



# 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

Thursday, October 20, 2016

Issued: 0800 CT

**Day 1 Severe Weather Hazards: Isolated severe storms with damaging winds/hail possible over northeast Louisiana.**

National Weather Service

Southern Region Headquarters  
Regional Operations Center  
Fort Worth, TX



Prepared by: **Brian Hoeth**  
817-978-1100 x 147

# Key Points



## Today

- Cold front continues to work southeastward through Arkansas, Louisiana, and Texas with showers and thunderstorms
  - Severe weather/flooding not anticipated

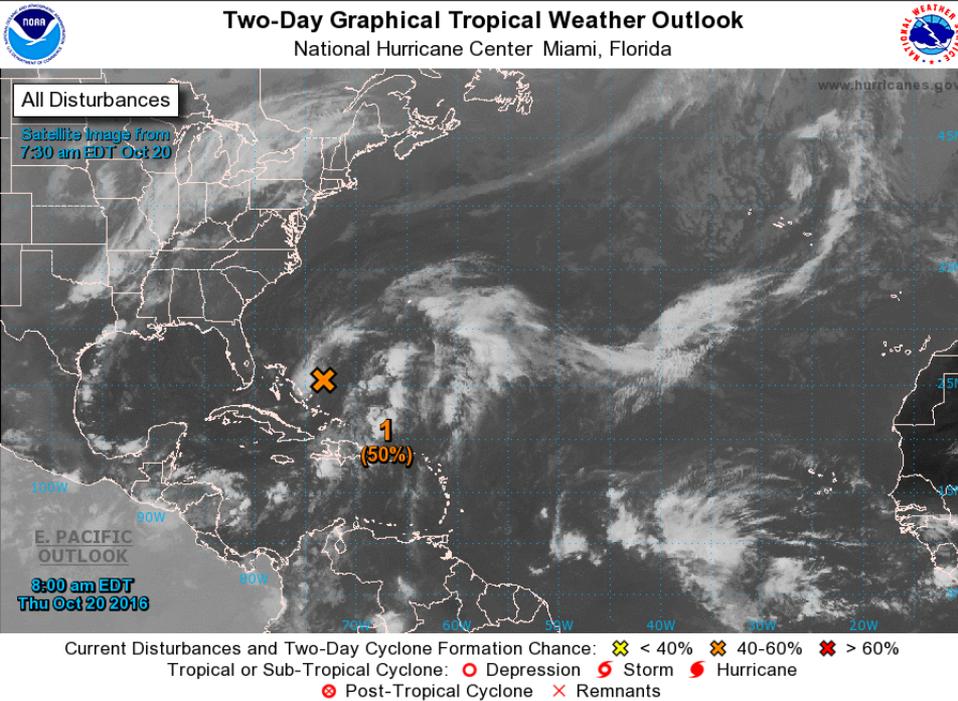
## Friday-Monday

- No weather threats expected

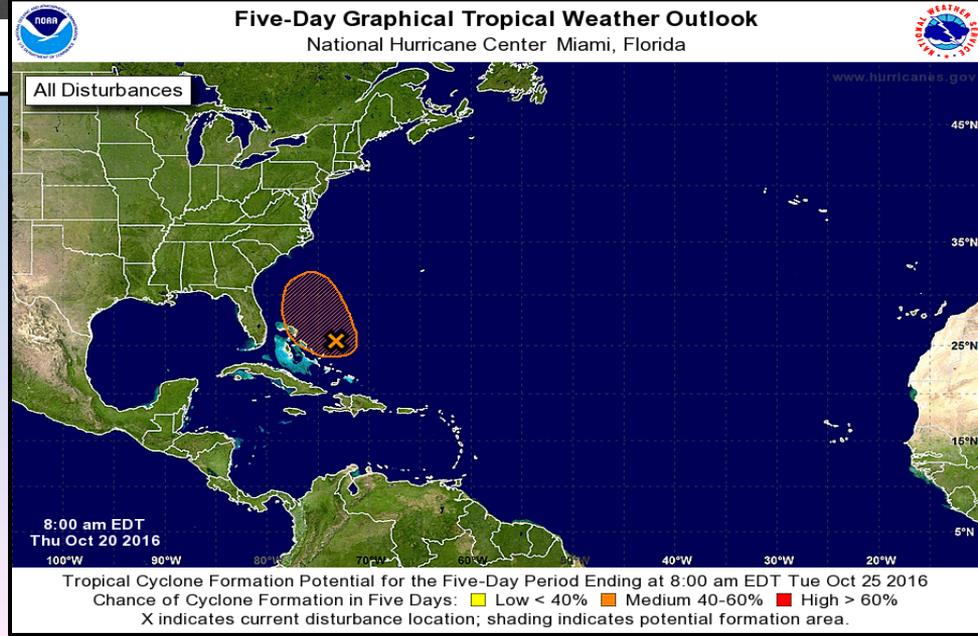
## Tropical Outlook

- An area of low pressure near the Bahamas may develop into a tropical cyclone, but this system is not expected to impact FEMA Region 6
  - Tropical formation chances through 48 hours...50 percent
  - Tropical formation chances through 5 days...50 percent

