 92 °F

Low: 76 °F

High: 93 °F

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

# Tropical Weather Outlook



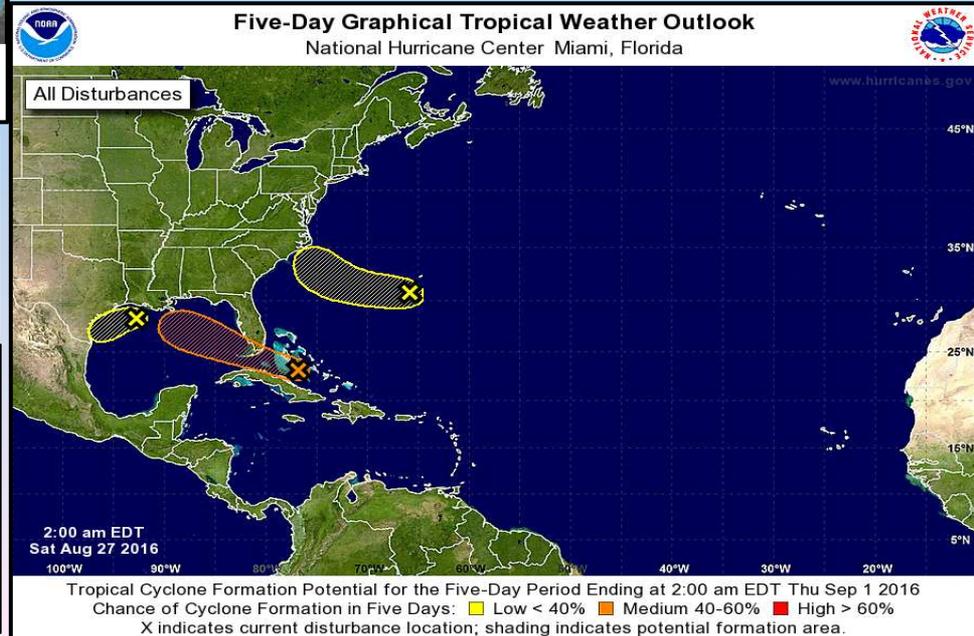
**No impacts to FEMA VI from Tropical Storm Gaston**

**3. The area of low pressure is centered about 130 miles SW of Bermuda. Any significant development is likely to be slow to occur as it moves W and then W-NW towards the coast of the Carolinas during the next few days.**

- Formation chance through 48 hours ... 30 percent
- Formation chance through 5 days...30 percent

**2. A weak trough of low pressure located about a 100 miles S of SW LA is disorganized and not expected to develop before it reaches the coast of TX on Sunday.**

**1. A weak area of low pressure is located south Andros Island in the Bahamas. Conditions are not conducive for development in the next few days while it moves through the Straights of FL. Some development is possible when the system moves across the eastern Gulf of Mexico next week.**



