



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 06, 2016

Issued: 0800 CT

Day 1 Hazards: Slight risk for severe storms possible over portions of Central/Northern/Western OK into the eastern TX Panhandle this afternoon into the overnight hours; damaging winds/hail are the main risks.

National Weather Service

*Southern Region Headquarters
Regional Operations Center
Fort Worth, TX*



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

Key Points



Today

- Slight risk for severe thunderstorms over portions of Central/Northern/Western OK into the eastern TX Panhandle this afternoon and into tonight
 - Damaging winds/hail are the primary risks. Very low tornado risk.

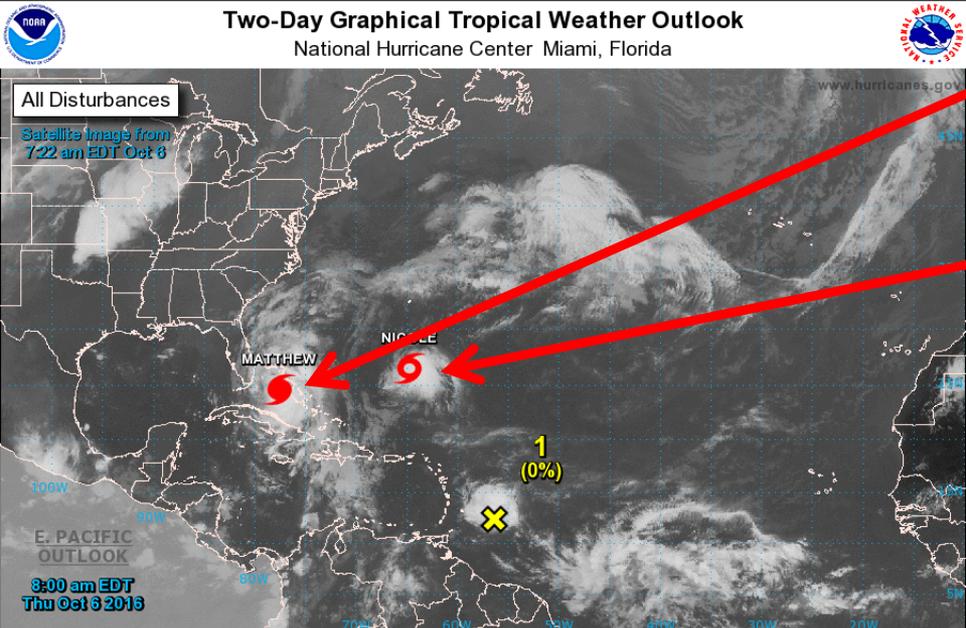
Friday - Monday

- No Significant Impacts
- The Neuces River at Tilden will rise to minor flood stage by late Monday/early Tuesday with no significant impacts expected

Tropical Outlook

- Hurricane Matthew will impact portions of the E coast of FL/GA/NC/SC over the next few days. No Impacts to FEMA Region 6
- Tropical Storm Nicole is expected to remain in the Atlantic with no impacts to FEMA Region 6
- A tropical wave is currently located a few hundred miles east of the Lesser Antilles. Development if any is expected to be slow.
 - Formation chance through 48 hours...low...near 0%
 - Formation chance through 5 days...low...20%

Tropical Weather Outlook



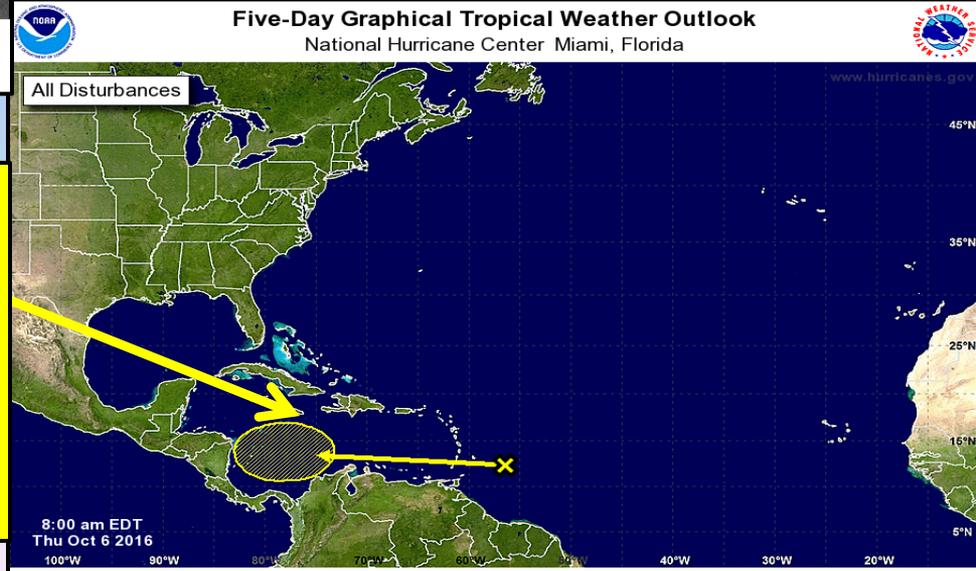
Information for Hurricane Matthew on the next slide. No impacts to FEMA 6.

Tropical Storm Nicole will meander N-NW, and remain in the Atlantic. No impacts are expected to the U.S.

