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 14, 2016
Issued: 0800 CT

***Day 1 Hazards*: Moderate to Major River Flooding occurring or forecast over S LA; record flooding in numerous locations.**

Flash flood threat continues over S LA into AR today and tonight.

Flash flooding possible over E TX.

National Weather Service

Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Prepared by: Kurt M. Van Speybroeck
817-978-1100 x 147

Key Points

Today

- ***Major River Flooding occurring or forecast over S LA, with record flooding along the Tickfaw, Comite, Amite, and Tangipahoa Rivers in SE LA***
- ***Heavy rainfall/flash flood threat continues for parts of SW and central LA into E TX today into the overnight hours***
- ***Heavy rain and flash flood/flood threat over AR today/tonight***

Monday

- **Flash flooding threat continues over N/NE AR**
- **Isolated flash flooding possible over parts W LA and SE TX.**

Tuesday – Thursday

- **Flash flood threat lingers over N and NE AR**
- **Rainfall likely to continue Tuesday and Wednesday over portions of AR/E TX and LA; could see additional flash flood and river flood concerns over areas that previously saw heavy rainfall**

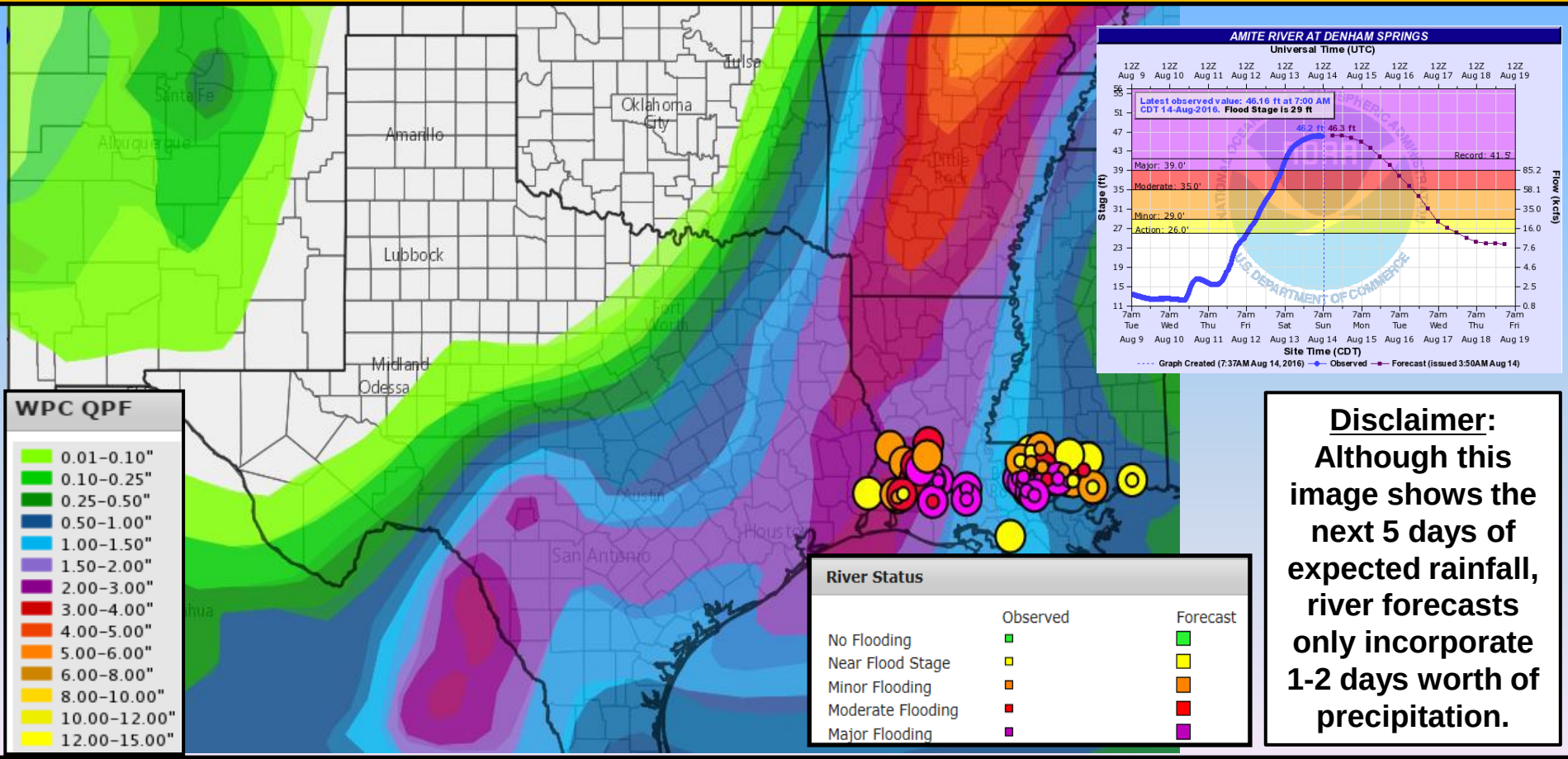
Tropical Outlook

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

River Flood Status/5 Day Forecast Rainfall

Moderate to Major River Flooding is occurring or forecast in SE LA, with record flooding at many locations, including the Tickfaw River and Amite River near Baton Rouge.

