



# 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

Monday, August 29, 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: Brian Hoeth / Jessica Chace  
817-978-1100 x 147

# Key Points



## Today

- Heavy rainfall possible over SE TX and SW LA; any flooding would be highly localized
- Heavy rain remains possible over S & E NM into W and NW TX

## Tuesday - Friday

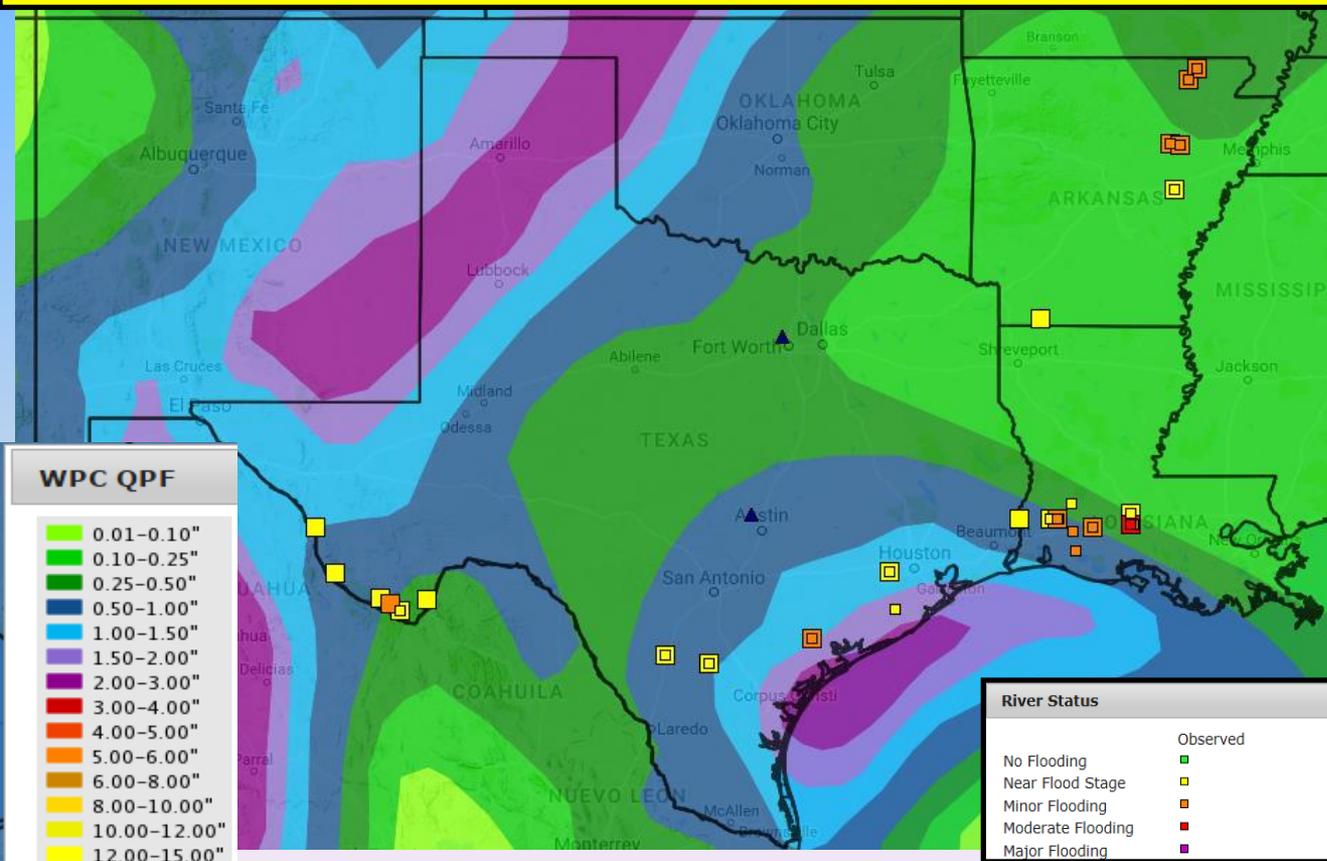
- By Tuesday, rainfall near the Gulf Coast should be diminishing
- Some heavy rain threat over SE NM into W & NW TX will likely continue through Wednesday.
- Right now, it appears that any impacts from TD9 should remain east of Region VI

## Tropical Outlook

- Hurricane Gaston will not have any impacts to FEMA VI
- TD 8 will not have any impacts on FEMA VI
- The forecast track of TD9 remains uncertain as it moves into the SE Gulf of Mexico. 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 will fall below flood stage later this morning.
- 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:

- No significant impacts are expected for the recovery efforts.
- Heat index values will rise into the 100 to 105 degree range each afternoon this week.
- Monitoring impacts from TD9, however not anticipating impacts to the recovery efforts at this time.

