



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

Monday, August 15, 2016

Issued: 0800 CT

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

Flash flood threat continues over LA into AR today/tonight.

Flash flood threat continues over SE and Central TX today.

National Weather Service

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



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Key Points

Today

- Major River Flooding occurring or forecast over S LA, with record flood level receding along the Tickfaw, Comite, and Tangipahoa Rivers in SE LA
- The Amite River south of Baton Rouge is expected to crest today.
- Isolated rainfall/flash flood threat continues for parts of LA into E/central TX today.
- Isolated heavy rain and flash flood/flood threat over AR today

Tuesday

- Isolated flash flooding threat continues over part of AR
- Isolated flash flooding possible over parts LA and SE TX.

Wednesday – Friday

- Isolated rainfall is possible each day through the end of the week over portions of AR/E TX and LA; could see additional isolated flash flooding. Additional rainfall near rivers with elevated water levels and previous flooding will delay the return to normal water levels in the rivers.

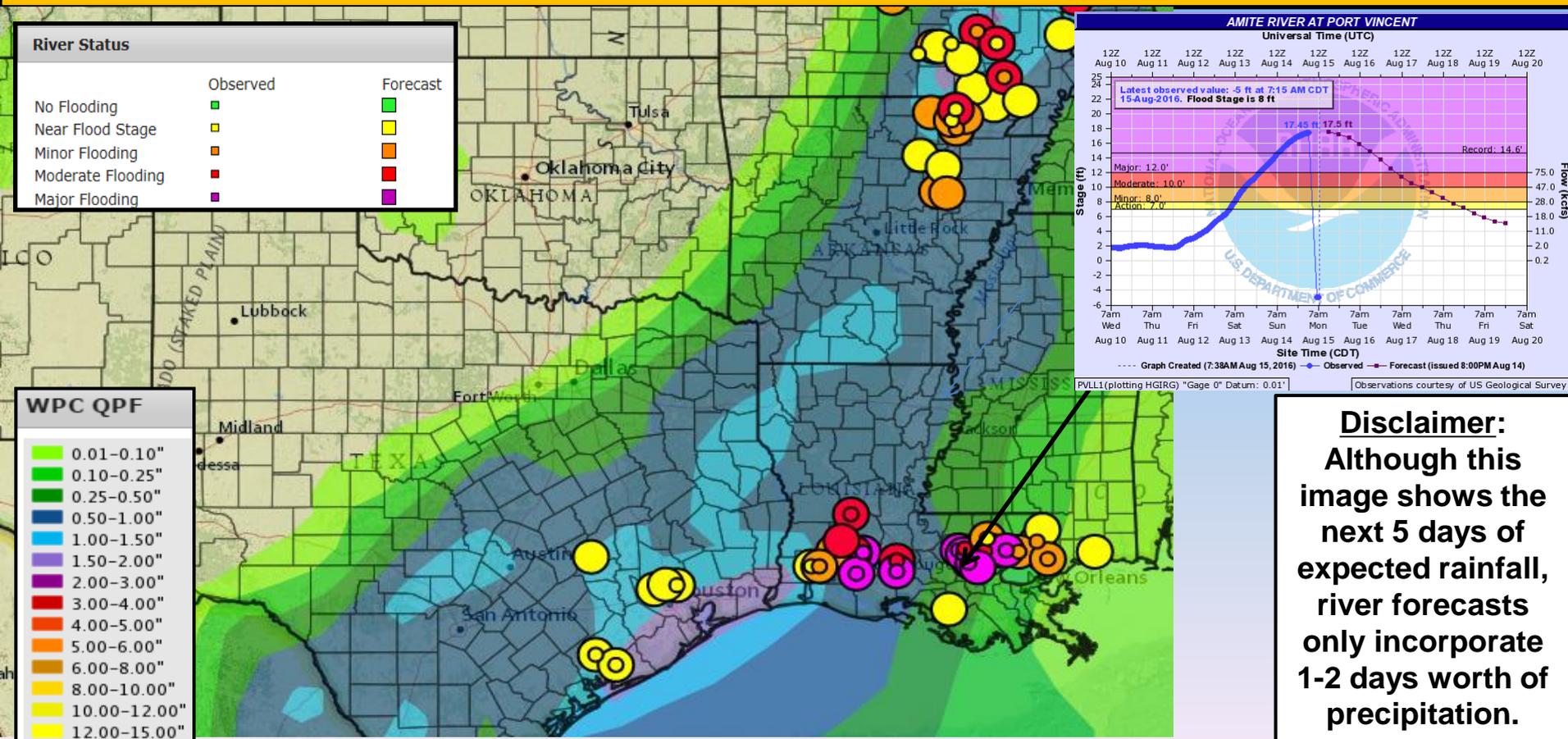
Tropical Outlook

- A tropical wave is located near the Cabo Verde Islands and has a 30 percent chance of development in the next 5 days.

River Flood Status/5 Day Forecast Rainfall

Moderate to Major River Flooding is occurring in S LA, with record flooding at many locations, including the Amite River near Baton Rouge.

