



# 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

Wednesday, November 16, 2016

Issued: 0800 CT

***Day 1 Weather Hazards: Critical fire weather conditions over NE NM and the TX/OK Panhandles.***

National Weather Service

Southern Region Headquarters  
Regional Operations Center  
Fort Worth, TX



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



# Key Points

## Today and Thursday

- **Critical fire weather conditions over NE NM & TX/OK Panhandles**

## Friday - Sunday

- **The next chance of rain/storms looks to be late Thursday into Friday as a cold front moves through the Region; right now severe weather and/or heavy rain chances appear to be low**

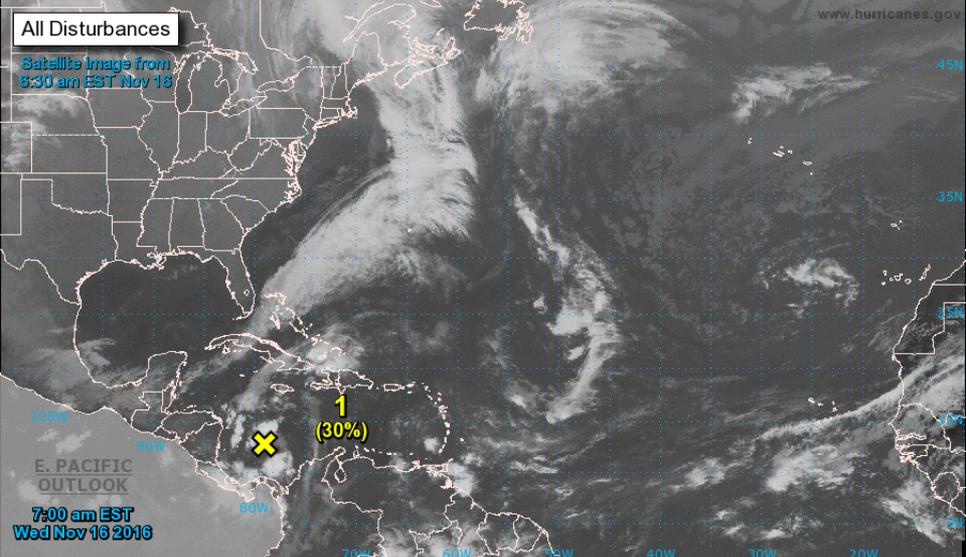
## Tropical Outlook

- **A large area of disorganized cloudiness and showers over the southwestern Caribbean Sea is associated with a broad low pressure system. Environmental conditions are expected to be conducive for slow development of this disturbance during the next several days, and a tropical depression is likely to form late this week or over the weekend while the low moves little.**
  - **Formation chance through 48 hours....low...30%**
  - **Formation chance through 5 days...high...80%**
  - **No impacts to FEMA 6 as a strong cold front will push well into the Gulf of Mexico over the weekend**

