



# 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 09, 2016  
Issued: 0800 CT

**Day 1 Hazards:** Strong/severe thunderstorms possible over NM.

**River Flood Hazards:** Moderate river flooding in northern OK with impacts primarily to agriculture and secondary roads.

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

- Strong to severe thunderstorms possible across central and southern NM.
- A few river points in northern OK and one point along the Nueces River in South TX remain in moderate flood stage over the next 5 days.
  - Impacts primarily to agriculture and secondary roads.

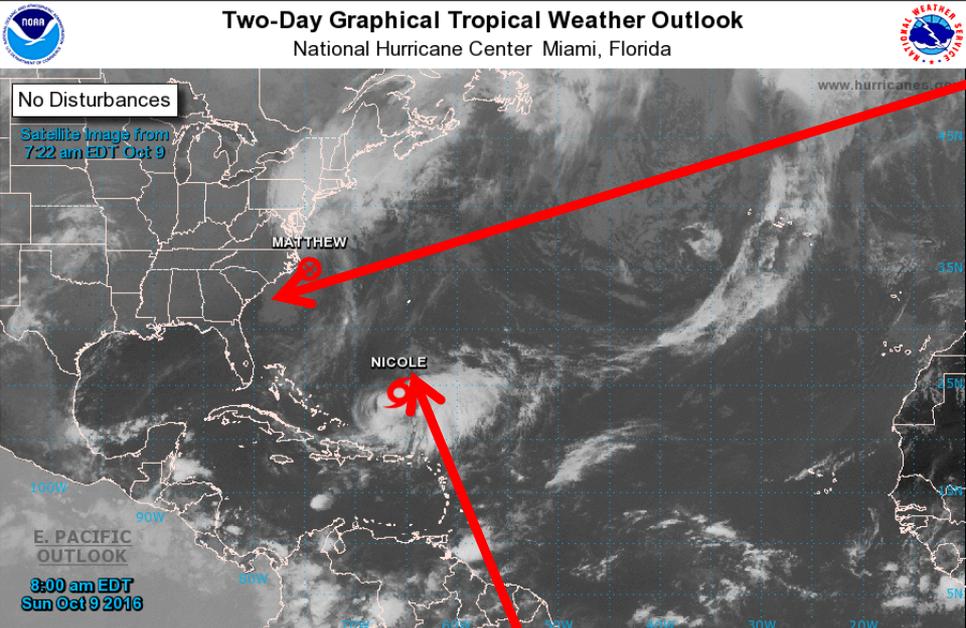
## Monday - Thursday

- Scattered showers and thunderstorms possible across northern OK into the TX panhandle Monday and Tuesday.
- A few river points in northern OK and one point along the Nueces River in South TX are at or forecast to be in moderate flood stage over the next 5 days
  - Impacts primarily to agriculture and secondary roads

## Tropical Outlook

- Nicole is expected to remain in the Atlantic with no impacts to FEMA Region 6
- No new tropical cyclones are expected during the next 5 days

# Tropical Weather Outlook



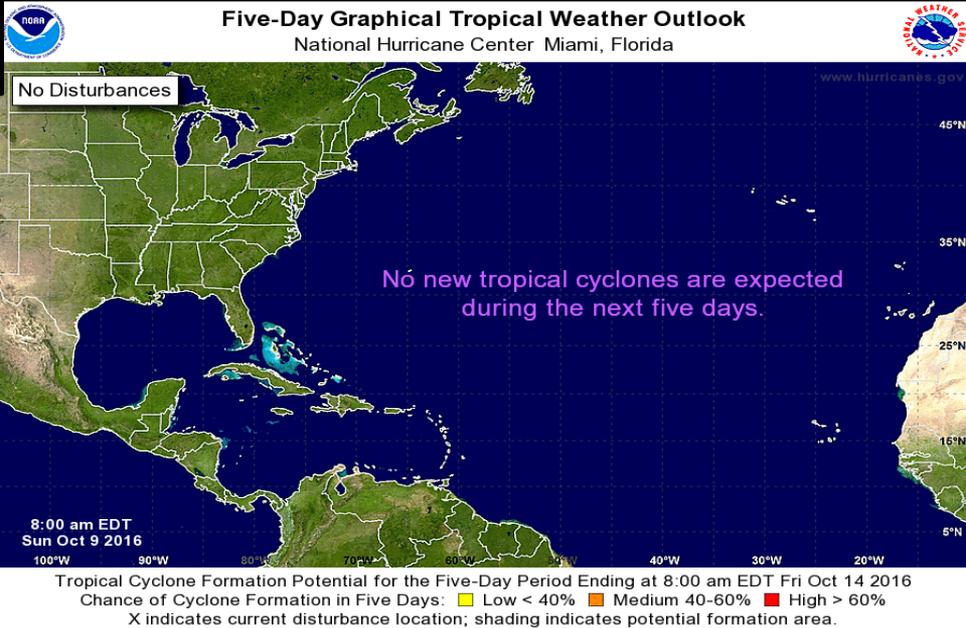
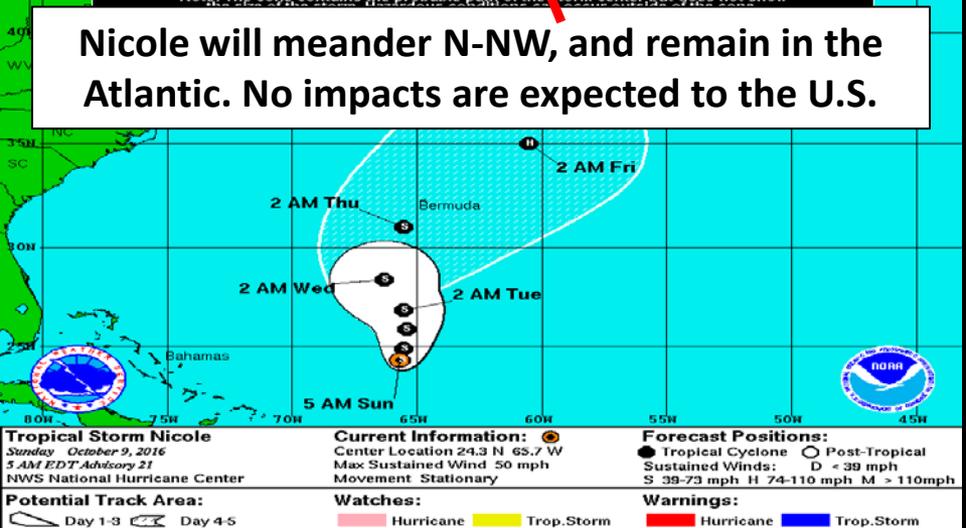
Information for Hurricane Matthew on the next slide. Impacts to FEMA IV through the weekend.

