



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, October 03, 2016

Issued: 0800 CT

Day 1 Hazards: *The Nueces River at Cotulla continues to rise; expected to crest in moderate flood stage early Tuesday.*

A few strong storms possible over the TX/OK Panhandles this afternoon into the overnight hours; gusty winds and hail are the main threats.

National Weather Service

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



**Prepared by: Jennifer McNatt
817-978-1100 x 147**

Key Points



Today

- The Nueces River at Cotulla continues to rise, forecast to crest in moderate flood stage early Tuesday; mostly agricultural impacts are expected
- A few strong storms possible over the TX/OK Panhandles this afternoon into the overnight hours; gusty winds and hail are the main threats

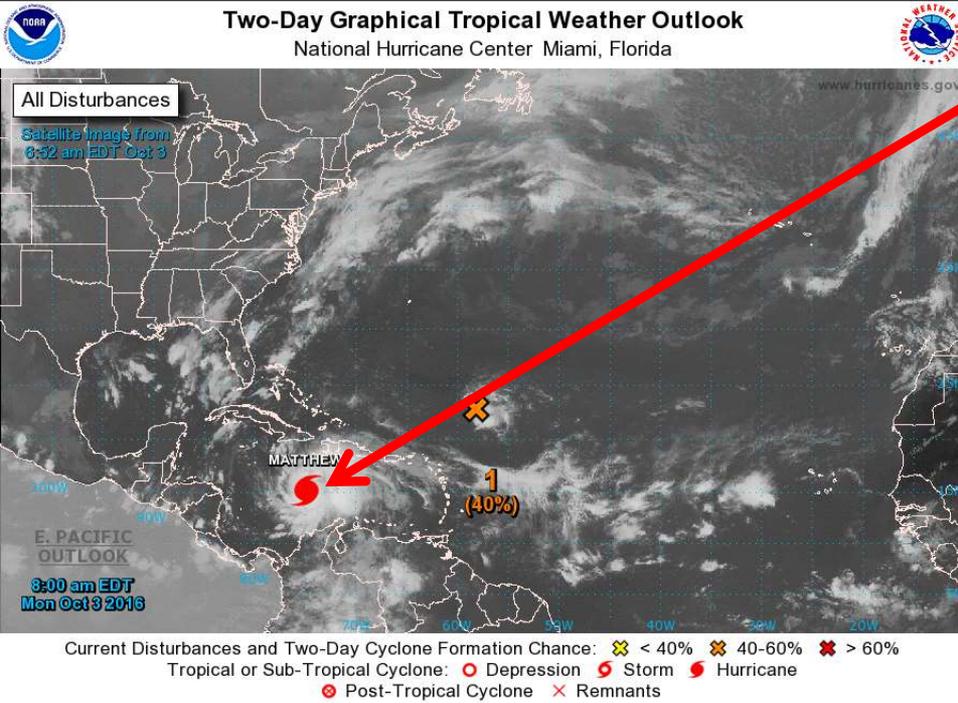
Tuesday - Friday

- There is an enhanced risk of severe storms over W-Central OK on Tuesday, with a slight risk extending throughout the western half of OK
- A few strong storms possible over NE OK Wednesday and over N-Central OK on Thursday

Tropical Outlook

- Hurricane Matthew is located about 230 miles SSW of Kingston, Jamaica
 - Currently a Category 4 storm; forecast to continue moving N and approach SW Haiti and Jamaica tonight, and eastern Cuba on Tuesday
- A broad area of low pressure is located about 400 miles NE of the northern Leeward Islands; some development is possible during the next couple of days before upper-level winds become unfavorable for development. This system is expected to move W-NW to NW at 10-15mph during the next few days
 - Formation chance through 48 hours...medium...40%
 - Formation chance through 5 days...medium...40%

Tropical Weather Outlook

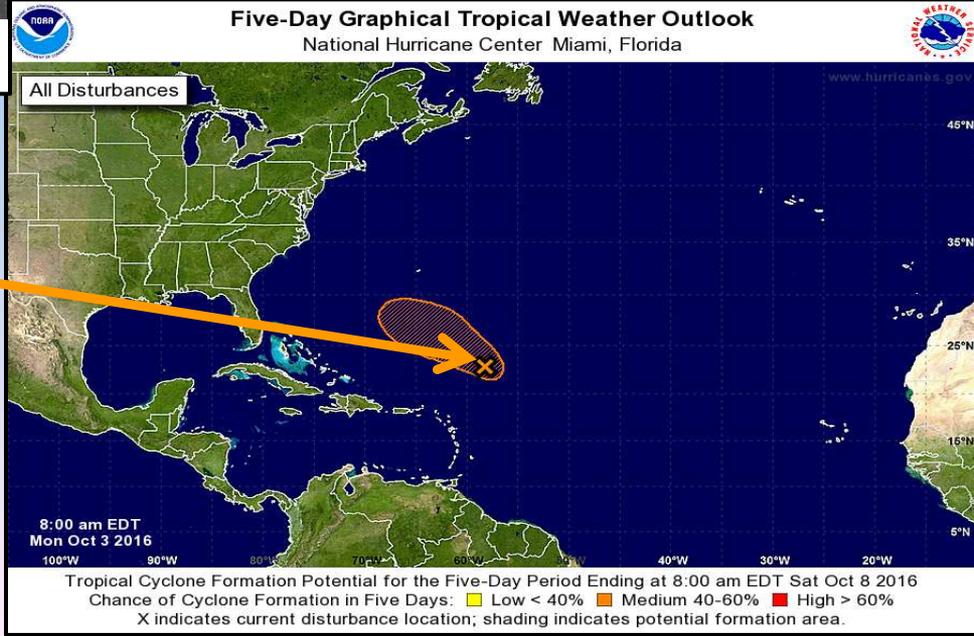


More information for Hurricane Matthew on the next slide.

