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, June 28, 2015

Issued: 0800 CT

National Weather Service

Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Day 1 Hazards: ***Storms along the coast may produce heavy rain; scattered storms over New Mexico may produce heavy rainfall leading to flash flooding, especially over burn scars; a few strong storms possible over N OK and N AR later today.***

Prepared by: Jennifer McNatt
817-978-1100 x 147

Key Points

Today

- Showers and storms continue near the coast; a few may produce heavy rainfall, but any flash flooding should be rather isolated
- Scattered showers and storms expected over NM; some may lead to flash flooding, especially over burn scar locations
- A few strong storms with gusty winds possible over N OK and N AR this afternoon and evening

Monday - Thursday

- Scattered to numerous showers and storms expected over much of the Region each day, but the threat for any organized severe weather appears to be low
  - May see heavy rain over NM, however, that could lead to flash flooding, especially over burn scar locations

Tropical Outlook

- Tropical cyclone formation is not expected during the next 5 days

River Flood Situation

- The Red River at Pecan Point should be dropping into Moderate Flood Stage today
- The Red River at Index has crested and will continue a slow fall
- The Red River at Shreveport is still rising and forecast to crest mid-week
  - The forecast crest is 4.5 feet lower than that of June 9th
- Points downstream in NW LA will continue a slow rise this week
- The Trinity River at Liberty has dropped into Moderate Flood Stage

*FEMA Region 6 Threat Matrix

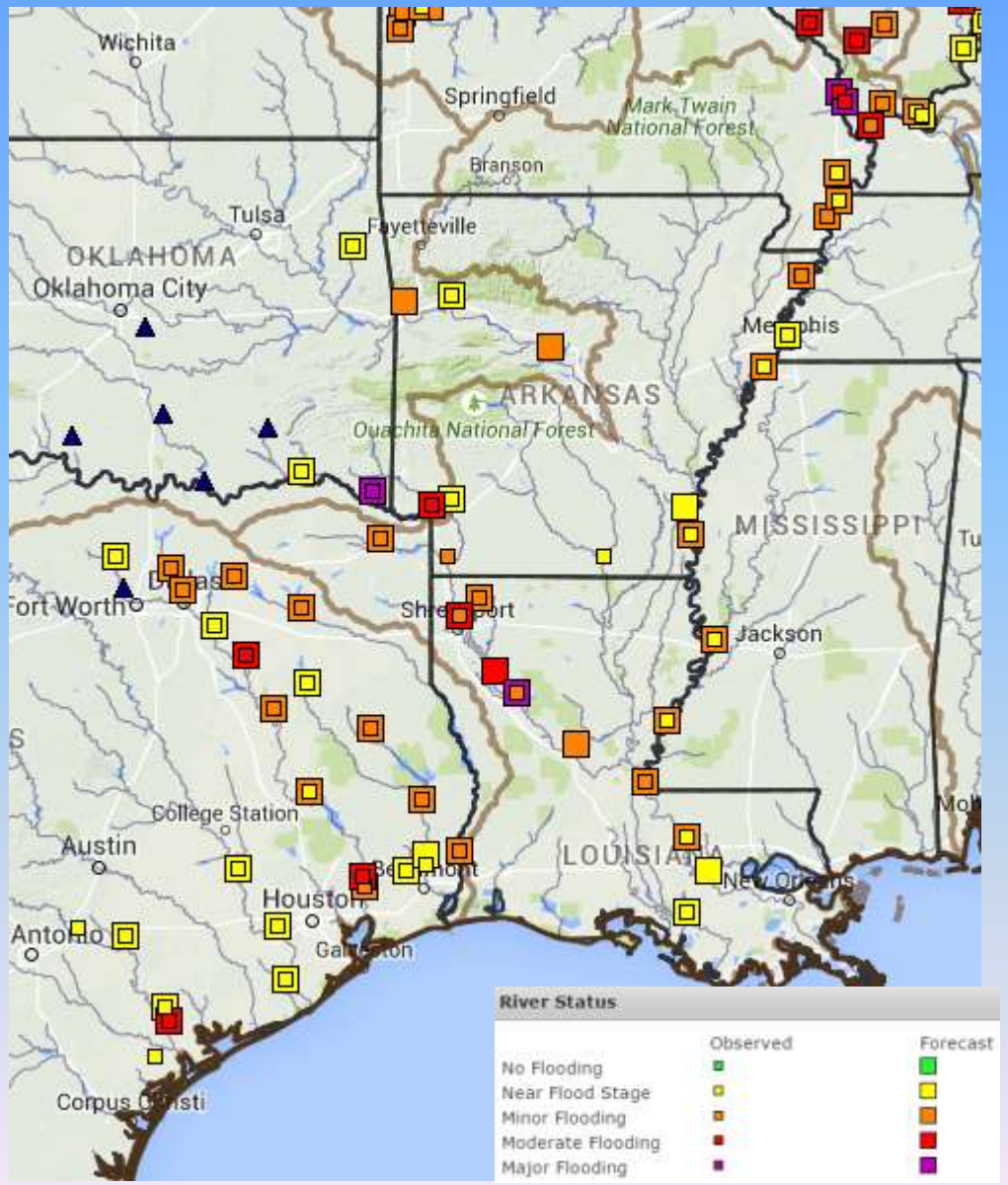
Jun 28, 2015 - Jul 2, 2015

DAY/ THREAT	SUN	MON	TUE	WED	THU
Severe Storms	N OK, N AR				
Heavy Rain /Flash Flooding	NM	NM	NM	NM	NM
Tropical					
River Flooding	E TX, AR, LA →				

- 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 are experimenting with a new color scale to the left as of April 13th. Please provide feedback to sr-srh.roc@noaa.gov. See next slide for more details.

