



# 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

Sunday, October 16, 2016

Issued: 0800 CT

**Day 1 Weather Hazards:** *Elevated to Critical Fire Weather Conditions in NE NM into the TX/OK Panhandles.*

**River Flood Hazards:** *Minor river flooding on the Nueces near Tilden in S TX.*

National Weather Service

Southern Region Headquarters  
Regional Operations Center  
Fort Worth, TX



Prepared by: Kurt Van Speybroeck  
817-978-1100 x 147

# Key Points



## Today - Tuesday

- Elevated to Critical Fire Weather Conditions in northeast NM into the TX/OK Panhandles today possible through Tuesday
- The Nueces River near Tilden will drop below minor flood stage later today

## Wednesday - Thursday

- Cold front moves from west to east across the Region increasing the chance for showers/thunderstorms over the eastern half of the Region
- Severe weather/flooding not expected at this time but there is the potential for isolated strong to severe storms

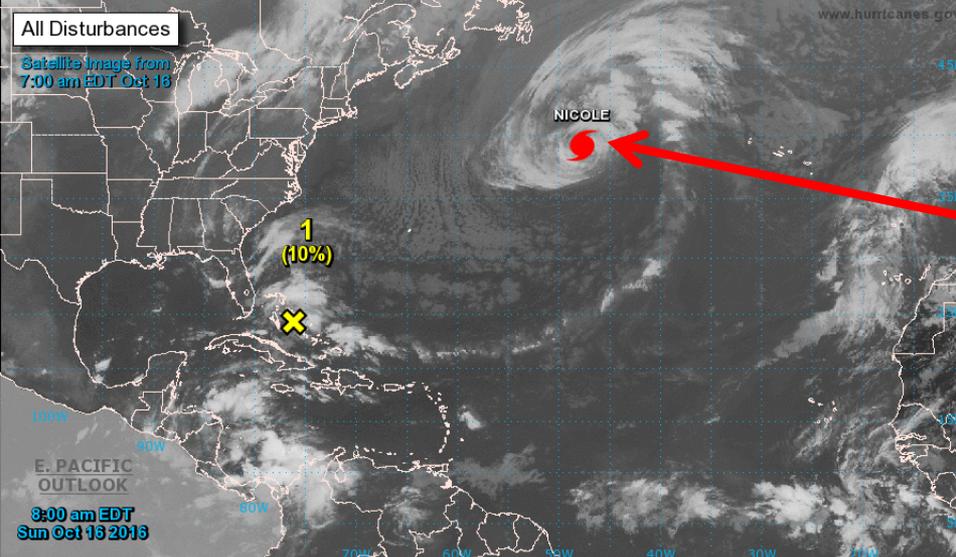
## Tropical Outlook

- Nicole is expected to remain in the Atlantic with no impacts to Region 6
- An area of low pressure continues to generate showers/thunderstorms over the Bahamas
- Tropical formation chances through 48 hours...10 percent
- Tropical formation chances through 5 days...20 percent.

