



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, September 14, 2016

Issued: 0800 CT

Day 1 Hazards: Isolated areas of flash flooding possible over eastern NM into the TX/OK Panhandles. Isolated severe storms with damaging winds/hail possible over eastern NM.

National Weather Service

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



**Prepared by: Brian Hoeth
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Key Points



Wednesday

- Isolated flash flooding possible over eastern NM into the TX/OK Panhandles
- Isolated severe storms w/ damaging winds/hail possible over eastern NM

Thursday – Sunday

- Isolated severe storms and/or flash flooding possible over E NM into the TX/OK Panhandles and NW OK Thursday
- Increased chances for rain over OK, NW AR, into NW TX Friday sagging southward into S OK and North/West TX this weekend ... Isolated areas of flash flooding are possible

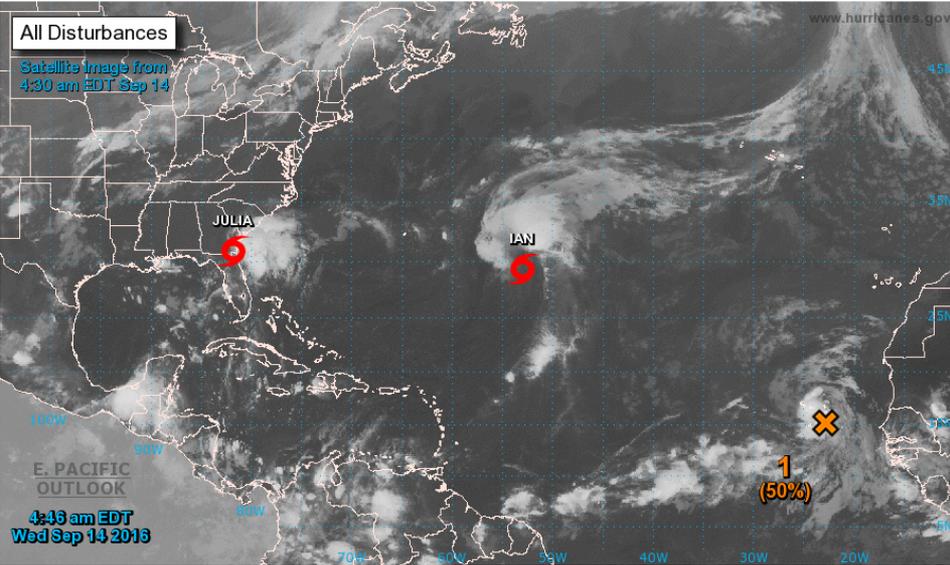
Tropical Outlook

- No impacts to FEMA 6 from Tropical Storms Ian or Julia
- Monitoring 2 areas of development off the west coast of Africa

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

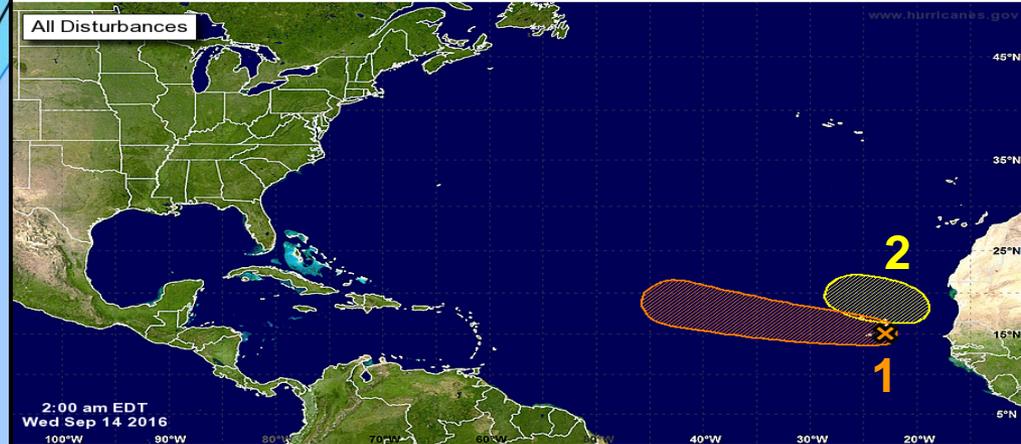
No impacts to FEMA 6 from Tropical Storms Ian or Julia

Area 1... A tropical wave is located off the west coast of Africa near the Cabo Verde Islands. Slow development of this system is possible during the next few days while it moves west-northwestward at 10-15 mph. Formation chance through 48 hours...medium... 50% Formation chance through 5 days...medium...60%