# Tropical Weather Outlook



## Two-Day Graphical Tropical Weather Outlook National Hurricane Center Miami, Florida



Current Disturbances and Two-Day Cyclone Formation Chance: < 40% 40-60% > 60%

Tropical or Sub-Tropical Cyclone: Depression Storm Hurricane

Post-Tropical Cyclone Remnants

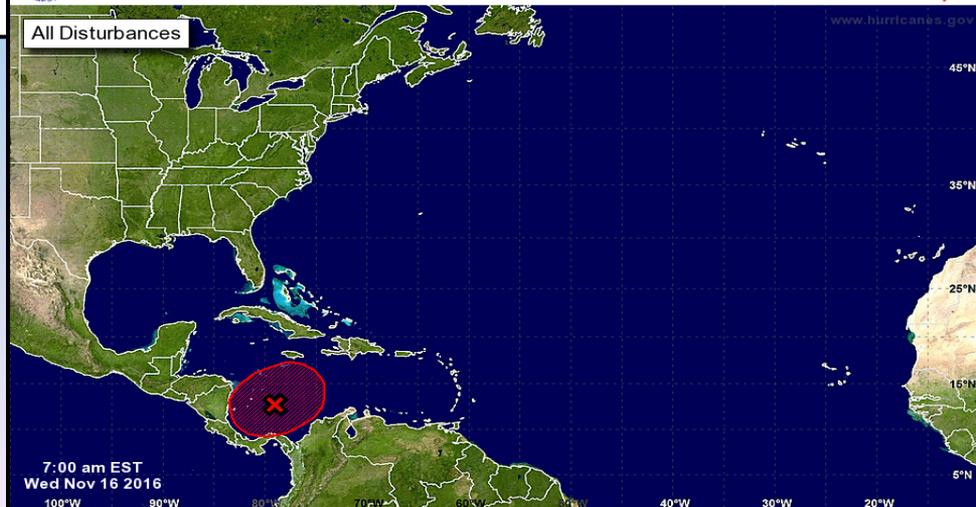
## No Impacts to FEMA 6

A large area of disorganized cloudiness and showers over the southwestern Caribbean Sea is associated with a broad low pressure system. Environmental conditions are expected to be conducive for slow development of this disturbance during the next several days, and a tropical depression is likely to form late this week or over the weekend while the low moves little.

Formation chance through 48 hours....low...30%  
Formation chance through 5 days...high...80%



## Five-Day Graphical Tropical Weather Outlook National Hurricane Center Miami, Florida



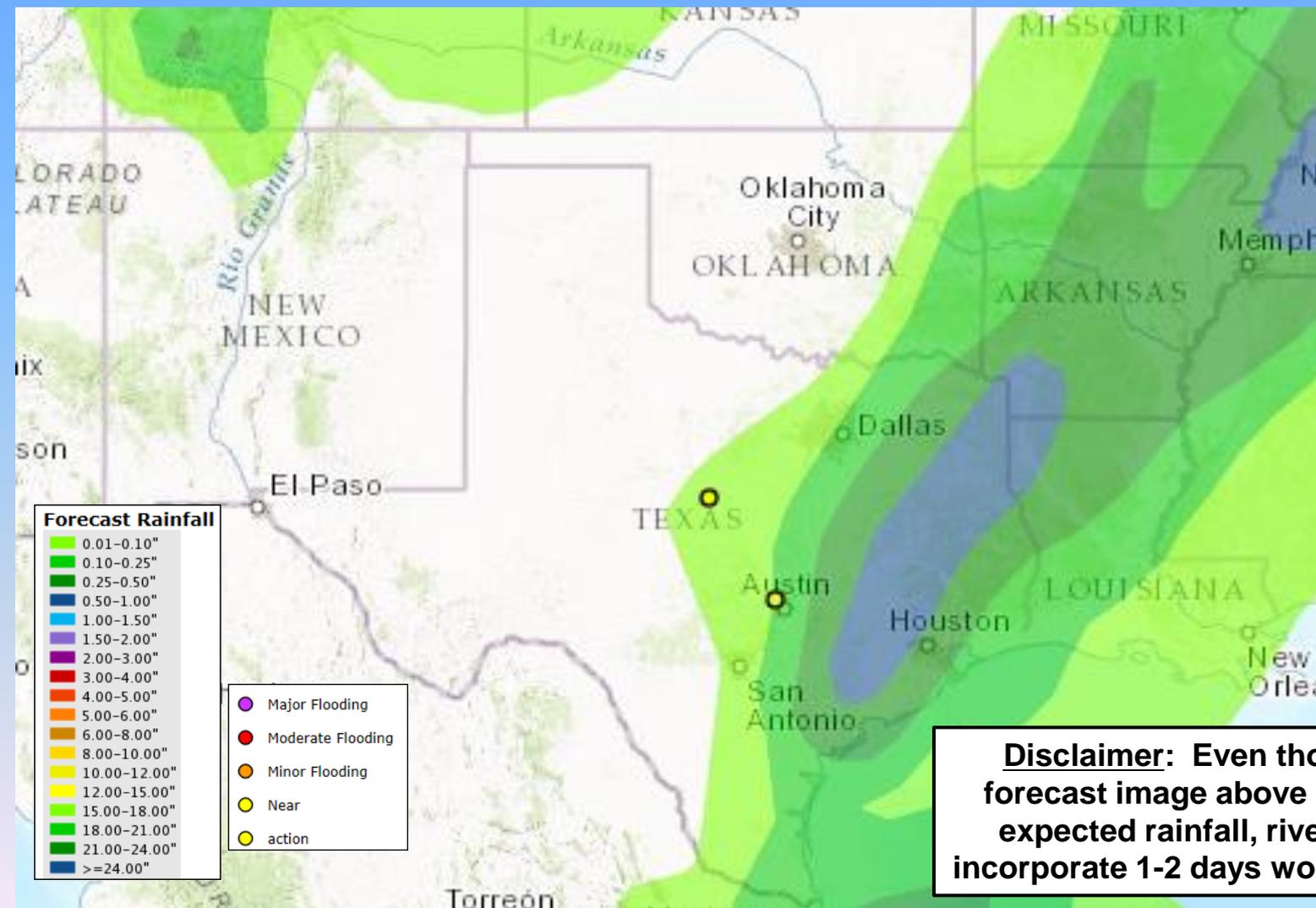
Tropical Cyclone Formation Potential for the Five-Day Period Ending at 7:00 am EST Mon Nov 21 2016