Current River Status / Near Term Forecast



- The Red River at Pecan Point should be dropping into Moderate Flood Stage today
- The Red River at Index has crested and will continue a slow fall
- The Red River in Shreveport is still rising and is forecast to crest mid-week
  - The forecast crest is 4.5 feet lower than that of June 9th
- Points downstream in NW LA will be slowly rising this week

- The Trinity River will remain in Minor to Moderate Flood Stage this week, including Liberty which has dropped to Moderate stage

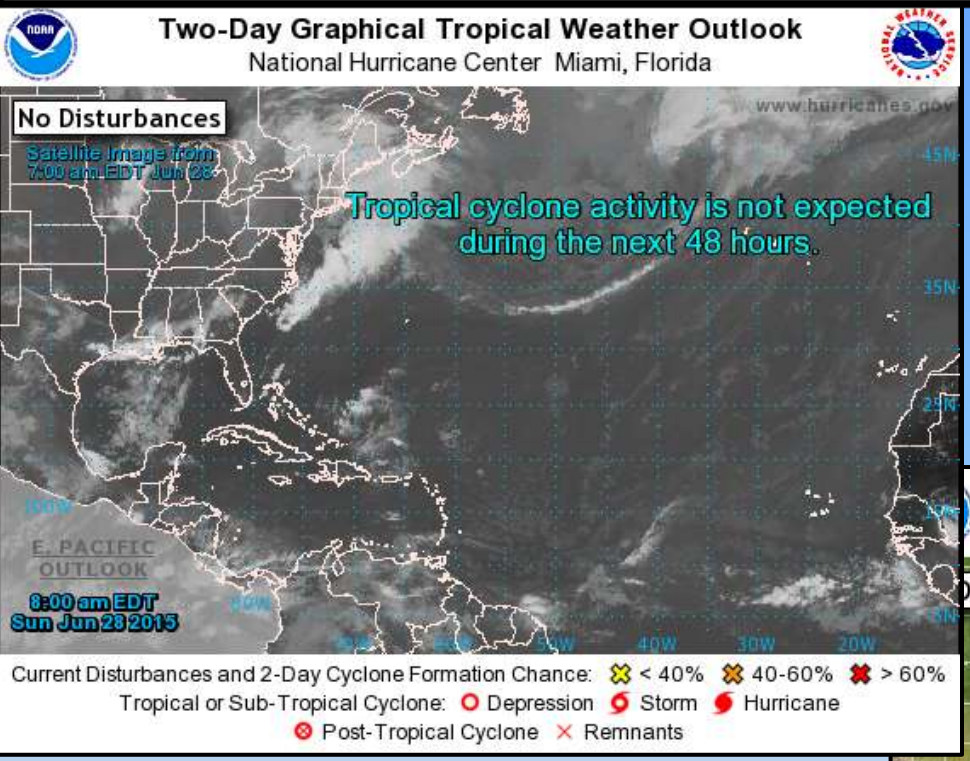
- Moderate to Major river flooding is occurring along the Upper MS River north of FEMA Region 6.
- A slow and slight increase in river flood potential is expected over the next few weeks along some areas of the Lower MS River in FEMA Region 6 (AR/LA).
- At this time, all points along the Lower MS River in AR/LA are expected to remain at or rise to only Action Stage ("Near Flood Stage") or Minor Flood Stage.

For latest river stages/forecasts, go to http://www.srh.noaa.gov/rfcexp/main.php?fs=1

We are experimenting with a new color scale in these briefings, starting on April 13th. The criteria is below, please provide your feedback to sr-srh.roc@noaa.gov and we plan to re-evaluate in the coming months.

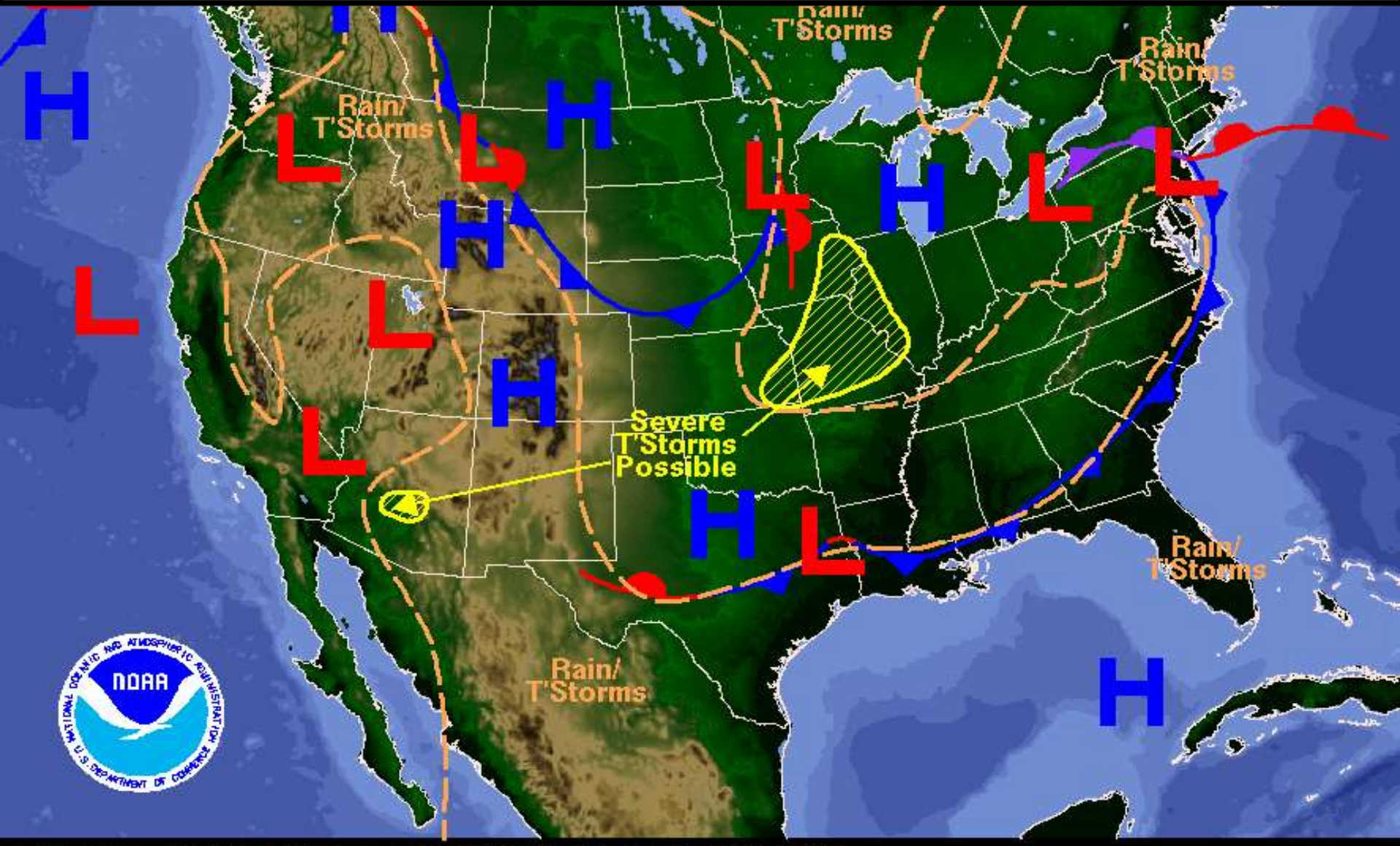
Weather "Threat" Matrix			
Color	**Definition**	**Criteria**	**Example(s)**
Green	**Very Common – Happens Often** Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None	• 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	**Common – Happens Frequently** Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Minor 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	• 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 Large 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	• 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
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 Major 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	• 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
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 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	• 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 during the next five days.

