



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

Thursday, August 11, 2016

Issued: 0800 CT

Day 1 Hazards: Heat advisories TX/E OK/AR and NW LA. Areas of flash flooding in S LA/ W TX.

National Weather Service

Southern Region Headquarters
Regional Operations Center
Fort Worth, TX



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817-978-1100 x 147



Key Points

Today

- Heat Advisories/warnings are in effect across TX into OK/AR and NW LA.
 - Maximum afternoon heat index values exceeding 105 degrees.
- Flash flood watches in effect for SE LA and far W TX.

Friday

- Areas of heavy rain/flash flooding possible over SE LA.
- Afternoon heat index values 105+ degrees continue through Friday over TX into E OK and AR.

Saturday - Monday

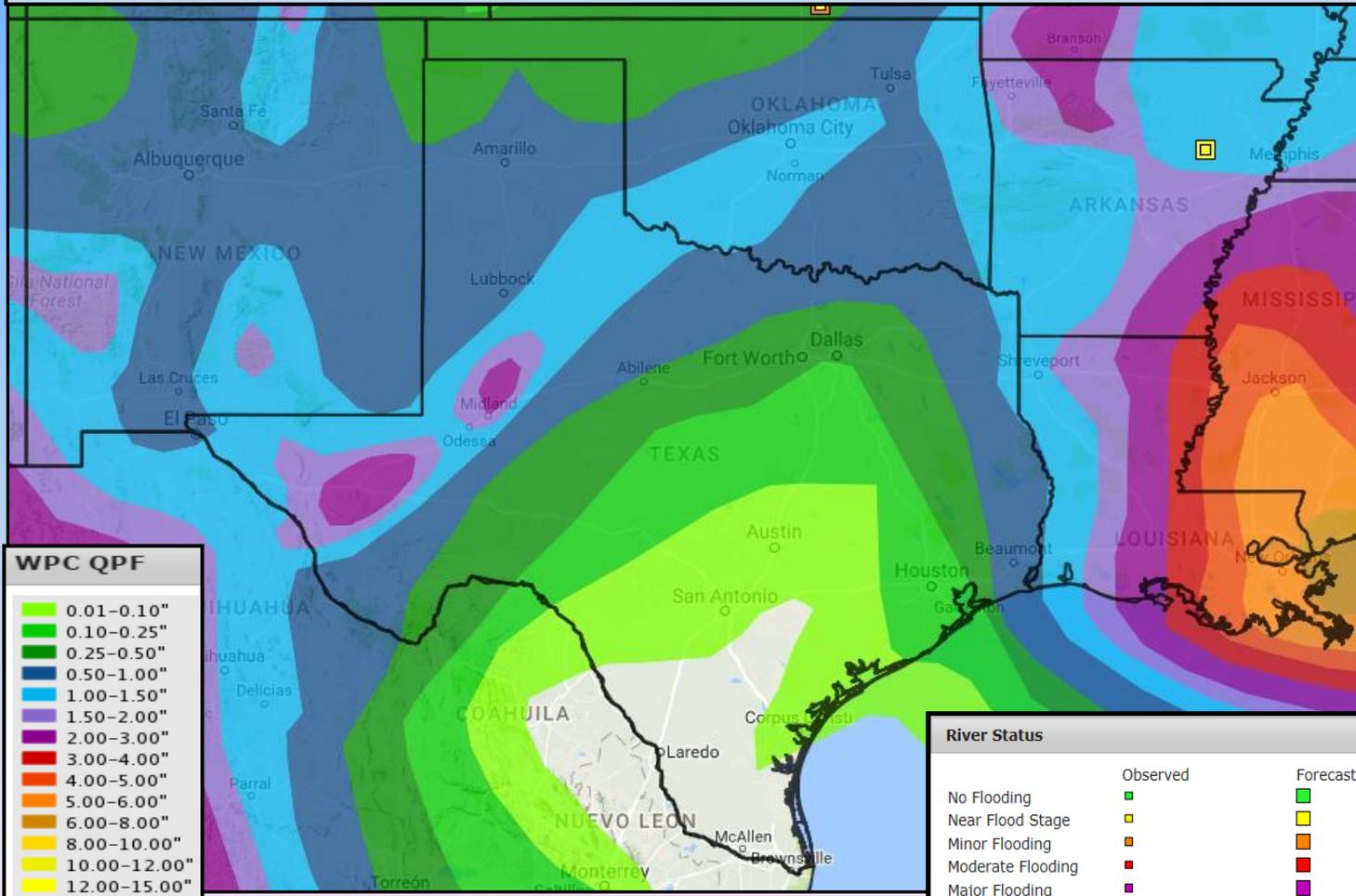
- Cold front moves across much of the Region this weekend, cooling temperatures with possible increased rain chances for most of the Region (except South TX)
 - Flash flooding may be possible across the Trans Pecos/Permian Basin in W TX.
 - Additional flash flooding may be possible over E TX/W LA.

