



# 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 05, 2016

Issued: 0800 CT

***Day 1 Weather Hazards: Excessive heat warnings in N LA and most of AR.***

***Areas of heavy rain/flash flooding possible over NM. Heat advisories E TX/OK and W AR.***

**National Weather Service**

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



**Prepared by: Greg Heavener  
817-978-1100 x 147**



# Key Points

## Today

- Areas of heavy rain/flash flooding possible over NM.
- Excessive heat warnings in effect for N LA and most of AR.
- Heat Advisories are in effect for portions of E TX/OK and W AR.
- Scattered afternoon and evening storms will be possible with a few strong to severe storms w/ damaging winds possible over NE AR.

## Saturday

- Heat index values of 105+ degrees over ern parts of FEMA Region 6.
- Widespread severe weather and/or flooding is not expected, but periods of heavy rain/flash flooding will remain a possibility over NM.

## Sunday through Tuesday

- Heat index values of 105+ degrees through Monday over ern parts of FEMA Region 6.
- Isolated/scattered afternoon showers and thunderstorms possible each afternoon across much of the region.

## Tropical Outlook

- A weak area of low pressure currently has a low chance of development into a tropical cyclone off the north coast of FL over the next few days.

# August 5, 2016 New Orleans Tornado



**Time: 330PM CDT**

**Location: 7<sup>th</sup> Ward, New Orleans**

**Estimated Winds: 80 MPH**

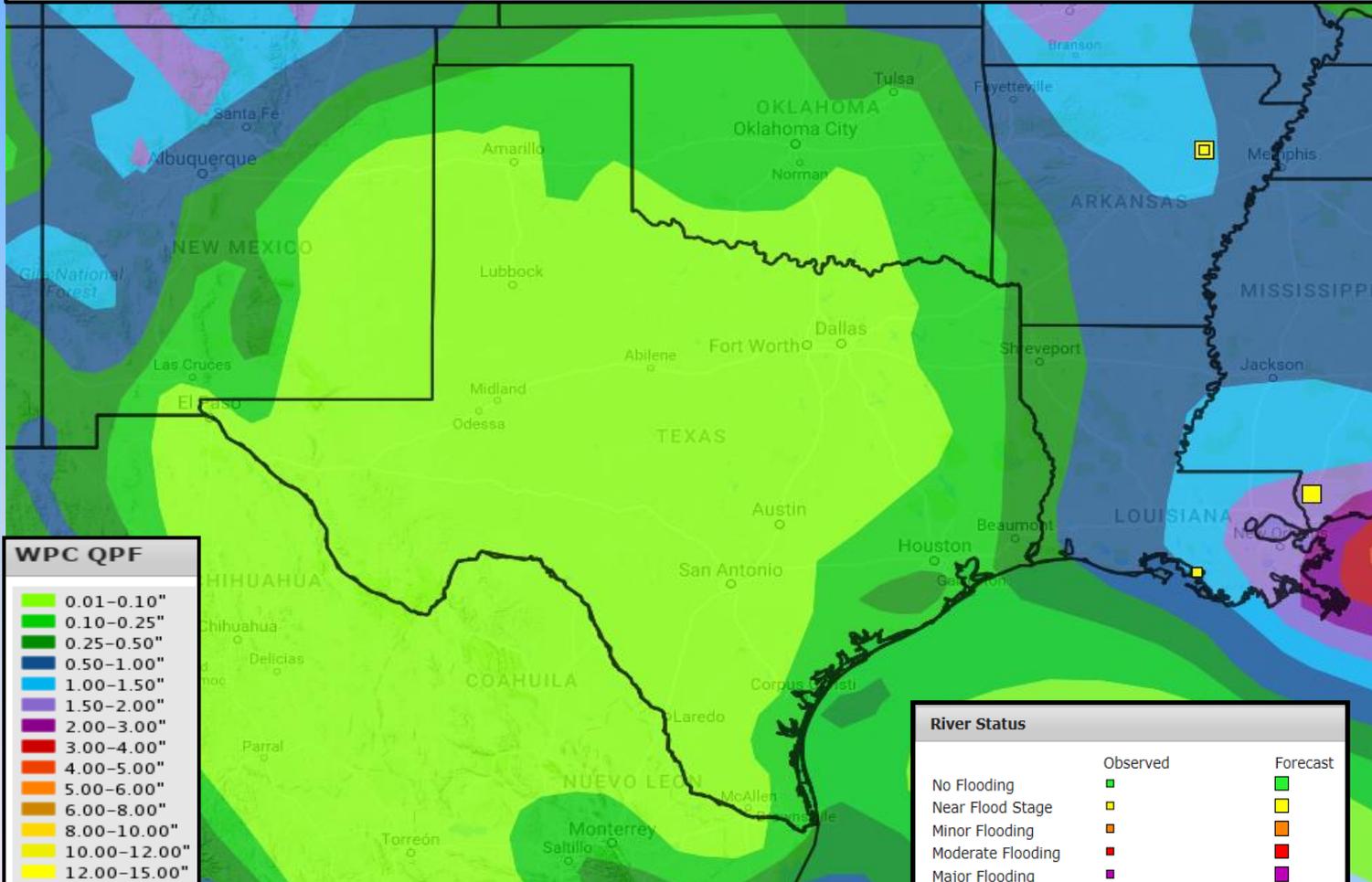
**Path Length: About one-half mile**

**Injuries: 2 Reported**

# River Flood Status/5 Day Forecast Rainfall

No significant river flooding is occurring or expected.