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

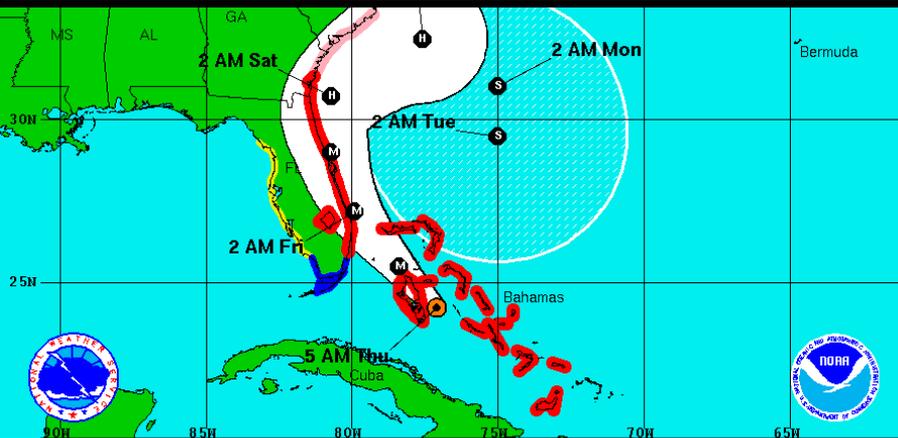
A tropical wave located a few hundred miles east of the Lesser Antilles is producing cloudiness and a few showers. Some development of this system is possible when the wave reaches the southwestern Caribbean Sea early next week.

- Formation chance through 48 hours...low...near 0 percent
- Formation chance through 5 days...low...20 percent

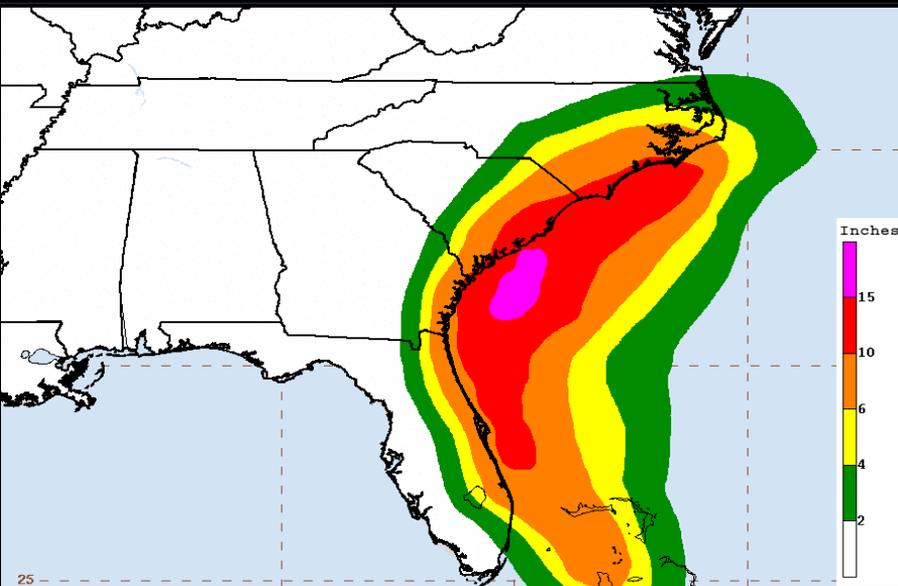


Tropical Cyclone Formation Potential for the Five-Day Period Ending at 8:00 am EDT Tue Oct 11 2016
Chance of Cyclone Formation in Five Days: Low < 40% Medium 40-60% High > 60%
X indicates current disturbance location; shading indicates potential formation area.

Hurricane Matthew



Hurricane Matthew Thursday October 6, 2016 5 AM EDT Advisory 33 NWS National Hurricane Center	Current Information: Center Location 24.2 N 77.1 W Max Sustained Wind 125 mph Movement NW at 12 mph	Forecast Positions: ● Tropical Cyclone ○ Post-Tropical Sustained Winds: D < 39 mph S 39-73 mph H 74-110 mph M > 110mph
Potential Track Area: Day 1-3 Day 4-5	Watches: Hurricane Trop.Storm	Warnings: Hurricane Trop.Storm