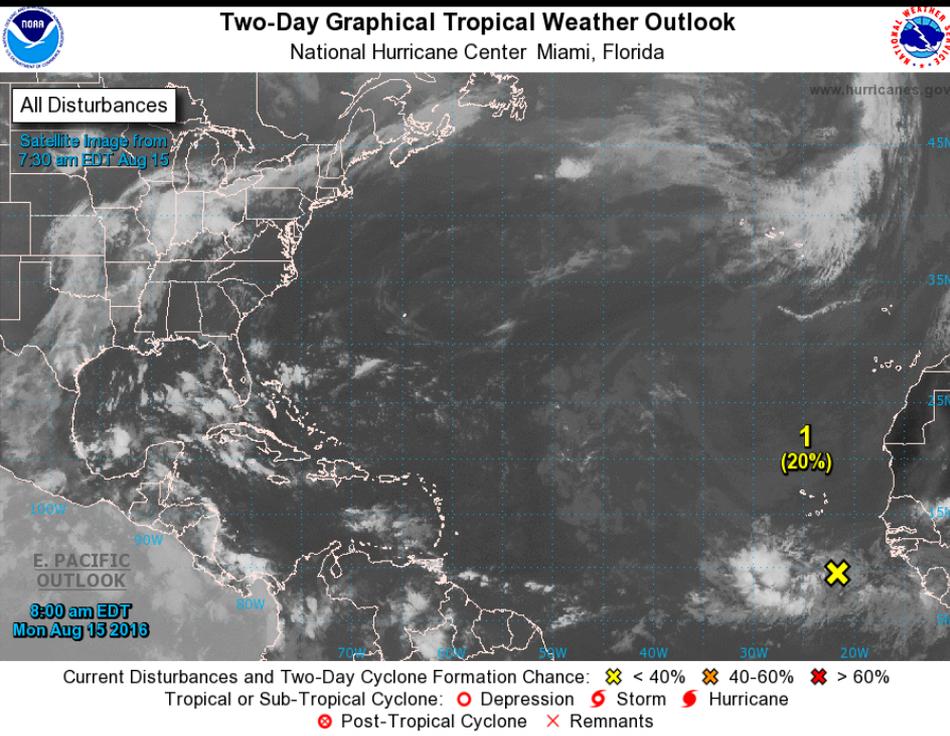
Isolated heavy Rainfall expected over SE/central TX into north LA and NE AR may lead to additional river flooding.



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

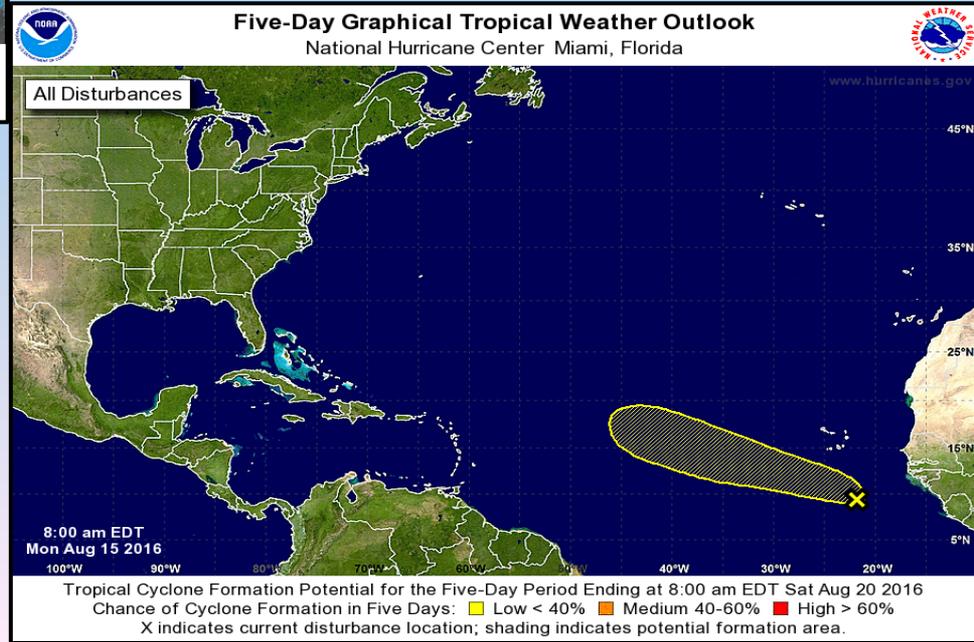
Tropical Weather Outlook



Tropical wave near the Cabo Verde Islands has some potential for development. Model forecasts suggest the area will struggle to develop and will likely not have any impact to FEMA Region 6.

There is a 20% chance of tropical development in the next 48 hours.

There is a 30% chance of tropical development in the next 5 days.



