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 www.weather.gov/srh and click on the "Weather Forecast Offices" tab and click on the map for your area.

FEMA Region 6
Weather Threat Briefing

Monday, October 2, 2017
Issued: 0800 CT

National Weather Service

Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

***Day One Impacts*: Moderate to isolated major river flooding continues for the Nueces River.**

Minor coastal flooding possible in S LA.

Isolated heavy rain/flash flooding possible along the extreme upper TX coast into southern LA.

Isolated severe storms w/ damaging winds/hail in the northern TX Panhandle into the western OK Panhandle

Prepared by: Brian Hoeth
817-978-1100 x 147

Key Points

Today

- Moderate to isolated major river flooding will continue in SW TX on the Nueces
- Isolated heavy rainfall/flash flooding over extreme Upper TX coast into Southern LA
- Isolated severe storms over the Northern TX Panhandle/W OK Panhandle

Tuesday - Wednesday

- Moderate to isolated major river flooding will continue in SW TX on the Nueces
- Isolated heavy rainfall/flash flooding over the mid to upper TX coast, eastern NM into Far W TX, and central OK on Tuesday and for OK, NM, and the TX Panhandle on Wednesday

Thursday - Friday

- An unsettled weather pattern is expected mid/late week. Some heavy rain may be possible across central portions of the Region, and a few strong to severe storms over northern portions of the Region. Low confidence in exact locations/amounts at this point.

Tropical Outlook

- Disorganized showers and thunderstorms across portions of the Yucatan Peninsula, Central America, and the northwestern Caribbean Sea are associated with surface trough that is interacting with an upper-level low. Some slow development of this system is possible by the end of the week or this weekend while it drifts northward into the southern Gulf of Mexico.
  - Formation chance through 48 hours…low…near 0%
  - Formation chance through 5 days…low…20%

FEMA Region 6 Threat Matrix

Oct 2, 2017 - Oct 6, 2017

	MON	TUE	WED	THU	FRI
Severe Weather	N TX Panhandle into W OK Panhandle			Northern portions of the Region	Northern portions of the Region
Heavy Rain / Flash Flooding	Upper TX coast into Southern LA	Middle & Upper TX Coast, E NM/Far W TX, Central OK	OK, NM, TX Panhandle	Central portions of the Region	Central portions of the Region
Fire Weather					
River Flooding	Nueces	Nueces	Nueces	Nueces	Nueces
	Rio Grande	Rio Grande	Rio Grande	Rio Grande	Rio Grande
Tropical Weather	Minor coastal flooding – LA	Minor coastal flooding – LA & TX			

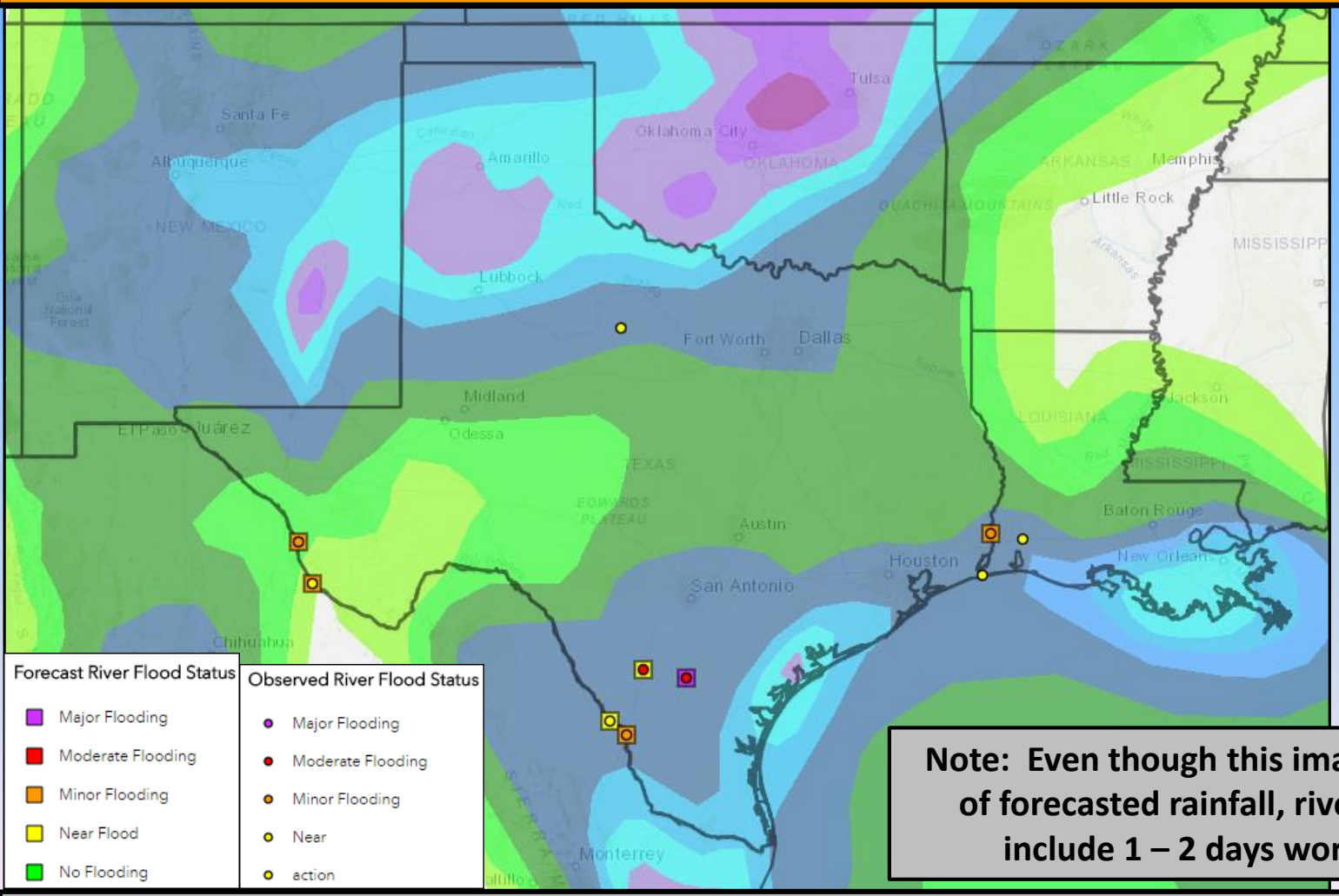
- No Weather Threats Expected
- Very Common – Happens Often
- Common – Happens Frequently
- Uncommon – A Few Times a Year
- Rare – Once Every 1-5 Years
- Very Rare – Once Every 5-10 Years

