



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, October 19, 2016
Issued: 0800 CT

Day 1 Severe Weather Hazards: A few strong to severe storms possible over northern/western AR, southern/eastern OK, N TX.

Day 1 Fire Weather Hazards: Elevated fire weather threat over NE NM into the TX Panhandles.

National Weather Service

Southern Region Headquarters
Regional Operations Center
Fort Worth, TX



Prepared by: **Brian Hoeth/Katie Landry-Guyton**
817-978-1100 x 147

Key Points



Today - Thursday

- Cold front moves across the Region increasing the chance for showers/thunderstorms over the eastern/southern portions of the Region
- A few severe thunderstorms possible over northern/western AR, southern/eastern OK and northern TX from late Wednesday afternoon through early Thursday
 - Damaging winds/hail and flash flooding are the primary hazards. Low tornado threat.

Friday-Sunday

- No significant weather threats

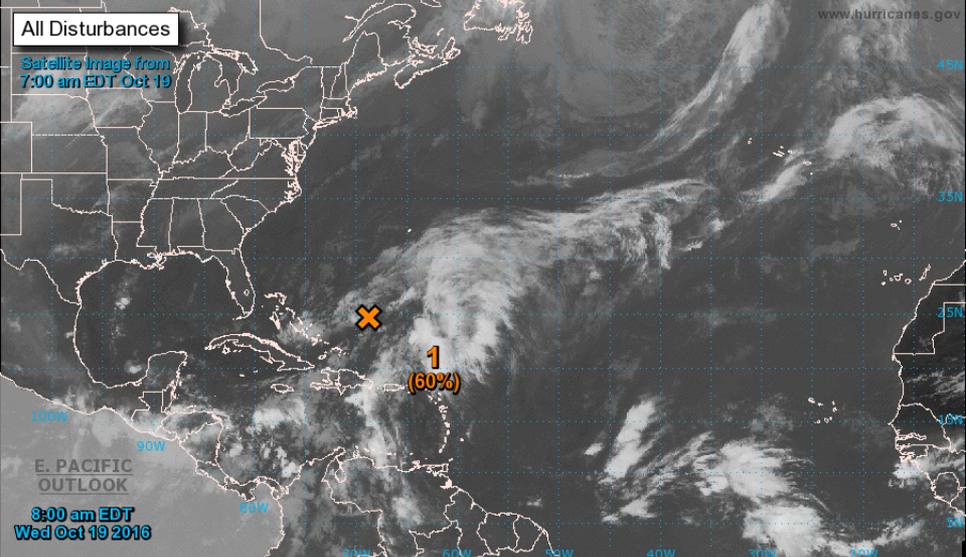
Tropical Outlook

- An area of low pressure near the Bahamas may develop into a tropical cyclone over the next 5 days, but this system is not expected to impact FEMA Region 6
 - Tropical formation chances through 48 hours...60 percent
 - Tropical formation chances through 5 days...80 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

A trough of low pressure is generating showers/thunderstorms over the Bahamas.

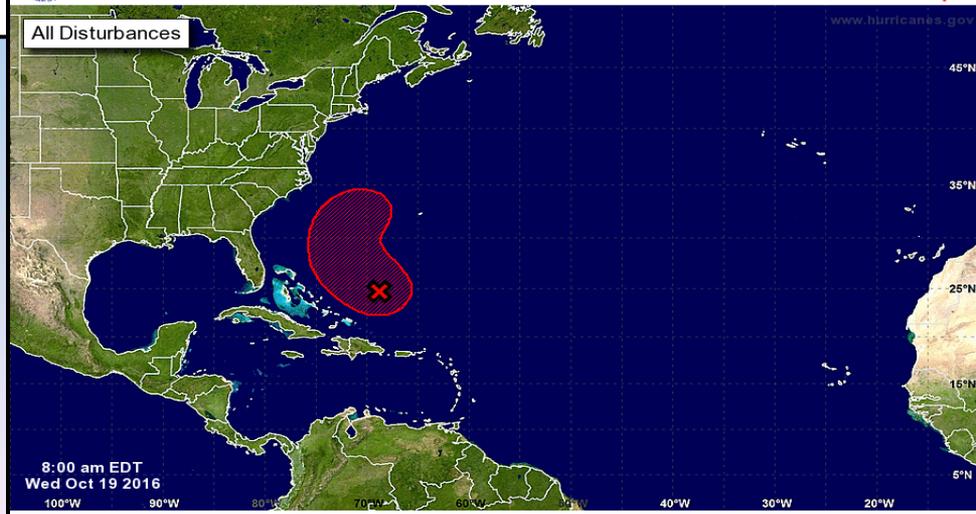
No impact to FEMA 6

Formation chances through 48 hours...60 percent.

Formation chances through 5 days...80 percent.