# \*FEMA Region 6 Threat Matrix

Aug 27, 2016 - Aug 31, 2016

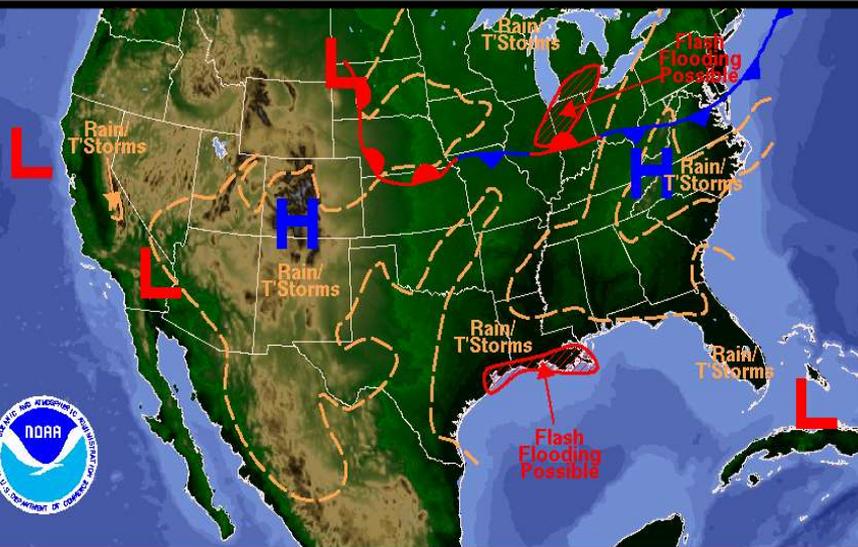
|                             | SAT                       | SUN                                   | MON                                   | TUE             | WED             |
|-----------------------------|---------------------------|---------------------------------------|---------------------------------------|-----------------|-----------------|
| Severe Weather              |                           |                                       |                                       |                 |                 |
| Heavy Rain / Flash Flooding | SW NM, SE TX, S LA        | SE TX, Extreme Coastal LA, S NM, W TX | SE TX, W TX into SE NM and Panhandles | NM, Gulf Coast? | NM, Gulf Coast? |
|                             | Extreme SE TX, Coastal LA |                                       |                                       |                 |                 |
| Tropical                    |                           |                                       |                                       |                 |                 |
| Heat                        |                           |                                       |                                       |                 |                 |
| River Flooding              | SW LA, SE TX              | SW LA, SE TX                          | 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

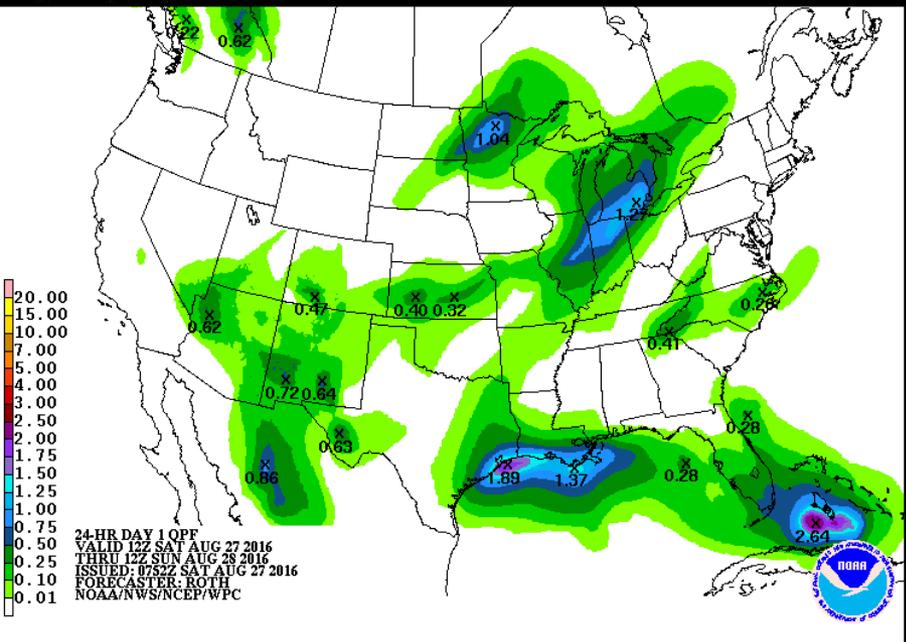


Weather Forecast for Sat, Aug 27, 2016, issued 5:08 AM EDT  
 DOC/NOAA/NWS/NCEP/Weather Prediction Center  
 Prepared by Kong based on WPC, SPC and NHC forecasts