Tropical Outlook

- The tropics are expected to remain quiet over the next 5 days

River Flood Status/5 Day Forecast Rainfall

No significant river flooding is occurring or expected. Rainfall the next 5 days over NM, W TX, and S LA may lead to some flash flooding, but river flooding is not expected at this time. No significant rainfall/flooding expected elsewhere.



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 Region 6 Threat Matrix

Aug 11, 2016 - Aug 15, 2016

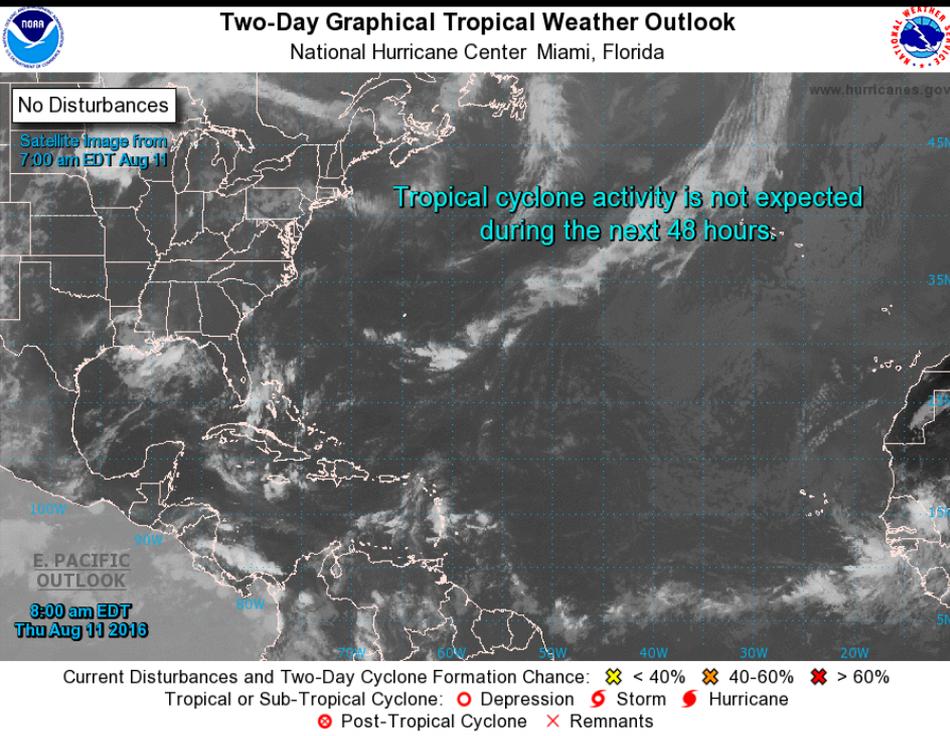
DAY/ THREAT	THU	FRI	SAT	SUN	MON
Severe Weather					
Heavy Rain/ Flash Flooding	W TX/SE LA	LA	W TX	W TX	
			E TX/W LA	AR	
Fire Weather					
Heat	TX/E OK/AR and NW LA	TX/E OK/AR	S TX →		
River Flooding					

	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.



Tropical Weather Outlook

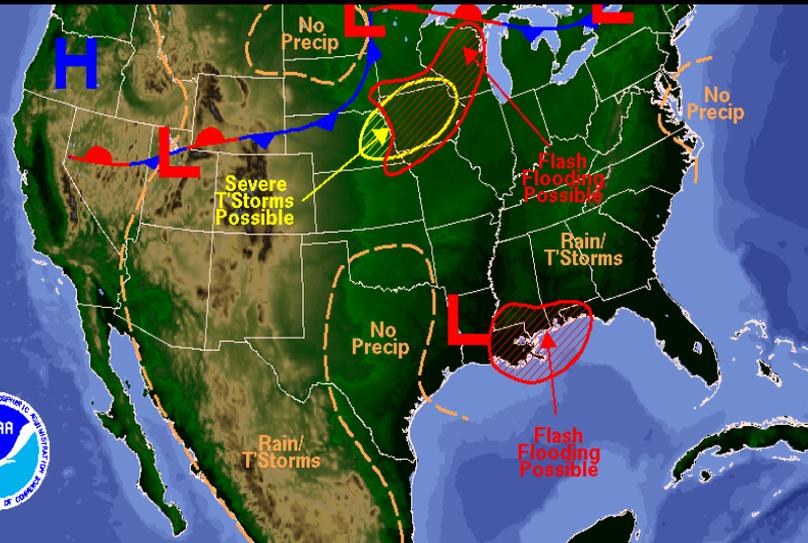


No tropical activity expected.

Formation chances through 5 days...None expected.