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 Mon Oct 24 2016

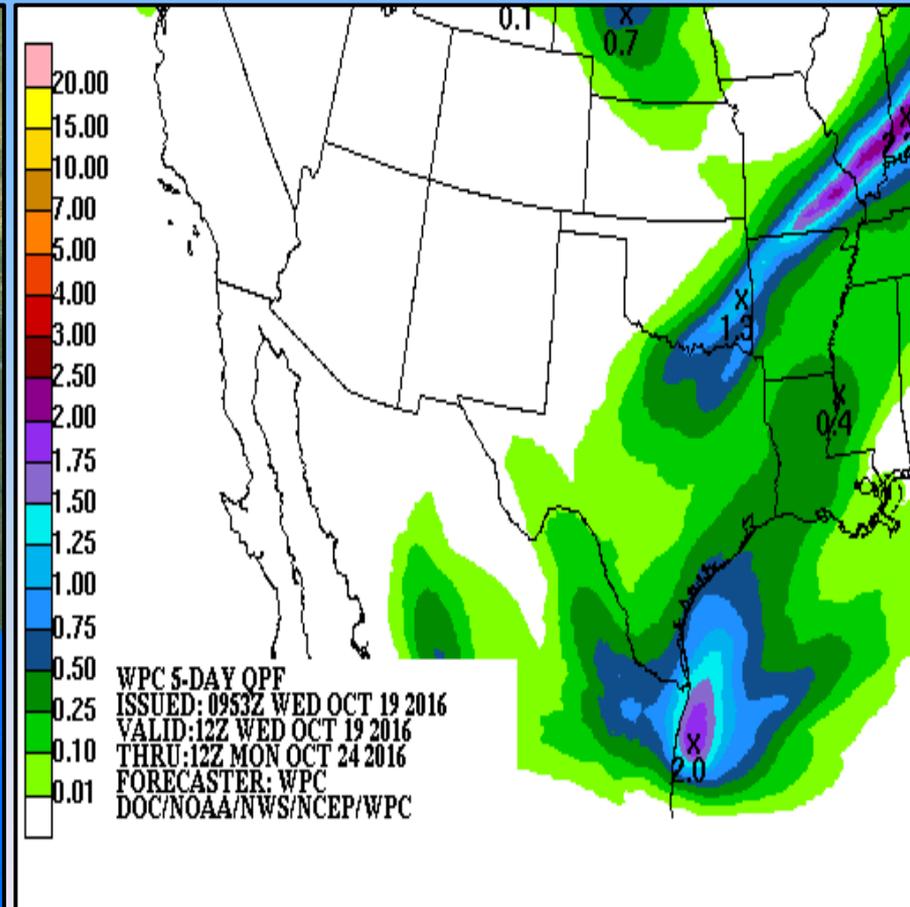
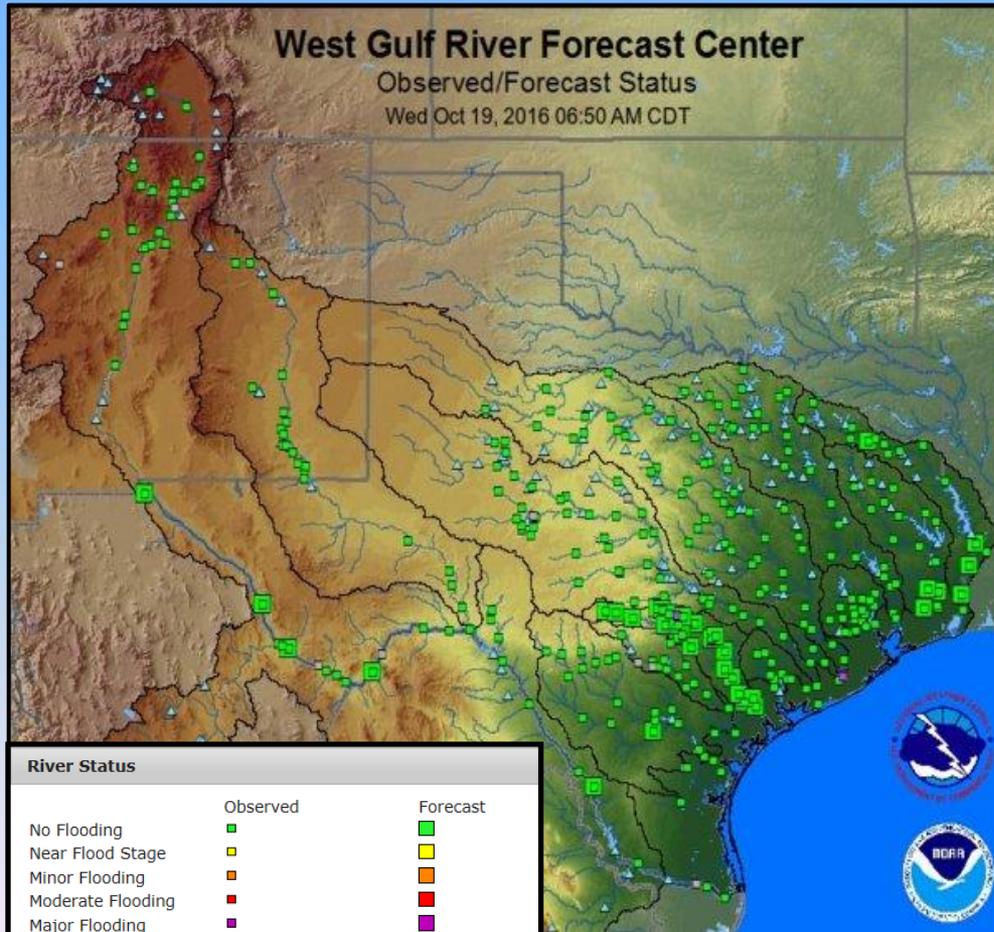
Chance of Cyclone Formation in Five Days: Low < 40% Medium 40-60% High > 60%

