



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 07, 2016

Issued: 0800 CT

Day 1 Weather Hazards: Heat advisories for TX/SE OK/AR and NW LA.

Day 1 Weather Hazards: Isolated strong tstms over NE NM/N OK.

Day 1 Weather Hazards: Isolated heavy rain over W NM.

National Weather Service

Southern Region Headquarters
Regional Operations Center
Fort Worth, TX



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817-978-1100 x 147



Key Points

Today

- There is a marginal risk of strong/severe thunderstorms across NE NM into much of N OK.
- Isolated heavy rain/flash flooding over parts of W NM.
- Heat Advisories are in effect for parts of TX/SE OK, W AR, and NW LA.

Monday through Thursday

- Afternoon heat index values approaching 105+ degrees continue over eastern parts of FEMA Region 6.
- Isolated/scattered afternoon showers and thunderstorms possible each afternoon across much of the region except TX. Widespread severe weather/flooding is not expected but isolated flash flooding remains possible over NM through Wednesday.

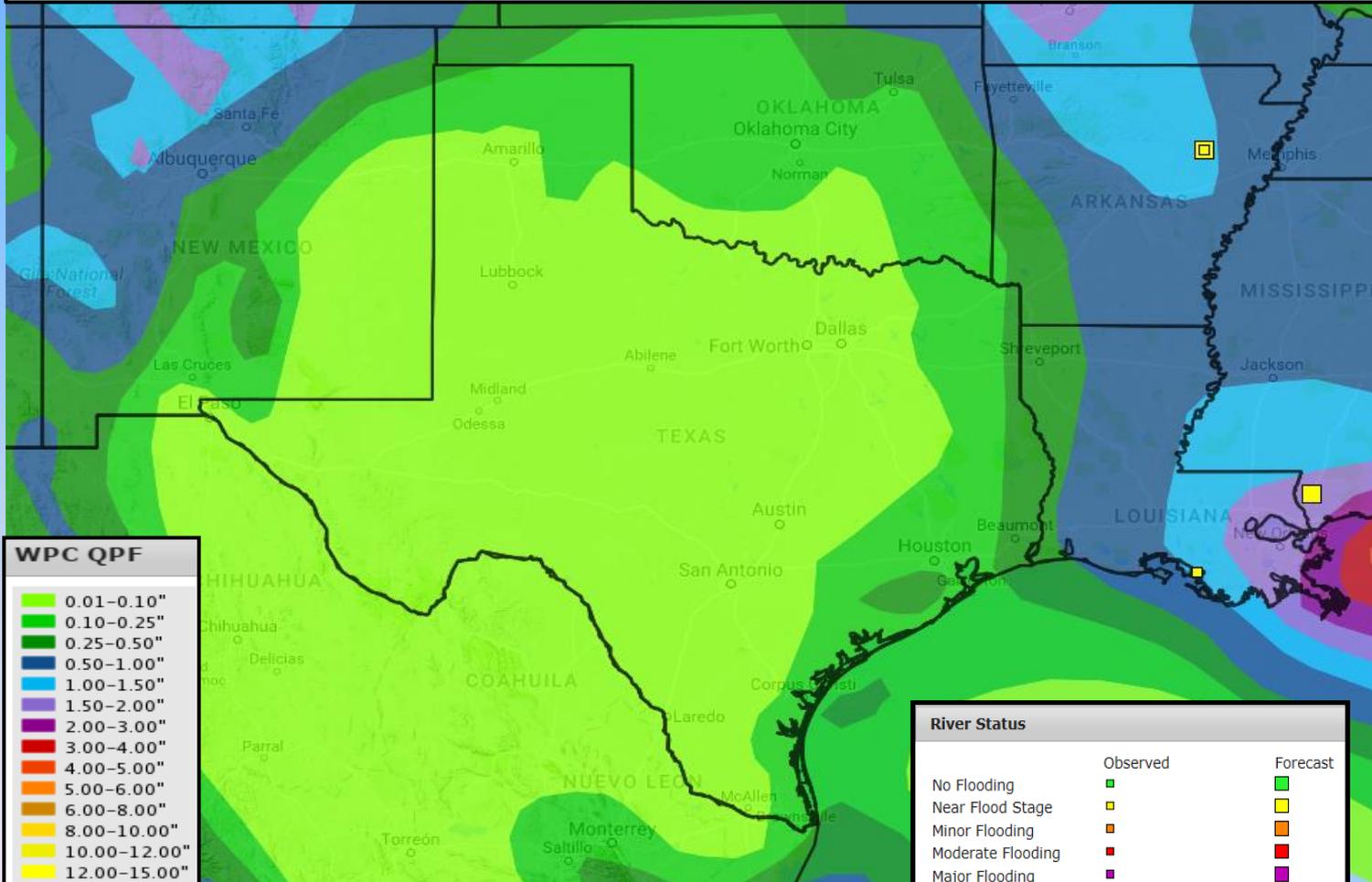
Tropical Outlook

- An area of low pressure over the northeast Gulf of Mexico has a low chance of development into a tropical cyclone as it meanders near the coast of Florida. A second wave near the southeast Bahamas is expected to move toward Bermuda with no current impacts to FEMA Region 6.