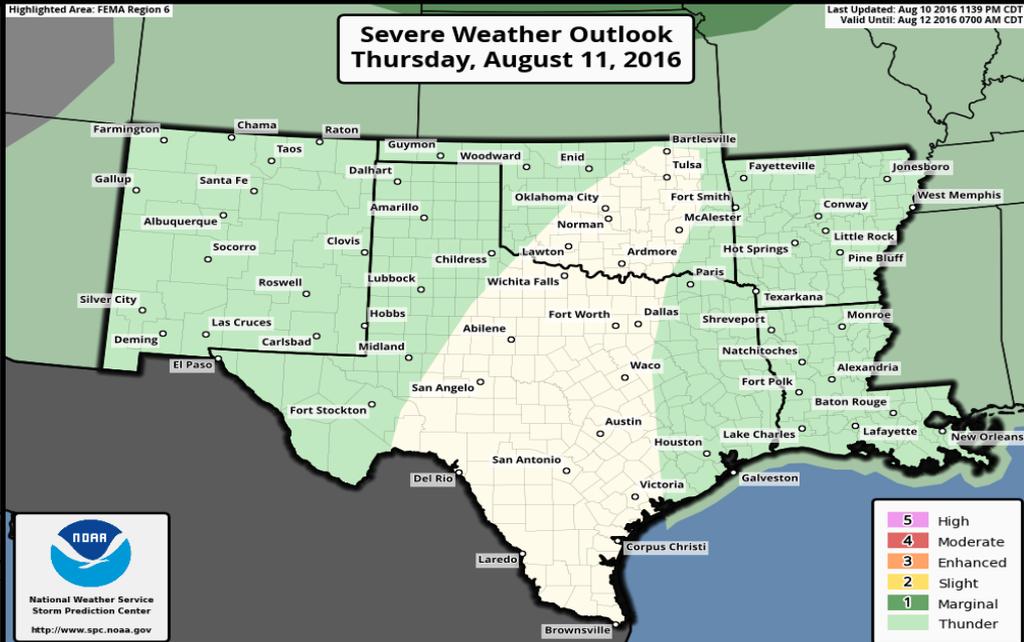
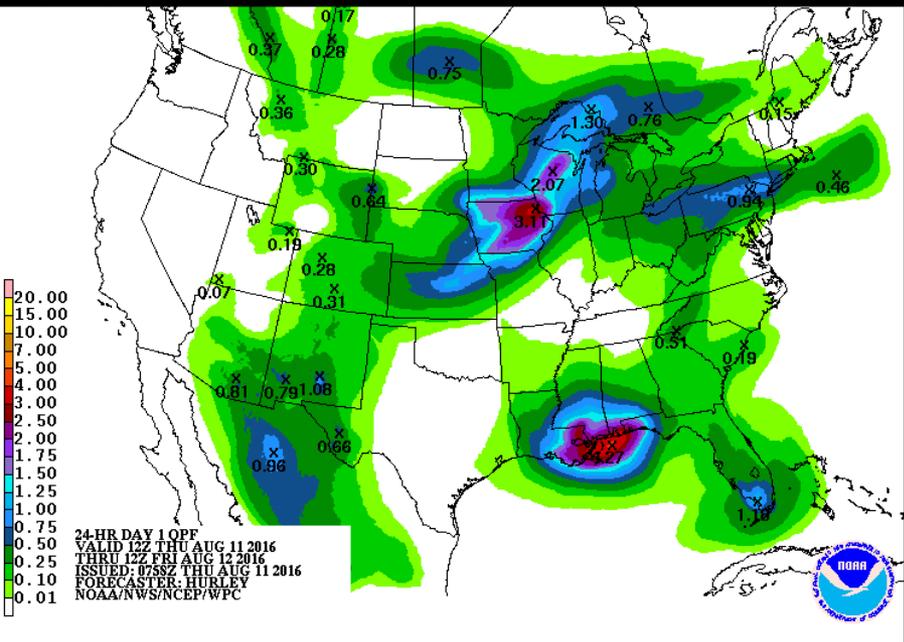


Today's Weather



Heat advisories/warnings TX/E OK/AR and NW LA.
Areas of flash flooding in far W TX and S LA.

Weather Forecast for Thu, Aug 11, 2016, issued 4:51 AM EDT
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by McCreynolds based on WPC, SPC and NHC forecasts



New Mexico Burn Scar Matrix

Burn Scar Thunderstorm Threat Matrix

<u>Burn Scar</u>	Today	Friday	Saturday	Sunday	Monday
Diego (2014)	Slight	Slight	Moderate	High	Moderate
Dog Head (2016)	Moderate	Moderate	Moderate	Slight	Slight
Las Conchas (2011)	Moderate	Slight	Moderate	Moderate	Slight
Little Bear (2012)	High	High	Moderate	Slight	Slight
North (2016)	High	Slight	Moderate	Moderate	Slight
Thompson Ridge (2013)	Moderate	Moderate	Moderate	High	Moderate
Tres Lagunas (2013)	Moderate	Moderate	High	High	Slight
Whitewater-Baldy (2012)	High	Slight	Moderate	Moderate	Slight

Table indicates probability for thunderstorms. This product is for planning purposes only. Refer to the latest bulletins from the NWS concerning immediate threats for flash flooding.