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

5-Day Precipitation Forecast & River Flood Status

There is currently no 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

Warm a few more days then cooling

Today



Partly Cloudy
with Isolated
Showers

Rain Chance:
10-20%

Highs:
83 to 88

Tonight



Partly Cloudy

Rain Chance:
5-10%

Lows:
68 to 74

Thursday



Chance of
Showers and
Thunderstorms

Rain Chance:
50% Northwest
10% Southeast

Highs:
83 to 87

**Thursday
Night**



Cooling with
isolated
Showers

Rain Chance:
10-20%

Lows:
56 to 61 North
60 to 68 South

Friday



Clearing and
Breeeeeezy

Rain Chance:
0%

Highs:
72 to 76



weather.gov/NewOrleans



NWSNewOrleans



@NWSNewOrleans

10/19/2016
5:35 AM Central

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

*FEMA Region 6 Threat Matrix

Oct 19, 2016 - Oct 23, 2016

	WED	THU	FRI	SAT	SUN
Severe Weather	NW AR/ E OK				
	N&W AR, S&E OK, N TX				
Heavy Rain / Flash Flooding	N&W AR, S&E OK, N TX				
Tropical					
Fire Weather	NE NM into the 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.

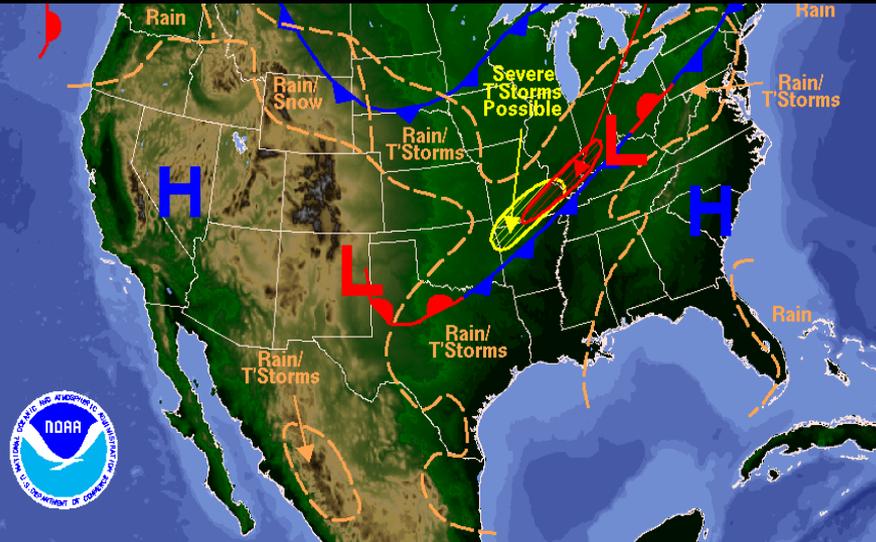


Today's Weather

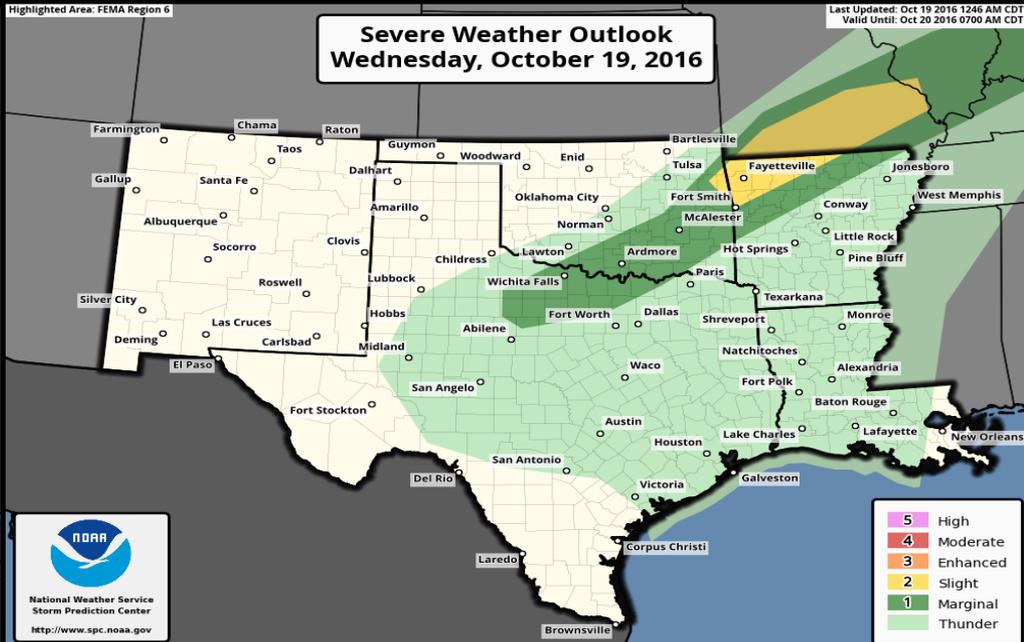
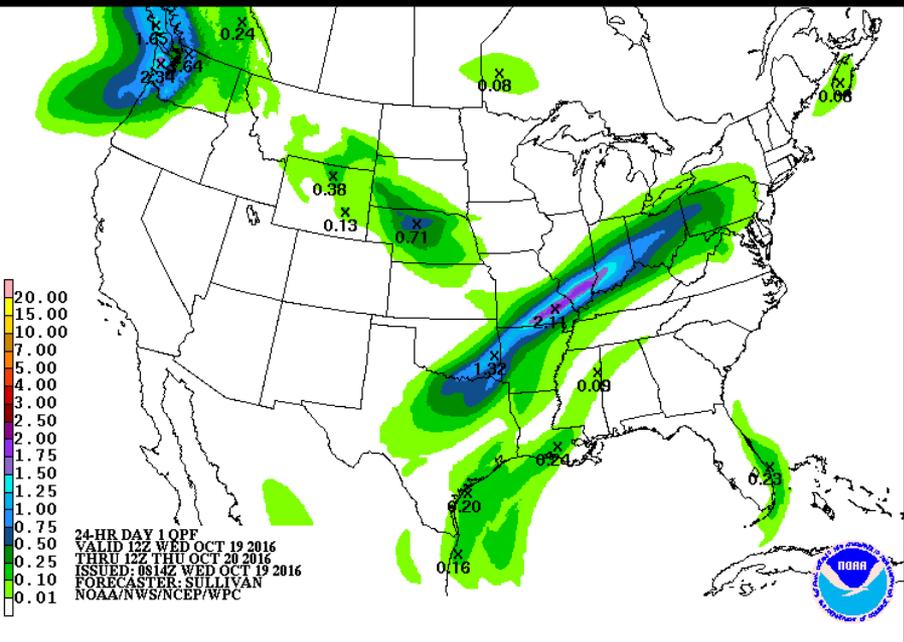
A few strong to severe storms possible over N&W AR, S&E OK, N TX

- **Damaging winds/hail and flash flooding are the primary hazards**

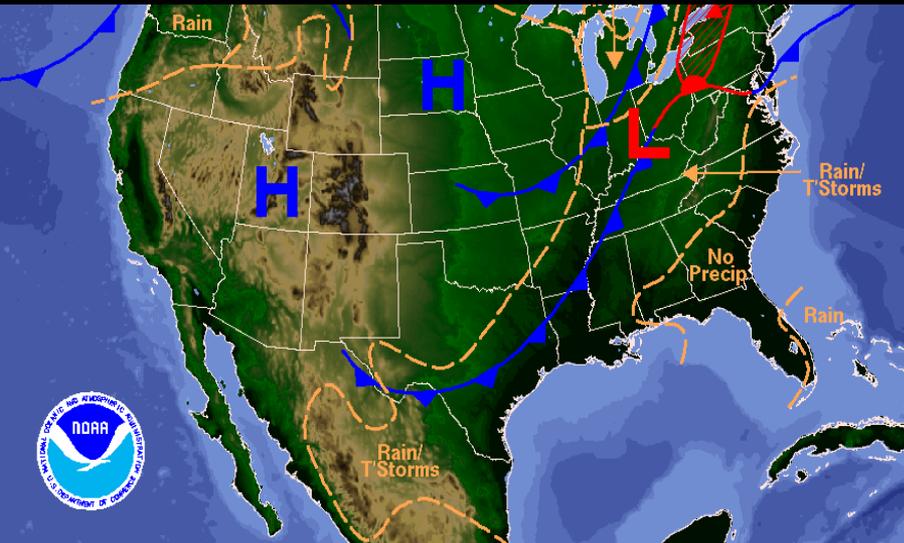
Elevated fire weather threat over NE NM, TX/OK Panhandles



Weather Forecast for Wed, Oct 19, 2016, issued 4:54 AM EDT
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by McReynolds based on WPC, SPC and NHC forecasts