*FEMA Region 6 Threat Matrix

Aug 15, 2016 - Aug 19, 2016

| DAY/ THREAT | MON | TUE | WED | THU | FRI |
|-------------------------------|---------------|----------------------|------|------|------|
| Severe Weather | | | | | |
| Heavy Rain/ Flash Flooding | AR/NW LA | E TX/N LA Into AR | | | |
| | SE/Central TX | | | | |
| Fire Weather | | | | | |
| Heat | | | | | |
| River Flooding | NE AR | AR | S LA | S LA | S LA |
| | S LA | S 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 |

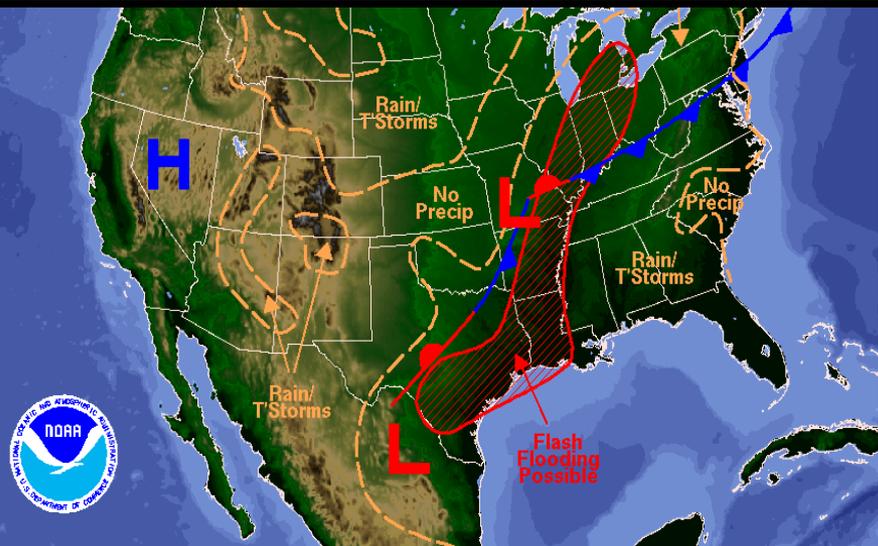
For more details on the colors in the threat matrix refer to the last slide in this briefing.



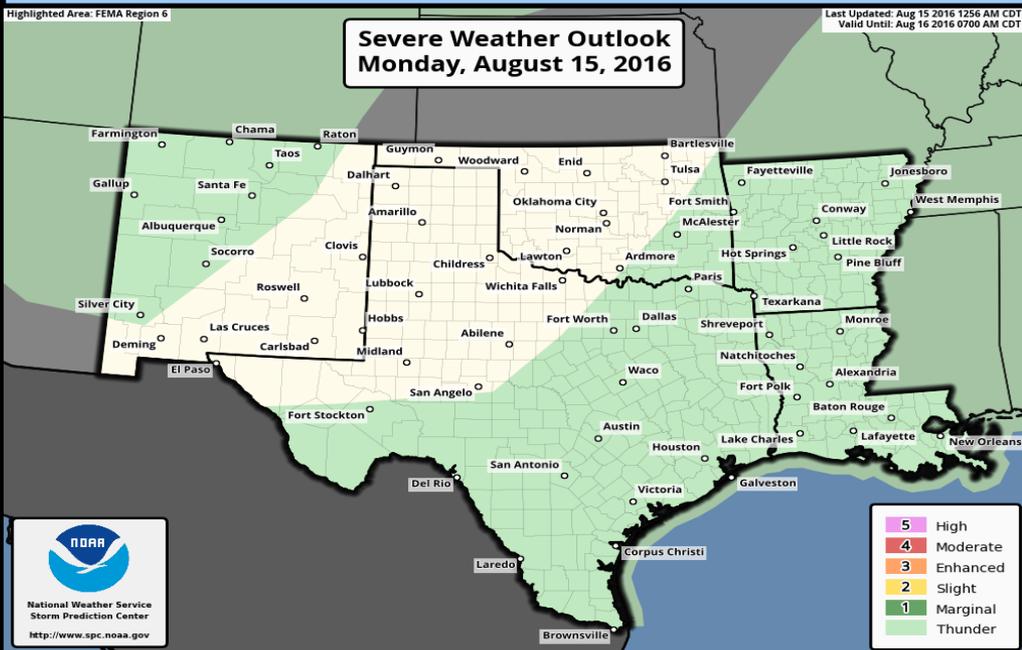
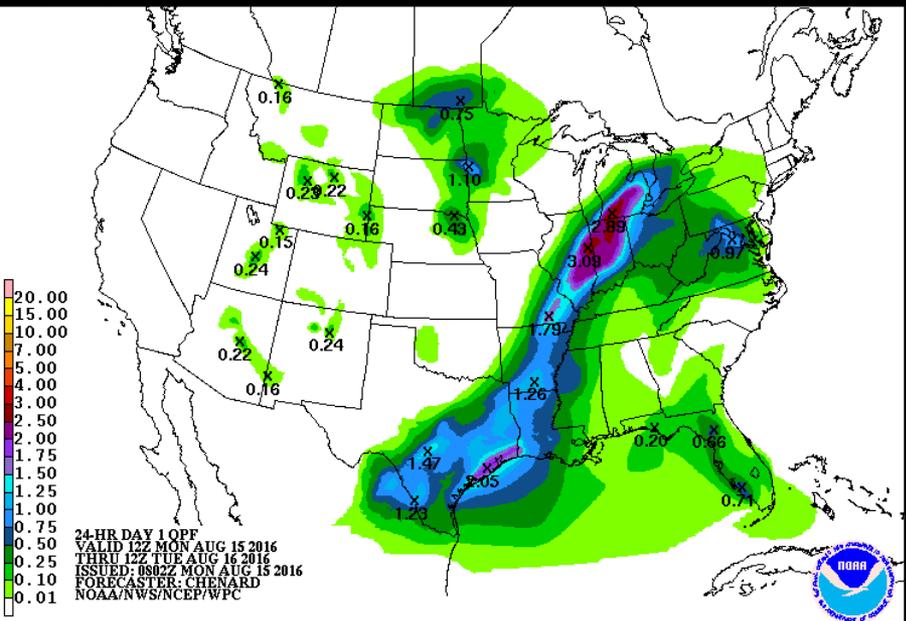
Today's Weather