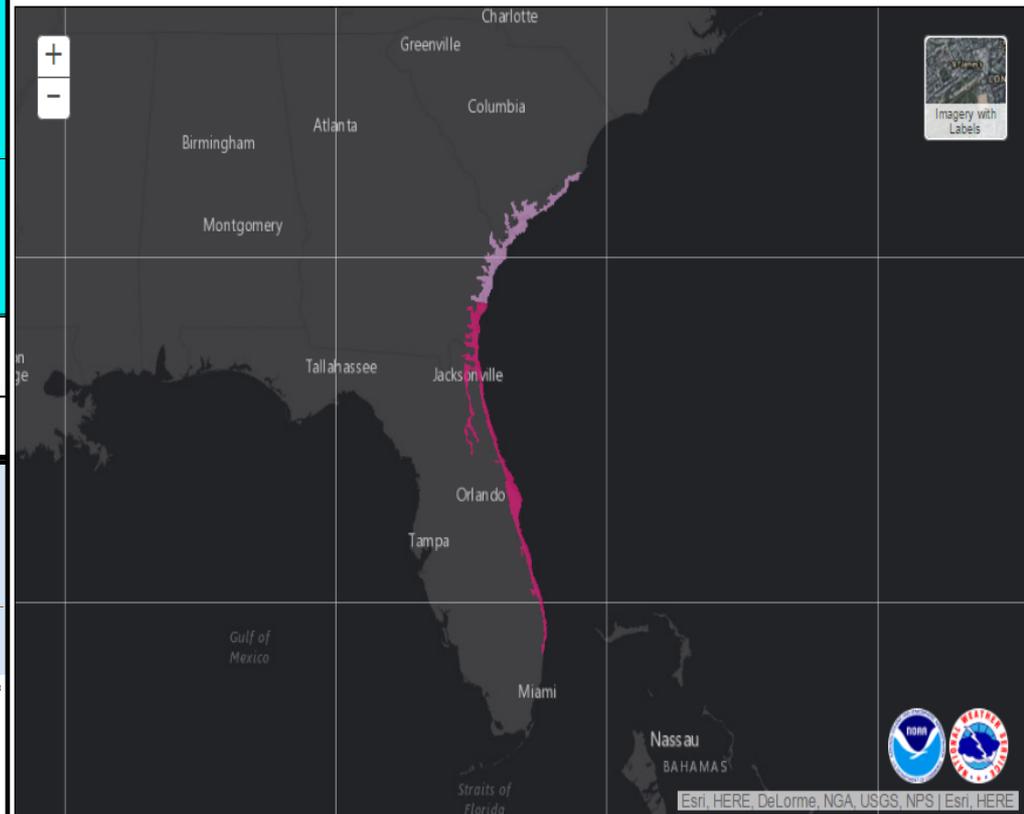


Hurricane MATTHEW
 72-hour Day 1-3 Rainfall Forecast (inches)
 Created 5:43 AM EDT Thu Oct 6 2016
 Valid 8:00 AM EDT Thu Oct 6 2016
 through 8:00 AM EDT Sun Oct 9 2016
 NOAA/NWS/NCEP/WPC

Local point maximum rainfall may be higher than shown.
 See the NHC public advisories for the latest tropical cyclone information.

Prototype Storm Surge Watch/Warning Graphic*

Hurricane MATTHEW
 Advisory 033 Issued: 5:00 AM EDT Thu Oct 6



Prototype Storm Surge Warning
 Prototype Storm Surge Watch

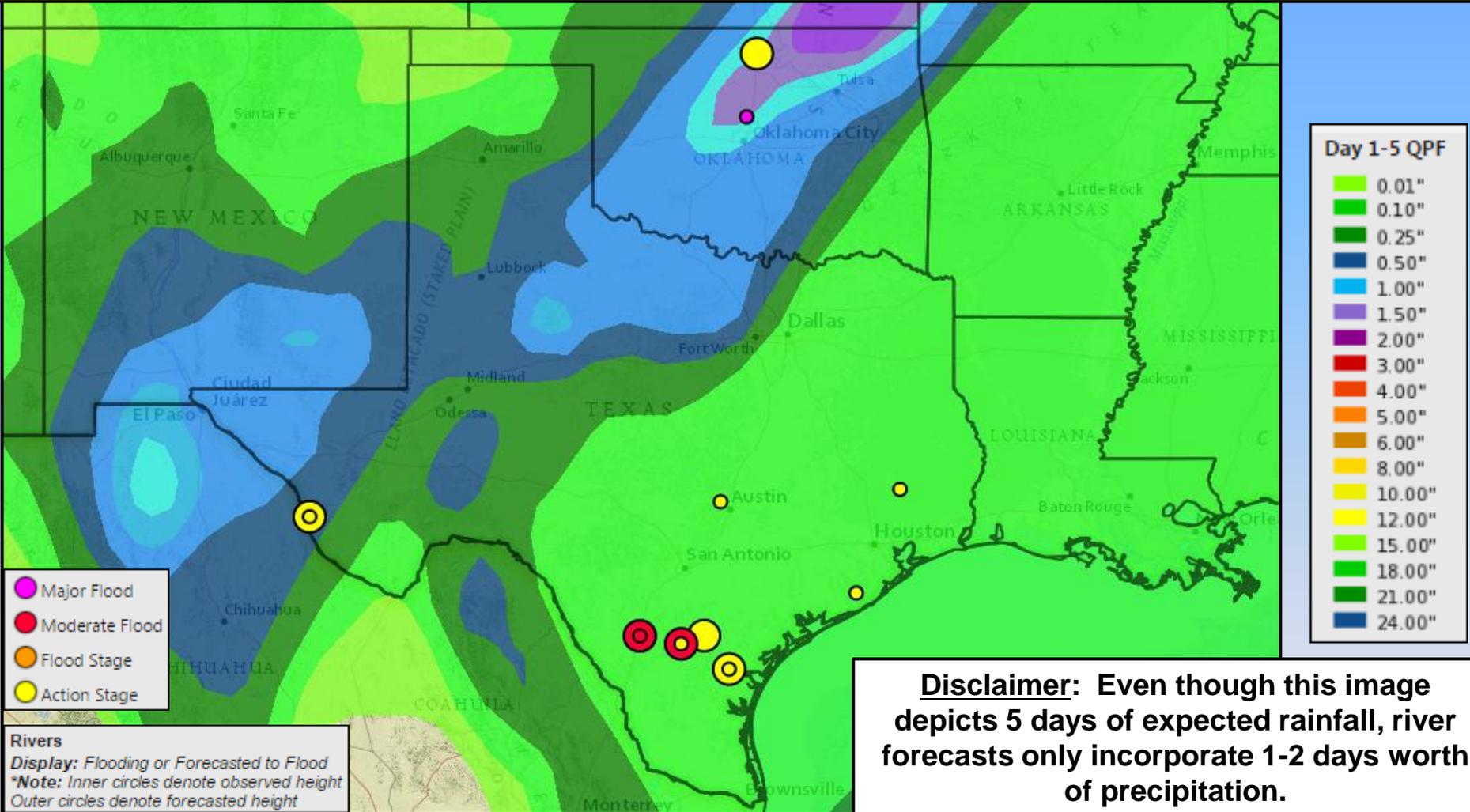
About this product:

Product Description

*Prototype Product - For official NWS tropical cyclone information, see hurricanes.gov. This graphic displays areas that would qualify for inclusion under a storm surge watch/warning that is under development by the National Weather Service. A storm surge warning indicates there is a danger of life-threatening inundation from rising water moving inland from the shoreline somewhere within the specified area, generally within 36 hours. A storm surge watch indicates that life-threatening inundation is possible somewhere within the specified area, generally within 48 hours. All persons, regardless of whether or not they are in the highlighted areas shown in the graphic, should promptly follow evacuation orders and other instructions from local officials.