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

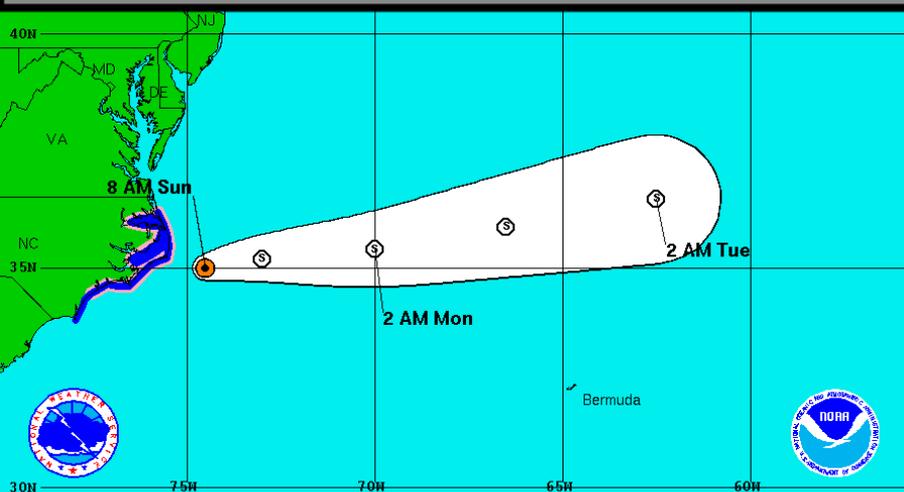
Tropical or Sub-Tropical Cyclone: Depression Storm Hurricane

Post-Tropical Cyclone Remnants

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



# Hurricane Matthew



**Post-Tropical Cyclone Matthew**  
 Sunday October 9, 2016  
 8 AM EDT Intermediate Advisory 45A  
 NWS National Hurricane Center

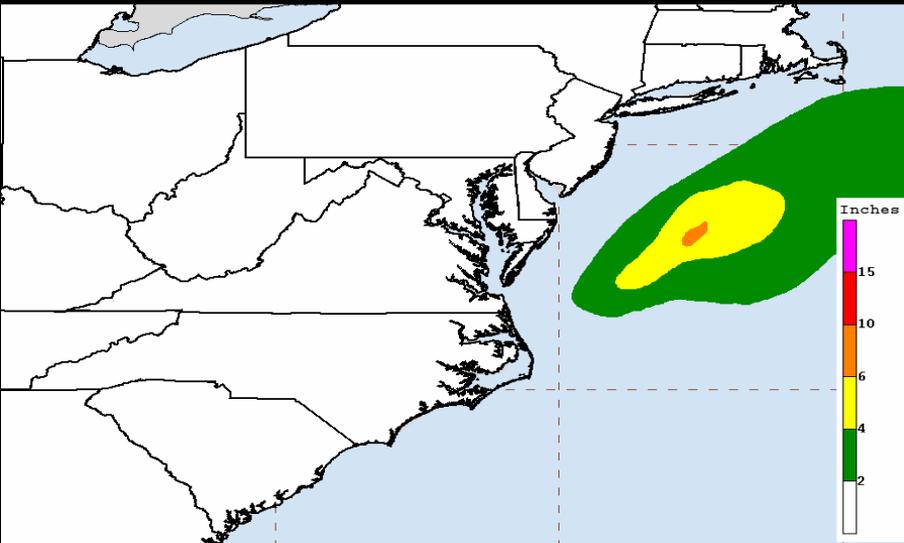
**Current Information:**  
 ● Tropical Cyclone ○ Post-Tropical  
 Center Location 35.0 N 74.5 W  
 Max Sustained Wind 75 mph  
 Movement ENE at 14 mph