Area 2... Another tropical wave is expected to develop and move off of the west coast of Africa late this week. Some slow development of this system is possible thereafter while it moves west-northwestward. Formation chance through 48 hours is...low...near 0% Formation chance through 5 days is...low...20%



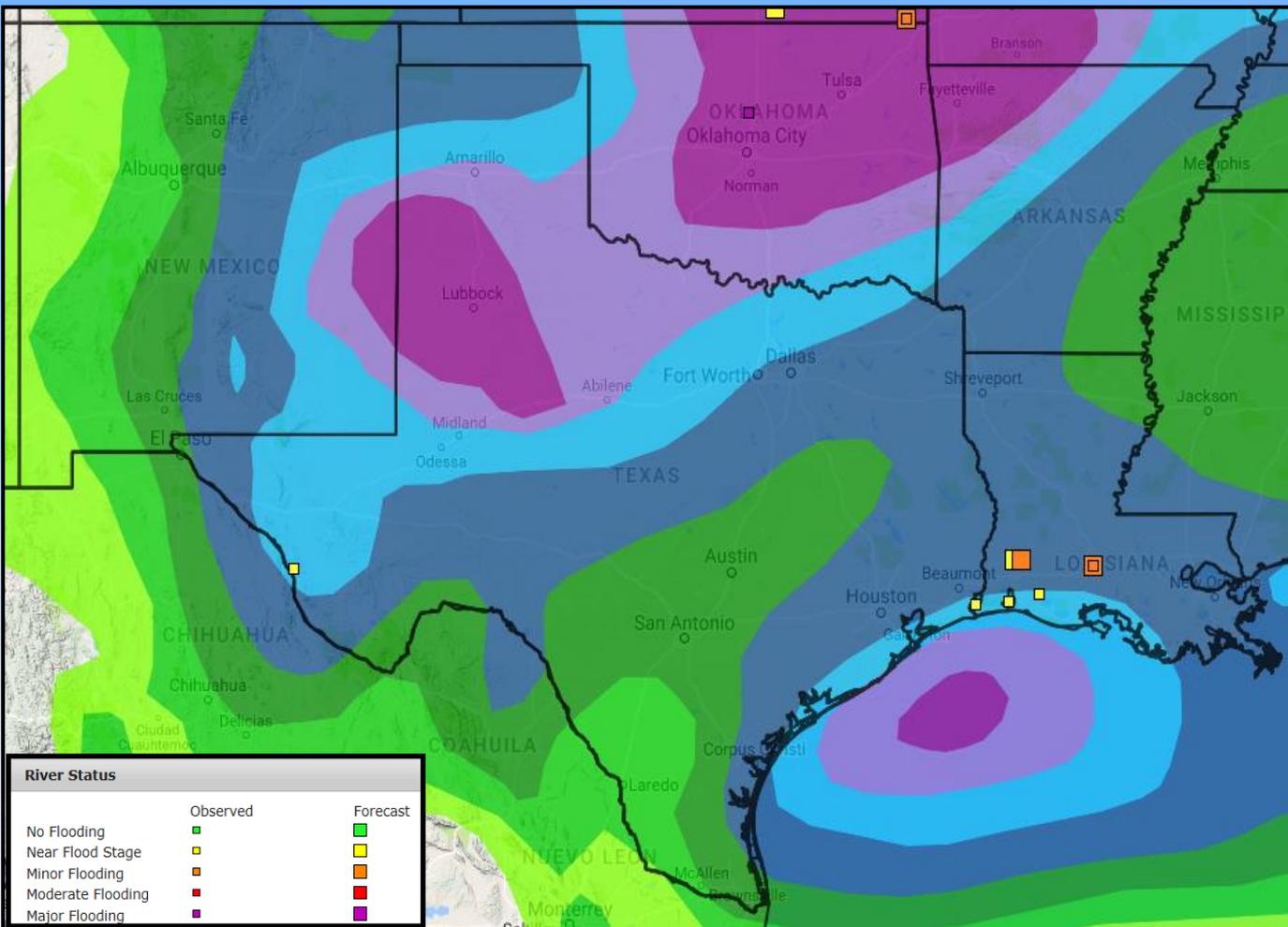
Five-Day Graphical Tropical Weather Outlook
National Hurricane Center Miami, Florida



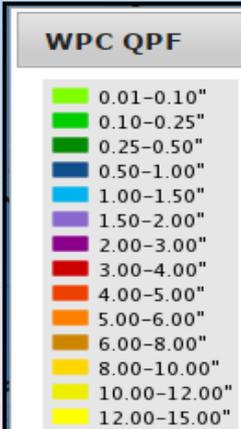
Tropical Cyclone Formation Potential for the Five-Day Period Ending at 2:00 am EDT Mon Sep 19 2016
Chance of Cyclone Formation in Five Days: Low < 40% Medium 40-60% High > 60%
X indicates current disturbance location; shading indicates potential formation area.