A broad area of low pressure is located about 400 miles NE of the northern Leeward Islands. Some development of this low is possible during the next couple of days before upper-level winds become unfavorable for development. This system is expected to move W-NW to NW at 10-15mph during the next few days.

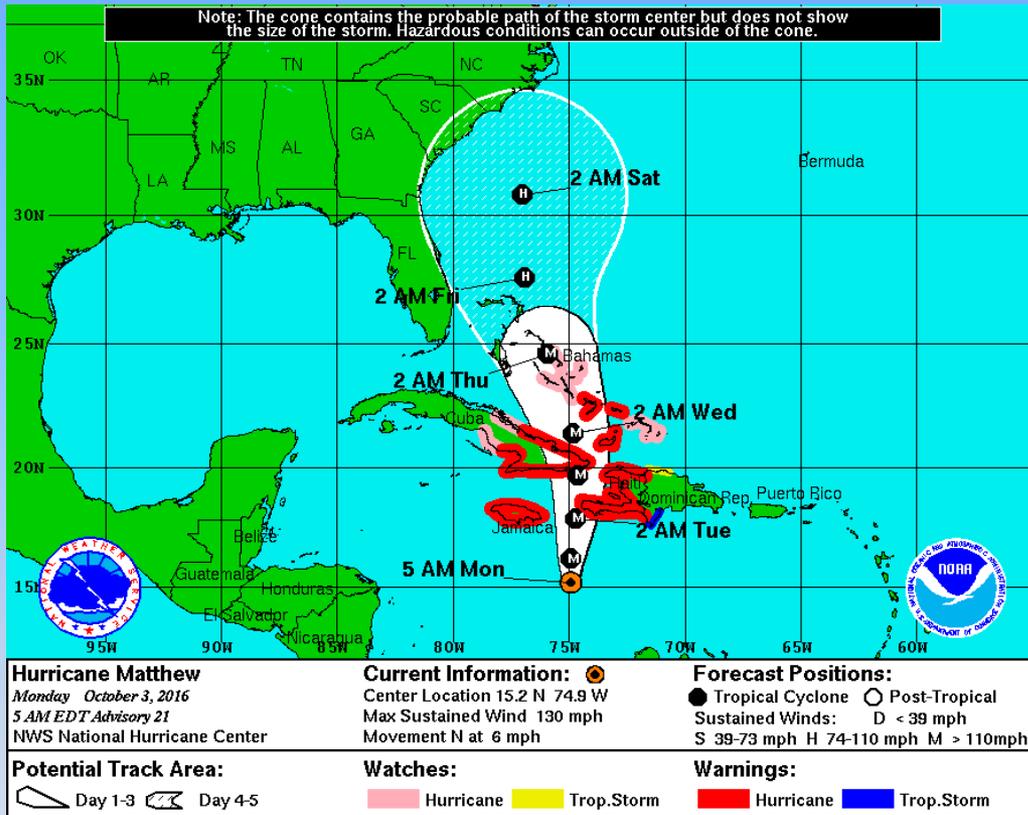
Formation chance through 48 hours...medium...40%