For a map of the burn scars, go to:

<http://www.srh.noaa.gov/images/abq/burnscars/BurnScarMap.jpg>

None = 0%

Slight = 10-30%

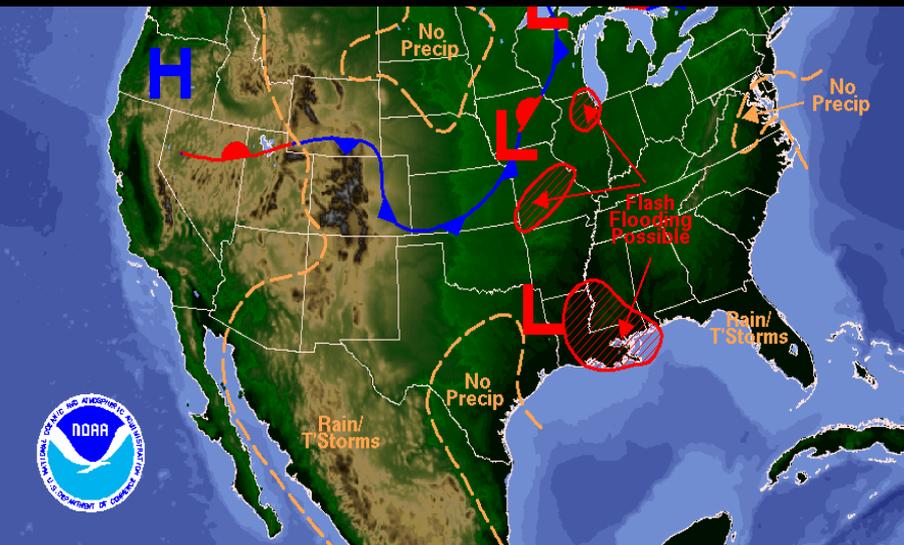
Moderate = 40-60%

High = 60% +



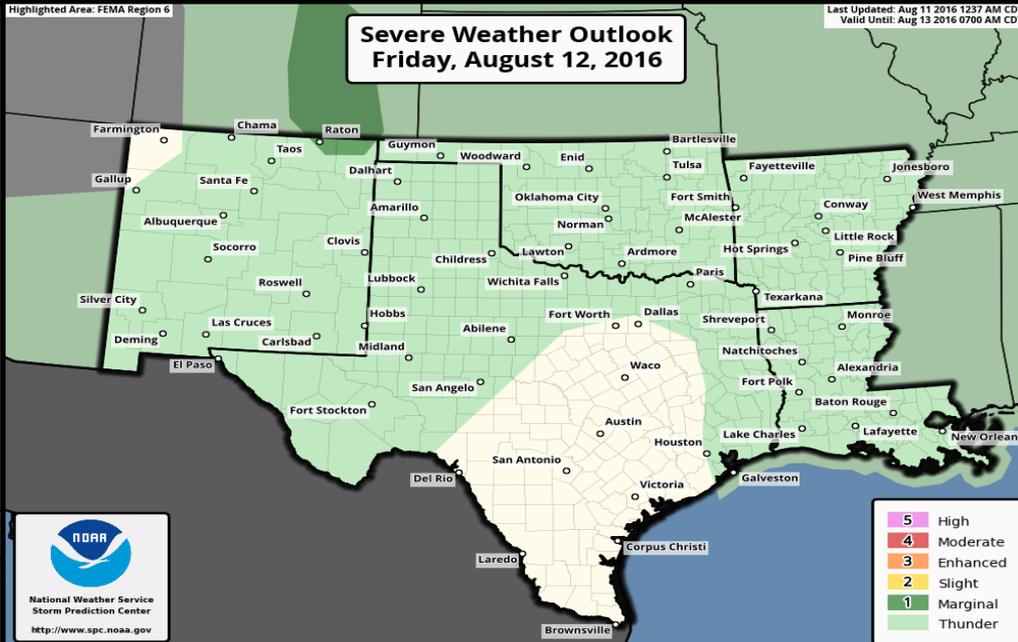
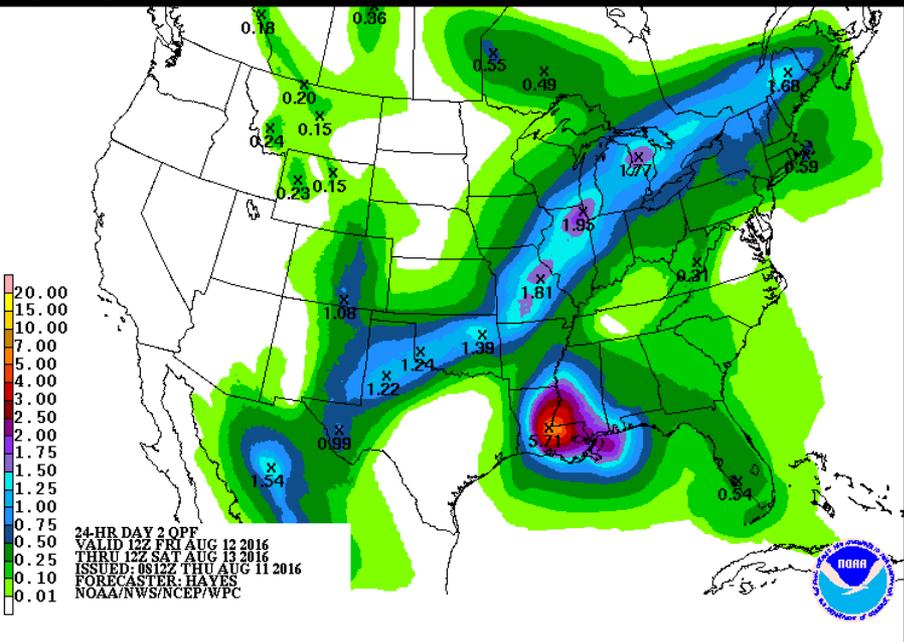
347 AM MDT
Thu Aug 11 2016
National Weather Service
Albuquerque, NM

