



# 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, July 03, 2016

Issued: 0800 CT

**Day 1 Weather Hazards: Severe storms and locally heavy rain in OK into NW AR.**

**Day 1 Weather Hazards: Above normal temperatures/heat index values across portions of TX and LA.**

**National Weather Service**

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



**Prepared by: Brian Hoeth  
817-978-1100 x 147**

# Key Points



## Sunday

- Severe storms with damaging winds and locally heavy rain possible in OK into NW AR. A tornado or two is also possible in NW AR.
- Heat index values of 104 – 110 degrees across portions of TX and LA

## Monday (Independence Day)

- A few severe storms with damaging winds/hail possible in the TX/OK panhandles, southern/central OK, and into north TX
- Heat index values of 104 – 110 degrees across portions of TX and LA

## Tuesday - Thursday

- Heat index values of 104 – 110 degrees across portions of TX, OK, and LA expanding into AR by Thursday

## River Flooding

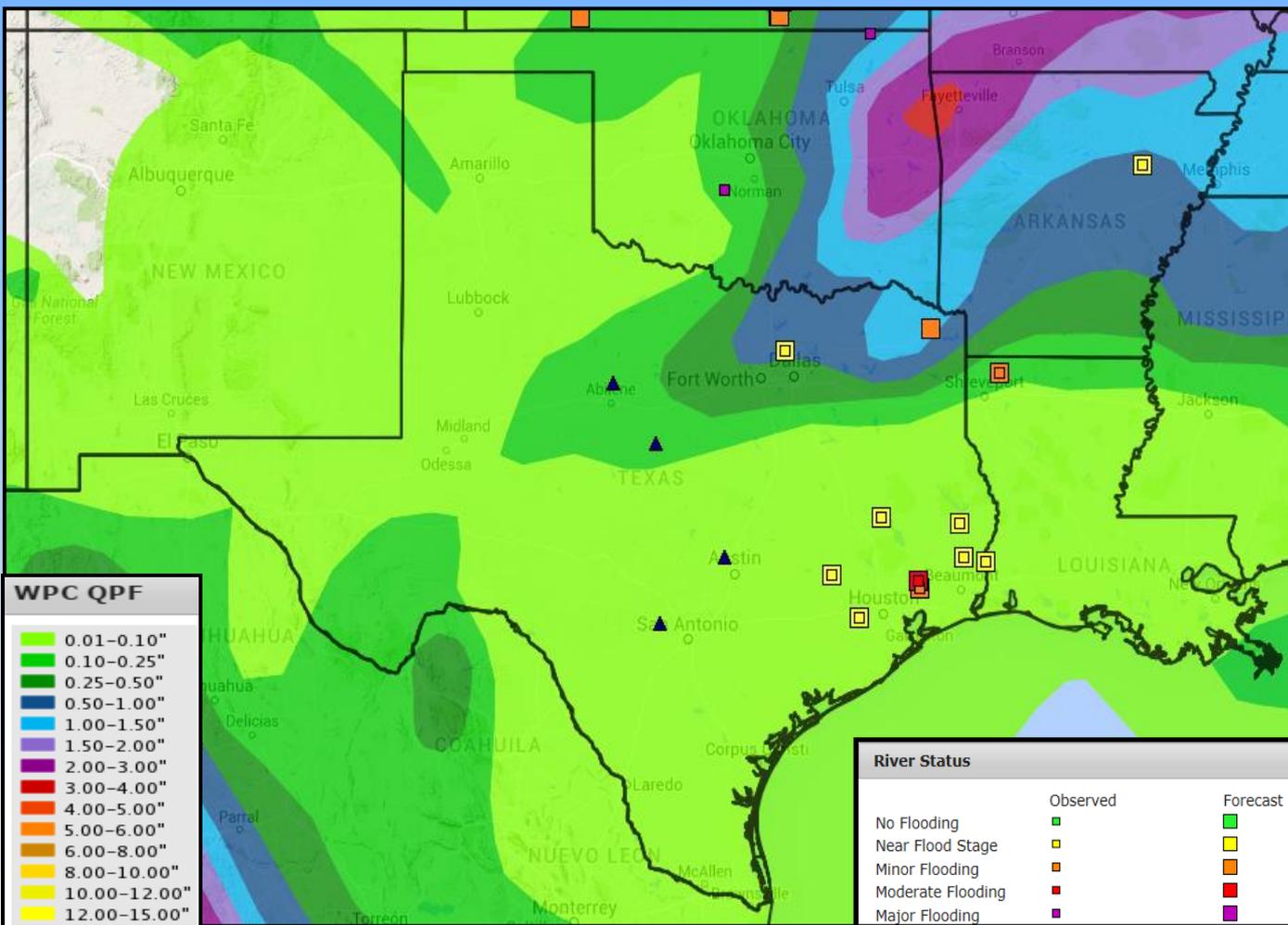
- Slow improvement will continue across the Region. Only one point (Liberty) is expected to remain at moderate flood stage on the Lower Trinity River in SE TX
- Liberty is forecast to drop to minor flood stage later today!

