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

Friday August 14, 2015

Issued: 0800 CT

National Weather Service

Southern Region
Headquarters
Regional Operations Center
Fort Worth, TX

Day 1 Hazards: No Significant Weather Impacts

Prepared by: Mark Wiley
817-978-1100 x 147

Key Points

Today

- No Significant Weather Impacts

Saturday - Tuesday

- No Significant Weather Impacts

Tropical Outlook

- Tropical activity is not expected over the next five days

*FEMA Region 6 Threat Matrix

Aug 14, 2015 - Aug 18, 2015

DAY/ THREAT	FRI	SAT	SUN	MON	TUE
Severe Weather					
Heavy Rain /Flash Flooding					
Heat					
Tropical					
Fire					

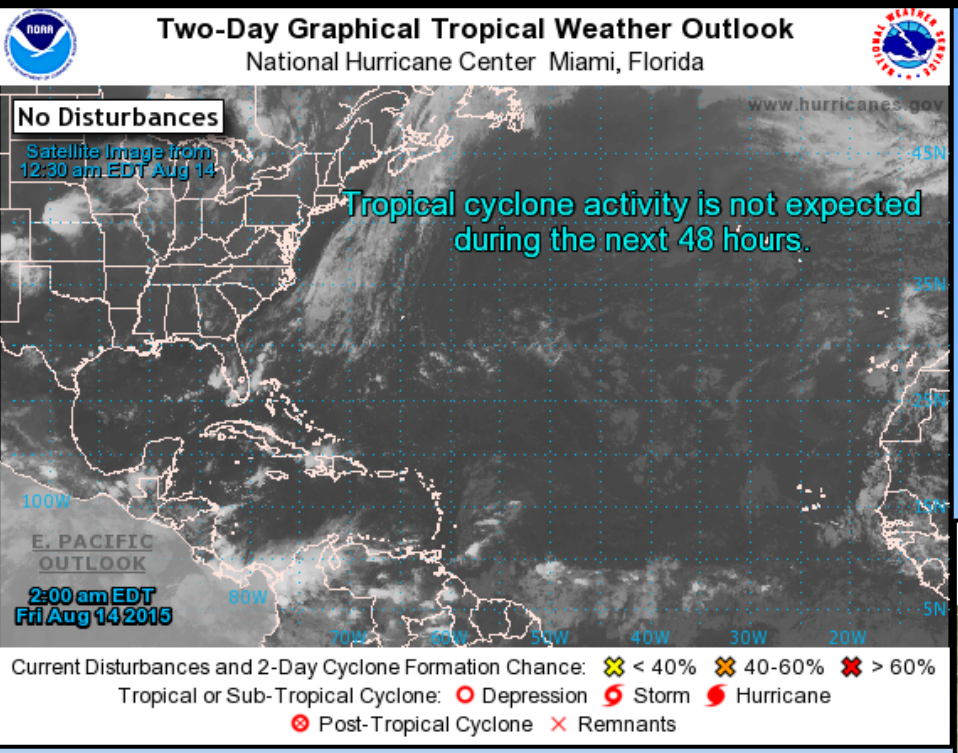
- Very Common – Happens Often
- Common – Happens Frequently
- Uncommon – A Few Times a Year
- Rare – Once Every 1-5 Years
- Very Rare – Once Every 5-10 Years

We continue to welcome feedback on our new color scale (details in the next slide). Please send comments to sr-srh.roc@noaa.gov.

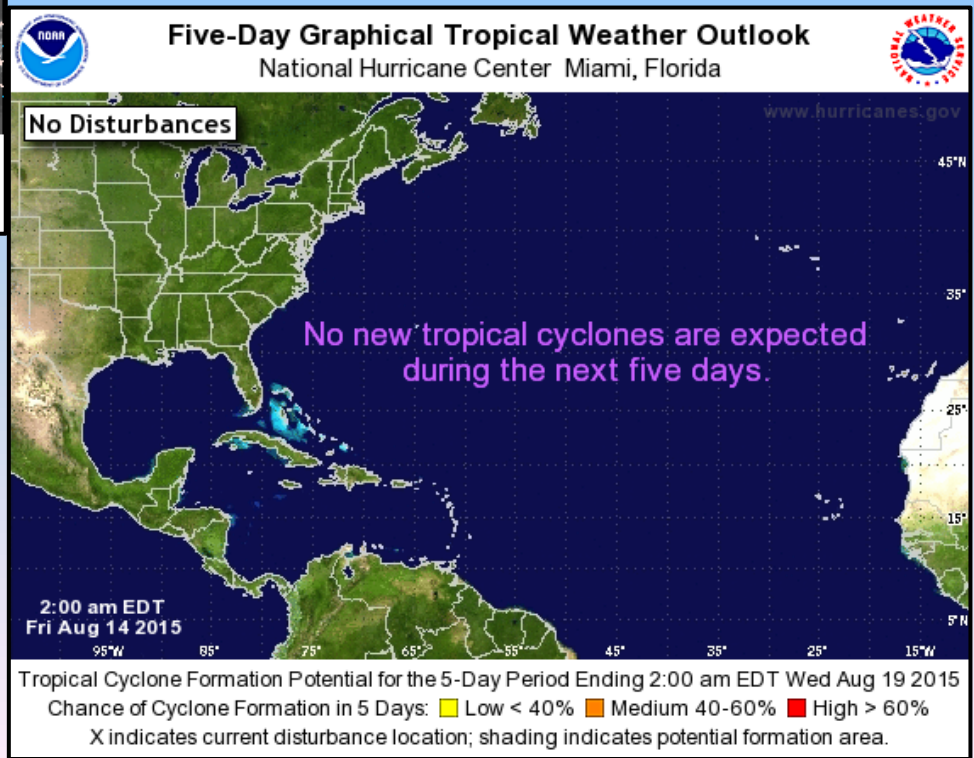
The criteria for the color codes in our briefings is below, please provide any feedback to sr-srh.roc@noaa.gov.