Chance of Cyclone Formation in Five Days: Low < 40% Medium 40-60% High > 60%

X indicates current disturbance location; shading indicates potential formation area.

# 5-Day Precipitation Forecast & River Flood Status

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



**Disclaimer:** Even though the rainfall forecast image above 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 Region 6 Threat Matrix

Nov 16, 2016 - Nov 20, 2016

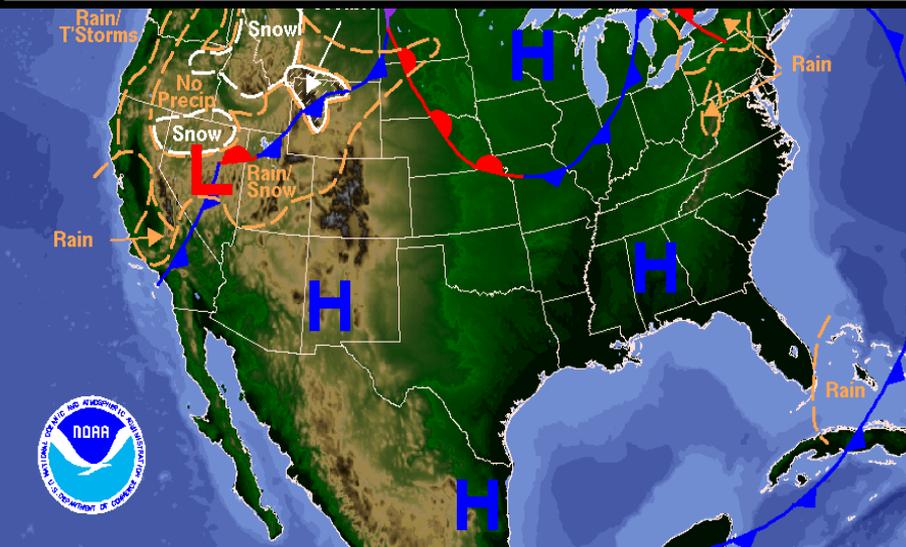
	WED	THU	FRI	SAT	SUN
Severe Weather					
Heavy Rain / Flash Flooding					
Tropical					
Fire Weather	TX/OK Panhandles, NE NM	TX/OK Panhandles, NE NM			
River Flooding					