River Flood Status/5 Day Forecast Rainfall

Lingering minor river flooding continues over some areas in SW LA but will drop below flood stage by late today or early tomorrow.



Disclaimer: Although this image shows the next 5 days of expected rainfall, river forecasts only incorporate 1-2 days worth of precipitation.



River Status		
	Observed	Forecast
No Flooding	[Green]	[Green]
Near Flood Stage	[Yellow]	[Yellow]
Minor Flooding	[Orange]	[Orange]
Moderate Flooding	[Red]	[Red]
Major Flooding	[Purple]	[Purple]

See <http://www.srh.noaa.gov/rfcexp/main.php?fs=1> for the latest on river flooding

FEMA JFO Baton Rouge, LA

Overview:

- Scattered afternoon/evening thunderstorms each day
- A few of these thunderstorms could turn strong and produce frequent lightning strikes, strong gusty winds, and brief heavy downpours

Today



Mostly Sunny
then Chance
T-storms

High: 91 °F

Tonight



Chance
T-storms then
Mostly Cloudy

Low: 74 °F

Thursday



Chance
T-storms

High: 91 °F

Thursday
Night



Slight Chance
T-storms

Low: 73 °F

Friday



Chance
T-storms

High: 92 °F

Friday
Night



Slight Chance
T-storms

Low: 74 °F

Saturday



Chance
T-storms

High: 90 °F

Saturday
Night



Chance
T-storms

Low: 74 °F

Sunday



Chance
T-storms

High: 90 °F

See <http://www.srh.noaa.gov/rfcexp/main.php?fs=1> for the latest on river flooding

*FEMA Region 6 Threat Matrix

Sep 14, 2016 - Sep 18, 2016

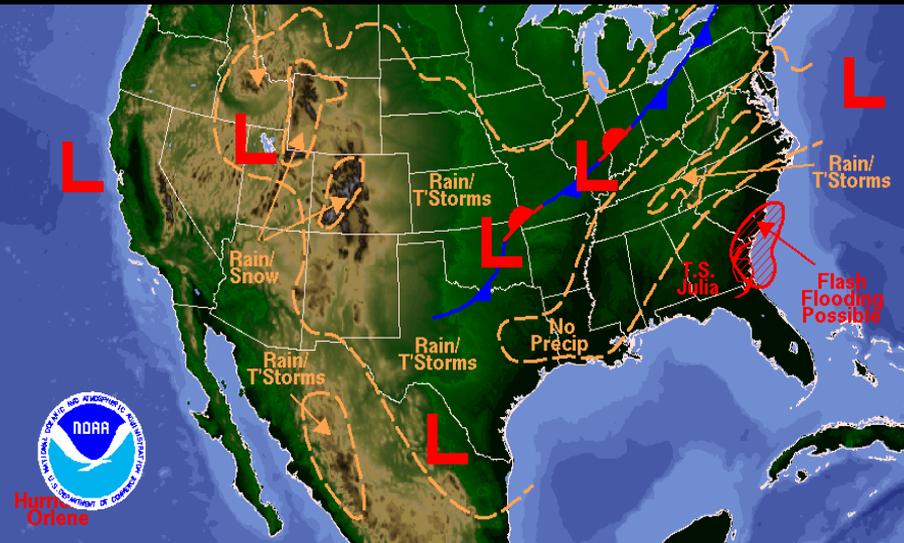
	WED	THU	FRI	SAT	SUN
Severe Weather	E NM	E NM, TX/OK Panhandles, NW OK			
Heavy Rain / Flash Flooding	E NM, TX/OK Panhandles, NW OK	E NM, TX/OK Panhandles, NW OK	OK, NW AR, NW TX	S OK, North/West TX	S OK, North/West TX
Tropical					
Heat					
River Flooding					

	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.



