



# 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

Tuesday, October 04, 2016

Issued: 0800 CT

***Day 1 Hazards:*** Severe storms possible over N-central OK this afternoon into the overnight hours; damaging winds, large hail and isolated tornadoes possible.

***The Nueces River at Cotulla continues in moderate flood stage.***

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 is expected to remain in moderate flood stage through Wednesday; mostly agricultural impacts are expected
- Enhanced Risk of severe storms over N-Central OK; large hail, damaging winds and isolated tornadoes are possible
- Slight risk of severe storms over W & N OK; hail and damaging winds are the main threats

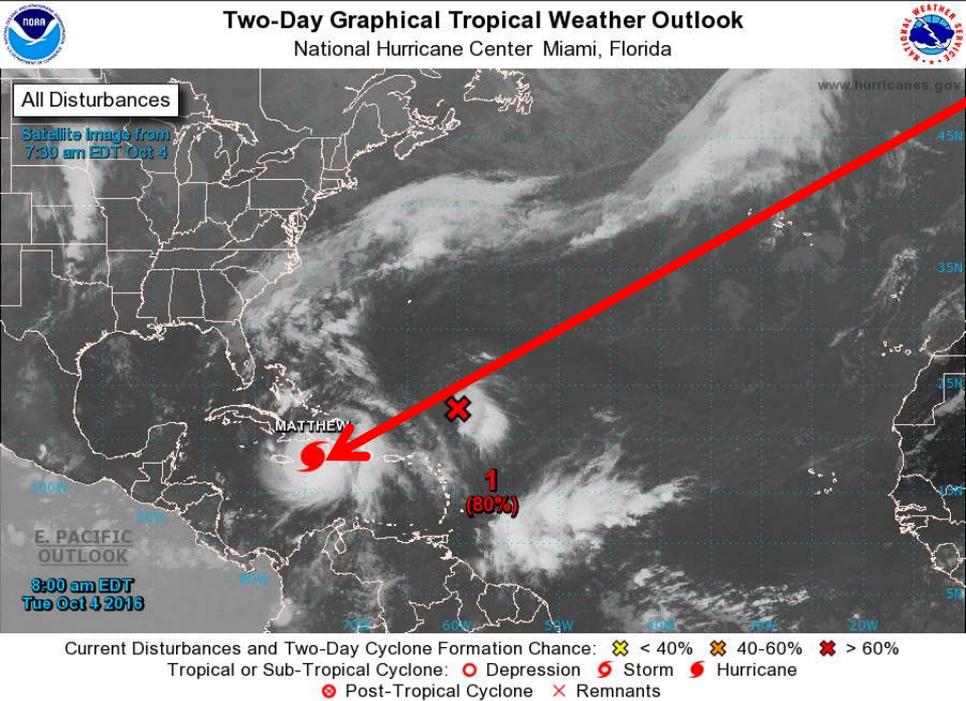
## Wednesday - Saturday

- Thunderstorms possible across central and northern portions of the Region on Wednesday, but widespread severe weather is not expected
- Slight risk of severe storms Thursday over N-Central OK
- No significant weather expected Friday/Saturday

## Tropical Outlook

- Hurricane Matthew is located about 10 miles E of Tiberon, Haiti
  - Currently a Category 4 storm with maximum sustained winds of 145mph; forecast to continue moving N and near eastern Cuba later today
- A low pressure area is located about 500 miles NE of Puerto Rico; This system could become sufficiently organized to result in the formation of a tropical storm later today. The low is expected to move generally NW at 10-15mph over the next few days, and upper level winds are forecast to become less conducive for development.
  - Formation chance through 48 hours...high...80%
  - Formation chance through 5 days...high...80%