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 7, 2016 - Aug 11, 2016

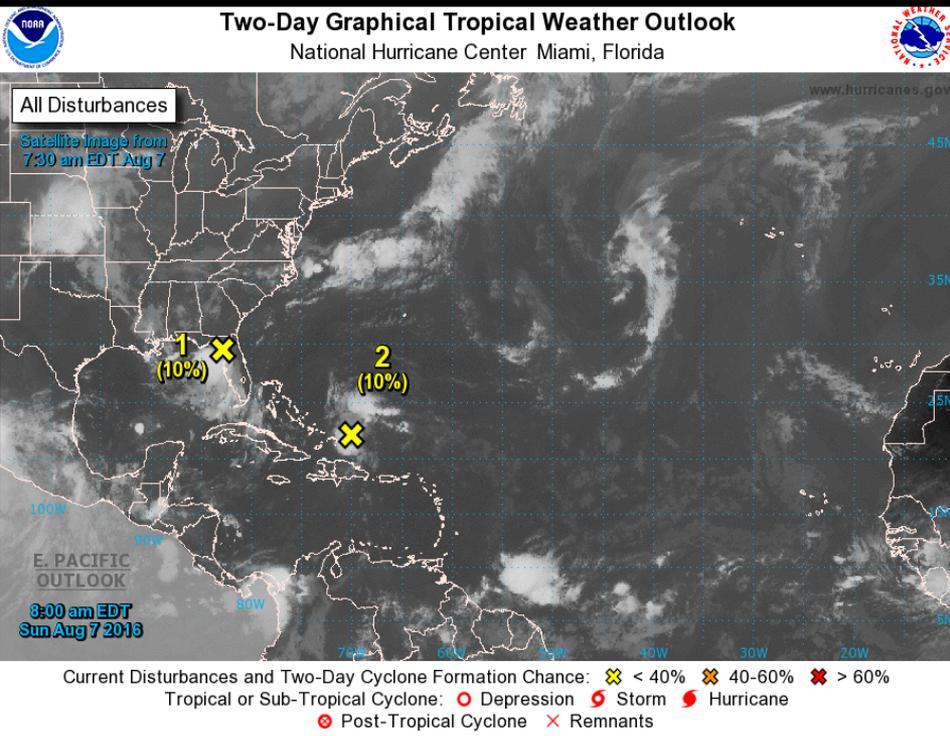
DAY/ THREAT	SUN	MON	TUE	WED	THU
Severe Weather	NE NM/N OK				
Heavy Rain/ Flash Flooding	NM →				
Fire Weather					
Heat	AR/LA/E TX and OK →				
River Flooding					

	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.