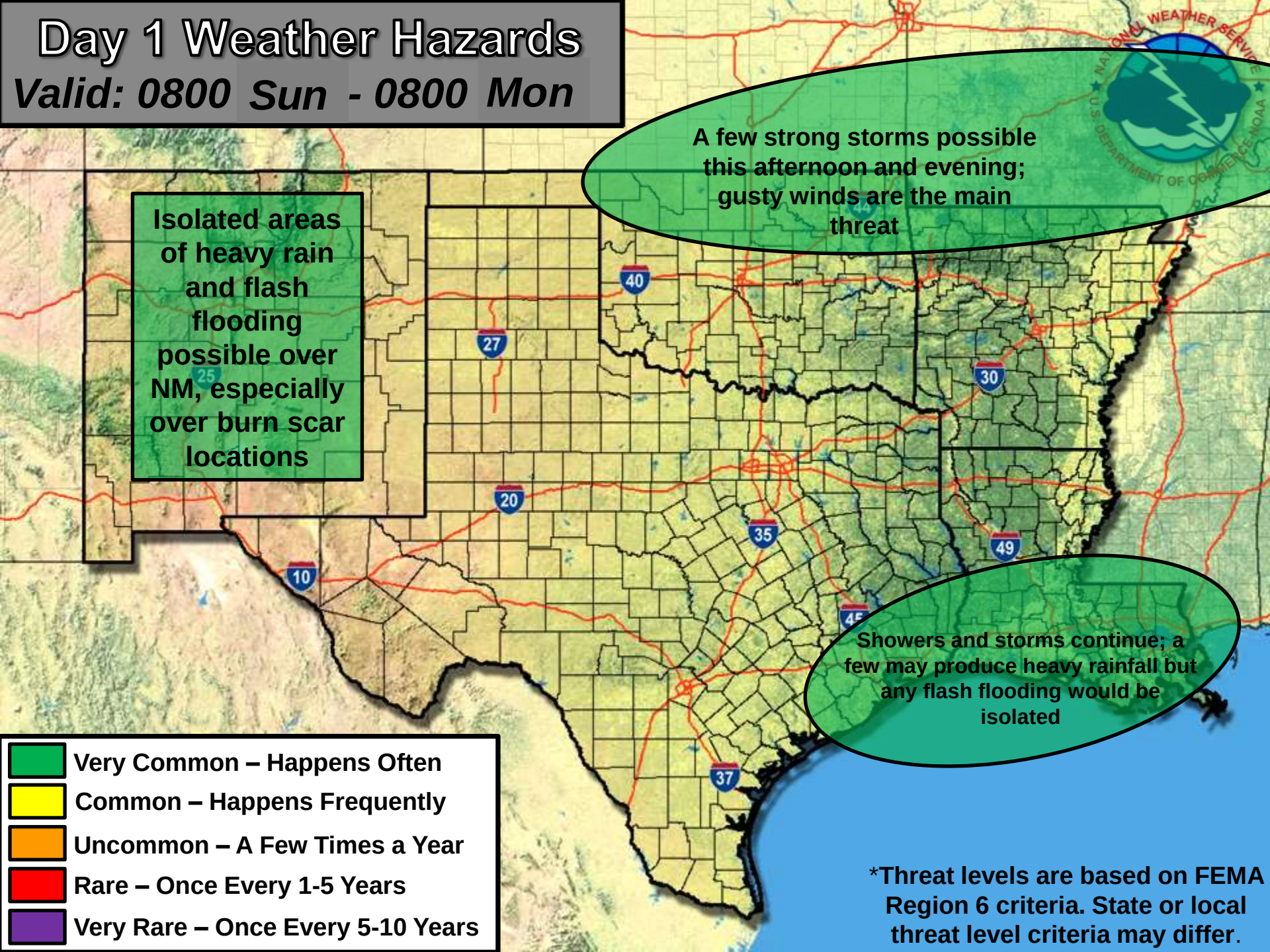
Today's Weather



Weather Forecast for Sun, Jun 28, 2015, issued 4:28 AM EDT
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Krekeler based on WPC, SPC and NHC forecasts