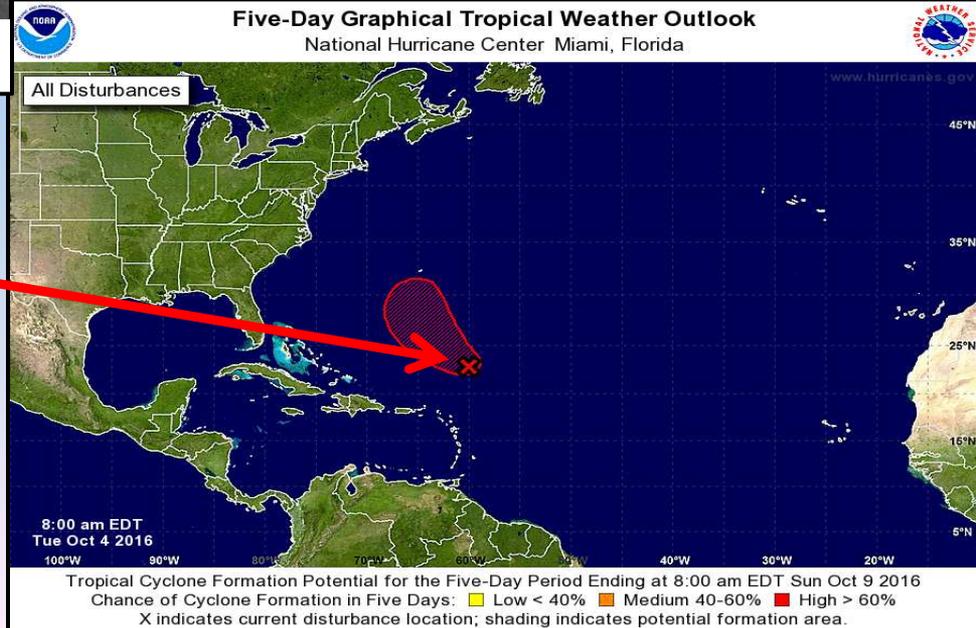
# Tropical Weather Outlook



**More information for Hurricane Matthew on the next slide.**

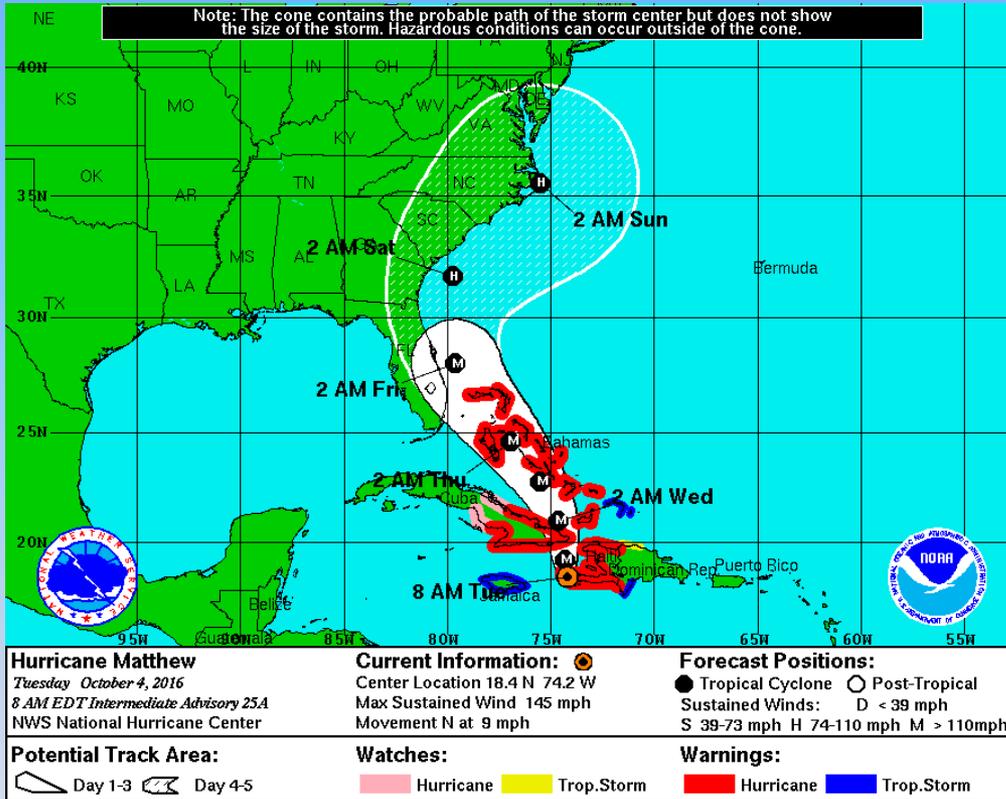
**A low pressure area is located about 500 miles NE of Puerto Rico. This system could become sufficiently well organized to result in the formation of a tropical storm later today. The low is expected to move generally NW at 10-15mph over the next few days, and upper level winds are forecast to become less conducive for development.**