5-Day Precipitation Forecast & River Flood Status

The Nueces River has dropped below flood stage but the Nueces at Tilden will rise into minor flood stage by early next week. Impacts primarily to livestock and lowland flooding.



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

FEMA JFO Baton Rouge, LA



New Orleans/Baton Rouge

Warm and Dry Weather Continues

Today



Partly Cloudy

Rain Chance:
5-10%

Highs:
86 to 91

Tonight



Mostly Clear

Rain Chance:
0%

Lows:
64 to 73

Friday



Mostly Sunny

Rain Chance:
0%

Highs:
87 to 91

Friday Night



Clear

Rain Chance:
0%

Lows:
63 to 73

Saturday



Sunny

Rain Chance:
0%

Highs:
85 to 90



weather.gov/NewOrleans



NWSNewOrleans



@NWSNewOrleans

10/6/2016
4:41 AM Central

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

*FEMA Region 6 Threat Matrix

Oct 6, 2016 - Oct 10, 2016

	THU	FRI	SAT	SUN	MON
Severe Weather	Central/Northern /Western OK into E TX Panhandle				
	NW TX into NE OK				
Heavy Rain / Flash Flooding					
Tropical					
Heat					
River Flooding					

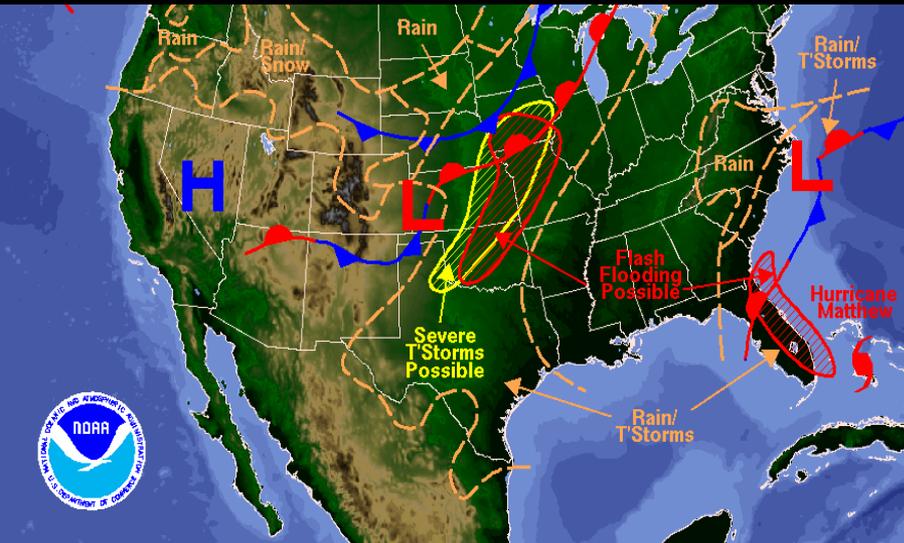
- No Weather Threats Expected
- Very Common – Happens Often
- Common – Happens Frequently
- Uncommon – A Few Times a Year
- Rare – Once Every 1-5 Years
- Very Rare – Once Every 5-10 Years

For more details on the colors in the threat matrix refer to the last slide in this briefing.