Formation chance through 5 days...medium...40%



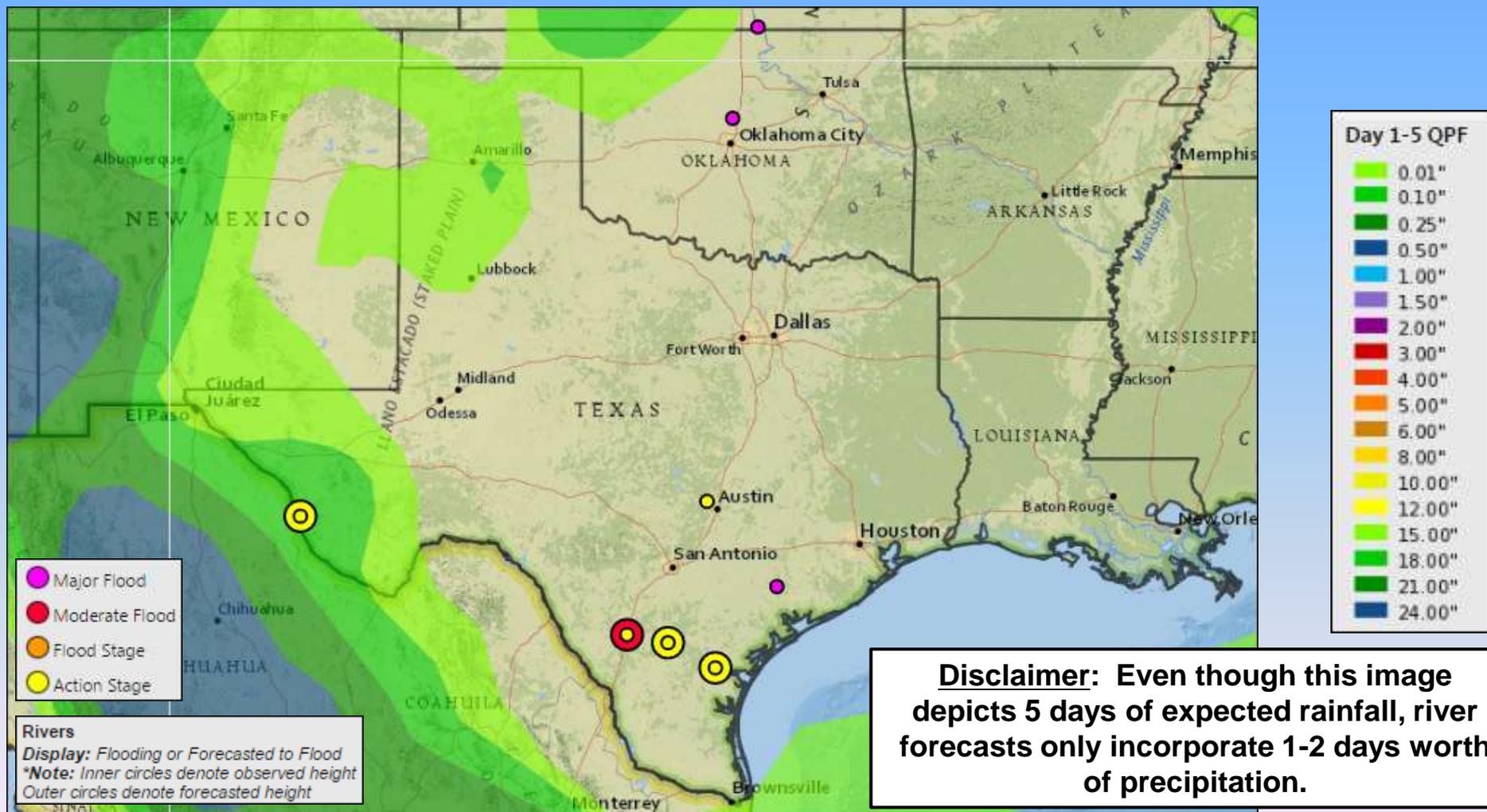
Hurricane Matthew

- Current position: 230 miles SSE of Kingston, Jamaica
- Current Movement: North at 6mph
- Current strength: 130mph (Cat 4)
- Once Matthew moves near the SE Bahamas on Wednesday, it is forecast to turn NNW
- Matthew is expected to remain a powerful hurricane throughout much of the forecast period



5-Day Precipitation Forecast & River Flood Status

The Nueces River at Cotulla continues to rise and expected to reach moderate flood stage today into Tuesday; Impacts are primarily to livestock and secondary roads and bridges.



For the latest on river flooding: <http://water.weather.gov/ahps>

FEMA JFO Baton Rouge, LA



New Orleans/Baton Rouge

A Warming trend continues through Wednesday

Today



Partly Cloudy

Rain Chance:
0%

Highs:
84 to 87

Tonight



Mostly Clear

Rain Chance:
0%

Lows:
60 to 65 North
68 to 73 South

Tuesday



Partly Cloudy

Rain Chance:
10-20%

Highs:
85 to 89

**Tuesday
Night**



Partly Cloudy

Rain Chance:
5 to 10%

Lows:
66 to 72 North
72 to 76 South

Wednesday



Mostly Cloudy

Rain Chance:
10-20%

Highs:
86 to 88



weather.gov/NewOrleans



NWSNewOrleans



@NWSNewOrleans

10/3/2016
4:20 AM Central

See <http://www.srh.noaa.gov/lix> for the latest local forecast for Baton Rouge, LA

*FEMA Region 6 Threat Matrix

Oct 3, 2016 - Oct 7, 2016

	MON	TUE	WED	THU	FRI
Severe Weather	TX/OK Panhandles	W-Central OK W half of OK	NE OK	N-Central OK	
Heavy Rain / Flash Flooding					
Tropical					
Heat					
River Flooding	Portions of the Nueces River in S 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.