## Tropical Outlook

- No new tropical development expected for the next five days

# River Flood Status/5 Day Forecast Rainfall

- Continued slow improvement on rivers is expected throughout the Region
- Moderate river flooding will persist on the Lower Trinity in SE TX due to continued releases upstream
- Liberty on the Lower Trinity is forecast to drop into minor flood stage later today!



**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

Jul 3, 2016 - Jul 7, 2016

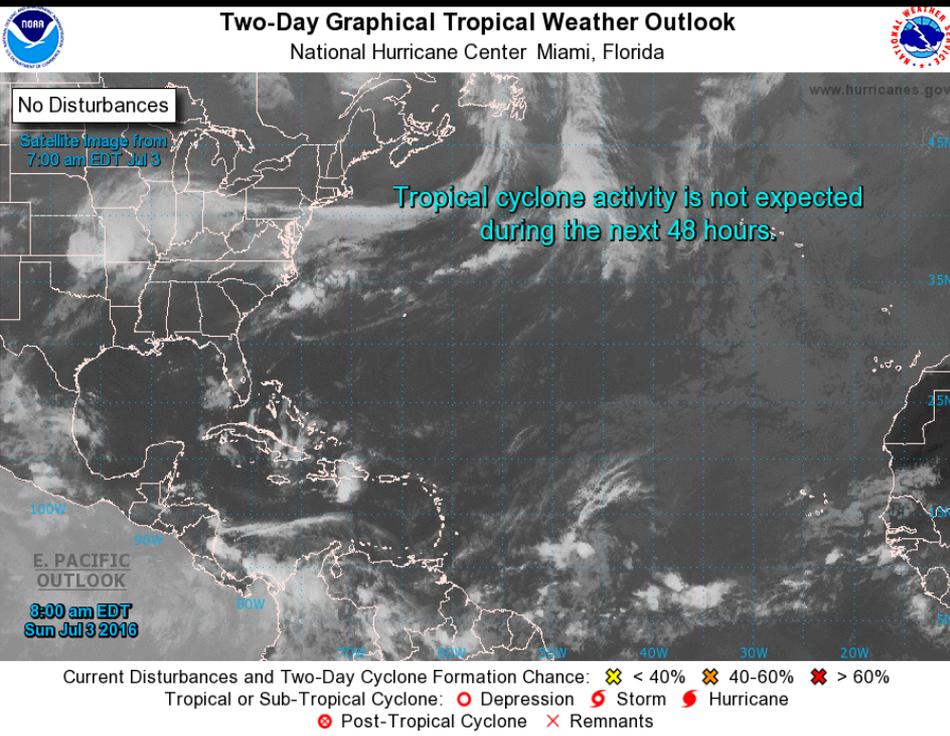
DAY/ THREAT	SUN	MON	TUE	WED	THU
Severe Weather	OK into NW AR	TX panhandle, NW TX, SW OK			
		TX/OK panhandles, S&Cntrl OK, N TX			
Heavy Rain/Flash Flooding	OK into NW AR				
Fire Weather					
Heat	TX, LA	TX, LA	TX, OK, LA	TX, OK, LA	TX, OK, LA, AR
River Flooding	SE TX				