# Tropical Weather Outlook

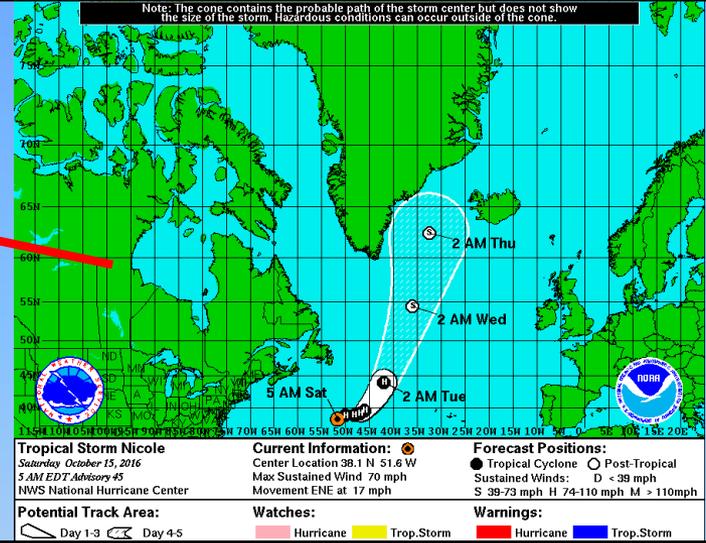


## Two-Day Graphical Tropical Weather Outlook National Hurricane Center Miami, Florida



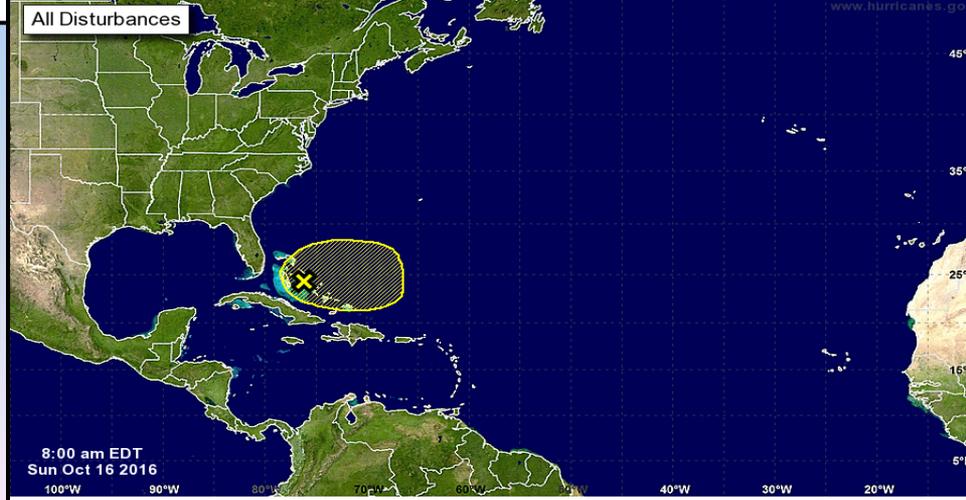
Current Disturbances and Two-Day Cyclone Formation Chance: < 40% 40-60% > 60%  
Tropical or Sub-Tropical Cyclone: Depression Storm Hurricane  
 Post-Tropical Cyclone Remnants

## No Impacts to FEMA Region 6 from Nicole



<b>Tropical Storm Nicole</b> Saturday, October 15, 2016 5 AM EDT Advisory #5 NWS National Hurricane Center	<b>Current Information:</b> Center Location 38.1 N 51.6 W Max Sustained Wind 70 mph Movement ENE at 17 mph	<b>Forecast Positions:</b> Tropical Cyclone  Post-Tropical Sustained Winds: D < 39 mph S 39-73 mph H 74-110 mph M > 110mph
<b>Potential Track Area:</b> Day 1-3  Day 4-5	<b>Watches:</b> Hurricane  Trop.Storm	<b>Warnings:</b> Hurricane  Trop.Storm

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



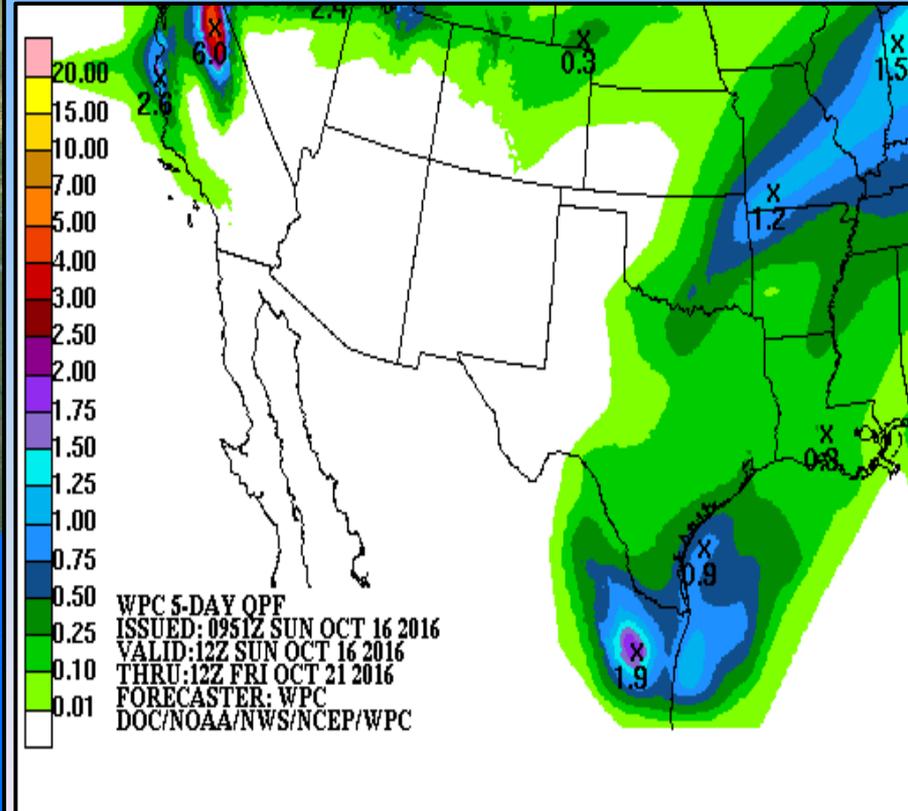
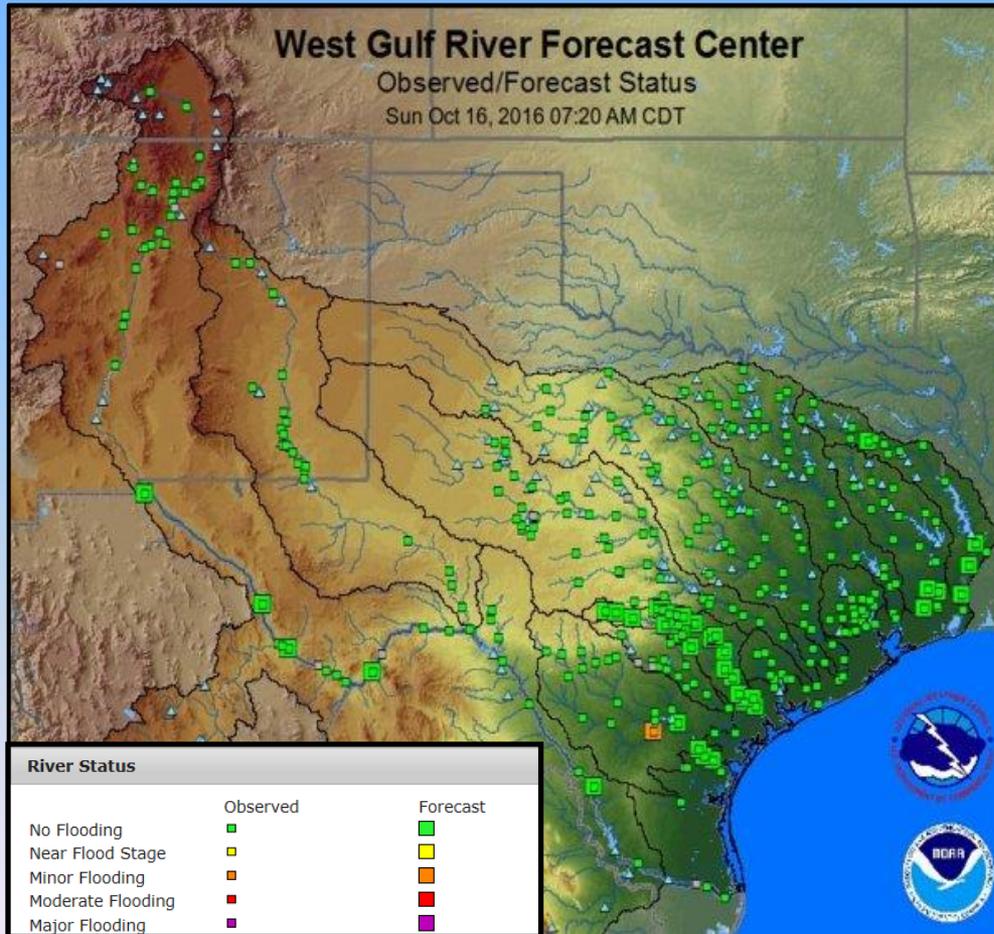
Tropical Cyclone Formation Potential for the Five-Day Period Ending at 8:00 am EDT Fri Oct 21 2016  
Chance of Cyclone Formation in Five Days: Low < 40% Medium 40-60% High > 60%  
X indicates current disturbance location; shading indicates potential formation area.