-  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.*

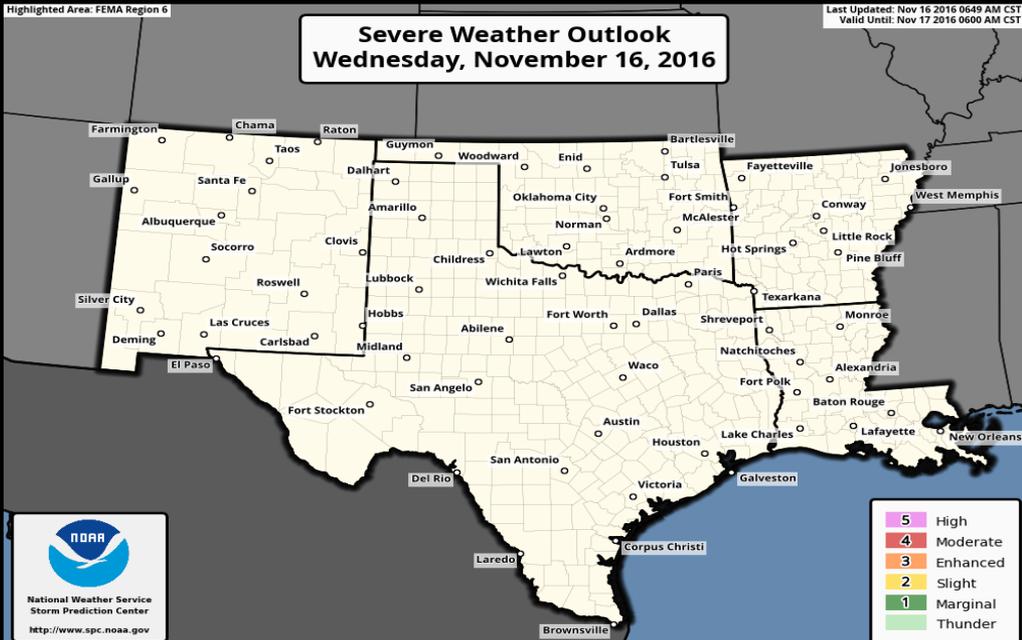
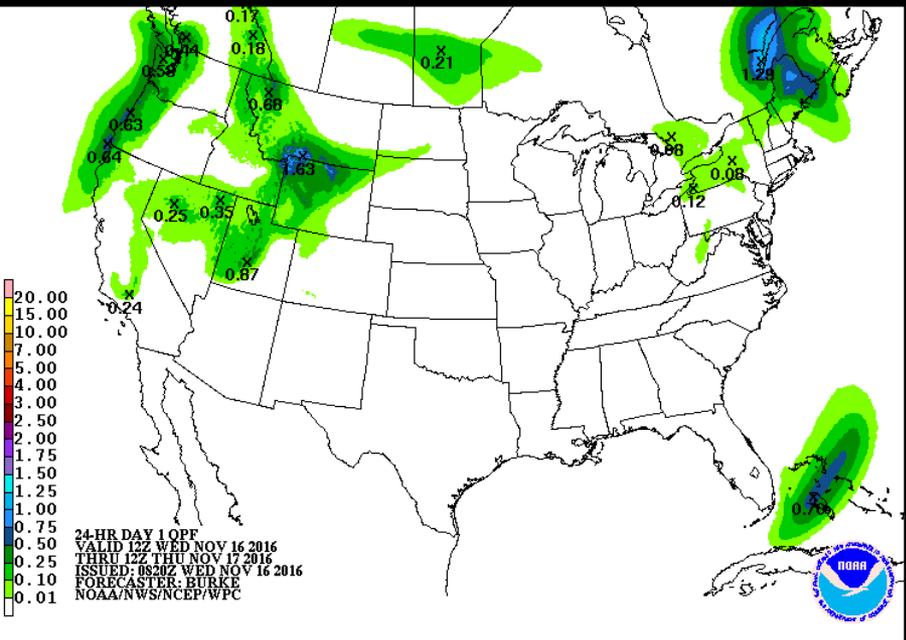


# Today's Weather



**Critical fire weather conditions over NE NM & TX/OK Panhandles (gusty winds and low humidities).**

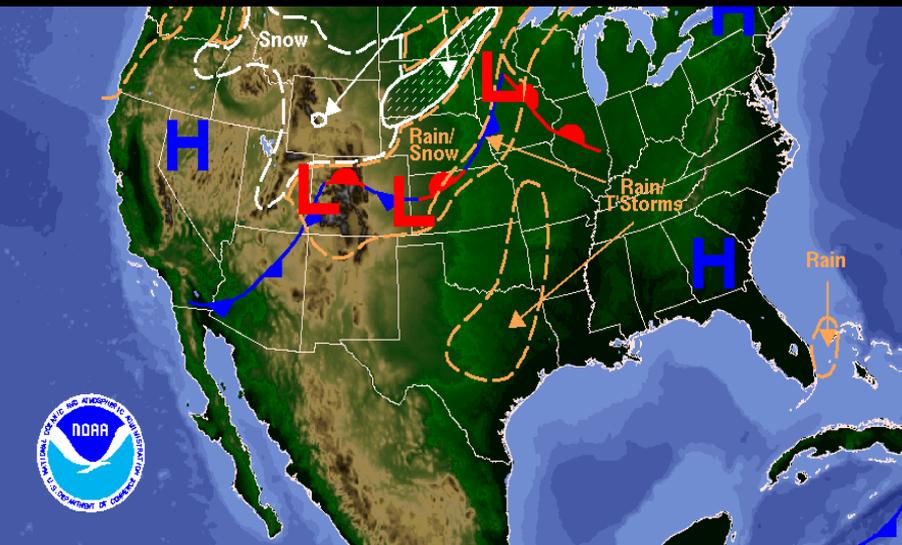
Weather Forecast for Wed, Nov 16, 2016, issued 7:40 AM EST  
 DOC/NOAA/NWS/NCEP/Weather Prediction Center  
 Prepared by McReynolds based on WPC, SPC and NHC forecasts