# Tropical Weather Outlook



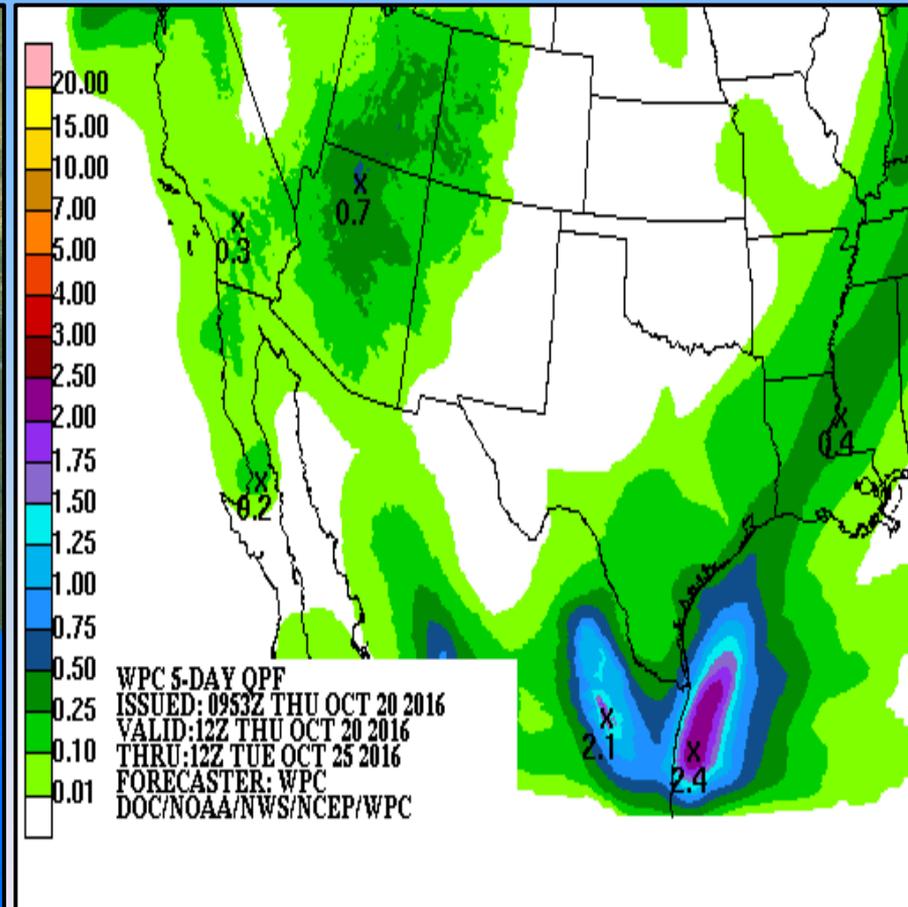
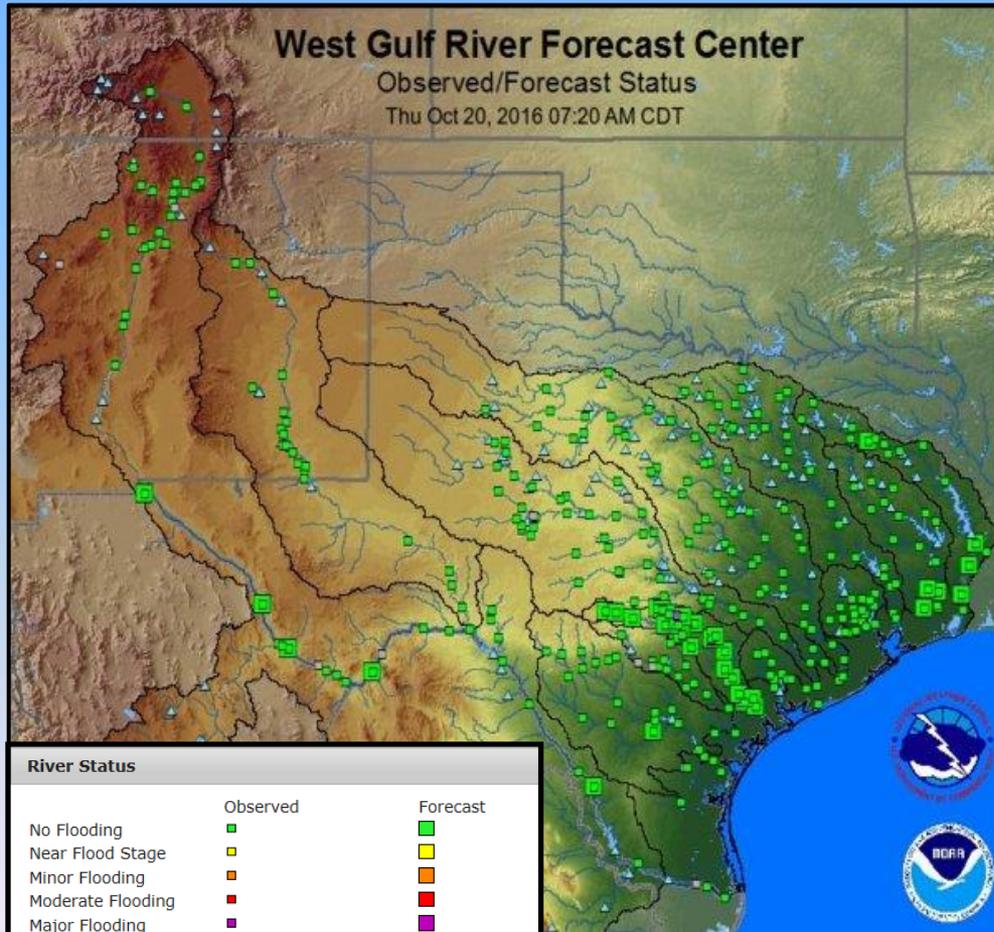
- An area of low pressure near the Bahamas may develop into a tropical cyclone, but this system is *not* expected to impact FEMA Region 6
  - Tropical formation chances through 48 hours...50 percent
  - Tropical formation chances through 5 days...50 percent