**A trough of low pressure is generating showers/thunderstorms over the Bahamas. Formation chances through 48 hours...10 percent. Formation chances through 5 days...20 percent.**

# 5-Day Precipitation Forecast & River Flood Status

The Nueces River near Tilden is the only river point in Region VI that is currently in flood. It is cresting this morning in minor flood stage and is expected to drop below flood stage late today / early tomorrow.

**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*

## Above Normal Temperatures Continue

**Today**



Partly Cloudy  
with Isolated  
Coastal Showers

**Rain Chance:**  
5-10% inland  
10-20% coast

**Highs:**  
82 to 88

**Tonight**



Patchy Fog  
Inland

**Rain Chance:**  
5-10%

**Lows:**  
66 to 76

**Monday**



Mostly Sunny

**Rain Chance:**  
5-10%

**Highs:**  
83 to 89

**Monday  
Night**



Mostly Clear

**Rain Chance:**  
10%

**Lows:**  
66 to 76

**Tuesday**



Partly Cloudy  
with Isolated  
Showers

**Rain Chance:**  
10-20%

**Highs:**  
85 to 88



weather.gov/NewOrleans



NWSNewOrleans



@NWSNewOrleans

10/16/2016  
5:08 AM Central

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

# \*FEMA Region 6 Threat Matrix

Oct 16, 2016 - Oct 20, 2016

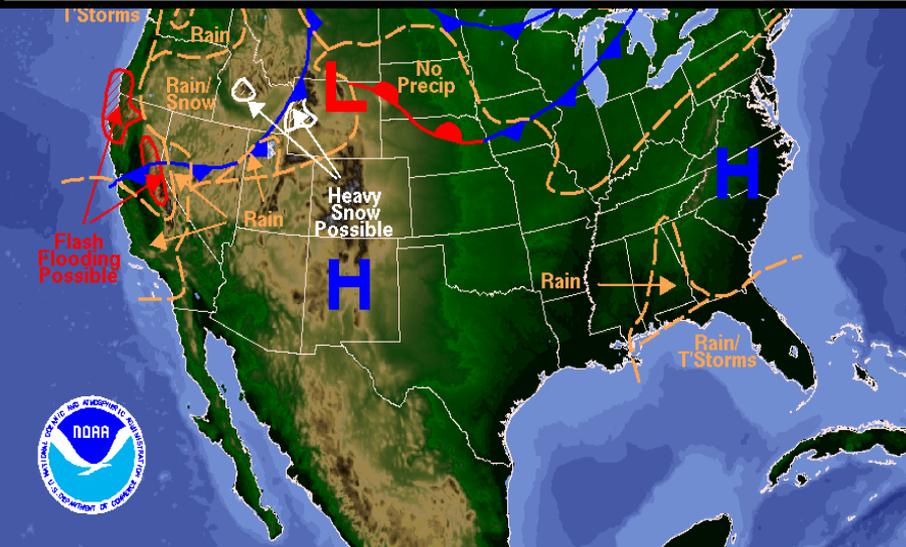
	SUN	MON	TUE	WED	THU
Severe Weather				Eastern half of the Region	→
Heavy Rain / Flash Flooding					
Tropical					
Fire Weather	NE NM into TX/OK Panhandles	NE NM into TX/OK Panhandles	NE NM into TX/OK Panhandles		
River Flooding					