	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.*



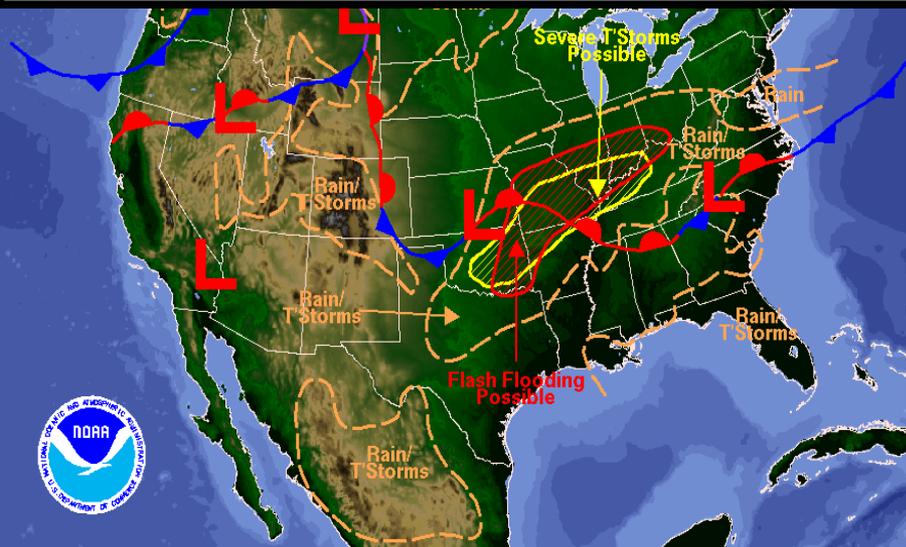
# Tropical Weather Outlook



**No new tropical systems expected to develop over the next five days**



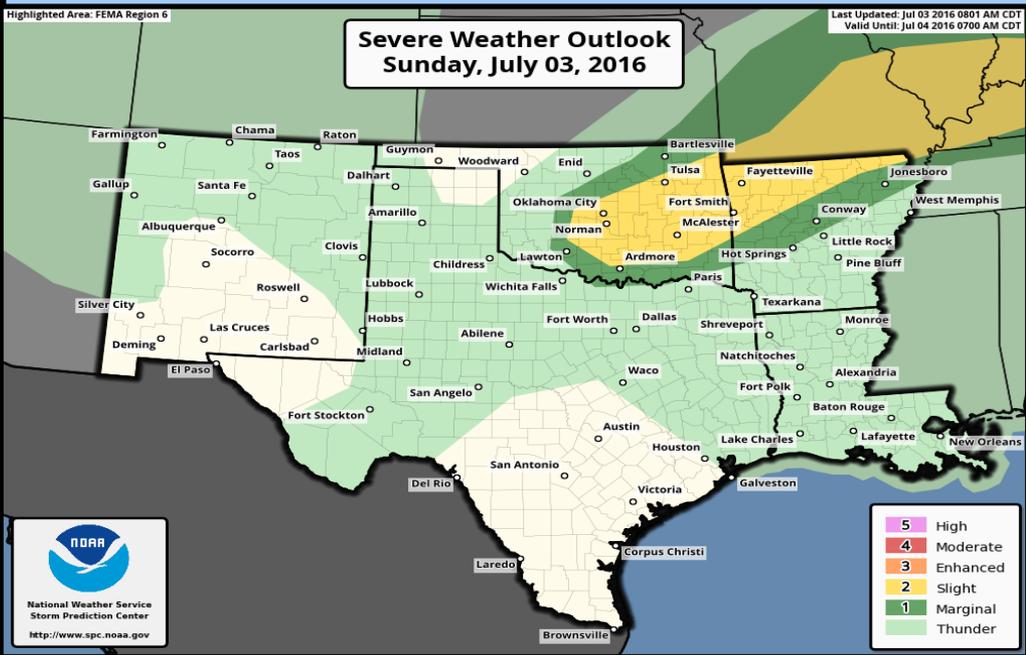
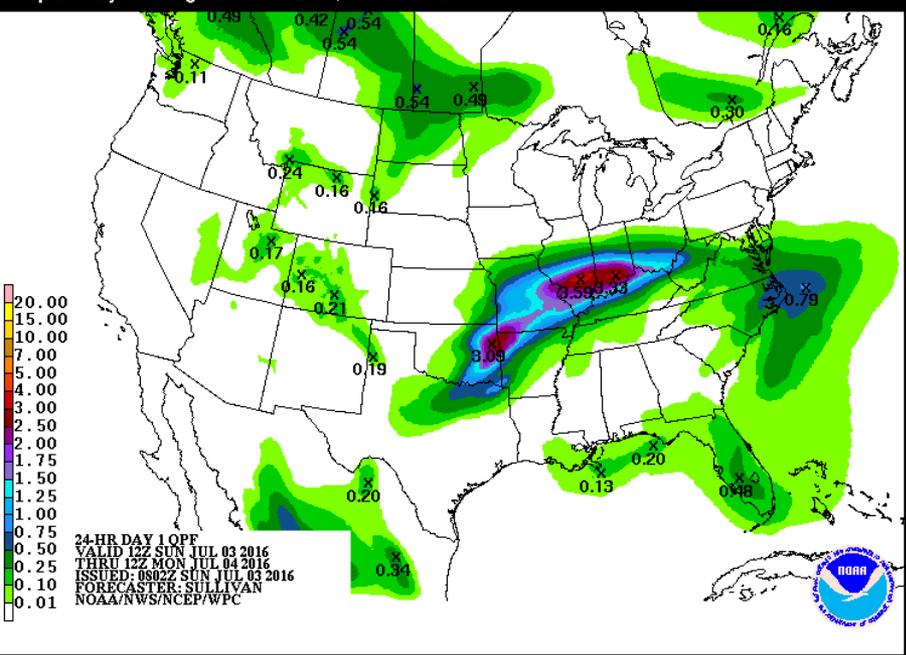
# Today's Weather