## Baton Rouge Forecast:

Today



30%

Chance  
T-storms

High: 93 °F

Tonight



20% | 20%

Slight Chance  
T-storms then  
Slight Chance  
Showers

Low: 73 °F

Tuesday



20%

Slight Chance  
T-storms

High: 94 °F

Tuesday  
Night



20%

Slight Chance  
T-storms then  
Partly Cloudy

Low: 73 °F

Wednesday



20%

Slight Chance  
T-storms

High: 95 °F

Wednesday  
Night



Partly Cloudy

Low: 75 °F

Thursday



Hot

High: 95 °F

Thursday  
Night



Partly Cloudy

Low: 75 °F

Friday



Chance  
T-storms

High: 94 °F

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

# Tropical Weather Outlook

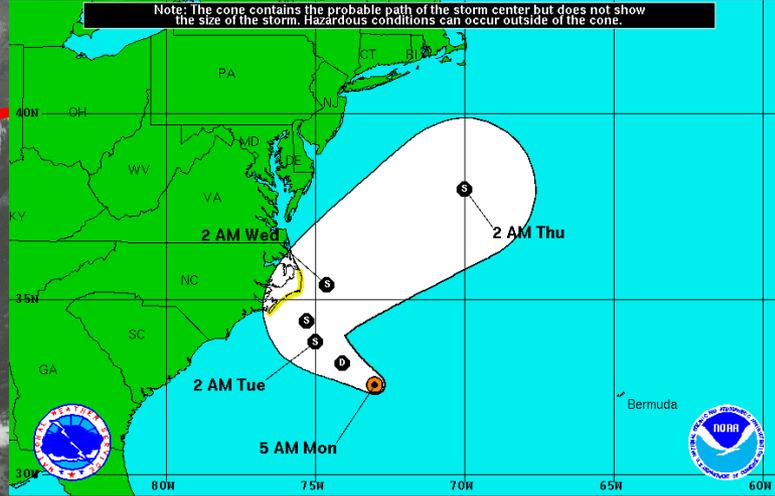
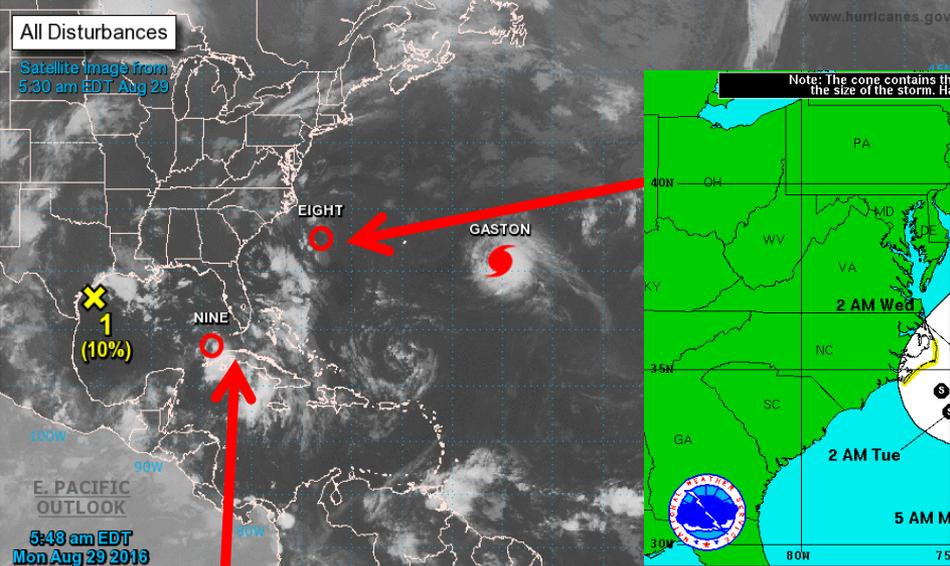


## Two-Day Graphical Tropical Weather Outlook

National Hurricane Center Miami, Florida



No impacts to FEMA VI from Hurricane Gaston



**Tropical Depression Eight**  
 Monday August 29, 2016  
 5 AM EDT Advisory 4  
 NWS National Hurricane Center

**Current Information:**  
 Center Location 32.6 N 73.0 W  
 Max Sustained Wind 35 mph  
 Movement WNW at 10 mph

**Forecast Positions:**  
 Tropical Cyclone (●) Post-Tropical Sustained Winds: D < 39 mph S 39-73 mph H 74-110 mph M > 110mph

**Potential Track Area:**  
 Day 1-3 (white) Day 4-5 (hatched)

**Watches:**  
 Hurricane (pink) Trop.Storm (yellow)

**Warnings:**  
 Hurricane (red) Trop.Storm (blue)

**Tropical Depression Nine**  
 Monday August 29, 2016  
 5 AM EDT Advisory 3  
 NWS National Hurricane Center

**Current Information:**  
 Center Location 23.5 N 83.9 W  
 Max Sustained Wind 35 mph  
 Movement W at 9 mph

**Forecast Positions:**  
 Tropical Cyclone (●) Post-Tropical Sustained Winds: D < 39 mph S 39-73 mph H 74-110 mph M > 110mph

