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, June 25, 2015

Issued: 0800 CT

National Weather Service

Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Day 1 Hazards: ***Strong to severe thunderstorms possible over E LA, Isolated areas of heavy rain & flash flooding over NM***

River Flood Hazards: ***Major river flooding along the Red River in NE TX/SE OK. Major river flooding continues at Liberty on the Trinity River in SE TX.***

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Key Points

River Flood Situation

- **The Red River in NE TX/SE OK is at major flood stage and will continue rising slightly and cresting later today and then a slow decrease but remaining in major flood stage for the next few days. Points further downstream in SW AR/NE LA will be rising slowly over the next week to week and a half.**
  - ***Levels at all locations are forecast to be lower (2 – 5 ft) than those experienced in early June***
- **The Trinity will remain in Minor/Moderate (Major at Liberty) Flood Stage this week**

Thursday

- **Scattered showers and storms possible across the Region, but organized severe weather and/or flooding are not expected**
  - **Strong to severe thunderstorms possible over E LA**
  - **Some isolated areas of heavy rainfall and flash flooding are possible over NM**

Friday - Sunday

- **Front moves through northern ½ of the Region Friday and early Saturday; and then into south-central/SE TX & southern LA Saturday into Sunday bringing increased chances for showers and thunderstorms and slightly cooler temperatures**
  - **Strong to Severe thunderstorms (primarily damaging winds) and isolated areas of heavy rainfall possible Friday afternoon/evening from NE NM eastward across the panhandles and OK/AR**
  - **Severe weather threat diminishes on Saturday – Sunday as the front moves southward but some isolated areas of heavy rainfall and flash flooding are possible**

Tropical Outlook

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

*FEMA Region 6 Threat Matrix

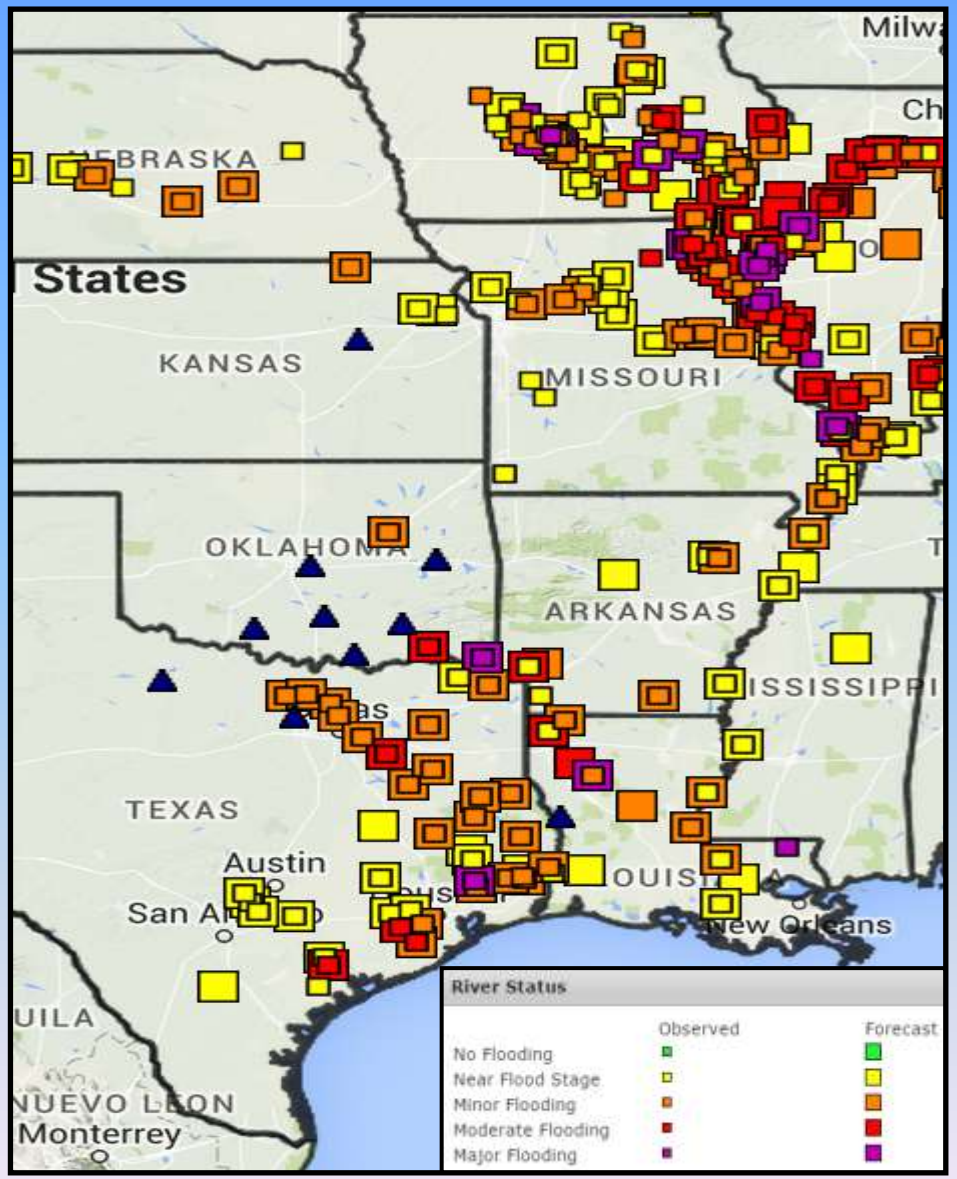
Jun 25, 2015 - Jun 29, 2015

DAY/ THREAT	THU	FRI	SAT	SUN	MON
Severe Storms	E LA	Central/East OK, North/Central AR NE NM, TX/OK Panhandles, OK, AR			
Heavy Rain /Flash Flooding	NM	NM, OK, AR	NM	NM	NM
Tropical					
River Flooding	NE TX/SE OK, SE TX	→	→	→	→