Weather "Threat" Matrix			
Color	**Definition**	**Criteria**	**Example(s)**
Green	**Very Common** Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	• 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	**Somewhat Common – Happens Frequently** Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	• 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	**Uncommon – A Few Times a Year** Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	• 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	**Rare – Once every 1-5 Years** Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	• 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	**Very Rare – Once Every 5-10 Years** Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline 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	• 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

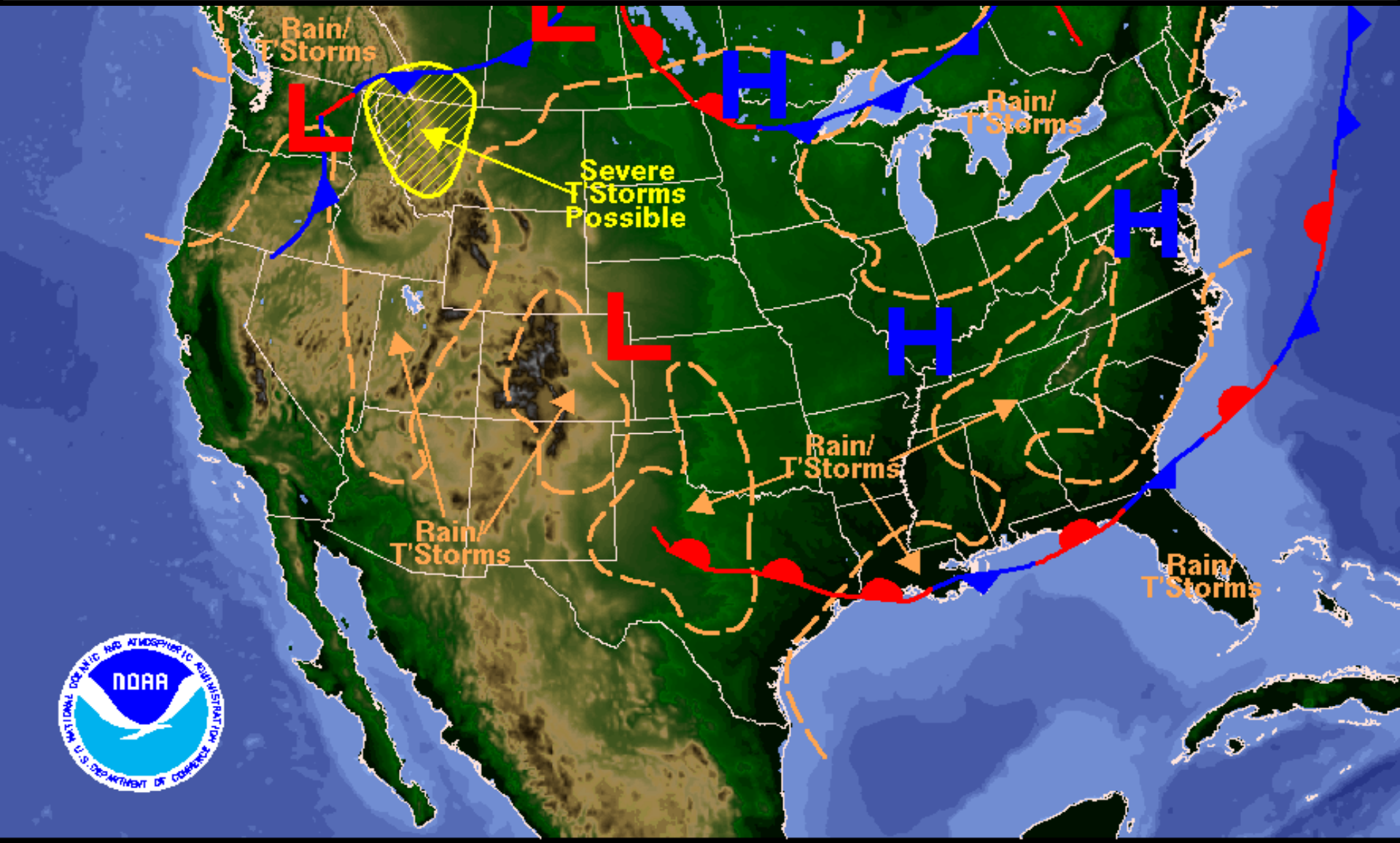
Atlantic/Gulf Tropical Weather Outlook



Tropical cyclone formation is not expected the next 5 days



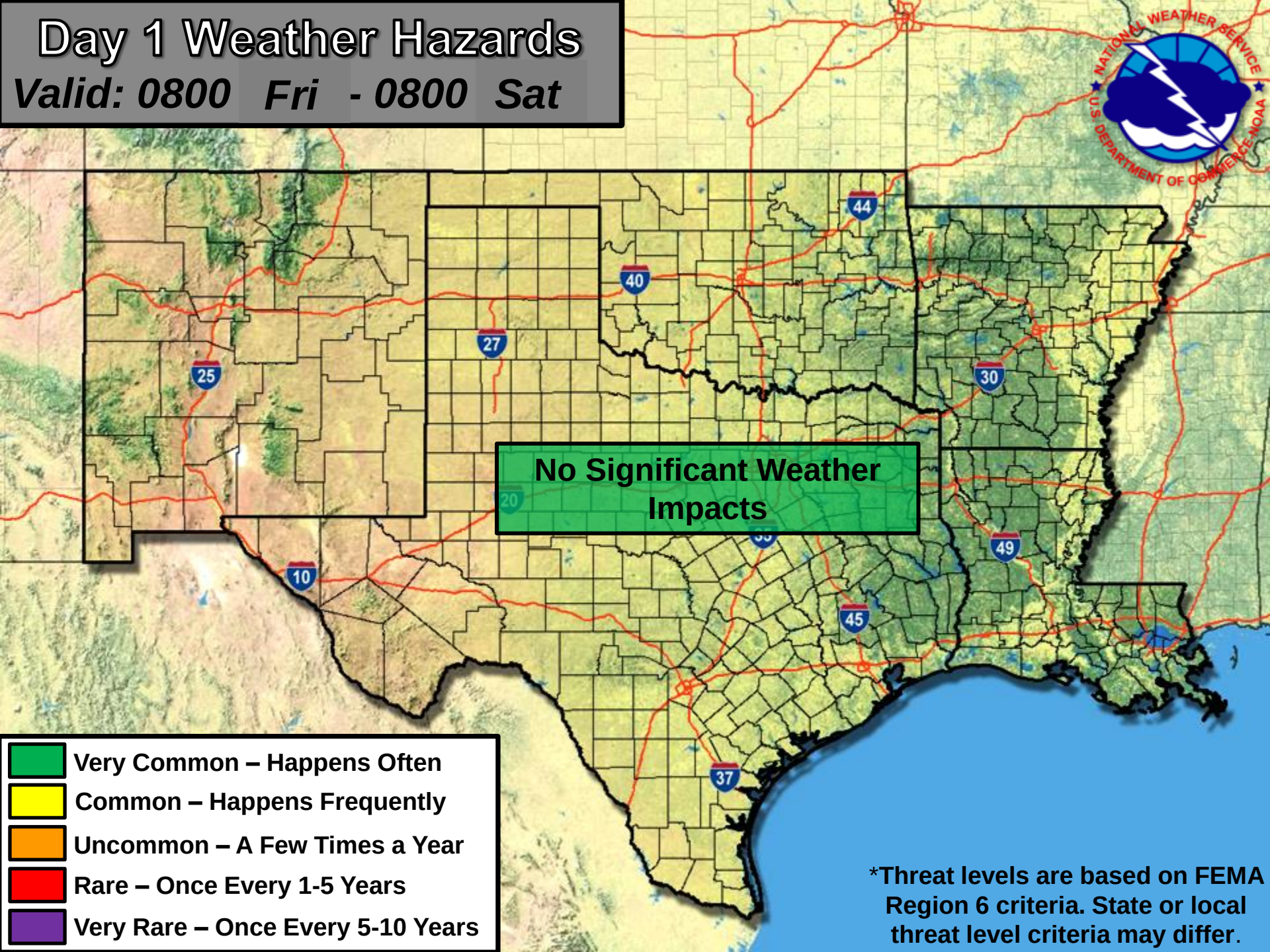
Today's Weather



Weather Forecast for Fri, Aug 14, 2015, issued 4:41 AM EDT
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Santorelli based on WPC, SPC and NHC forecasts