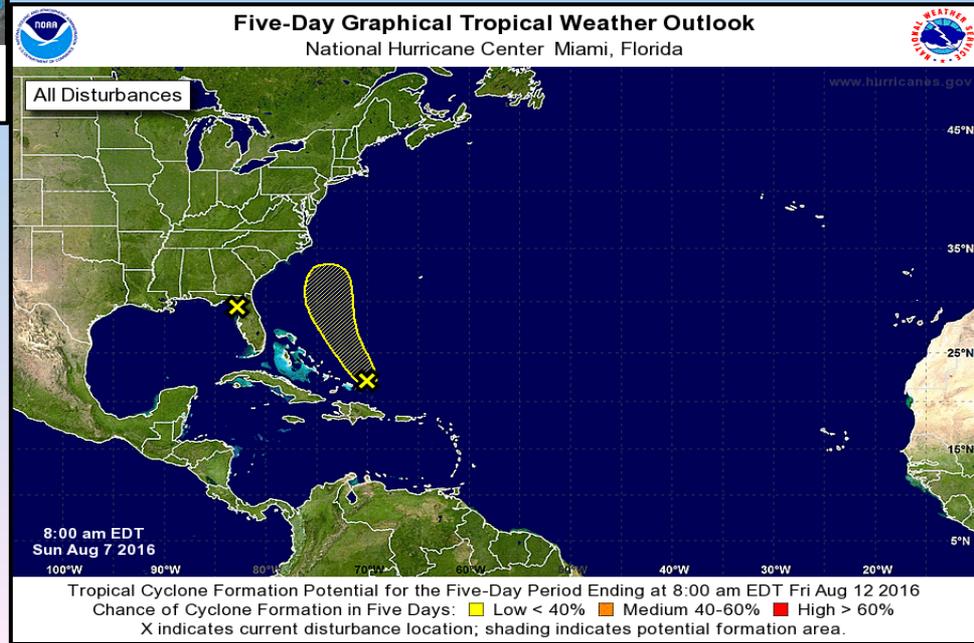
Tropical Weather Outlook



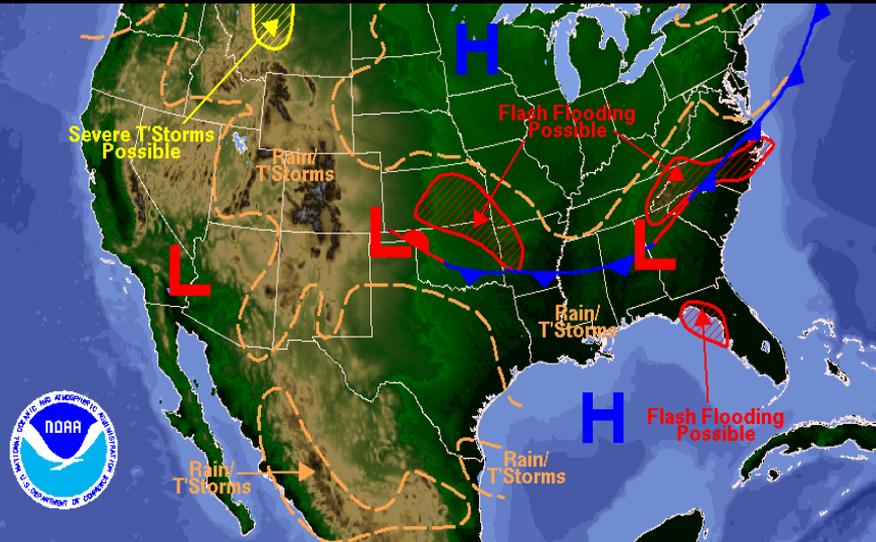
Area of low pressure over the northeast Gulf of Mexico has a low chance of developing into a tropical cyclone as it slowly meanders near the coast of the Florida panhandle during the next few days. No impacts to FEMA Region 6.

Area #1: Formation chances through 5 days...low...10 percent.

Area #2: Formation chances through 5 days...low...near 20 percent.



Today's Weather

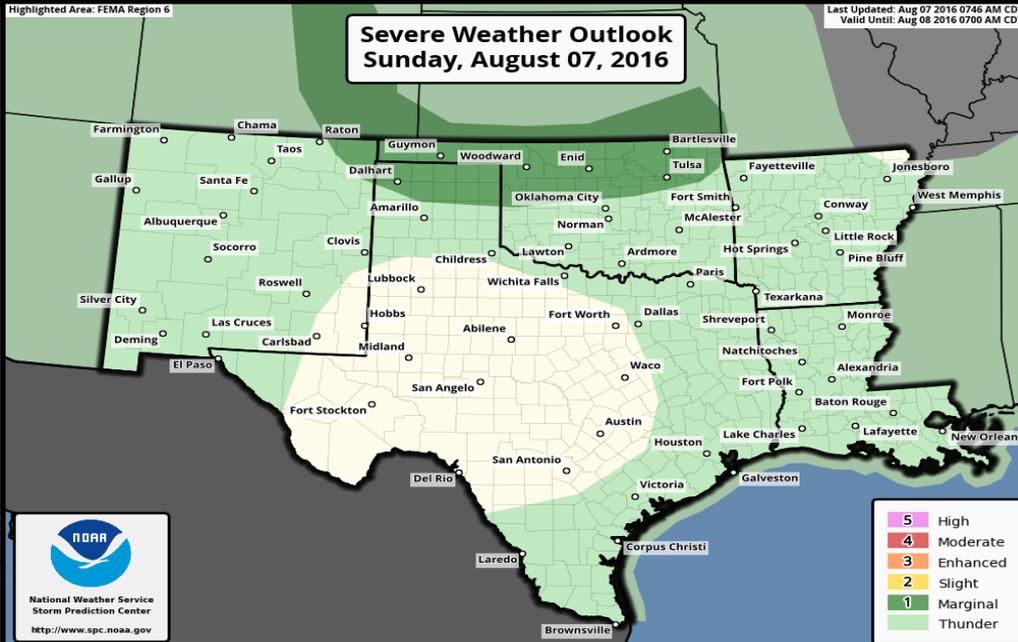
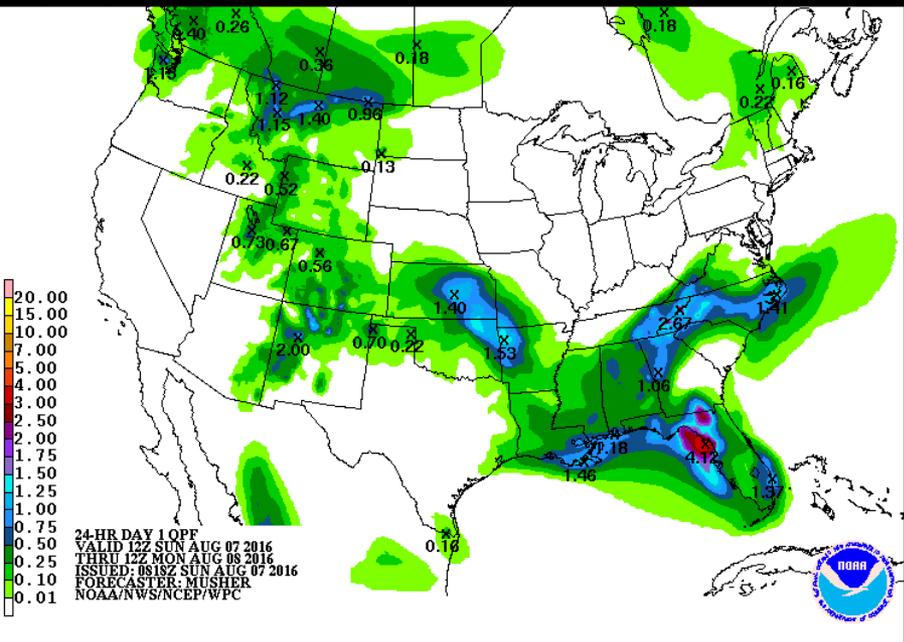


Heat advisories E TX/OK, W AR, SE LA.