Daily rainfall over NM 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 5, 2016 - Aug 9, 2016

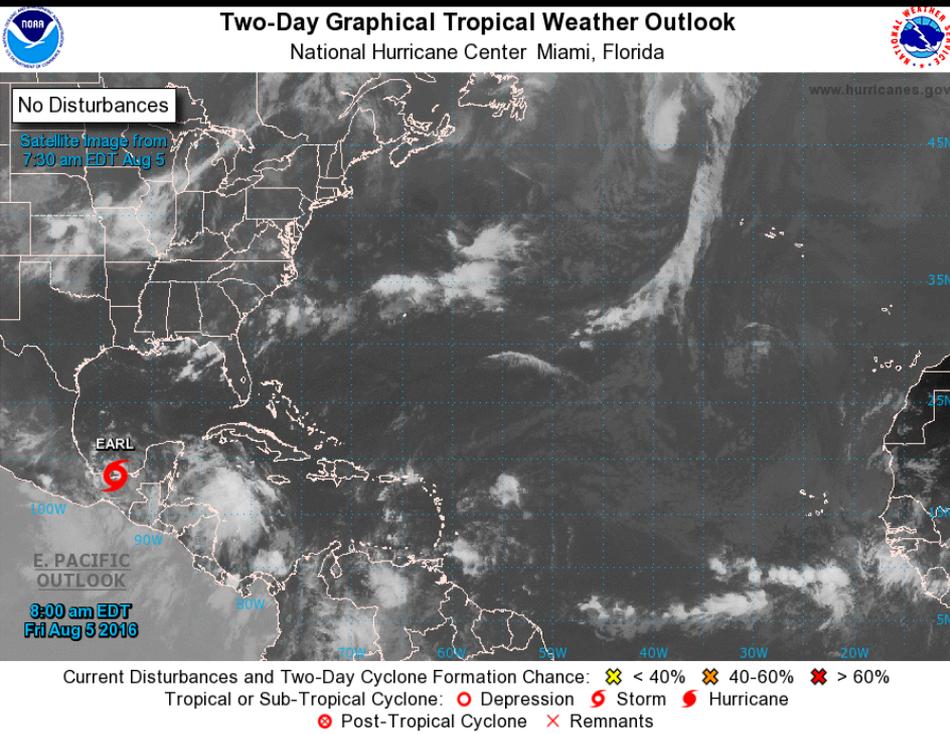
DAY/ THREAT	FRI	SAT	SUN	MON	TUE
Severe Weather	NE AR				
Heavy Rain/ Flash Flooding	NM	→			
Fire Weather					
Heat	E TX/OK, AR/LA	→			
	N LA/C AR				
River Flooding					