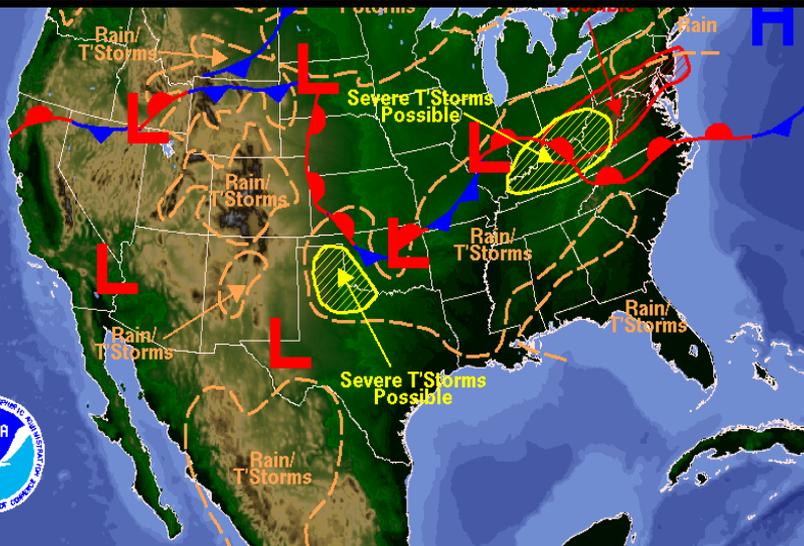
**Severe storms w/ damaging winds & locally heavy rain possible in OK into NW AR. A tornado or two is also possible in NW AR.**

**Heat index values between 104 – 110 degrees across portions of TX and LA.**

Weather Forecast for Sun, Jul 03, 2016, issued 4:45 AM EDT  
 DOC/NOAA/NWS/NCEP/Weather Prediction Center  
 Prepared by Fanning based on WPC, SPC and NHC forecasts



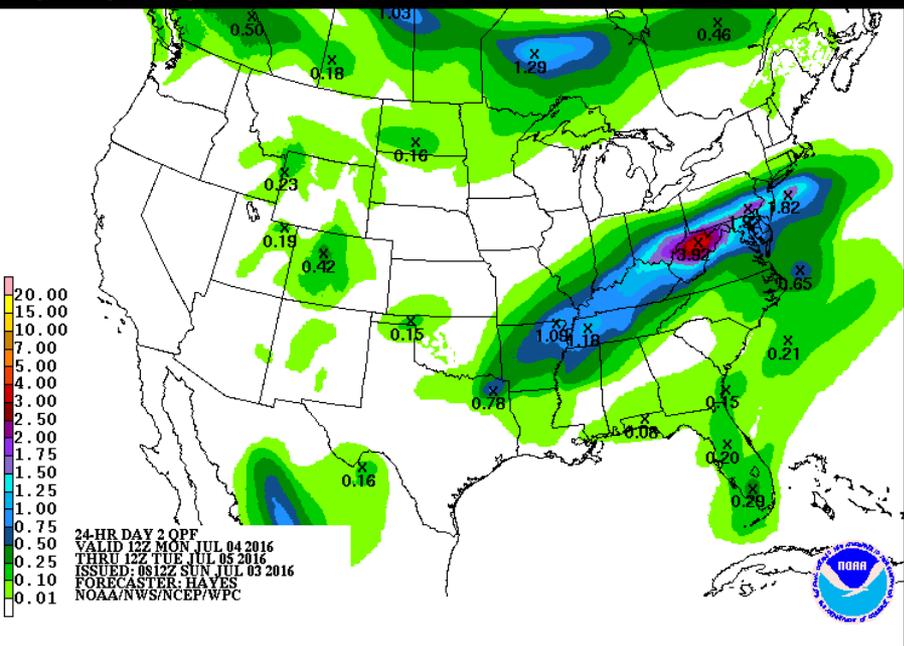
# Tomorrow's Weather



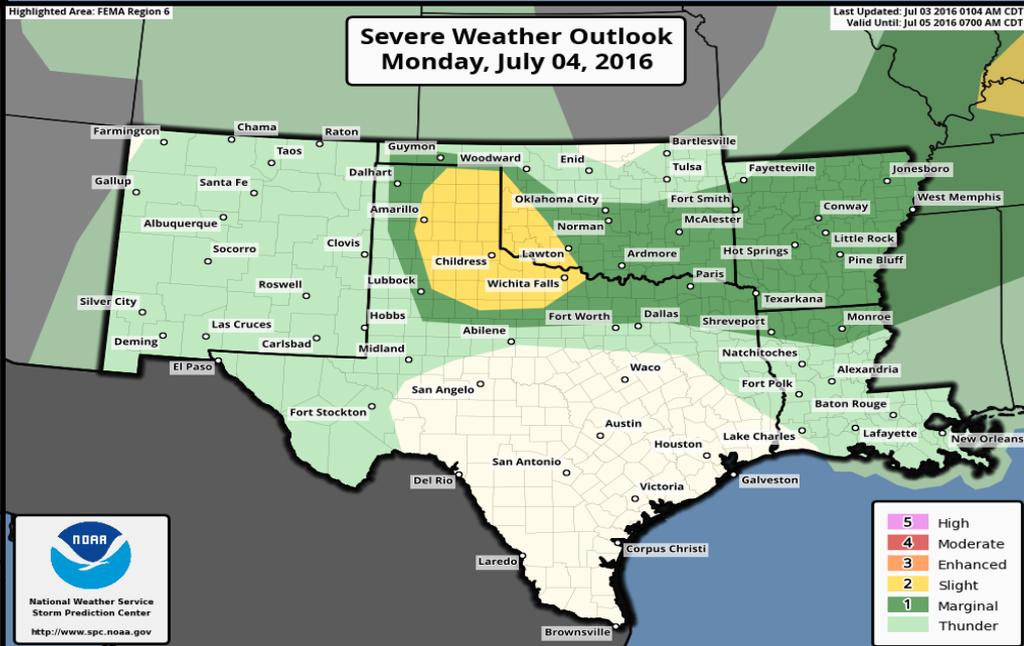
Weather Forecast for Mon, Jul 04, 2016, issued 4:48 AM EDT Sun, Jul 03, 2016  
 DOC/NOAA/NWS/NCEP/Weather Prediction Center  
 Prepared by Fanning based on WPC, SPC and NHC forecasts