**Formation chance through 48 hours...high...80%**  
**Formation chance through 5 days...high...80%**



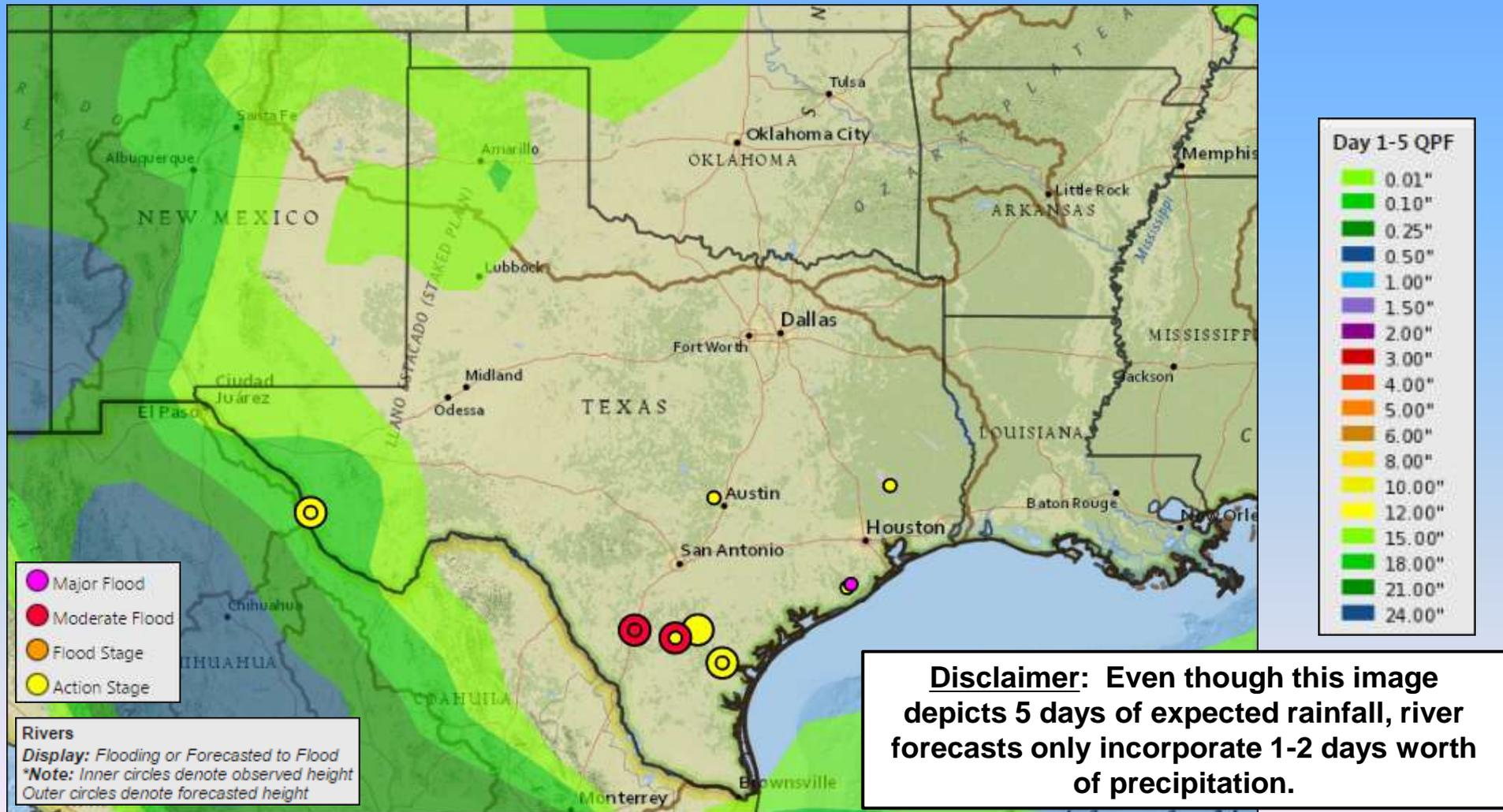
# Hurricane Matthew

- Current position: 10 miles E of Tiberon, Haiti
- Current Movement: North at 9 mph
- Current strength: 145mph (Cat 4)
- Matthew is forecast to move near eastern Cuba later today...and approach the NW Bahamas Wednesday night
- 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 is expected to remain in moderate flood stage today into Wednesday; 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*