**Potential Track Area:**  
 Day 1-3 (white) Day 4-5 (hatched)

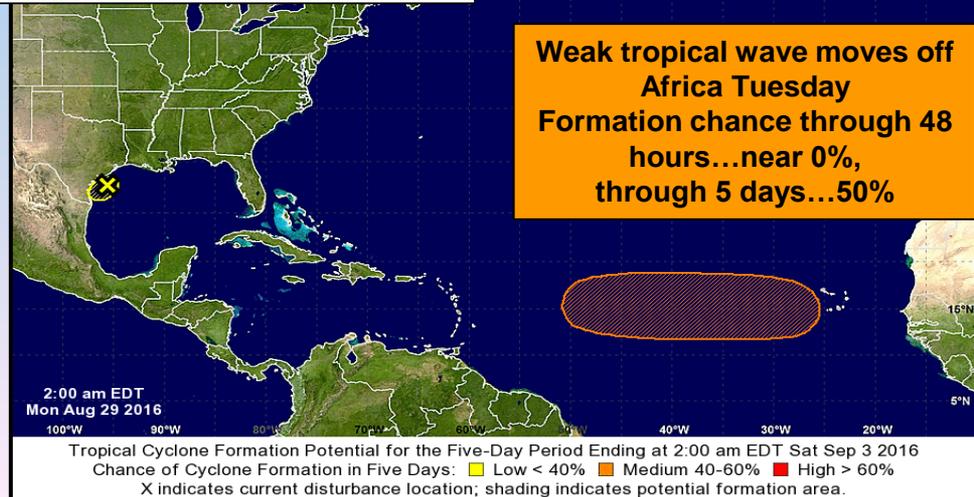
**Watches:**  
 Hurricane (pink) Trop.Storm (yellow)

**Warnings:**  
 Hurricane (red) Trop.Storm (blue)

Tropical Weather Outlook  
 Center Miami, Florida

www.hurricanes.gov

Weak tropical wave moves off Africa Tuesday  
 Formation chance through 48 hours...near 0%, through 5 days...50%



# \*FEMA Region 6 Threat Matrix

Aug 29, 2016 - Sep 2, 2016

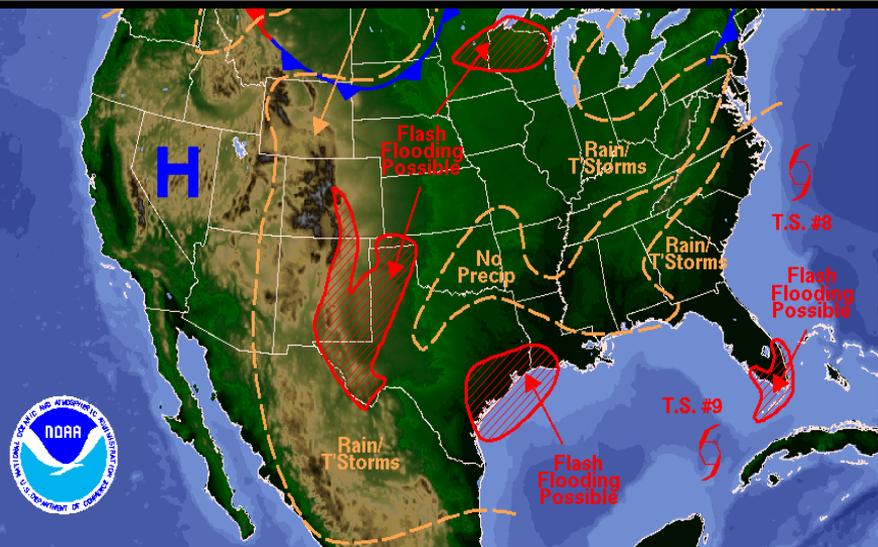
	MON	TUE	WED	THU	FRI
Severe Weather					
Heavy Rain / Flash Flooding	E NM, W TX, W OK, NW TX SE TX and SW LA	SE NM, W TX, NW TX, S TX	SE NM, NW TX,	SE NM, NW TX	SE NM, NW TX
Tropical					
Heat					
River Flooding	SW LA	SW LA	SW LA	SW LA	SW LA

