FEMA

Prepared by
Kurt Van Speybroeck

FEMA Region 6
Weather Threat Briefing

Sunday, October 28, 2018

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.

Summary of the Upcoming Week

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Today - Monday

- No significant weather impacts expected.

Tuesday - Thursday

- Isolated strong/severe thunderstorms with heavy rain/flash flooding possible across the Arklatex late Tuesday and expanding into E TX and LA by Wednesday.
- Isolated strong/severe storms with heavy rain/flash flooding across E AR/LA - Thursday.

River Flood Status

- Moderate to Major River flooding continues across East and South Texas.
- Points along the Nueces river in S TX will continue in Major Flood at times over the next week as water moves downstream. At Tilden, a continued slow rise in major flood is expected; evacuation of livestock and a few residential properties may be required.
- The Trinity River at Liberty is in Moderate flood near Long Lake. Flood crest will move downstream through this weekend with impacts of agricultural flooding and several subdivisions above Liberty likely flooding.

Tropical Outlook

- Subtropical Storm Oscar in the Central Atlantic will have no impacts to FEMA 6.
- Additional tropical cyclone formation is not expected during the next 5 days.

FEMA Region 6 Threat Matrix

Oct 28, 2018 – Nov 1, 2018

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DAY / THREAT	SUN	MON	TUE	WED	THU
Severe Storms			Arklatex	AR/LA/SE OK E TX	E AR/LA
Heavy Rain / Flash Flooding			Arklatex	AR/LA/SE OK E TX	E AR/LA
Winter Weather					
Tropical Weather					
River Flooding	E TX S TX	E TX S TX	E TX S TX	E TX S TX	E TX S 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

**Threat levels are based on FEMA Region 6 criteria.*
*State or local threat level criteria may differ.**
For more details on the colors in the threat matrix refer to the last slide in this briefing.

Tropical Weather Outlook – Atlantic/Gulf

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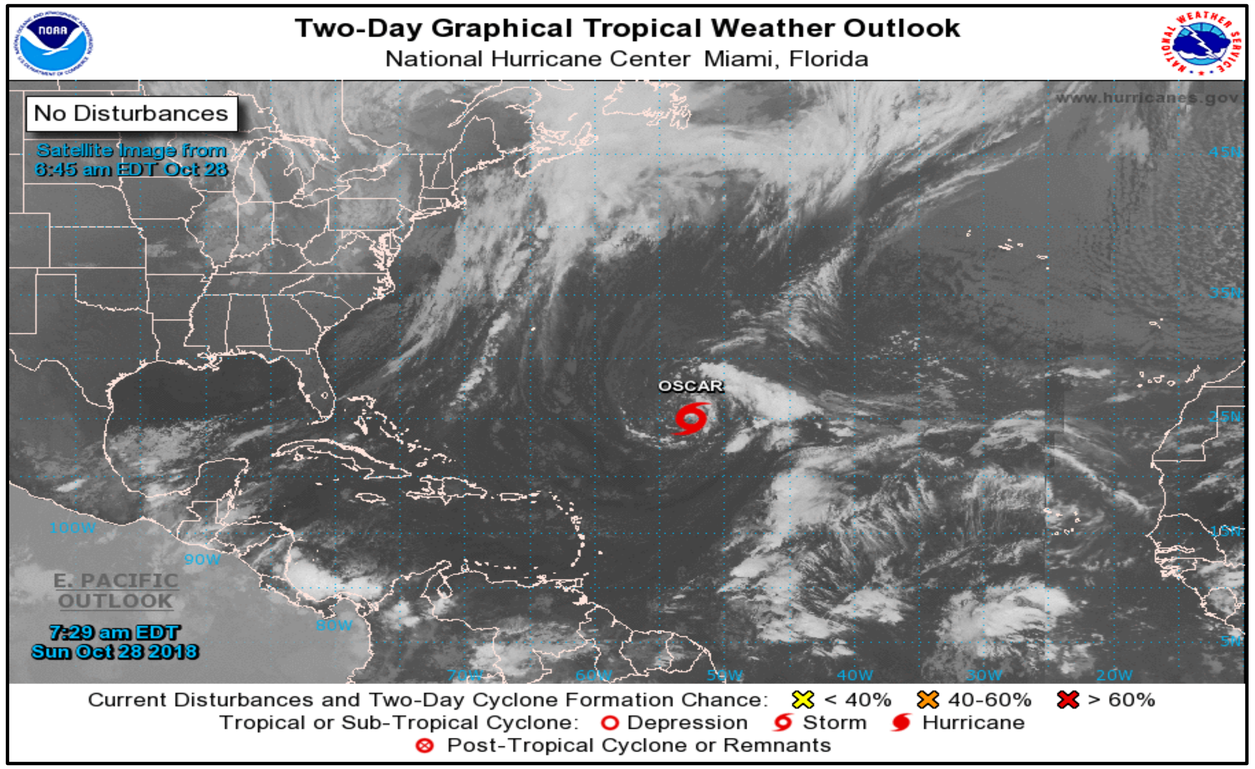