	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.*

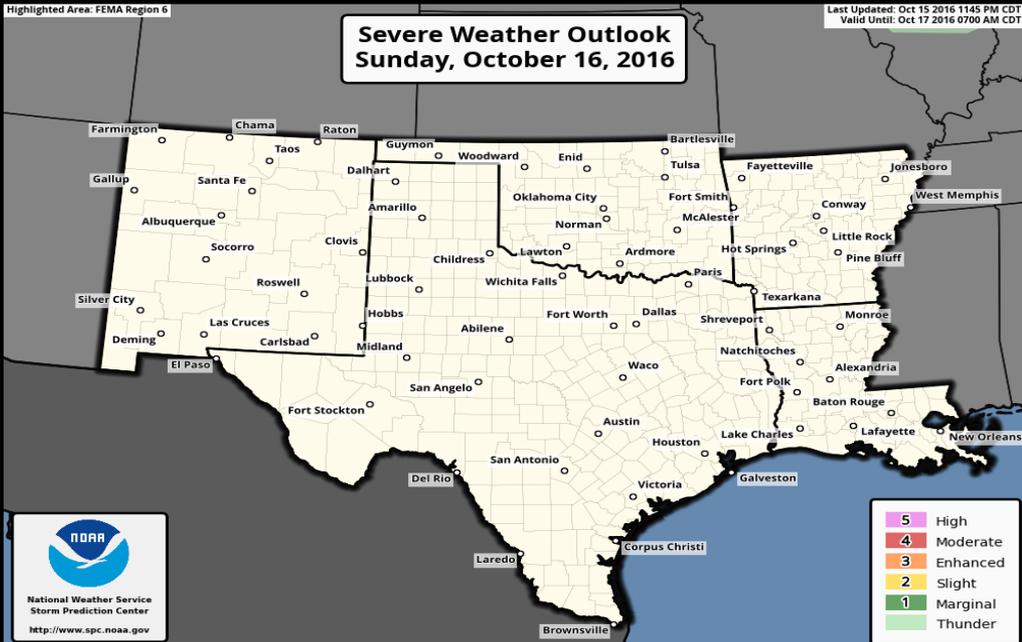
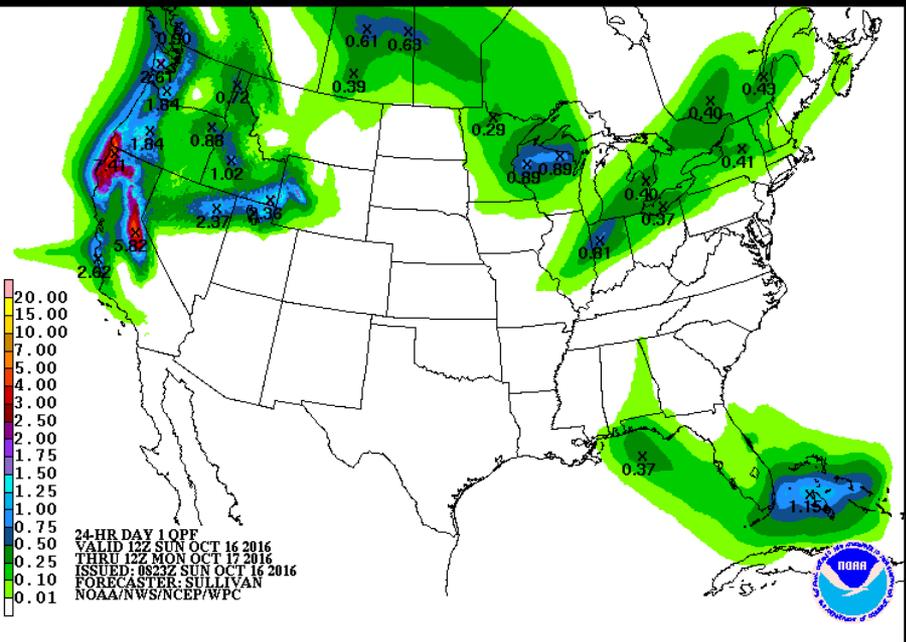