- 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



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

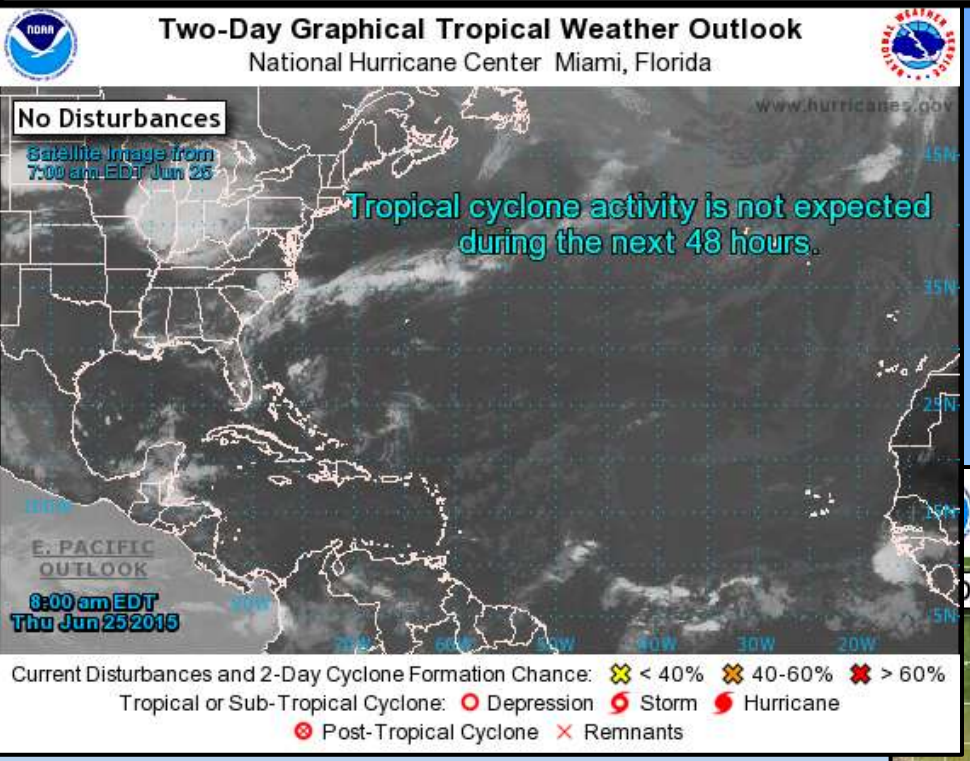
- **The Red River in NE TX/SE OK is at major flood stage and will continue rising slightly over the next day or so and remain at major flood stage over the next few days. Points further downstream in SW AR/NE LA will be slowly rising over the next week to week and a half.**
  - **Levels at all locations are forecast to be lower (2 – 5 ft) than those experienced in early June**
  - **For a graphical view of the river forecasts for the Red River from Dekalb, TX through Grand Encore, LA go to http://www.srh.noaa.gov/shv/?n=flood**
- **The Trinity River will remain in Minor/Moderate (Major at Liberty) Flood Stage this week**

- **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 the latest summary of MS River flooding along the lower MS River go to http://www.srh.noaa.gov/lmrfc/?n=lmrfc-mississippiandohioriverforecast**

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.

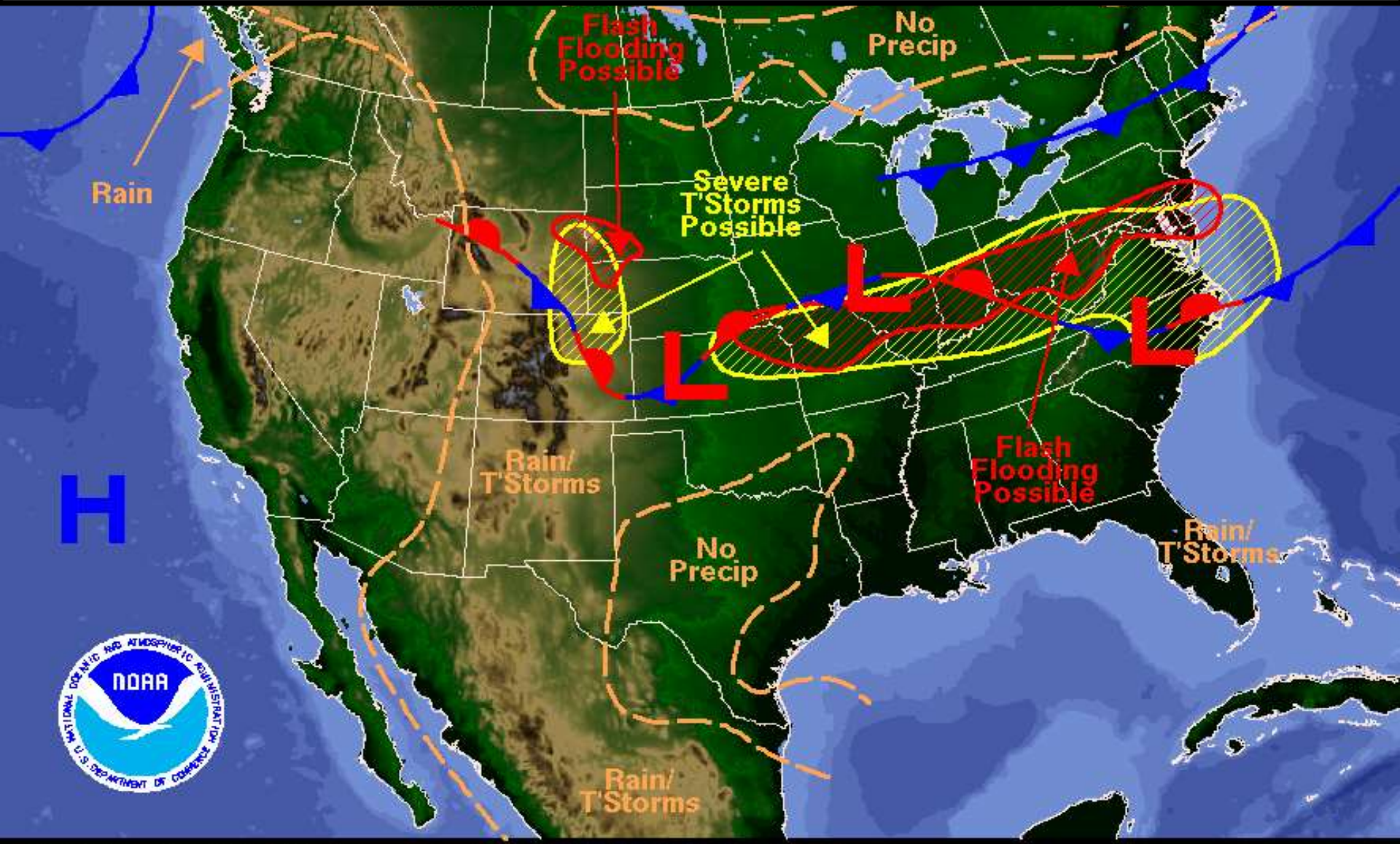
Weather "Threat" Matrix			
Color	**Definition**	**Criteria**	**Example(s)**
Green	**Very Common – Happens Often** Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected 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.

