



# 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 21, 2016

Issued: 0800 CT

***River Flooding: Moderate/Major River Flooding continues across parts of S LA.***

***Flash Flooding: Flash flooding likely over south-central and south TX***

**National Weather Service**

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



**Prepared by: Mark Wiley  
817-978-1100 x 147**

# Key Points



## Sunday

- Flash flooding likely over south-central into southwest TX
  - Minor river flooding also expected over these areas
- Rivers in SE LA have crested, with significant back water flooding continuing
- Some portions of rivers in SW LA have crested, but the lower reaches of the Calcasieu, Mermentau, and Vermillion Rivers are still elevated
  - Scattered afternoon showers/tstms possible over impacted areas could impact recovery efforts and lead to isolated flash flooding

## Monday – Wednesday

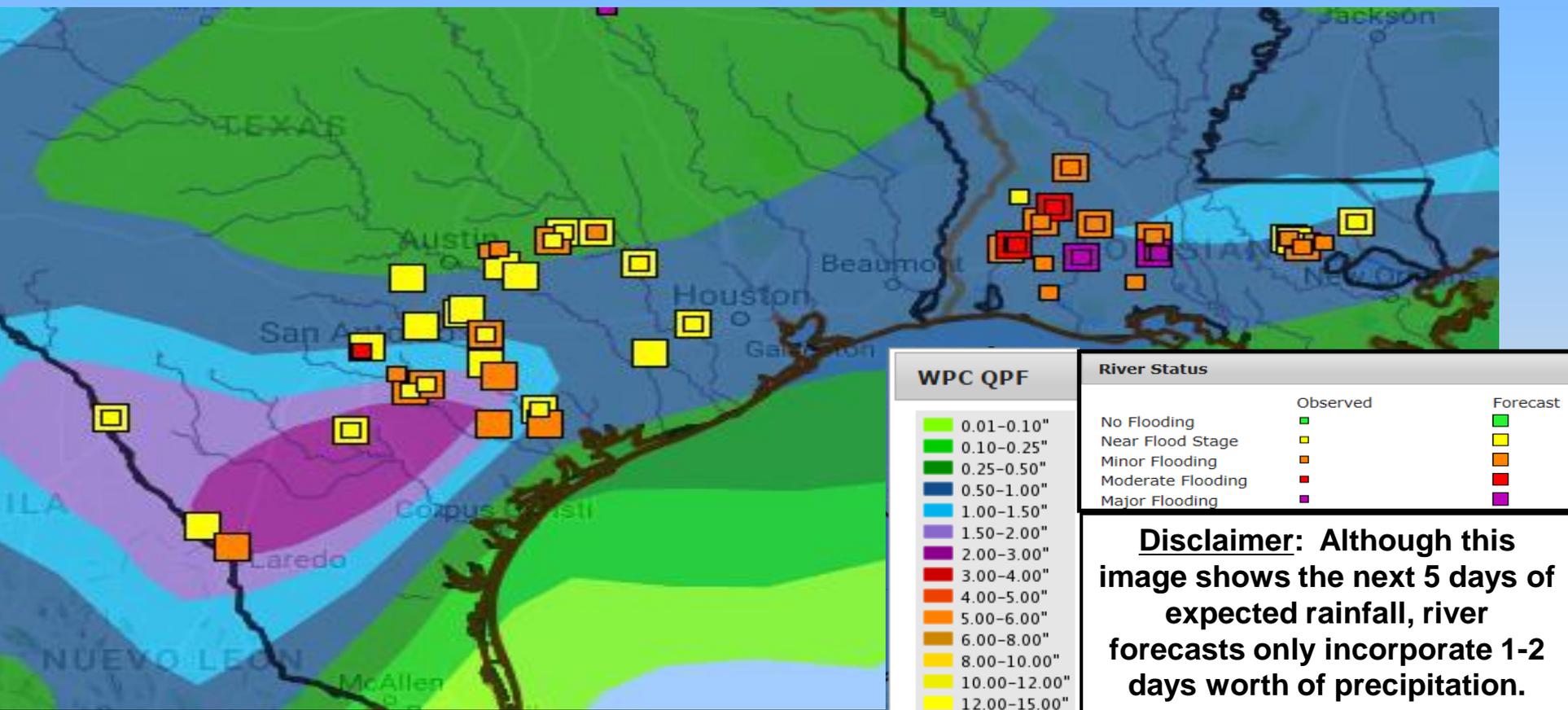
- Flash flood threat still possible over south TX but overall threat will begin to decrease on Monday
- Areas of flash flooding possible over NM Monday
- Areas of flash flooding possible over W TX into SE NM on Tuesday
- Scattered afternoon showers/tstms possible over impacted areas in S LA could impact recovery efforts and lead to temporary flash flooding

## Tropical Outlook

- Tropical Storm Fiona is still expected to have no impacts to FEMA 6
- Two tropical waves in the eastern Atlantic will move generally westward over the next several days. No immediate impacts to FEMA 6. (Please see next slide for additional details.)

# River Flood Status/5 Day Forecast Rainfall

- Moderate to Major River Flooding continues across portions of S LA
- Rivers in SE LA are steadily dropping below moderate flood stage, significant back water flooding will continue
- Minor river flooding expected over south-central TX



**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

**WHAT:** flooding persists from the heavy rainfall that occurred at the end of last week.

**WHEN:** flooding will persist through the week.

**WHERE:** Along the lower Amite/Comite River basin encompassing parts of St. John the Baptist, St. James, Ascension, Iberville, East Baton Rouge, and Livingston Parishes.