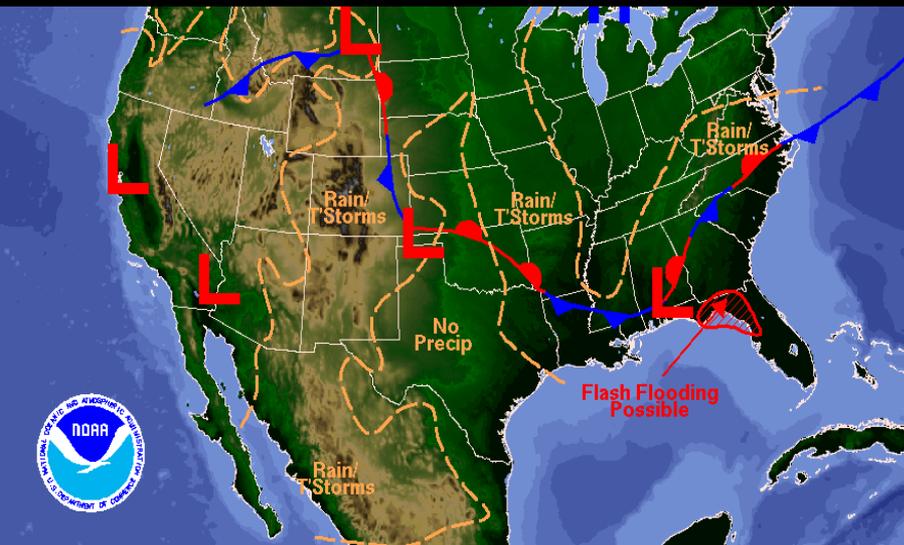
Areas of flash flooding possible over NM.

Isolated strong/severe tsrms possible over NE NM and N OK.

Weather Forecast for Sun, Aug 07, 2016, issued 4:31 AM EDT
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by Fanning based on WPC, SPC and NHC forecasts



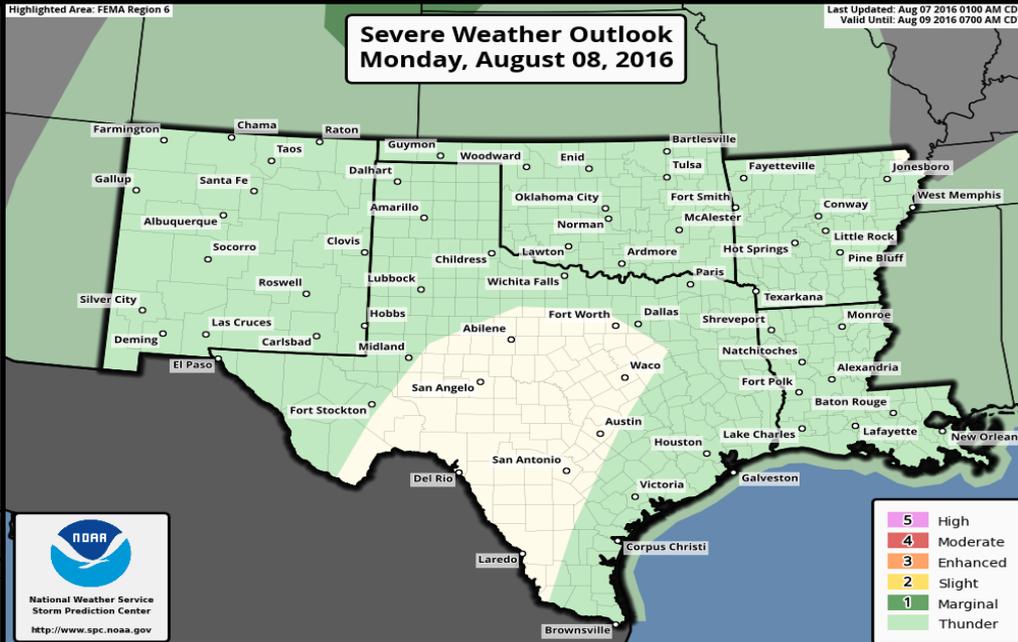
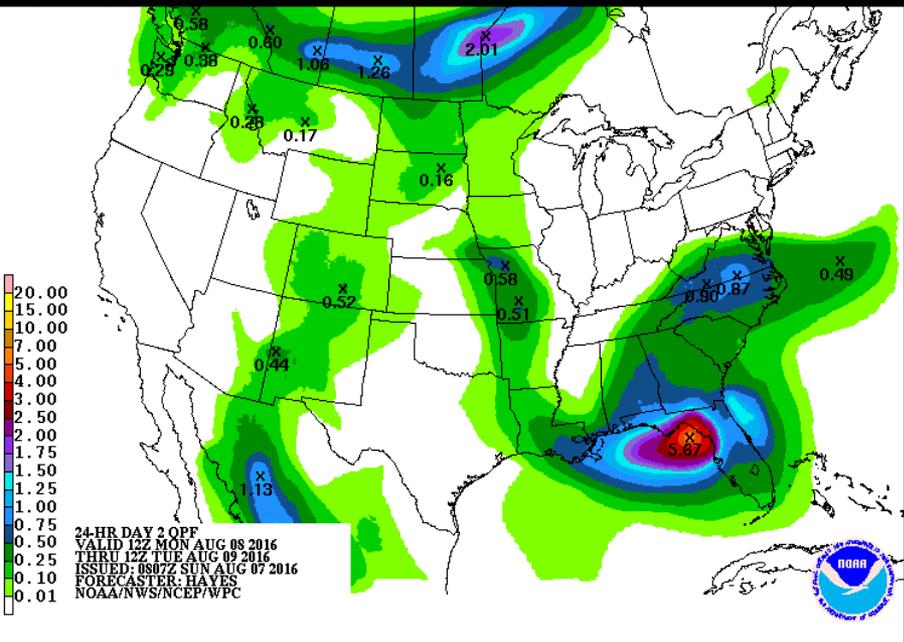
Tomorrow's Weather