# 5-Day Precipitation Forecast & River Flood Status

There is currently no river flooding observed or forecast across the Region.

**Disclaimer:** Even though the rainfall forecast image depicts 5 days of expected rainfall, river forecasts only incorporate 1-2 days worth of precipitation.



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

# FEMA JFO Baton Rouge, LA



New Orleans/Baton Rouge

**Cold Front will move through late Today**

**Today**



Chance of  
Showers and  
Thunderstorms

Rain Chance:  
30-50% NW  
10-20% SE

**Highs:**  
83 to 88

**Tonight**



Mostly Cloudy  
and Cooler with  
Scattered  
Showers

Rain Chance:  
20-30%

**Lows:**  
55 to 60 North  
61 to 68 South

**Friday**



Sunny and  
Breezy

Rain Chance:  
0%

**Highs:**  
Mid 70s

**Friday Night**



Clear and Cool

Rain Chance:  
0%

**Lows:**  
44 to 50 North  
51 to 60 South

**Saturday**



Sunny and Cool

Rain Chance:  
0%

**Highs:**  
Mid 70s



weather.gov/NewOrleans



NWSNewOrleans



@NWSNewOrleans

10/20/2016  
5:50 AM Central

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

# \*FEMA Region 6 Threat Matrix

Oct 20, 2016 - Oct 24, 2016

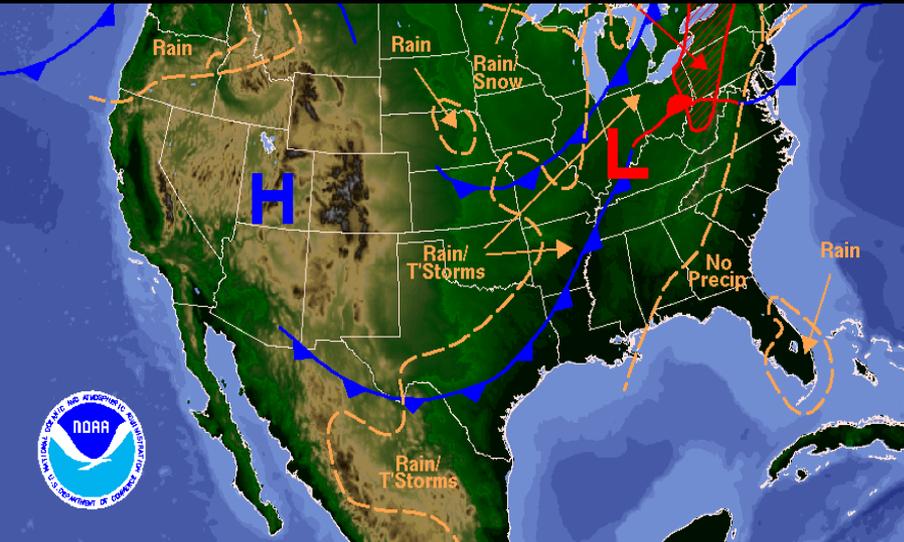
	THU	FRI	SAT	SUN	MON
Severe Weather	Northeast LA				
Heavy Rain / Flash Flooding					
Tropical					
Fire Weather					
River Flooding					

