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

Friday, August 12, 2016
Issued: 0800 CT

National Weather Service

Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

***Day 1 Hazards*: Significant Flash Flooding and River Flooding in S/E LA.**

Heat advisories S/E TX/E OK, and AR. Areas of flash flooding in W TX.

Prepared by: Jen McNatt
817-978-1100 x 147

Key Points

Today

- ***Significant Flash Flooding and Localized River Flooding due to Heavy Rain over Southern LA***
  - ***Rises on Rivers and Creeks expected, but significant widespread river flooding is not expected.***
- **Heat Advisories are in effect across S and S/E TX.**
  - **Maximum afternoon heat index values exceeding 110 degrees.**
- **Heat advisories are in effect across N TX, E OK, E AR and N/E LA.**
  - **Maximum afternoon heat index values exceeding 105 degrees.**
- **Flash flood watches in effect for S LA and far W TX.**

Saturday - Sunday

- **Cooler temperatures & increased rain chances for most FEMA 6 (except South TX)**
  - **Flash flooding possible across the Trans Pecos/Permian Basin in W TX.**
  - **Additional flash flooding possible over E TX, LA, and N AR.**

Monday – Tuesday

- **Heavy rainfall may persist across NE TX, E OK, and N AR.**
  - **Isolated flash flooding possible.**

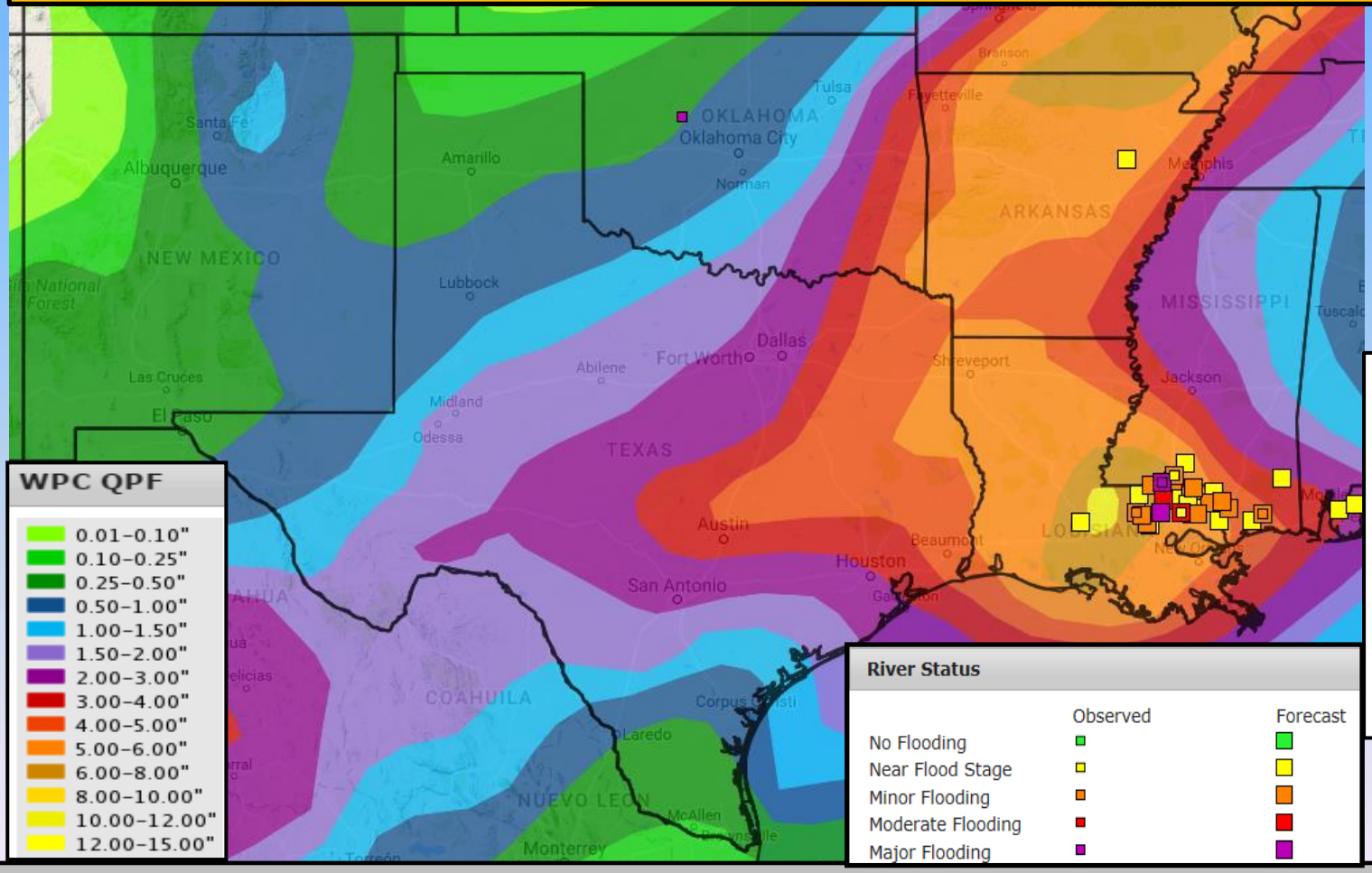
Tropical Outlook

- **No tropical activity expected over the next 5 days**

River Flood Status/5 Day Forecast Rainfall

Localized significant river flooding is occurring or expected over S/E LA.