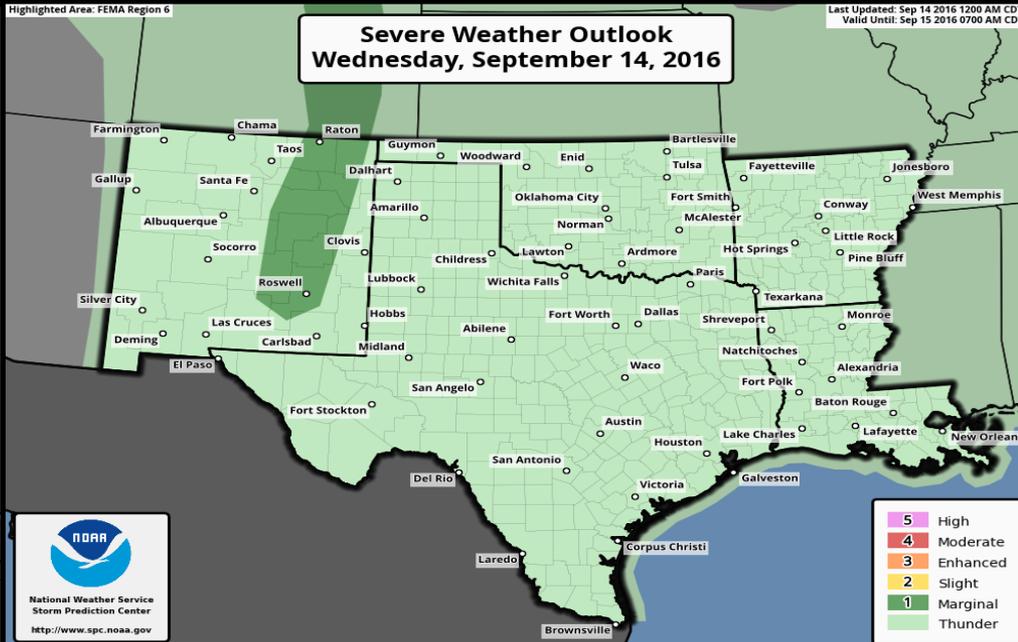
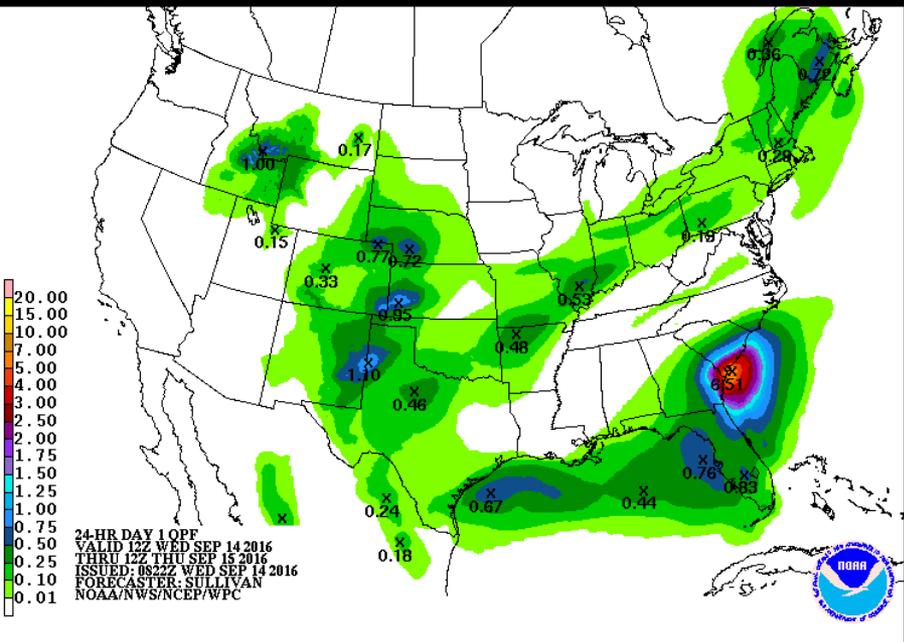
Today's Weather



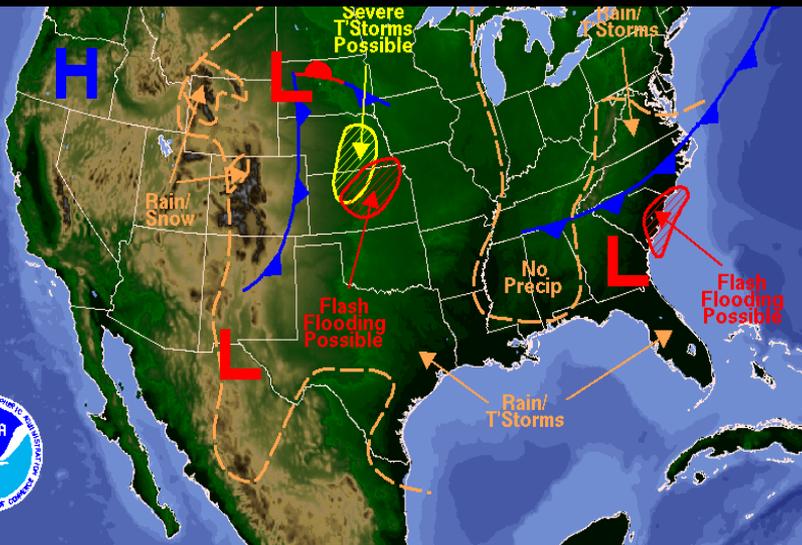
Isolated flash flooding possible over E NM into the TX/OK Panhandles.