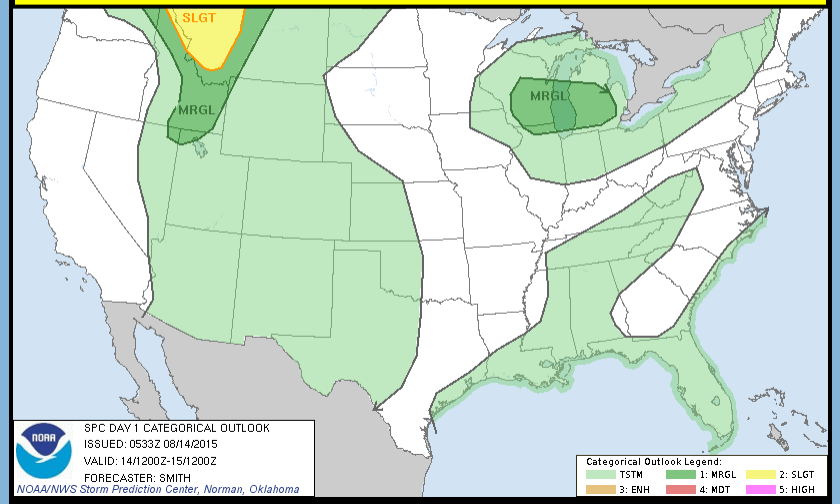
Day 1 Weather Hazards

Valid: 0800 Fri - 0800 Sat

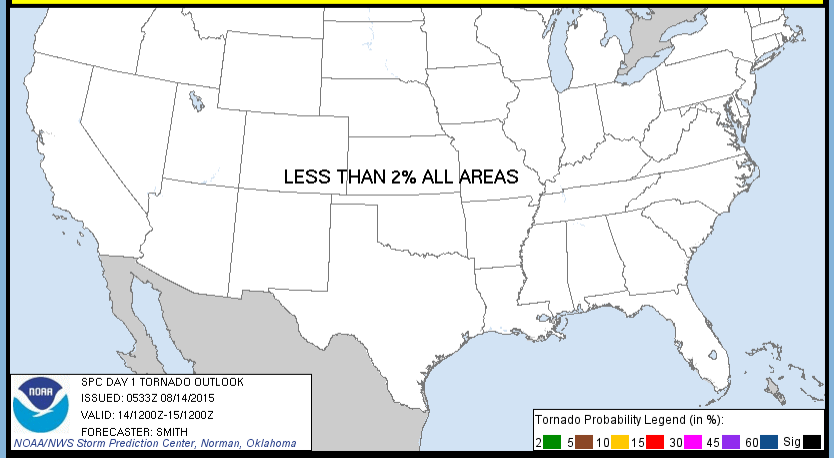


Friday, August 14, 2015
Severe Thunderstorm Potential

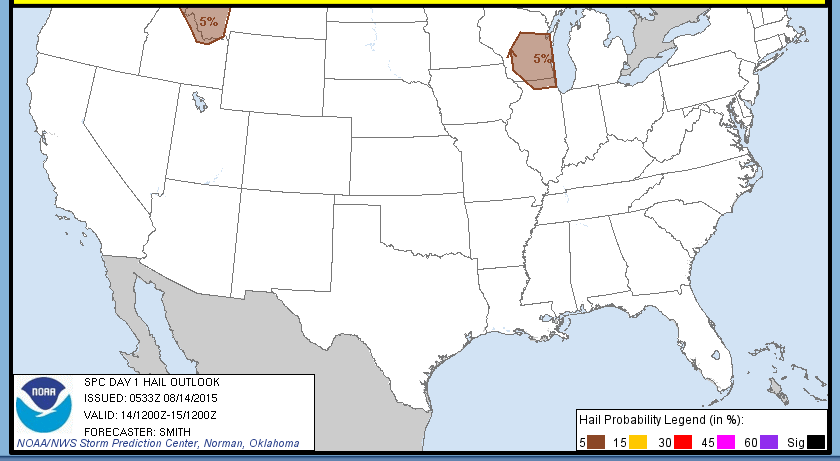
Overall Threat Potential



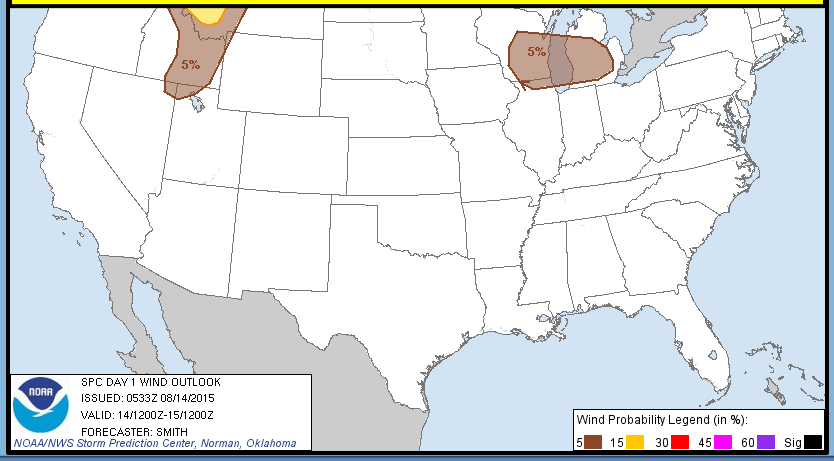
Probability of *Tornado* within 25 miles of a point