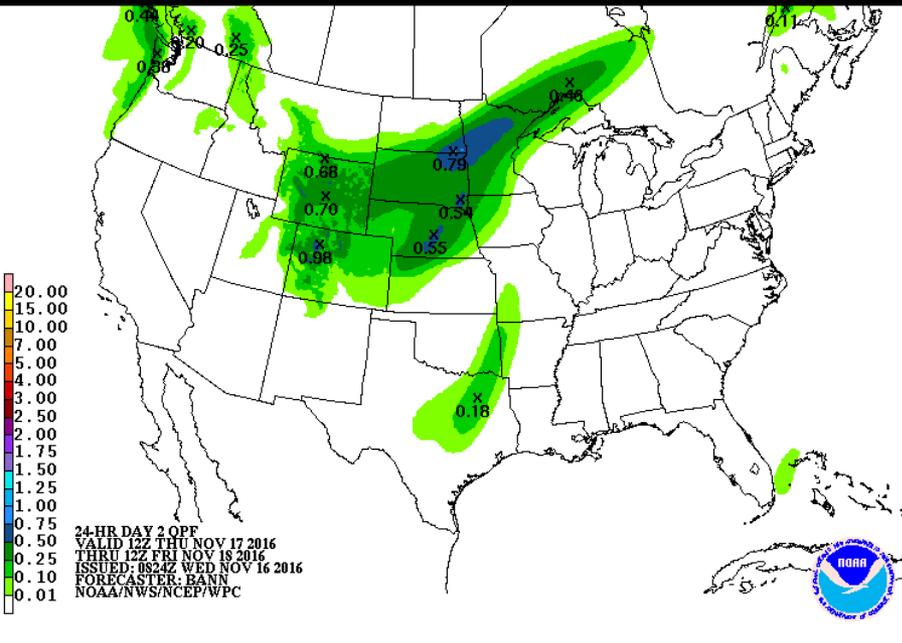
# Tomorrow's Weather

**Critical fire weather conditions are possible over NE NM & TX/OK Panhandles (gusty winds and low humidities).**

**A few storms possible over E OK into N-Central TX late Thursday night, but widespread severe weather is not expected.**