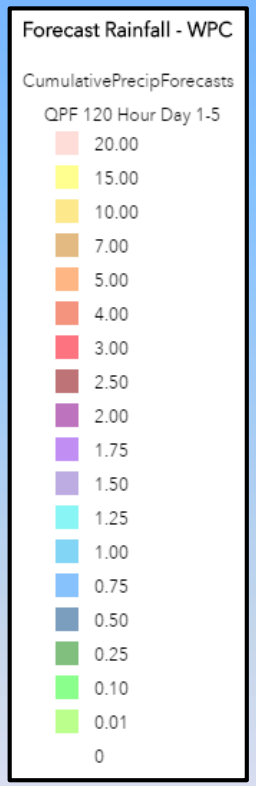
For more details on the colors in the threat matrix refer to the last slide in this briefing.

NATIONAL WEATHER SERVICE
U.S. DEPARTMENT OF COMMERCE-NOAA

5-Day Precipitation Forecast & River Flood Status

The Nueces River at Cotulla has crested in major flood, and will slowly recede. The Nueces near Tilden will continue to rise this week into Moderate/Major Flood. Minor flooding along the Rio Grande will continue for the next several days. The Sabine River at Deweyville remains in Minor flood.

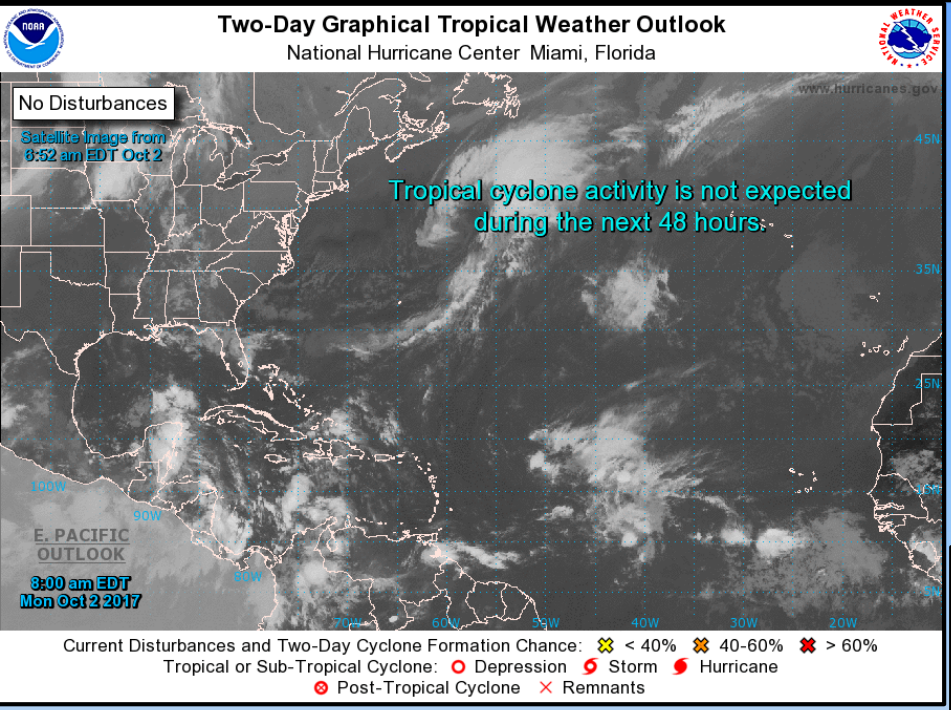




Note: Even though this image displays 5 days of forecasted rainfall, river forecasts only include 1 – 2 days worth of rainfall.