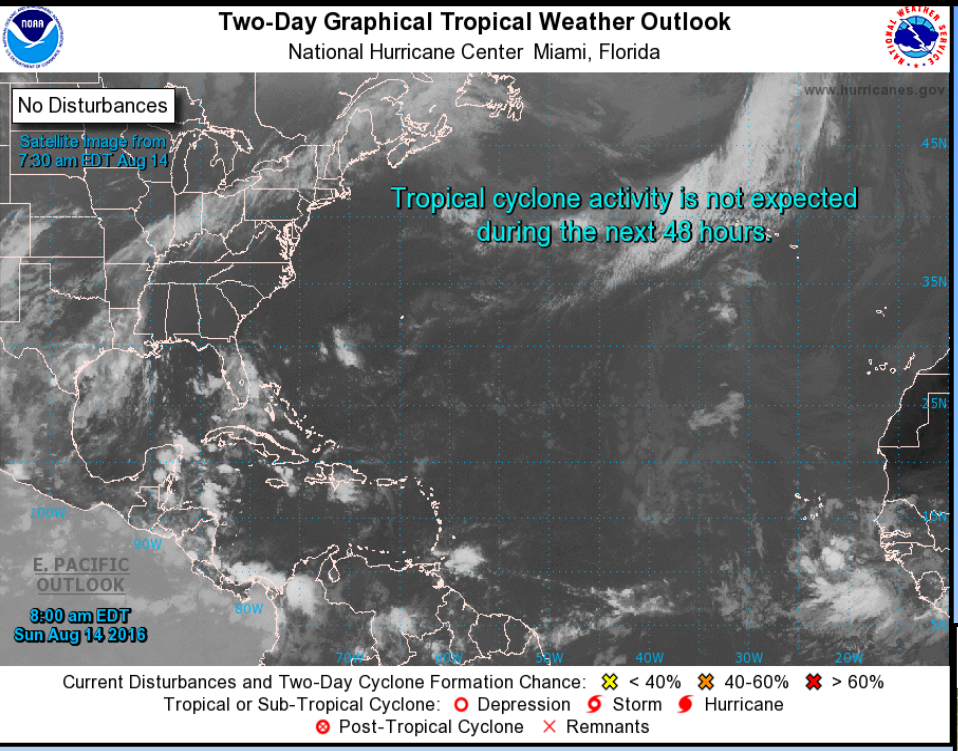
Heavy Rainfall expected over the next 2 days over central LA, and NE AR may lead to additional river flooding.



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

Tropical Weather Outlook



Tropical cyclone activity is not expected during the next 48 hours.

No new tropical cyclones are expected during the next five days.

*FEMA Region 6 Threat Matrix

Aug 14, 2016 - Aug 18, 2016

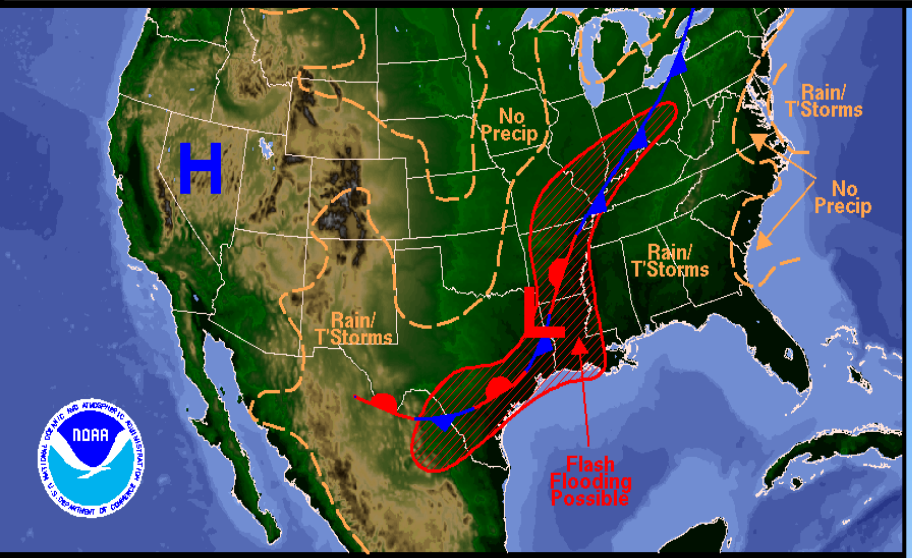
DAY/ THREAT	SUN	MON	TUE	WED	THU
Severe Weather					
Heavy Rain/ Flash Flooding	Central LA/N AR AR/SE TX/SW LA	AR/NW LA	NE AR	AR, LA	
Fire Weather					
Heat					
River Flooding	S LA	NE AR S LA	S LA/NE AR	S LA/NE AR	S LA/NE AR