-  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.*

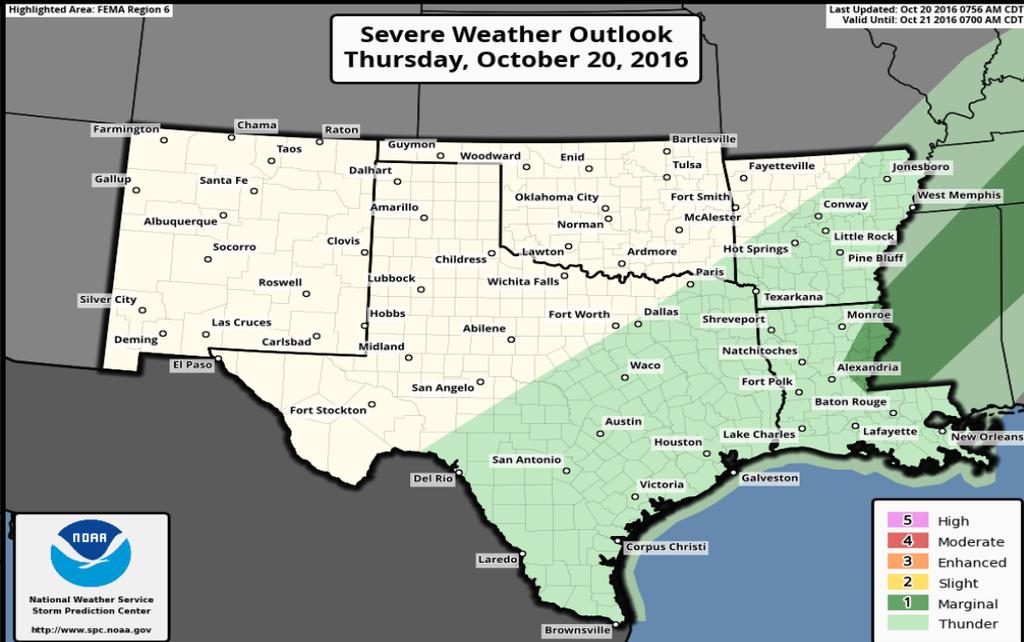
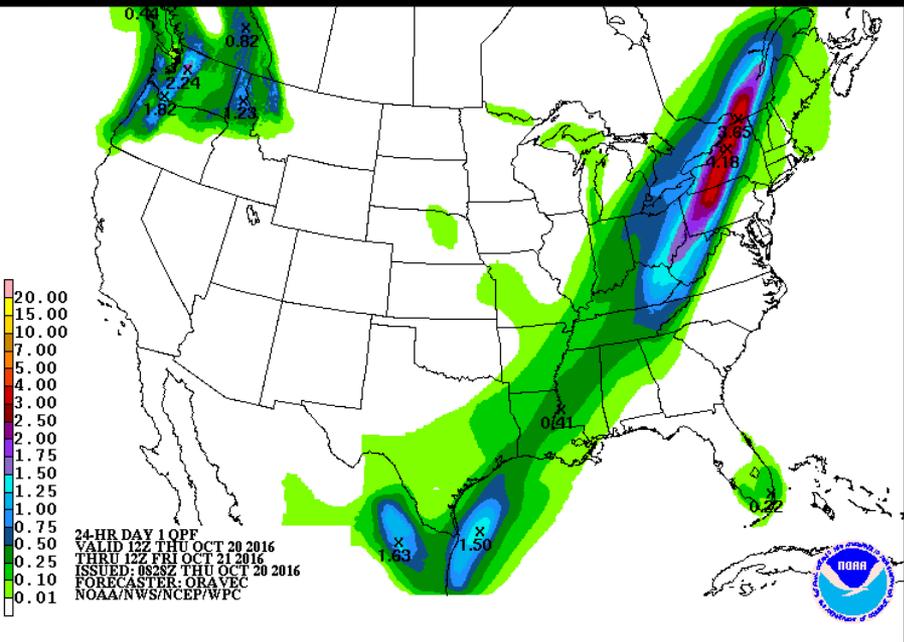


# Today's Weather



Weather Forecast for Thu, Oct 20, 2016, issued 4:44 AM EDT  
 DOC/NOAA/NWS/NCEP/Weather Prediction Center  
 Prepared by McCreynolds based on WPC, SPC and NHC forecasts