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

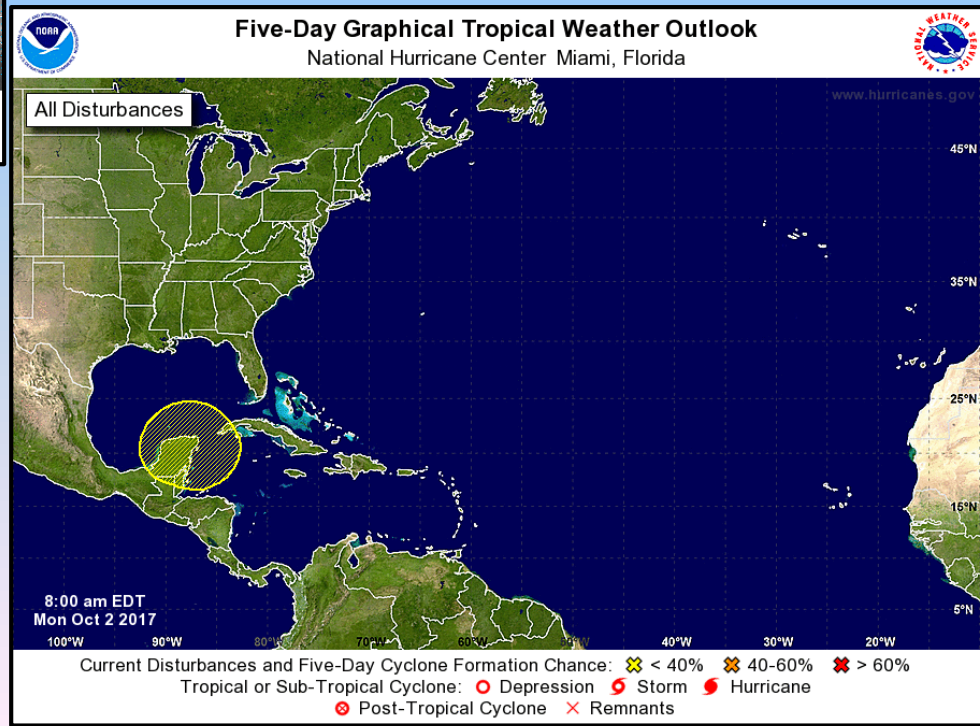
Tropical Weather Outlook



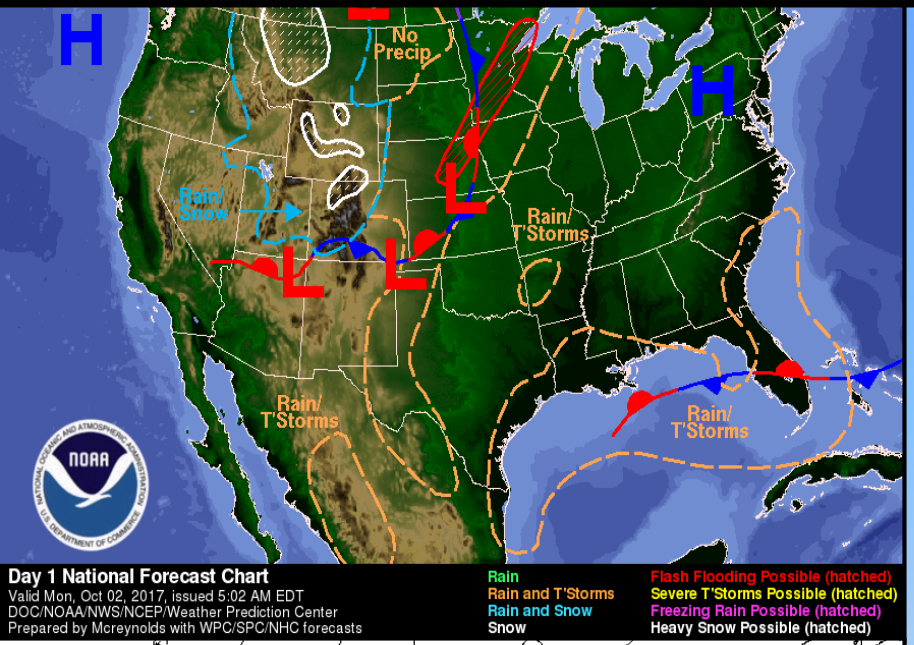
Disorganized showers and thunderstorms across portions of the Yucatan Peninsula, Central America, and the northwestern Caribbean Sea are associated with surface trough that is interacting with an upper-level low. Some slow development of this system is possible by the end of the week or this weekend while it drifts northward into the southern Gulf of Mexico.