-  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.*



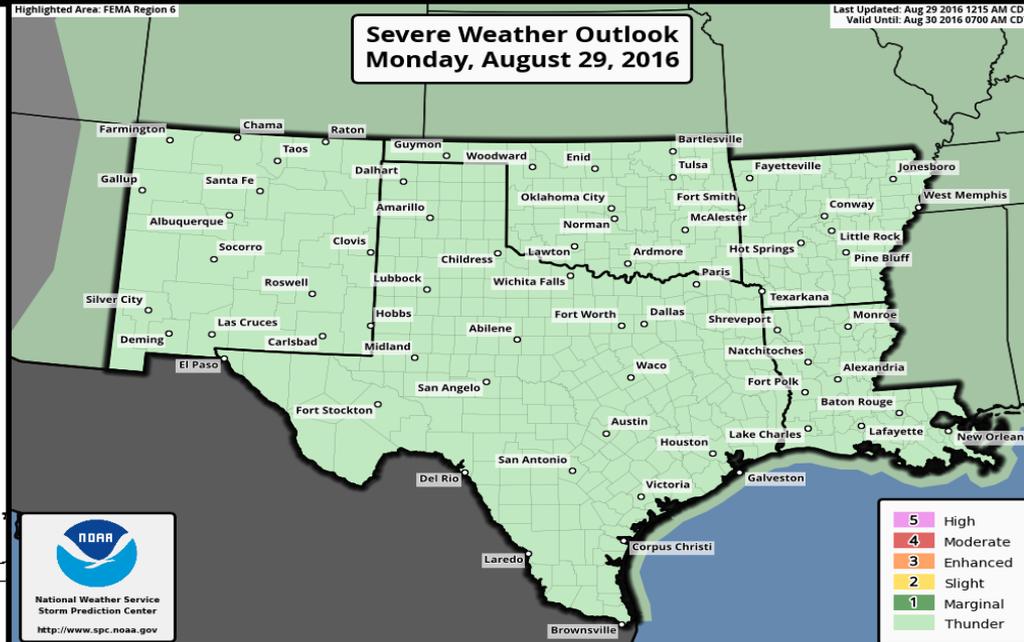
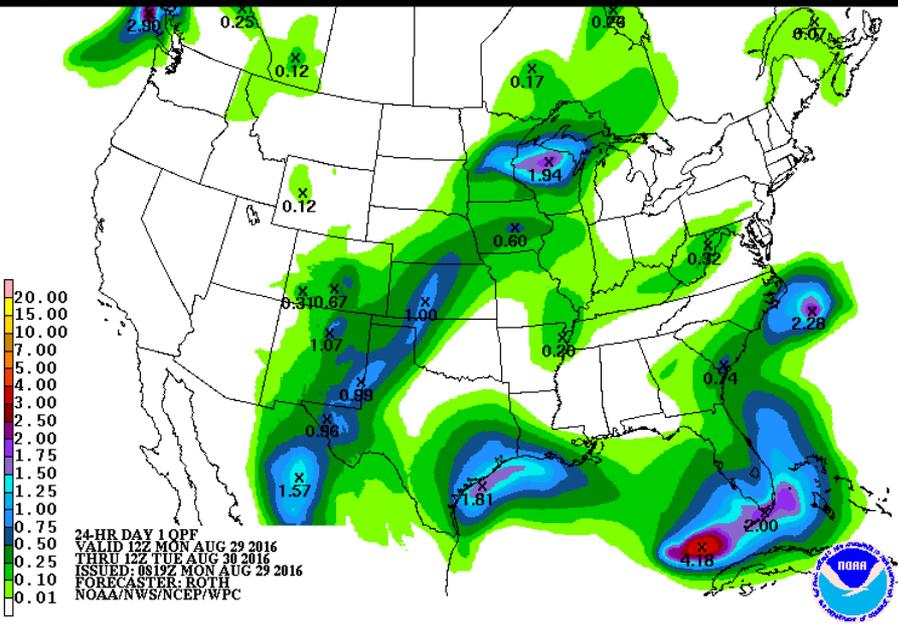
# Today's Weather



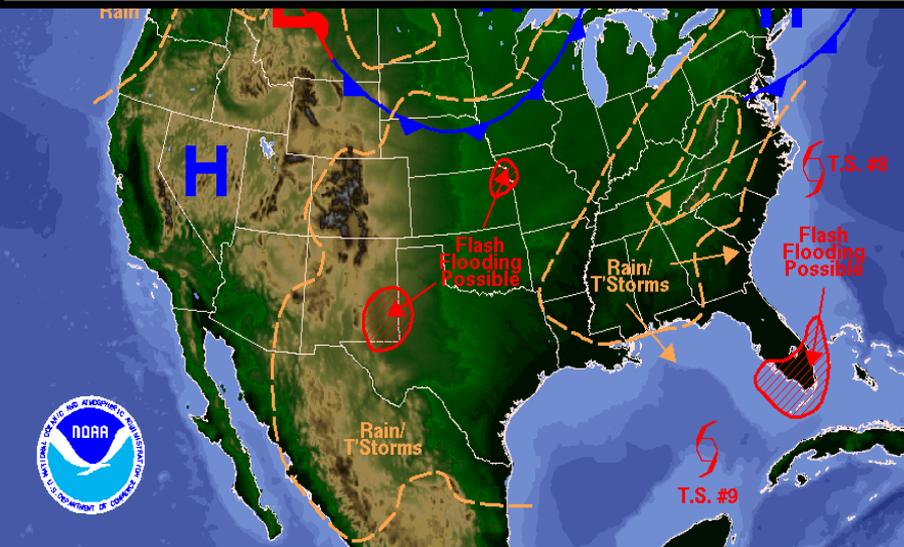
**Minor/Moderate River Flooding continues over SW LA and SE TX but points continue to recede.**