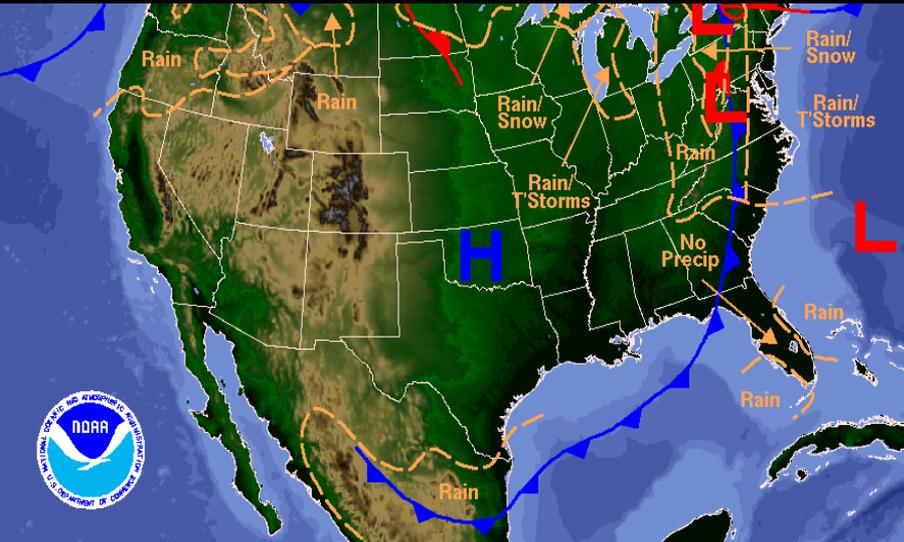
**Isolated severe storms with damaging winds/hail possible over northeast Louisiana.**



NOAA  
 National Weather Service  
 Storm Prediction Center  
<http://www.spc.noaa.gov>

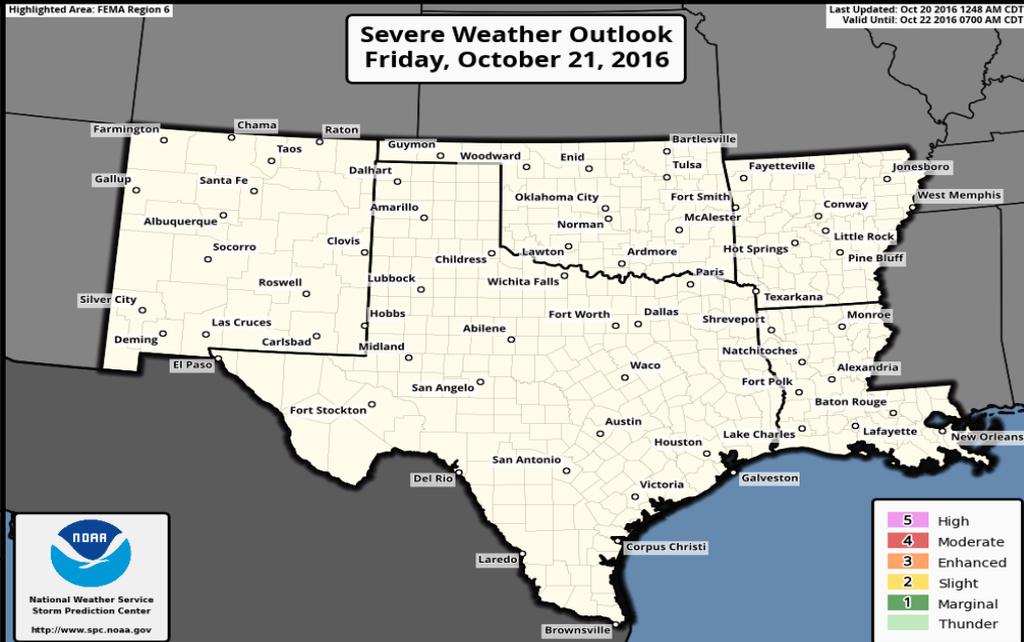
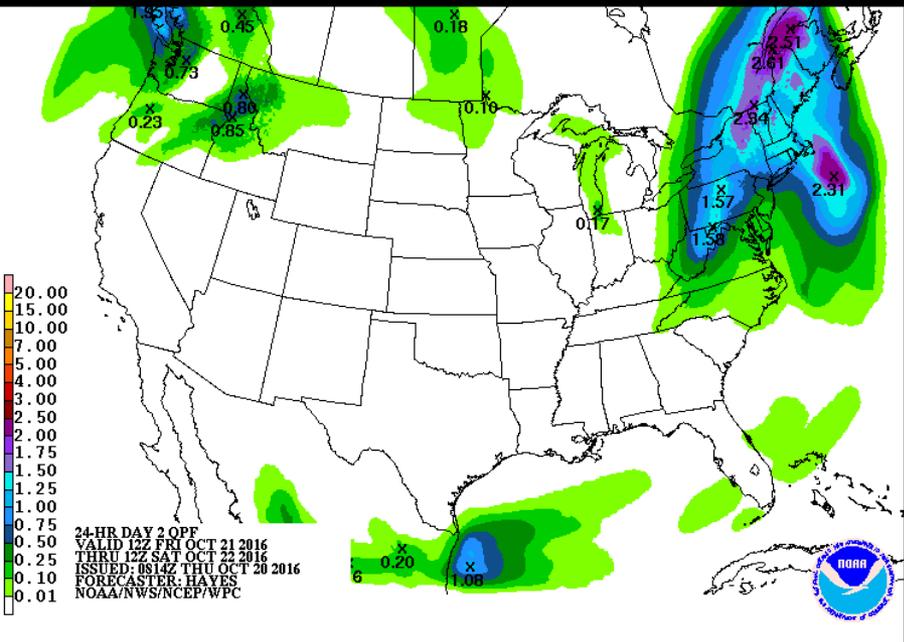
- 5 High
- 4 Moderate
- 3 Enhanced
- 2 Slight
- 1 Marginal
- Thunder