	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.*



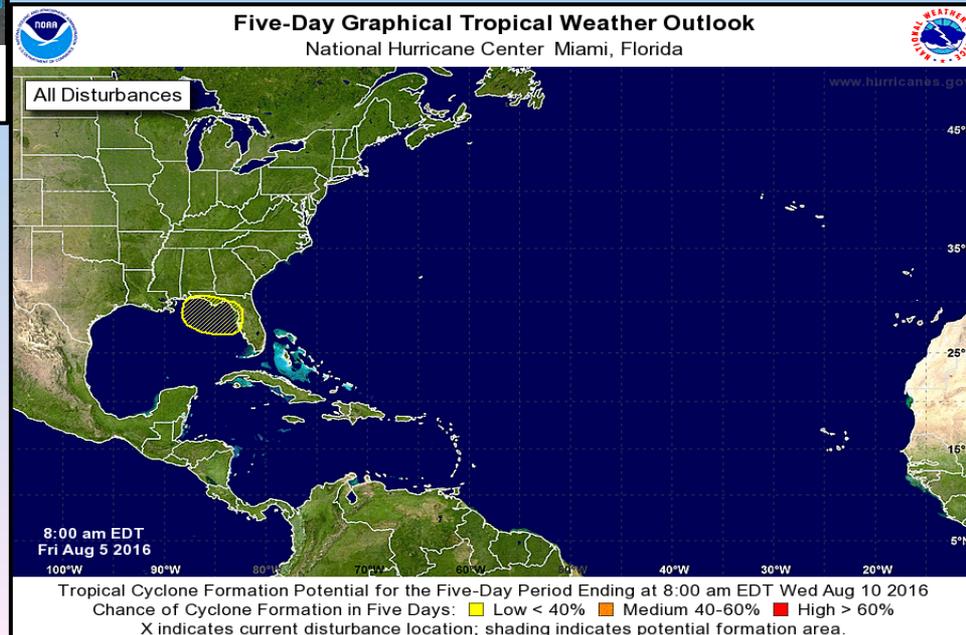
# Tropical Weather Outlook



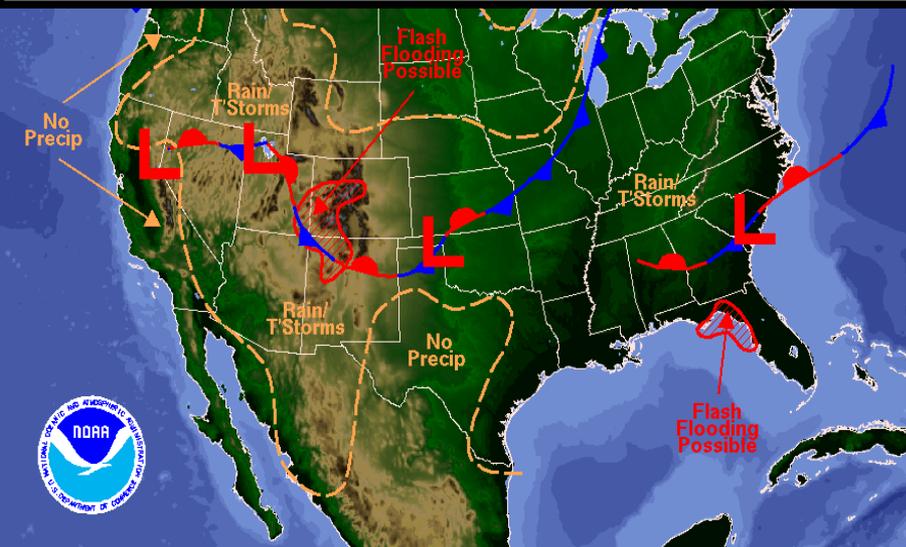
**Weak wave of low pressure has a low chance of developing into a tropical cyclone off the north Florida coast over the next few days.**

**Formation chance through 48 hours...low...near 0 percent.**

**Formation chance through 5 days...low...20 percent.**



# Today's Weather

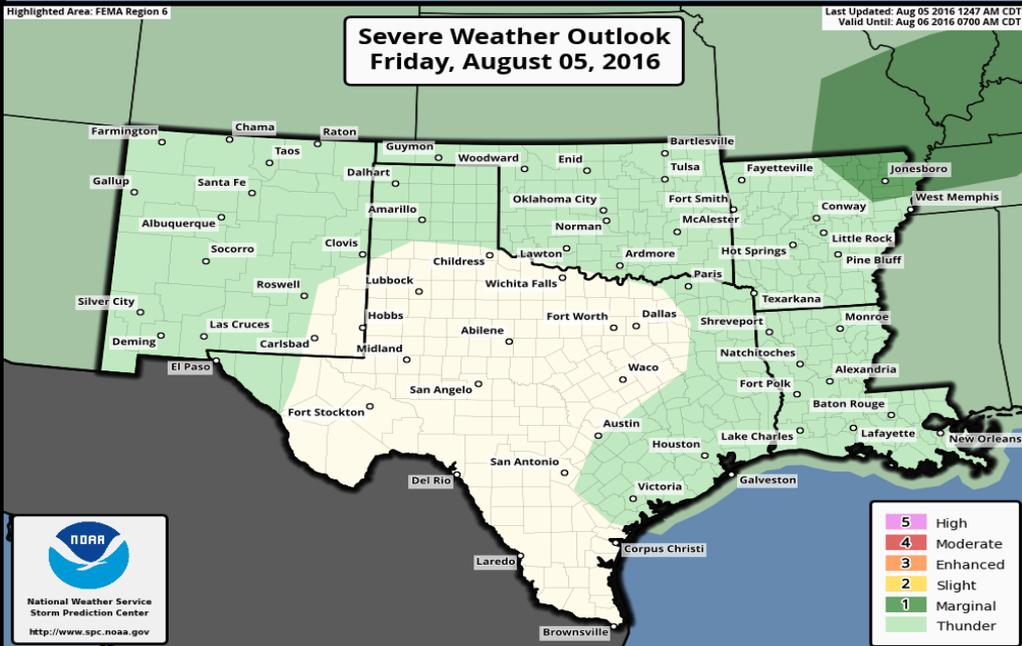
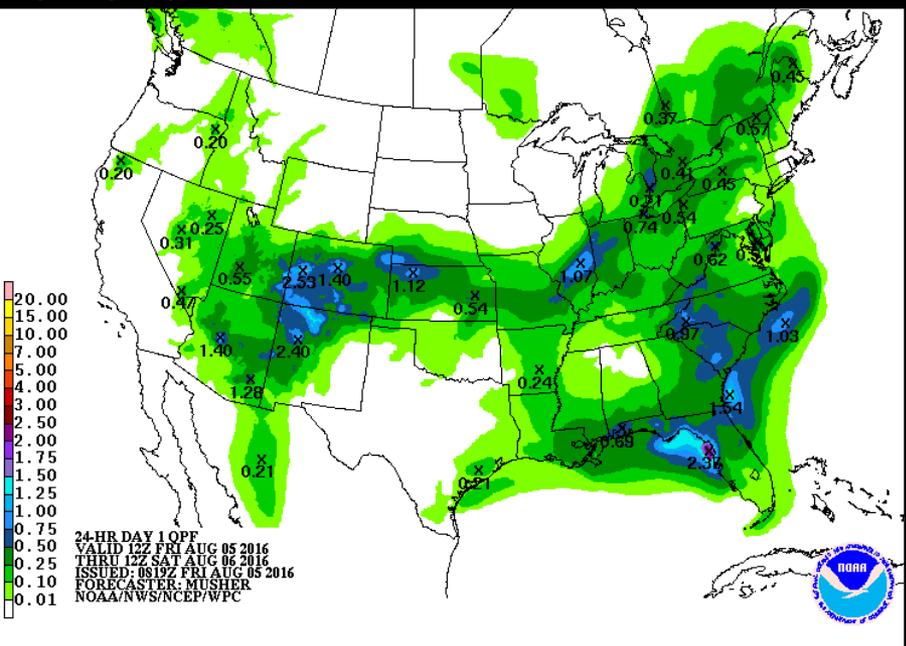