Isolated severe storms with damaging winds/hail possible over E NM.

Weather Forecast for Wed, Sep 14, 2016, issued 4:50 AM EDT
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by McReynolds based on WPC, SPC and NHC forecasts



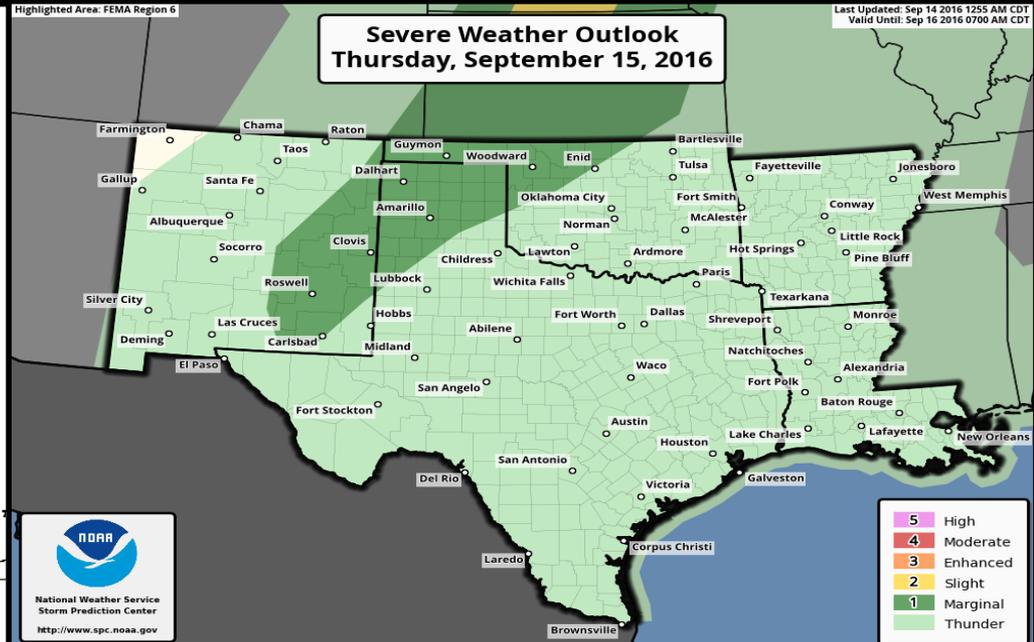
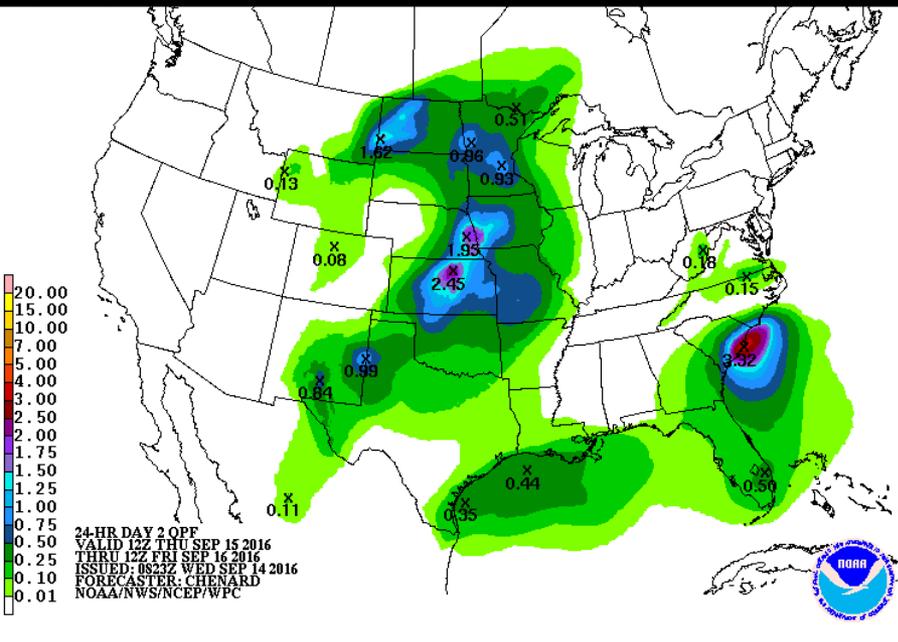
Tomorrow's Weather