Probability of *Damaging Hail* within 25 miles of a point

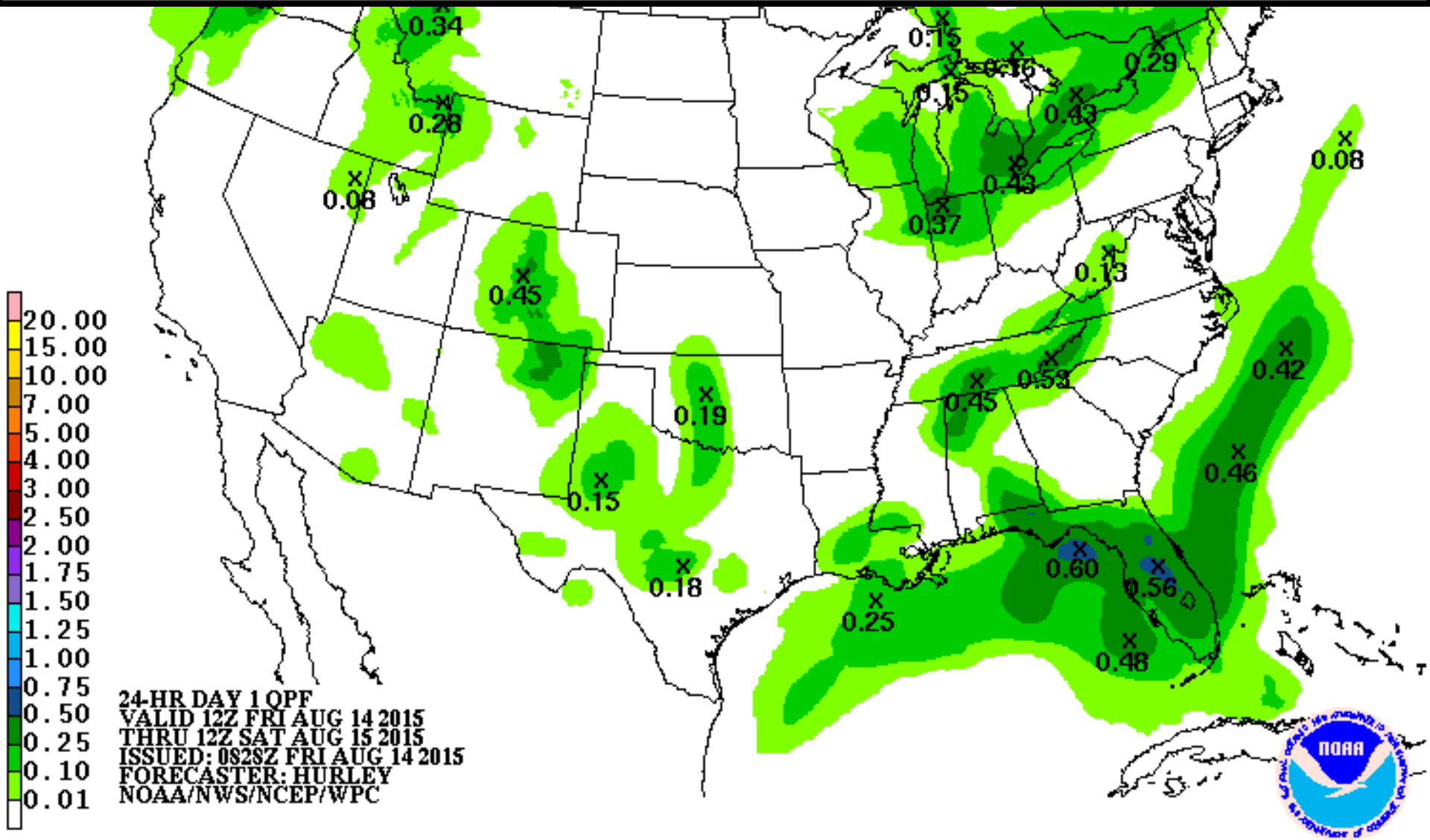


Probability of *Damaging Winds* within 25 miles of a point

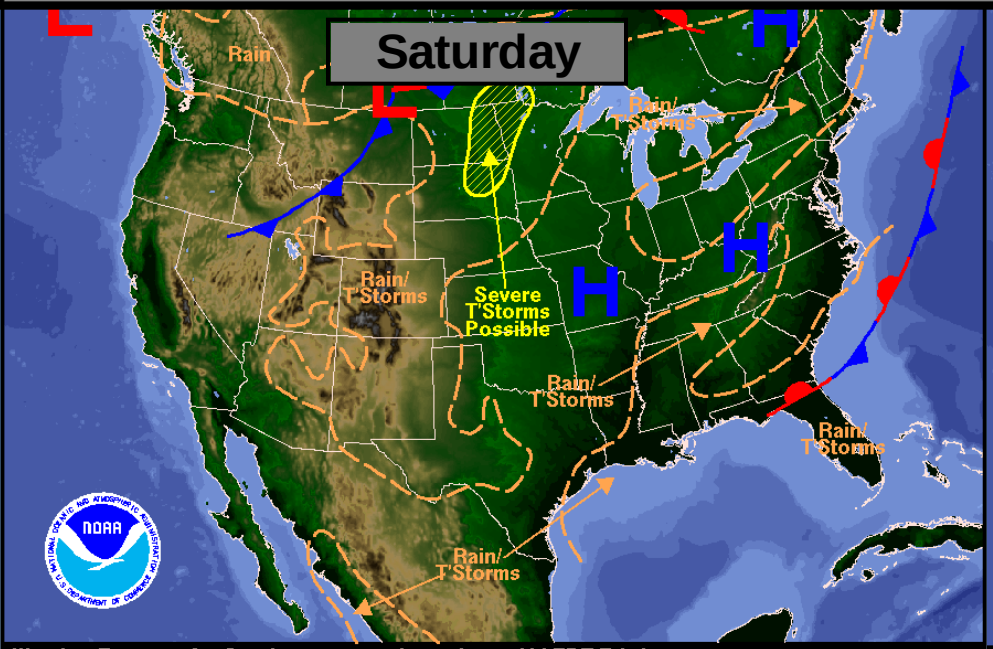


Today's Precipitation

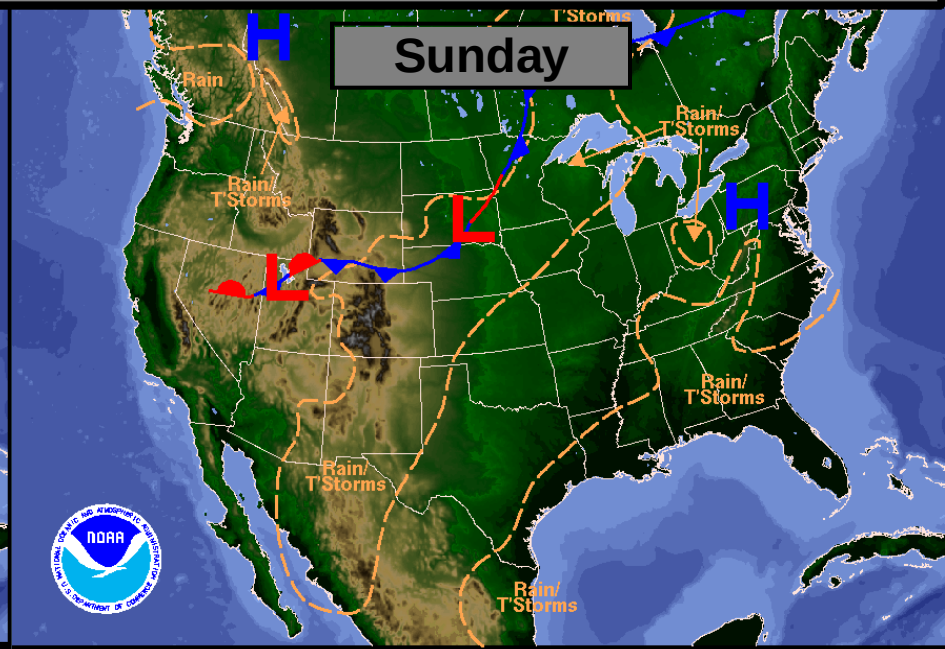