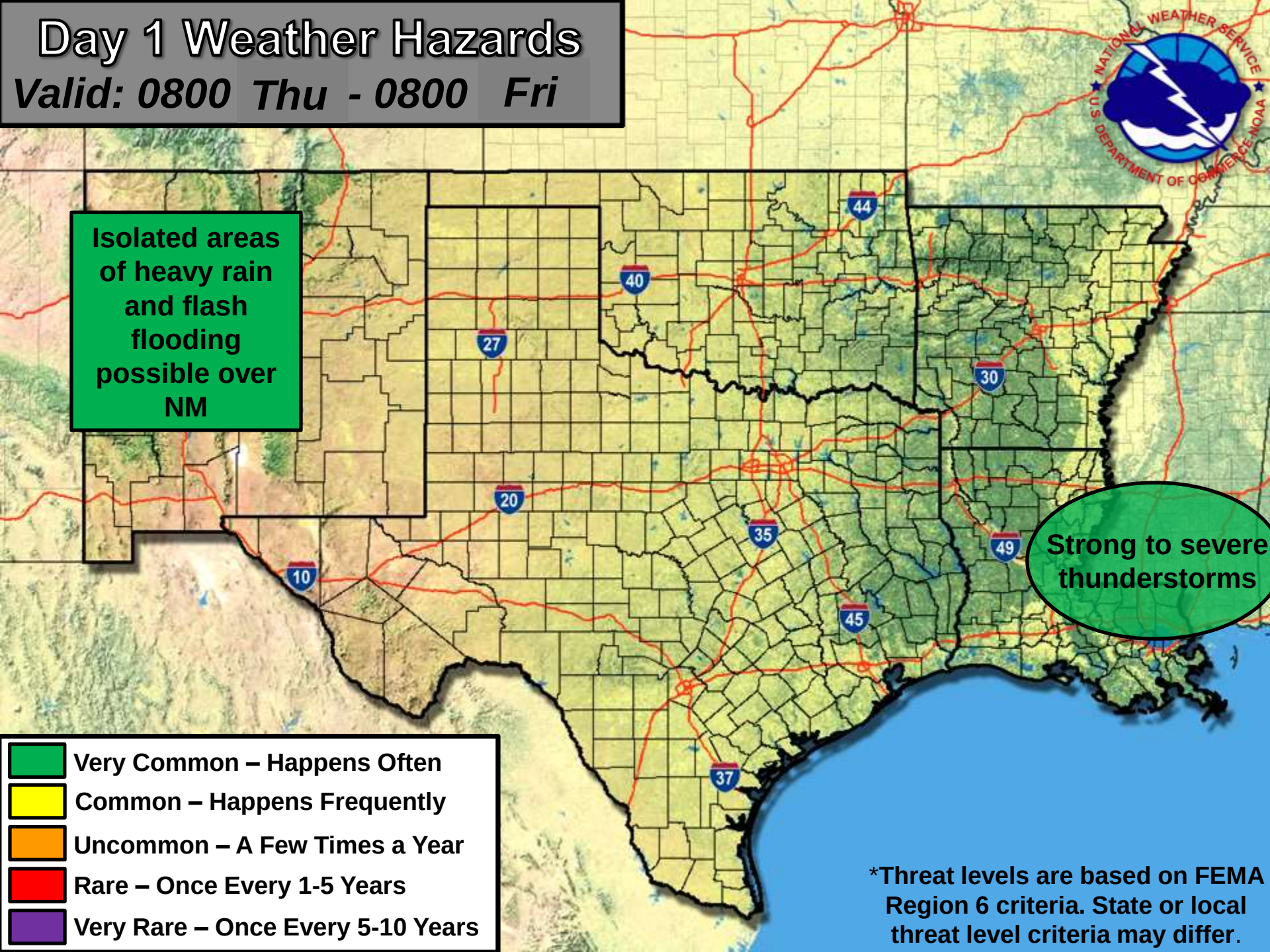
Today's Weather



Weather Forecast for Thu, Jun 25, 2015, issued 4:25 AM EDT
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Mcreynolds based on WPC, SPC and NHC forecasts