# Tomorrow's Weather

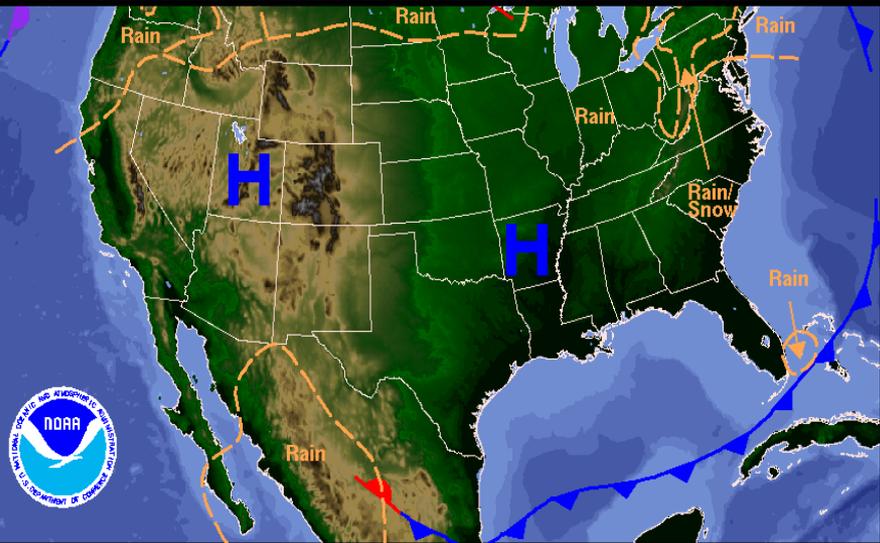


Weather Forecast for Fri, Oct 21, 2016, issued 5:05 AM EDT Thu, Oct 20, 2016  
 DOC/NOAA/NWS/NCEP/Weather Prediction Center  
 Prepared by McReynolds based on WPC, SPC and NHC forecasts

**No Weather Threats Expected**

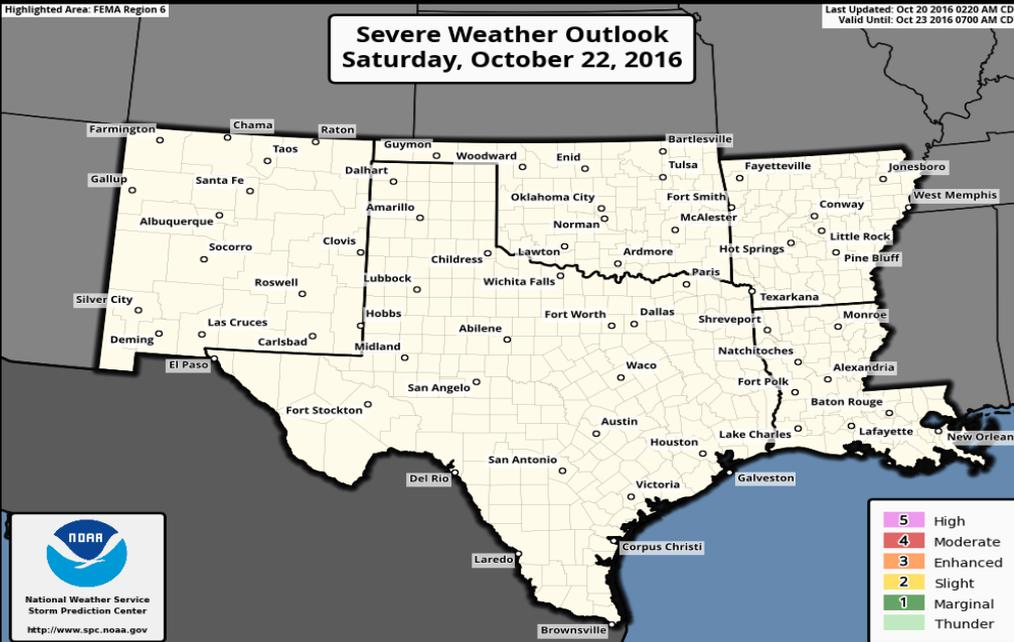
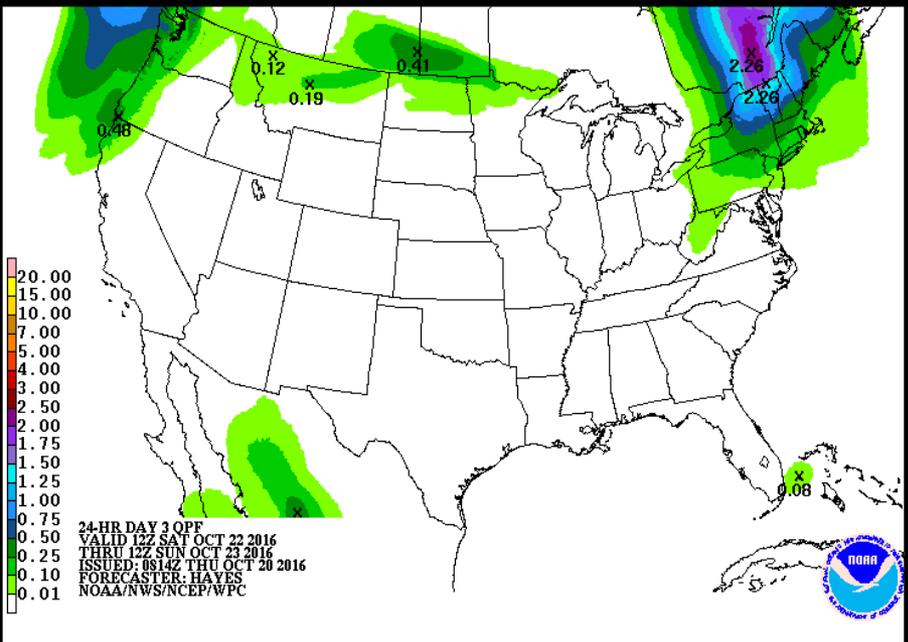