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

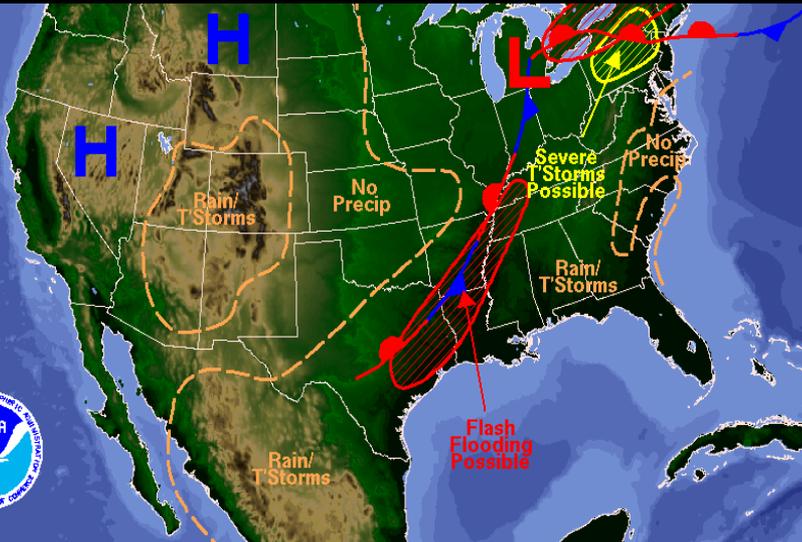
Flash flood threat for SE TX into AR today into the overnight hours.



Weather Forecast for Mon, Aug 15, 2016, issued 4:34 AM EDT
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by McCreynolds based on WPC, SPC and NHC forecasts



Tomorrow's Weather

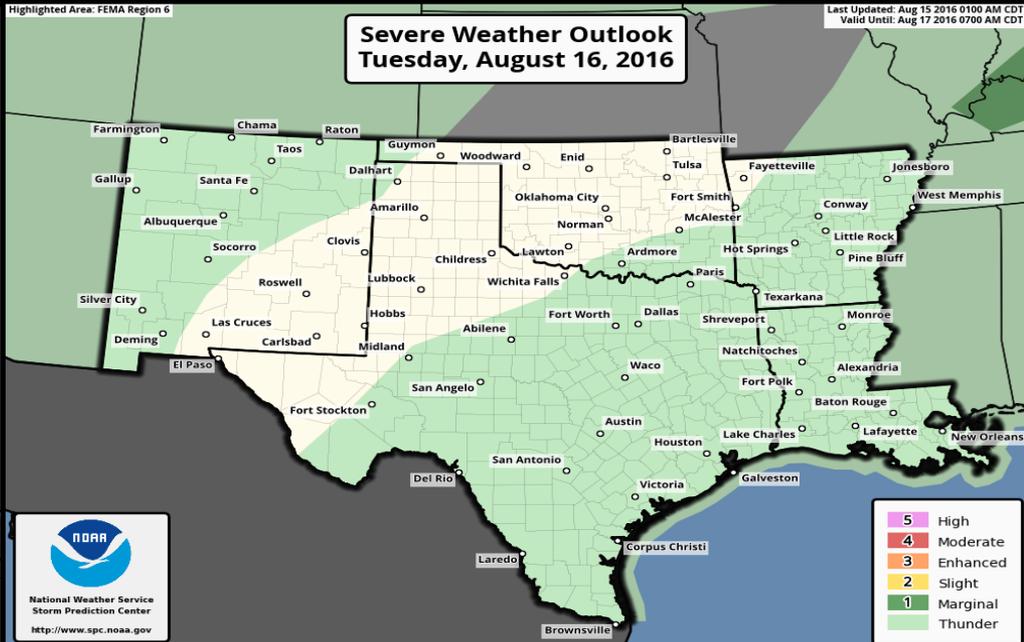
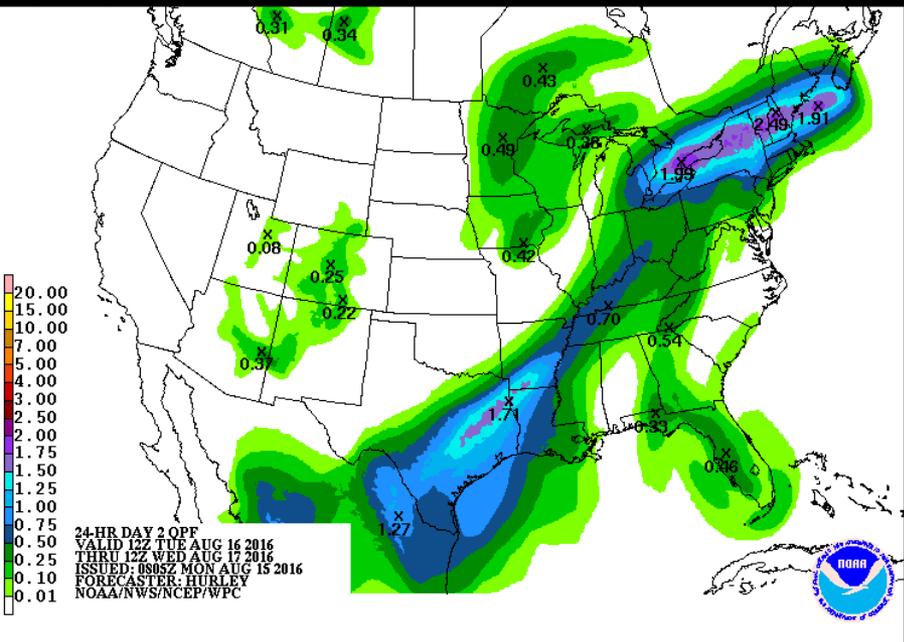