**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

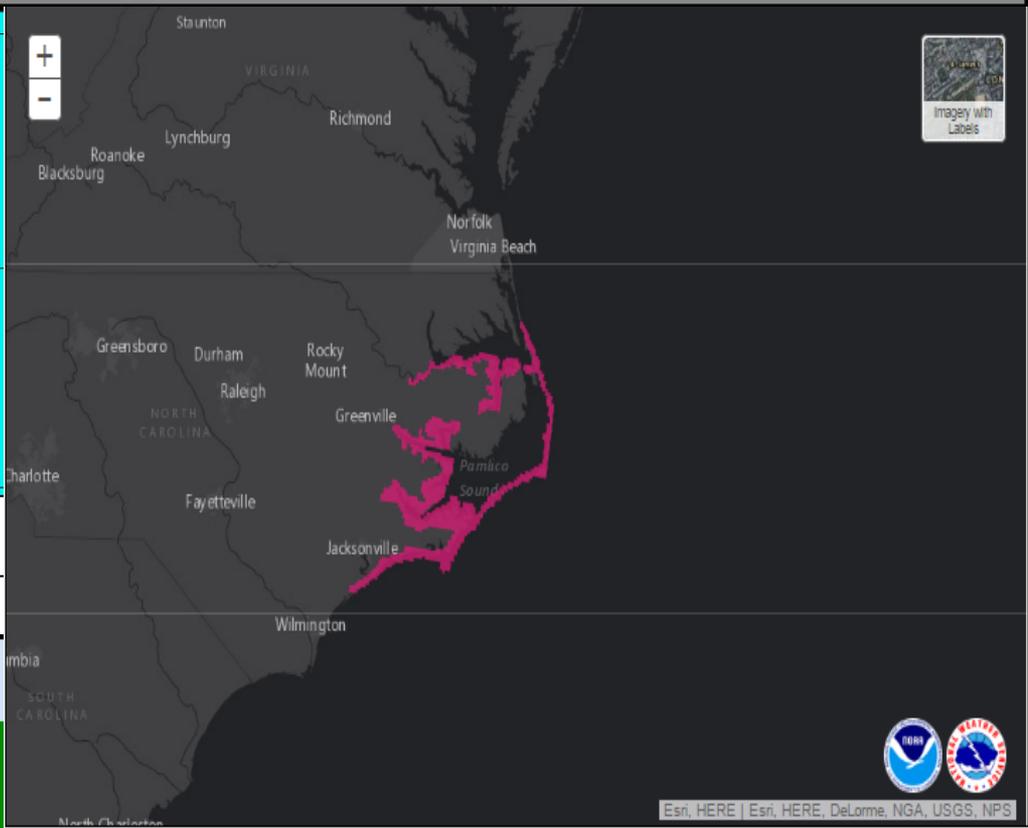
**Watches:**  
 Hurricane Trop.Storm

**Warnings:**  
 Hurricane Trop.Storm



**Post-Tropical Cyclone MATTHEW**  
 24-hour Day 1 Rainfall Forecast (inches)  
 Created 5:04 AM EDT Sun Oct 9 2016  
 Valid 8:00 AM EDT Sun Oct 9 2016  
 through 8:00 AM EDT Mon Oct 10 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.