Weather Forecast for Fri, Aug 05, 2016, issued 4:37 AM EDT  
 DOC/NOAA/NWS/NCEP/Weather Prediction Center  
 Prepared by McCreynolds based on WPC, SPC and NHC forecasts

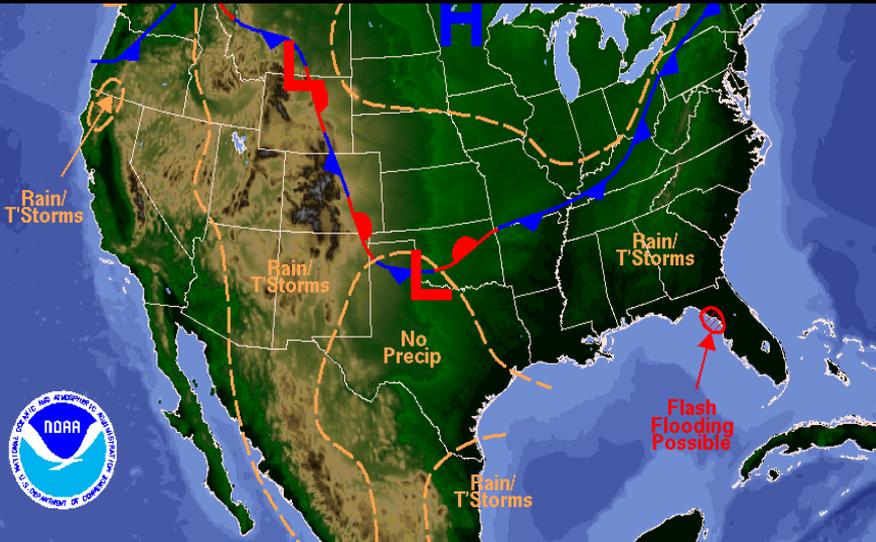
Excessive heat warnings N LA and most of AR.

Areas of flash flooding possible over NM. Heat advisories E TX/OK, AR/LA.

A few strong storms with gusty winds possible in NE AR.

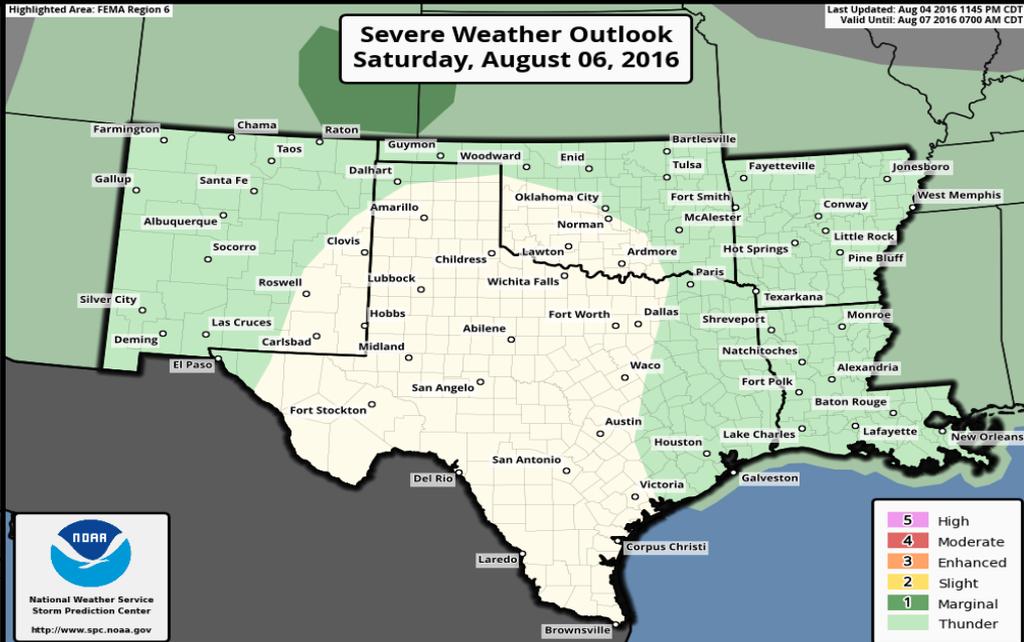
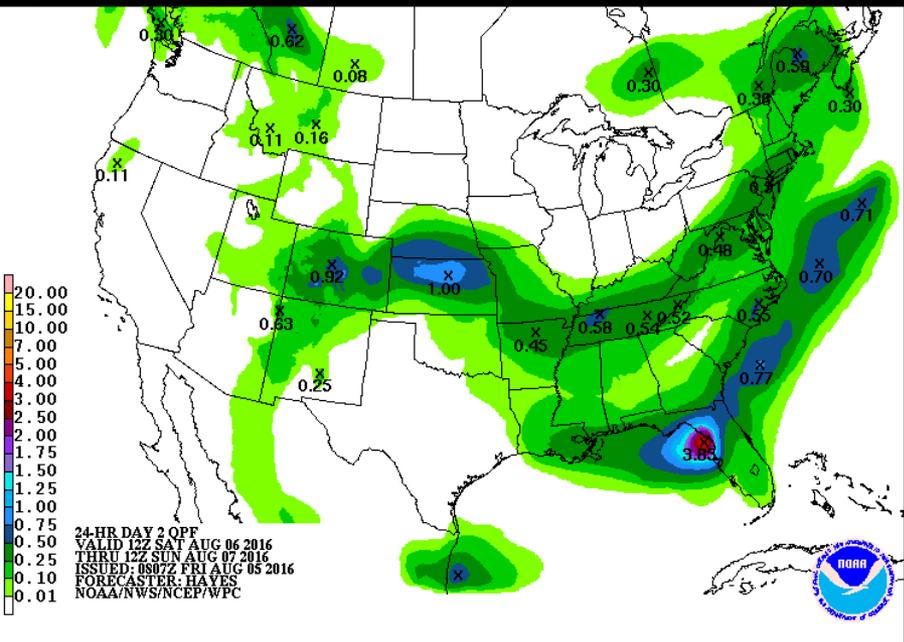