Fri AM - Sat AM



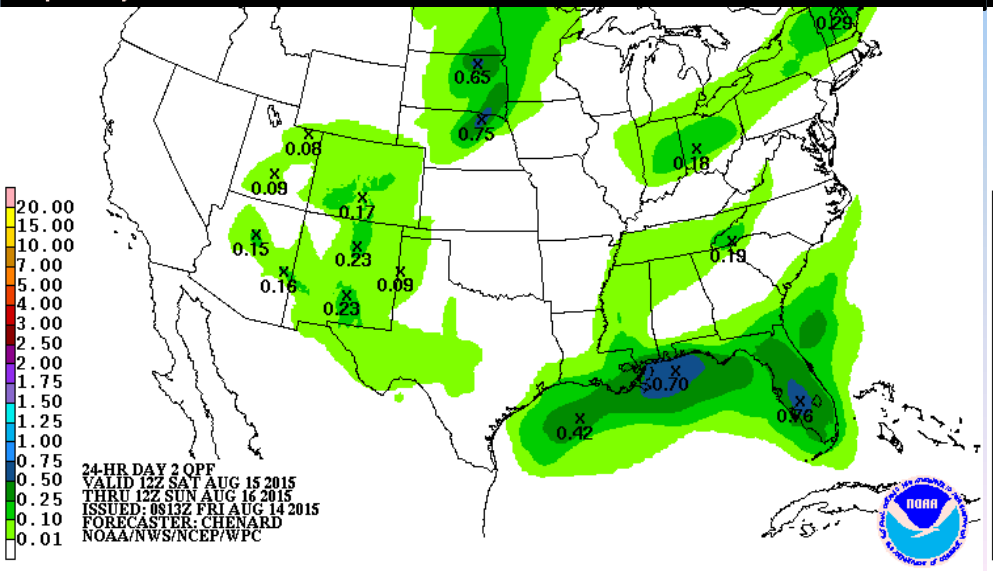
Day 2-3 Weather Maps/Precipitation

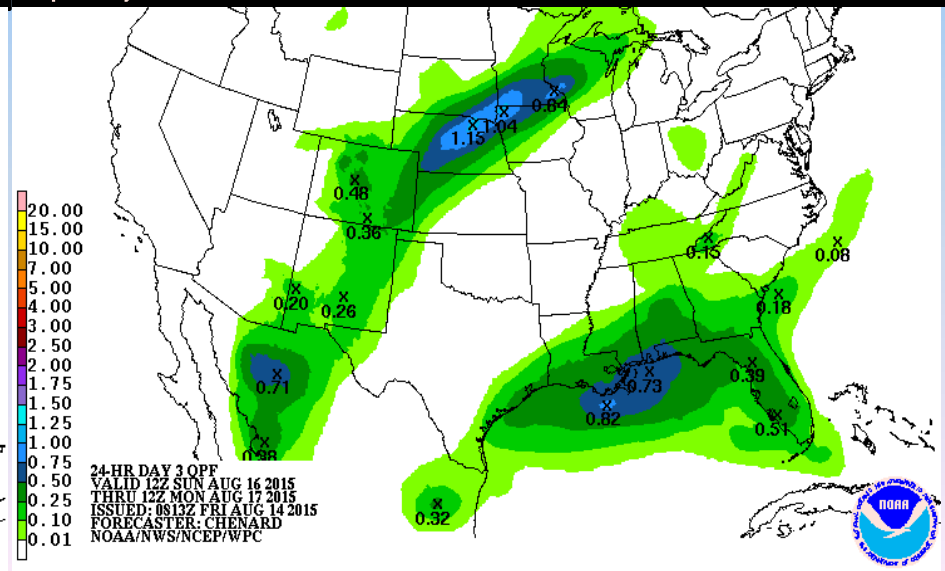


Weather Forecast for Sat, Aug 15, 2015, issued 4:46 AM EDT Fri, Aug 14, 2015
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Santorelli