**Mild conditions with Isolated Afternoon Storms through Thursday**

**Today**



Partly Cloudy

Rain Chance:  
10%

**Highs:**  
85 to 89

**Tonight**



Partly Cloudy

Rain Chance:  
5%

**Lows:**  
66 to 72 North  
72 to 76 South

**Wednesday**



Mostly Cloudy

Rain Chance:  
10%

**Highs:**  
86 to 88

**Wednesday  
Night**



Partly Cloudy

Rain Chance:  
5%

**Lows:**  
64 to 69 North  
70 to 74 South

**Thursday**



Partly Cloudy

Rain Chance:  
10%

**Highs:**  
85 to 88



weather.gov/NewOrleans



NWSNewOrleans



@NWSNewOrleans

10/4/2016  
4:27 AM Central

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

# \*FEMA Region 6 Threat Matrix

Oct 4, 2016 - Oct 8, 2016

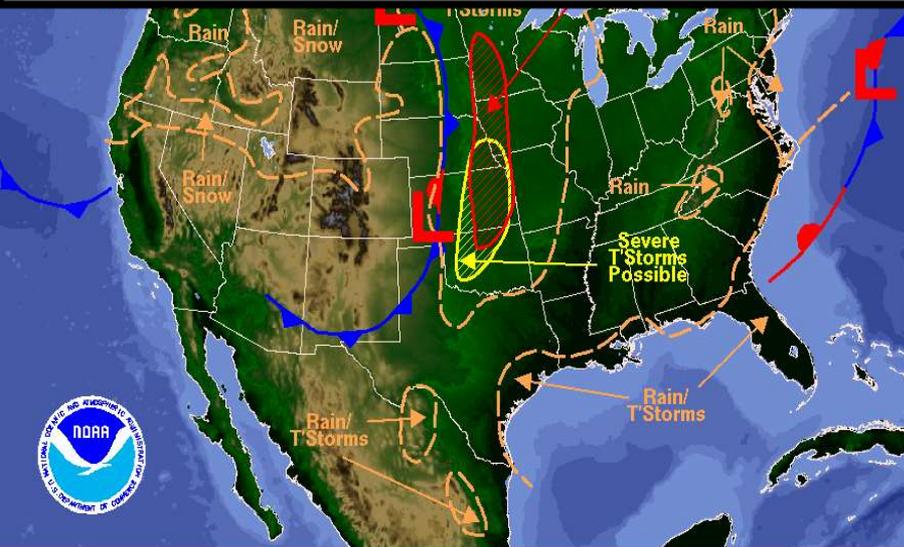
	TUE	WED	THU	FRI	SAT
Severe Weather	N-Central OK		N-Central OK		
	W & N OK		NW & N OK		
Heavy Rain / Flash Flooding					
Tropical					
Heat					
River Flooding	Portions of the Nueces River in S TX	Portions of the Nueces River in S TX			