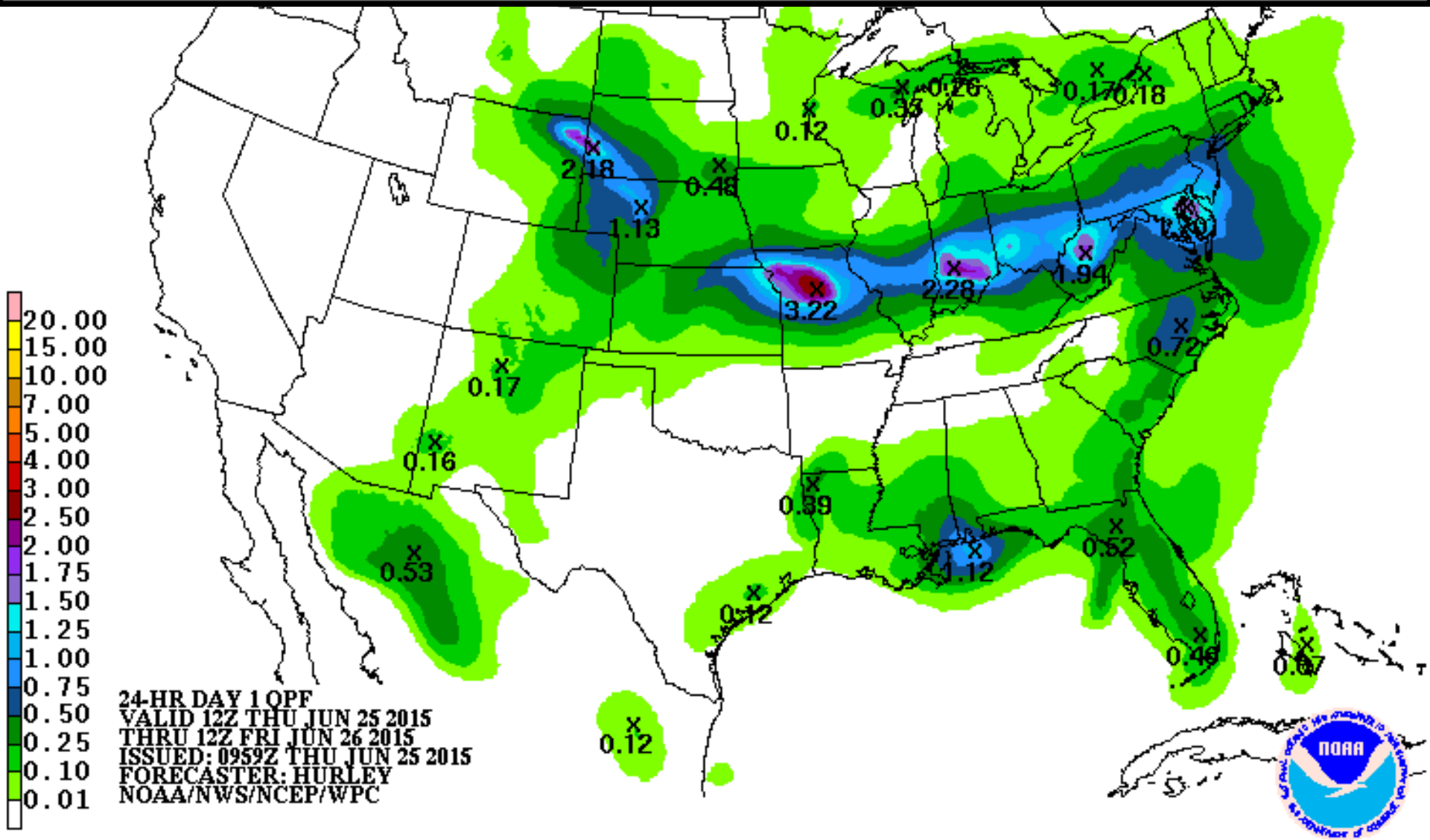
Day 1 Weather Hazards

Valid: 0800 Thu - 0800 Fri

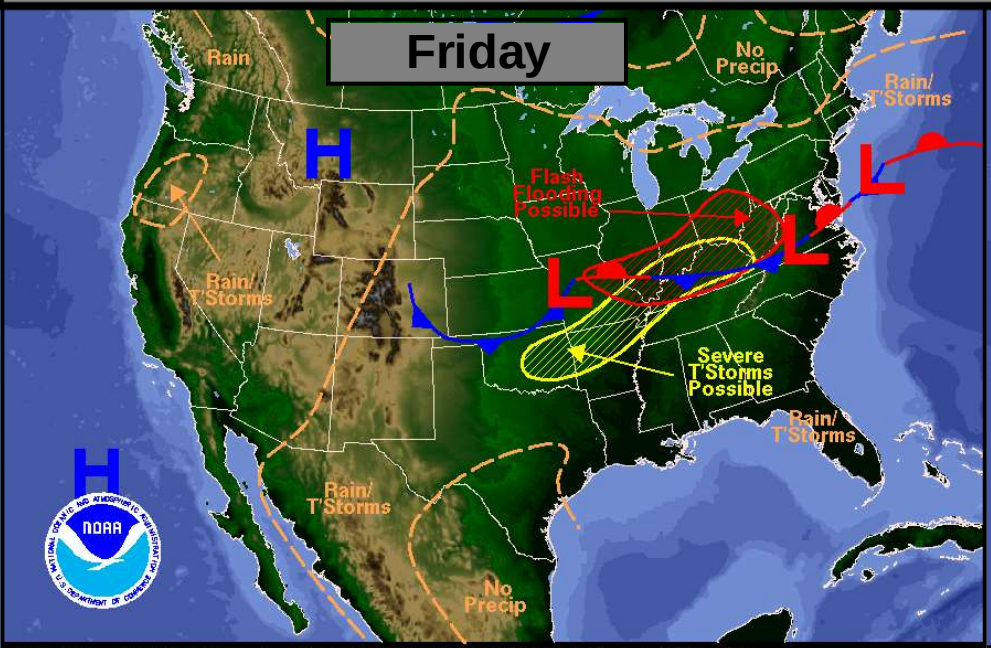


Today's Precipitation

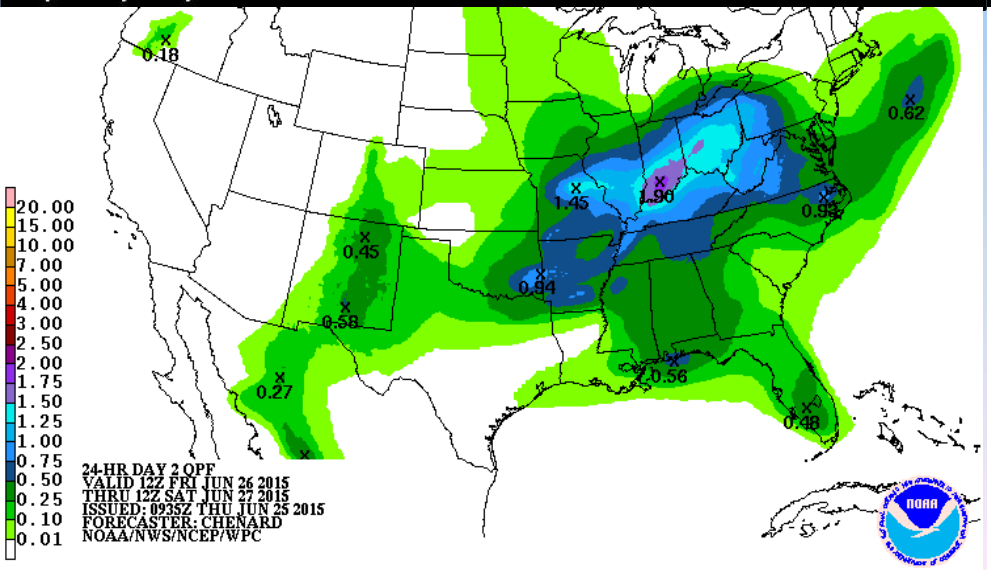
Thu AM - Fri AM

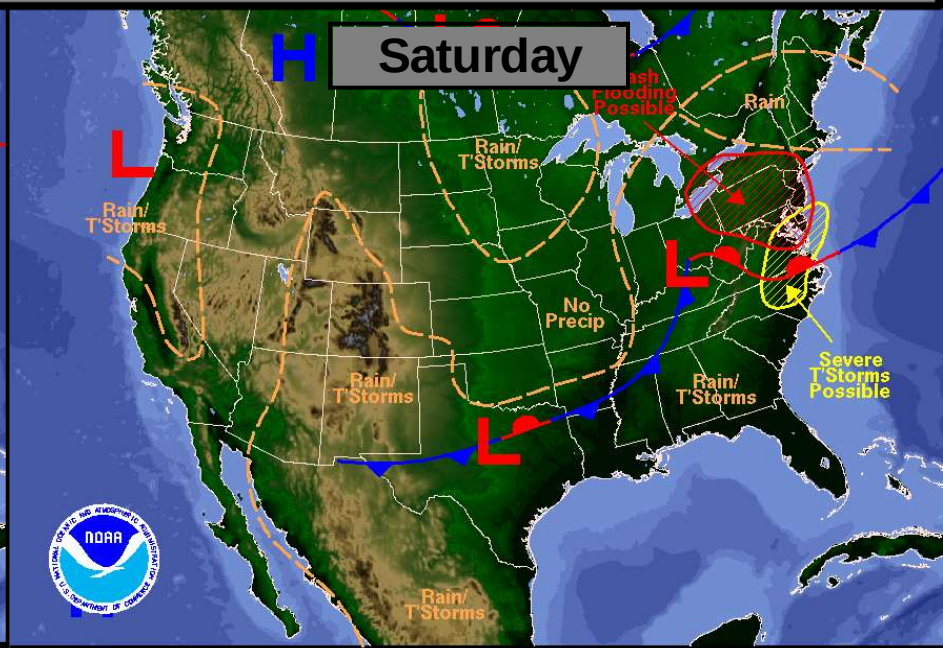