# Saturday's Weather



**No Weather Threats Expected**

Weather Forecast for Sat, Oct 22, 2016, issued 5:09 AM EDT Thu, Oct 20, 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 Sun - 0800 Tue



**No Weather Threats Expected**

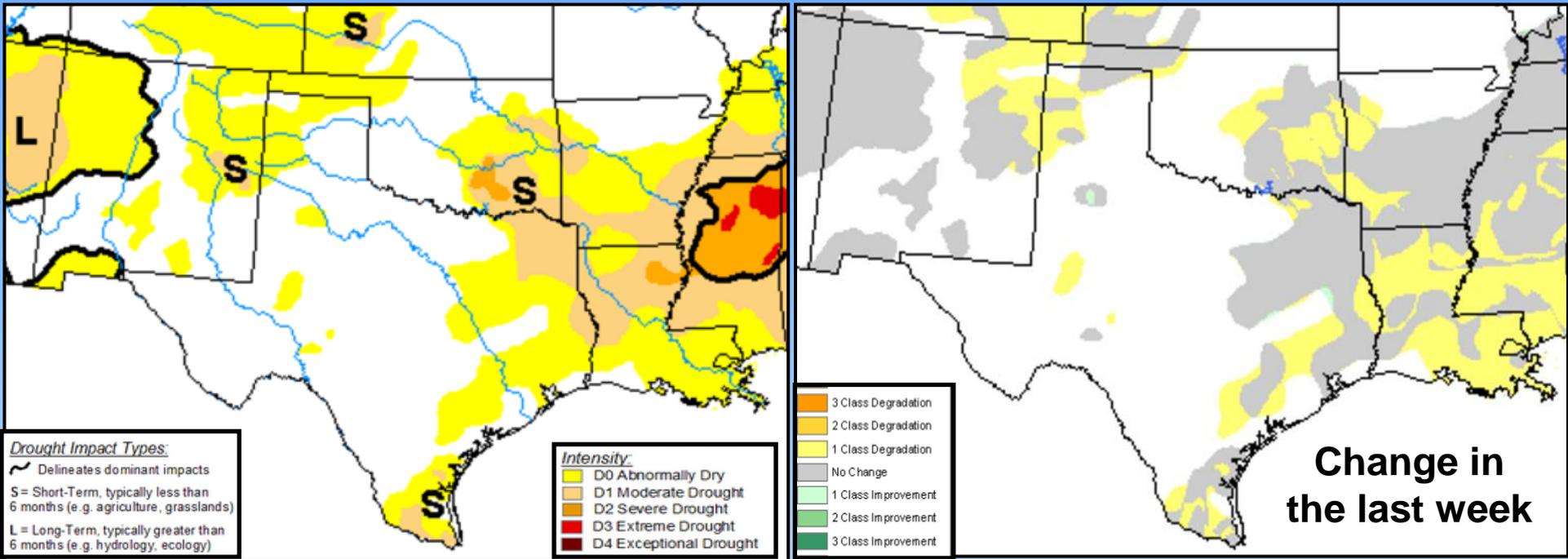
- No Weather Threats Expected
- Very Common – Happens Often
- Common – Happens Frequently
- Uncommon – A Few Times a Year
- Rare – Once Every 1-5 Years
- Very Rare – Once Every 5-10 Years