Tomorrow's Weather

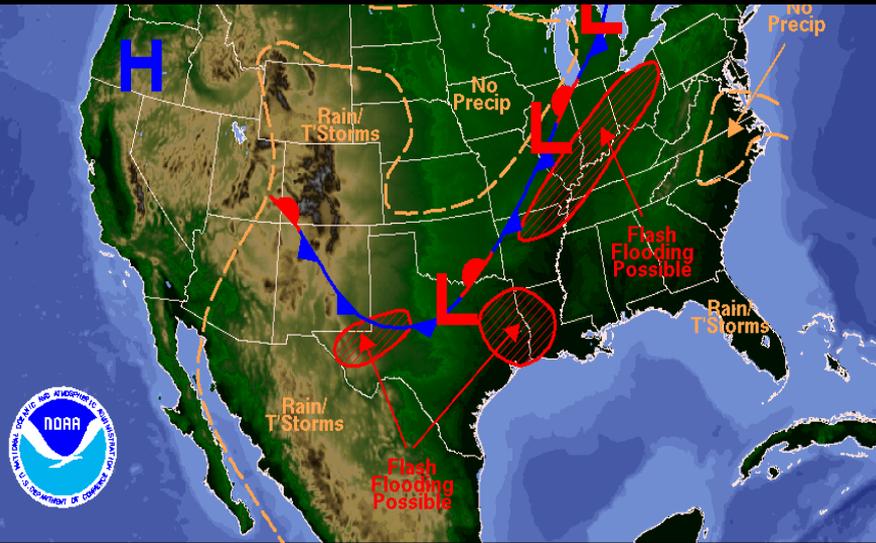


Weather Forecast for Fri, Aug 12, 2016, issued 4:54 AM EDT Thu, Aug 11, 2016
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by McReynolds based on WPC, SPC and NHC forecasts

Afternoon heat index values of 105+ degrees in TX/E OK/AR.
Areas of flash flooding in E LA.