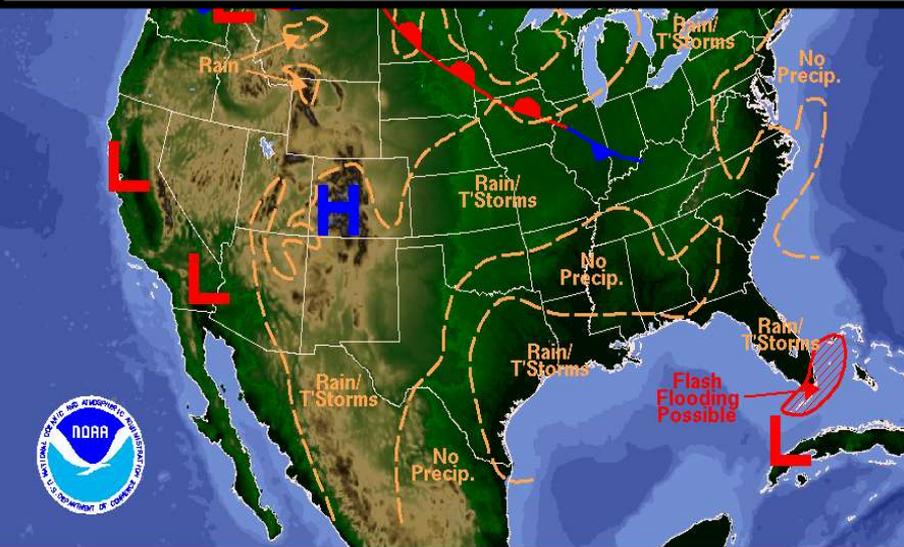
**Minor to Moderate River Flooding will continue over SW LA and SE TX, although points are receding.**

**Some heavy rainfall possible along the SE TX/LA Gulf Coast, as well as over SW NM.**

**Heavy rain more likely over extreme SE TX and coastal LA; flash flooding possible.**



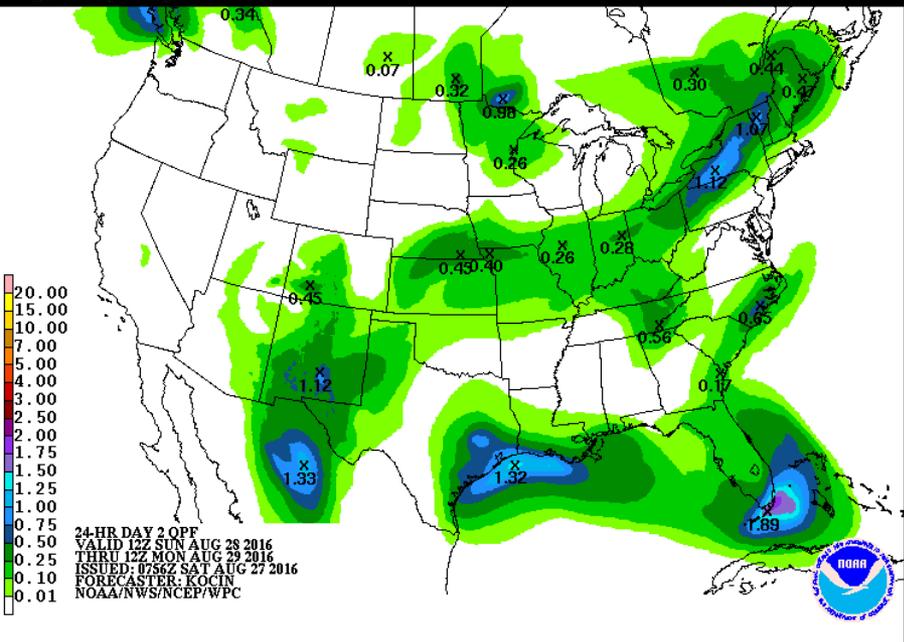
# Tomorrow's Weather



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

**Some heavy rainfall/isolated flooding possible over SE TX and extreme coastal LA, as well as S NM and W TX.**

Weather Forecast for Sun, Aug 28, 2016, issued 5:05 AM EDT Sat, Aug 27, 2016  
 DOC/NOAA/NWS/NCEP/Weather Prediction Center  
 Prepared by Kong based on WPC, SPC and NHC forecasts