Heavy Rainfall expected over the next 5 days over W/E TX, LA, E OK, and AR may lead to flash flooding and localized river flooding.



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 12, 2016 - Aug 16, 2016

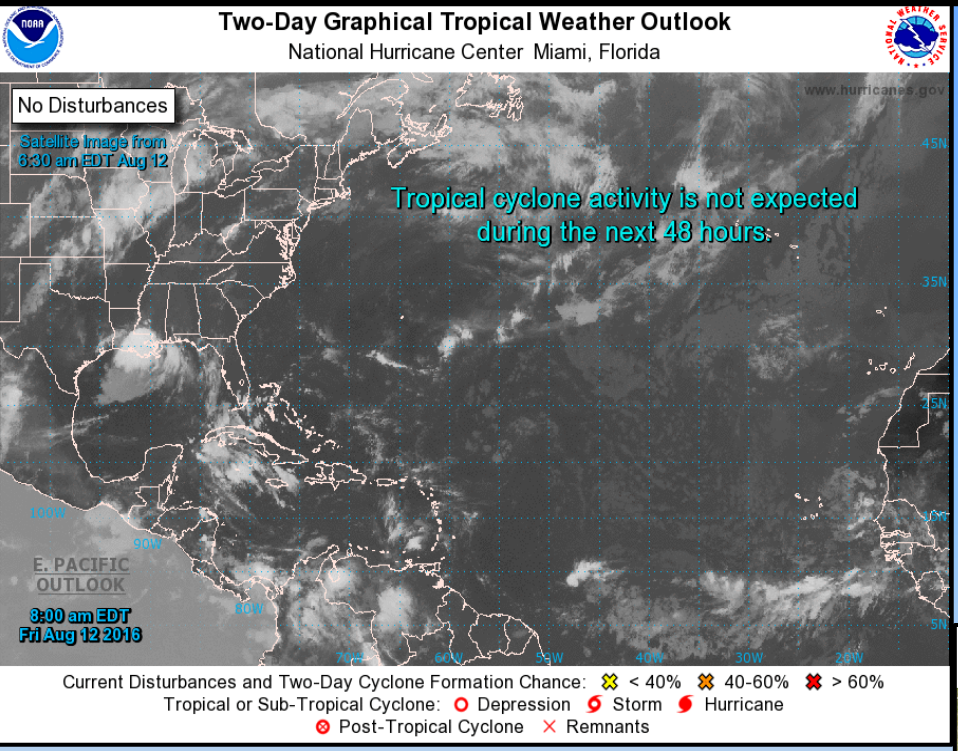
DAY/ THREAT	FRI	SAT	SUN	MON	TUE
Severe Weather					
Heavy Rain/ Flash Flooding	S LA W TX	W TX LA, E TX, NE AR	W TX E TX, E OK, NE AR	NE AR E TX, E OK	E TX, E OK, NE AR
Fire Weather					
Heat	SE TX, NE OK S TX, E OK, AR	S TX	→	→	
River Flooding	W TX, S/E LA	W TX, S/E LA	W TX, S/E LA		

- 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.

NATIONAL WEATHER SERVICE
U.S. DEPARTMENT OF COMMERCE-NOAA

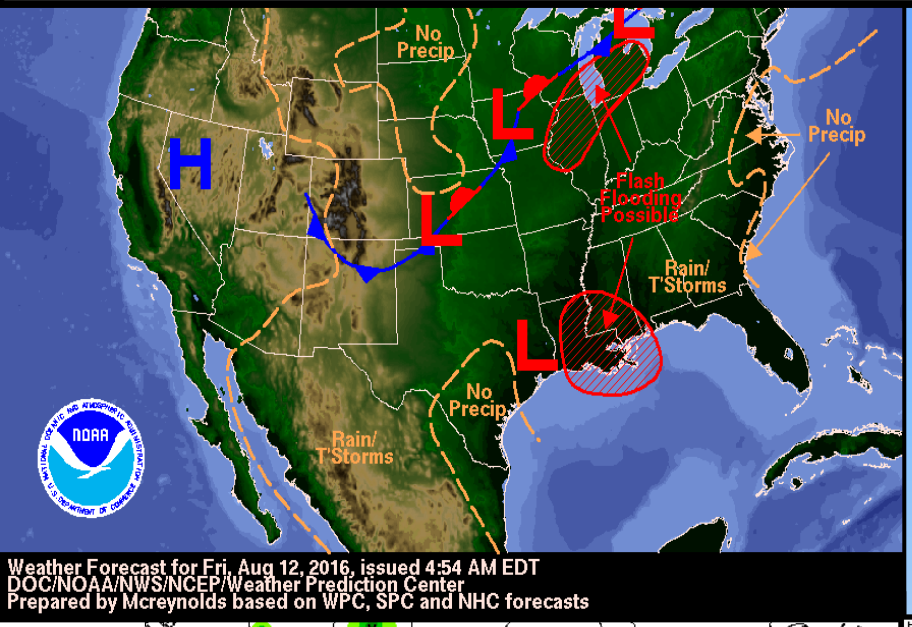
Tropical Weather Outlook



No tropical activity expected.