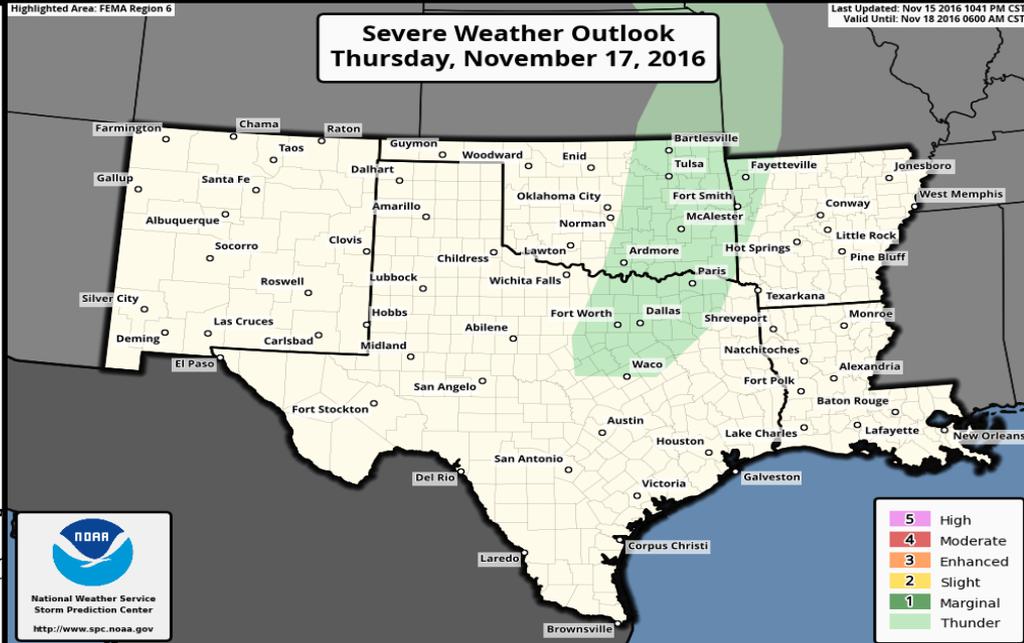
Weather Forecast for Thu, Nov 17, 2016, issued 7:43 AM EST Wed, Nov 16, 2016  
 DOC/NOAA/NWS/NCEP/Weather Prediction Center  
 Prepared by McReynolds based on WPC, SPC and NHC forecasts