# Today's Weather

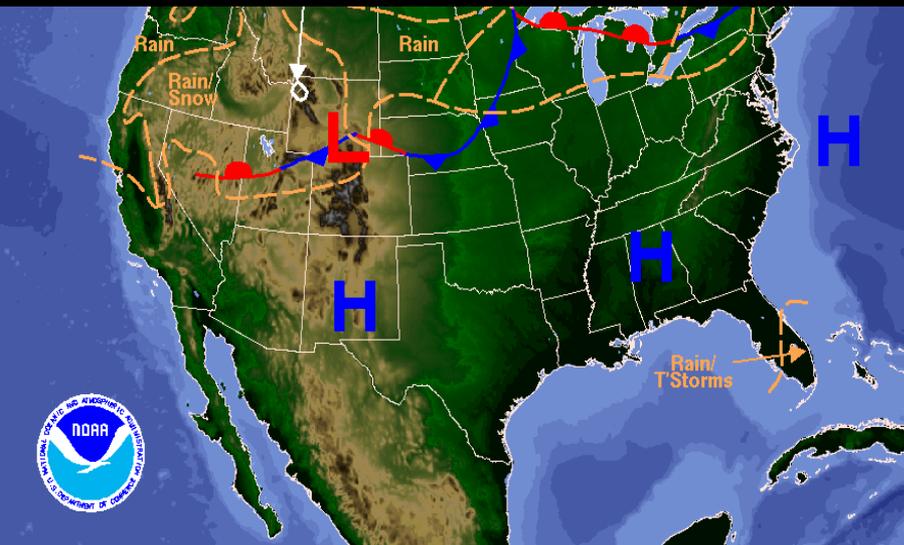


**Elevated to critical Fire weather possible across NM into the TX/OK panhandle region.**

Weather Forecast for Sun, Oct 16, 2016, issued 5:06 AM EDT  
 DOC/NOAA/NWS/NCEP/Weather Prediction Center  
 Prepared by McCreynolds based on WPC, SPC and NHC forecasts

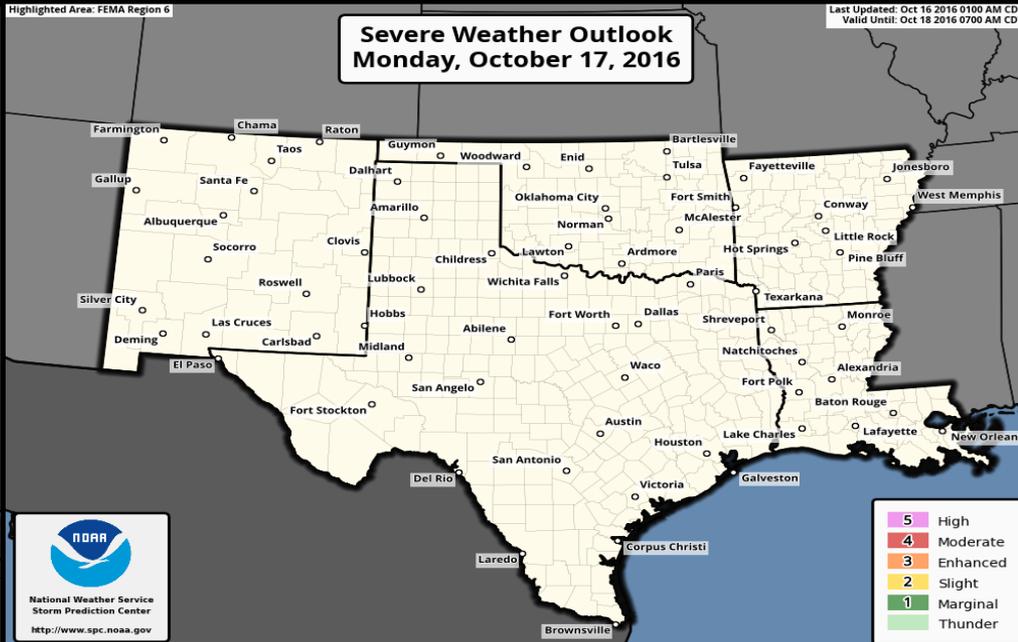
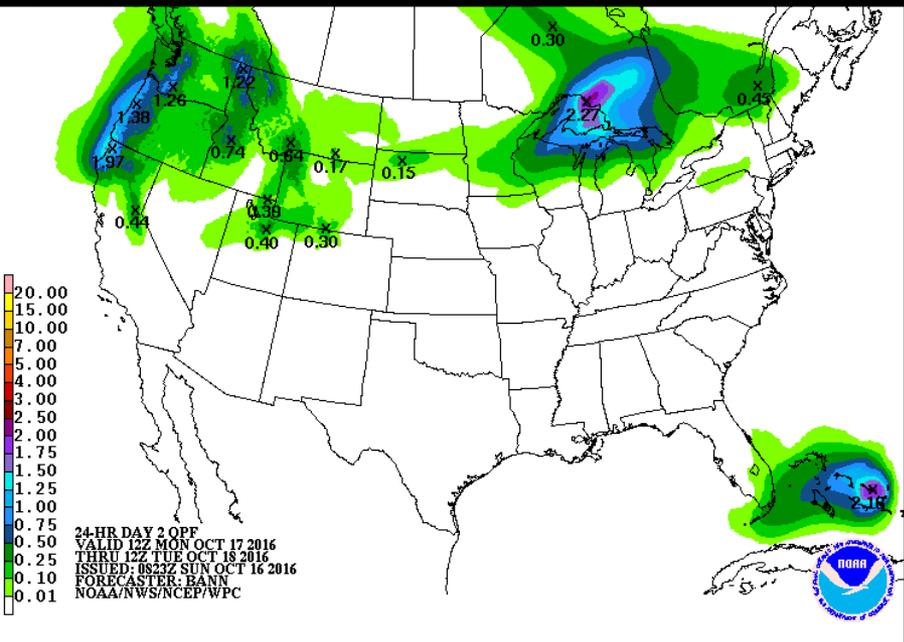