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

Weather Forecast for Mon, Aug 29, 2016, issued 4:58 AM EDT  
 DOC/NOAA/NWS/NCEP/Weather Prediction Center  
 Prepared by McReynolds based on WPC, SPC and NHC forecasts



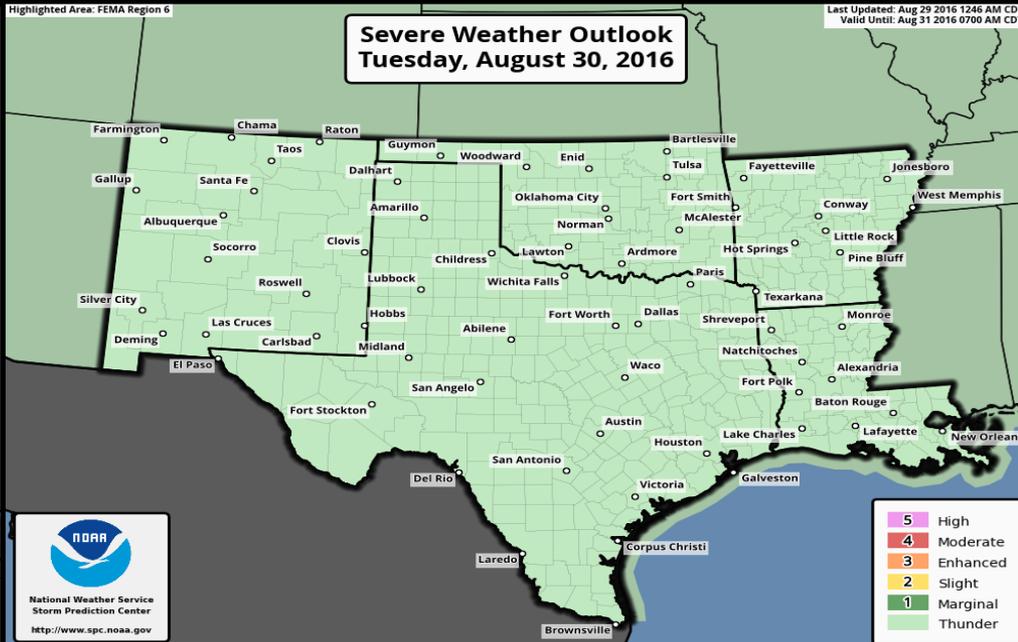
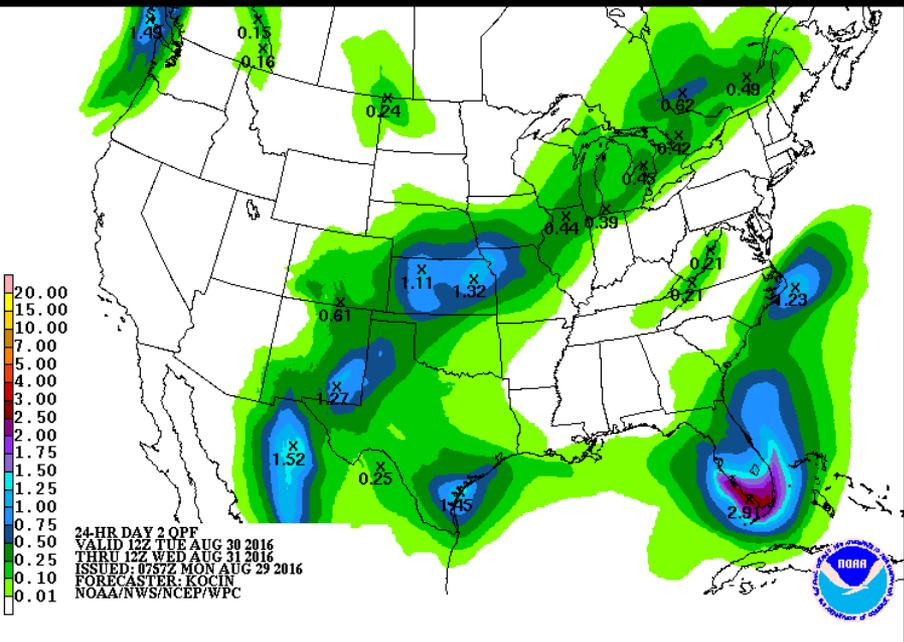
# Tomorrow's Weather