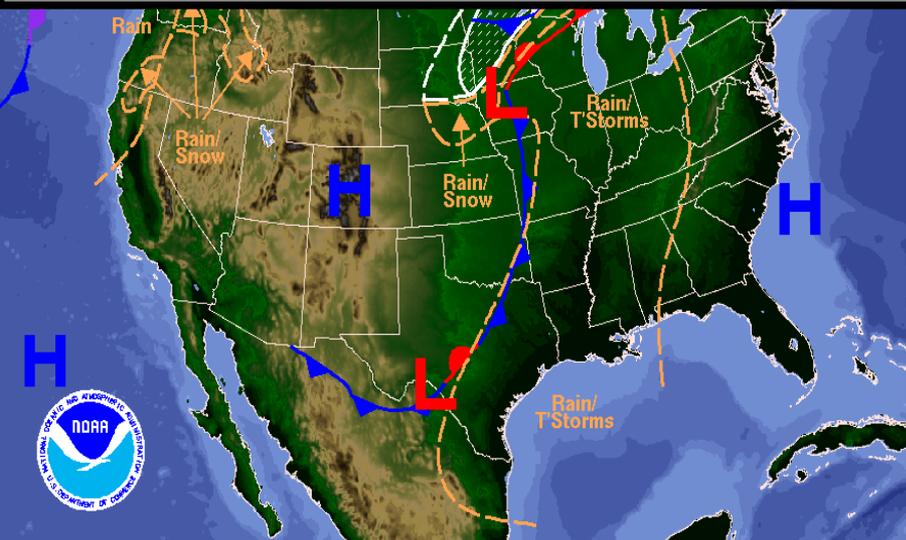
Highlighted Area: FEMA Region 6

## Severe Weather Outlook Thursday, November 17, 2016

Last Updated: Nov 15 2016 10:41 PM CST  
 Valid Until: Nov 18 2016 06:00 AM CST

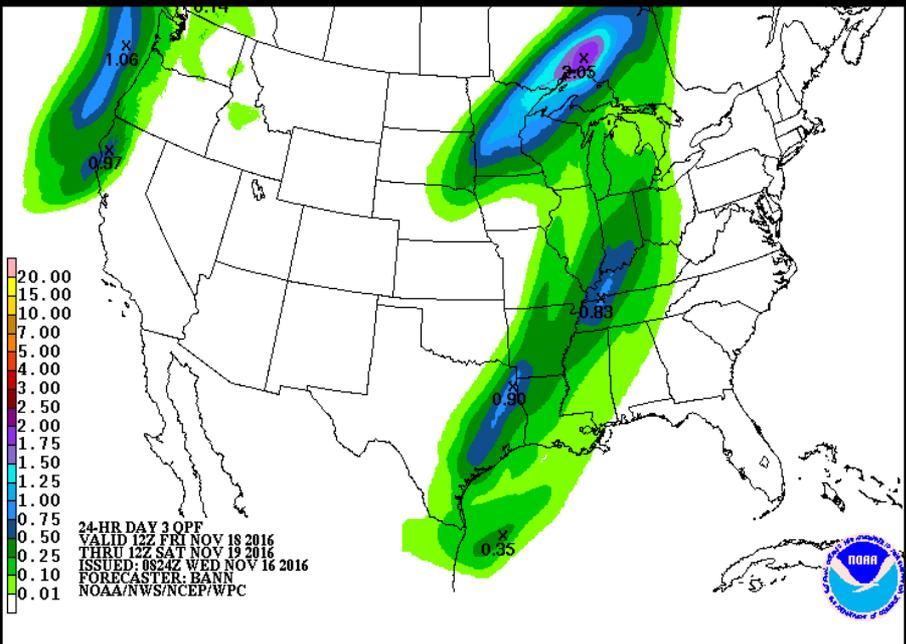


# Friday's Weather



**Showers and a few storms will be possible over eastern portions of the Region, but widespread severe weather and/or flooding is not expected.**

Weather Forecast for Fri, Nov 18, 2016, issued 7:51 AM EST Wed, Nov 16, 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 Sat - 0800 Mon



**No significant weather  
expected.**

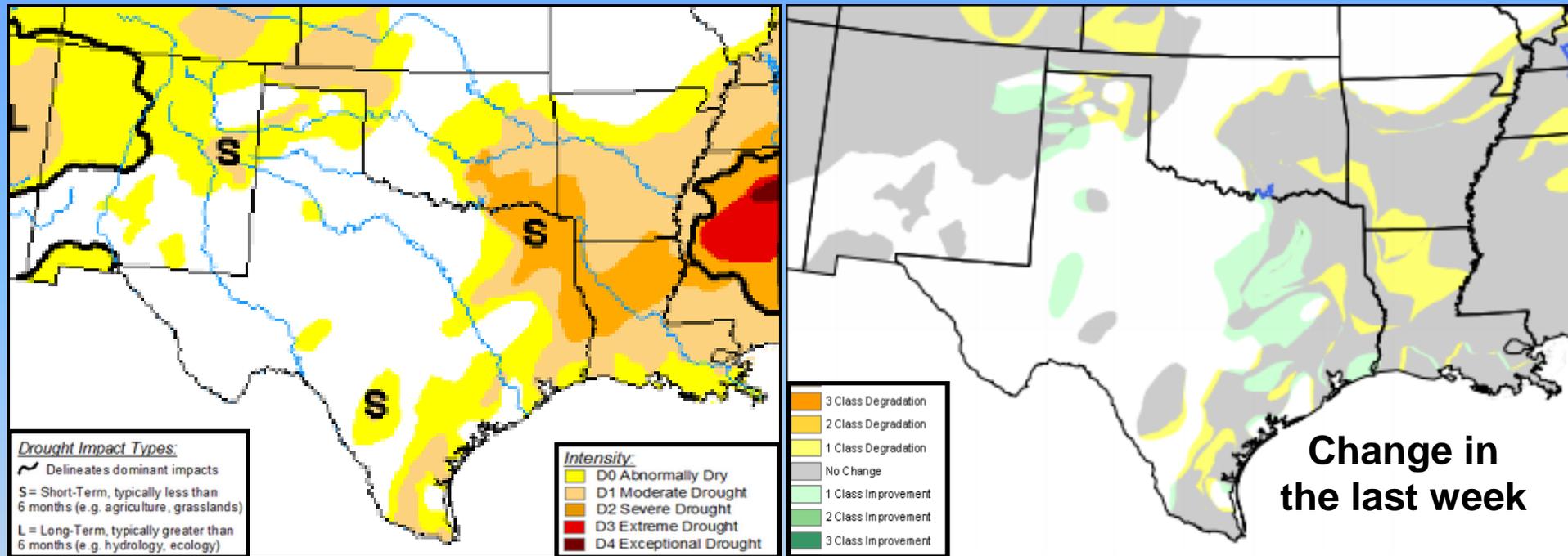
	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

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



# Drought Monitor Released November 10, 2016

Data valid as of 7am CDT, Tuesday November 8, 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%