- 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

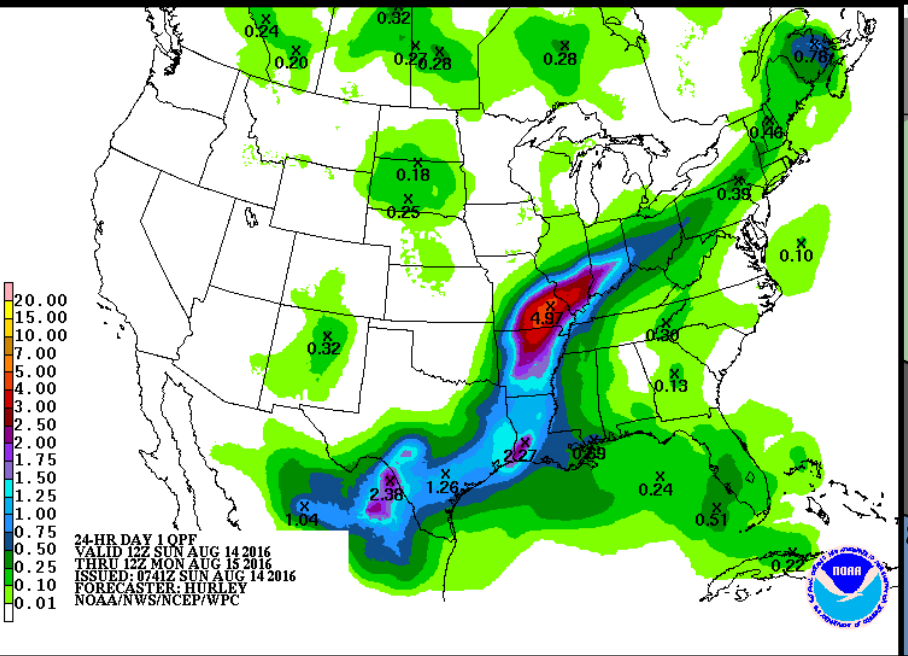
Today's Weather

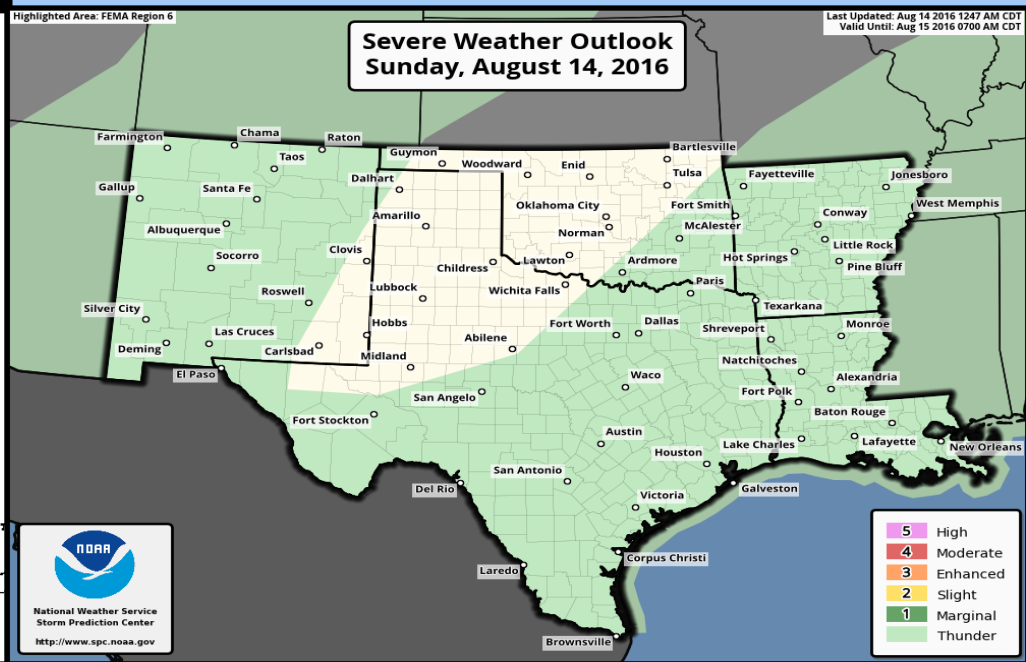


Major River Flooding occurring or forecast over S LA; record flooding in some locations.