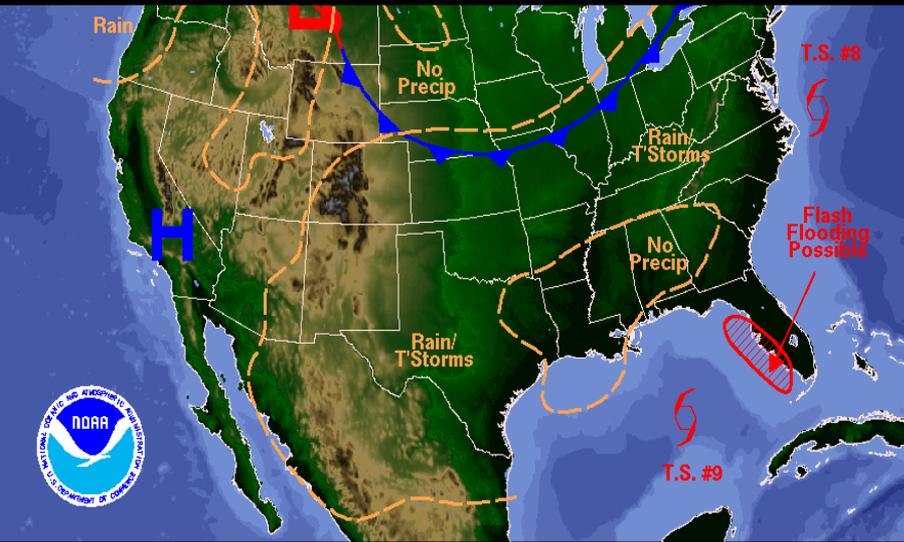
Weather Forecast for Tue, Aug 30, 2016, issued 5:06 AM EDT Mon, Aug 29, 2016  
 DOC/NOAA/NWS/NCEP/Weather Prediction Center  
 Prepared by McReynolds based on WPC, SPC and NHC forecasts

**Minor/Moderate River Flooding continues over SW LA.**

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



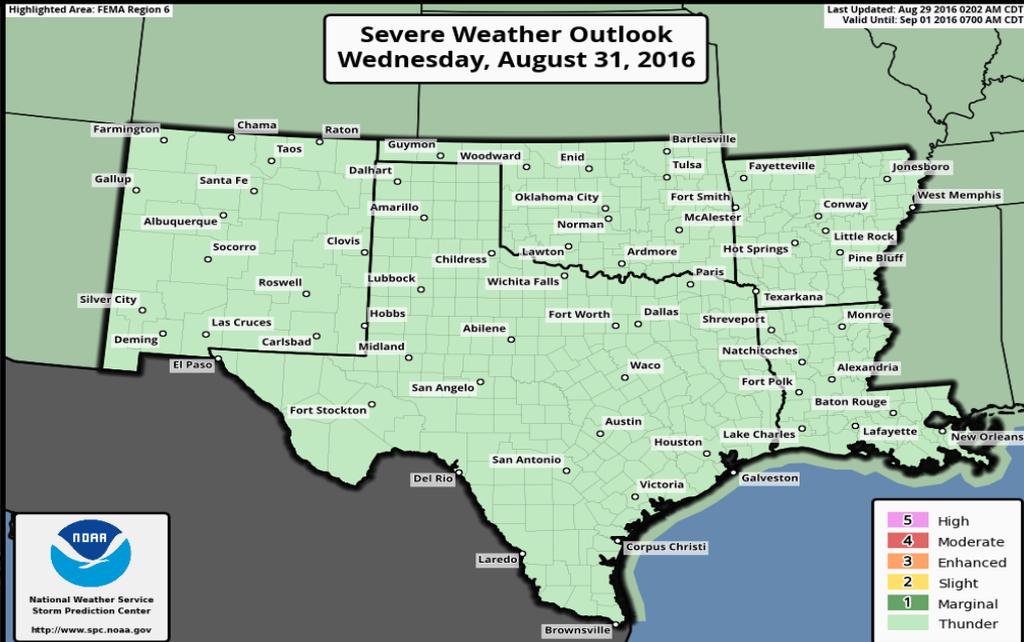
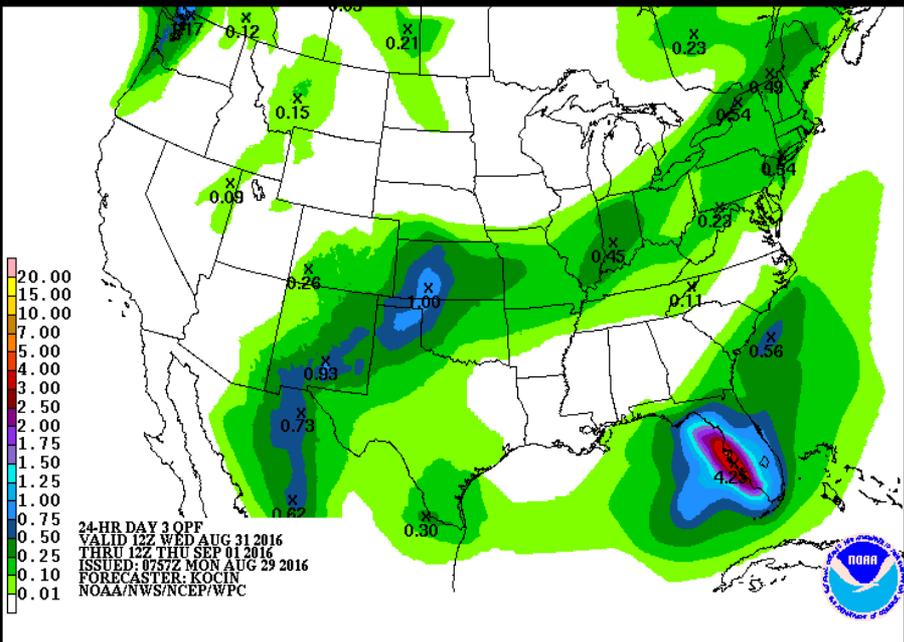
# Wednesday's Weather