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



# Drought Monitor Released October 20, 2016

Data valid as of 7am CDT, Tuesday October 18, 2016



**Change in the last week**

## 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%	4.58%
Texas	0.00%	0.00%	0.00%	21.40%
Arkansas	0.00%	0.00%	0.00%	38.22%
Louisiana	0.00%	0.00%	0.00%	53.46%
New Mexico	0.00%	0.00%	0.00%	0.00%

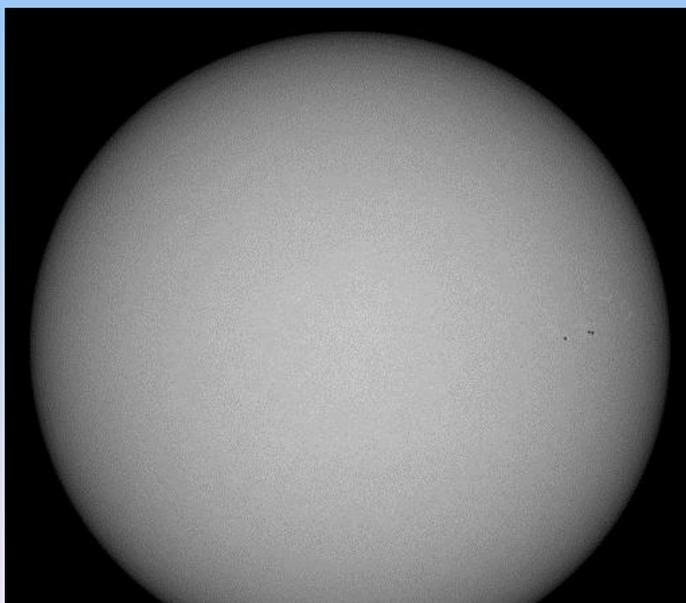
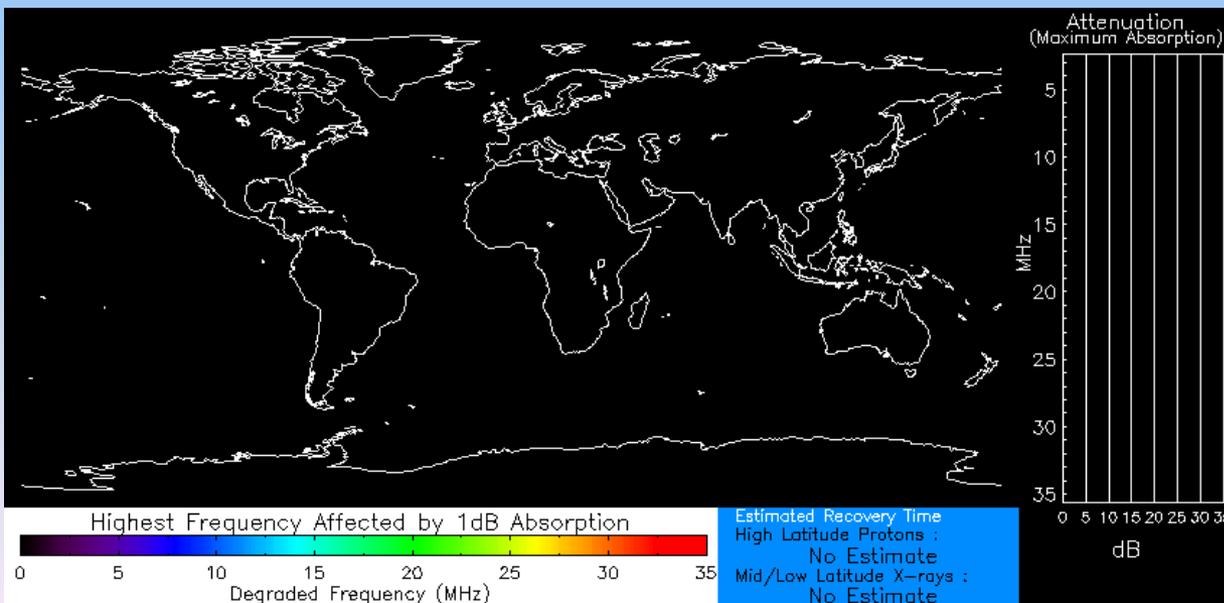
# Space Weather 3-Day Forecast



	Thursday	Friday	Saturday
Geomagnetic Storms	Quiet (Max Kp = 2)	Quiet to Unsettled (Max Kp = 3)	Unsettled to Active (Max Kp = 4)
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 : 2016-10-20 12:58 UTC

Normal Proton Background  
NOAA/SWPC Boulder, CO USA

2016-10-20 12:22:00 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.weather.gov/srh> (**NEW link!!**)

facebook

<https://www.facebook.com/NWSSouthern>

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</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"> <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 <u>seabreeze</u> 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</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"> <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</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"> <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</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"> <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</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"> <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>