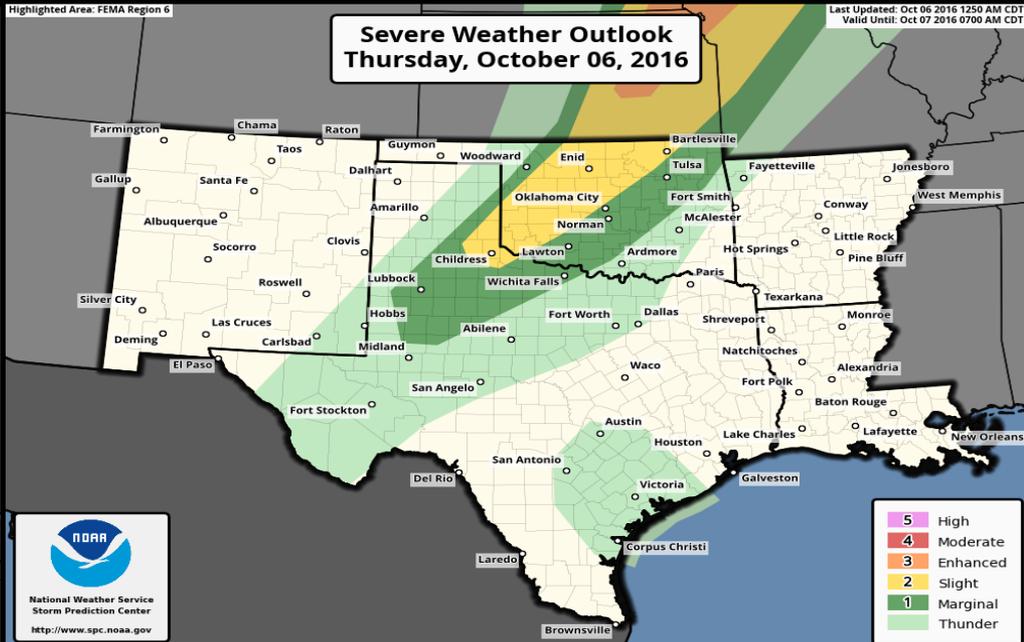
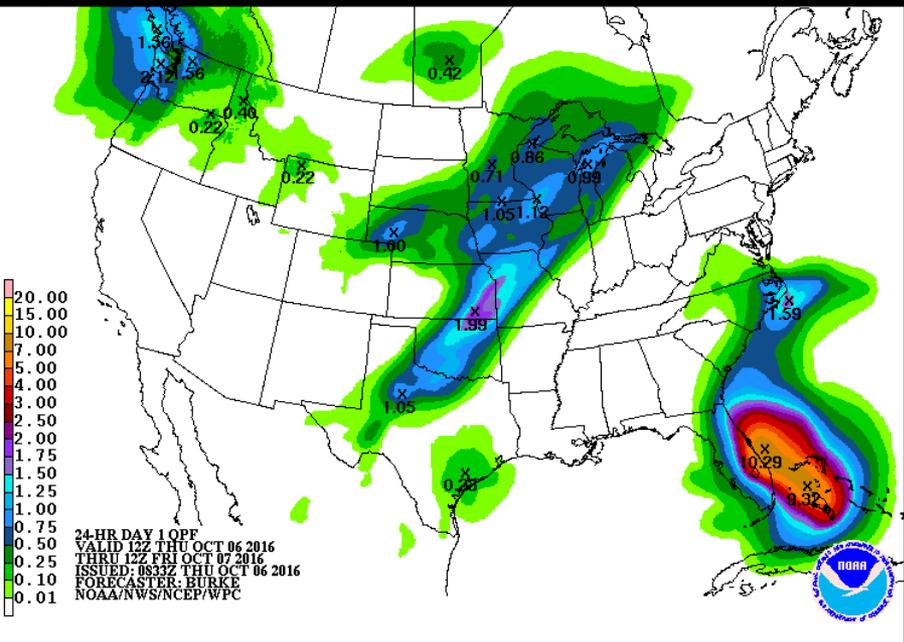


Today's Weather

Slight risk of severe storms for portions of Central/Northern/Western OK into the eastern TX Panhandle this afternoon into tonight; damaging winds and hail are the main threats.

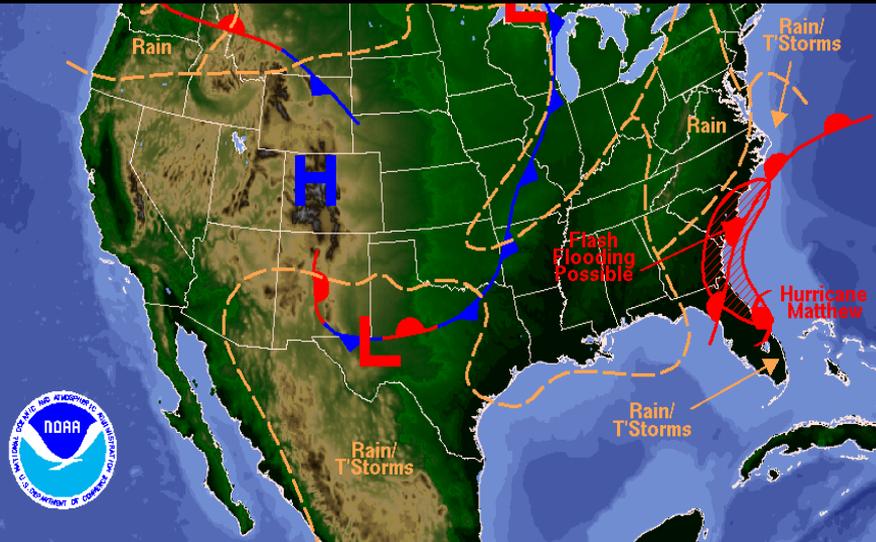


Weather Forecast for Thu, Oct 06, 2016, issued 4:28 AM EDT
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by McCreynolds based on WPC, SPC and NHC forecasts