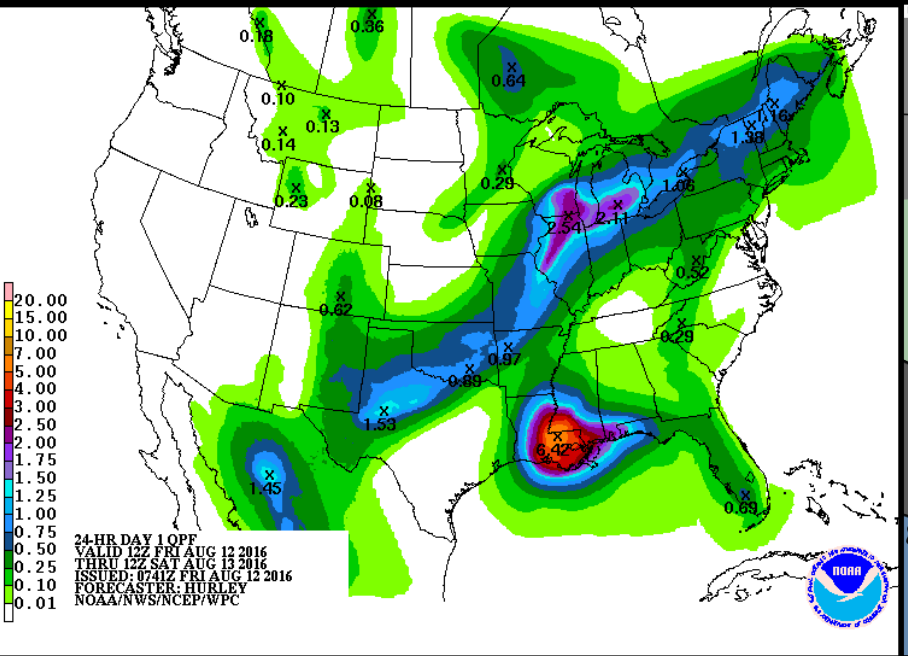
Formation chances through 5 days…None expected.