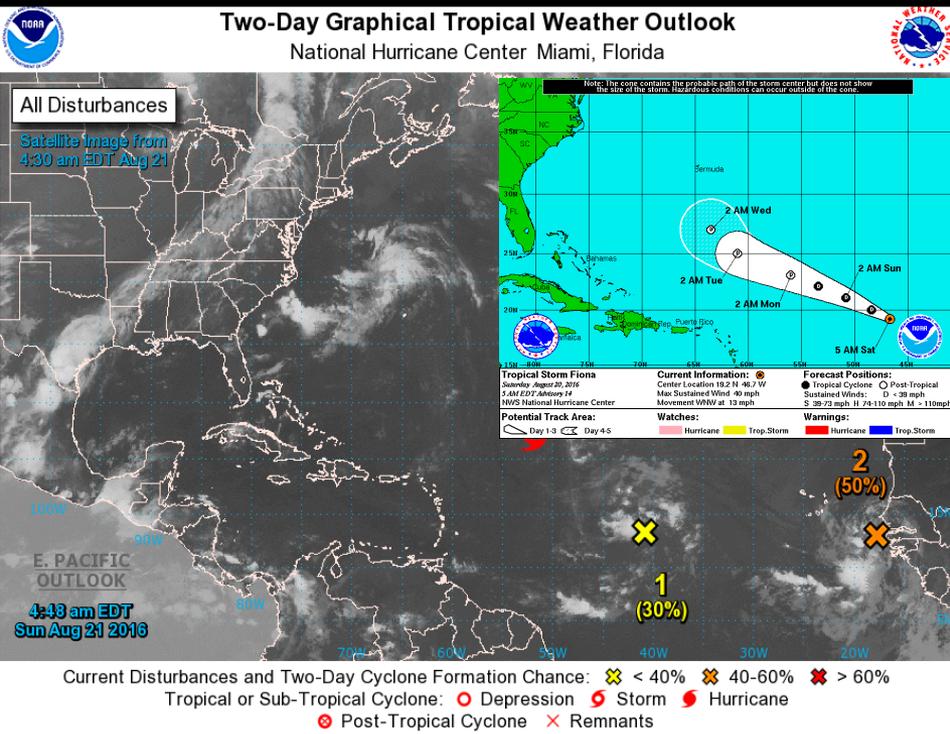
## **Expected Impacts:**

- 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.
- South of I-12, flooding is on the lower Amite River Basin toward Lake Maurepas, river levels have begun a fall for areas around Lake Maurepas with all locations now in moderate flood stage. Significant backwater flooding persists 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.
- Heat index values of 100 to 106 degrees can be expected during the afternoon hours. Those without air conditioning, first responders and relief workers should be monitored for heat related illnesses.



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

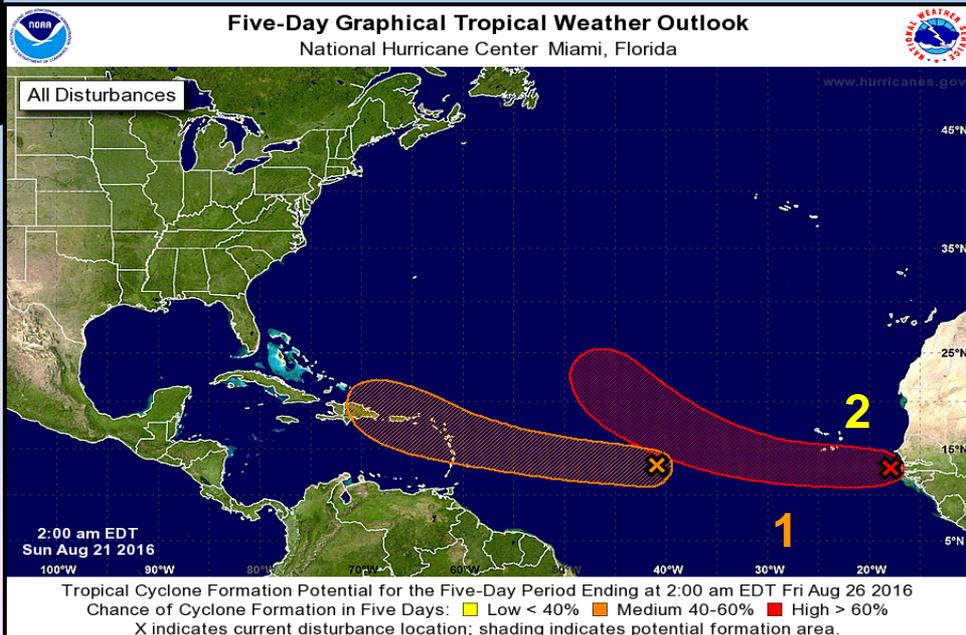
# Tropical Weather Outlook



**No impacts to FEMA 6 from Tropical Storm Fiona**

- 1 - Tropical wave in the eastern Atlantic will move west over the next several days. No immediate impacts to FEMA 6.
  - Formation chance through 48 hours ... 30 percent
  - Formation chance through 5 days ... medium ... 60 percent

- 2 - Another tropical wave is moving off of the coast of Africa and will move west/northwest over the next several days. No immediate impacts to FEMA IV.
  - Formation chance through 48 hours ... 50 percent
  - Formation chance through 5 days ... 80 percent