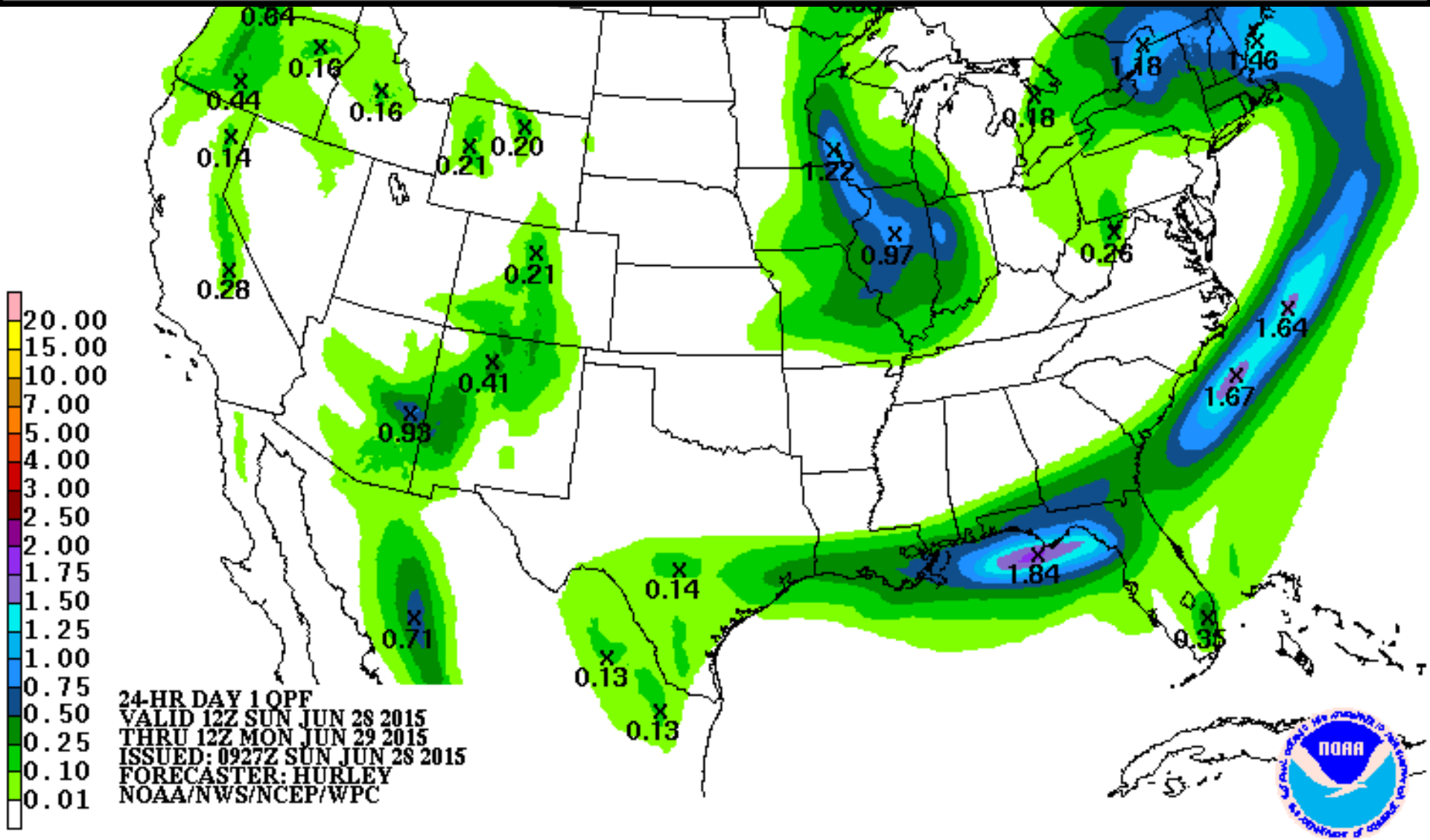
Day 1 Weather Hazards

Valid: 0800 Sun - 0800 Mon

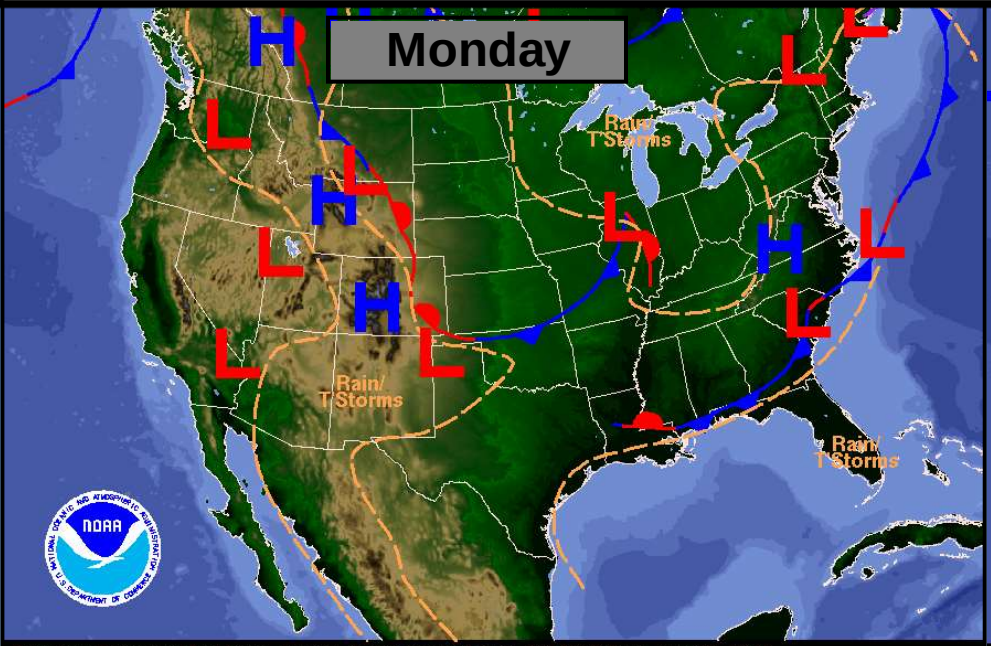


Today's Precipitation

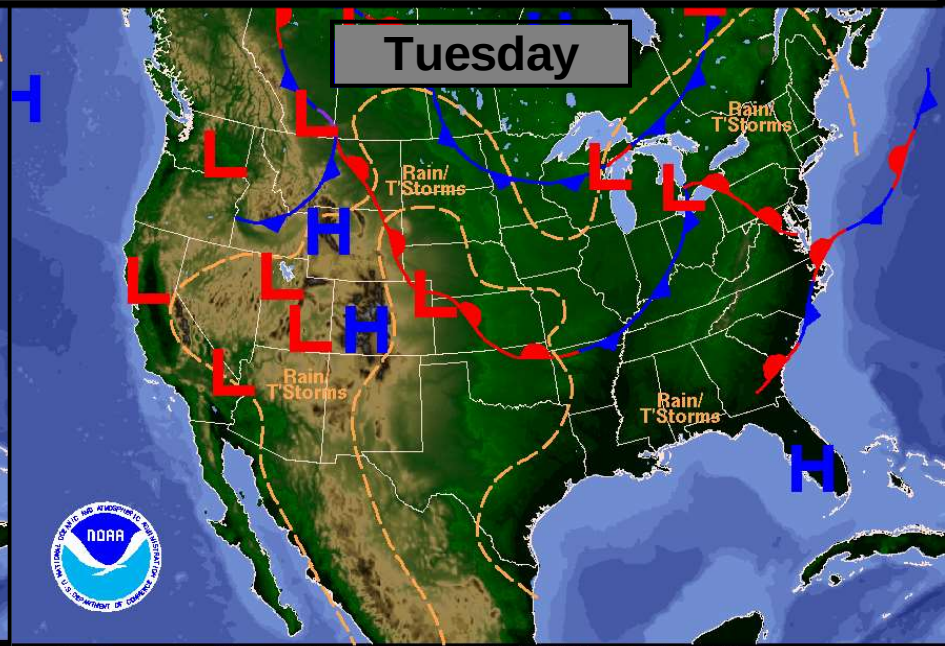
Sun AM - Mon AM



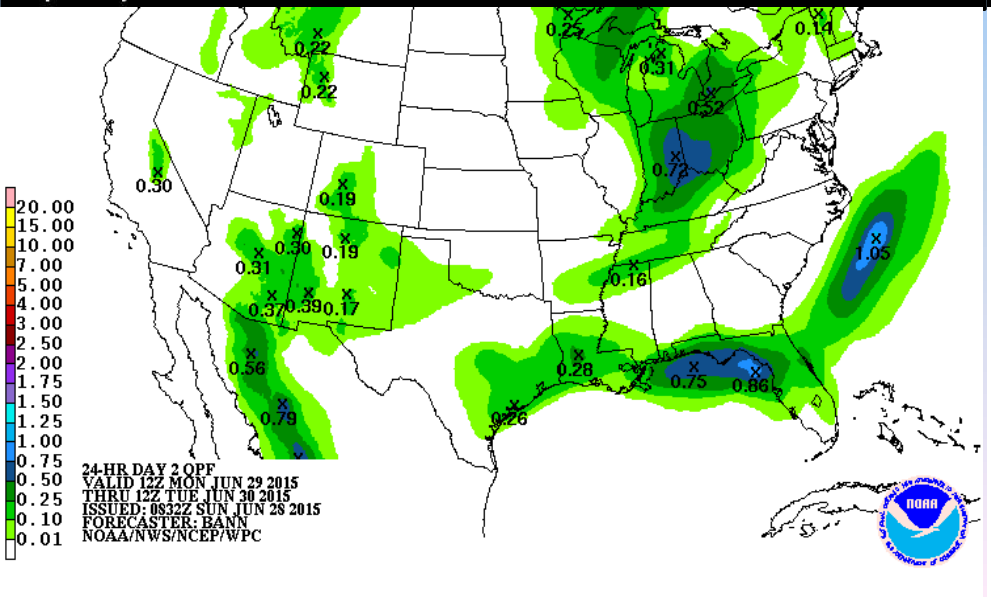