Major River Flooding will be ongoing over S LA.

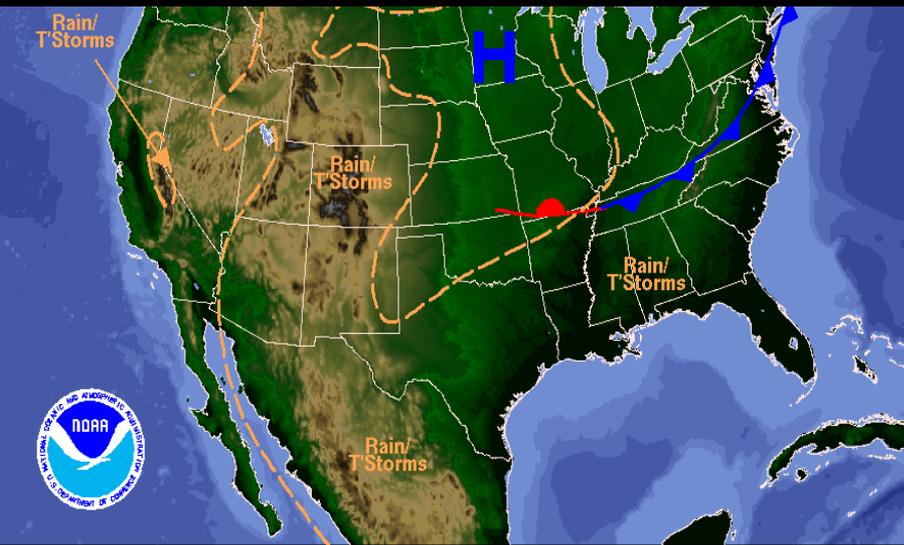
Flash flooding possible over parts of TX into AR.



Weather Forecast for Tue, Aug 16, 2016, issued 4:52 AM EDT Mon, Aug 15, 2016
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by McReynolds based on WPC, SPC and NHC forecasts