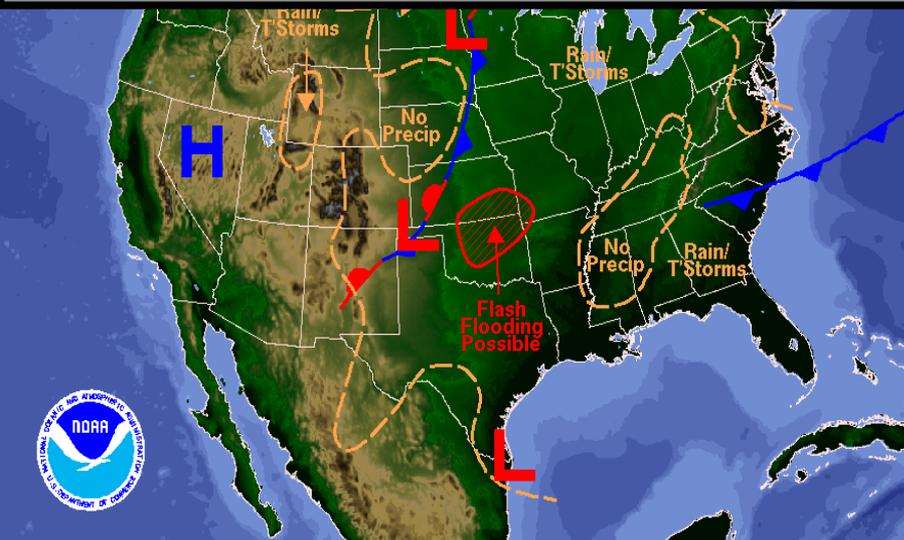
Isolated flash flooding and/or severe storms possible E NM, the TX/OK Panhandles, and into NW OK.



Weather Forecast for Thu, Sep 15, 2016, issued 4:53 AM EDT Wed, Sep 14, 2016
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by McReynolds based on WPC, SPC and NHC forecasts

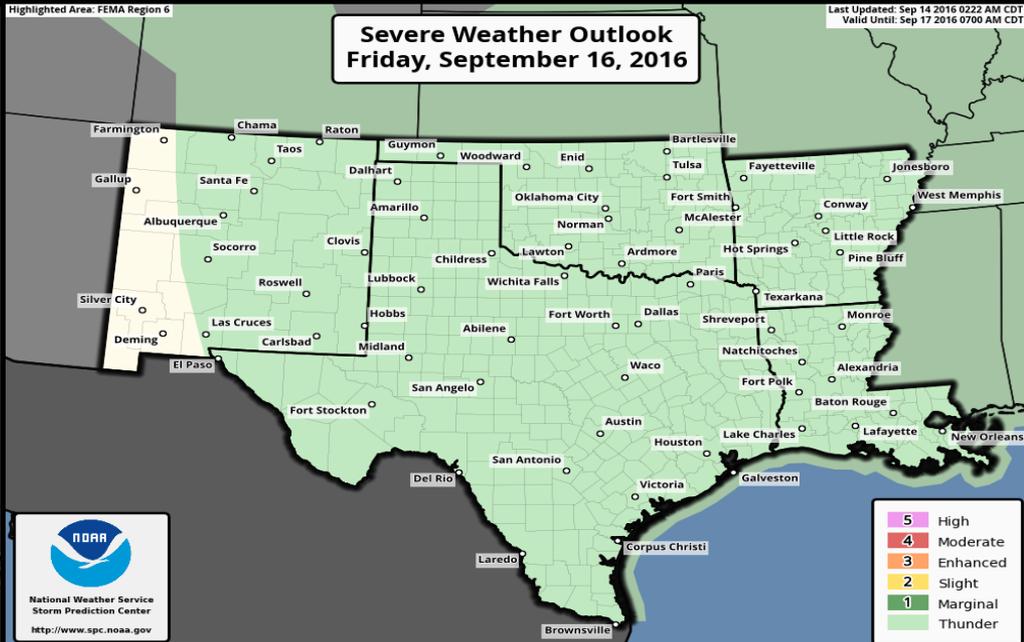
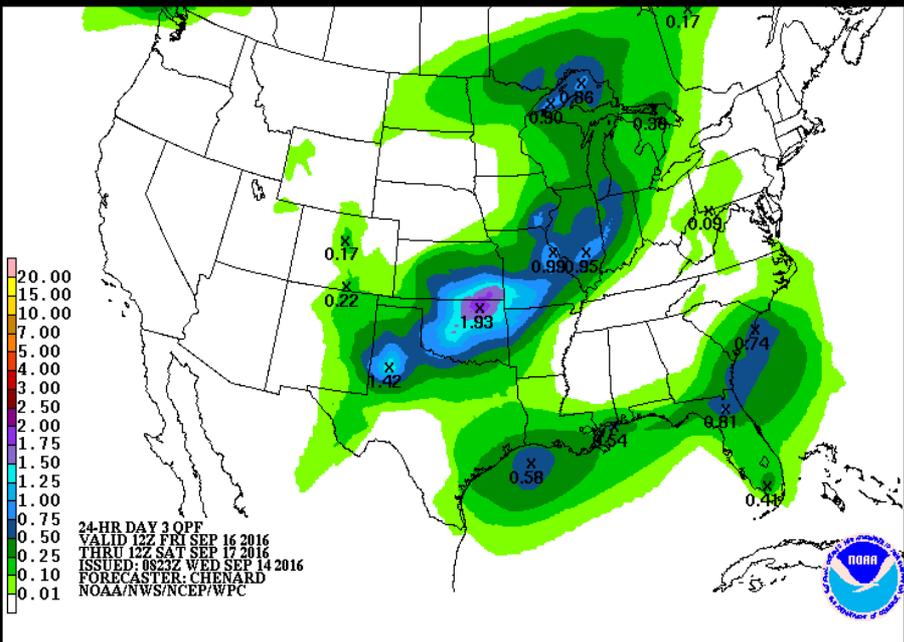