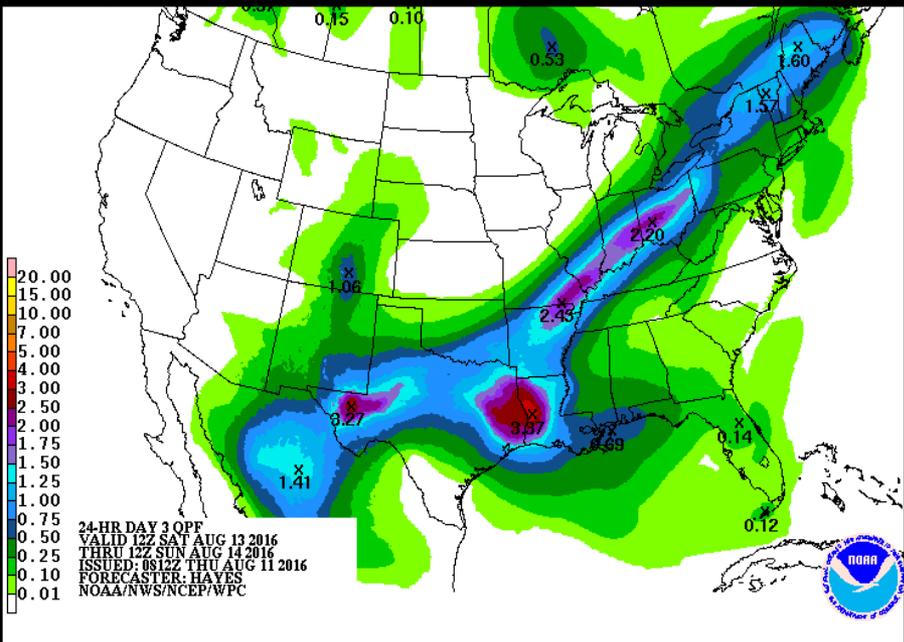
Saturday's Weather



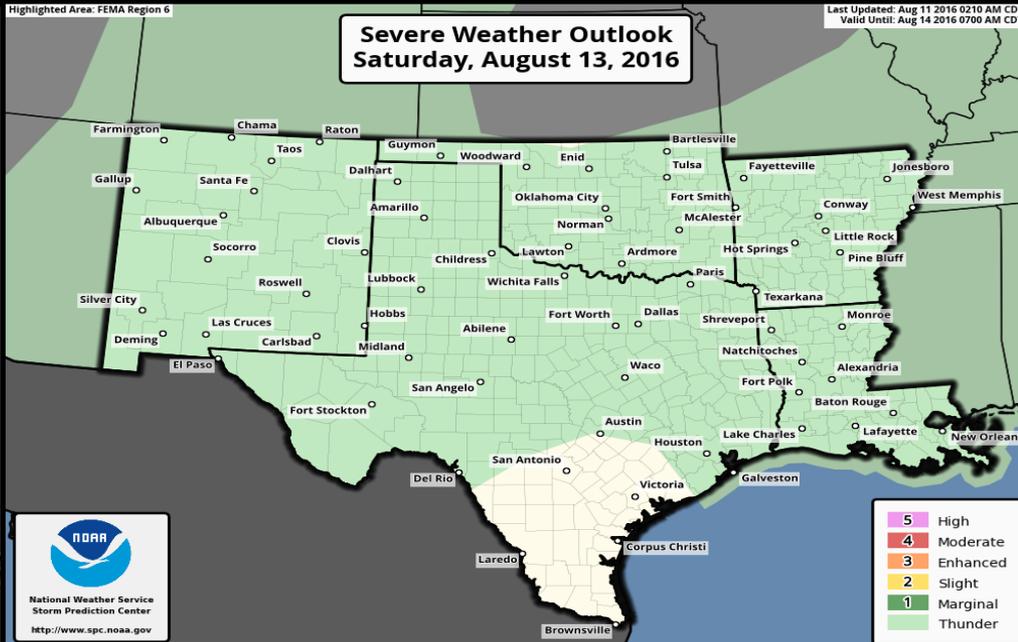
Weather Forecast for Sat, Aug 13, 2016, issued 4:57 AM EDT Thu, Aug 11, 2016
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by McReynolds based on WPC, SPC and NHC forecasts

Areas of flash flooding in Trans Pecos/Permian Basin TX.

Afternoon heat index values of 105+ degrees in S TX.
 Areas of flash flooding in E TX/W LA.



24-HR DAY 3 QPF
 VALID 12Z SAT AUG 13 2016
 THRU 12Z SUN AUG 14 2016
 ISSUED: 0812Z THU AUG 11 2016
 FORECASTER: HAYES
 NOAA/NWS/NCEP/WPC



Severe Weather Outlook
 Saturday, August 13, 2016

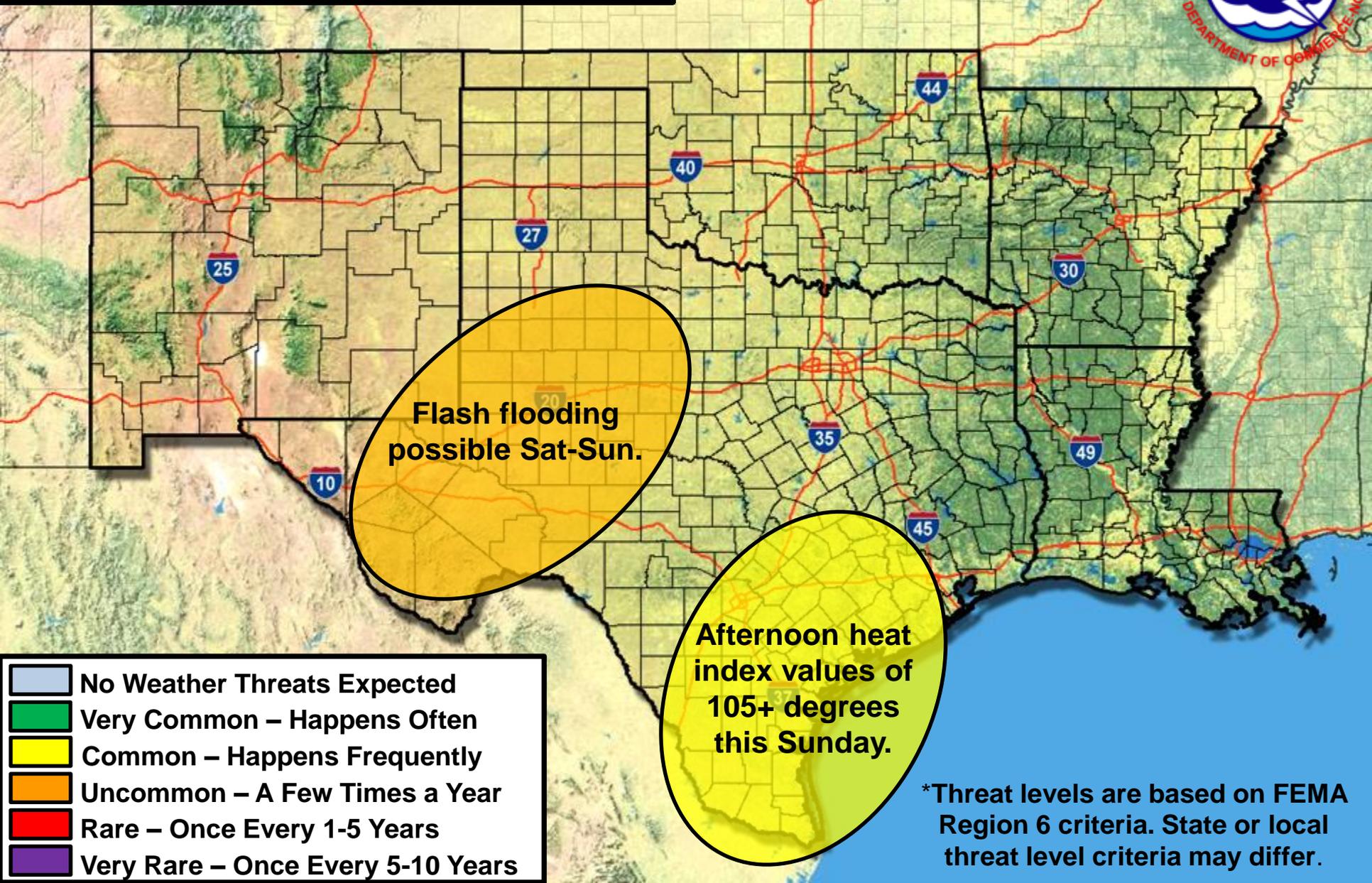
Last Updated: Aug 11 2016 0210 AM CDT
 Valid Until: Aug 14 2016 0700 AM CDT