Esri, HERE | Esri, HERE, DeLorme, NGA, USGS, NPS

Prototype Storm Surge Warning  
 Prototype Storm Surge Watch

## About this product:

### Product Description

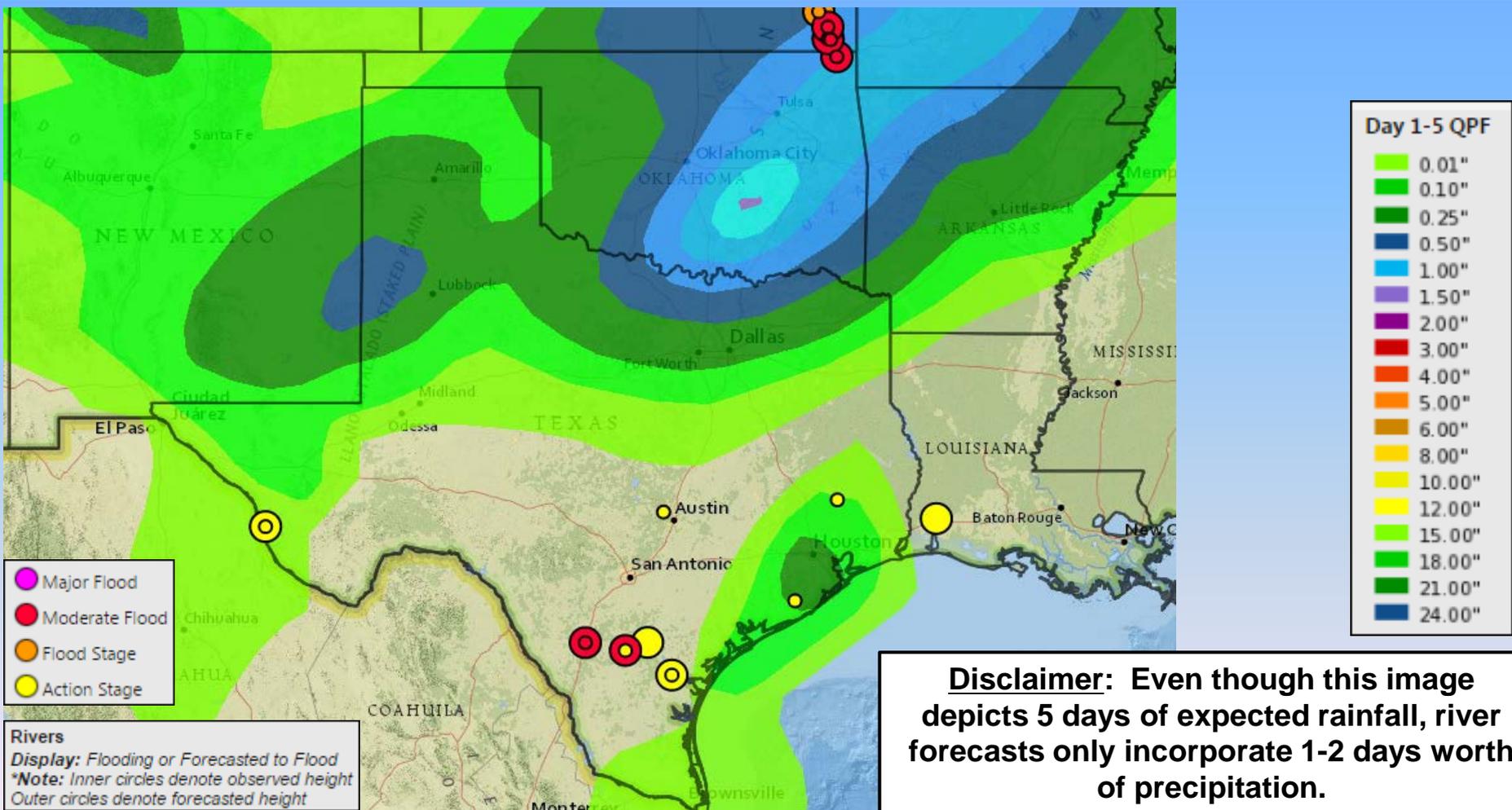
\*Prototype Product - For official NWS tropical cyclone information, see [hurricanes.gov](http://hurricanes.gov). This graphic displays areas that would qualify for inclusion under a storm surge watch/warning that is under development by the National Weather Service. A storm surge warning indicates there 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.

Upon completion of development, formal public comment/review of this graphic and the experimental storm surge watch/warning will take place in 2016, with operational implementation planned in 2017, if approved.

This map functions best when viewed in the most up to date versions of the following browsers:  
 Chrome, Firefox, Safari, Internet Explorer (Version 9 or later).

# 5-Day Precipitation Forecast & River Flood Status

- A few river points in northern OK and one point along the Nueces River in South TX are at, or forecast to be, in moderate flood stage over the next 5 days
  - Impacts primarily to agriculture and secondary roads