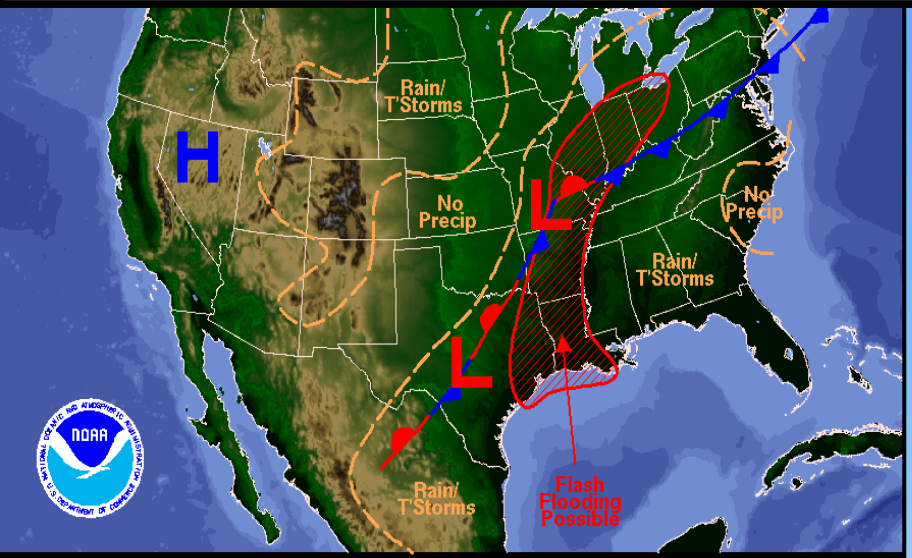
Flash flood threat for AR and continues over most of S LA today into the overnight hours.

Flash flood threat over E TX today.





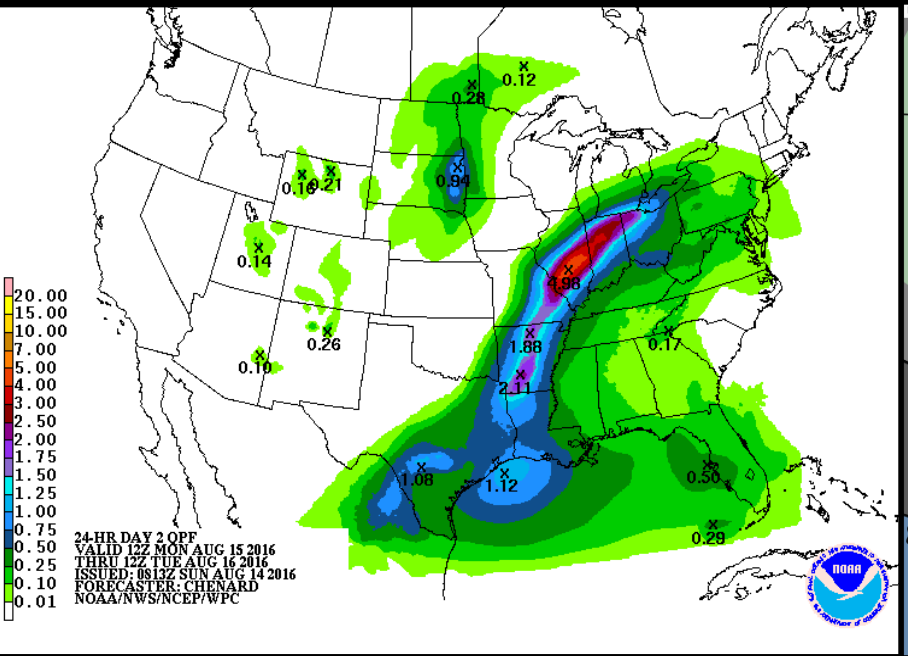
Tomorrow's Weather

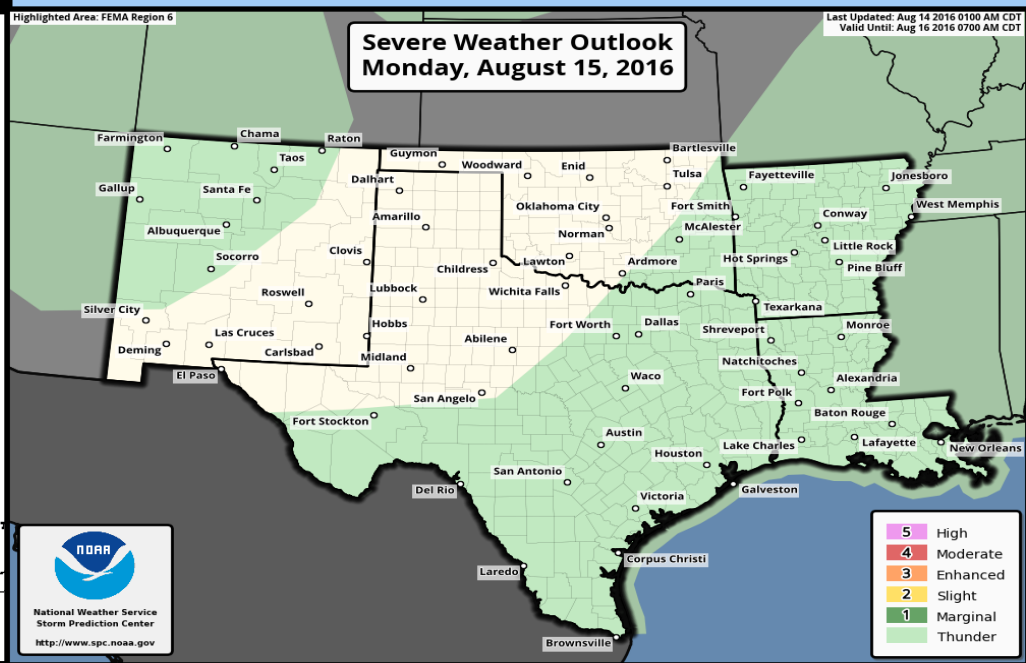


Major River Flooding will be ongoing over S LA.