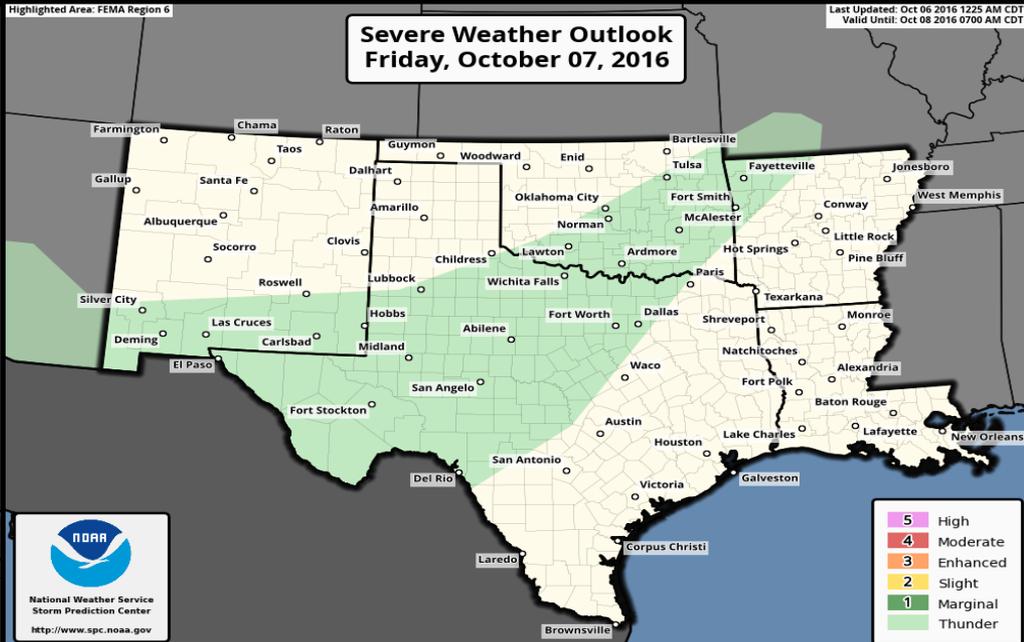
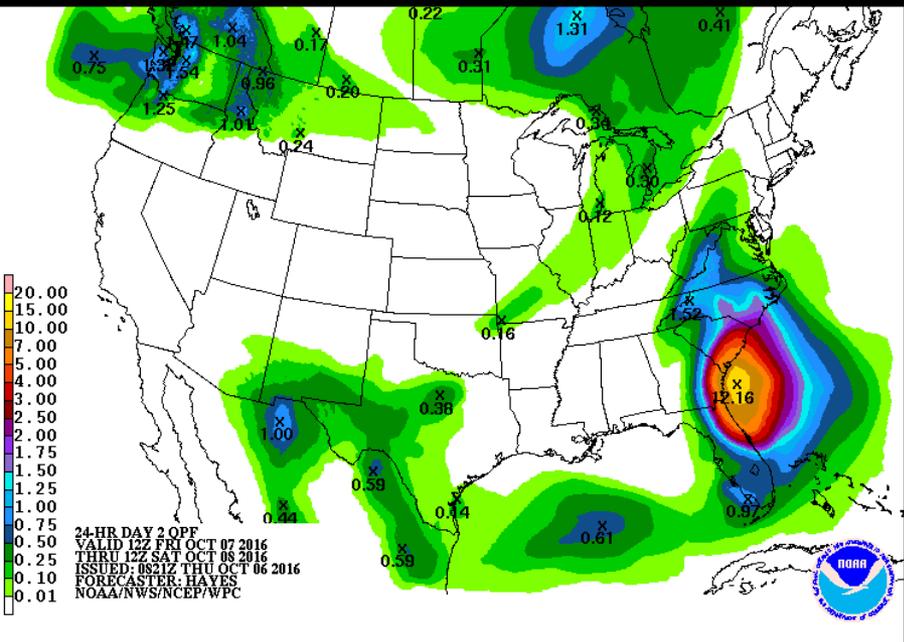
- 5 High
- 4 Moderate
- 3 Enhanced
- 2 Slight
- 1 Marginal
- Thunder

Tomorrow's Weather

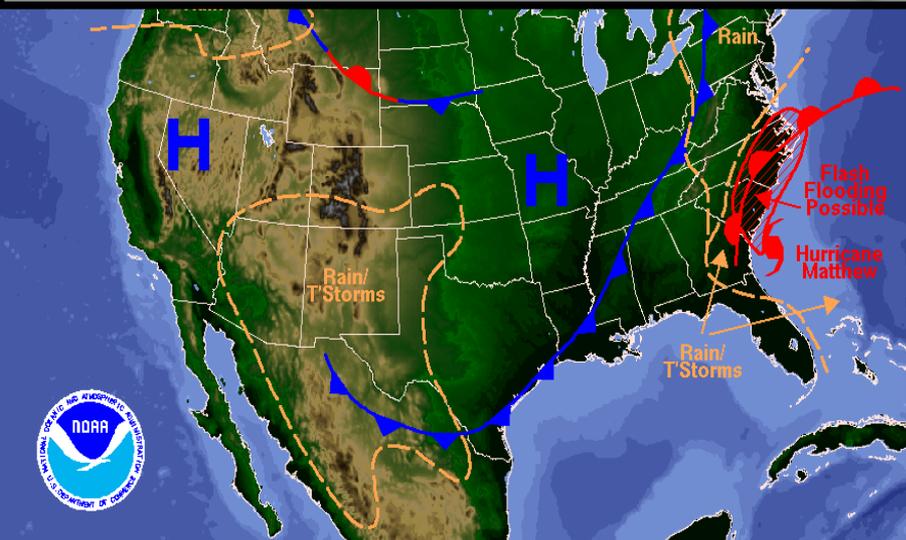


Weather Forecast for Fri, Oct 07, 2016, issued 4:43 AM EDT Thu, Oct 06, 2016
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by McReynolds based on WPC, SPC and NHC forecasts