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

# FEMA JFO Baton Rouge, LA



*New Orleans/Baton Rouge*

## Cool Nights and Warm Days Through Tuesday

Today



Sunny

Rain Chance:  
0%

Highs:  
80 to 85

Tonight



Clear and Cool

Rain Chance:  
0%

Lows:  
51 to 57 North  
57 to 65 South

Columbus  
Day



Sunny

Rain Chance:  
0%

Highs:  
Mid 80s

Monday  
Night



Clear and Cool

Rain Chance:  
0%

Lows:  
52 to 60 North  
60 to 65 South

Tuesday



Sunny

Rain Chance:  
0%

Highs:  
81 to 86



weather.gov/NewOrleans



NWSNewOrleans



@NWSNewOrleans

10/9/2016  
4:12 AM Central

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

# \*FEMA Region 6 Threat Matrix

Oct 9, 2016 - Oct 13, 2016

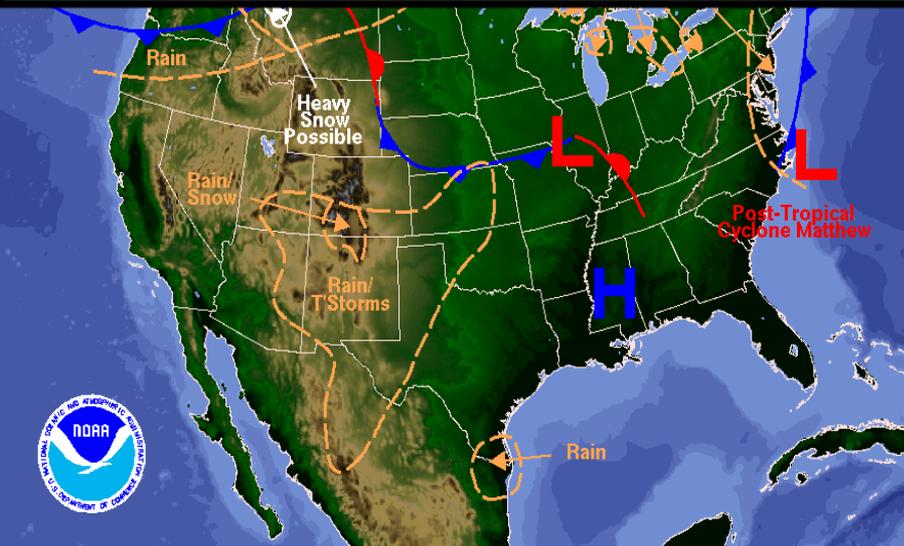
	SUN	MON	TUE	WED	THU
Severe Weather	NM				
Heavy Rain / Flash Flooding					
Tropical					
Heat					
River Flooding	N OK	N OK	N OK	N OK/S TX	N OK/S TX

- 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.*



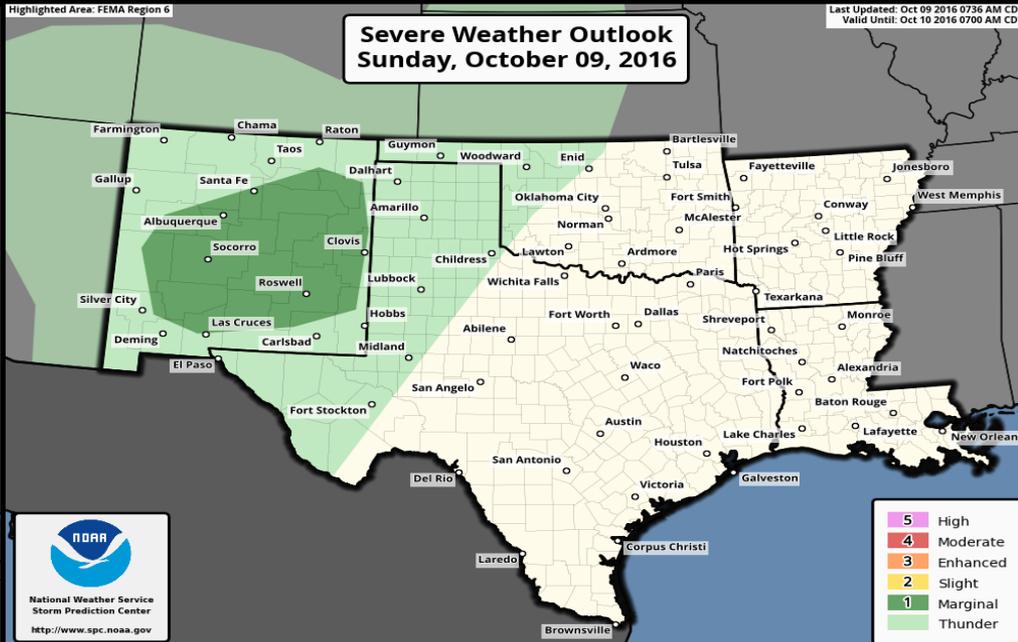
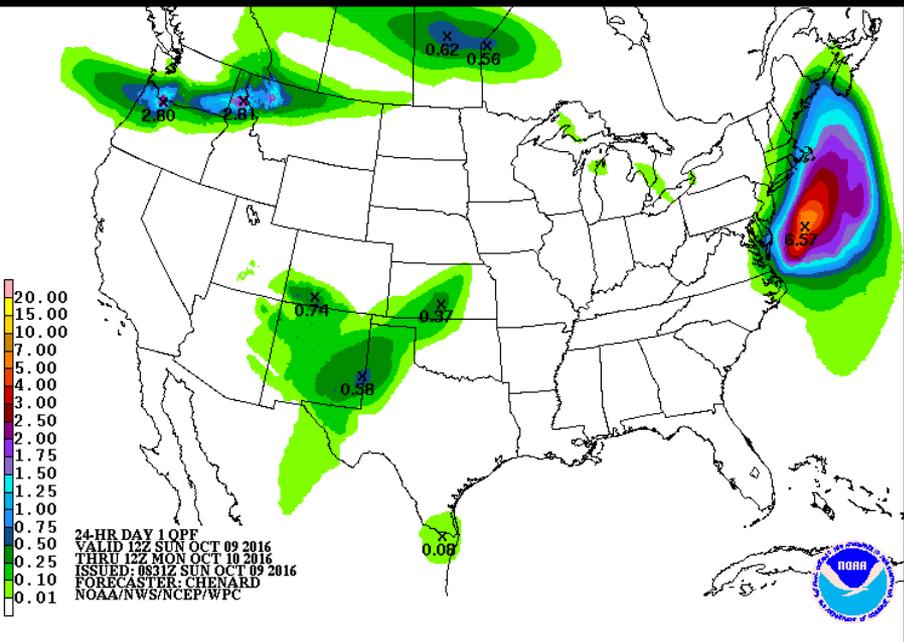
# Today's Weather