Weather Forecast for Wed, Aug 31, 2016, issued 5:10 AM EDT Mon, Aug 29, 2016  
 DOC/NOAA/NWS/NCEP/Weather Prediction Center  
 Prepared by McReynolds based on WPC, SPC and NHC forecasts

**Minor/Moderate River Flooding continues over SW LA.**

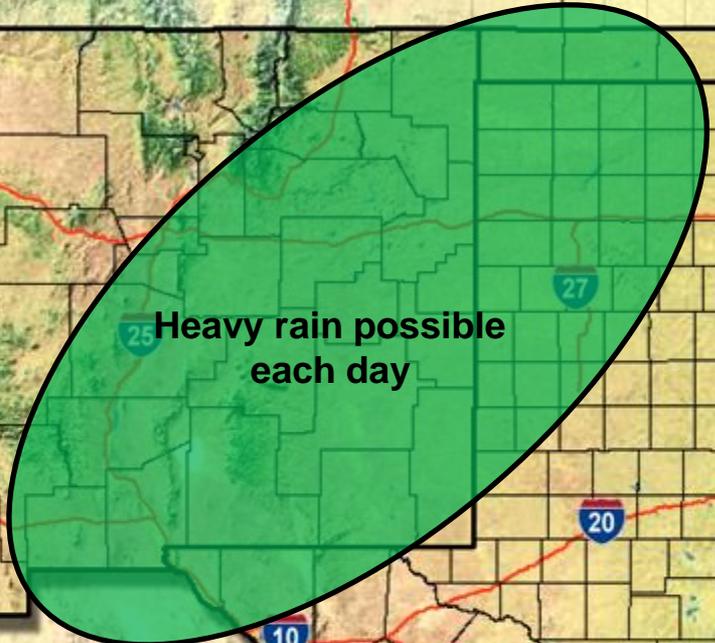
**Some heavy rainfall/isolated flooding possible over SE NM into W OK, W TX & NW TX**