Severe storms w/ damaging winds/hail possible for the TX/OK panhandles, southern/central OK, and into north TX.

Heat index values between 104 – 110 degrees across portions of TX and LA.



24-HR DAY 2 OPF  
 VALID 12Z MON JUL 04 2016  
 THRU 12Z TUE JUL 05 2016  
 ISSUED: 0812Z SUN JUL 03 2016  
 FORECASTER: HAYES  
 NOAA/NWS/NCEP/WPC

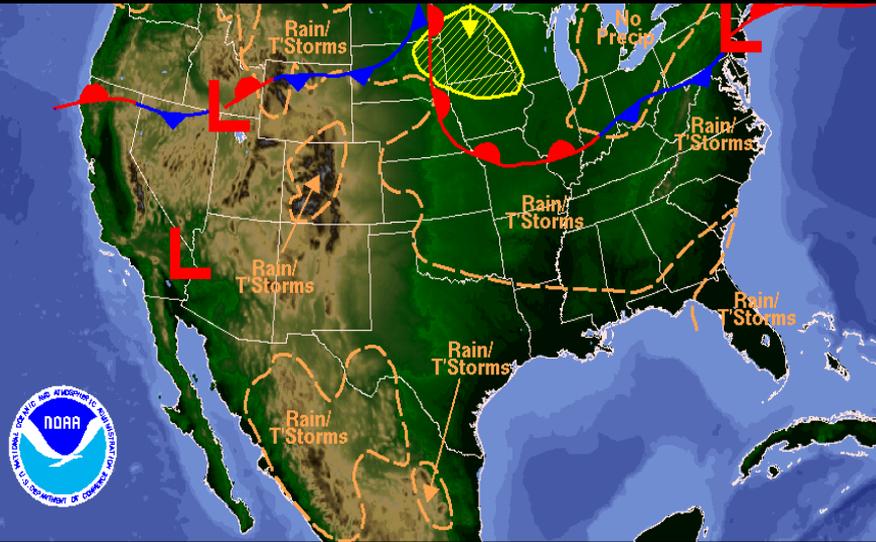


Severe Weather Outlook  
 Monday, July 04, 2016

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

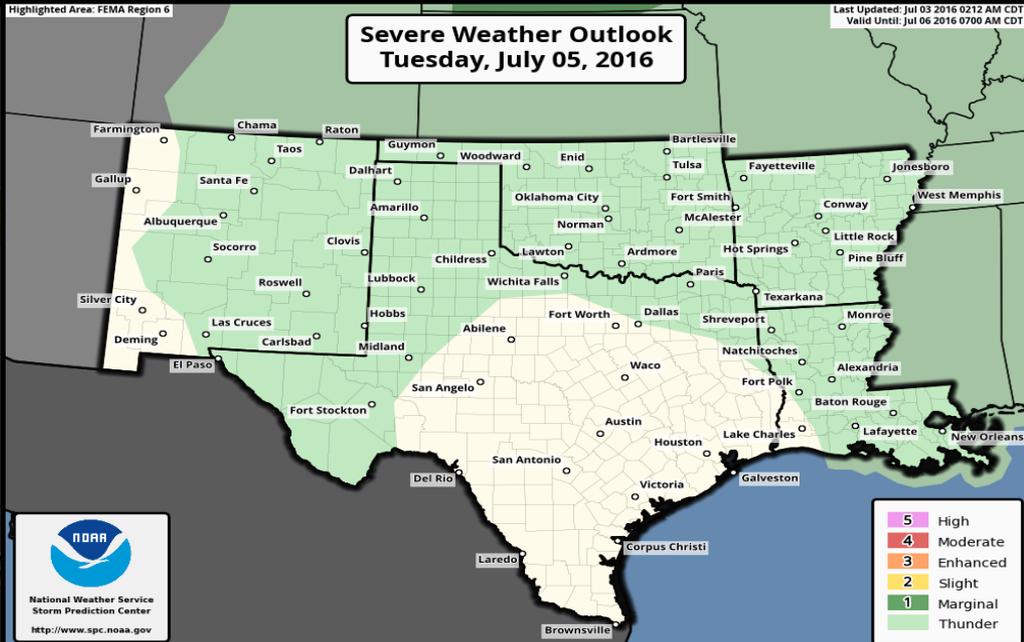
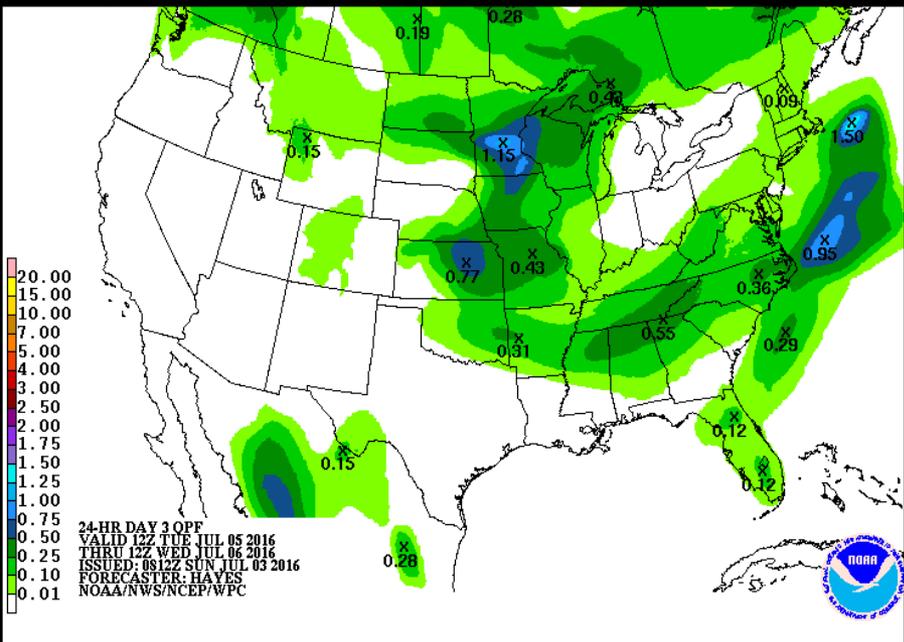


# Tuesday's Weather



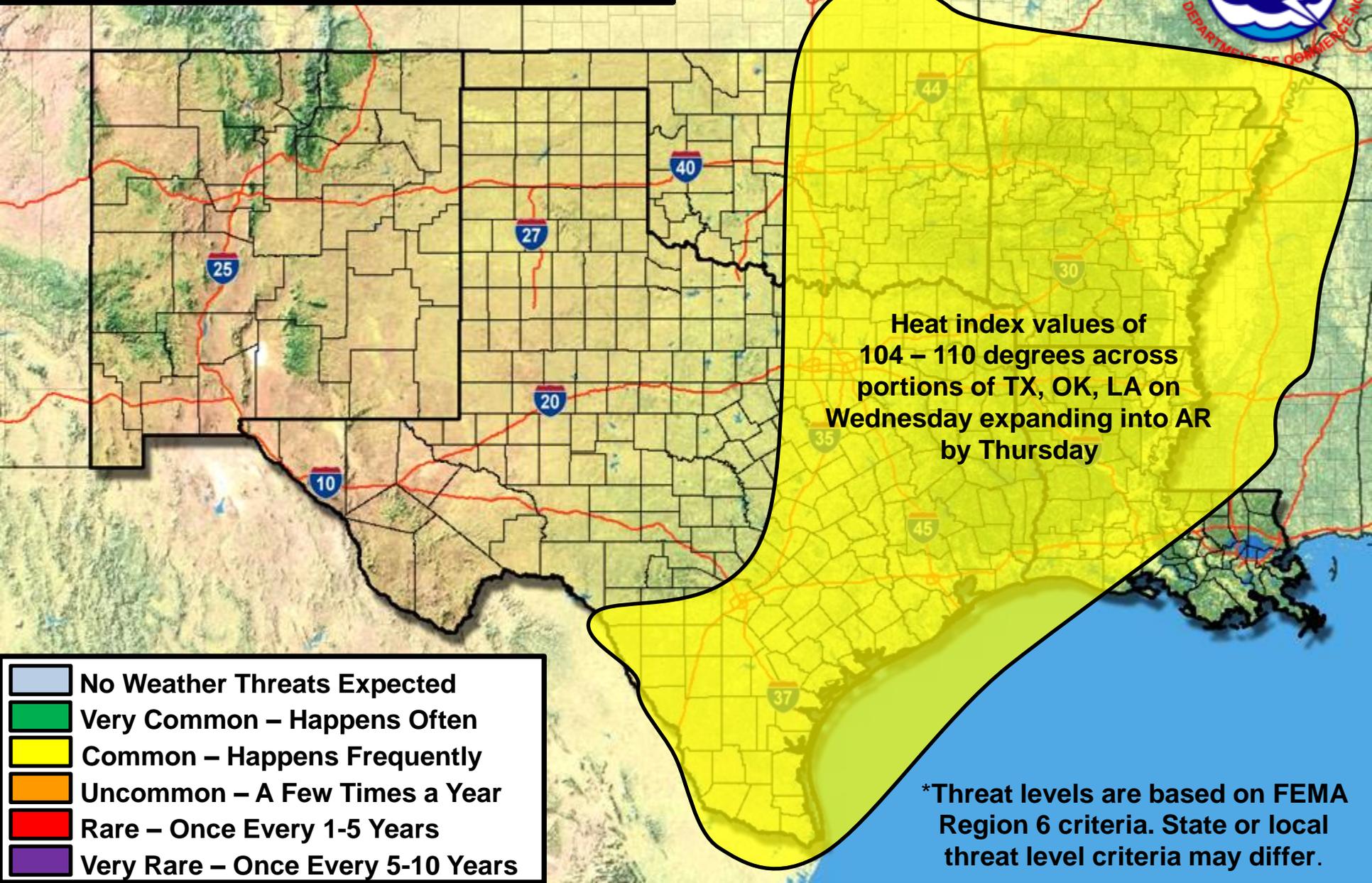
**Heat index values between 104 – 110 degrees across portions of TX, OK, and LA.**