Day 2-3 Weather Maps/Precipitation

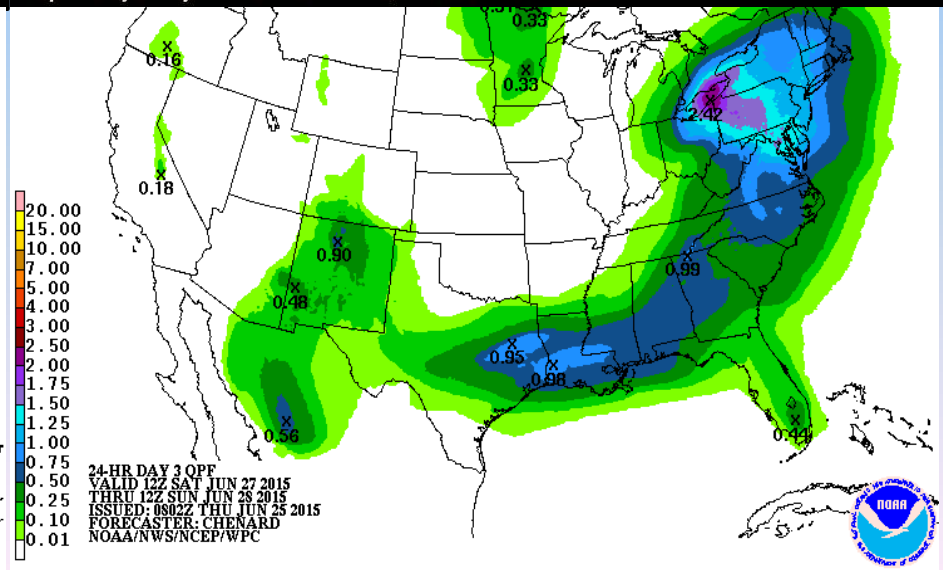


Weather Forecast for Fri, Jun 26, 2015, issued 4:38 AM EDT Thu, Jun 25, 2015
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Mcreynolds based on WPC, SPC and NHC forecasts