Day 2-3 Weather Maps/Precipitation

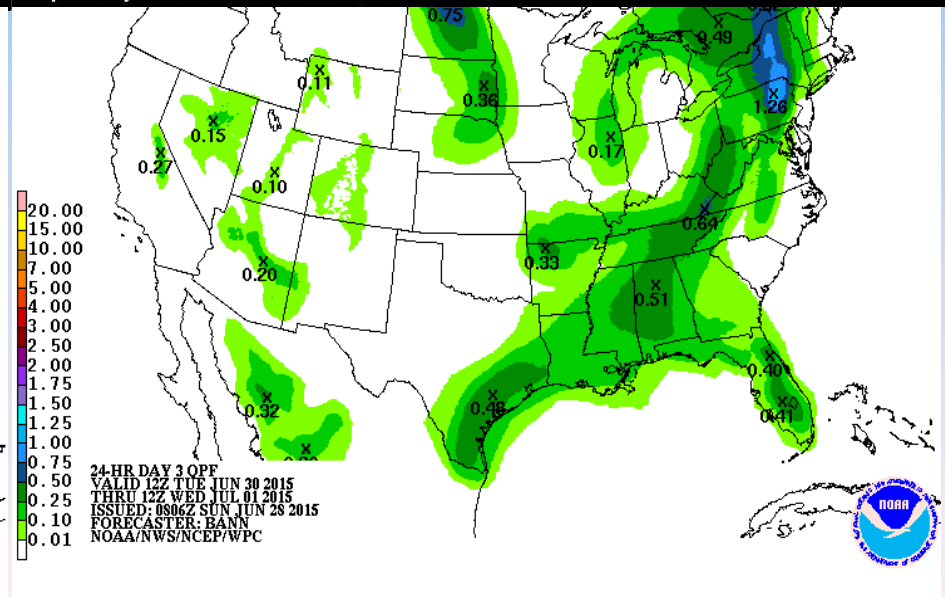


Weather Forecast for Mon, Jun 29, 2015, issued 4:40 AM EDT Sun, Jun 28, 2015
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Krekeler based on WPC, SPC and NHC forecasts