# Tomorrow's Weather

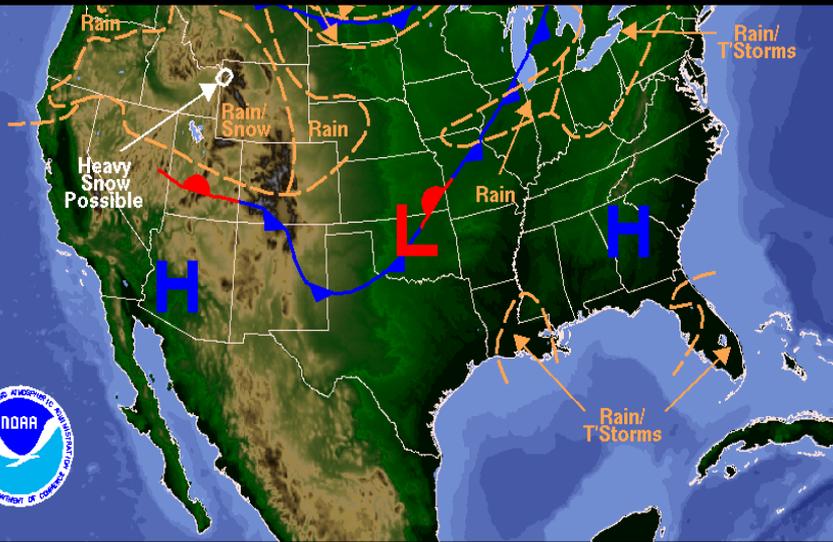


Weather Forecast for Mon, Oct 17, 2016, issued 5:12 AM EDT Sun, Oct 16, 2016  
 DOC/NOAA/NWS/NCEP/Weather Prediction Center  
 Prepared by McReynolds based on WPC, SPC and NHC forecasts

**Elevated to critical Fire weather possible across NM into the TX/OK panhandle region.**



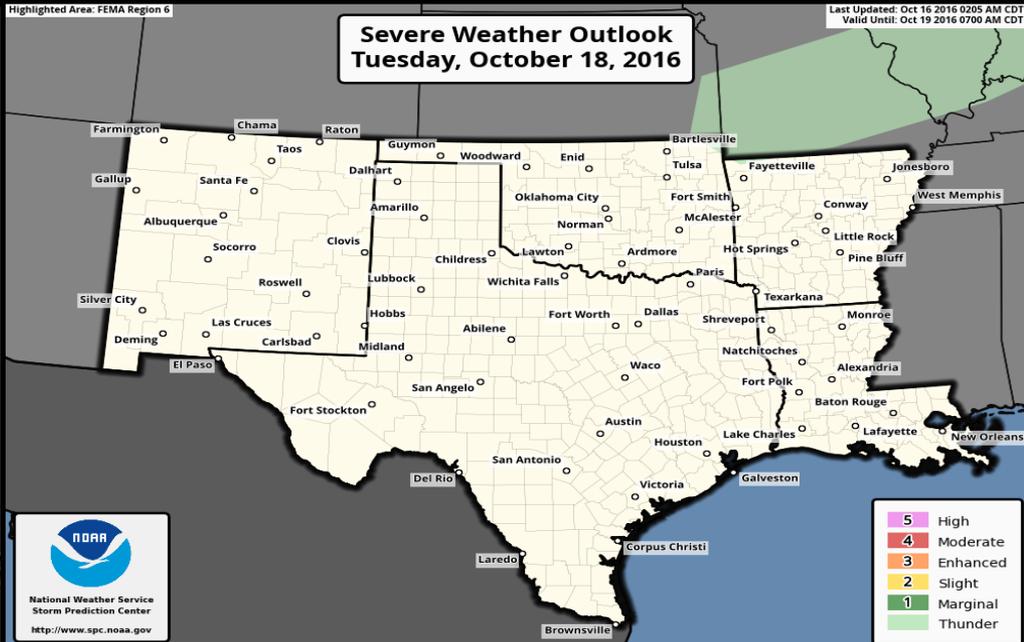
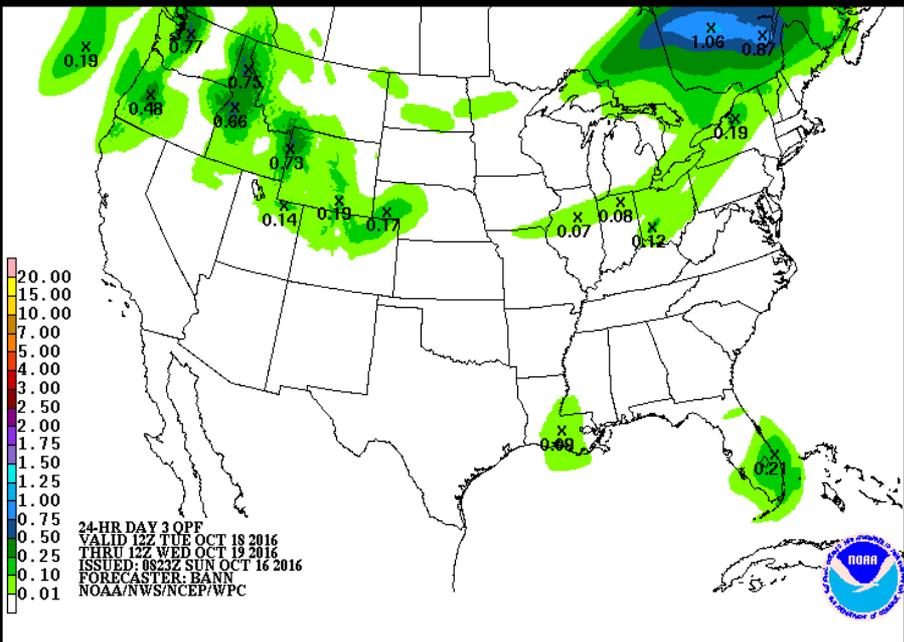
# Tuesday's Weather