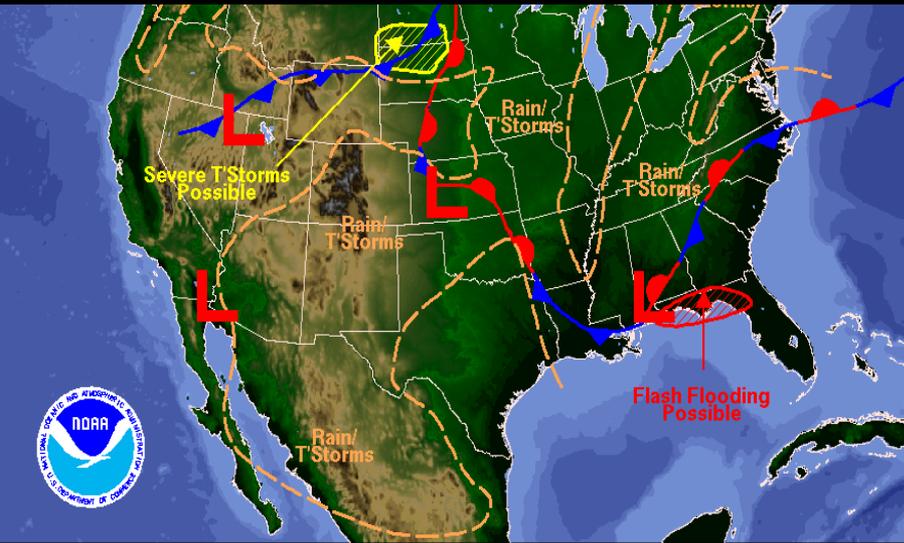
Weather Forecast for Mon, Aug 08, 2016, issued 4:35 AM EDT Sun, Aug 07, 2016
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by Fanning based on WPC, SPC and NHC forecasts

Heat advisories E TX/OK, W AR, SE LA.

Areas of flash flooding possible over NM.