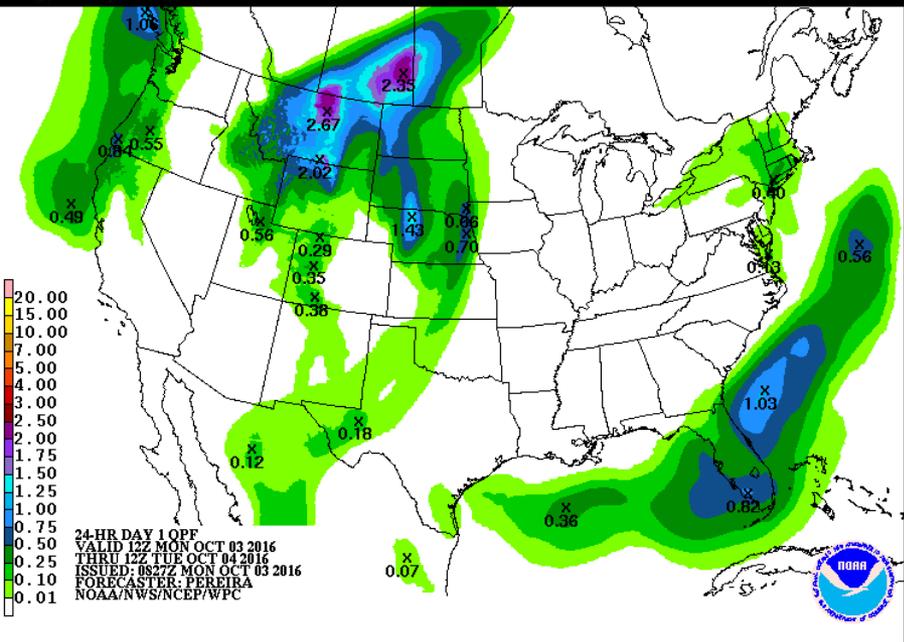


Today's Weather

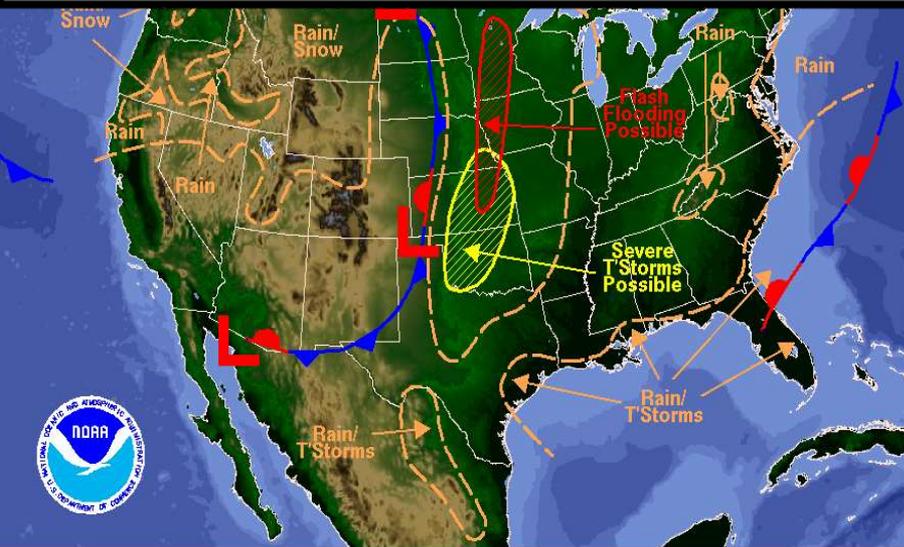


Weather Forecast for Mon, Oct 03, 2016, issued 4:46 AM EDT
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by McReynolds based on WPC, SPC and NHC forecasts

A few strong storms possible over the TX/OK Panhandles this afternoon into the overnight hours; gusty winds and hail are the main threats.