based on WPC, SPC and NHC forecasts



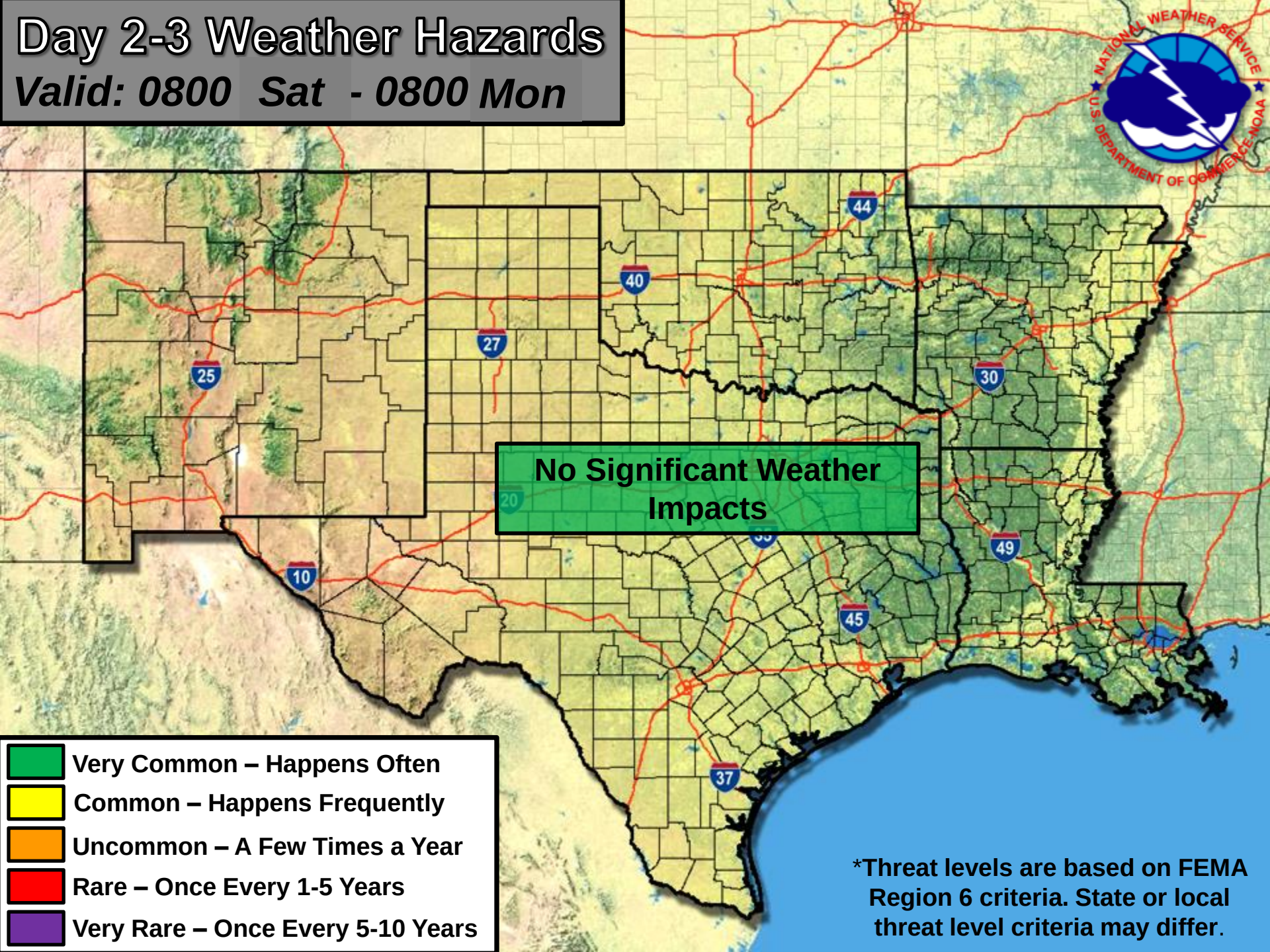
Weather Forecast for Sun, Aug 16, 2015, issued 4:51 AM EDT Fri, Aug 14, 2015
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Santorelli based on WPC, SPC and NHC forecasts