No significant weather expected

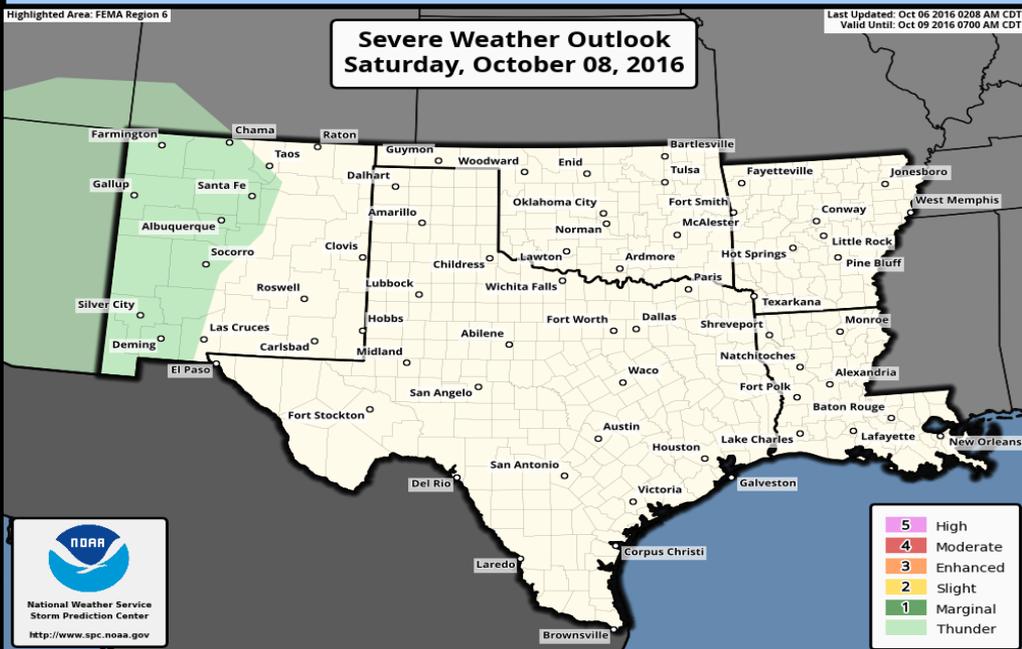
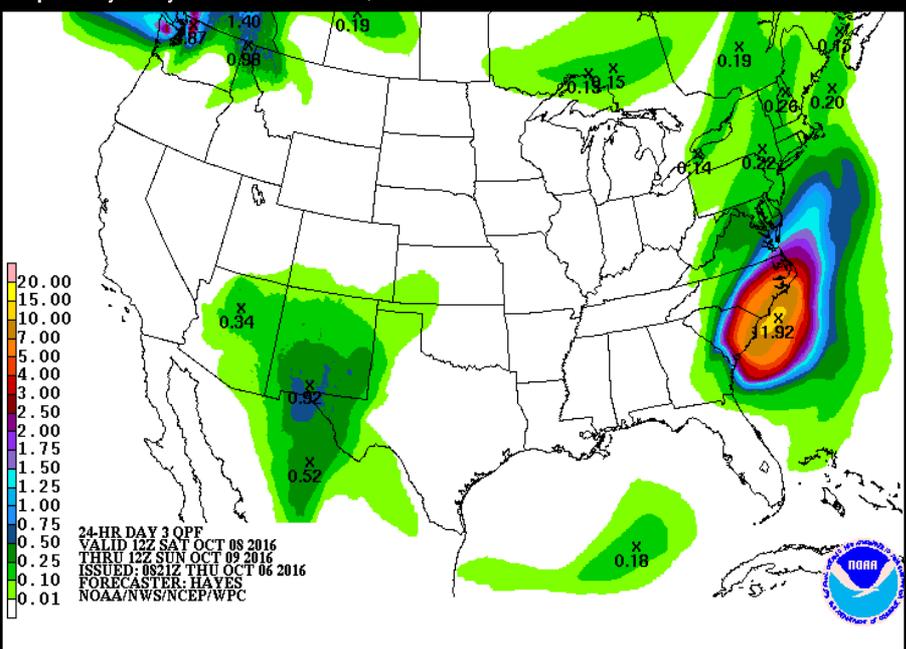


Saturday's Weather



Weather Forecast for Sat, Oct 08, 2016, issued 4:46 AM EDT Thu, Oct 06, 2016
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by McReynolds based on WPC, SPC and NHC forecasts

No significant weather expected



Day 4-5 Weather Hazards

Valid: 0800 Sun - 0800 Tue



No significant weather expected

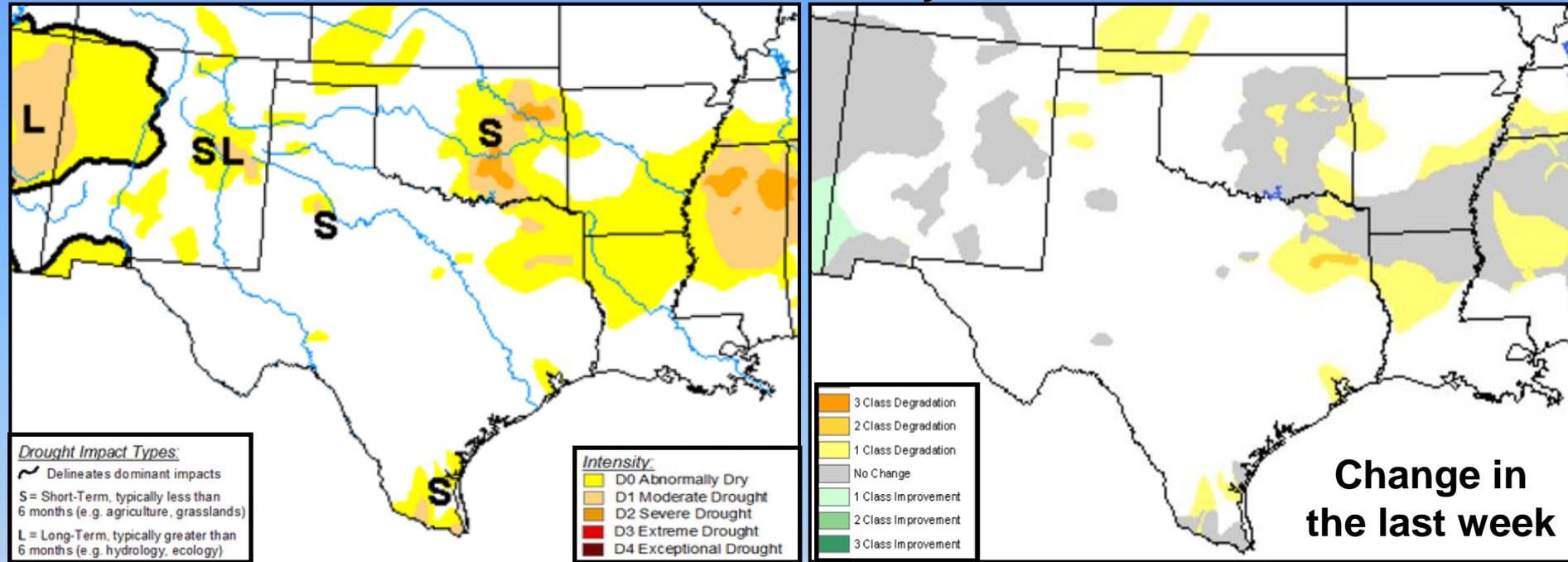
-  No Weather Threats Expected
-  Very Common – Happens Often
-  Common – Happens Frequently
-  Uncommon – A Few Times a Year
-  Rare – Once Every 1-5 Years
-  Very Rare – Once Every 5-10 Years