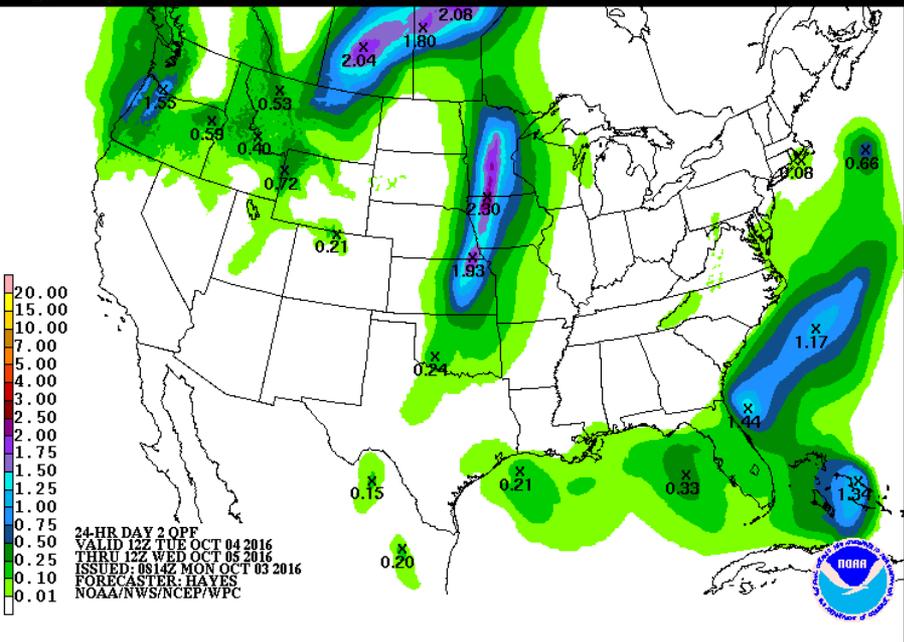
Tomorrow's Weather



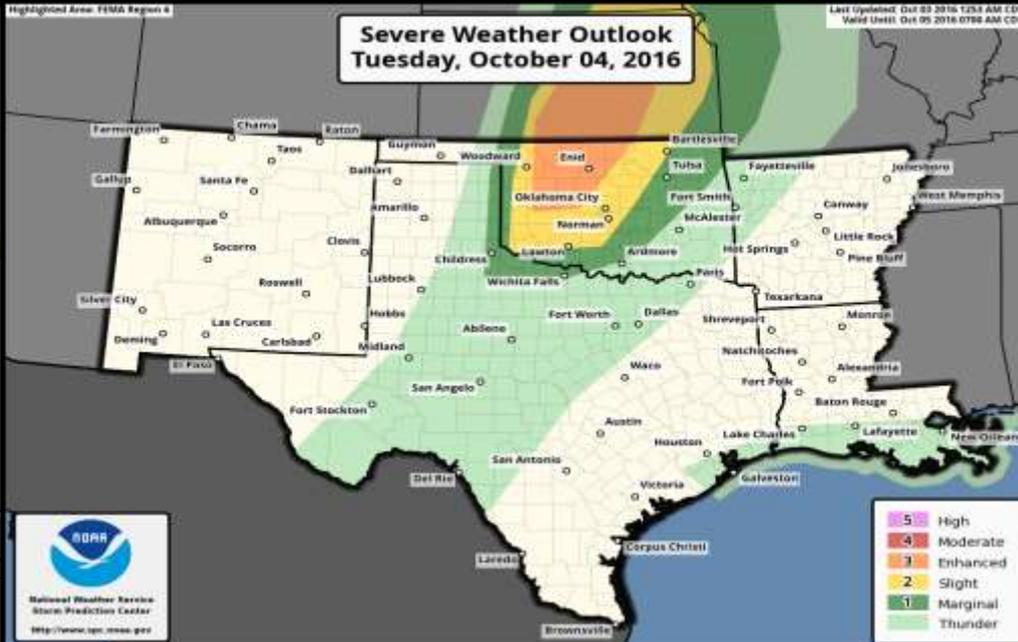
Weather Forecast for Tue, Oct 04, 2016, issued 4:49 AM EDT Mon, Oct 03, 2016
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by McCreynolds based on WPC, SPC and NHC forecasts

Enhanced risk of severe storms for W-Central OK Tuesday afternoon and evening.

Slight risk of severe storms for the western half of OK Tuesday afternoon and evening.



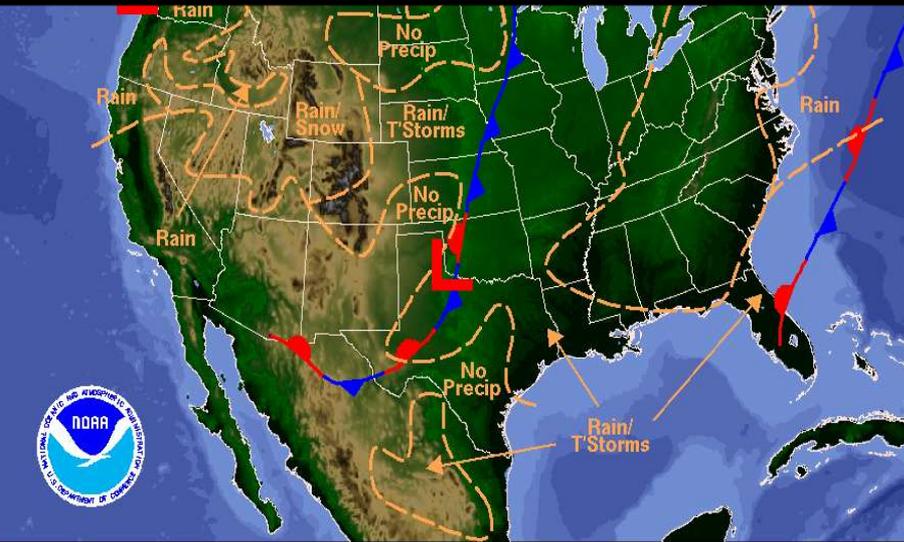
24-HR DAY 2 QPF
 VALID 12Z TUE OCT 04 2016
 THRU 12Z WED OCT 05 2016
 ISSUED: 0814Z MON OCT 03 2016
 FORECASTER: HAYES
 NOAA/NWS/NCEP/WPC