# \*FEMA Region 6 Threat Matrix

Aug 21, 2016 - Aug 25, 2016

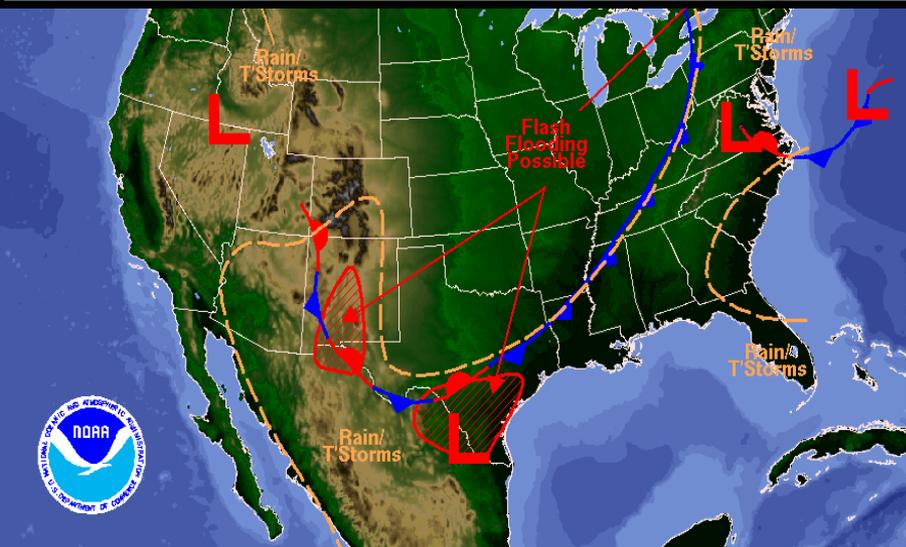
DAY/ THREAT	SUN	MON	TUE	WED	THU
Severe Weather					
Heavy Rain/ Flash Flooding	SC/S TX	NM, TX, S AR, N LA	W TX, SE NM		
Fire Weather					
Heat					
River Flooding	S LA	S LA	S LA	S LA	S LA

	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.*



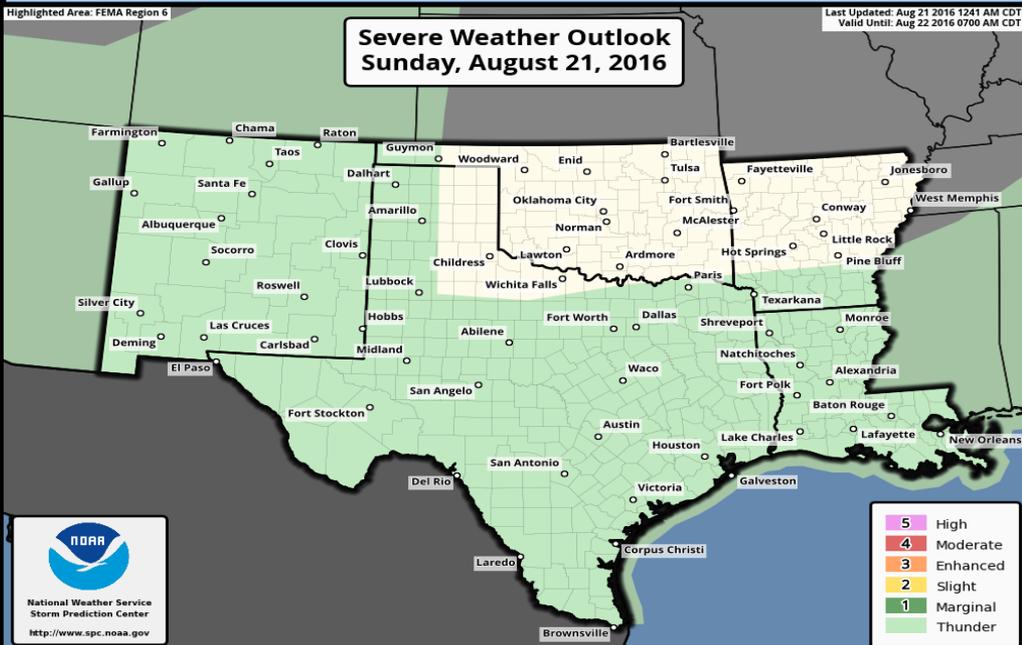
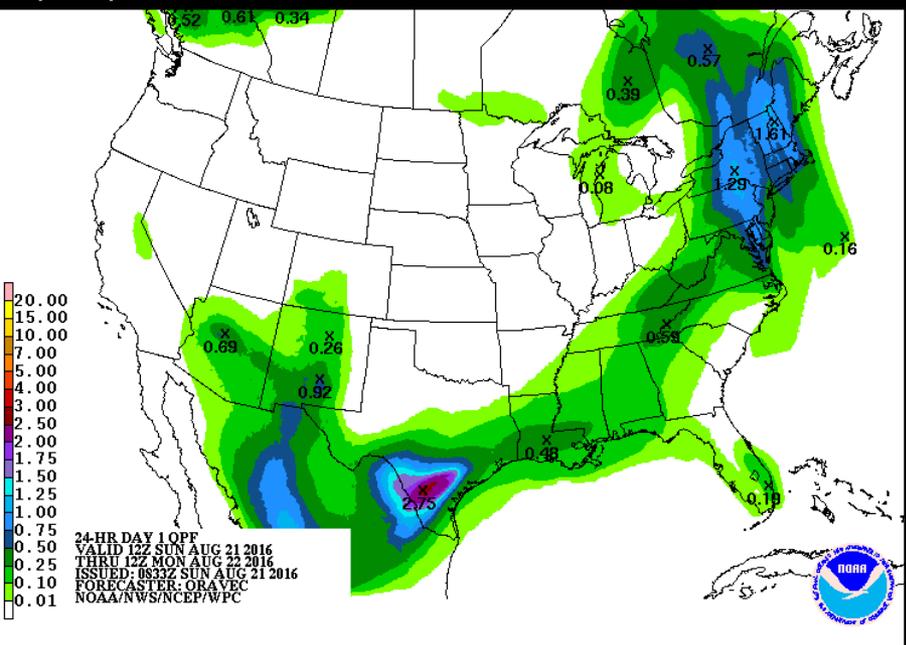
# Today's Weather