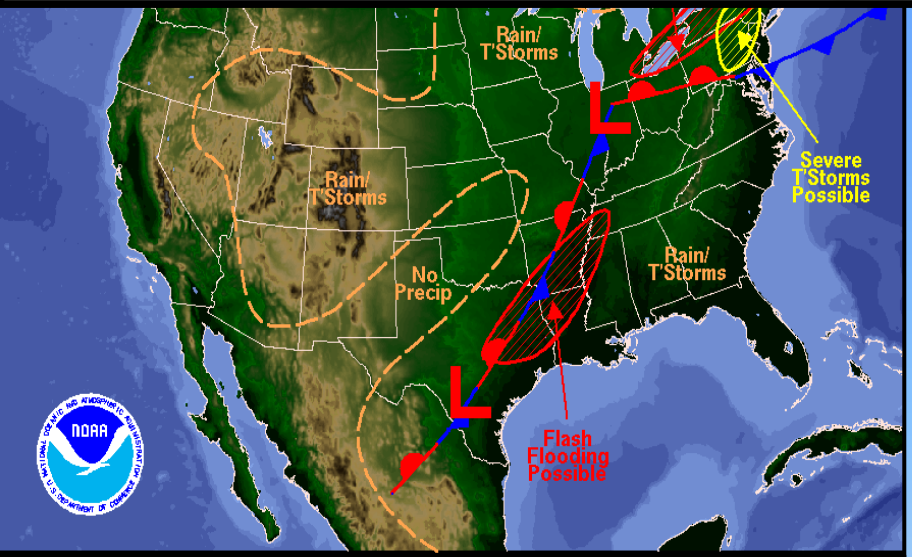
Flash flooding likely to continue over central LA and over AR.

Isolated Flash flooding possible over E TX.