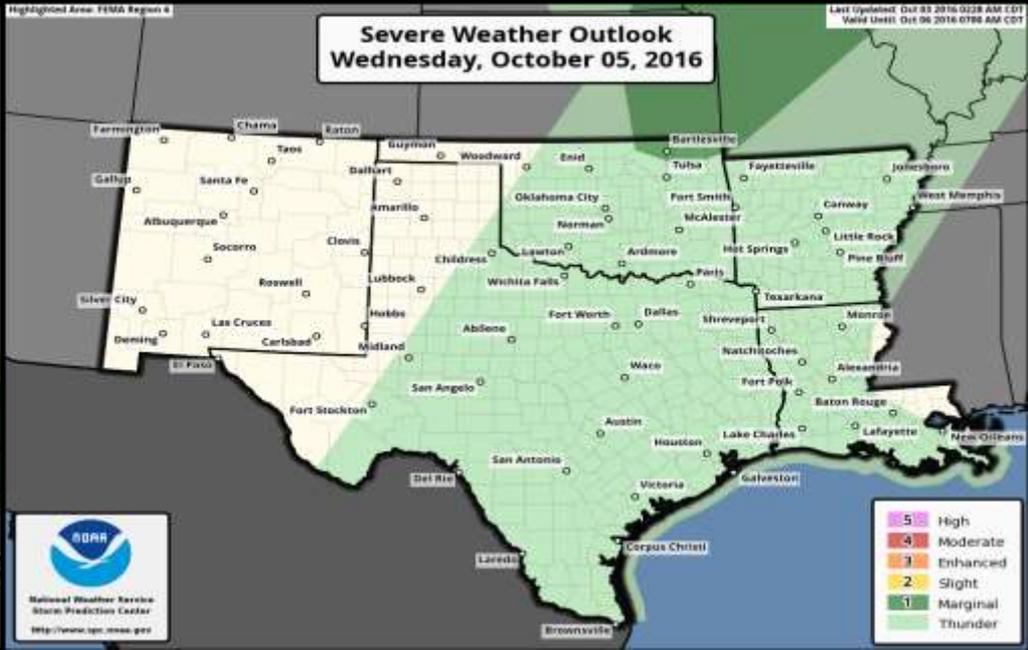
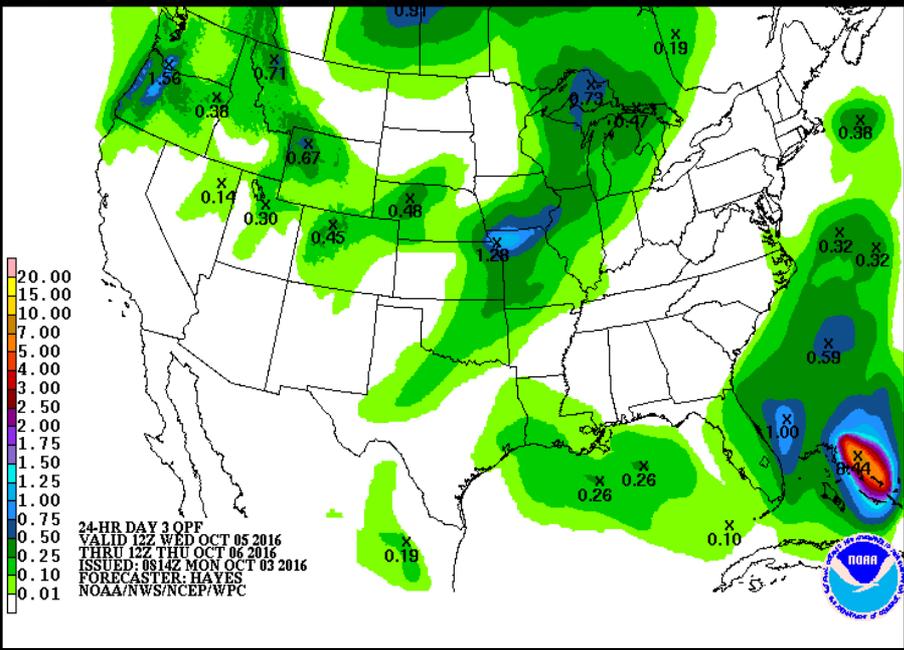
- 5 High
- 4 Moderate
- 3 Enhanced
- 2 Slight
- 1 Marginal
- Thunder

Wednesday's Weather

A few strong storms possible over NE OK.



Weather Forecast for Wed, Oct 05, 2016, issued 4:54 AM EDT Mon, Oct 03, 2016
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by McReynolds based on WPC, SPC and NHC forecasts