- 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.*



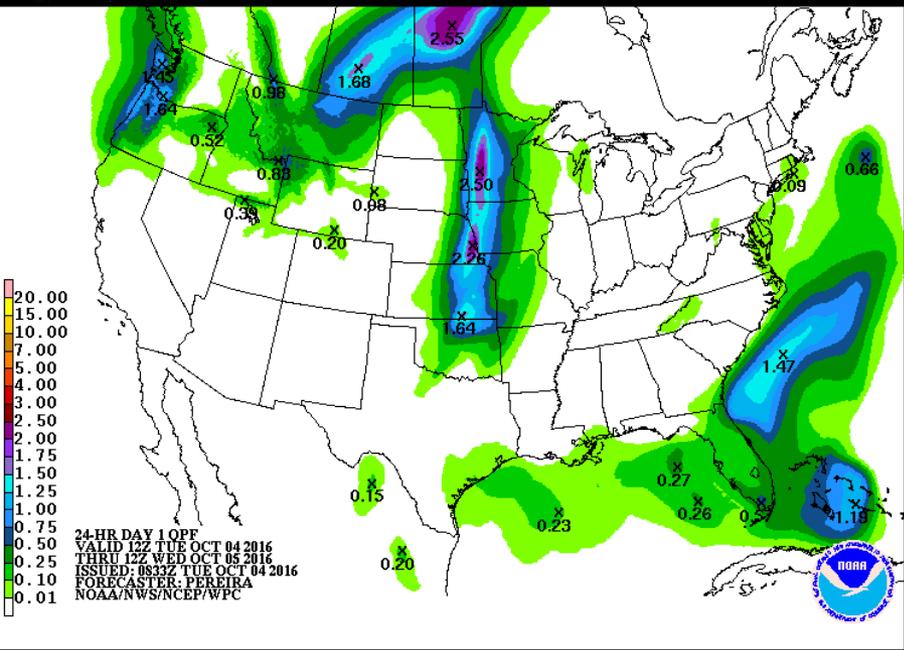
# Today's Weather



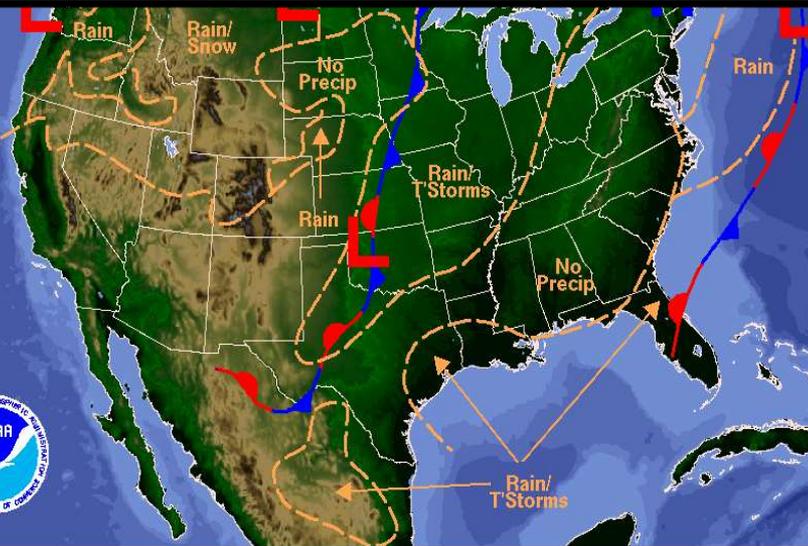
**Enhanced risk of severe storms for N-Central OK this afternoon and evening; damaging winds, large hail and isolated tornadoes possible.**

**Slight risk of severe storms for western & northern OK this afternoon and evening damaging winds and hail are the main threats.**

Weather Forecast for Tue, Oct 04, 2016, issued 4:40 AM EDT  
 DOC/NOAA/NWS/NCEP/Weather Prediction Center  
 Prepared by McCreynolds based on WPC, SPC and NHC forecasts

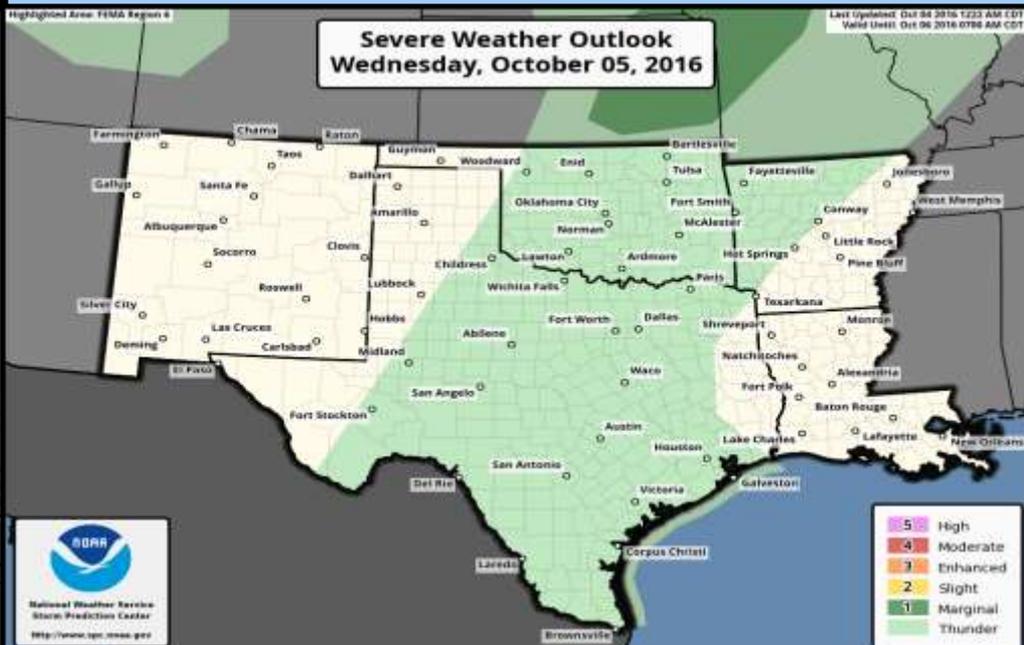
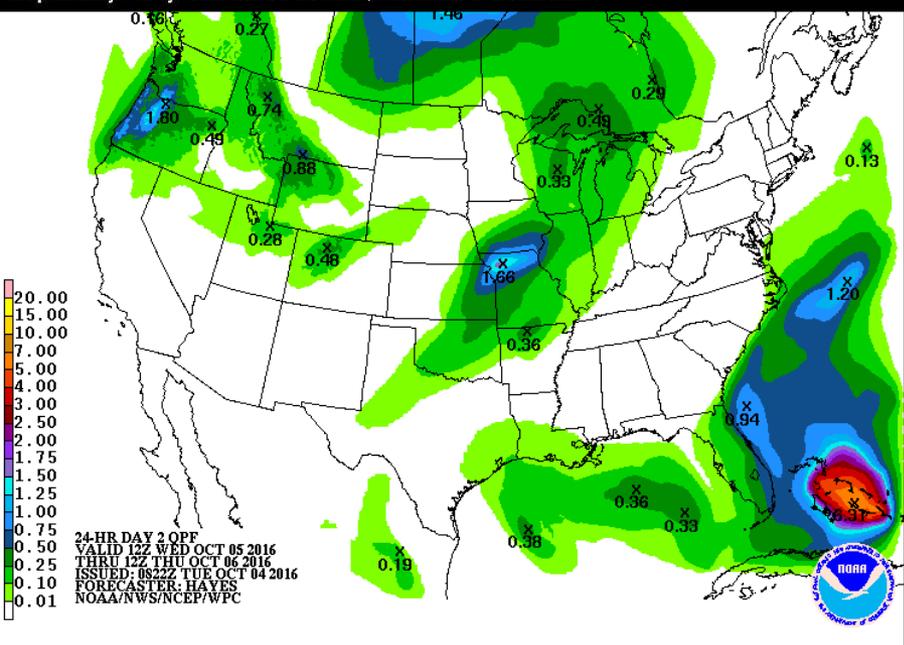