Weather Forecast for Sun, Aug 21, 2016, issued 4:36 AM EDT  
 DOC/NOAA/NWS/NCEP/Weather Prediction Center  
 Prepared by krejeler based on WPC, SPC and NHC forecasts

**Moderate/Major River Flooding continues over S LA**

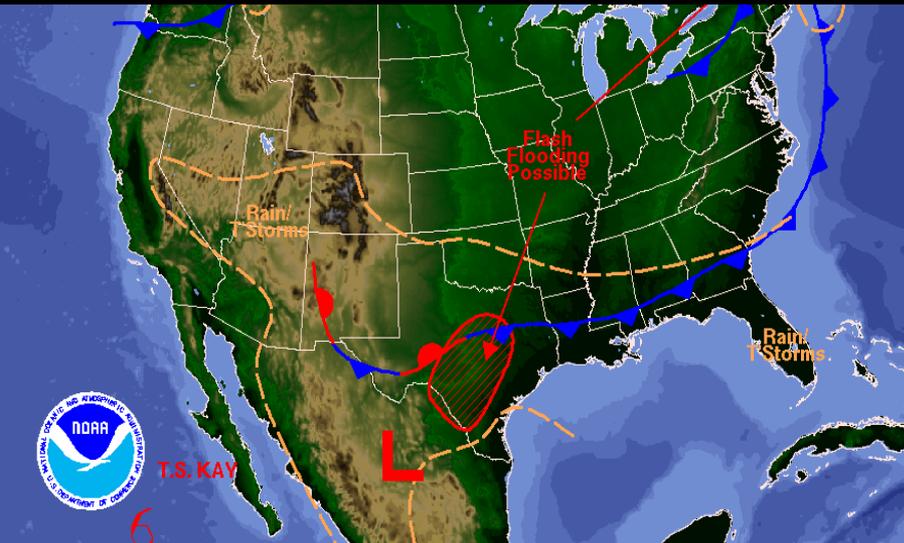
**Flash flooding likely over SC/S TX**



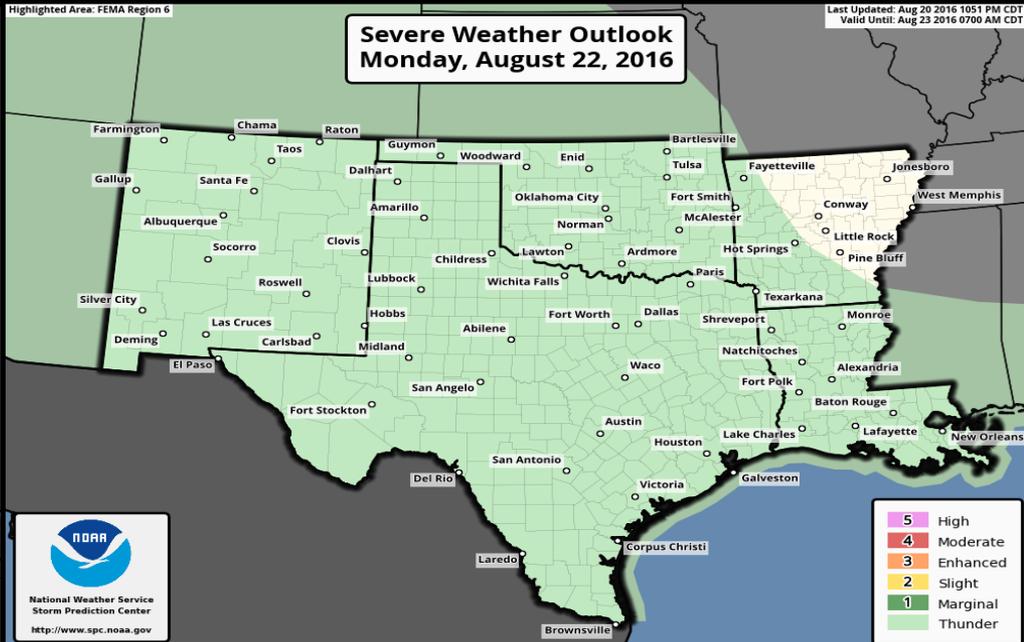
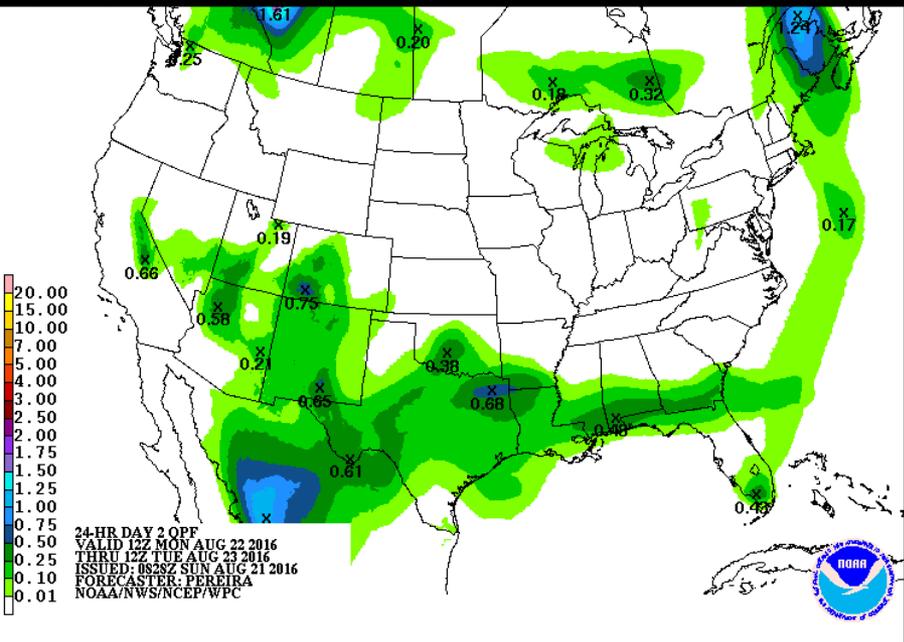
# Tomorrow's Weather