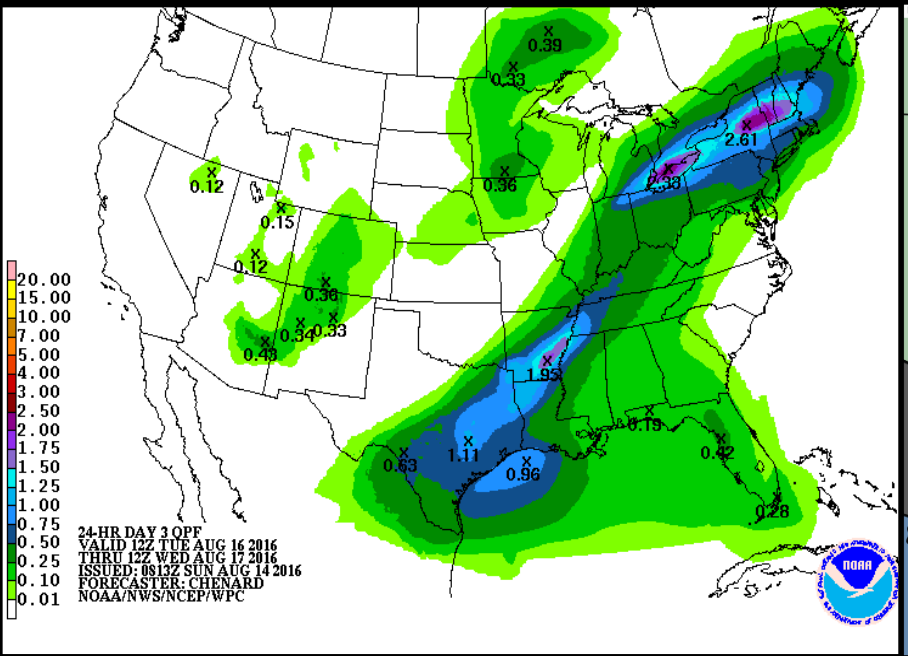
Tuesday's Weather

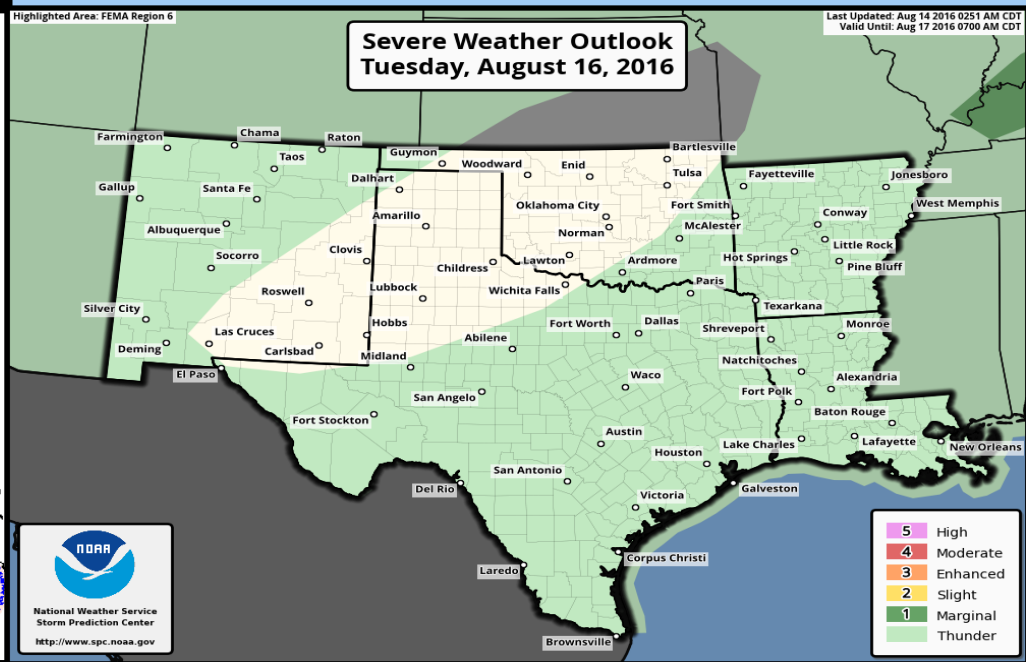


Weather Forecast for Tue, Aug 16, 2016, issued 5:06 AM EDT Sun, Aug 14, 2016
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Mcreynolds based on WPC, SPC and NHC forecasts

Moderate to Major River Flooding likely to be ongoing over S LA; Minor to Moderate River flooding possible over AR as well.

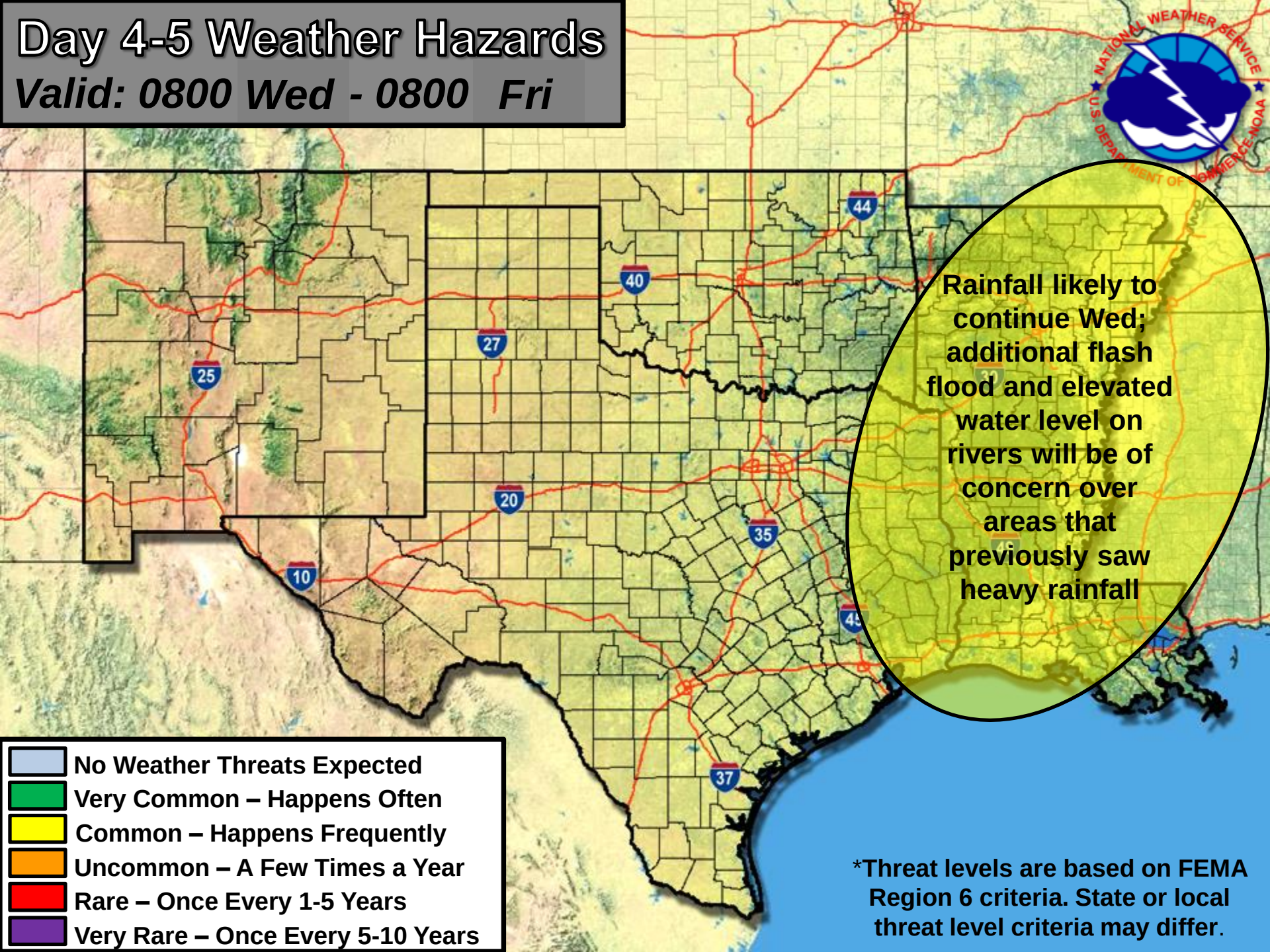
Isolated flash flooding/river flooding possible over E TX.