**No significant weather expected.**

**Elevated to Critical Fire Weather Conditions in NE NM into the TX/OK Panhandles.**

Weather Forecast for Tue, Oct 18, 2016, issued 5:15 AM EDT Sun, Oct 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 Wed - 0800 Fri



**A cold front is expected to move across FEMA Region 6. Strong/severe thunderstorms are possible by Wednesday across the eastern half of the region.**

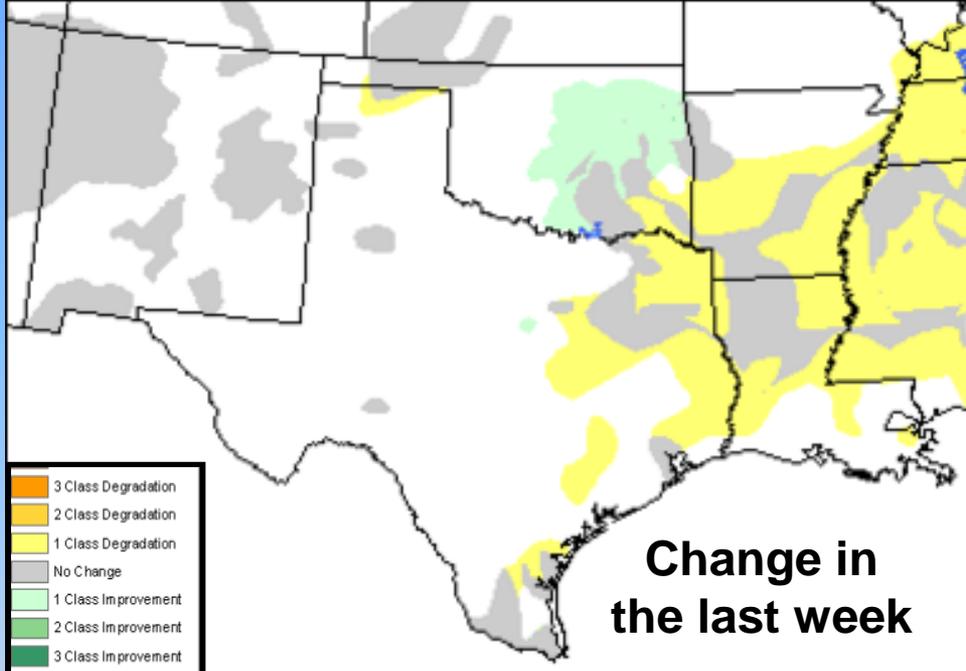
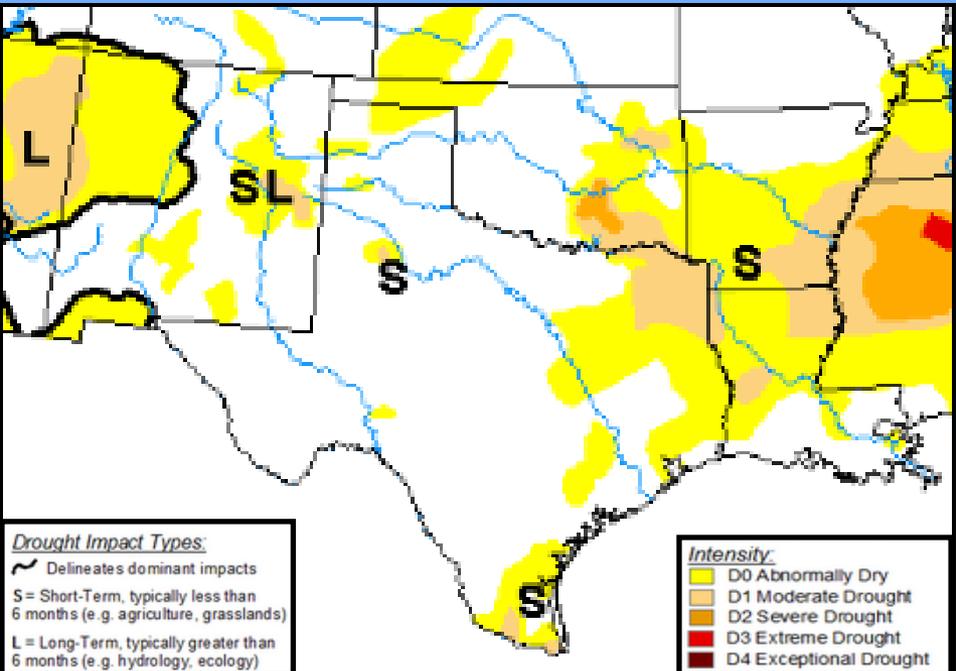
	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