- 5 High
- 4 Moderate
- 3 Enhanced
- 2 Slight
- 1 Marginal
- Thunder



Day 4-5 Weather Hazards

Valid: 0800 Sun - 0800 Tue



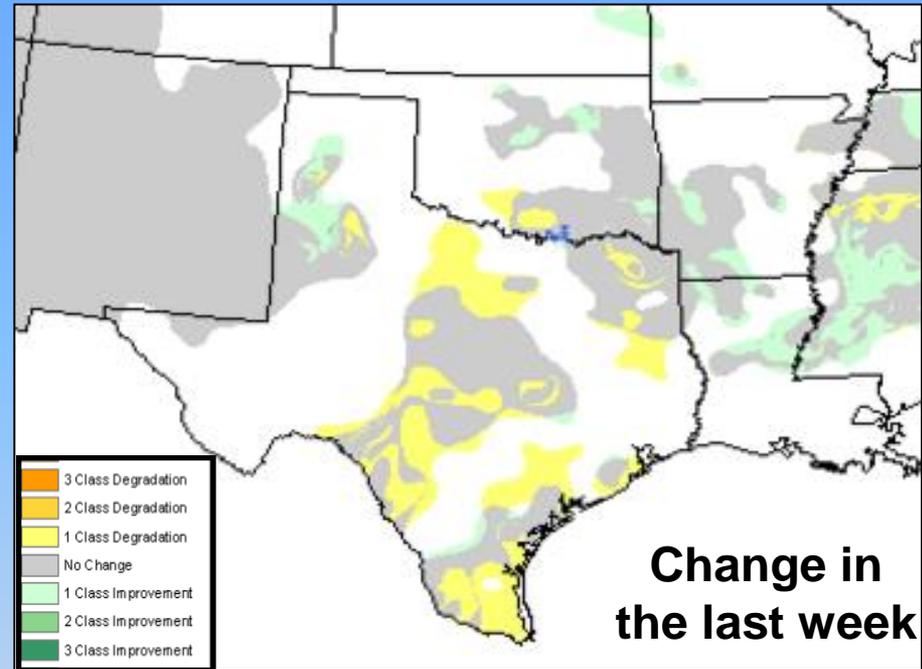
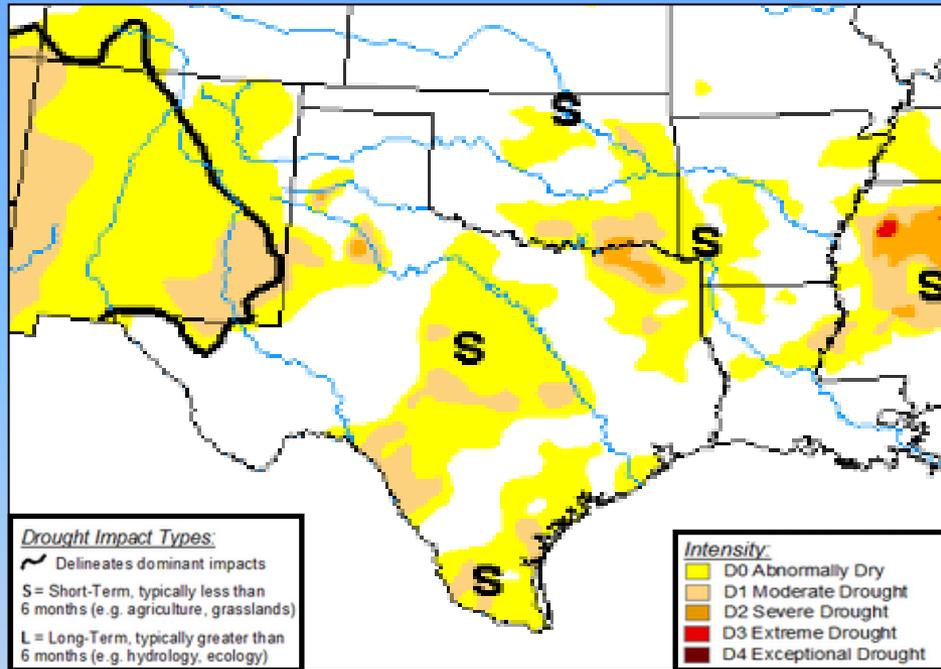
	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