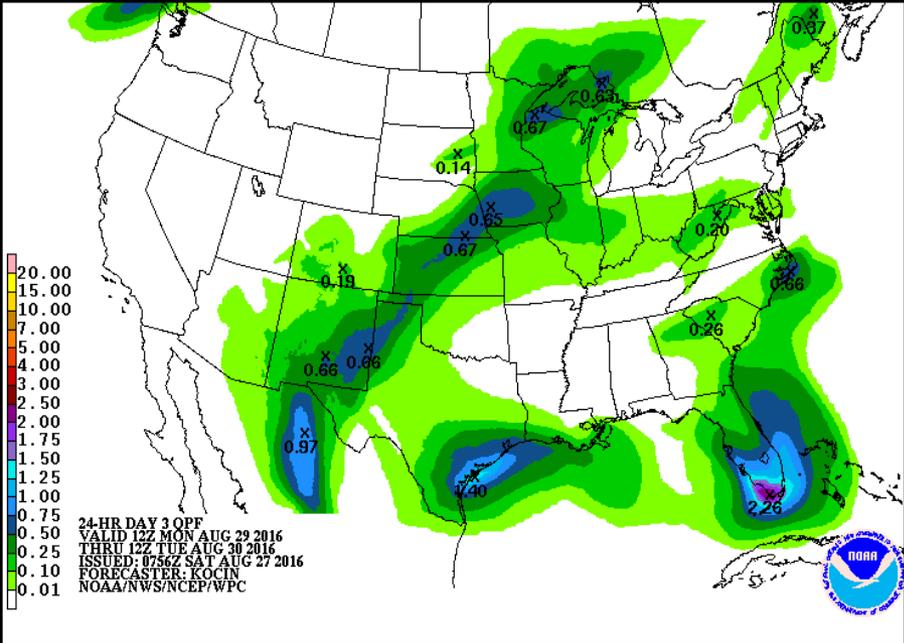
# Monday's Weather



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

**Some heavy rainfall/isolated flooding possible over SE TX, as well as from W TX into SE NM and the Panhandles.**

Weather Forecast for Mon, Aug 29, 2016, issued 4:59 AM EDT Sat, Aug 27, 2016  
 DOC/NOAA/NWS/NCEP/Weather Prediction Center  
 Prepared by Kong based on WPC, SPC and NHC forecasts



# Day 4-5 Weather Hazards

Valid: 0800 Tue - 0800 Thu



Heavy rain possible

Some heavy rainfall may be possible; and will depend on the eventual track of tropical moisture and any development of 99L