**Moderate/Major River Flooding continues over S LA**

**Flash flood threat continues over areas of Texas; but overall threat will decrease. Flash flooding also possible across NM.**



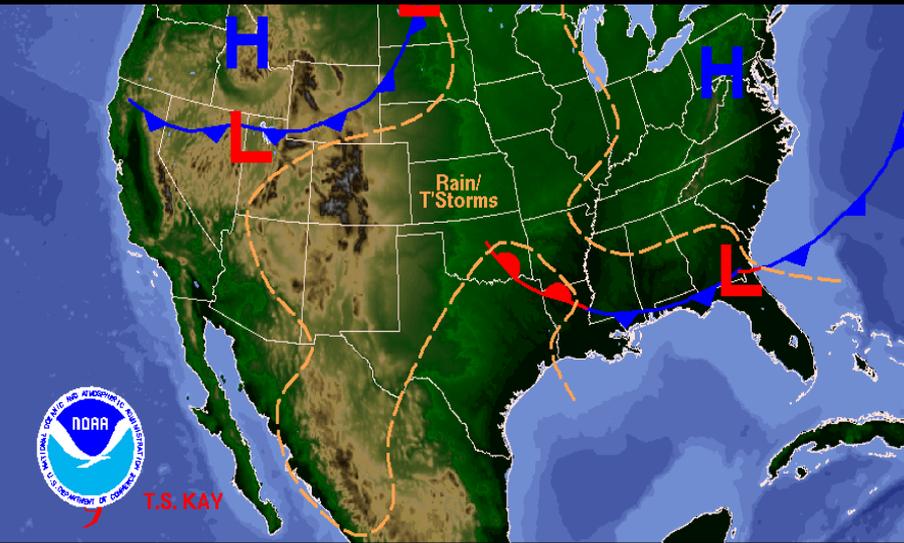
Weather Forecast for Mon, Aug 22, 2016, issued 4:42 AM EDT Sun, Aug 21, 2016  
 DOC/NOAA/NWS/NCEP/Weather Prediction Center  
 Prepared by kreeler based on WPC, SPC and NHC forecasts