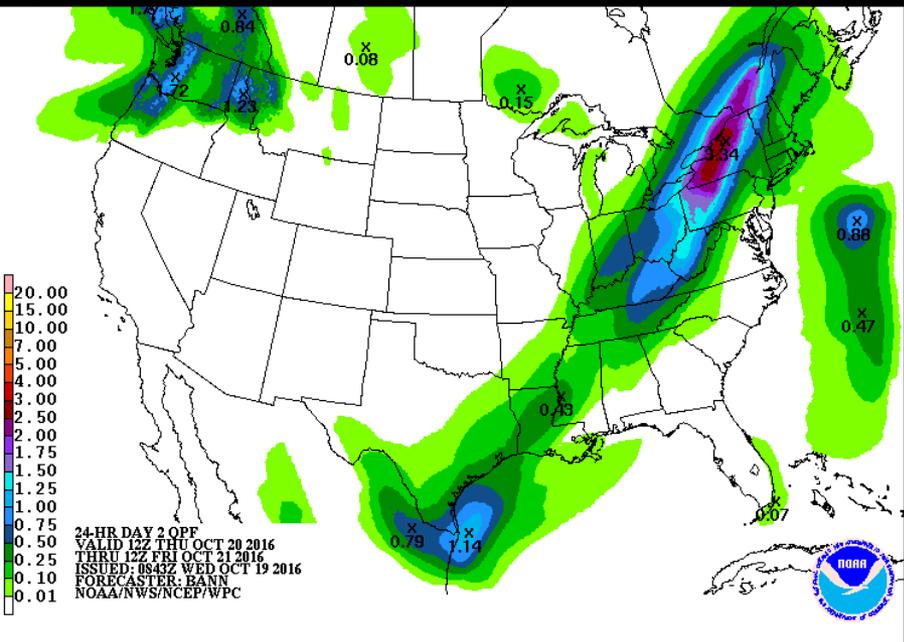


Tomorrow's Weather

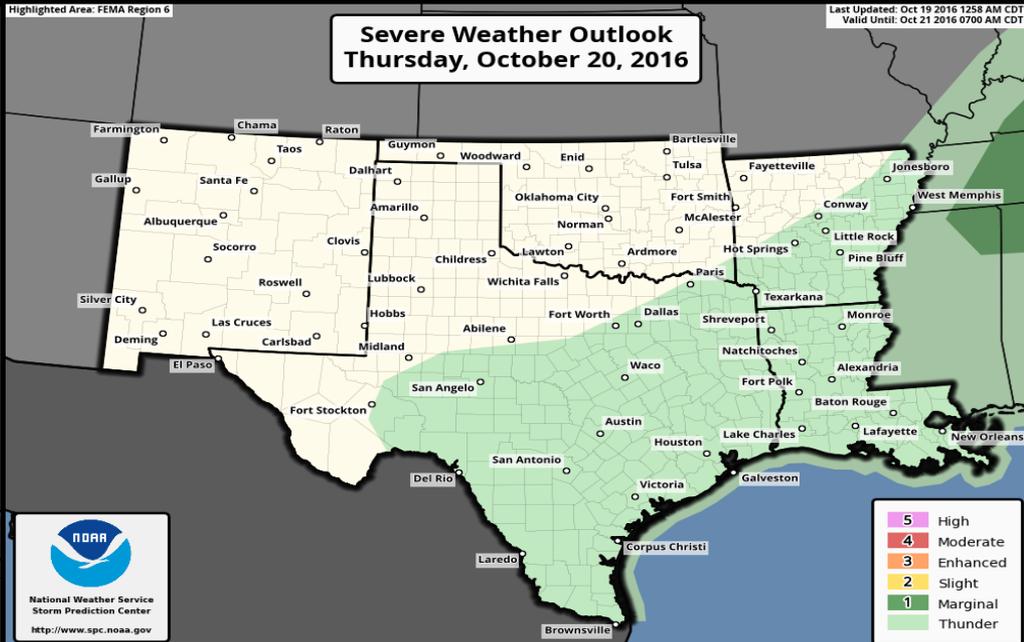


Weather Forecast for Thu, Oct 20, 2016, issued 4:57 AM EDT Wed, Oct 19, 2016
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by McCreynolds based on WPC, SPC and NHC forecasts

Scattered thunderstorm chances continue into Thursday for the eastern and southern half of the Region, but severe weather is not expected.



24-HR DAY 2 OPF
 VALID 12Z THU OCT 20 2016
 THRU 12Z FRI OCT 21 2016
 ISSUED: 0842Z WED OCT 19 2016
 FORECASTER: BANN
 NOAA/NWS/NCEP/WPC