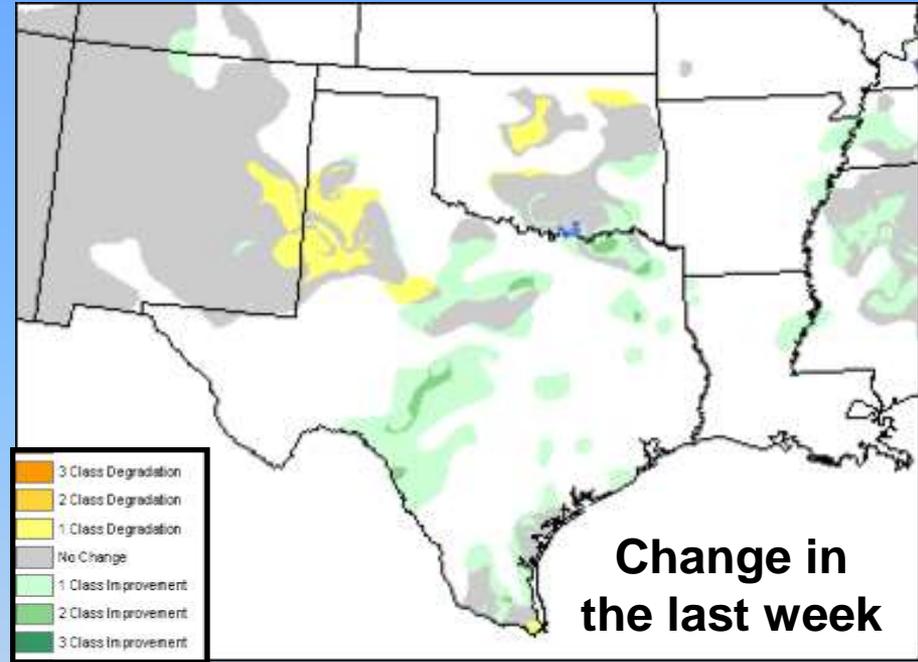
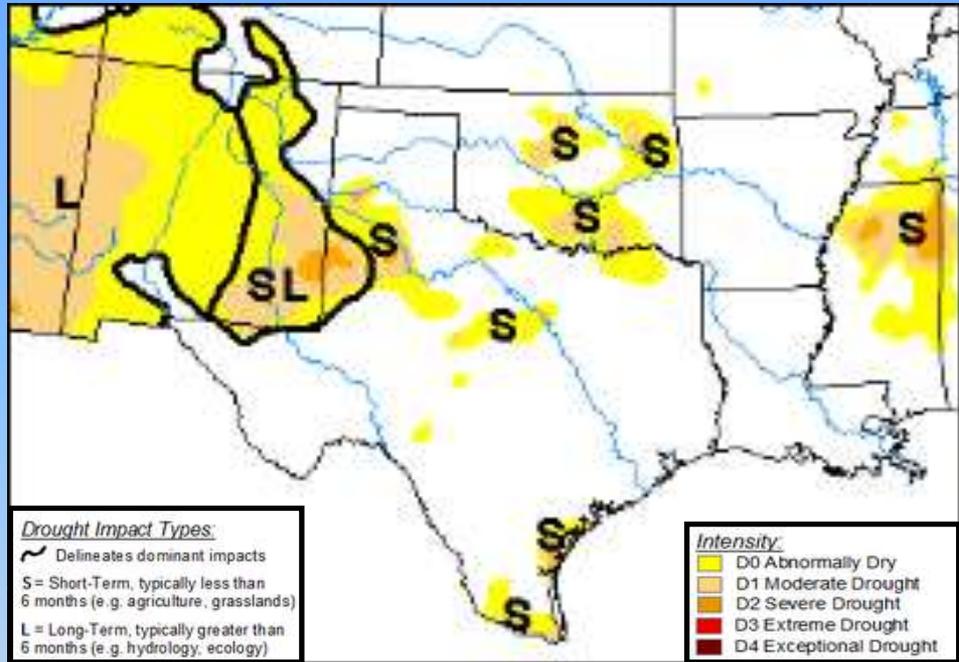
- No Weather Threats Expected
- Very Common – Happens Often
- Common – Happens Frequently
- Uncommon – A Few Times a Year
- Rare – Once Every 1-5 Years
- Very Rare – Once Every 5-10 Years

\*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 Impact Types:**  
 ~ Delineates dominant impacts  
 S = Short-Term, typically less than 6 months (e.g. agriculture, grasslands)  
 L = Long-Term, typically greater than 6 months (e.g. hydrology, ecology)

**Intensity:**  
 D0 Abnormally Dry  
 D1 Moderate Drought  
 D2 Severe Drought  
 D3 Extreme Drought  
 D4 Exceptional Drought

3 Class Degradation  
 2 Class Degradation  
 1 Class Degradation  
 No Change  
 1 Class Improvement  
 2 Class Improvement  
 3 Class Improvement