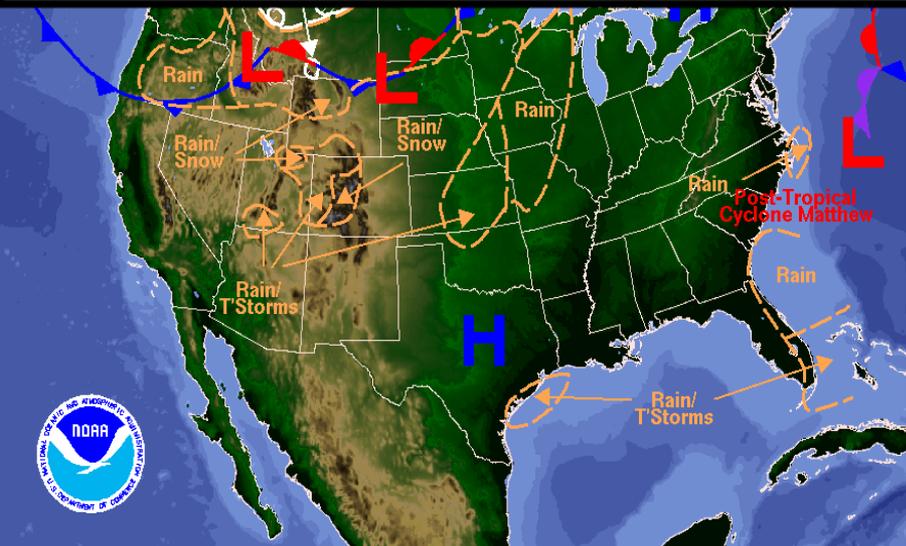
Weather Forecast for Sun, Oct 09, 2016, issued 5:17 AM EDT  
 DOC/NOAA/NWS/NCEP/Weather Prediction Center  
 Prepared by McReynolds based on WPC, SPC and NHC forecasts