Day 2-3 Weather Hazards

Valid: 0800 Sat - 0800 Mon

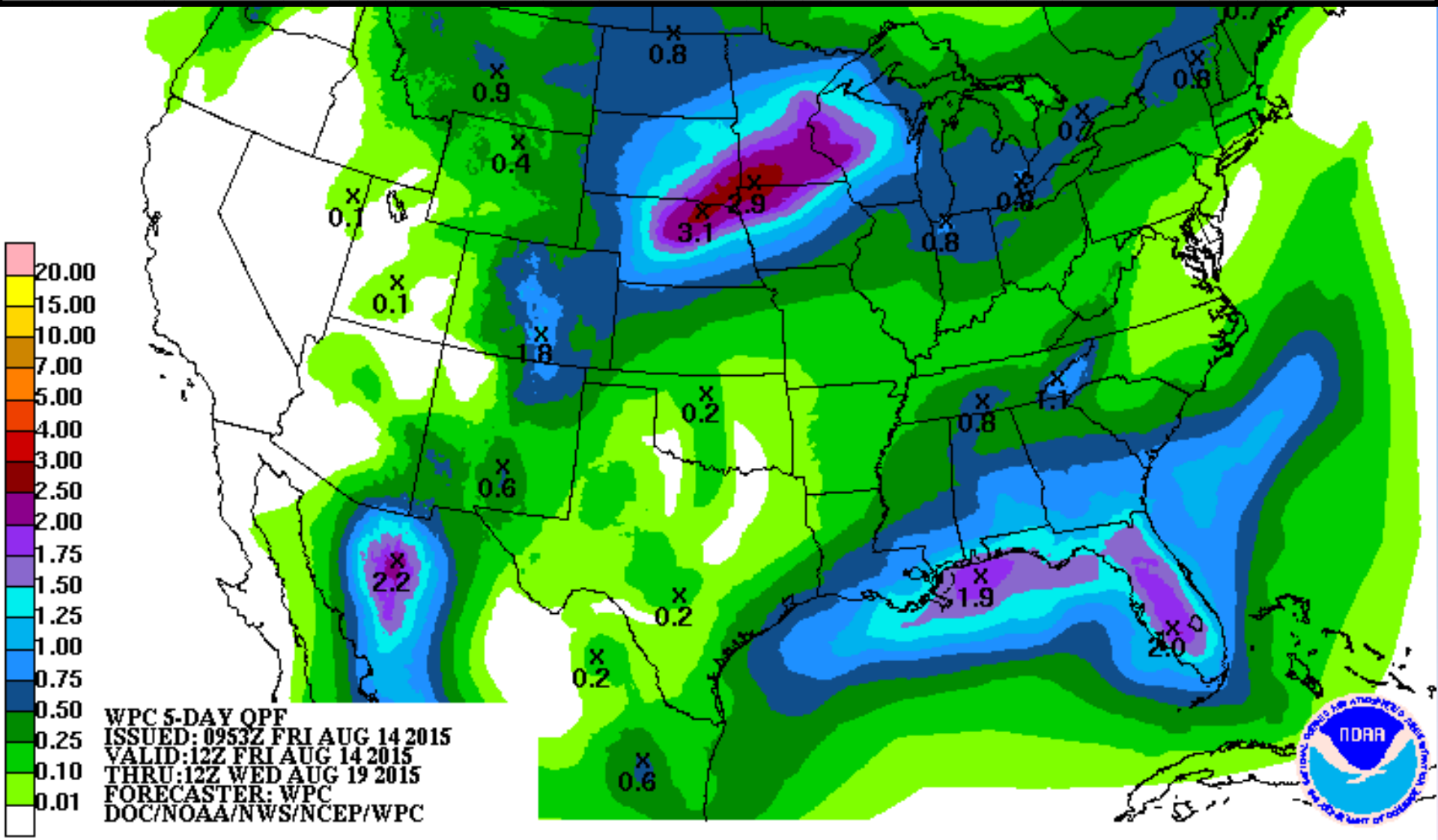


Day 4-5 Weather Hazards

Valid: 0800 Mon - 0800 Wed

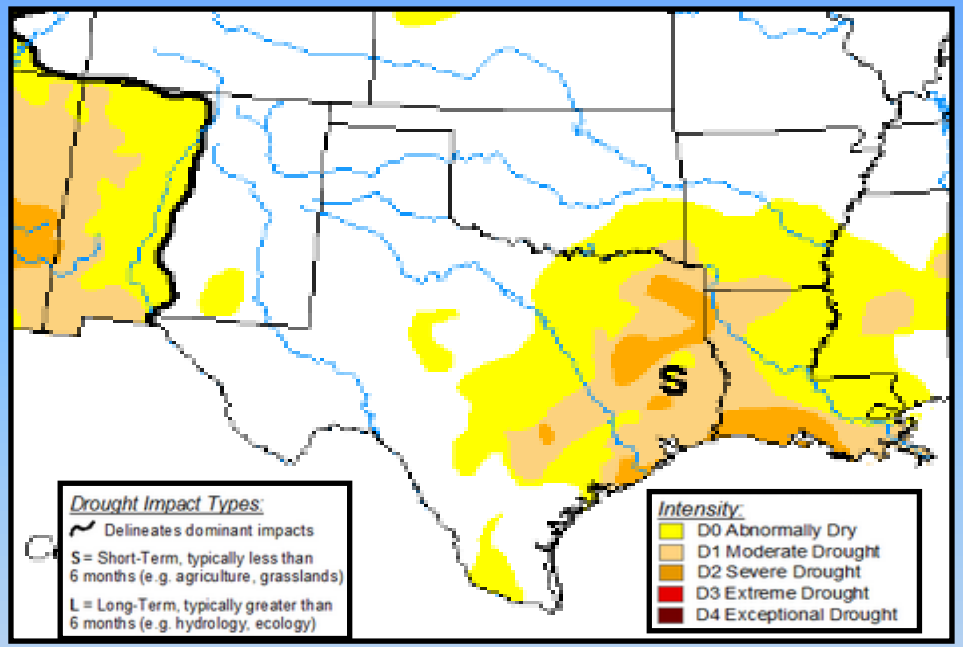
5-Day Precipitation

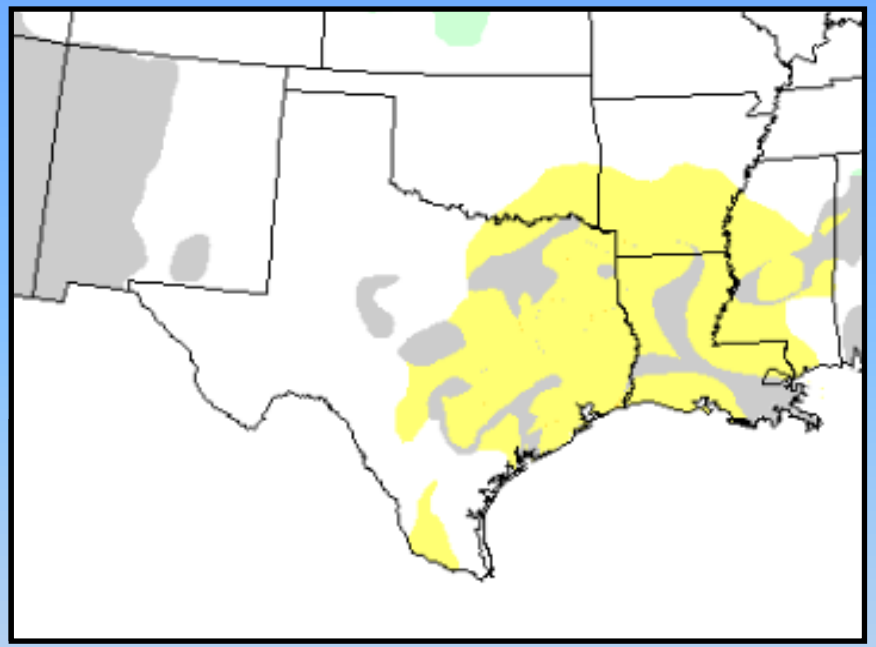
Fri AM - Wed AM



Drought Monitor Released Aug 13, 2015

Data valid as of 7am CDT, Tuesday Aug 11, 2015





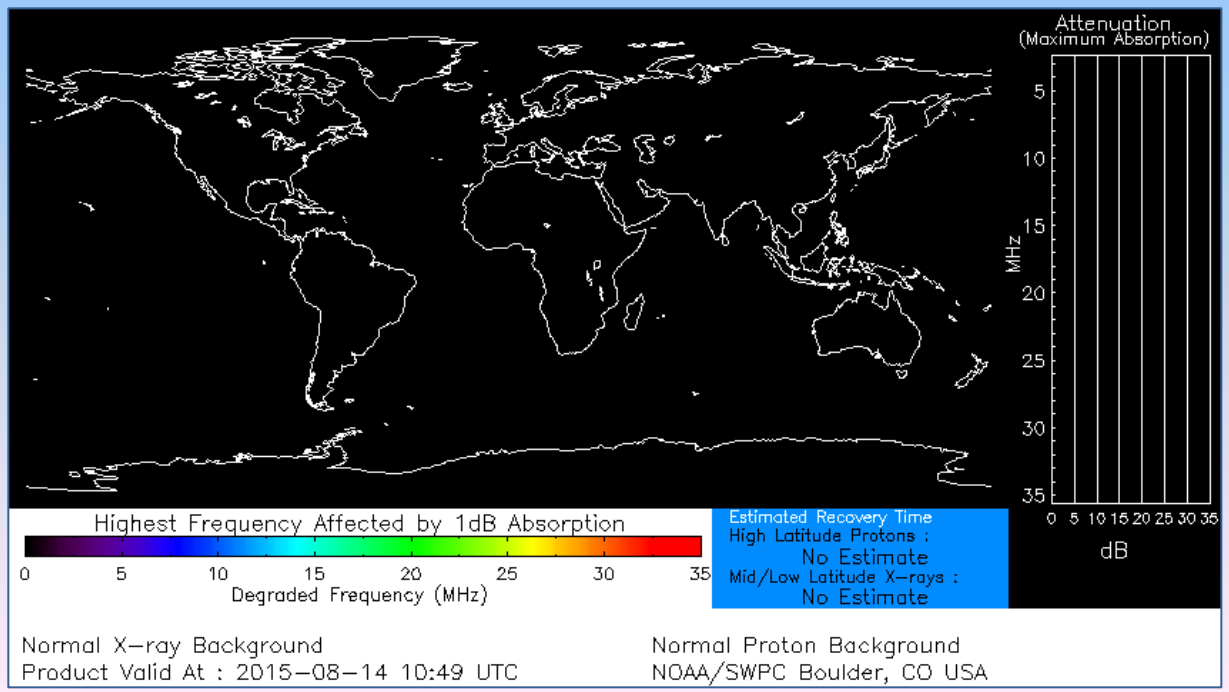
Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)				
State	Current	Last Week	3 Months Ago	1 Year Ago
Oklahoma	0.00%	0.00%	3.72%	16.12%