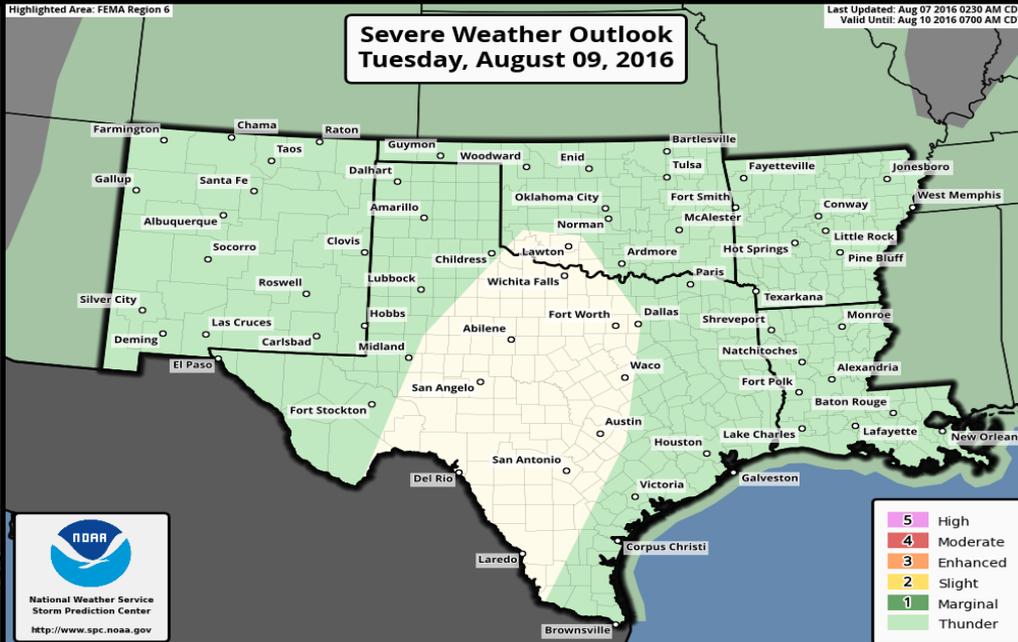
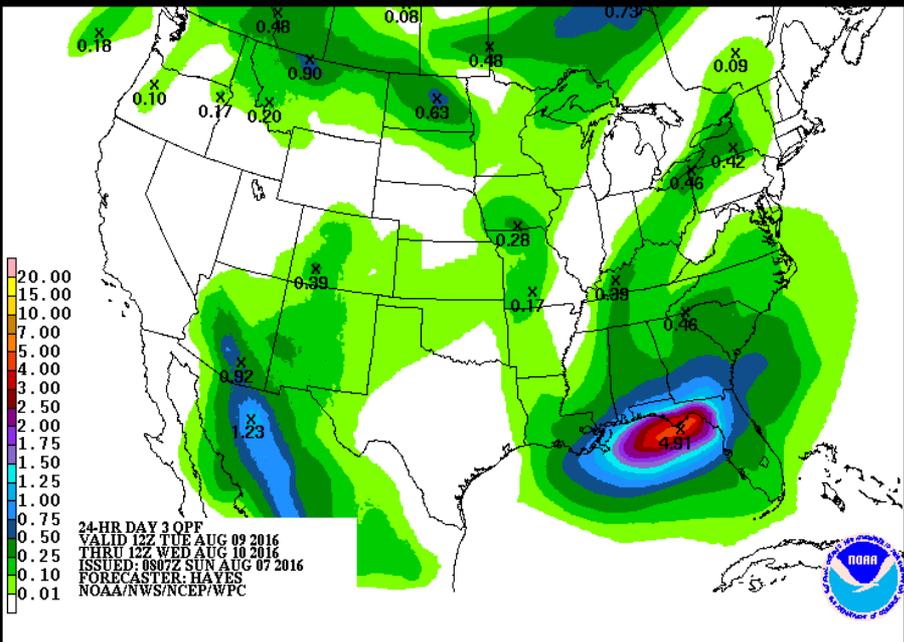


Tuesday's Weather



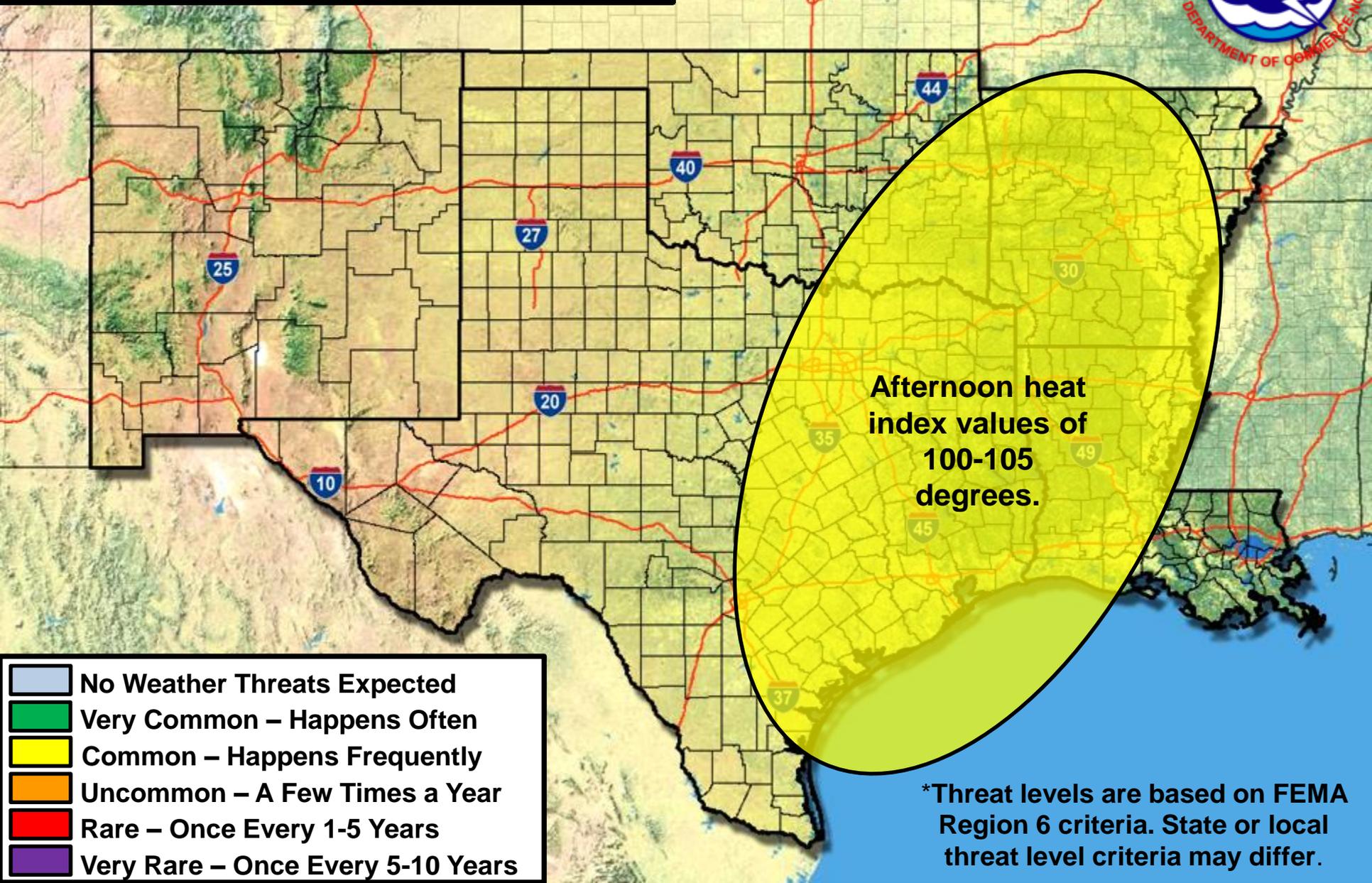
Afternoon heat index values of 105+ degrees
E TX/OK, LA/AR.