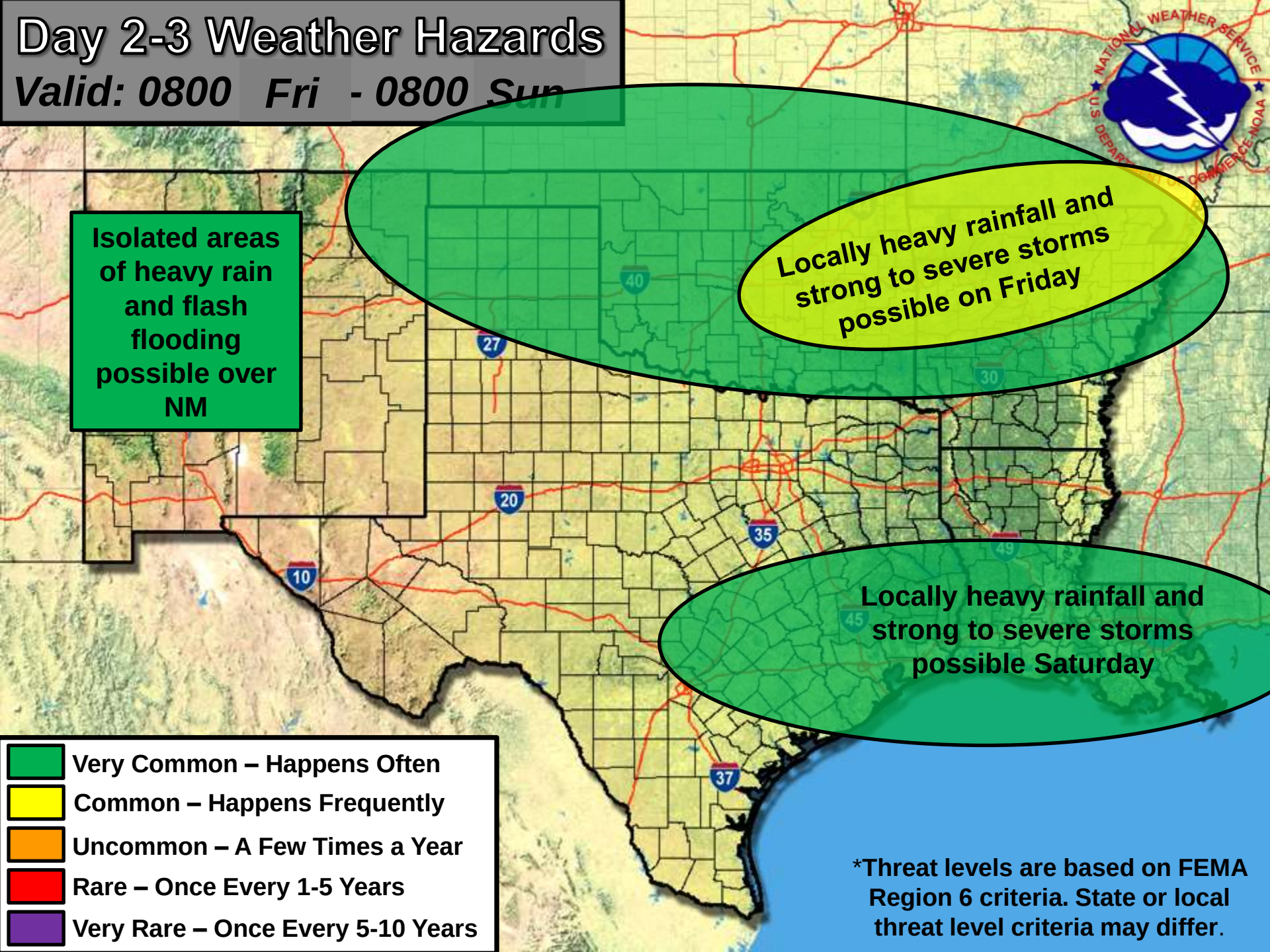


Weather Forecast for Sat, Jun 27, 2015, issued 4:53 AM EDT Thu, Jun 25, 2015
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Mcreynolds based on WPC, SPC and NHC forecasts