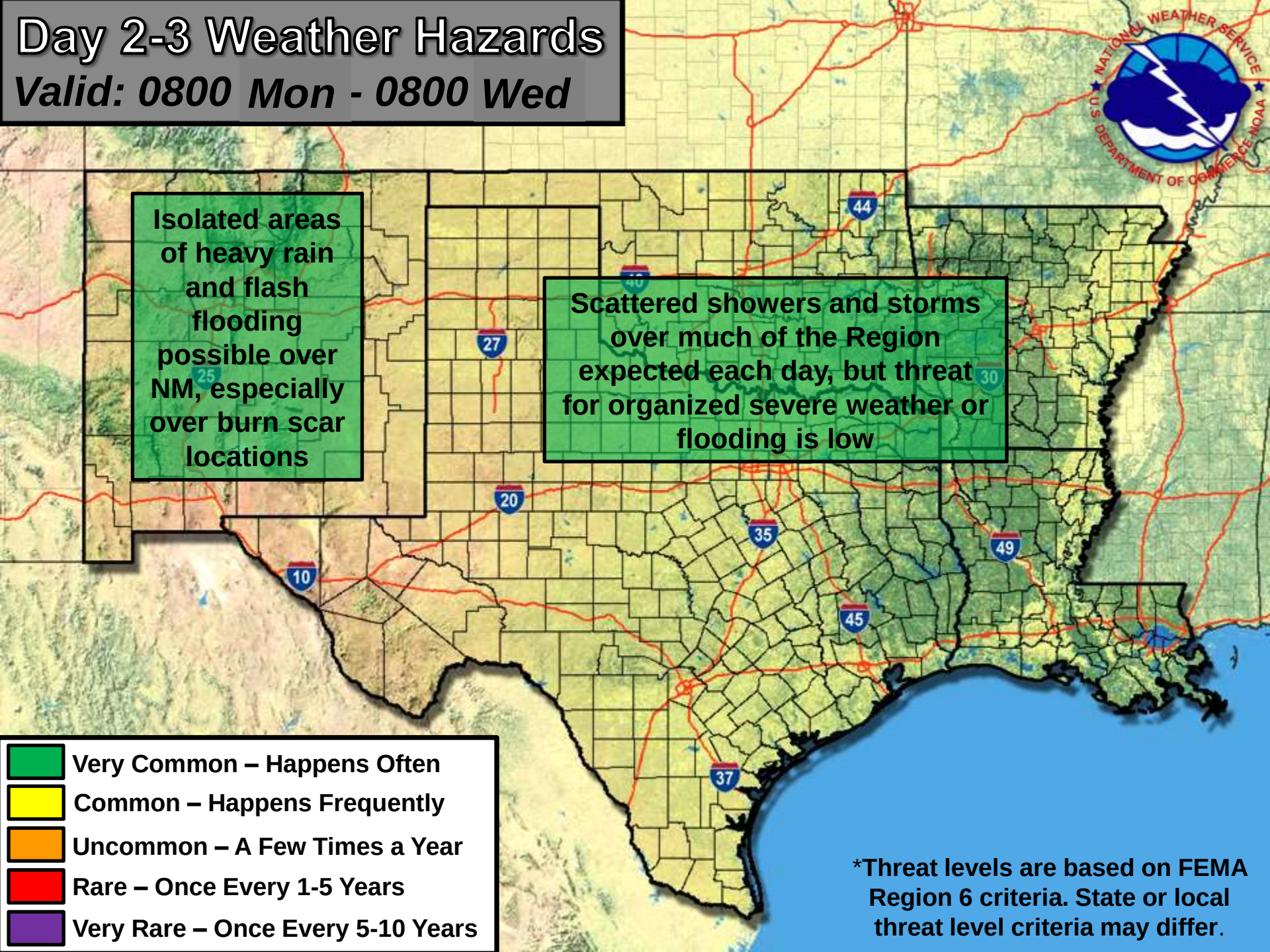
Weather Forecast for Tue, Jun 30, 2015, issued 4:44 AM EDT Sun, Jun 28, 2015
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Krekeler based on WPC, SPC and NHC forecasts