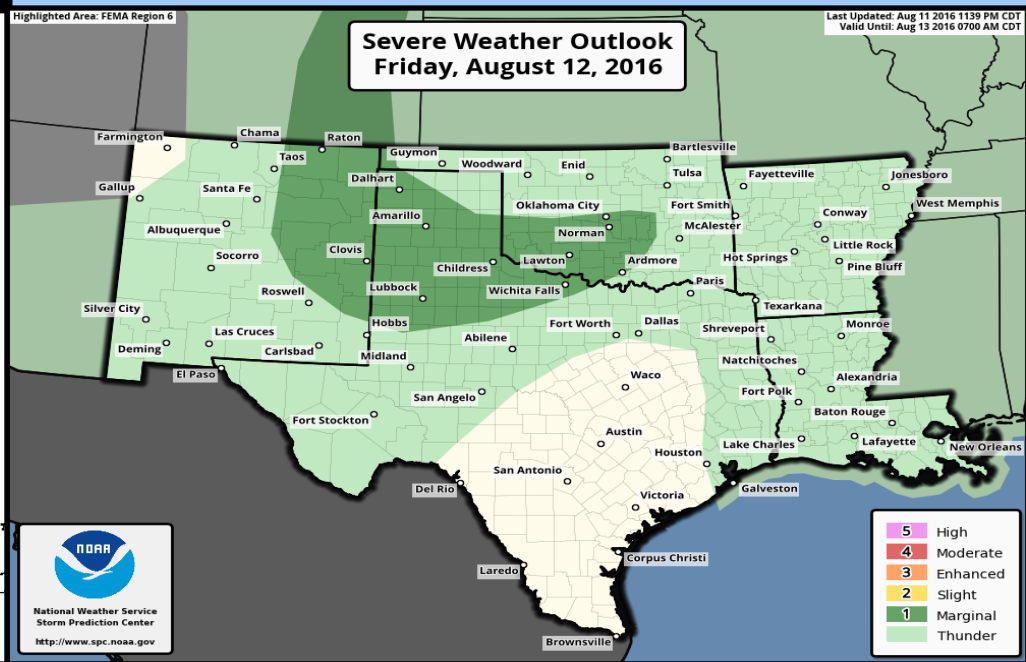
Today's Weather



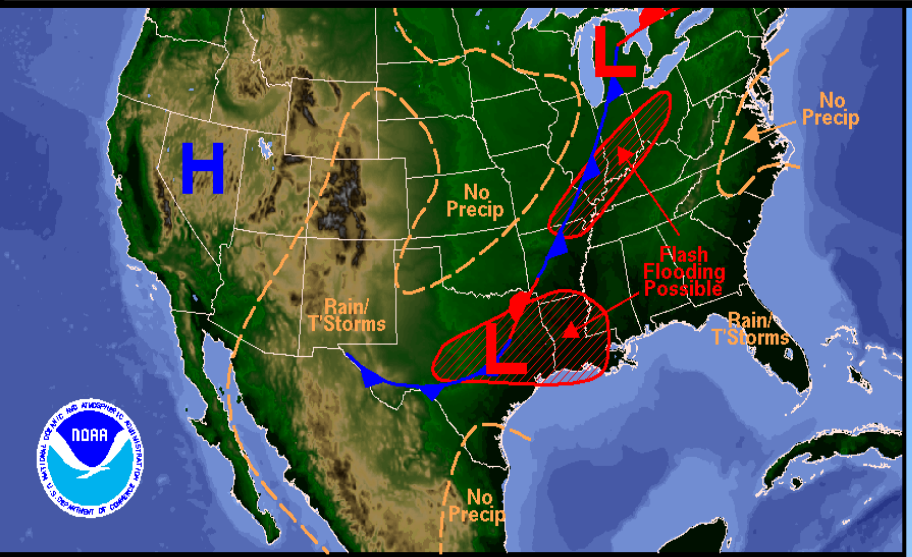
Heat warnings SE TX, and NE OK.
Areas of flash flooding in far W TX and S/E LA.

Heat advisories S/E TX, E OK, and AR.