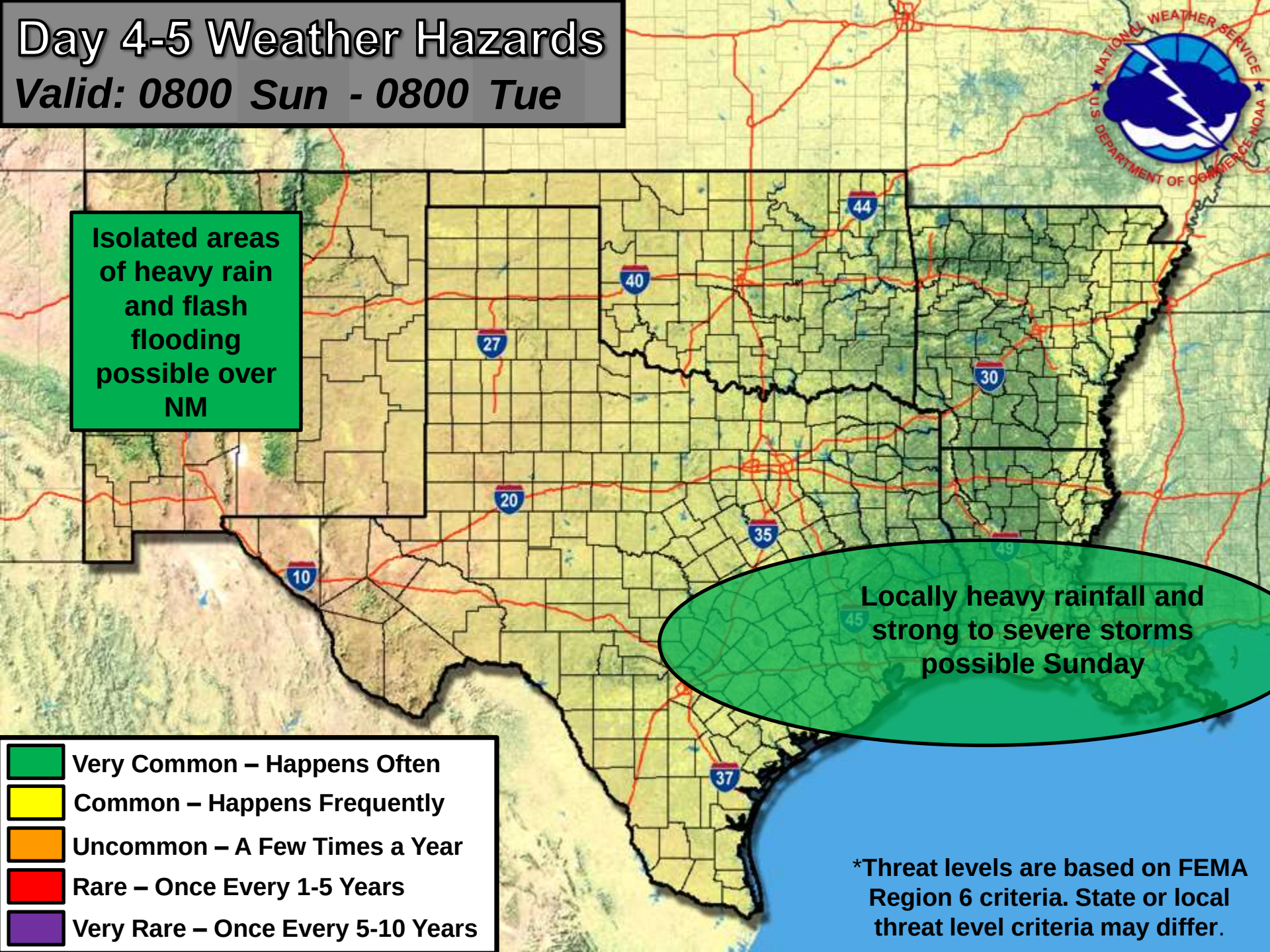
Day 2-3 Weather Hazards

Valid: 0800 Fri - 0800 Sun



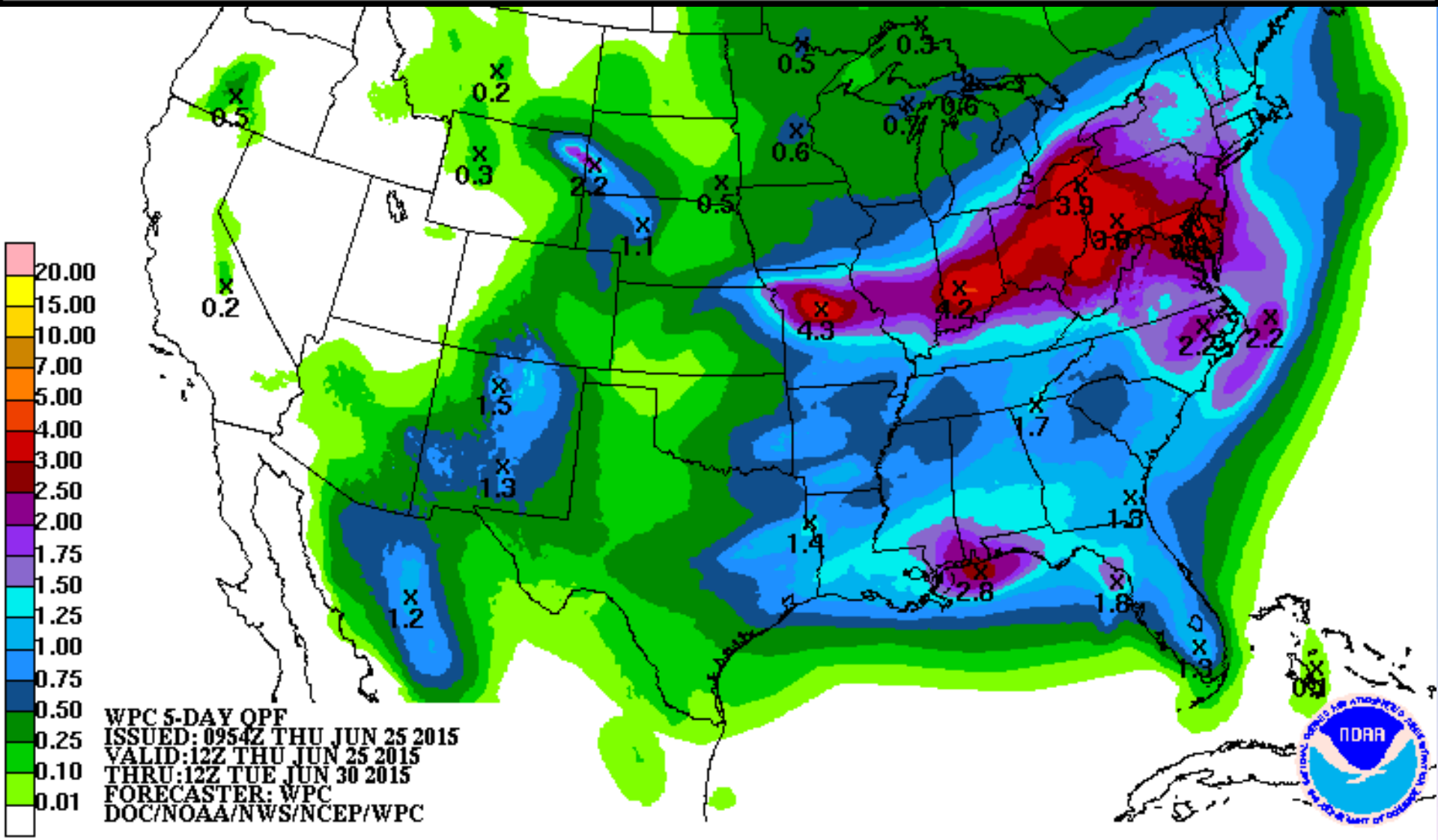
Day 4-5 Weather Hazards

Valid: 0800 Sun - 0800 Tue



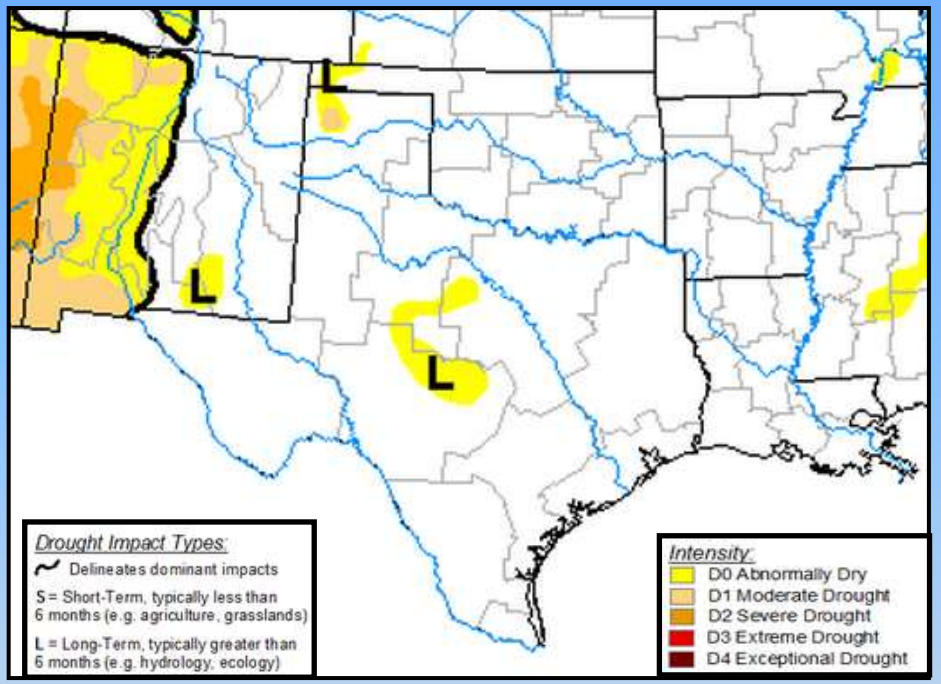
5-Day Precipitation

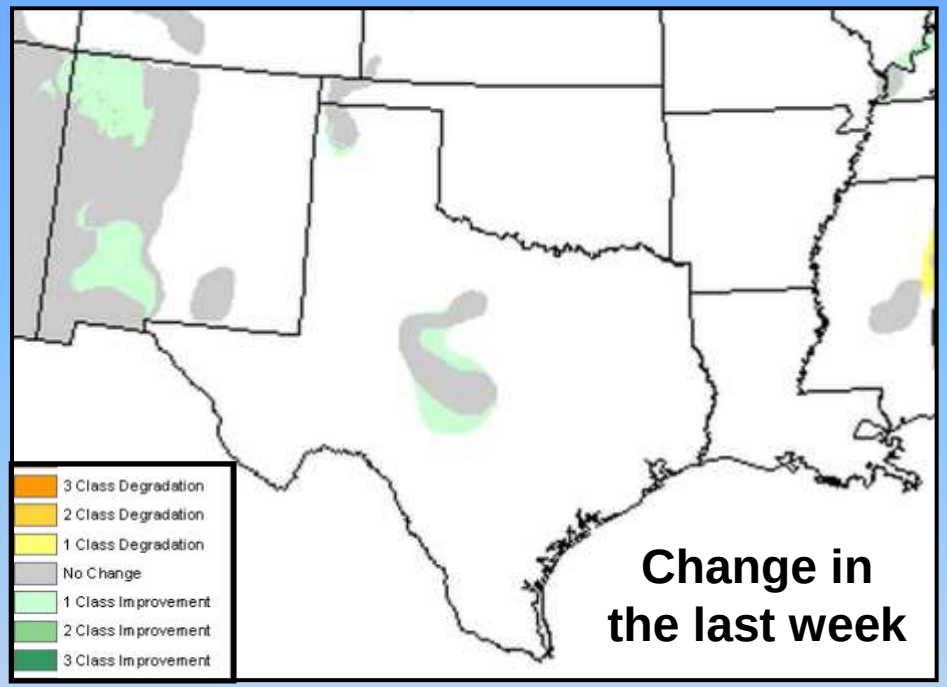
Thu AM - Tue AM



Drought Monitor Released June 25th, 2015

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





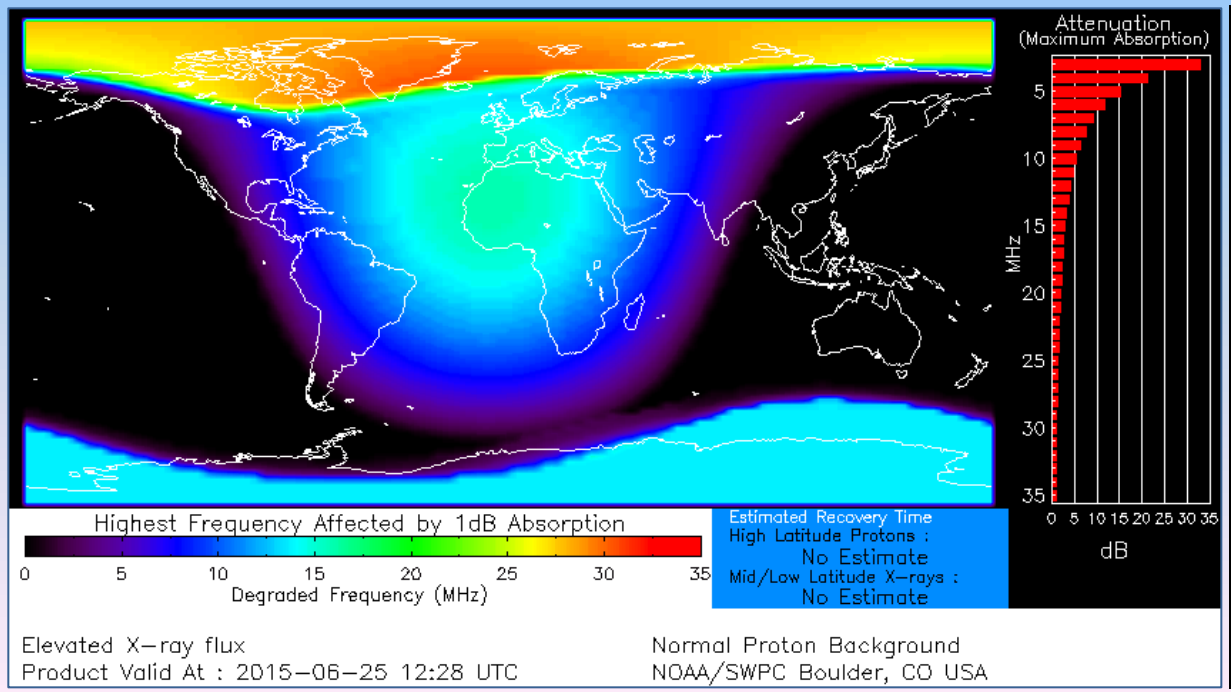
Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)				
State	Current	Last Week	3 Months Ago	1 Year Ago
Oklahoma	0.00%	0.00%	35.74%	40.57%