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



Drought Monitor Released October 6, 2016

Data valid as of 7am CDT, Tuesday October 4, 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%	1.46%
Texas	0.00%	0.00%	0.00%	10.17%
Arkansas	0.00%	0.00%	0.00%	6.43%
Louisiana	0.00%	0.00%	0.00%	18.36%
New Mexico	0.00%	0.00%	0.00%	0.00%

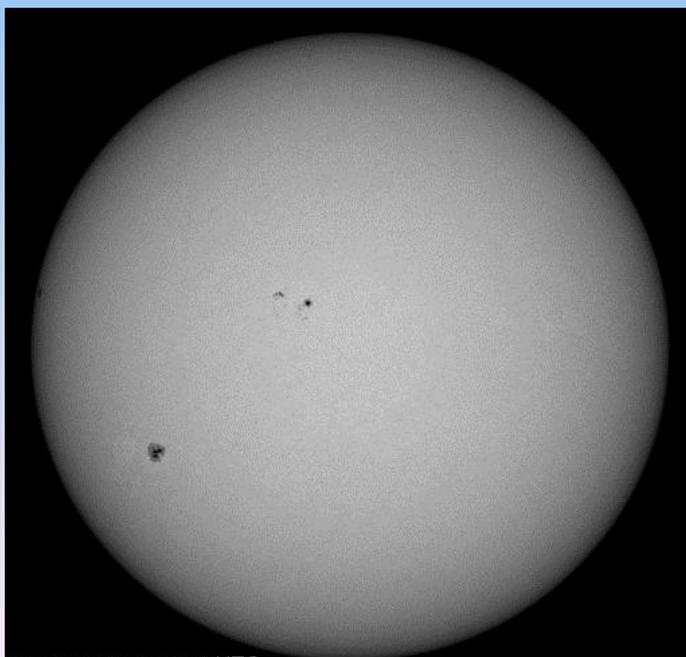
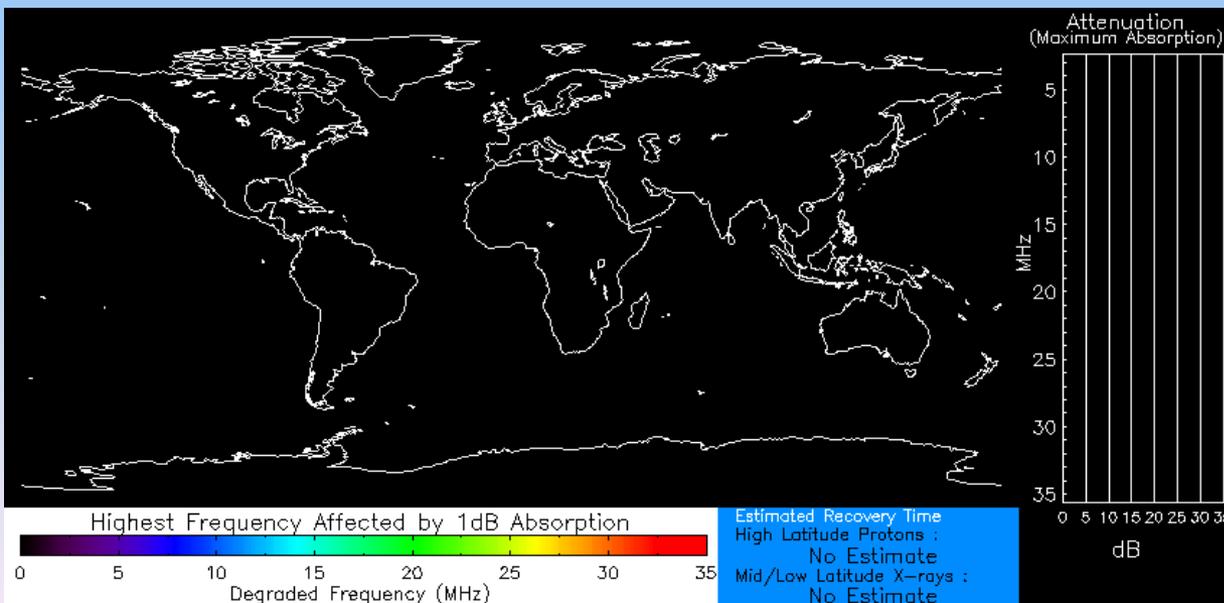
Space Weather 3-Day Forecast



	Thursday	Friday	Saturday
Geomagnetic Storms	Quiet (Max Kp = 2)	Quiet (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 : 2016-10-06 11:47 UTC

Normal Proton Background
NOAA/SWPC Boulder, CO USA

2016-10-06 11:10:00 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.srh.noaa.gov>

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<https://www.facebook.com/NWSSouthern> (**NEW link!!**)

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