# Tomorrow's Weather

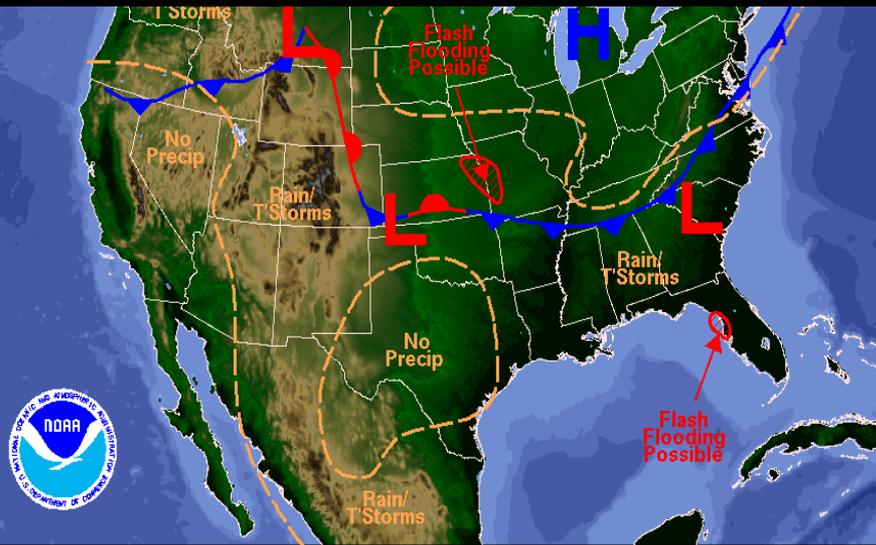


**Areas of flash flooding possible over NM.  
Afternoon heat index values of 105+ degrees  
E TX/OK, LA/AR.**

Weather Forecast for Sat, Aug 06, 2016, issued 4:40 AM EDT Fri, Aug 05, 2016  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by McReynolds based on WPC, SPC and NHC forecasts