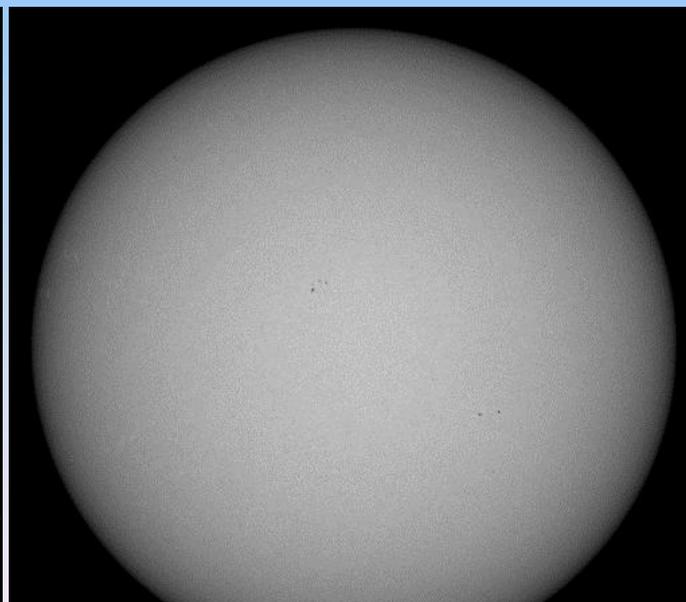
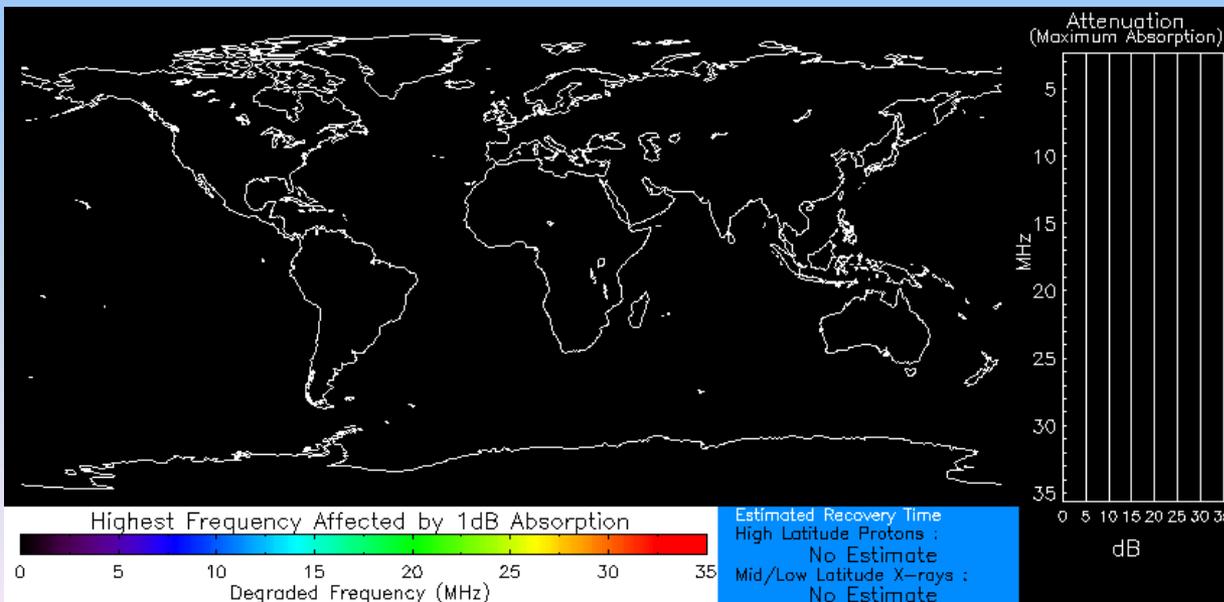
# Space Weather 3-Day Forecast



	Wednesday	Thursday	Friday
<b>Geomagnetic Storms</b>	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)
<b>Solar Radiation Storm (S1-S5)</b>	1%	1%	1%
<b>Radio Blackout (R1-R2)</b>	1%	1%	1%
<b>Radio Blackout (R3-R5)</b>	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 : 2016-11-16 13:52 UTC

Normal Proton Background  
NOAA/SWPC Boulder, CO USA

2016-11-14 15:52:00 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](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>