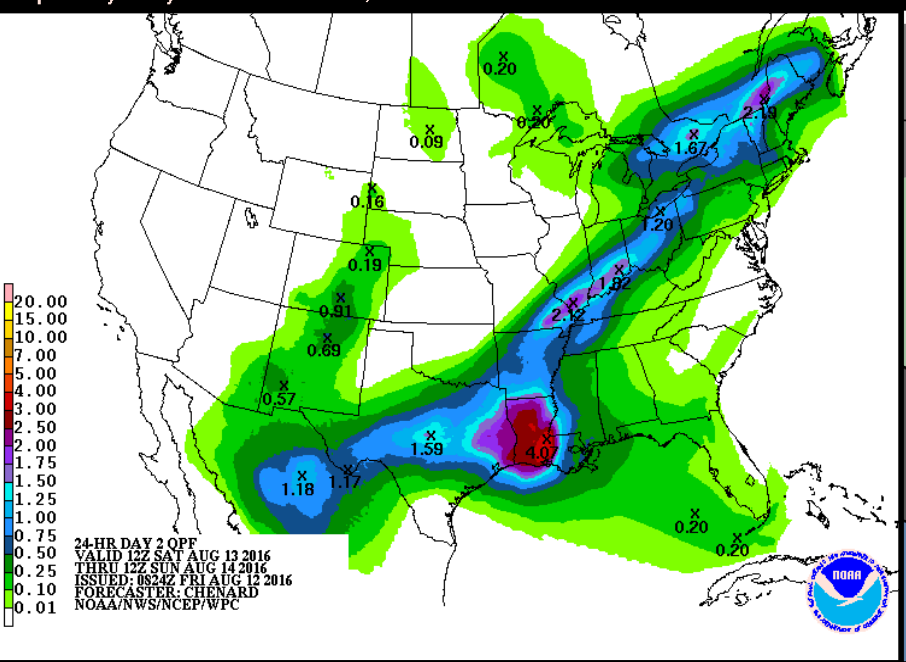


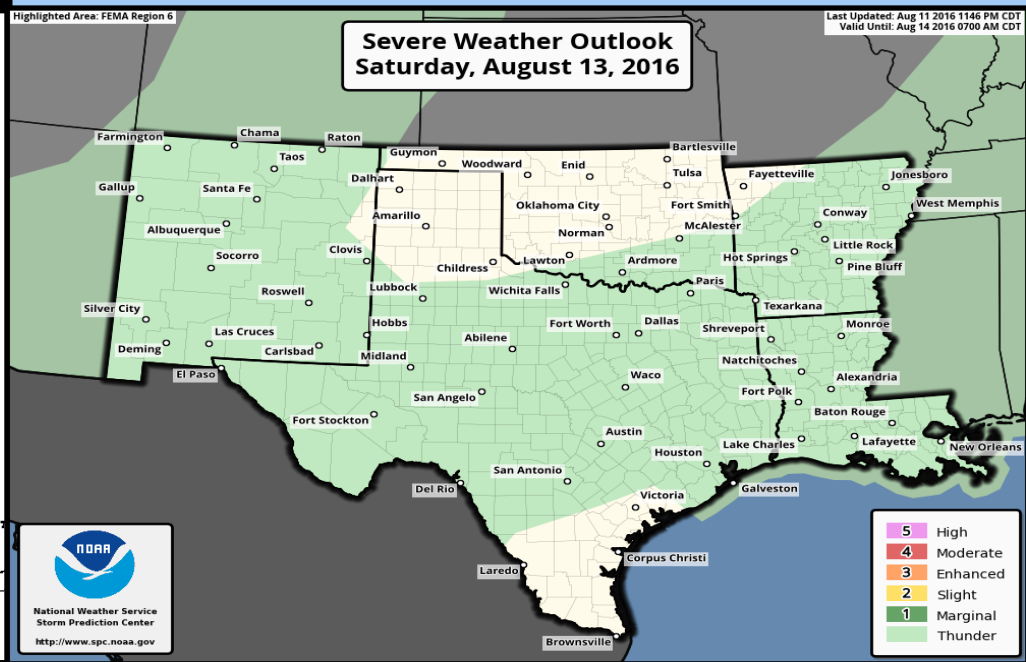
Tomorrow's Weather



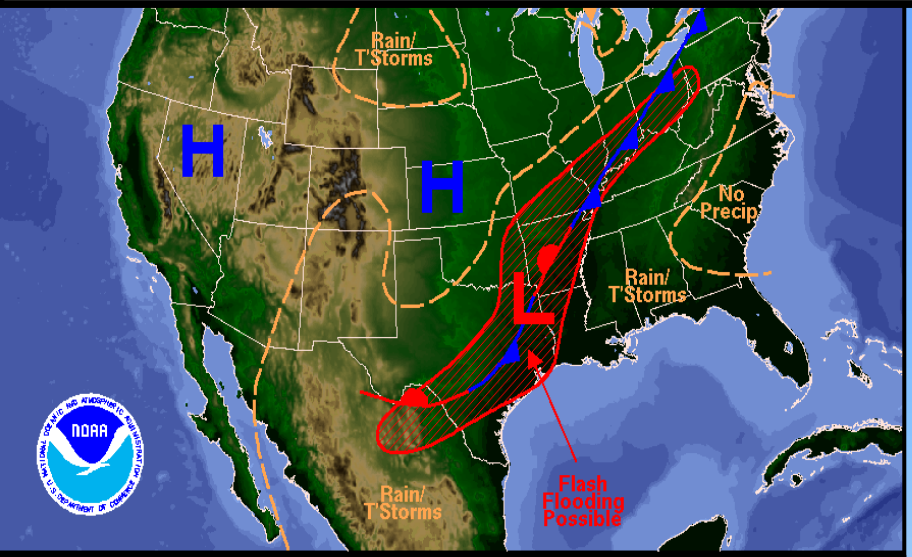
Areas of flash flooding possible in far W TX and S/E LA.