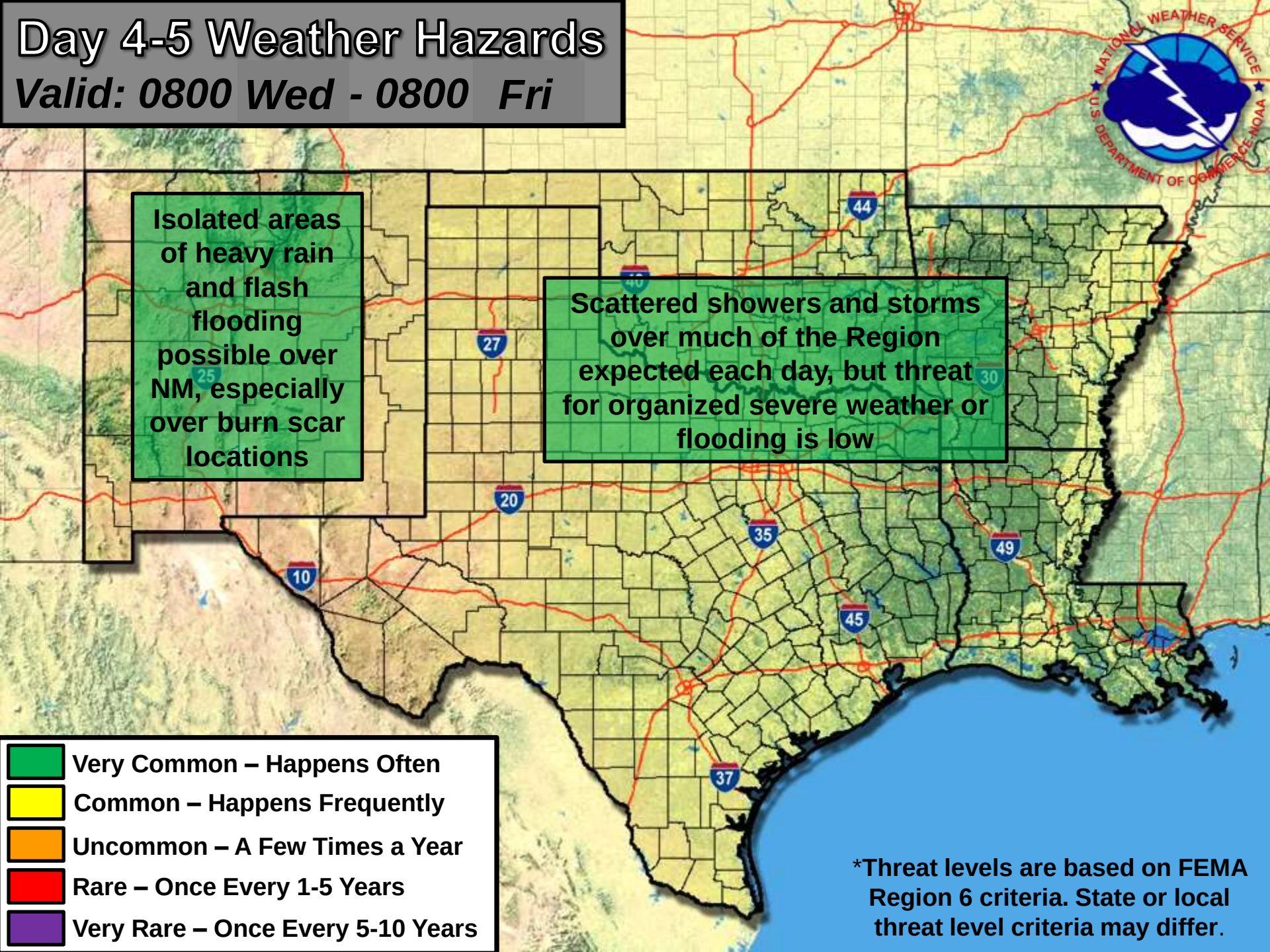
Day 2-3 Weather Hazards

Valid: 0800 Mon - 0800 Wed



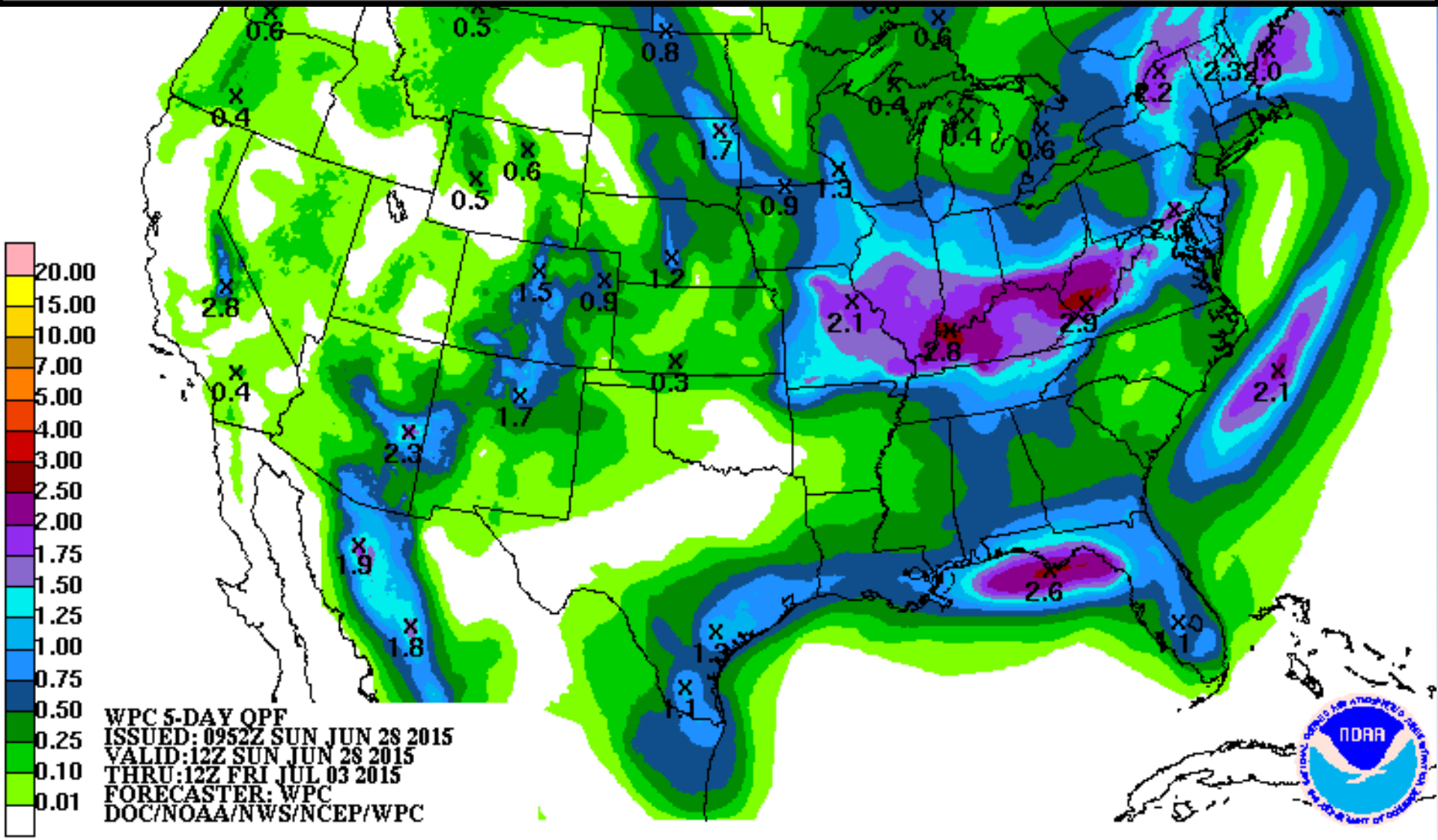
Day 4-5 Weather Hazards

Valid: 0800 Wed - 0800 Fri



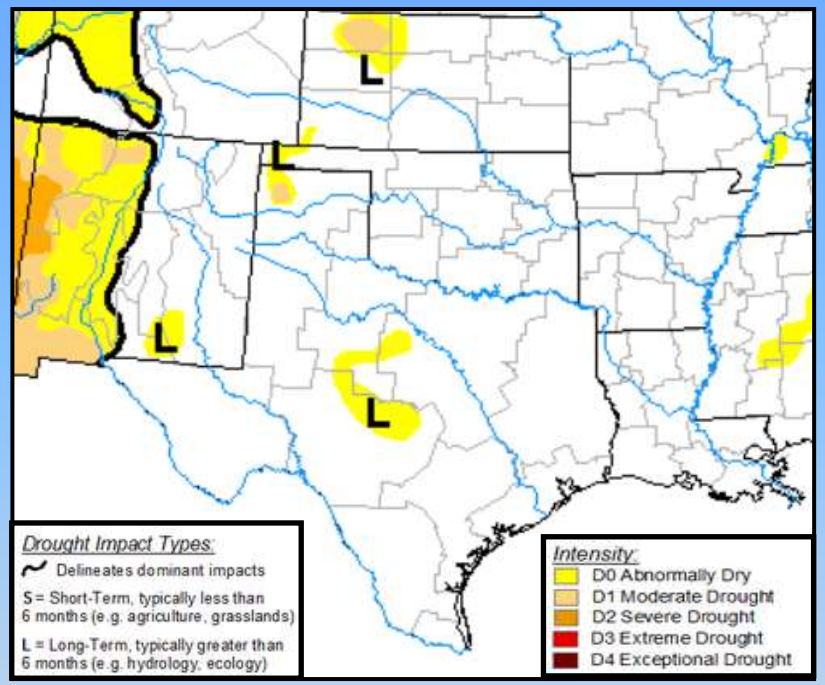
5-Day Precipitation

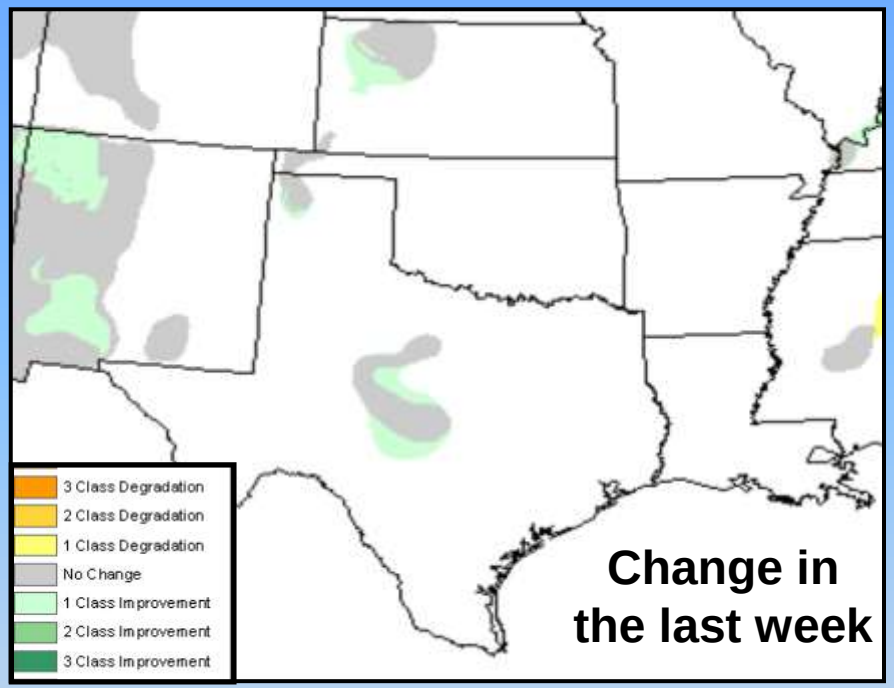
Sun AM - Fri AM



Drought Monitor Released June 25th, 2015

Data valid as of Tuesday, June 23rd, 2015 at 7AM CDT





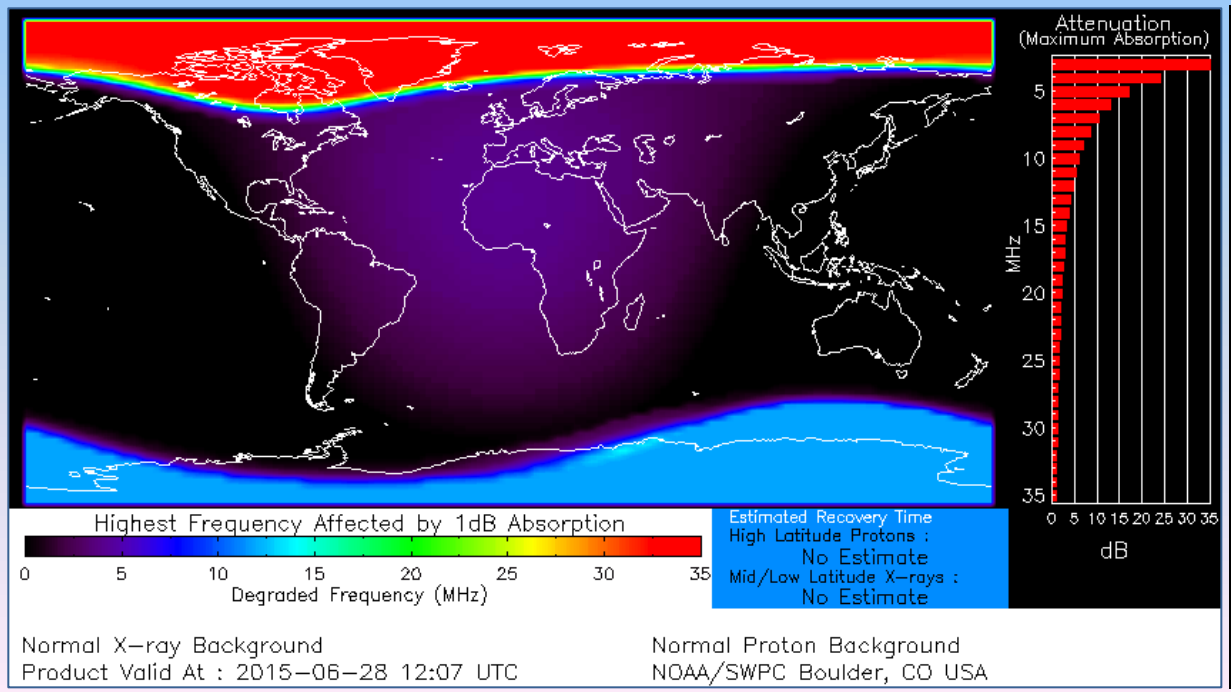
Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)				
State	Current	Last Week	3 Months Ago	1 Year Ago
Oklahoma	0.00%	0.00%	35.74%	40.57%