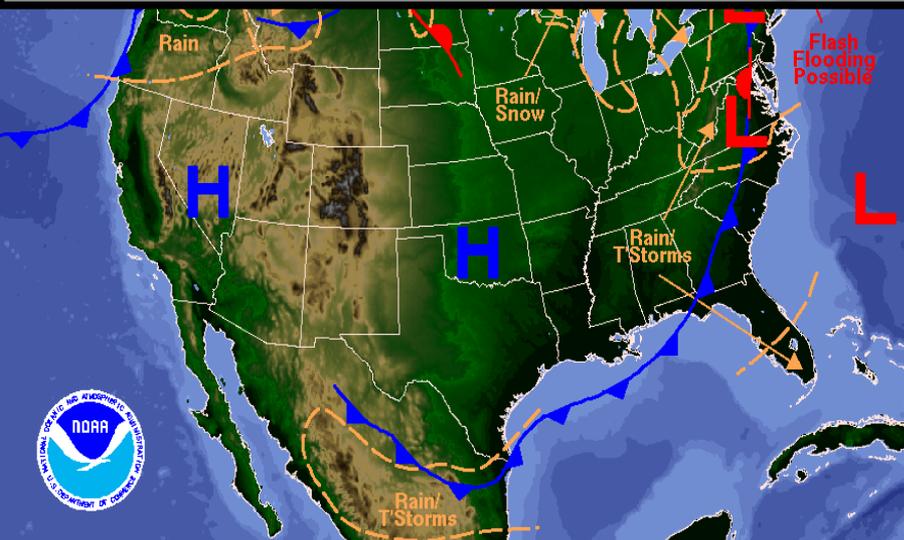
Severe Weather Outlook Thursday, October 20, 2016

Last Updated: Oct 19 2016 12:58 AM CDT
 Valid Until: Oct 21 2016 07:00 AM CDT



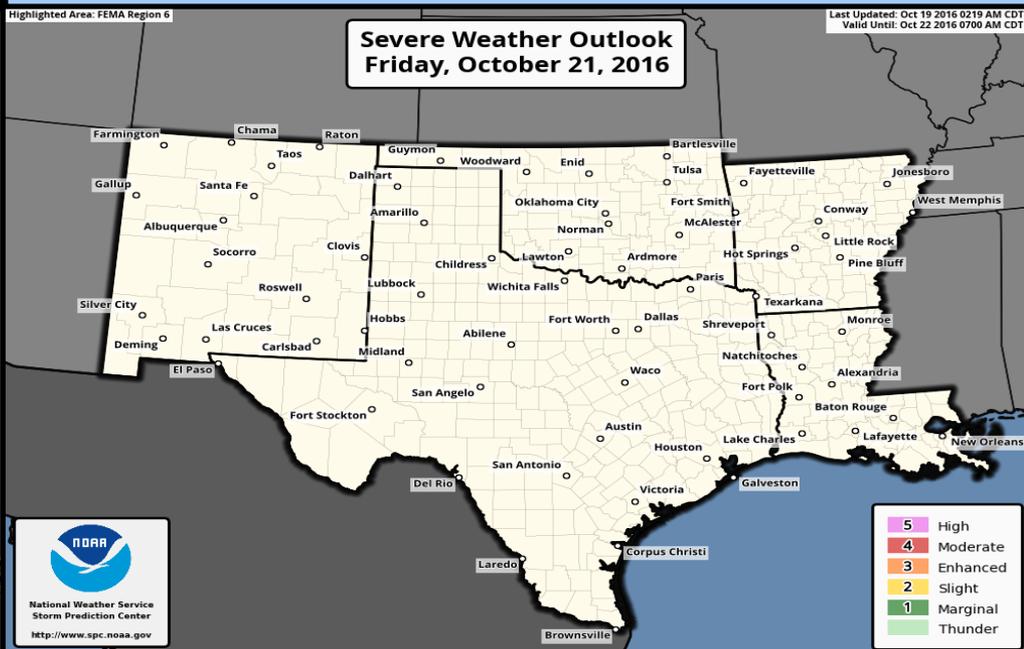
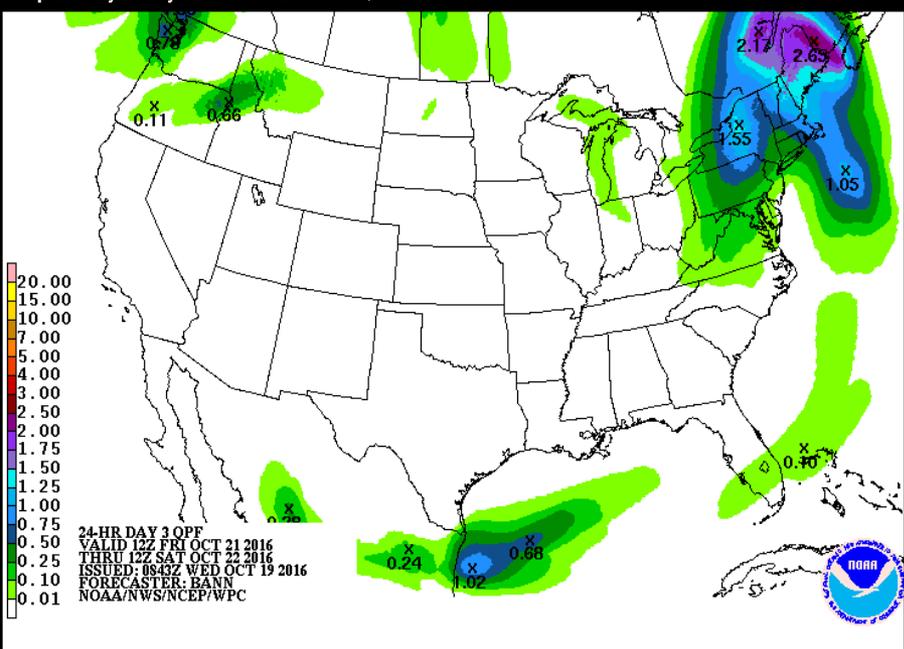
- 5 High
- 4 Moderate
- 3 Enhanced
- 2 Slight
- 1 Marginal
- Thunder