5	High
4	Moderate
3	Enhanced
2	Slight
1	Marginal
	Thunder

# Day 4-5 Weather Hazards

Valid: 0800 Thu - 0800 Sat



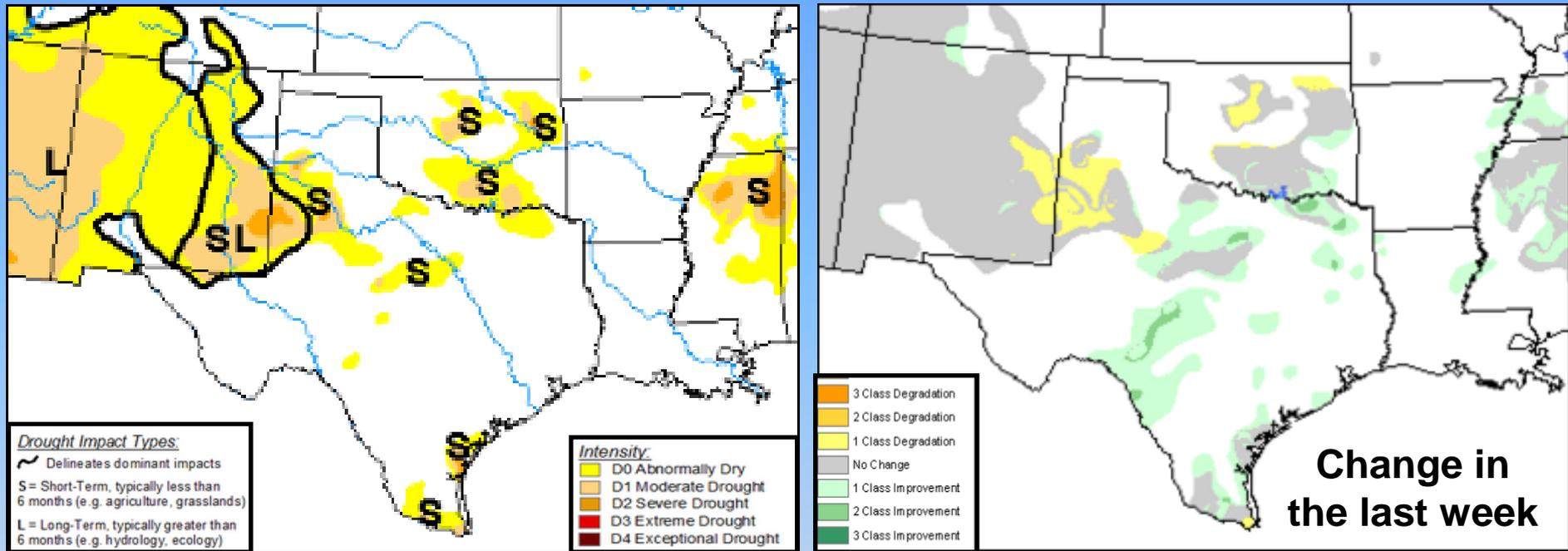
- No Weather Threats Expected
- Very Common – Happens Often
- Common – Happens Frequently
- Uncommon – A Few Times a Year
- Rare – Once Every 1-5 Years
- Very Rare – Once Every 5-10 Years

\*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%

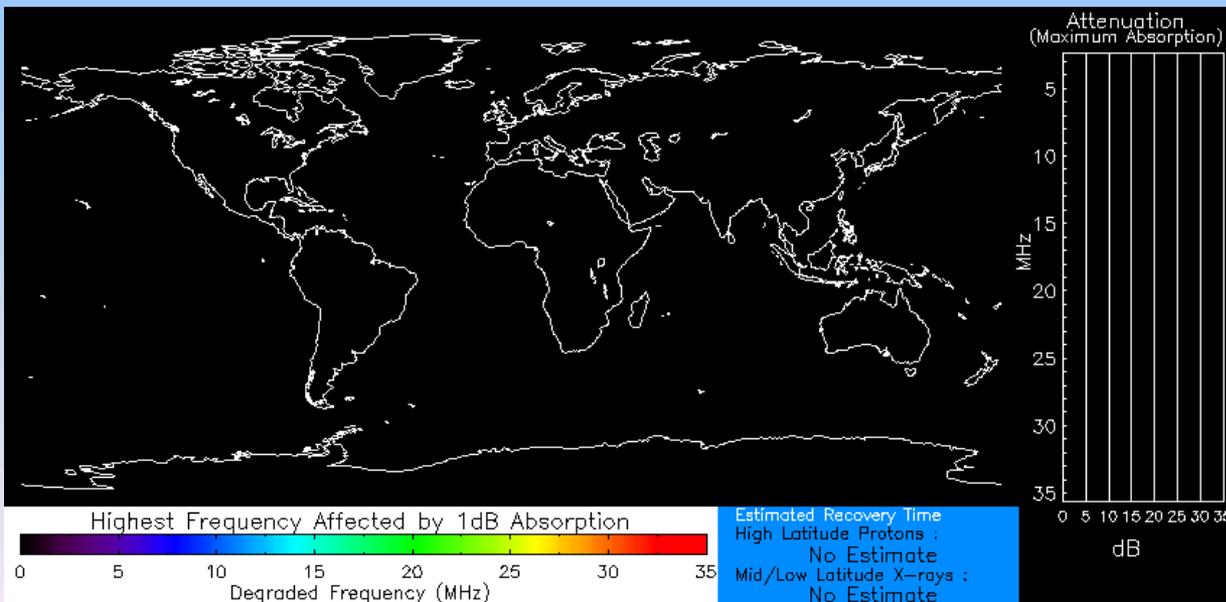
# Space Weather 3-Day Forecast



	Monday	Tuesday	Wednesday
Geomagnetic Storms	Minor (G1) Storm (Max Kp = 5)	Unsettled (Max Kp = 3)	Quiet to Unsettled (Max Kp = 3)
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 : 2016-08-29 11:27 UTC

Normal Proton Background  
NOAA/SWPC Boulder, CO USA

2016-08-29 10:52:00 UTC

Information provided by:



**National Weather Service**  
Southern Region Headquarters  
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>

facebook

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

twitter

@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 <u>seabreeze</u> 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>