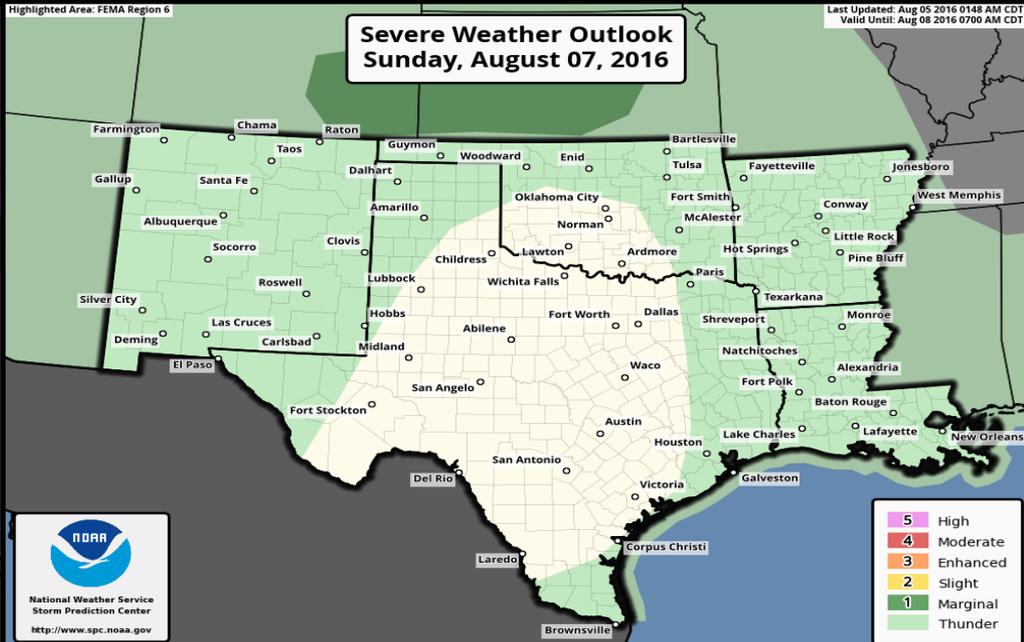
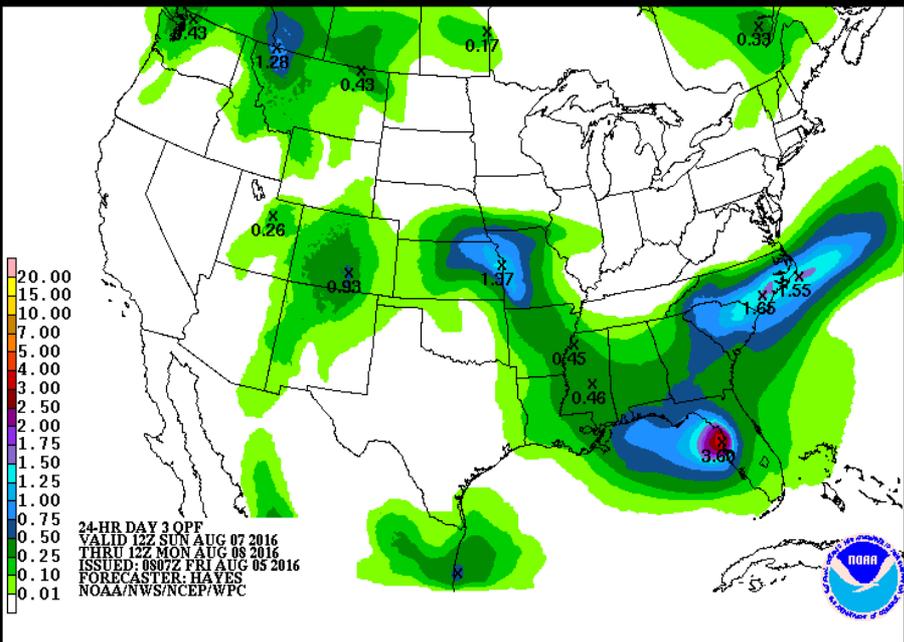


# Sunday's Weather



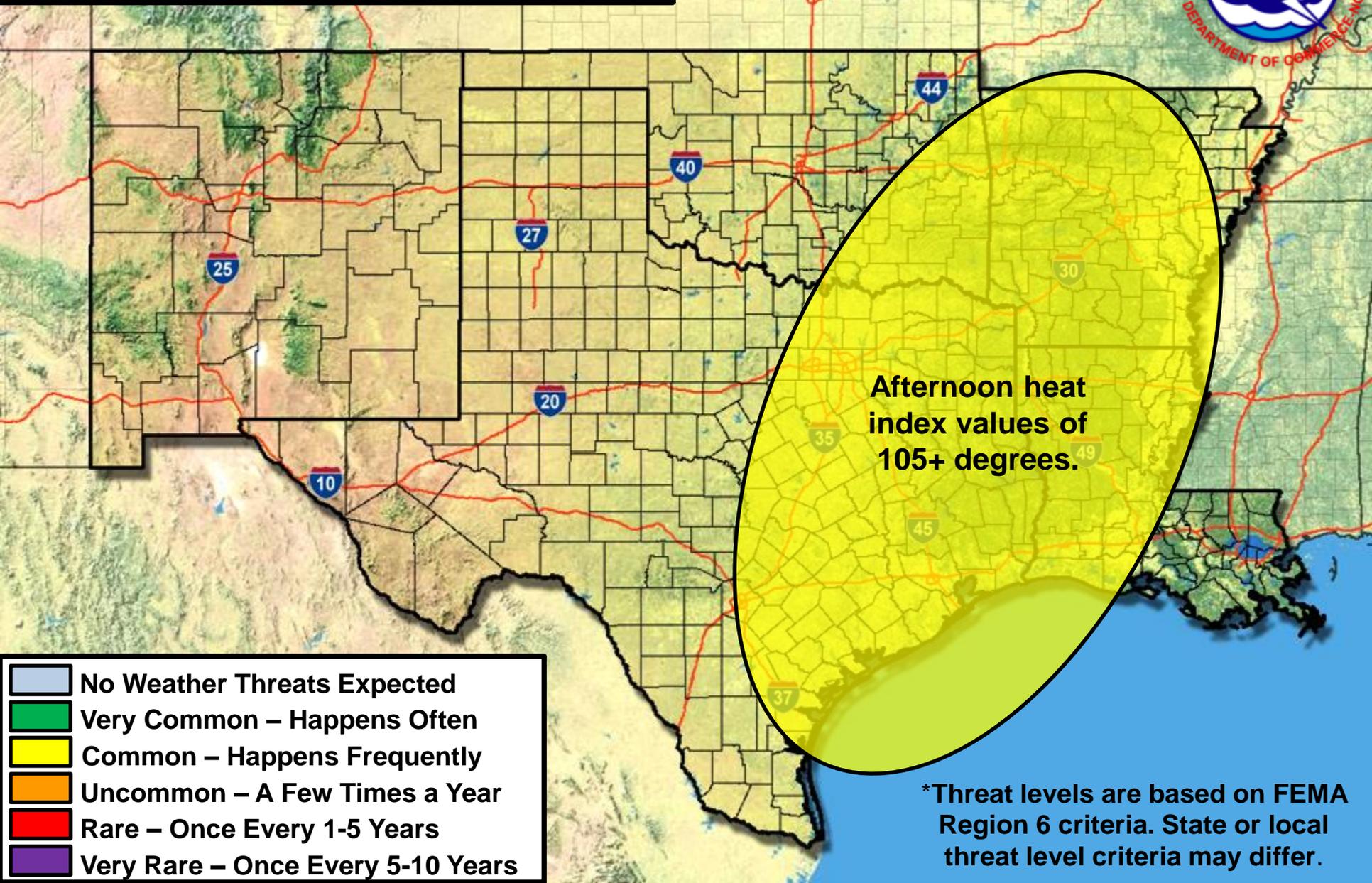
Afternoon heat index values of 105+ degrees  
E TX/OK, LA/AR.