Friday's Weather



Isolated flash flooding possible over OK, NW AR, and NW TX

Weather Forecast for Fri, Sep 16, 2016, issued 4:56 AM EDT Wed, Sep 14, 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



Isolated heavy rain and flash flooding possible this weekend

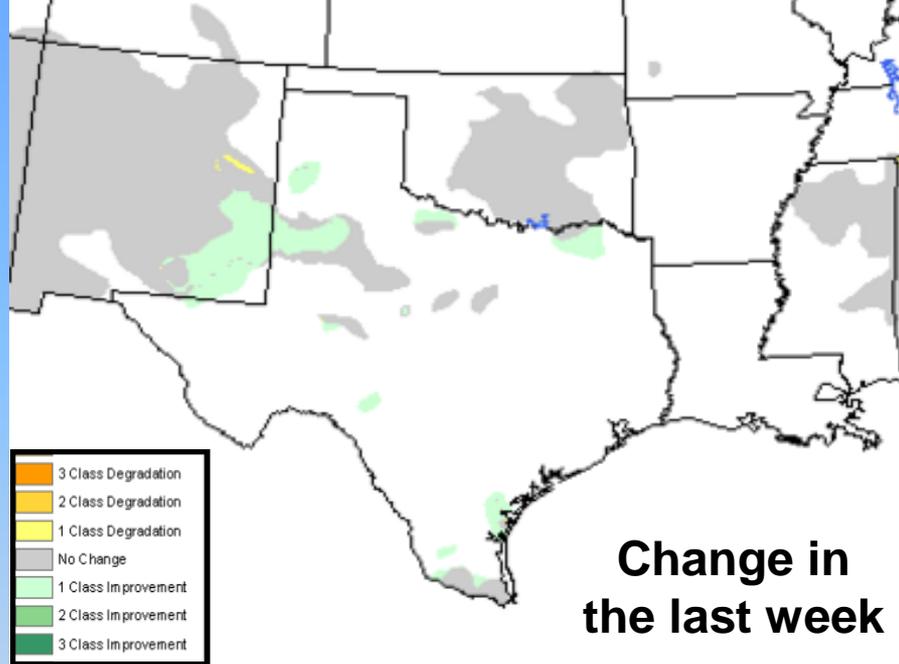
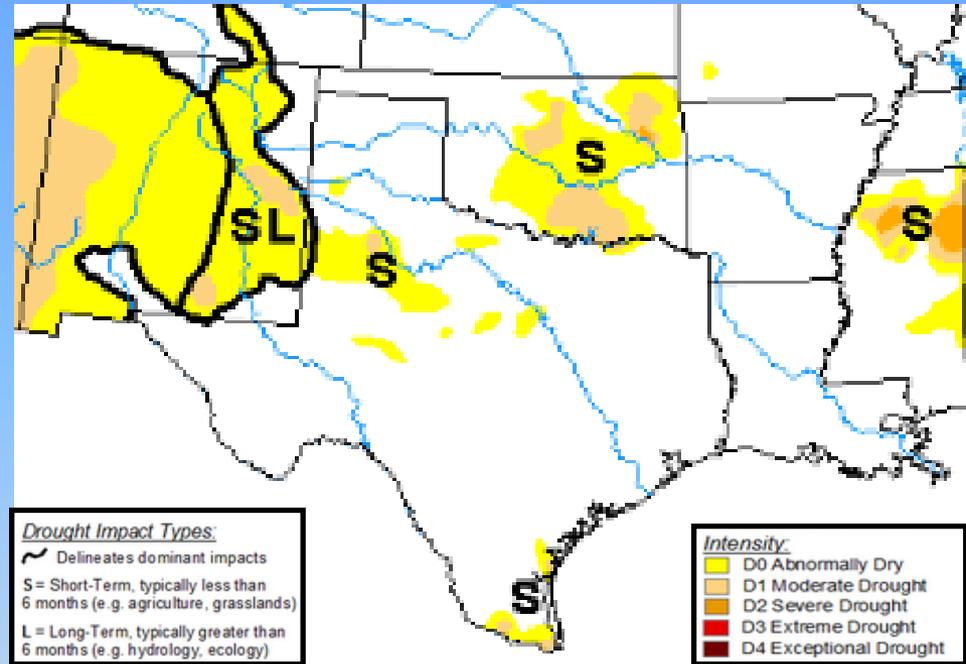
- No Weather Threats Expected
- Very Common – Happens Often
- Common – Happens Frequently
- Uncommon – A Few Times a Year
- Rare – Once Every 1-5 Years
- Very Rare – Once Every 5-10 Years