Texas	0.00%	0.00%	13.67%	19.27%
New Mexico	0.00%	0.00%	0.00%	29.24%
Arkansas	0.00%	0.00%	0.00%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%

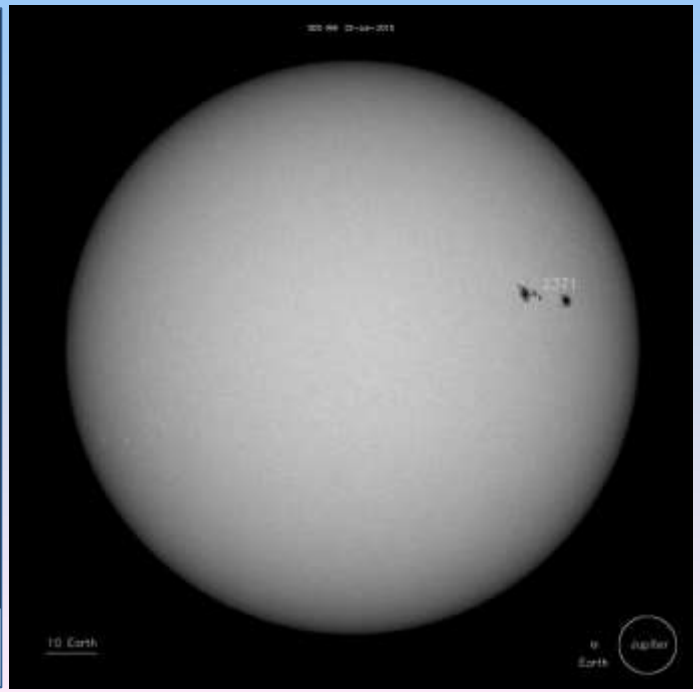
Space Weather 3-Day Forecast

	Thursday	Friday	Saturday
Geomagnetic Storms	Active to Unsettled (Max Kp = 4)	Unsettled to Quiet (Max Kp = 3)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	95%	90%	80%
Radio Blackout (R1-R2)	60%	60%	60%
Radio Blackout (R3-R5)	10%	10%	10%

[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
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

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