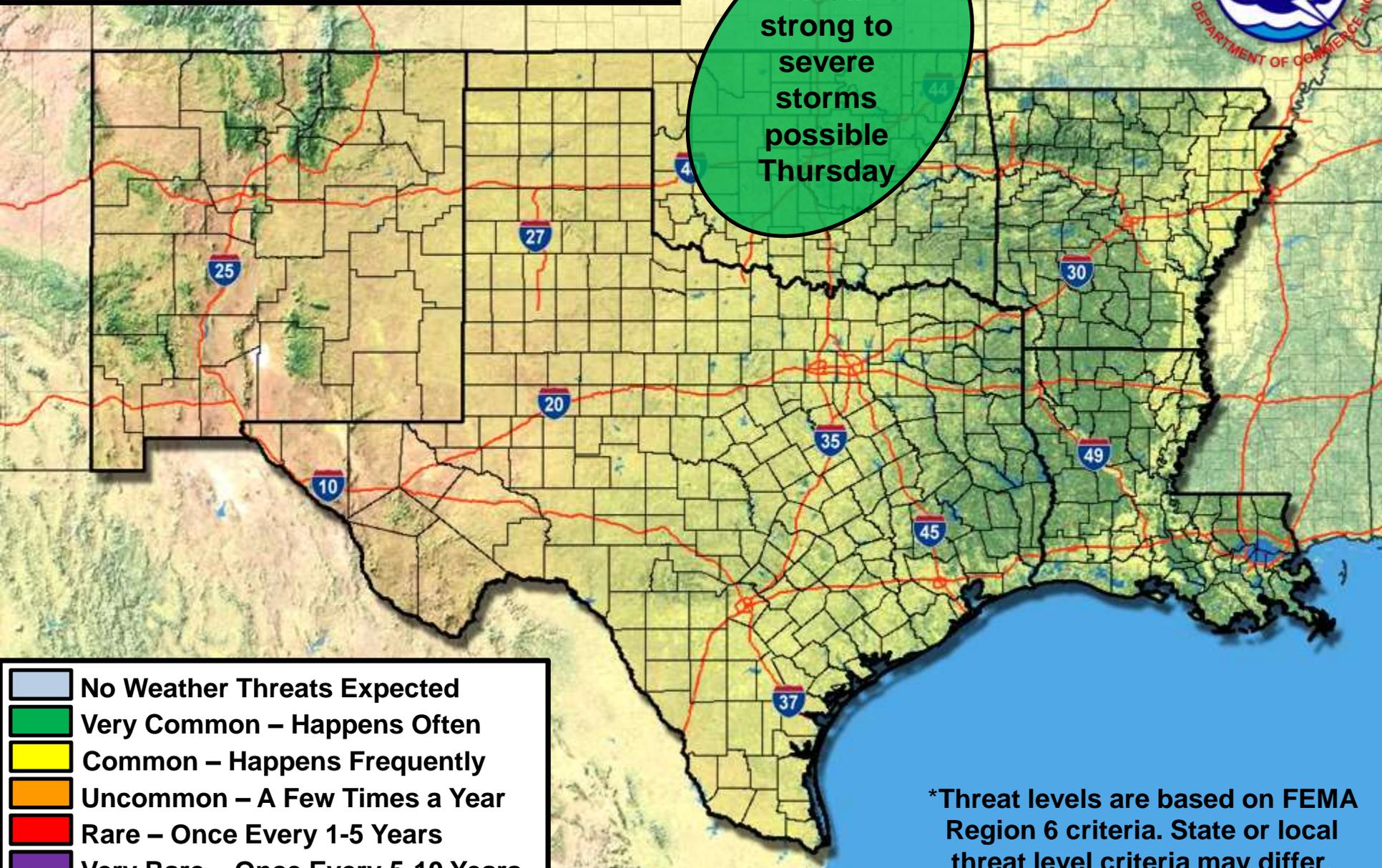


Day 4-5 Weather Hazards

Valid: 0800 Thu - 0800 Sat



A few strong to severe storms possible Thursday



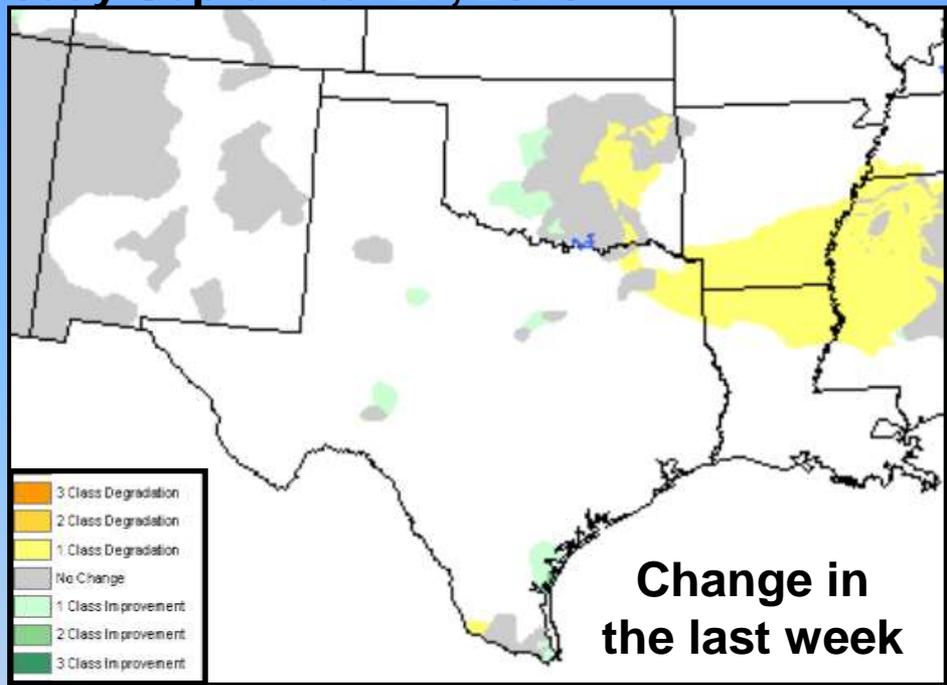
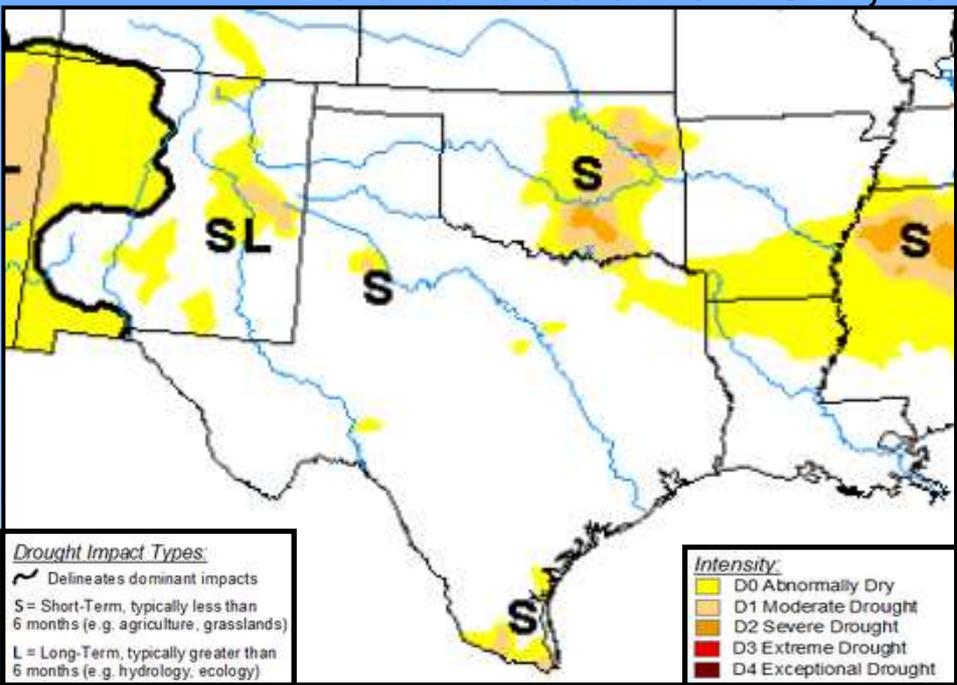
- No Weather Threats Expected
- Very Common – Happens Often
- Common – Happens Frequently
- Uncommon – A Few Times a Year
- Rare – Once Every 1-5 Years
- Very Rare – Once Every 5-10 Years