**Strong/severe thunderstorms possible over NM.**

**Moderate/minor river flooding over NE OK and S TX.**



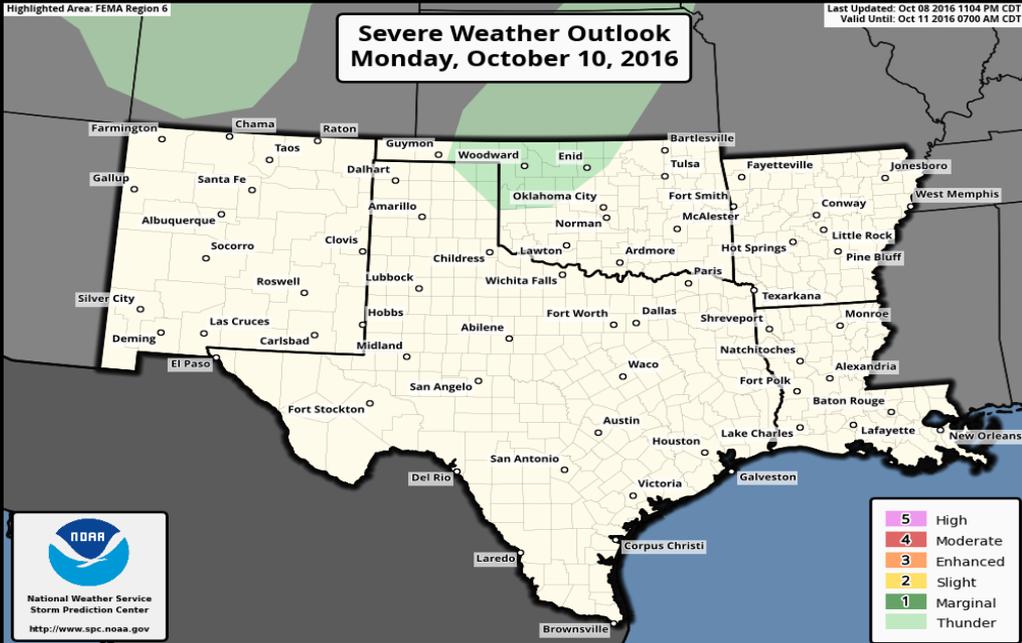
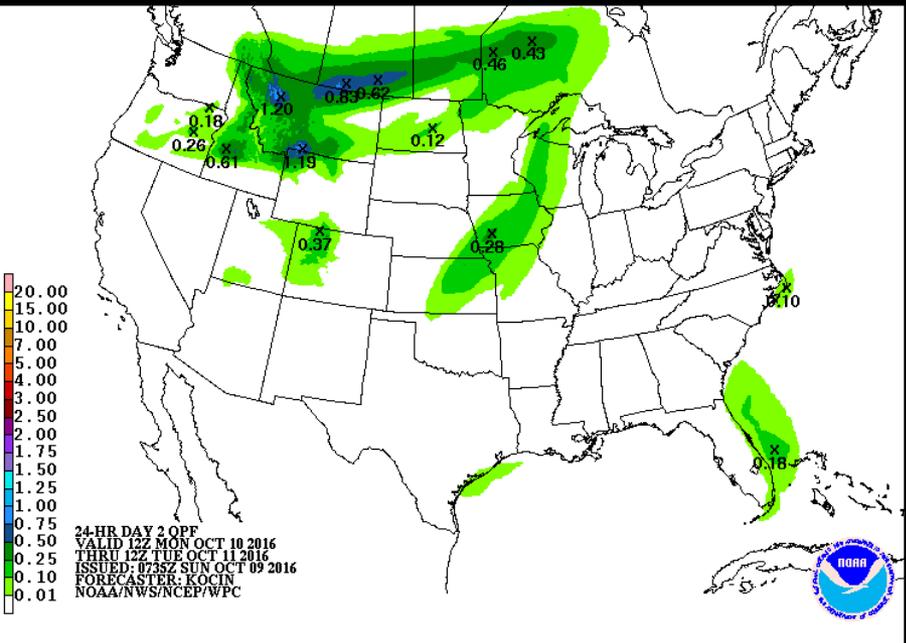
# Tomorrow's Weather



**Scattered showers and thunderstorms possible over N OK into the TX Panhandle.**

**Moderate/minor river flooding over NE OK and S TX.**

Weather Forecast for Mon, Oct 10, 2016, issued 5:08 AM EDT Sun, Oct 09, 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



**No significant weather expected**

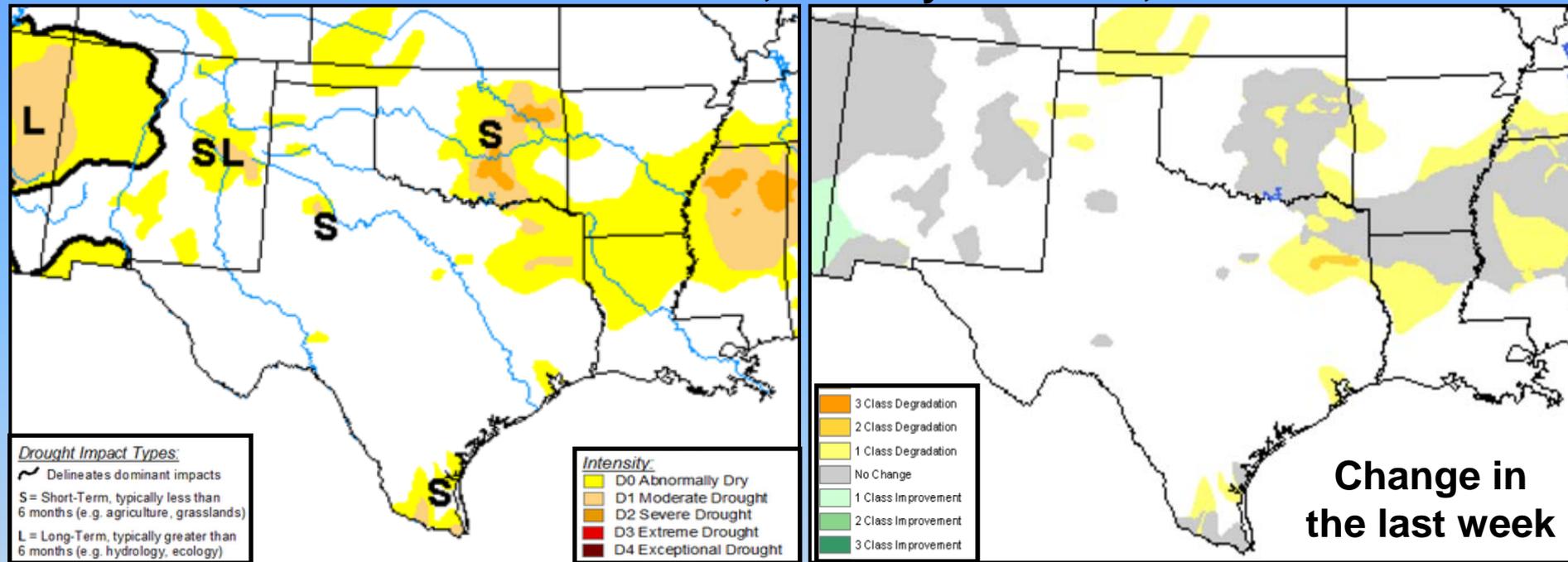
- No Weather Threats Expected
- Very Common – Happens Often
- Common – Happens Frequently
- Uncommon – A Few Times a Year
- Rare – Once Every 1-5 Years
- Very Rare – Once Every 5-10 Years