Weather Forecast for Tue, Jul 05, 2016, issued 4:51 AM EDT Sun, Jul 03, 2016  
 DOC/NOAA/NWS/NCEP/Weather Prediction Center  
 Prepared by Fanning based on WPC, SPC and NHC forecasts



# Day 4-5 Weather Hazards

Valid: 0800 Wed - 0800 Fri



Heat index values of 104 – 110 degrees across portions of TX, OK, LA on Wednesday expanding into AR by Thursday

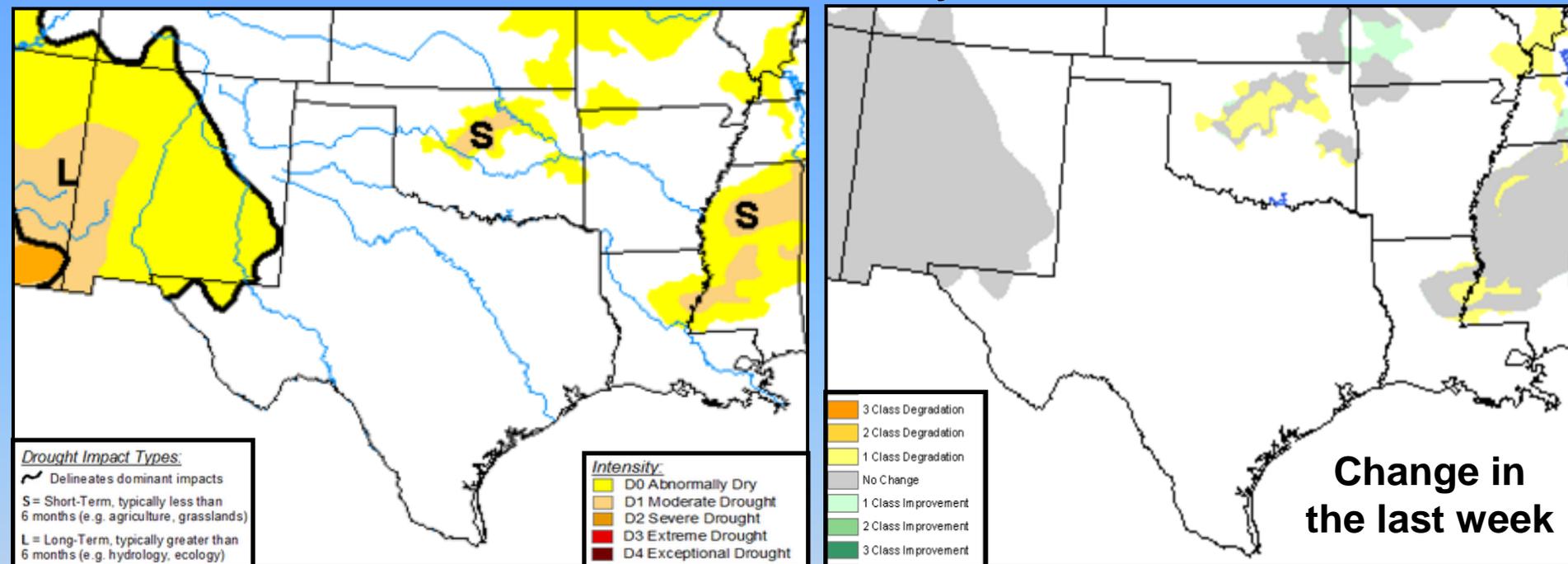
- No Weather Threats Expected
- Very Common – Happens Often
- Common – Happens Frequently
- Uncommon – A Few Times a Year
- Rare – Once Every 1-5 Years
- Very Rare – Once Every 5-10 Years