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



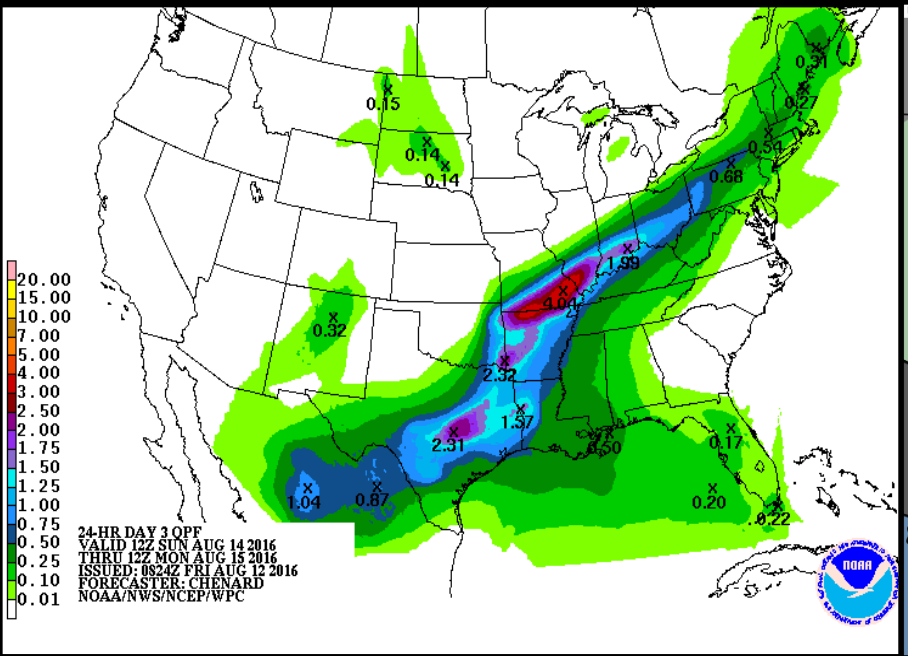


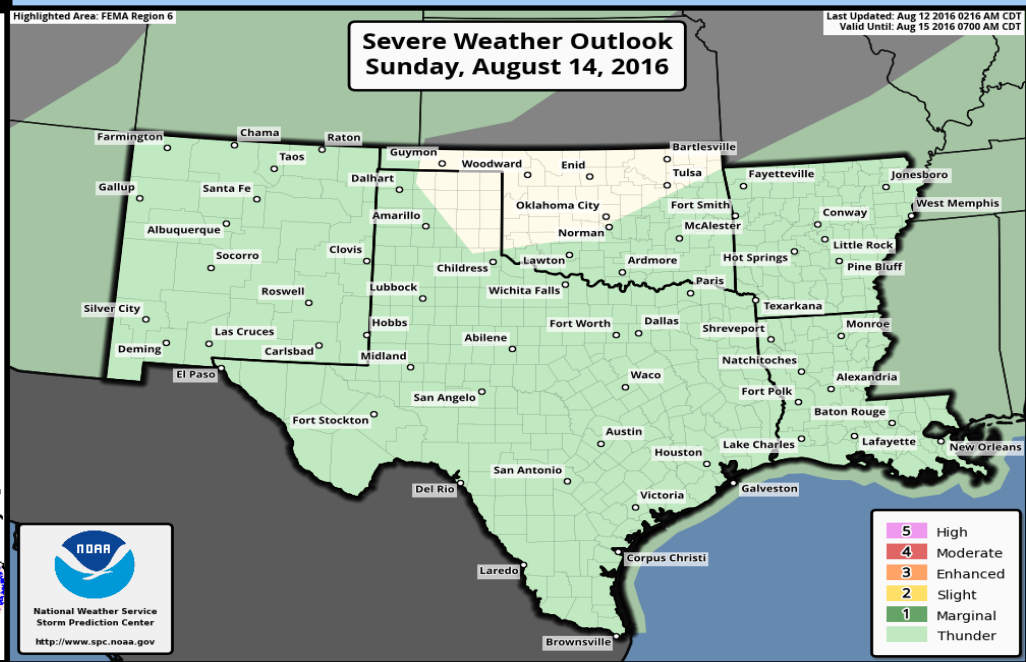
Sunday's Weather



Areas of flash flooding in Trans Pecos/Permian Basin TX and S/E LA.

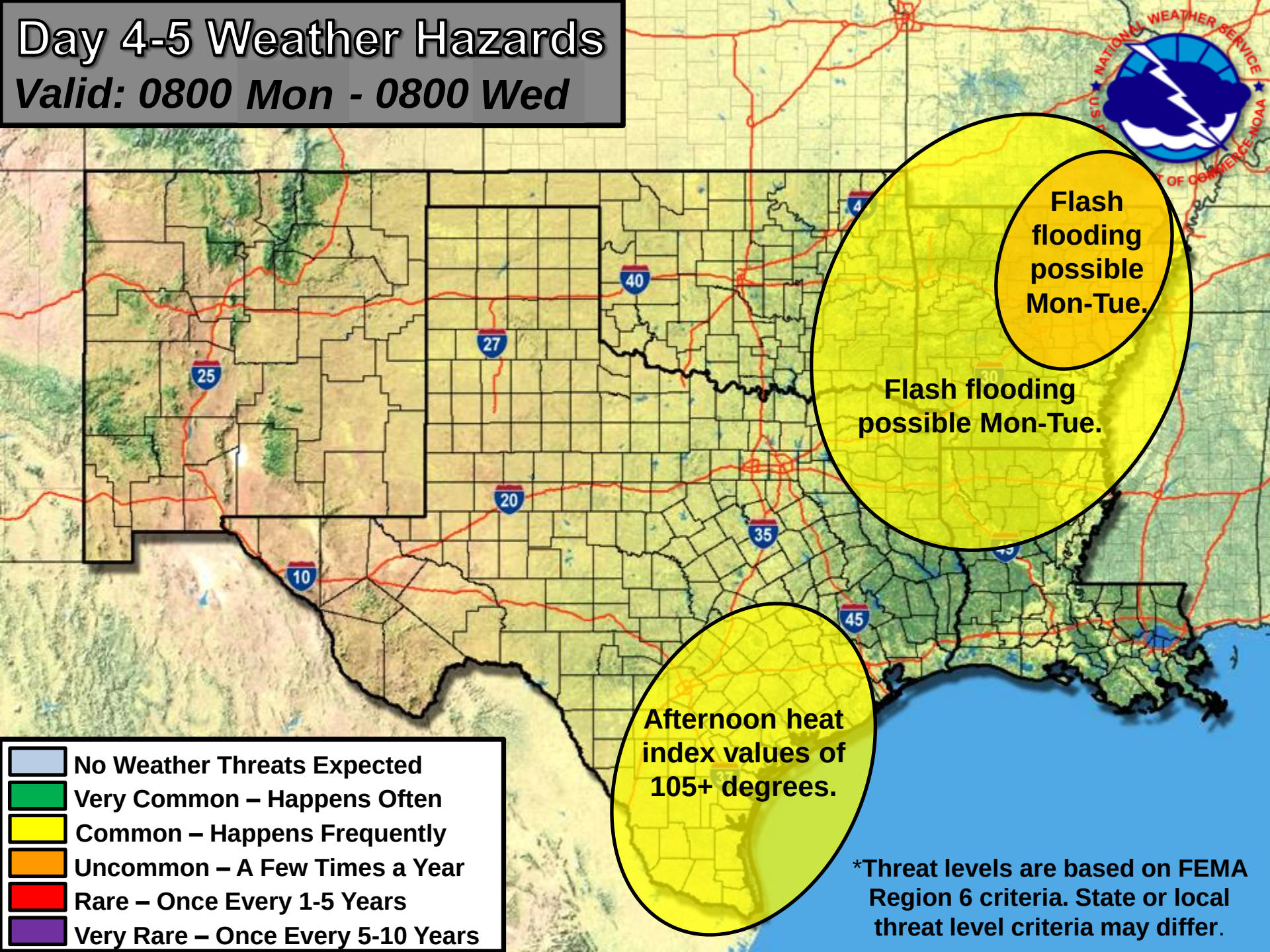
Afternoon heat index values of 105+ degrees in S TX.
Areas of flash flooding in E TX, E OK, and N AR.