Formation chance through 48 hours…low…near 0%

Formation chance through 5 days…low…20%



Today's Weather

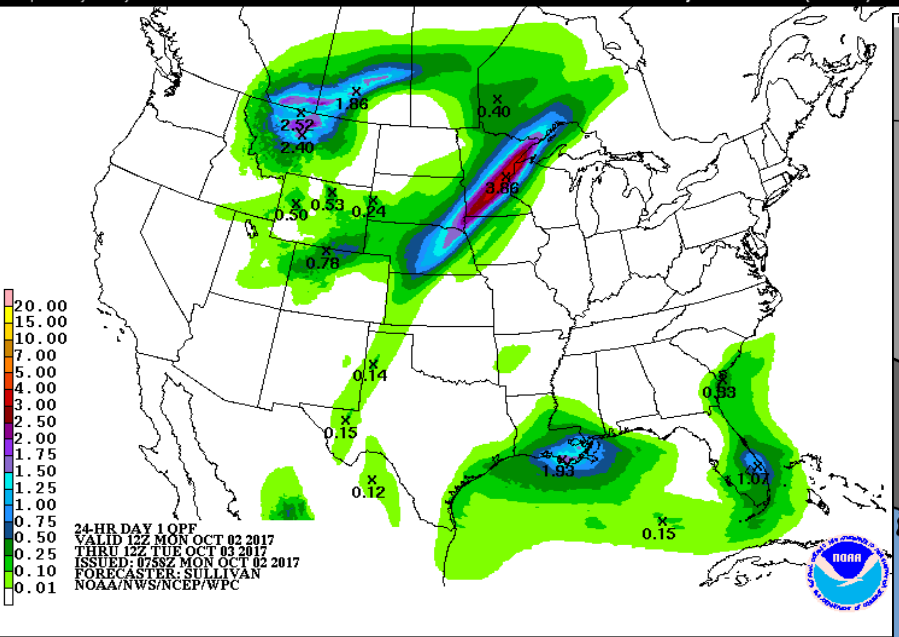


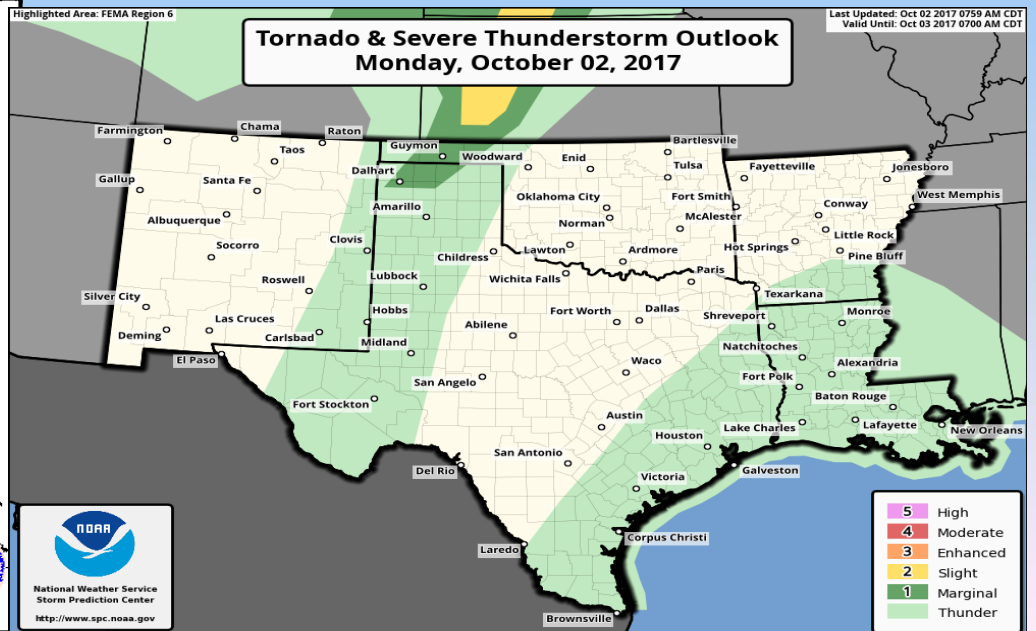
Moderate river flooding continues in SW TX.

Minor coastal flooding possible in SE LA.

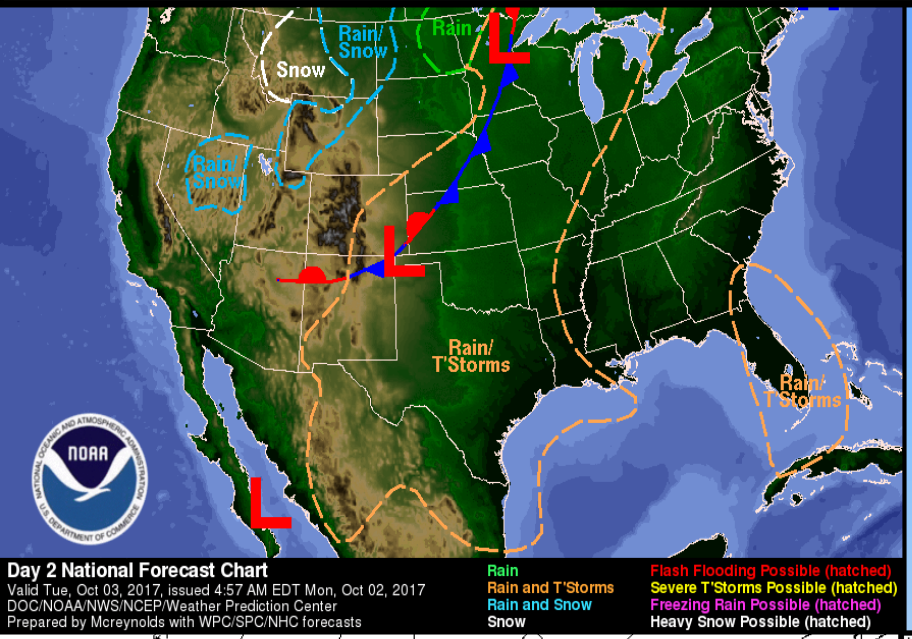
Some isolated heavy rain/flash flooding is possible for the extreme upper TX coast into southern LA.

Isolated severe storms with damaging winds/hail possible over the northern TX Panhandle into the western OK Panhandle.