Weather Forecast for Sun, Aug 07, 2016, issued 4:43 AM EDT Fri, Aug 05, 2016  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by McReynolds based on WPC, SPC and NHC forecasts



# Day 4-5 Weather Hazards

Valid: 0800 Mon - 0800 Wed



Afternoon heat index values of 105+ degrees.

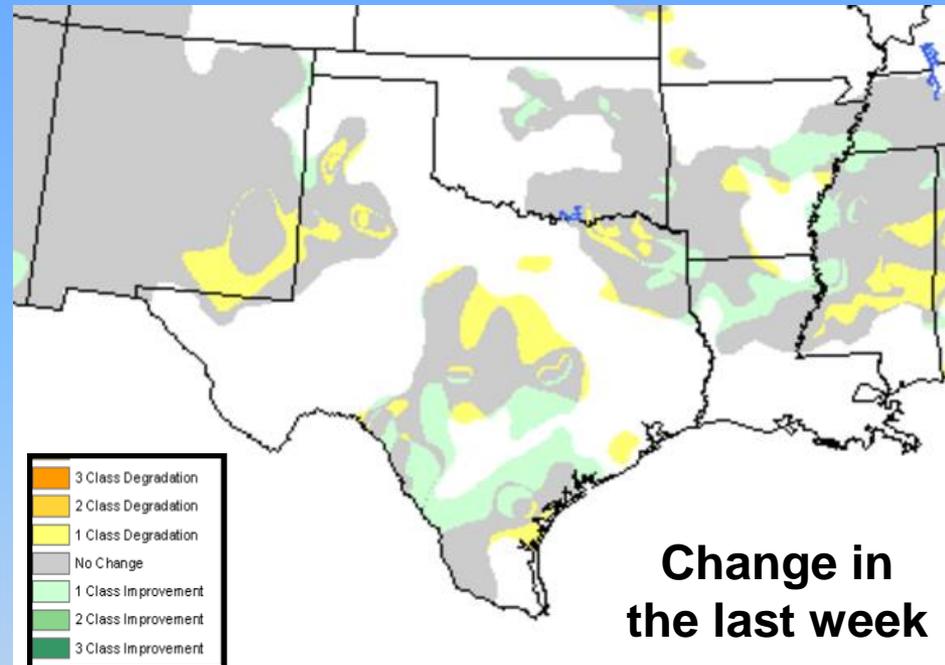
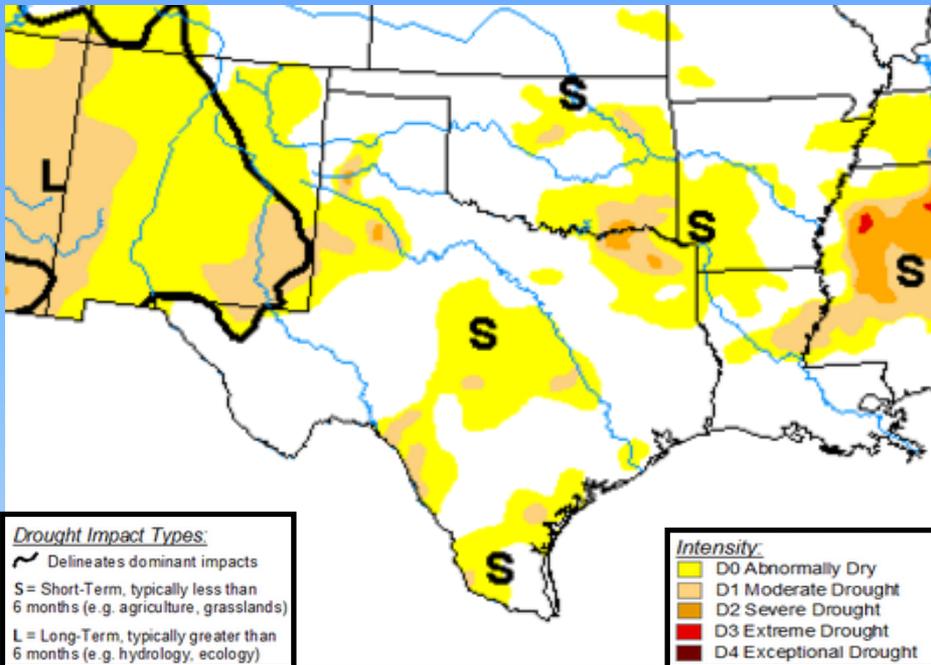
-  No Weather Threats Expected
-  Very Common – Happens Often
-  Common – Happens Frequently
-  Uncommon – A Few Times a Year
-  Rare – Once Every 1-5 Years
-  Very Rare – Once Every 5-10 Years