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



Drought Monitor Released August 11, 2016

Data valid as of 7am CDT, Thursday August 9, 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	0.00%	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%

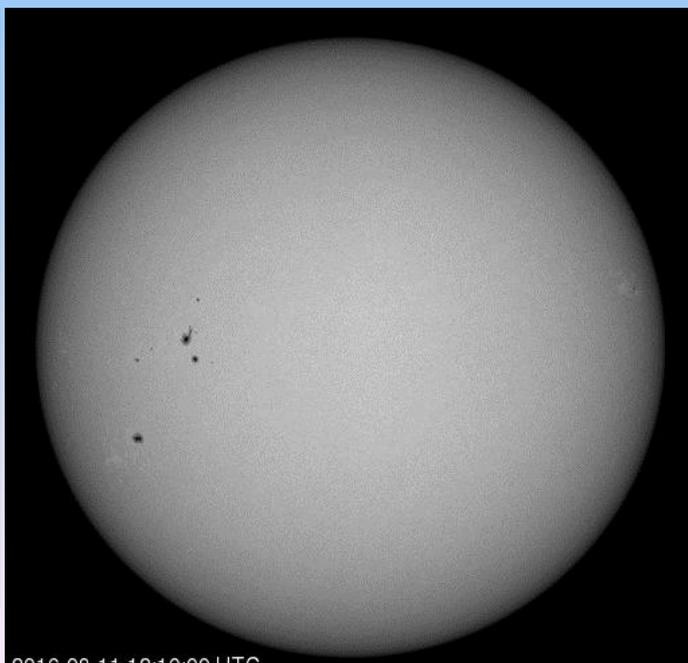
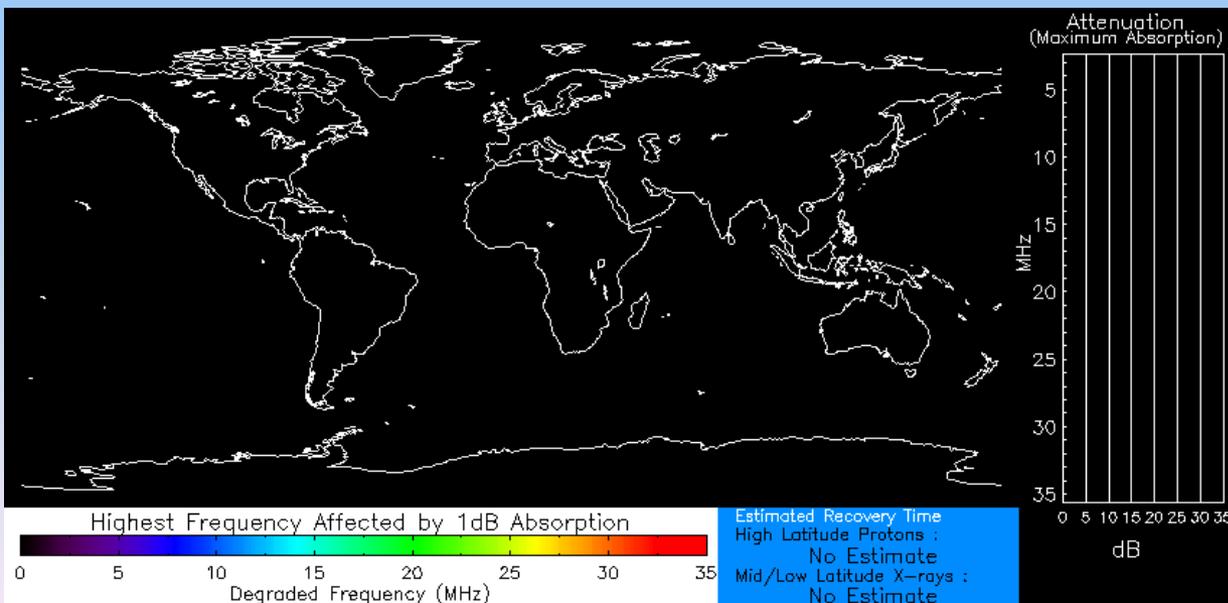
Space Weather 3-Day Forecast



	Thursday	Friday	Saturday
Geomagnetic Storms	Quiet to Unsettled (Max Kp = 3)	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	10%	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 : 2016-08-11 12:49 UTC

Normal Proton Background
 NOAA/SWPC Boulder, CO USA

Information provided by:



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Regional Operations Center
Fort Worth, TX

Phone: (817) 978-1100 x147

E-mail: 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

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