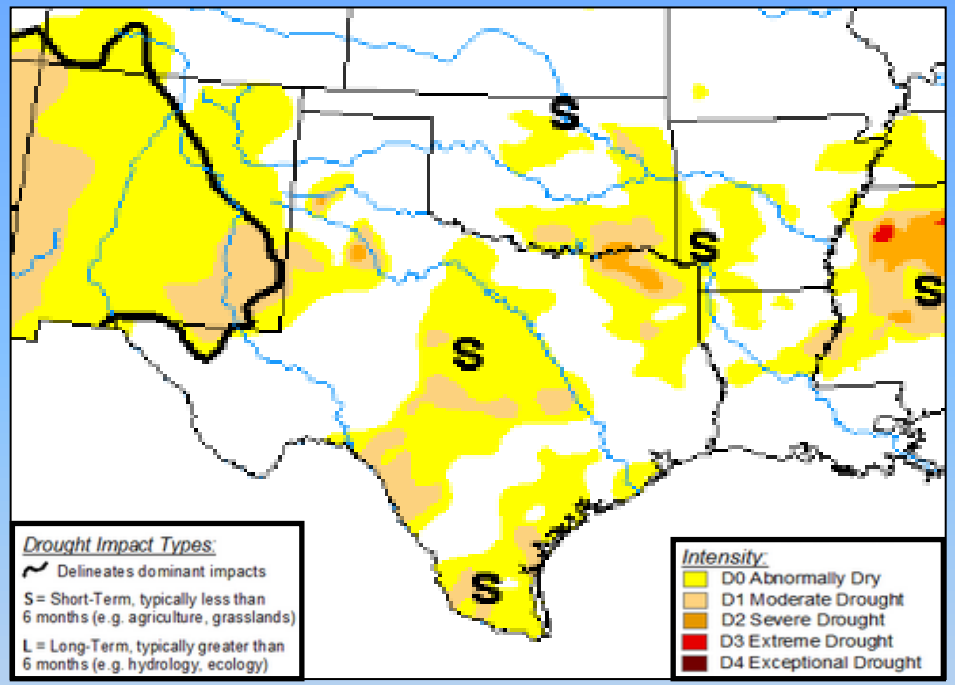
Day 4-5 Weather Hazards

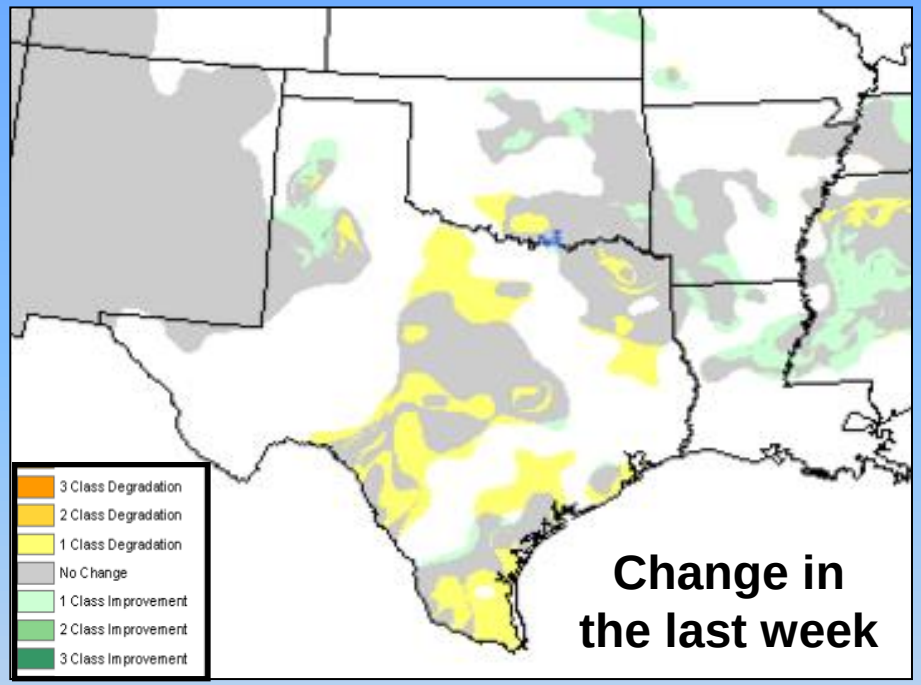
Valid: 0800 Wed - 0800 Fri



Drought Monitor Released August 11, 2016

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





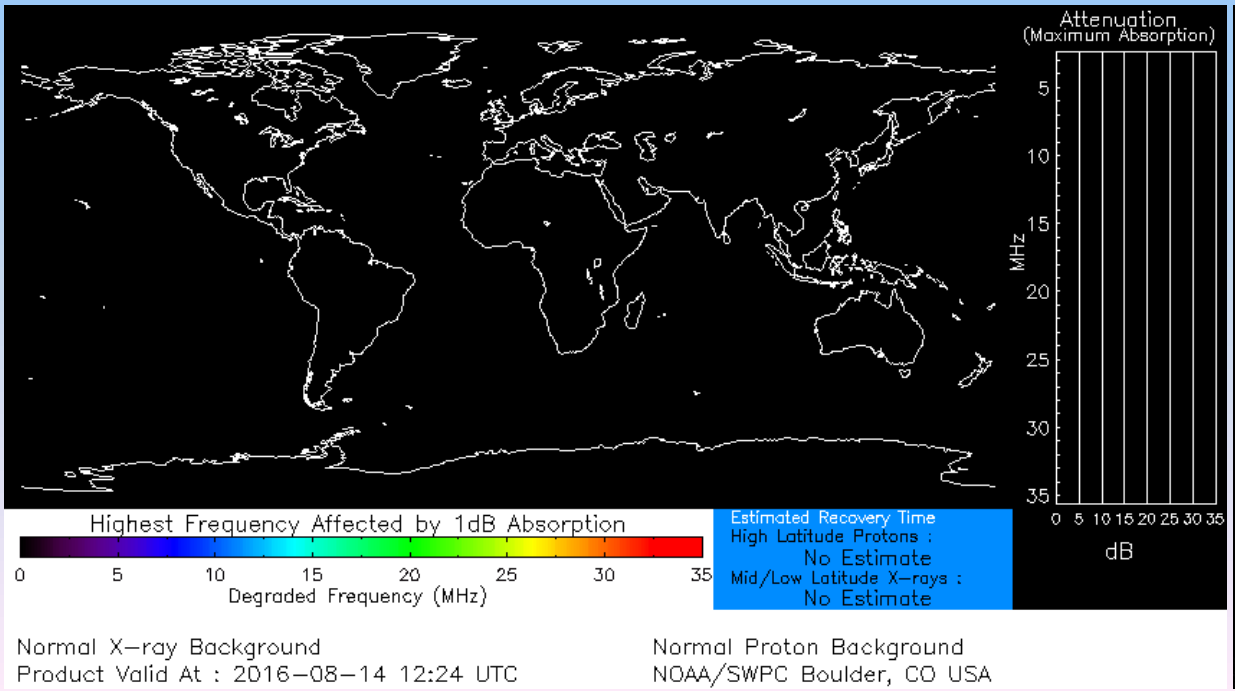
Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)				
State	Current	Last Week	3 Months Ago	1 Year Ago
Oklahoma	0.00%	0.00%	0.00%	0.00%
Texas	0.00%	0.00%	0.00%	0.00%
Arkansas	0.00%	0.00%	0.00%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%