# Tomorrow's Weather

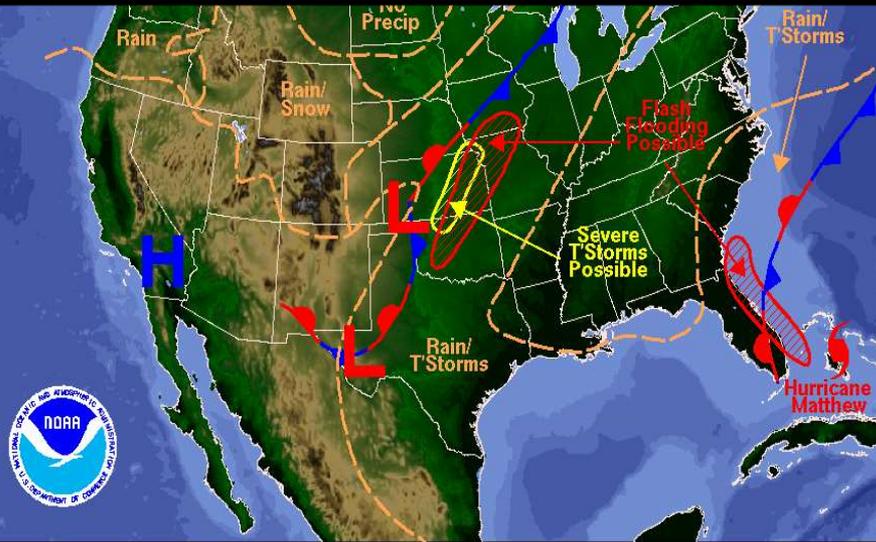


**Thunderstorms possible over central and northern portions of the Region, but widespread severe weather is not expected.**

Weather Forecast for Wed, Oct 05, 2016, issued 4:43 AM EDT Tue, Oct 04, 2016  
 DOC/NOAA/NWS/NCEP/Weather Prediction Center  
 Prepared by McCreynolds based on WPC, SPC and NHC forecasts