Weather Forecast for Tue, Aug 09, 2016, issued 4:37 AM EDT Sun, Aug 07, 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



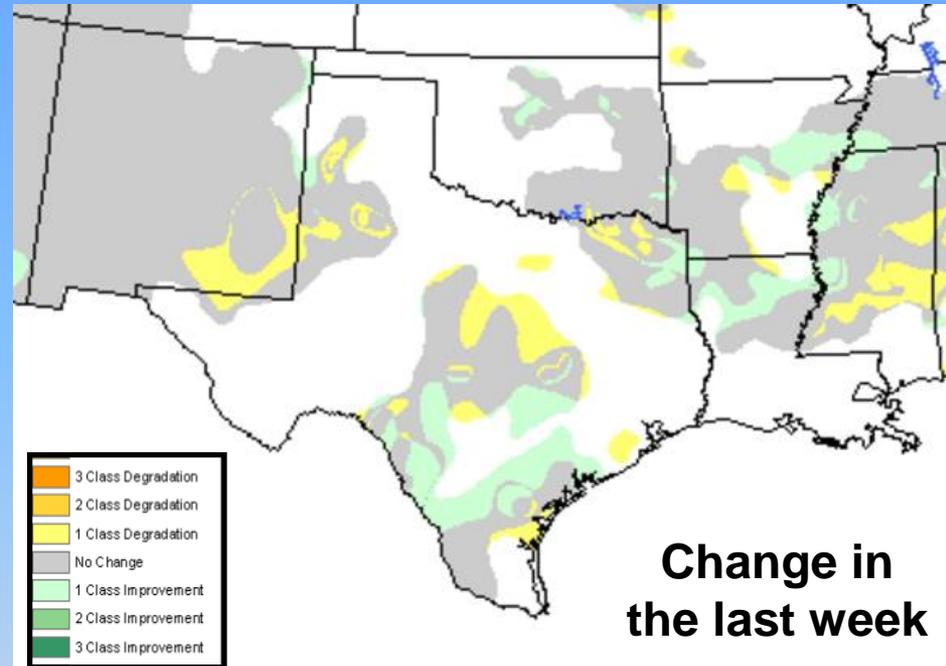
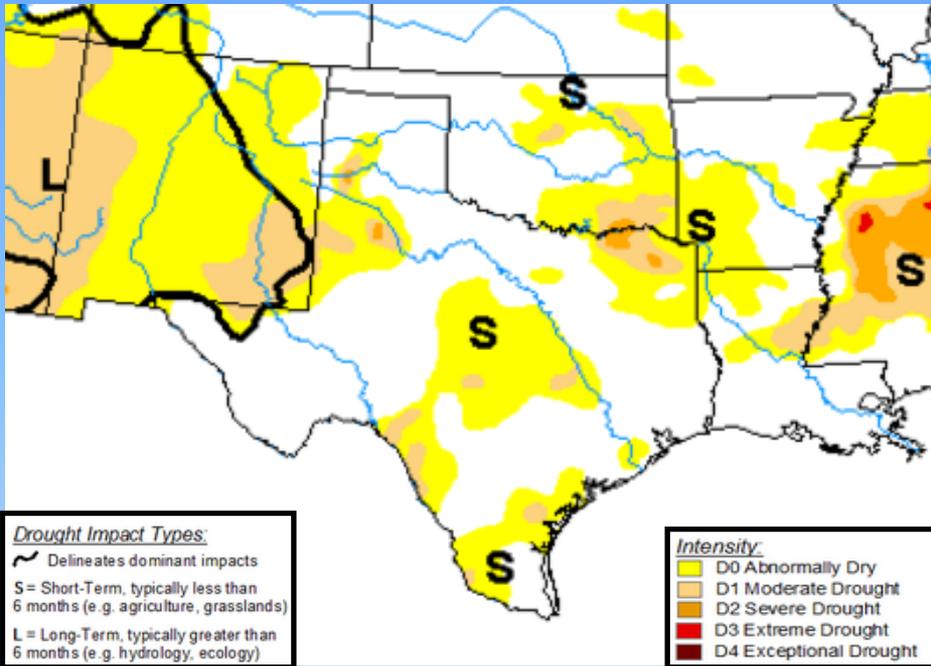
- No Weather Threats Expected
- Very Common – Happens Often
- Common – Happens Frequently
- Uncommon – A Few Times a Year
- Rare – Once Every 1-5 Years
- Very Rare – Once Every 5-10 Years