Texas	0.00%	0.00%	1.93%	14.06%
New Mexico	0.00%	0.00%	0.00%	8.67%
Arkansas	0.00%	0.00%	0.00%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%

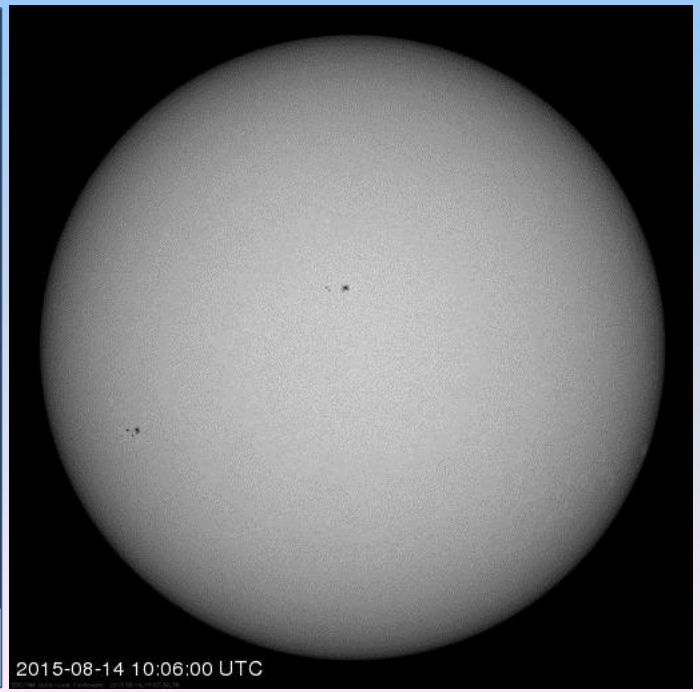
Space Weather 3-Day Forecast

	Friday	Saturday	Sunday
Geomagnetic Storms	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)	Minor Storm (G1) (Max Kp = 5)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	10%	5%	5%
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





Information provided by:

National Weather Service
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