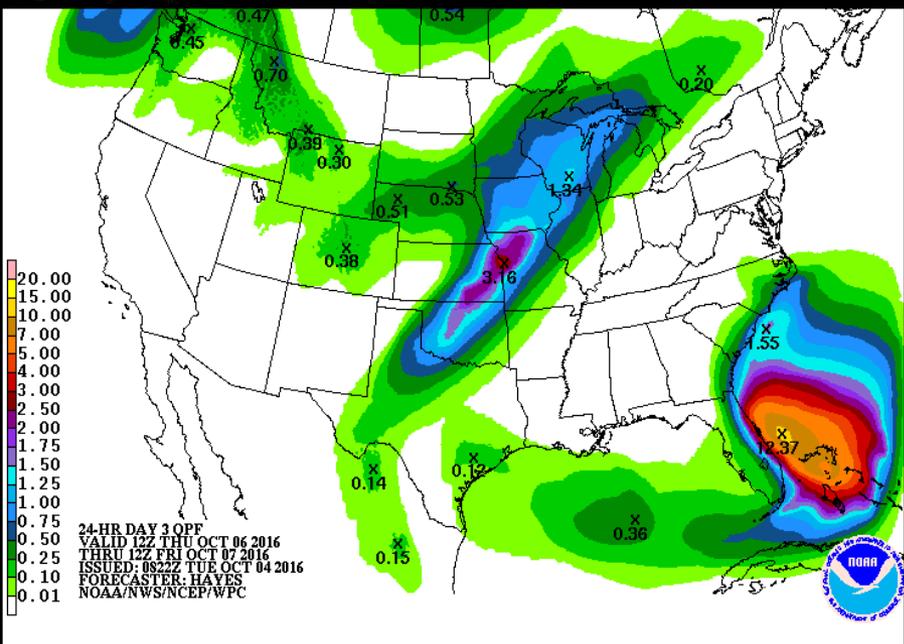
# Thursday's Weather



Weather Forecast for Thu, Oct 06, 2016, issued 4:47 AM EDT Tue, Oct 04, 2016  
 DOC/NOAA/NWS/NCEP/Weather Prediction Center  
 Prepared by McReynolds based on WPC, SPC and NHC forecasts

**Slight risk of severe storms over N-Central portions of OK.**

**Strong storms possible across NW and N portions of OK.**



# Day 4-5 Weather Hazards

Valid: 0800 Fri - 0800 Sun



**No significant weather expected**

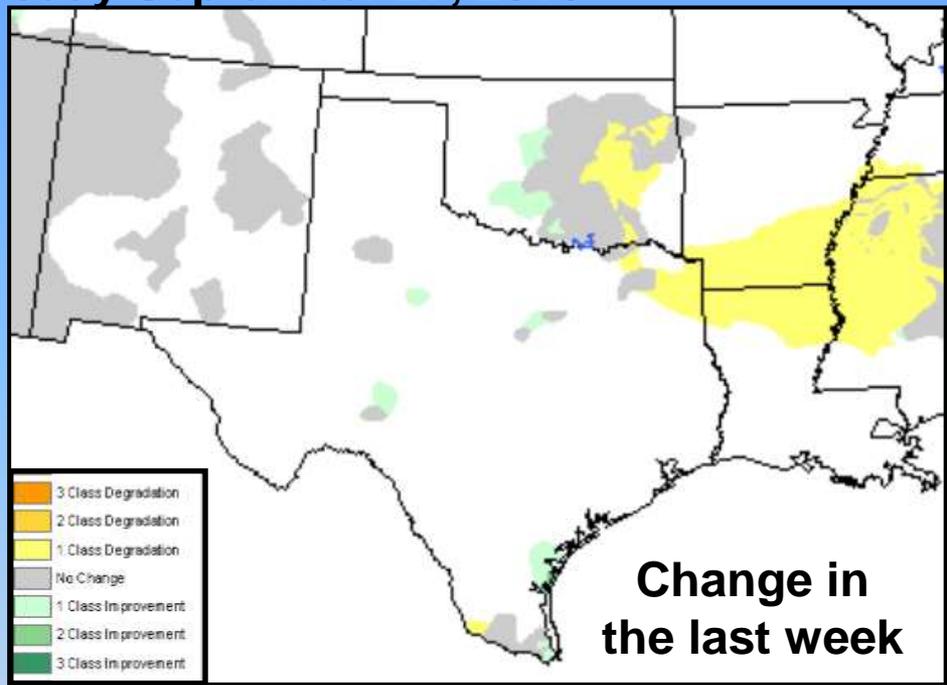
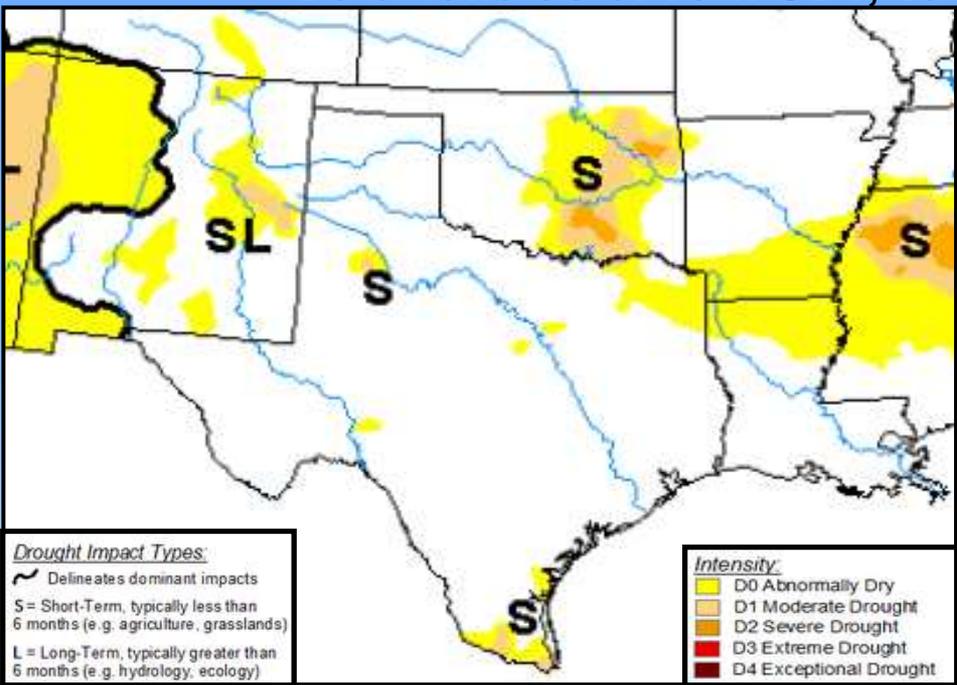
-  No Weather Threats Expected
-  Very Common – Happens Often
-  Common – Happens Frequently
-  Uncommon – A Few Times a Year
-  Rare – Once Every 1-5 Years
-  Very Rare – Once Every 5-10 Years