*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%

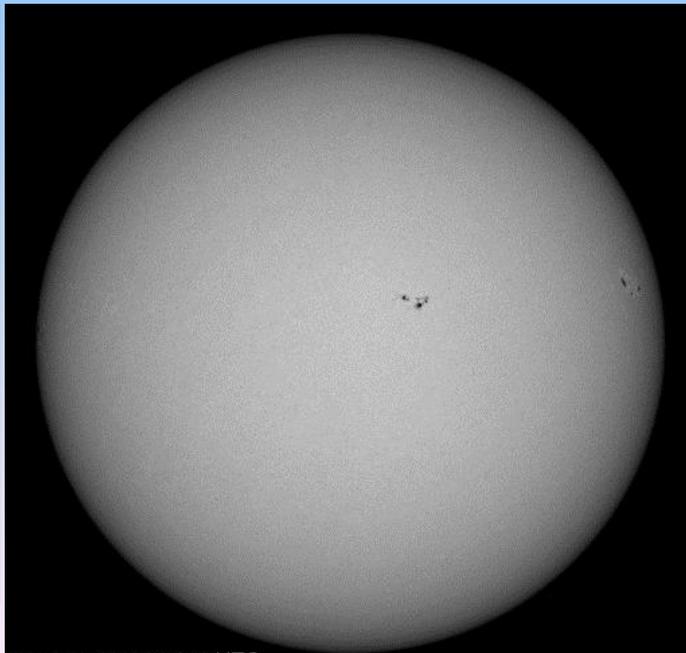
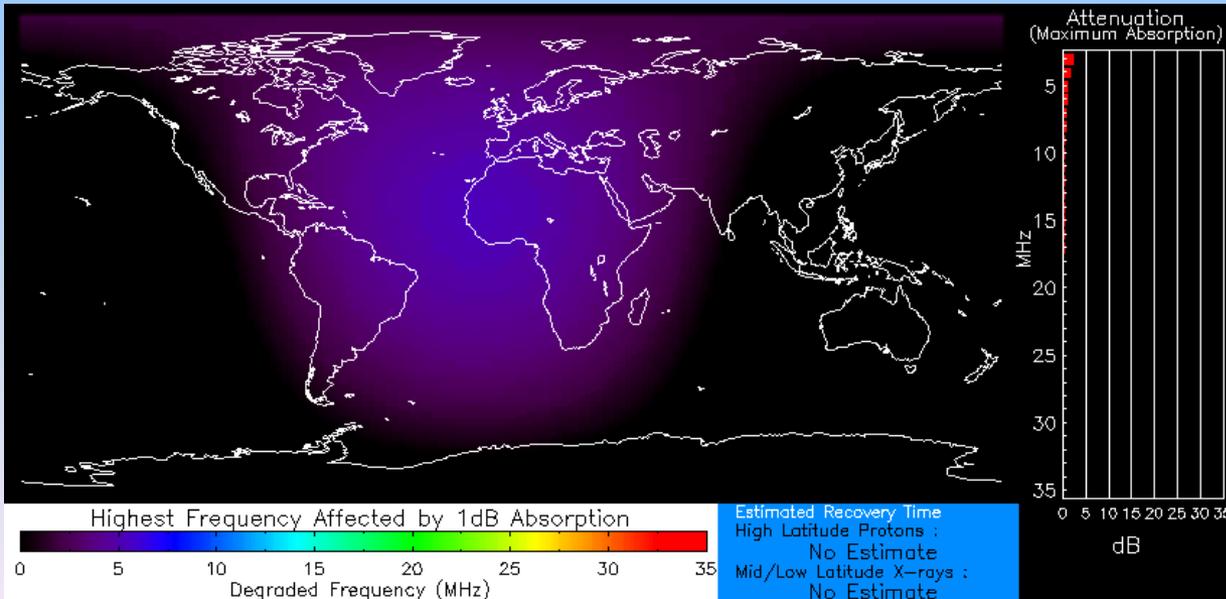
Space Weather 3-Day Forecast



	Sunday	Monday	Tuesday
Geomagnetic Storms	Quiet to Unsettled (Max Kp = 3)	Minor (G1) storm (Max Kp = 5)	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](#)



Normal X-ray Background
Product Valid At : 2016-08-07 12:51 UTC

Normal Proton Background
NOAA/SWPC Boulder, CO USA

2016-08-07 12:22:00 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

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

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 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"> 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 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"> 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 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"> 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 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"> 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 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"> 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