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



Drought Monitor Released September 8, 2016

Data valid as of 7am CDT, Tuesday September 6, 2016



Change in the last week

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
 Red: D2 Severe Drought
 Dark Red: D3 Extreme Drought
 Maroon: D4 Exceptional Drought

3 Class Degradation
 2 Class Degradation
 1 Class Degradation
 No Change
 1 Class Improvement
 2 Class Improvement
 3 Class Improvement

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%	2.50%
Arkansas	0.00%	0.00%	0.00%	1.94%
Louisiana	0.00%	0.00%	0.00%	7.96%
New Mexico	0.00%	0.00%	0.00%	0.00%

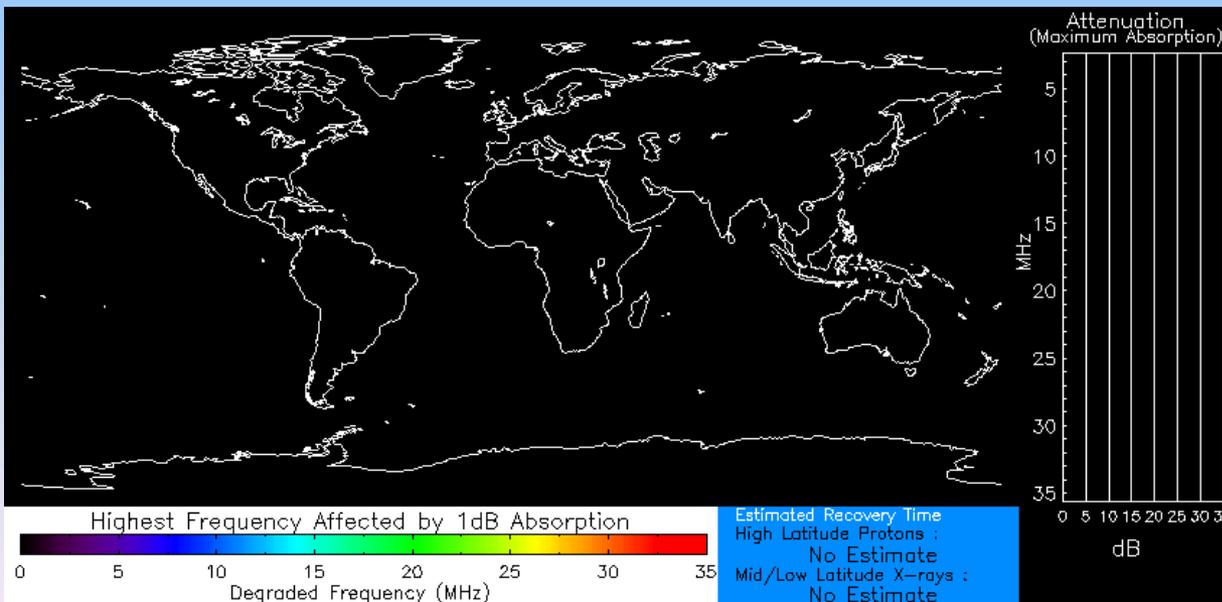
Space Weather 3-Day Forecast



	Wednesday	Thursday	Friday
Geomagnetic Storms	Quiet (Max Kp = 2)	Quiet to Unsettled (Max Kp = 3)	Quiet to Unsettled (Max Kp = 3)
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 : 2016-09-14 09:57 UTC

Normal Proton Background
NOAA/SWPC Boulder, CO USA

2016-09-14 09:22:00 UTC

Information provided by:



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Web: <http://www.srh.noaa.gov>

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

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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 seabreeze 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