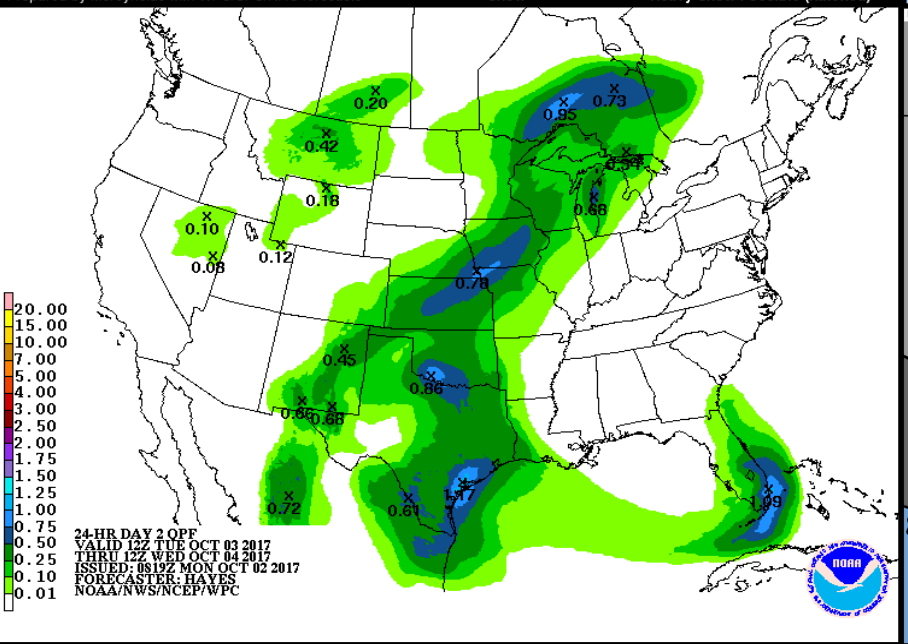
Tomorrow's Weather

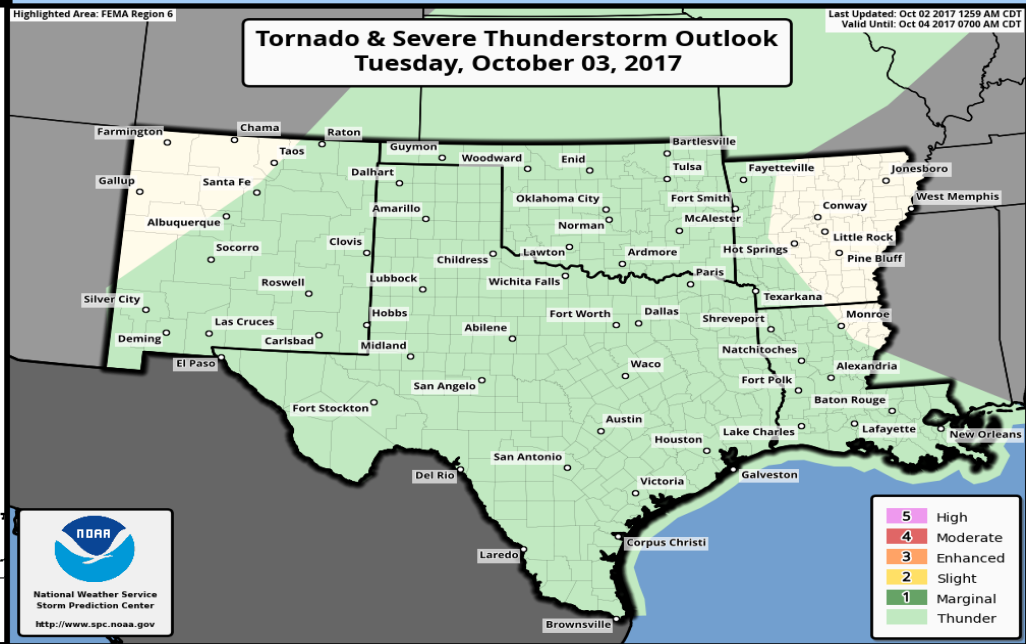


Moderate river flooding continues in SW TX.

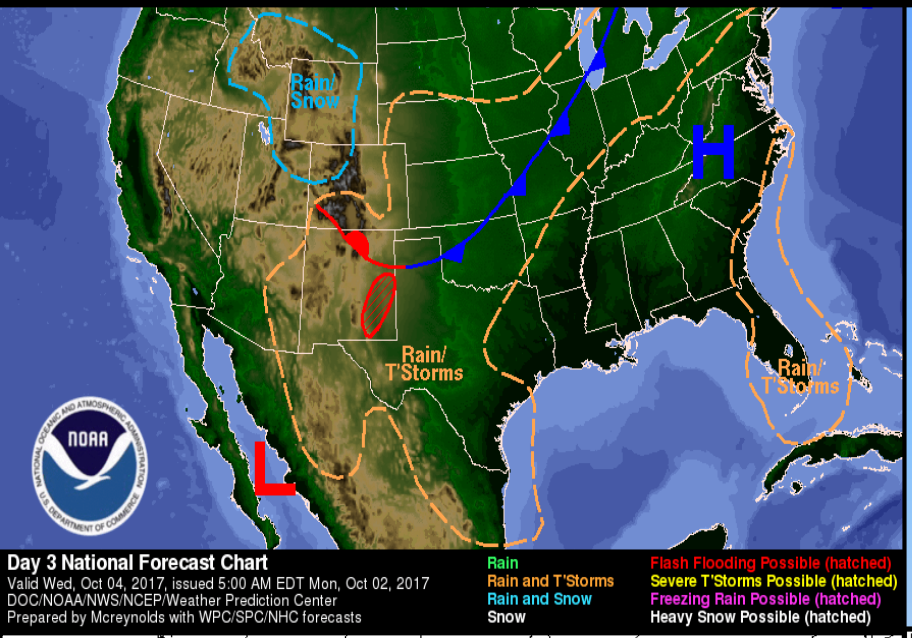
Minor coastal flooding possible in S LA & Upper TX Coast.

Some isolated heavy rain/flash flooding is possible for the middle and upper TX coast, eastern NM into Far West TX, and for central OK.