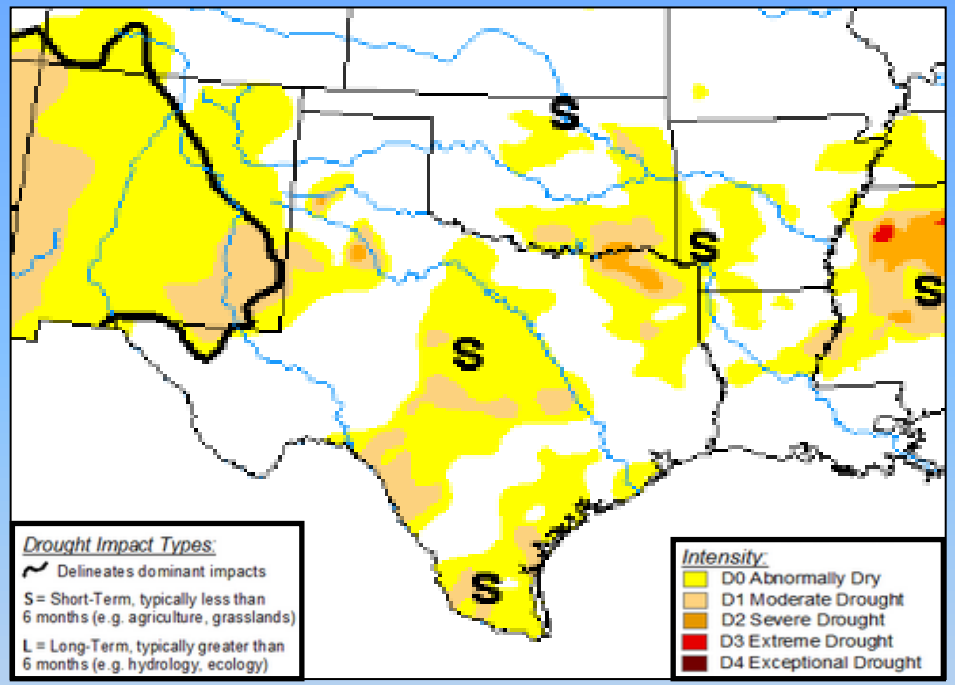
Day 4-5 Weather Hazards

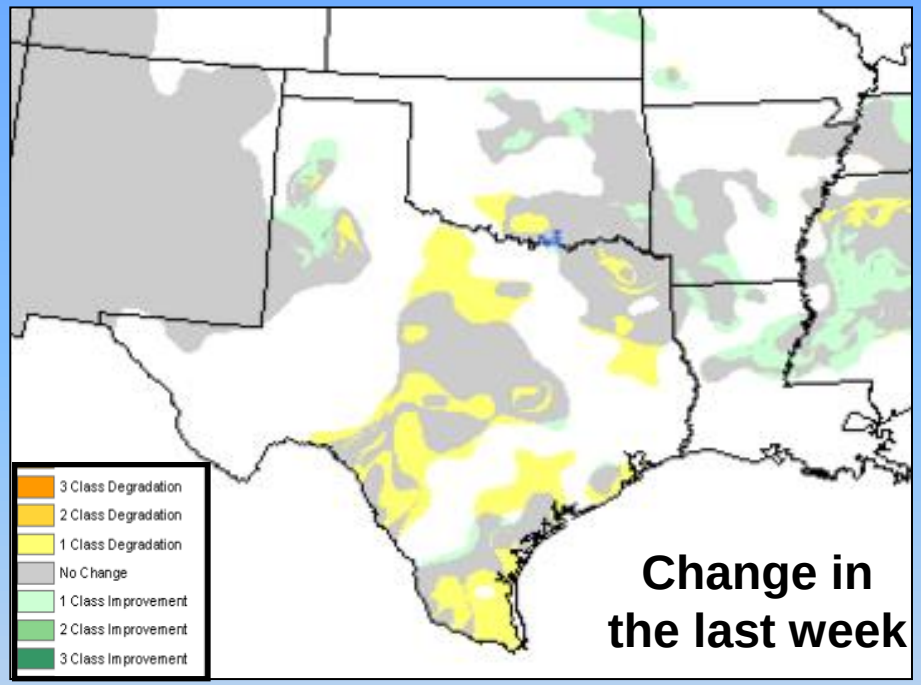
Valid: 0800 Mon - 0800 Wed



Drought Monitor Released August 11, 2016

Data valid as of 7am CDT, Thursday August 9, 2016





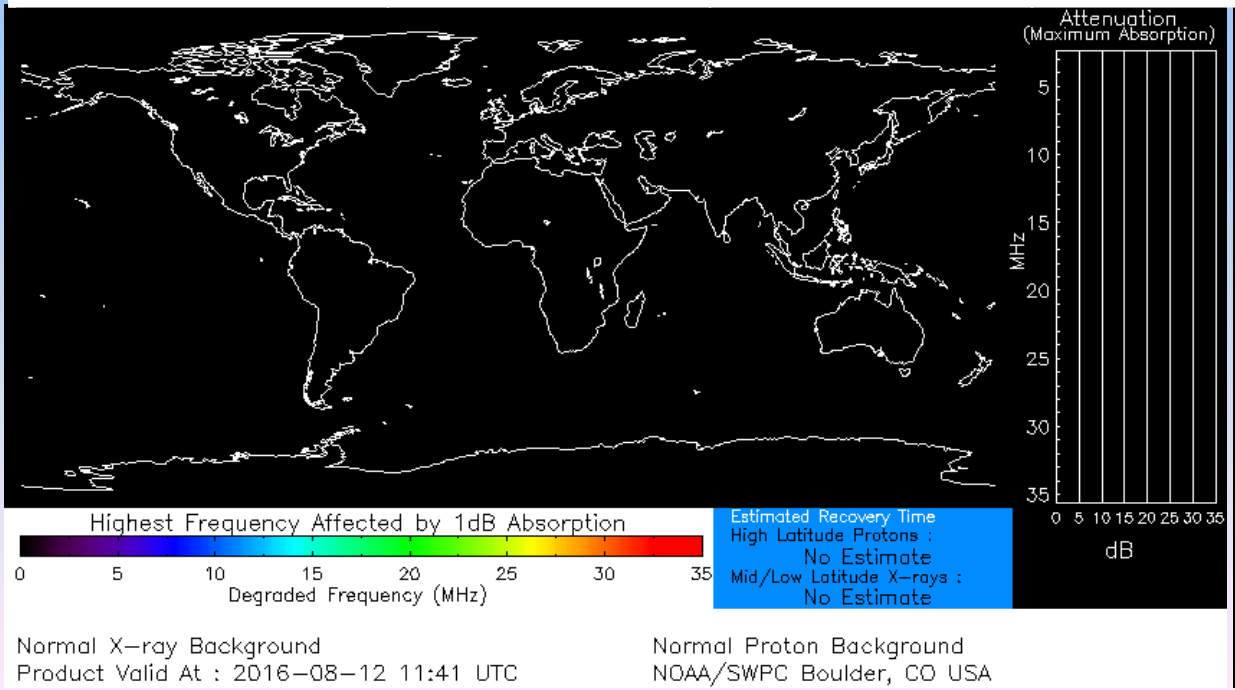
Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)				
State	Current	Last Week	3 Months Ago	1 Year Ago
Oklahoma	0.00%	0.00%	0.00%	0.00%
Texas	0.00%	0.00%	0.00%	0.00%
Arkansas	0.00%	0.00%	0.00%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%
New Mexico	0.00%	0.00%	0.00%	0.00%

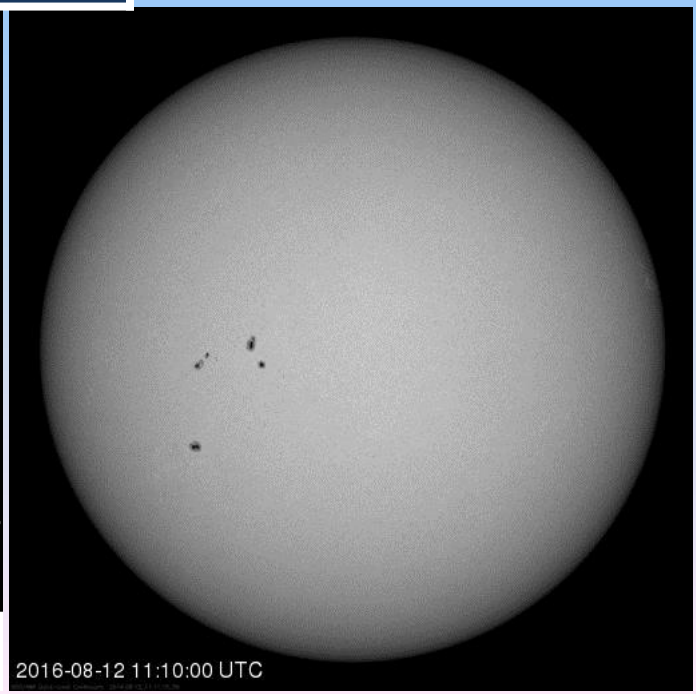
Space Weather 3-Day Forecast

	Friday	Saturday	Sunday
Geomagnetic Storms	**Quiet (Max Kp = 4)**	**Quiet (Max Kp = 2)**	**Quiet (Max Kp = 2)**
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





Information provided by:

National Weather Service
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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	**Very Common** Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	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	• 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 seabreeze storms in coastal TX
Yellow	**Somewhat Common – Happens Frequently** Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	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	• 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	**Uncommon – A Few Times a Year** Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	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	• 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	**Rare – Once every 1-5 Years** Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	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	• 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	**Very Rare – Once Every 5-10 Years** 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	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	• 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