New Mexico	0.00%	0.00%	0.00%	0.00%

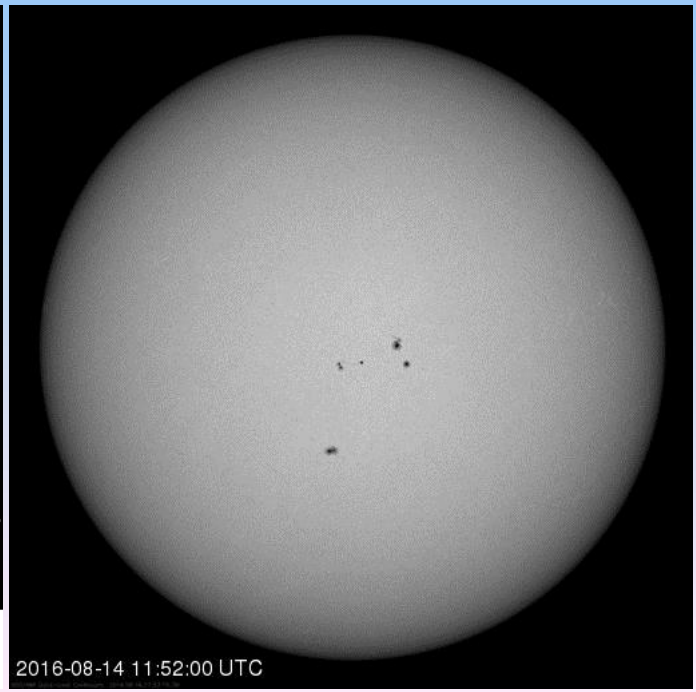
Space Weather 3-Day Forecast

	Sunday	Monday	Tuesday
Geomagnetic Storms	Quiet to Unsettled (Max Kp = 3)	Quiet to Unsettled (Max Kp = 3)	Minor (G1) Storm (Max Kp = 5)
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
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

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Web: http://www.srh.noaa.gov

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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