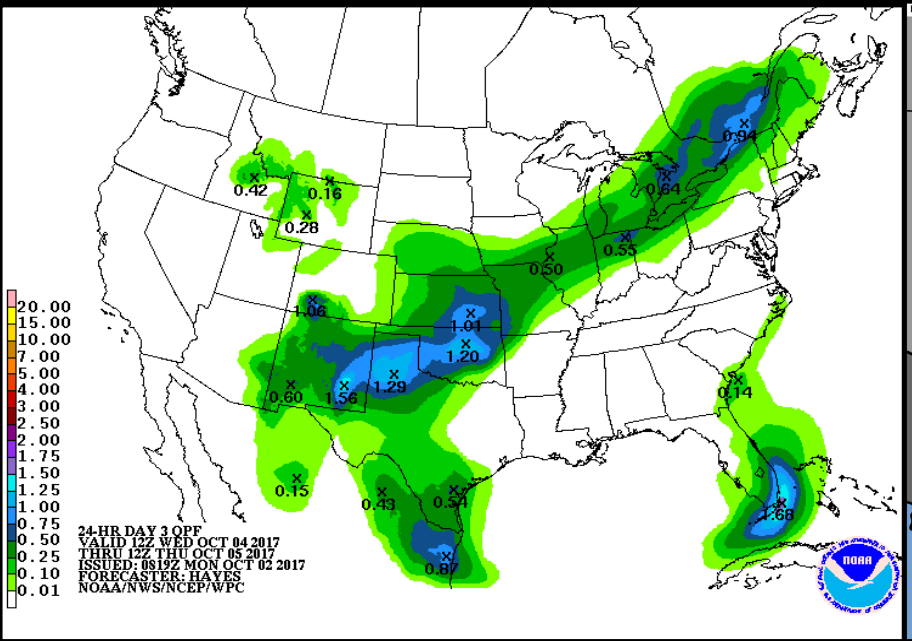


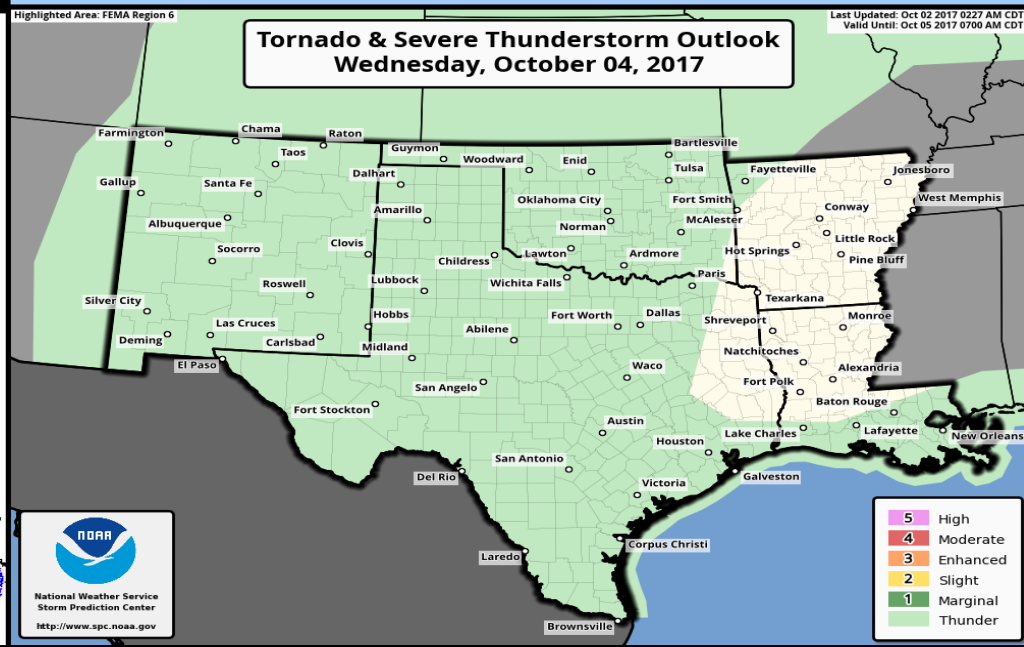
Wednesday's Weather



Moderate river flooding continues in SW TX.

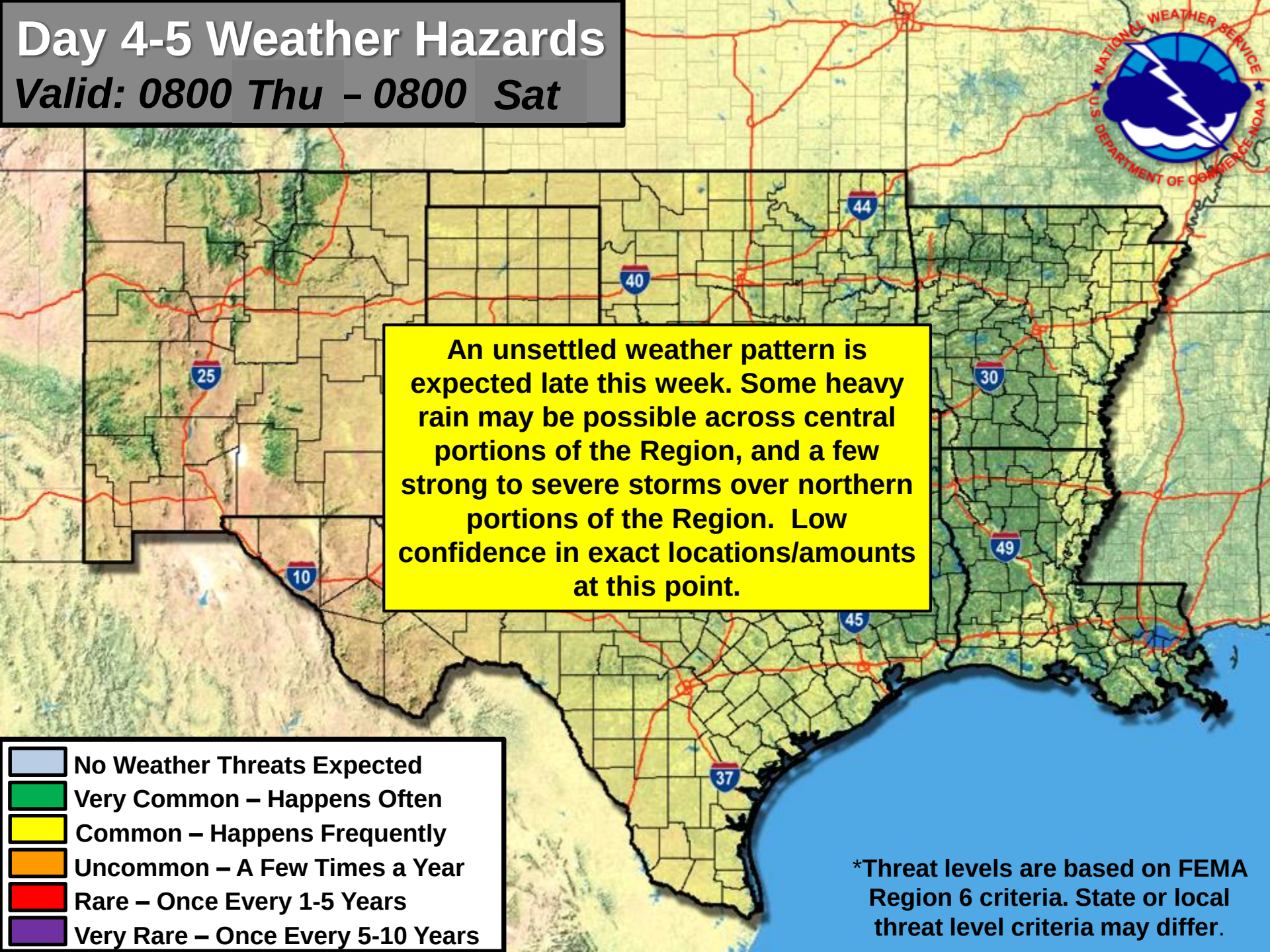
Some isolated heavy rain/flash flooding is possible for OK, NM, and the TX Panhandle.