\*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%

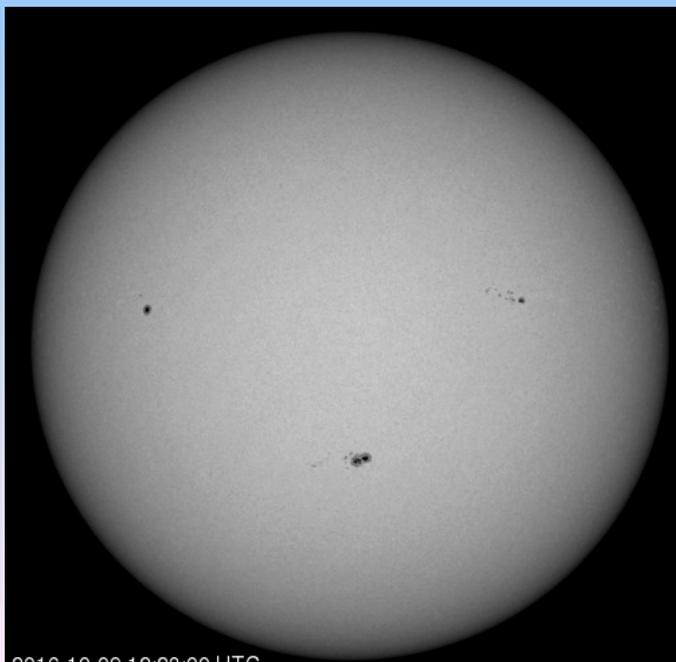
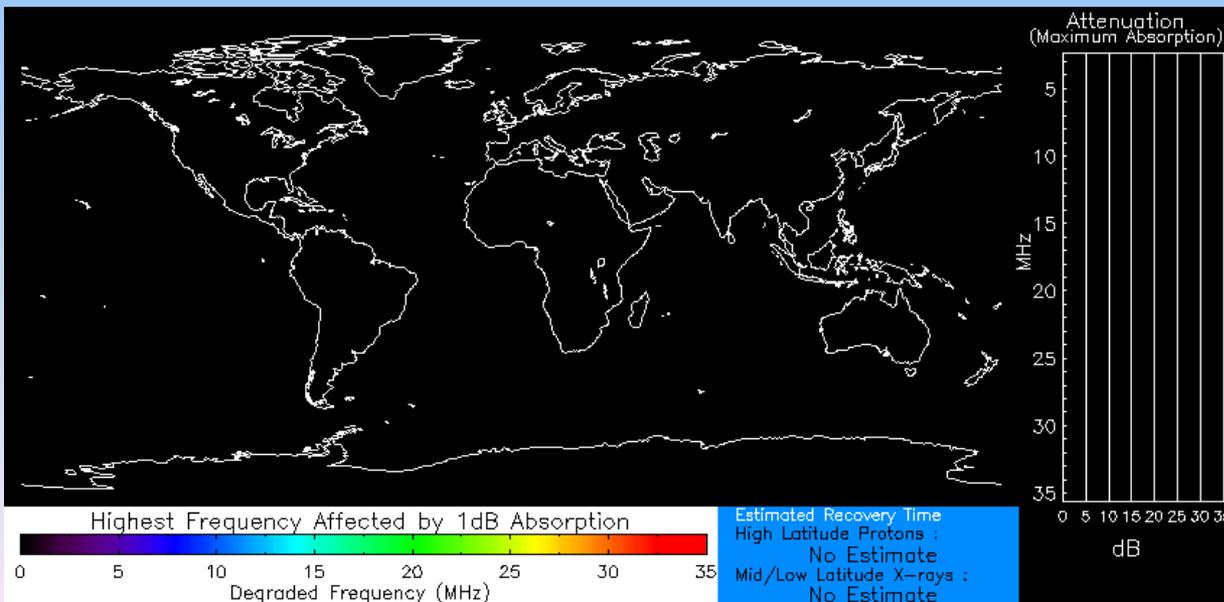
# Space Weather 3-Day Forecast



	Sunday	Monday	Tuesday
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 : 2016-10-09 12:58 UTC

Normal Proton Background  
NOAA/SWPC Boulder, CO USA

2016-10-09 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.srh.noaa.gov>

facebook

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

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>