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



# Drought Monitor Released June 30, 2016

Data valid as of 7am CDT, Tuesday June 28, 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%

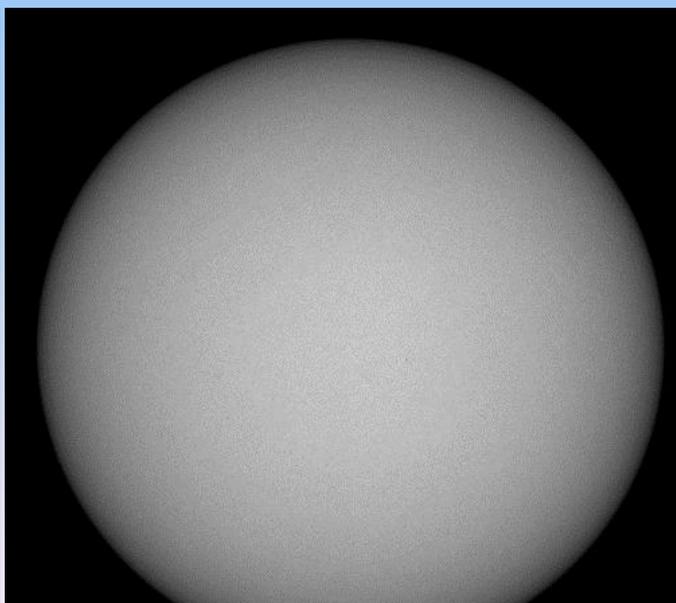
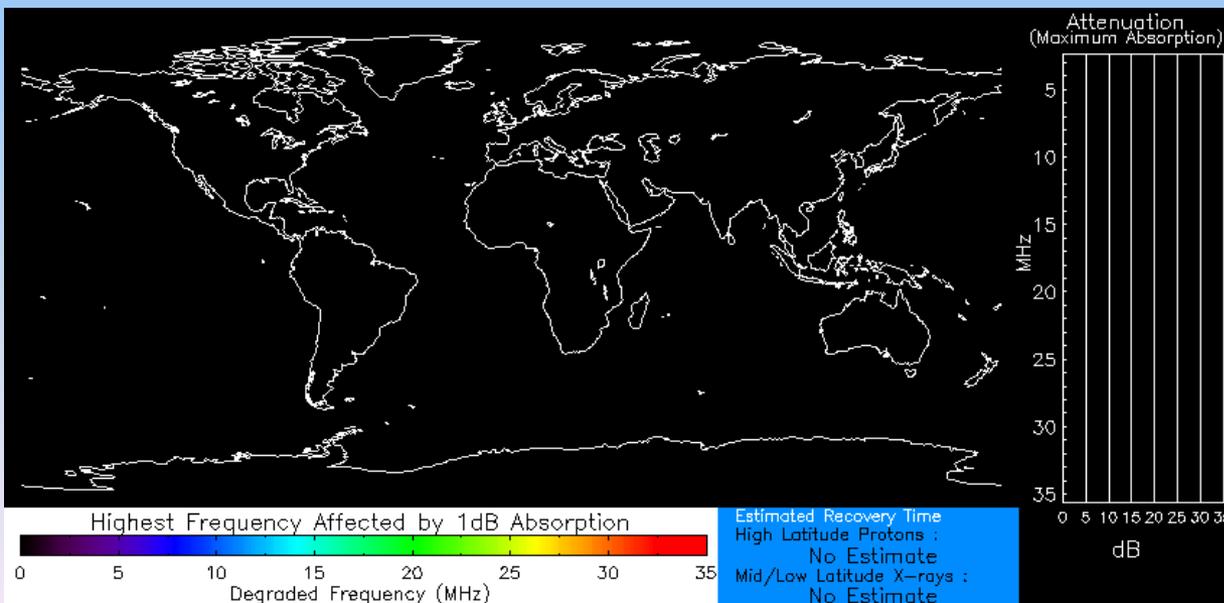
# Space Weather 3-Day Forecast



	Sunday	Monday	Tuesday
Geomagnetic Storms	Minor (G1) Storm (Max Kp = 5)	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](#)



Normal X-ray Background  
Product Valid At : 2016-07-03 13:13 UTC

Normal Proton Background  
NOAA/SWPC Boulder, CO USA

2016-07-03 12:40:00 UTC

Information provided by:



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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>