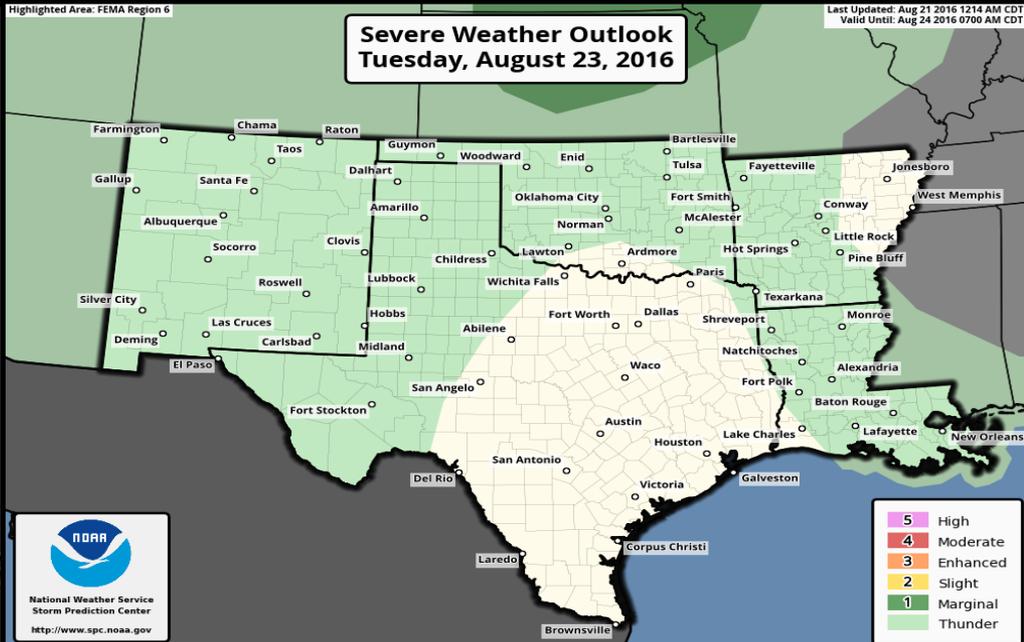
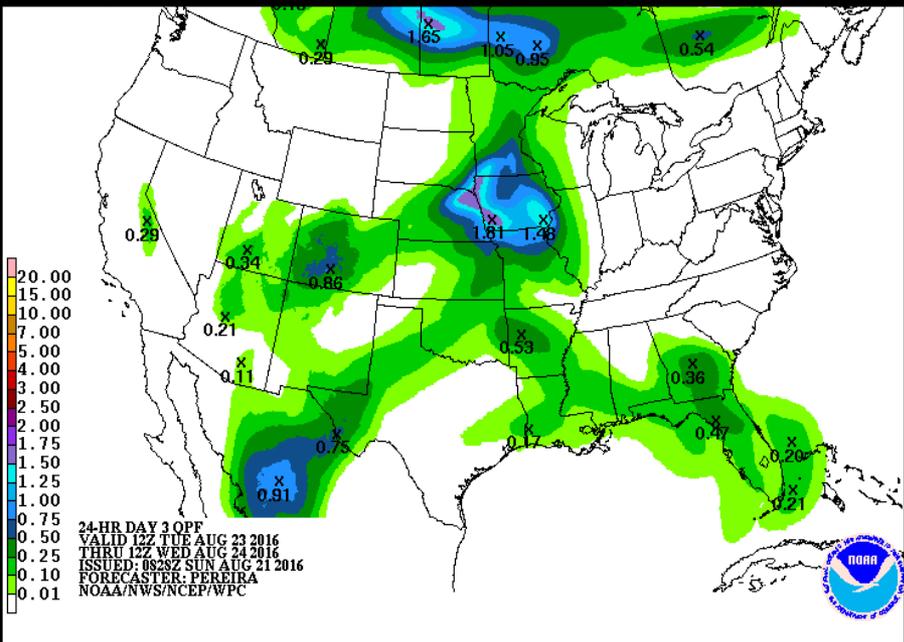
# Tuesday's Weather