Day 4-5 Weather Hazards

Valid: 0800 Thu – 0800 Sat



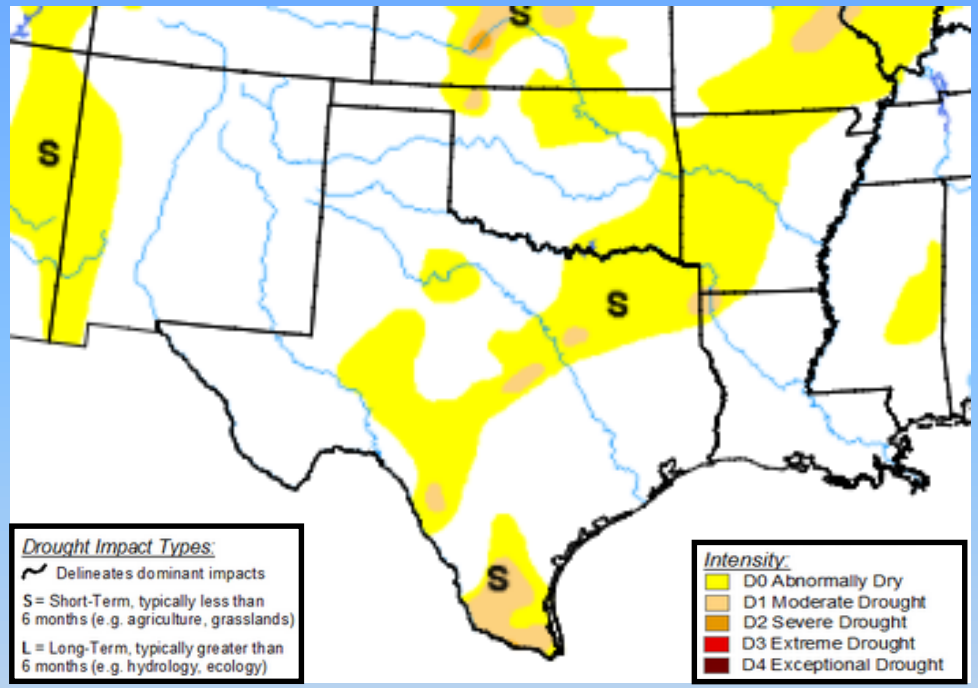
An unsettled weather pattern is expected late this week. Some heavy rain may be possible across central portions of the Region, and a few strong to severe storms over northern portions of the Region. Low confidence in exact locations/amounts at this point.

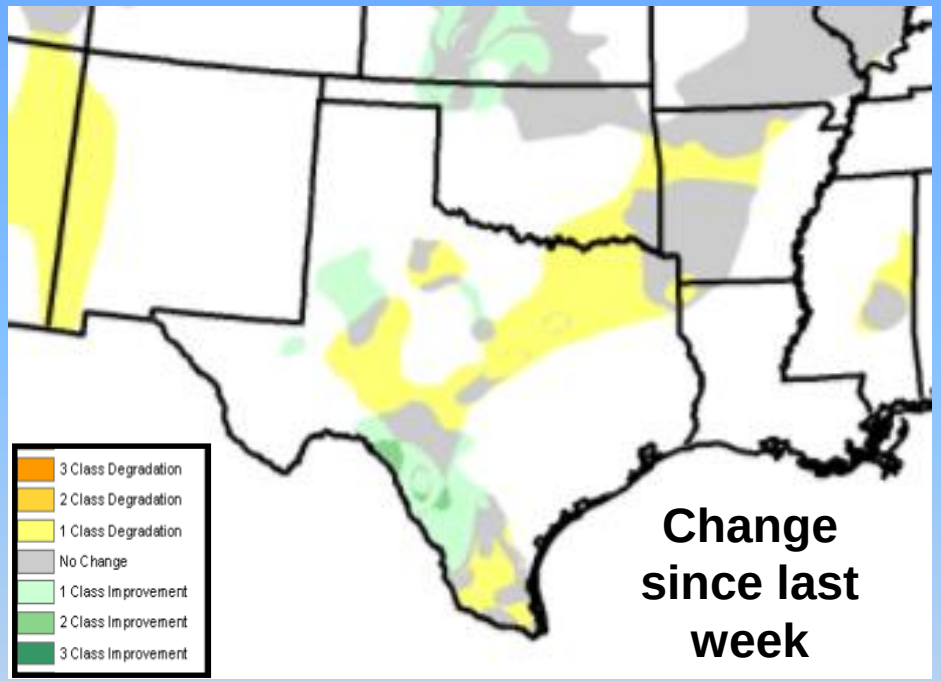
- No Weather Threats Expected
- Very Common – Happens Often
- Common – Happens Frequently
- Uncommon – A Few Times a Year
- Rare – Once Every 1-5 Years
- Very Rare – Once Every 5-10 Years