Friday's Weather



Weather Forecast for Fri, Oct 21, 2016, issued 5:04 AM EDT Wed, Oct 19, 2016
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by McReynolds based on WPC, SPC and NHC forecasts

No Weather Threats Expected



Day 4-5 Weather Hazards

Valid: 0800 Sat - 0800 Mon



No Weather Threats Expected

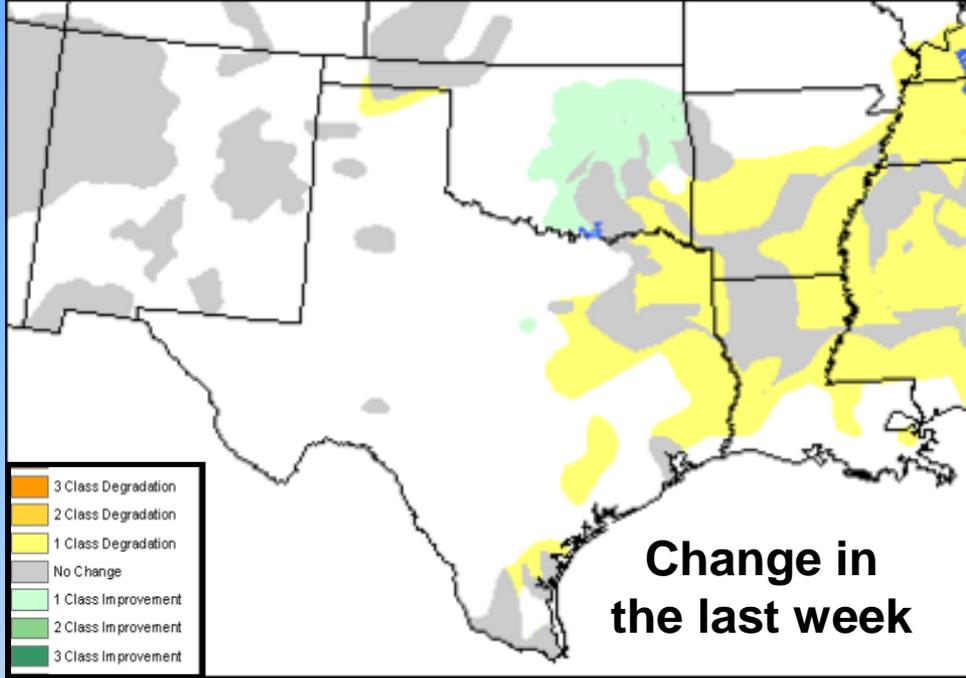
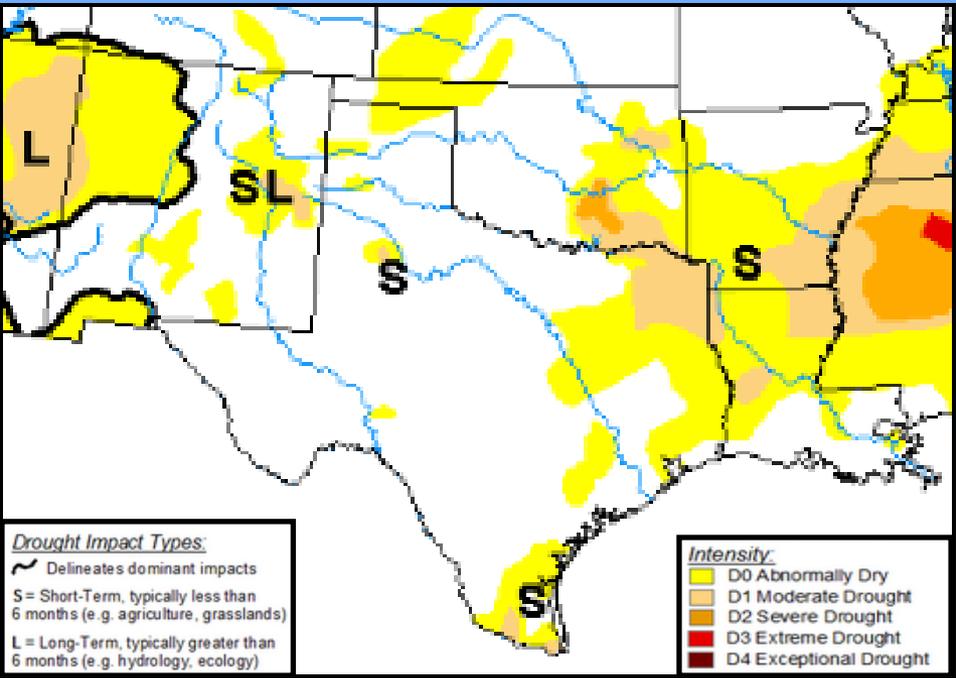
-  No Weather Threats Expected
-  Very Common – Happens Often
-  Common – Happens Frequently
-  Uncommon – A Few Times a Year
-  Rare – Once Every 1-5 Years
-  Very Rare – Once Every 5-10 Years