**Moderate/Major River Flooding continues over S LA**

**Flash flooding possible over parts of TX into NM, SW AR, NW LA**

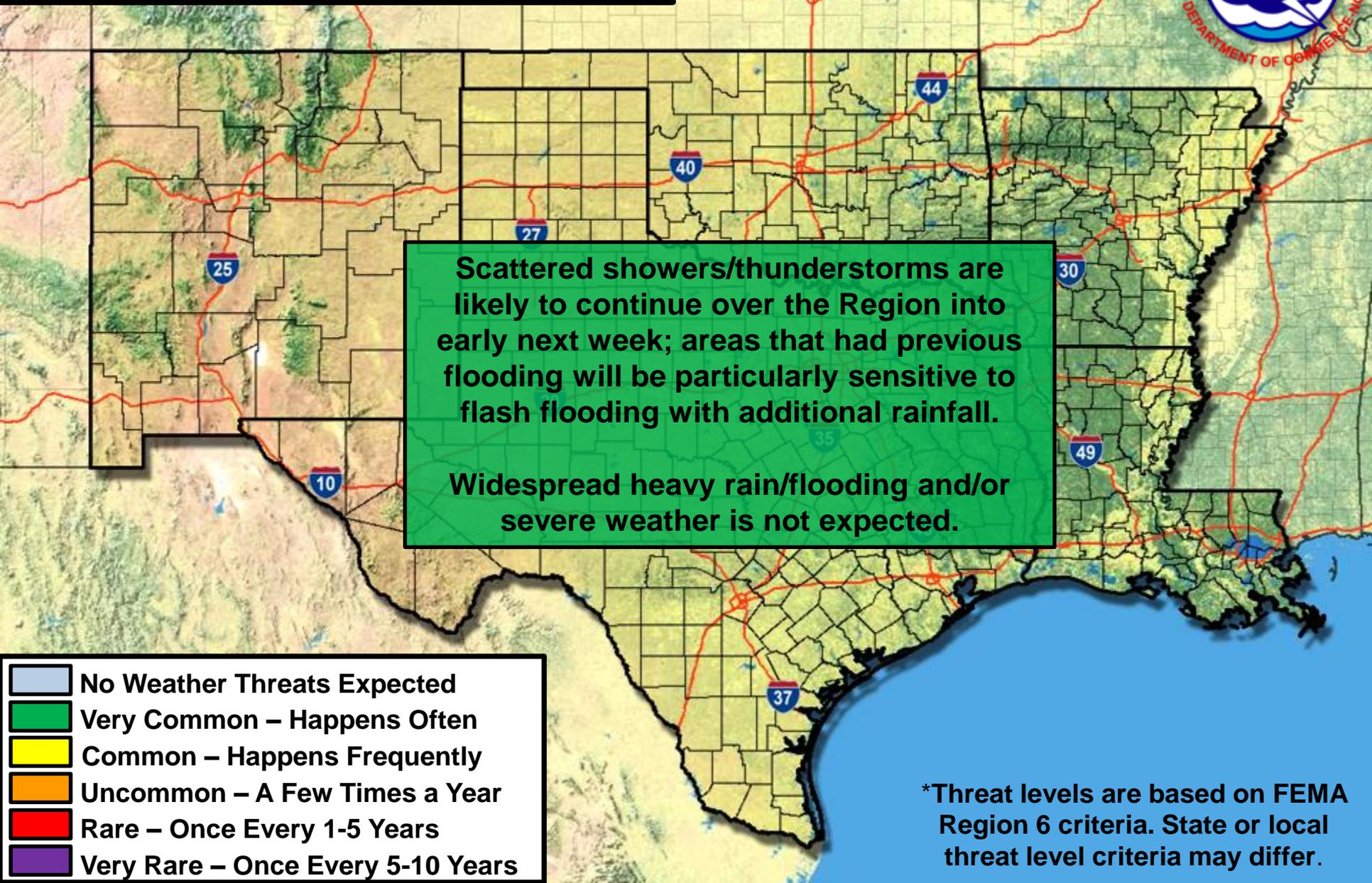


Weather Forecast for Tue, Aug 23, 2016, issued 4:47 AM EDT Sun, Aug 21, 2016  
 DOC/NOAA/NWS/NCEP/Weather Prediction Center  
 Prepared by krekler based on WPC, SPC and NHC forecasts



# Day 4-5 Weather Hazards

Valid: 0800 Wed - 0800 Fri



Scattered showers/thunderstorms are likely to continue over the Region into early next week; areas that had previous flooding will be particularly sensitive to flash flooding with additional rainfall.

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

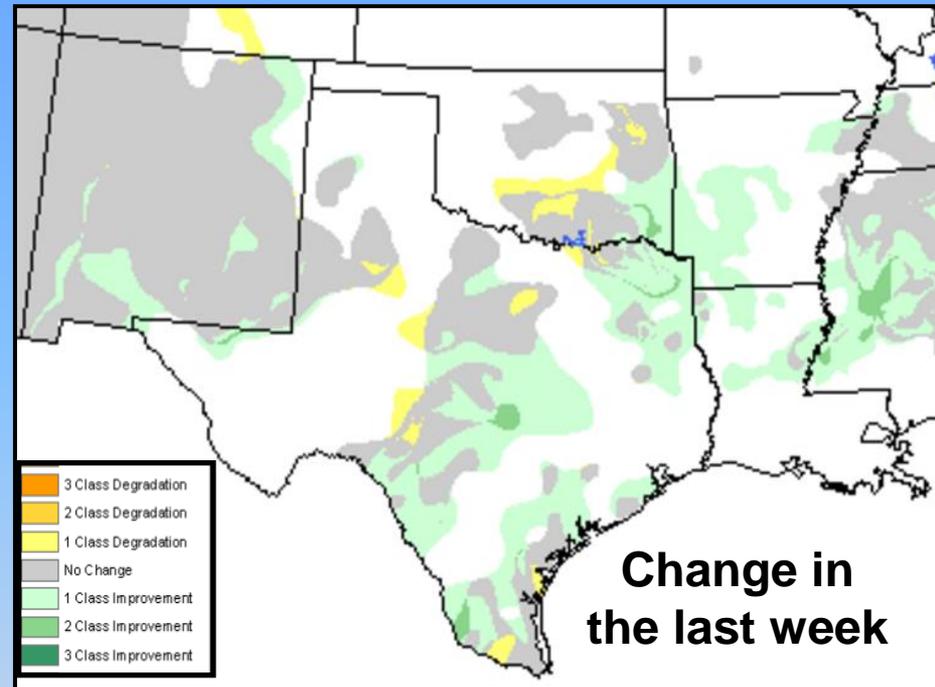
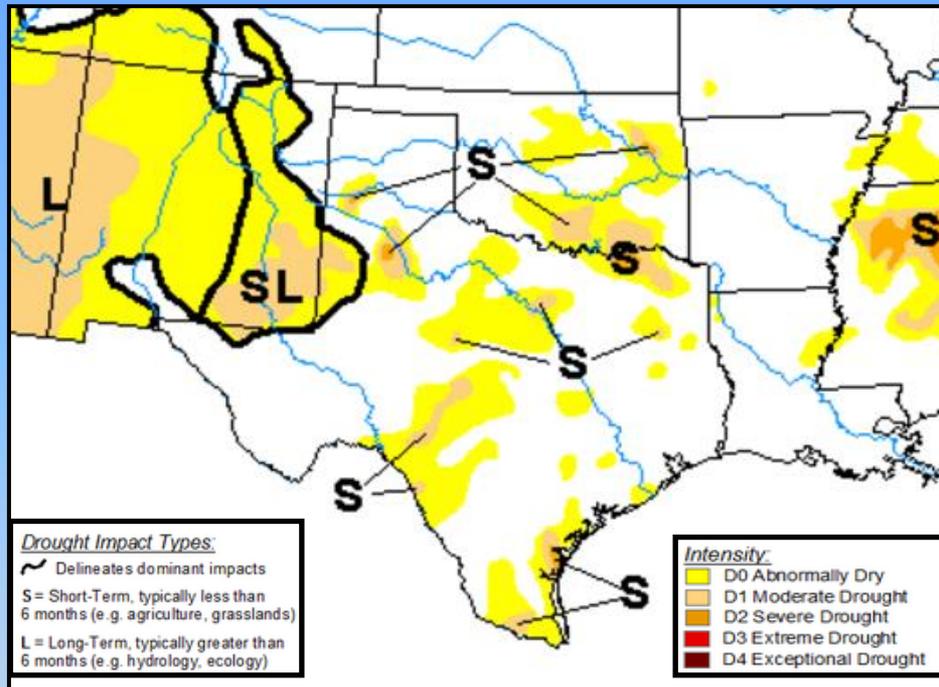
- No Weather Threats Expected
- Very Common – Happens Often
- Common – Happens Frequently
- Uncommon – A Few Times a Year
- Rare – Once Every 1-5 Years
- Very Rare – Once Every 5-10 Years