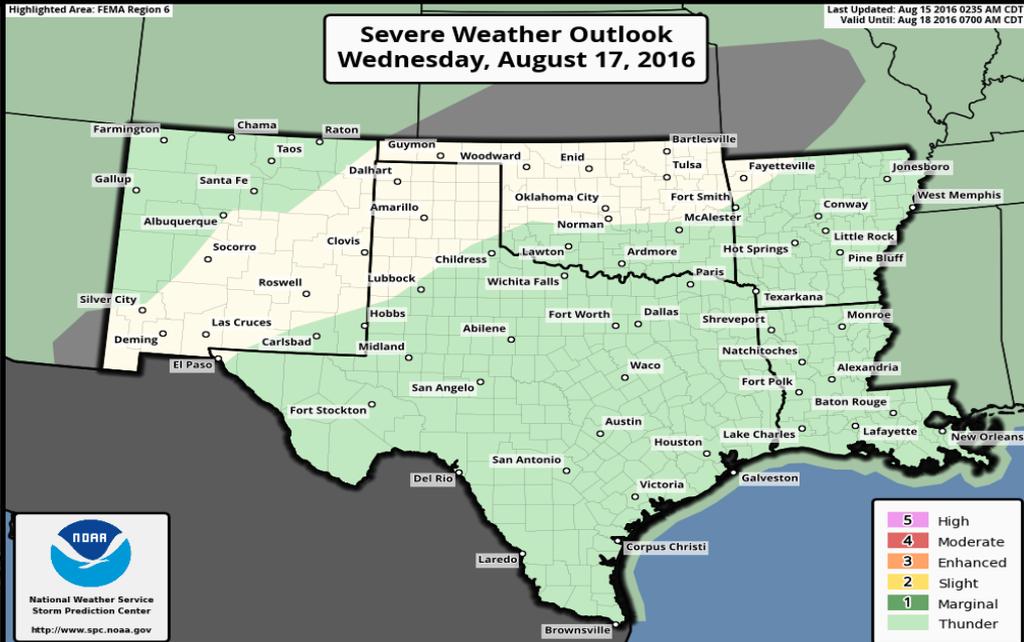
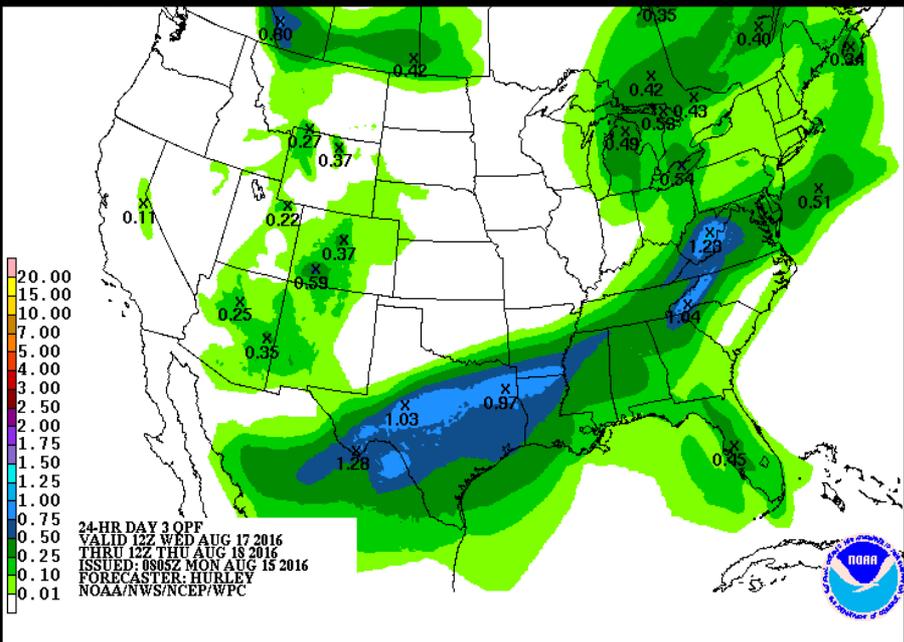


Wednesday's Weather



Weather Forecast for Wed, Aug 17, 2016, issued 4:56 AM EDT Mon, Aug 15, 2016
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by McReynolds based on WPC, SPC and NHC forecasts

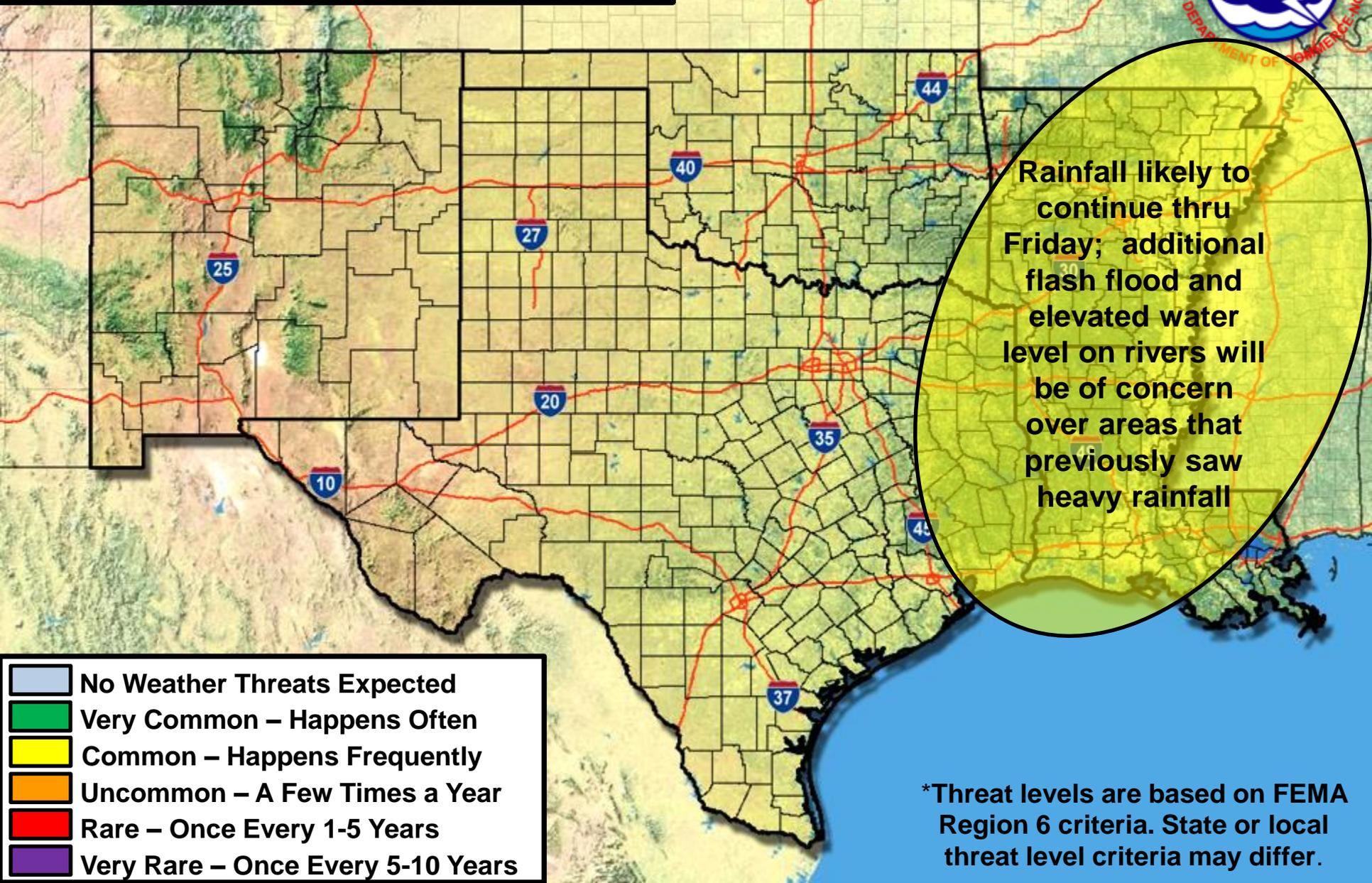
Moderate River Flooding slowly receding over S LA.