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

Drought Monitor Released 28 September, 2017

Data valid as of 7am CDT, Tuesday, September 26, 2017





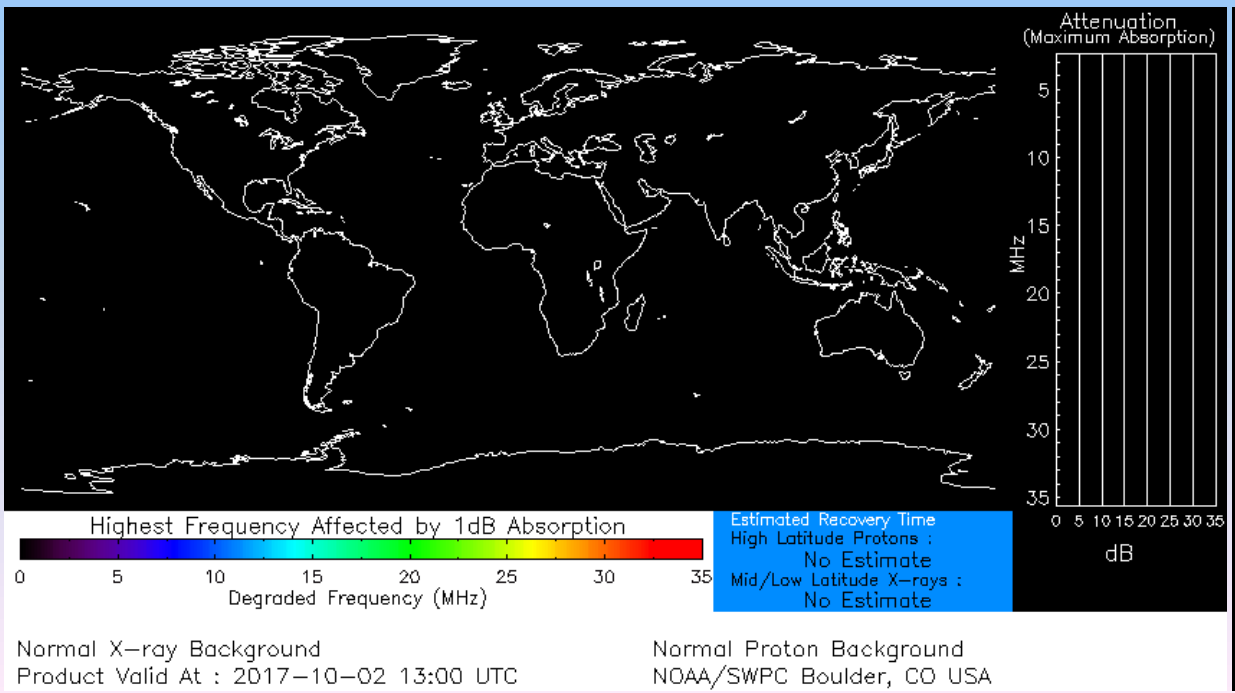
Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)				
State	Current	Last Week	3 Months Ago	1 Year Ago
Oklahoma	0.00%	0.00%	0.00%	0.00%
Arkansas	0.00%	0.00%	0.00%	0.00%
Texas	0.00%	0.00%	0.00%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%
New Mexico	0.00%	0.00%	0.00%	0.00%

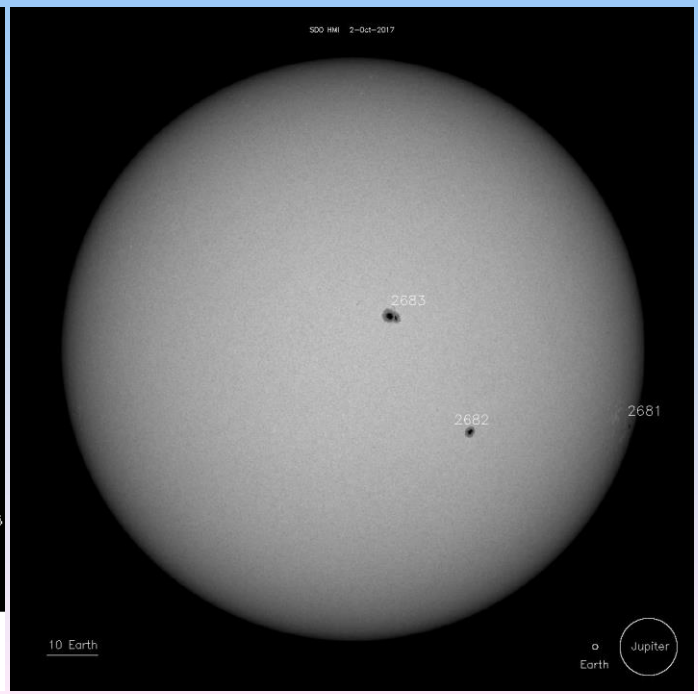
Space Weather 3-Day Forecast

	Monday	Tuesday	Wednesday
Geomagnetic Storms	Quiet to Unsettled (Max Kp = 3)	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





Information provided by:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747 ***New Direct Number**
E-mail: sr-srh.roc@noaa.gov
Web: http://www.weather.gov/srh (**NEW link!!**)

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twitter @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.

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