**Change in the last week**

## 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%      |

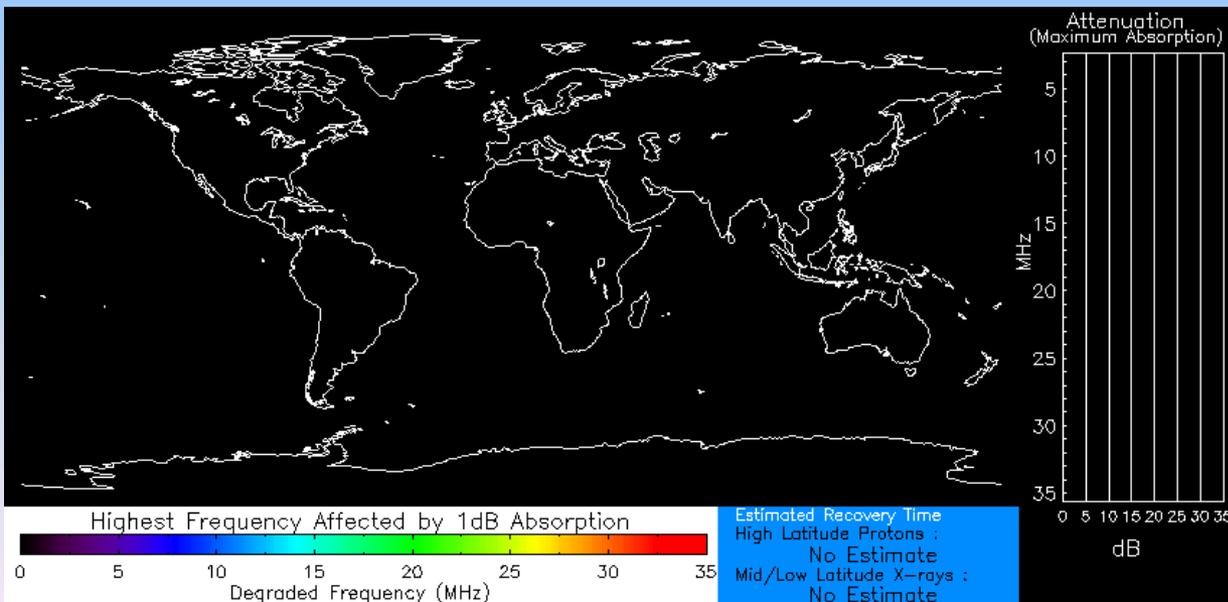
# Space Weather 3-Day Forecast



|                               | Saturday              | Sunday                          | Monday                           |
|-------------------------------|-----------------------|---------------------------------|----------------------------------|
| Geomagnetic Storms            | Quiet<br>(Max Kp = 2) | Quiet to Active<br>(Max Kp = 4) | Minor (G1) Storm<br>(Max Kp = 5) |
| 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 : 2016-08-27 09:55 UTC

Normal Proton Background  
NOAA/SWPC Boulder, CO USA

2016-08-27 09:22:00 UTC

Information provided by:



**National Weather Service**  
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Regional Operations Center  
Fort Worth, TX

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E-mail: [sr-srh.roc@noaa.gov](mailto: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](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](mailto:sr-srh.roc@noaa.gov).



| Weather "Threat" Matrix |   |  |  |
|-------------------------|---|--|--|
| Color                   | Definition  | Criteria   | Example(s)   |
| Green                   | <p><b>Very Common</b></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"> <li>Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees</li> <li>Something that happens almost every day in a particular season such as <a href="#">seabreeze</a> storms in coastal TX</li> </ul>  |
| Yellow                  | <p><b>Somewhat Common – Happens Frequently</b></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"> <li>2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible</li> <li>Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail</li> </ul>   |
| Orange                  | <p><b>Uncommon – A Few Times a Year</b></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"> <li>A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely</li> <li>Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail</li> <li>Some large fires reported, burn bans advertised, critical conditions expected</li> </ul> |
| Red                     | <p><b>Rare – Once every 1-5 Years</b></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"> <li>A Category 1 hurricane will be moving towards the NW Gulf in the next few days</li> <li>Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail</li> <li>Large fires ongoing throughout the area with critical fire weather conditions expected to continue</li> </ul>                                    |
| Purple                  | <p><b>Very Rare – Once Every 5-10 Years</b></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"> <li>A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow</li> <li>Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms</li> </ul>  |