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

Day 4-5 Weather Hazards

Valid: 0800 Thu - 0800 Sat



Rainfall likely to continue thru Friday; additional flash flood and elevated water level on rivers will be of concern over areas that previously saw heavy rainfall

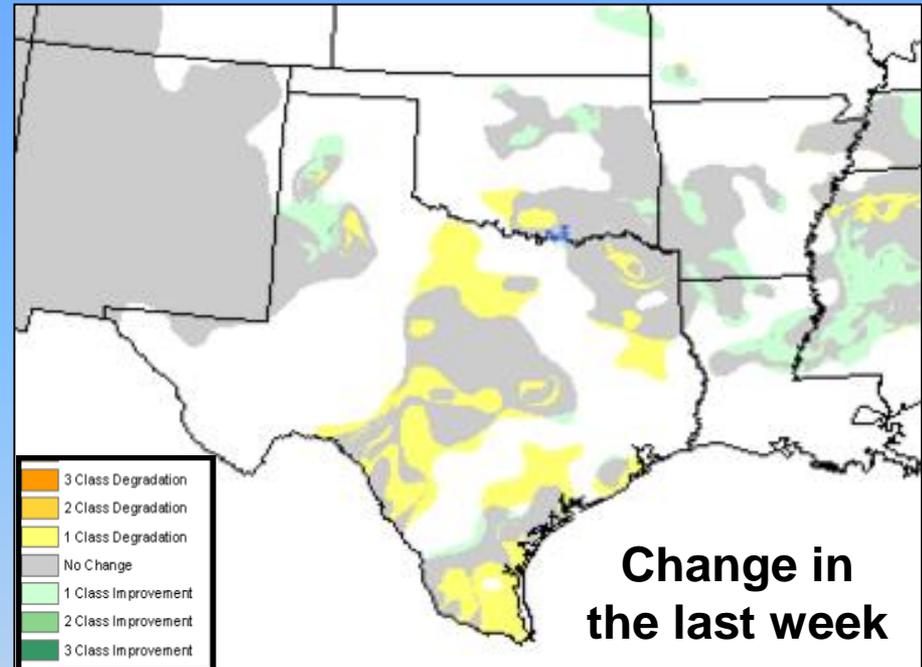
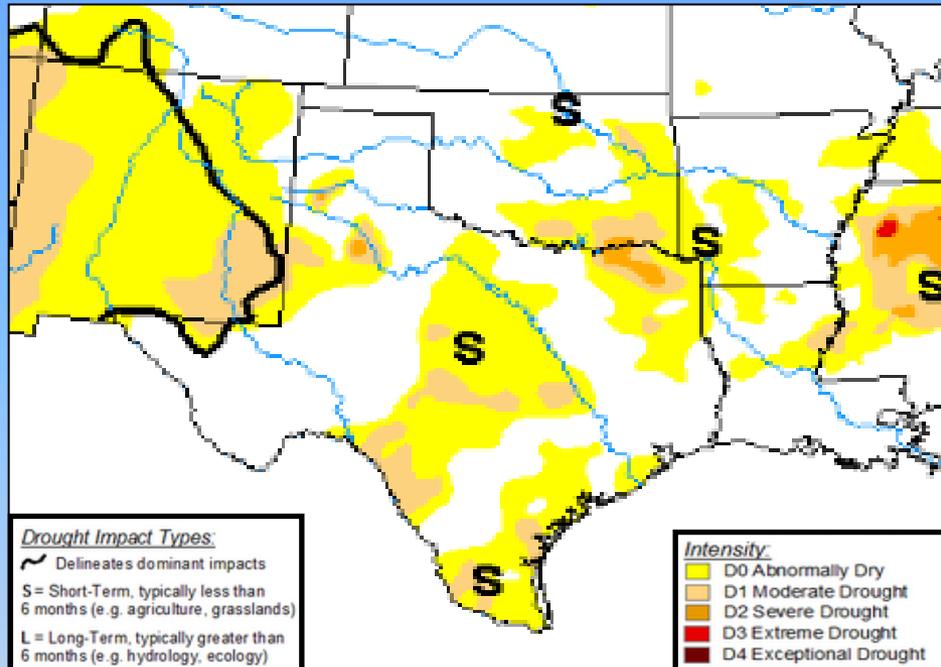
- No Weather Threats Expected
- Very Common – Happens Often
- Common – Happens Frequently
- Uncommon – A Few Times a Year
- Rare – Once Every 1-5 Years
- Very Rare – Once Every 5-10 Years