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



# Drought Monitor Released July 28, 2016

Data valid as of 7am CDT, Thursday August 04, 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%

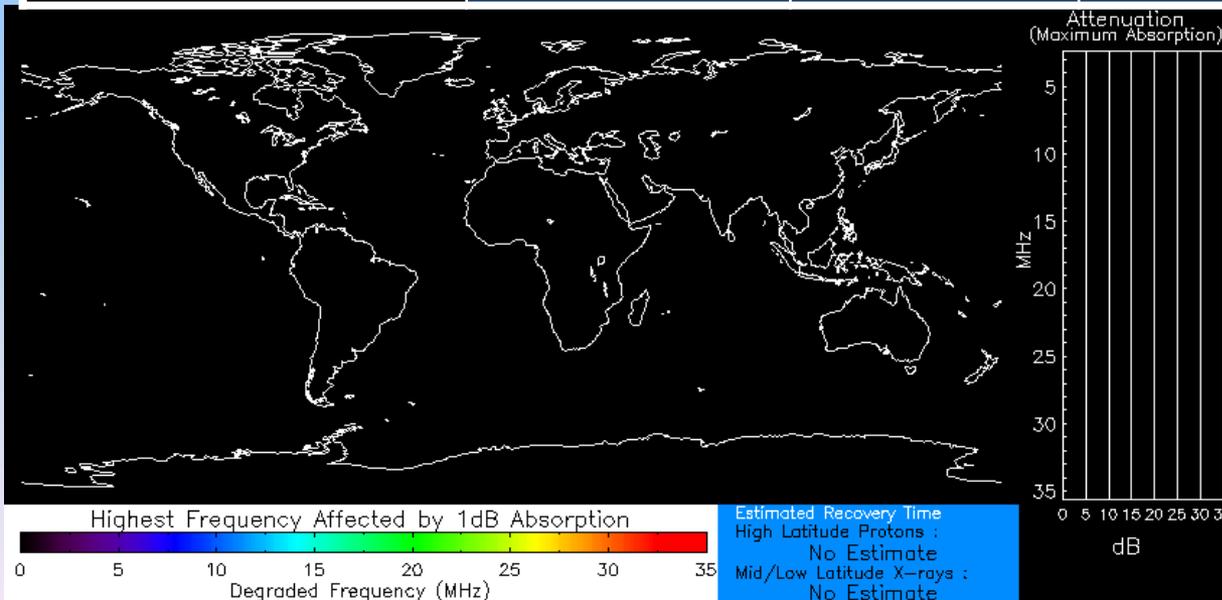
# Space Weather 3-Day Forecast



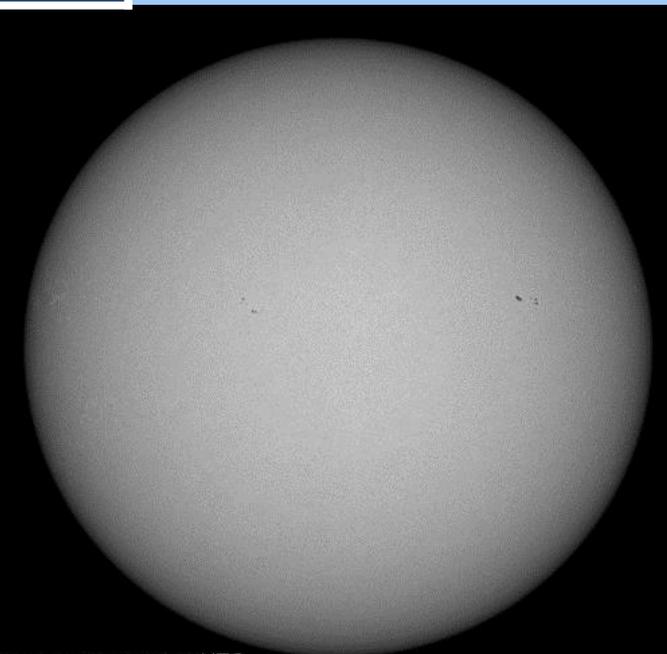
	Friday	Saturday	Sunday
Geomagnetic Storms	Unsettled to Active (Max Kp = 4)	Quiet to Unsettled (Max Kp = 3)	Quiet to Unsettled (Max Kp = 3)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%

[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)



Estimated Recovery Time  
 High Latitude Protons : No Estimate  
 Mid/Low Latitude X-rays : No Estimate



Information provided by:



**National Weather Service**  
Southern Region Headquarters  
Regional Operations Center  
Fort Worth, TX

Phone: (817) 978-1100 x147

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 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>