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



# Drought Monitor Released October 13, 2016

Data valid as of 7am CDT, Tuesday October 11, 2016



**Drought Impact Types:**  
 ~ Delineates dominant impacts  
 S = Short-Term, typically less than 6 months (e.g. agriculture, grasslands)  
 L = Long-Term, typically greater than 6 months (e.g. hydrology, ecology)

**Intensity:**  
 Yellow: D0 Abnormally Dry  
 Orange: D1 Moderate Drought  
 Dark Orange: D2 Severe Drought  
 Red: D3 Extreme Drought  
 Dark Red: D4 Exceptional Drought

**Change in the last week:**  
 Grey: No Change  
 Light Green: 1 Class Improvement  
 Medium Green: 2 Class Improvement  
 Dark Green: 3 Class Improvement

**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%	3.43%
Texas	0.00%	0.00%	0.00%	13.89%
Arkansas	0.00%	0.00%	0.00%	10.70%
Louisiana	0.00%	0.00%	0.00%	50.56%
New Mexico	0.00%	0.00%	0.00%	0.00%

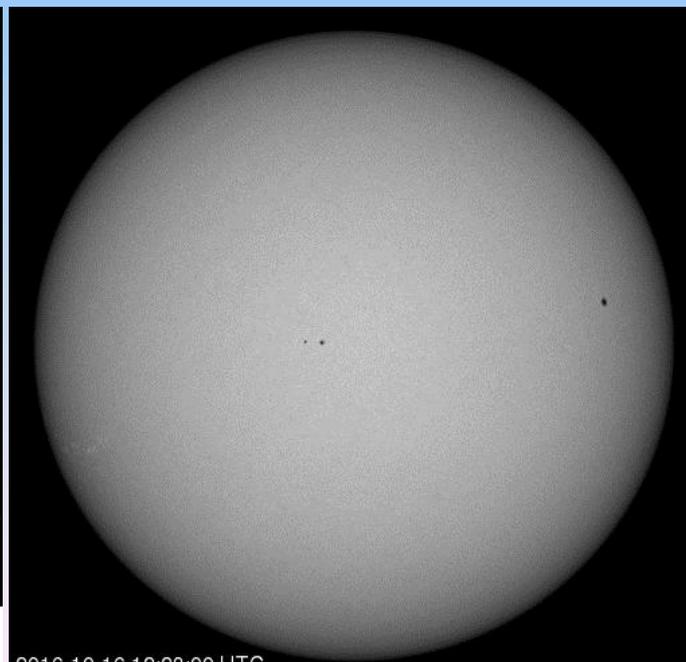
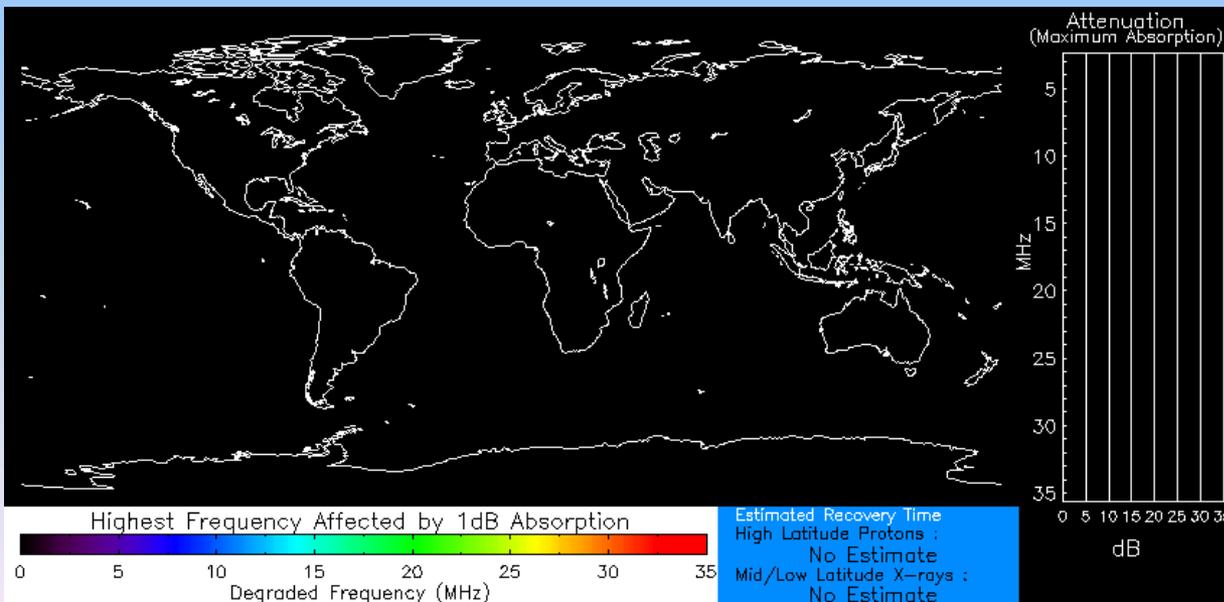
# Space Weather 3-Day Forecast



	Sunday	Monday	Tuesday
Geomagnetic Storms	Minor (G1) Storm (Max Kp = 5)	Unsettled to Quiet (Max Kp = 3)	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 : 2016-10-16 12:50 UTC

Normal Proton Background  
NOAA/SWPC Boulder, CO USA

2016-10-16 12:28:00 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.weather.gov/srh> (**NEW link!!**)

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<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>