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



Drought Monitor Released 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% |

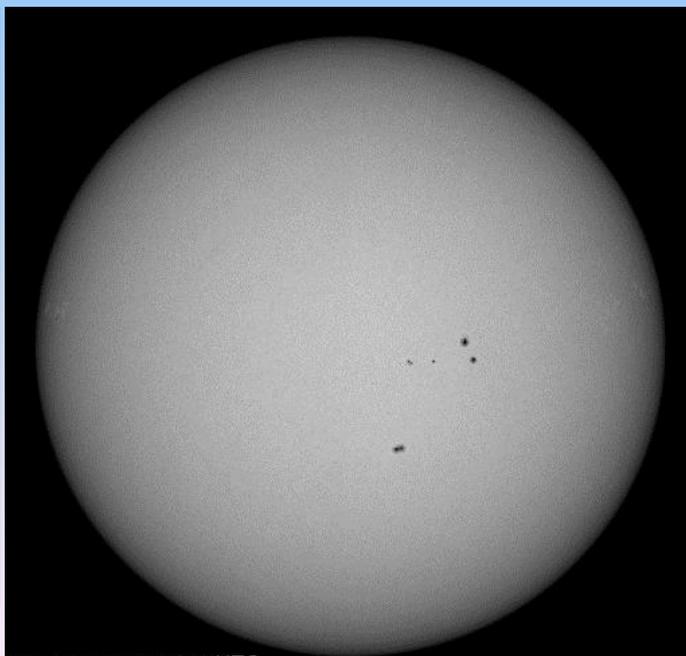
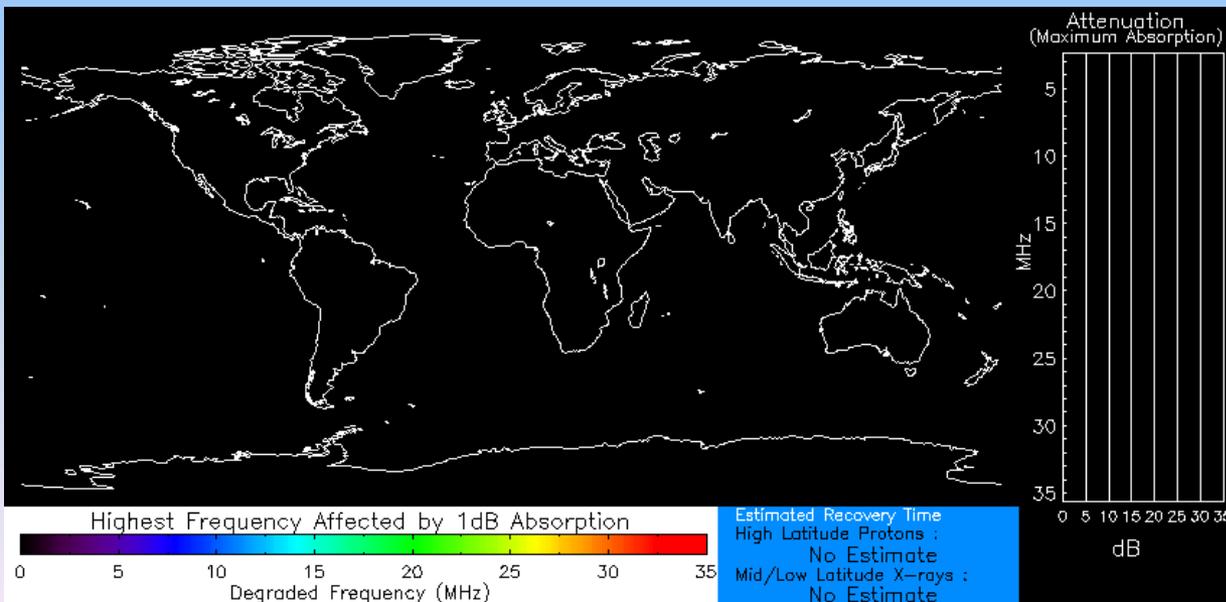
Space Weather 3-Day Forecast



| | Monday | Tuesday | Wednesday |
|-------------------------------|----------------------------------|------------------------------------|------------------------------------|
| Geomagnetic Storms | Minor (G1) Storm (Max Kp = 5) | 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](#)



Normal X-ray Background
Product Valid At : 2016-08-15 12:08 UTC

Normal Proton Background
NOAA/SWPC Boulder, CO USA

2016-08-15 11:22:00 UTC

Information provided by:



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

facebook

<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 |