\*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%

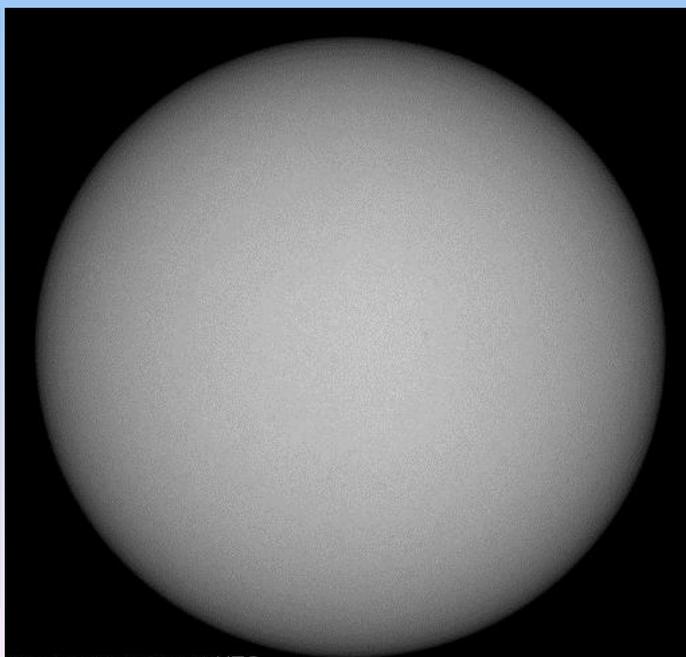
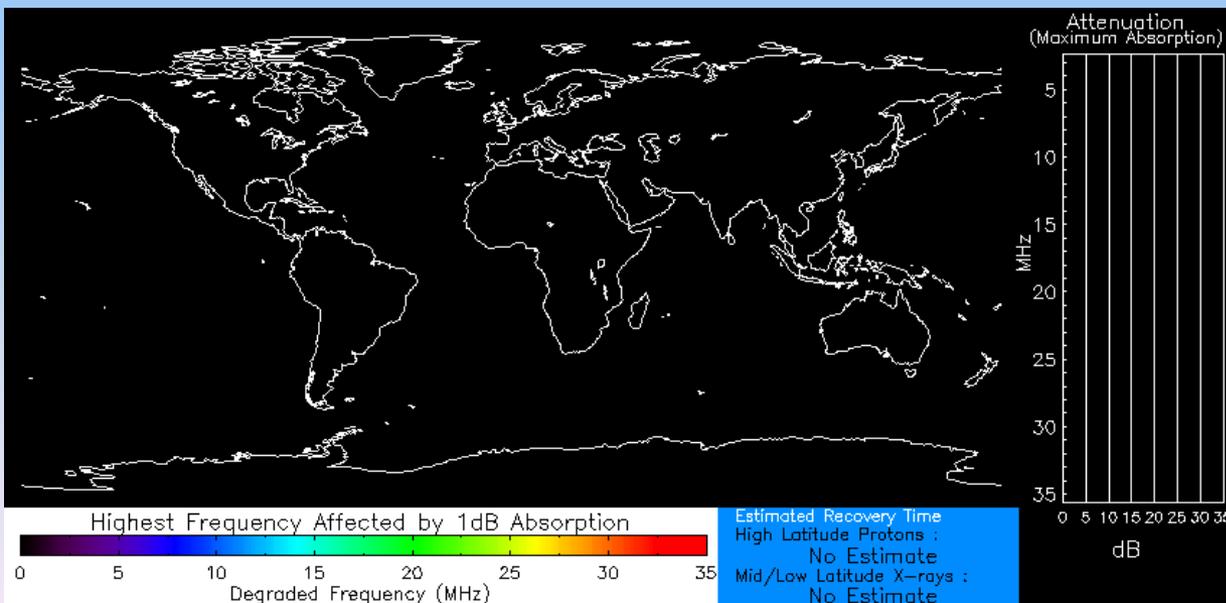
# Space Weather 3-Day Forecast



	Sunday	Monday	Tuesday
Geomagnetic Storms	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)	Quiet to Active (Max Kp = 4)
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 : 2016-08-21 09:58 UTC

Normal Proton Background  
NOAA/SWPC Boulder, CO USA

2016-08-21 09:28:00 UTC

Information provided by:



**National Weather Service**  
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Regional Operations Center  
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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 Impact Potential: Typically Results in Little Inconvenience to Daily Routines</p>	<p>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</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 Impact Potential: Typically Results in Some Inconvenience to Daily Life</p>	<p>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</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 Impact Potential: Typically Results in Minor Disruption to Daily Life</p>	<p>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</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 Impact Potential: Will likely result in Large Disruption to Daily Life</p>	<p>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</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 Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life</p>	<p>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</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>