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



Drought Monitor Released September 29, 2016

Data valid as of 7am CDT, Tuesday September 27, 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%	0.97%
Texas	0.00%	0.00%	0.00%	6.27%
Arkansas	0.00%	0.00%	0.00%	4.64%
Louisiana	0.00%	0.00%	0.00%	15.22%
New Mexico	0.00%	0.00%	0.00%	0.00%

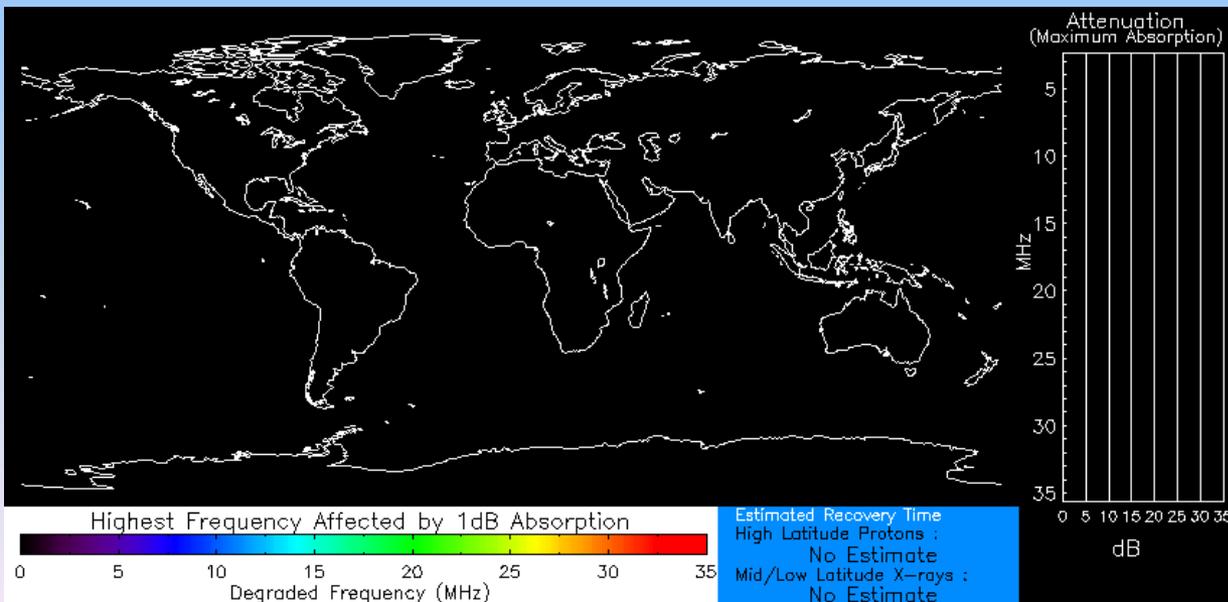
Space Weather 3-Day Forecast



	Monday	Tuesday	Wednesday
Geomagnetic Storms	Quiet to Active (Max Kp = 4)	Quiet to Active (Max Kp = 4)	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 : 2016-10-03 11:36 UTC

Normal Proton Background
NOAA/SWPC Boulder, CO USA

2016-10-03 10:52:00 UTC

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

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

facebook

<https://www.facebook.com/NWSSouthern> (**NEW link!!**)

twitter

@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</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"> 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	<p>Somewhat Common – Happens Frequently</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"> 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</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"> 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</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"> 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</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"> 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