\*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%

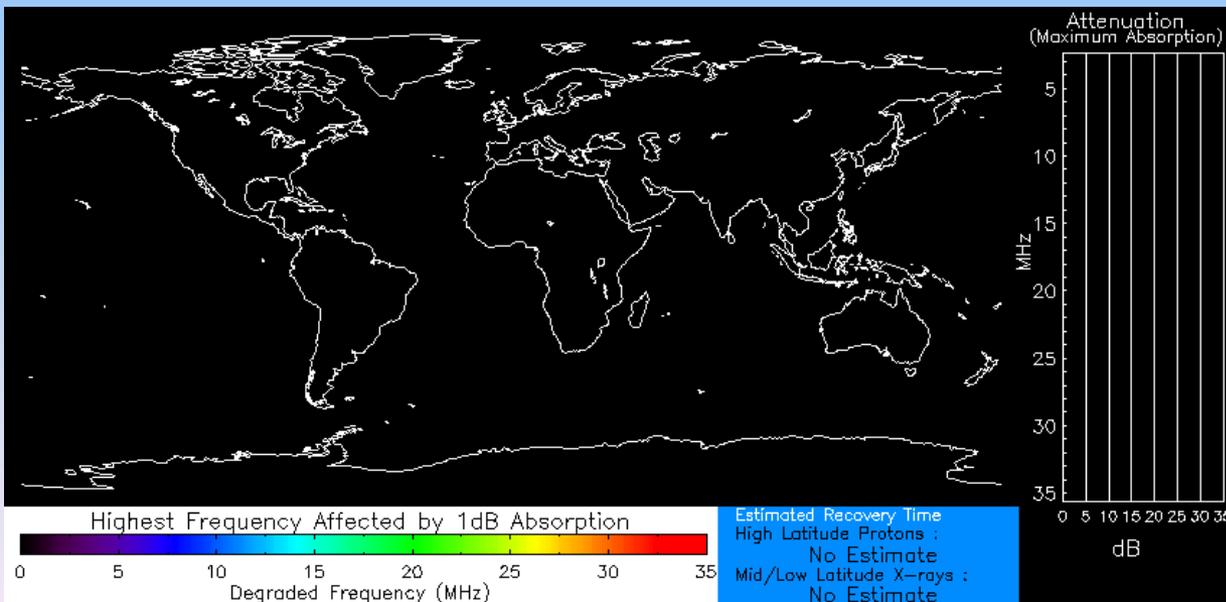
# Space Weather 3-Day Forecast



	Tuesday	Wednesday	Thursday
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 : 2016-10-04 11:07 UTC

Normal Proton Background  
 NOAA/SWPC Boulder, CO USA

2016-10-04 10:28:00 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](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 <a href="#">seabreeze</a> 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>