Texas	0.00%	0.00%	13.67%	19.27%
New Mexico	0.00%	0.00%	0.00%	29.24%
Arkansas	0.00%	0.00%	0.00%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%

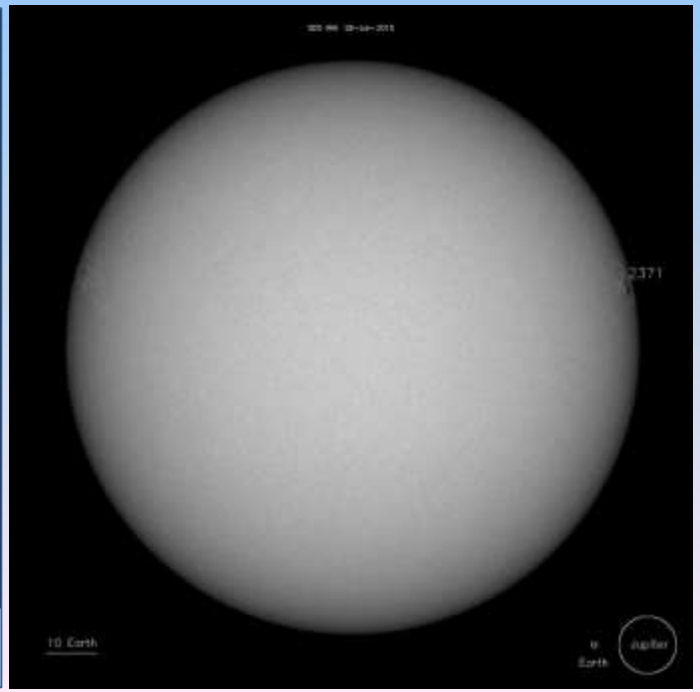
Space Weather 3-Day Forecast

	Sunday	Monday	Tuesday
Geomagnetic Storms	Unsettled to Active (Max Kp = 4)	Quiet to Unsettled (Max Kp = 3)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	50%	20%	10%
Radio Blackout (R1-R2)	60%	60%	5%
Radio Blackout (R3-R5)	20%	20%	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:

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