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



Drought Monitor Released October 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:
 Orange: 3 Class Degradation
 Yellow: 2 Class Degradation
 Light Yellow: 1 Class Degradation
 Grey: No Change
 Light Green: 1 Class Improvement
 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%

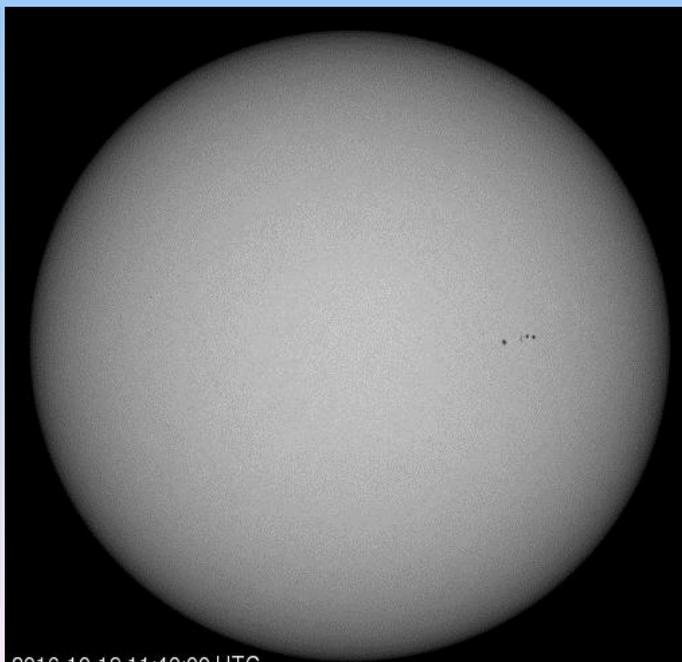
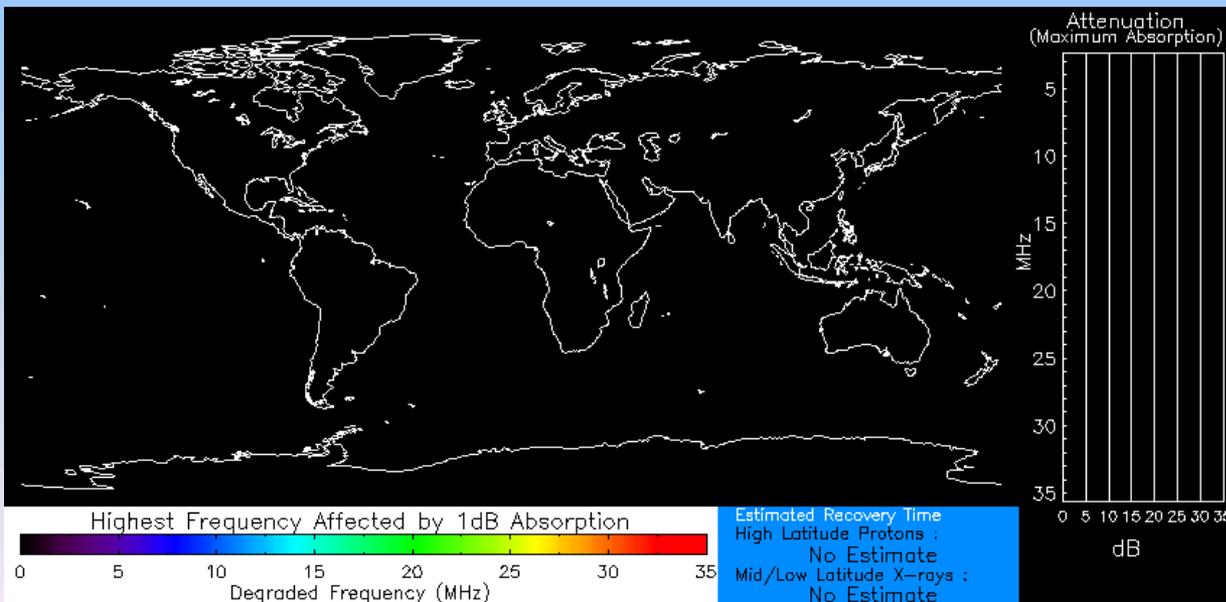
Space Weather 3-Day Forecast



	Wednesday	Thursday	Friday
Geomagnetic Storms	Quiet to Unsettled (Max Kp = 3)	Quiet (Max Kp = 2)	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 : 2016-10-19 12:13 UTC

Normal Proton Background
NOAA/SWPC Boulder, CO USA

2016-10-19 11:40:00 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.weather.gov/srh> (NEW link!!)

facebook

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

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 <u>seabreeze</u> 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