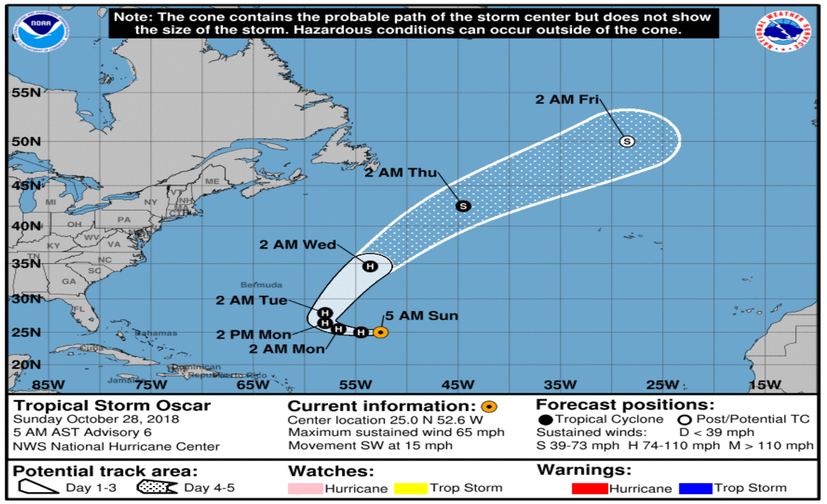

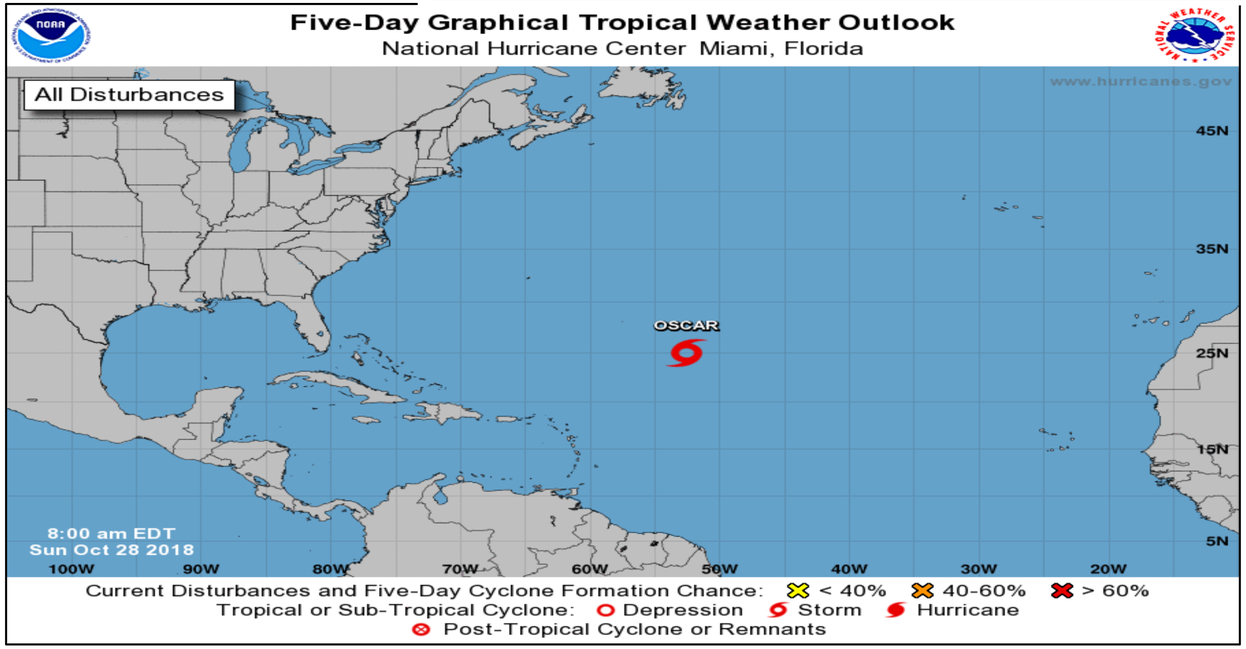

- **Subtropical Storm Oscar in the Central Atlantic will have no impacts to FEMA 6.**
- **Additional tropical cyclone formation is not expected during the next 5 days.**

5-Day Precipitation Forecast & River Flood Status

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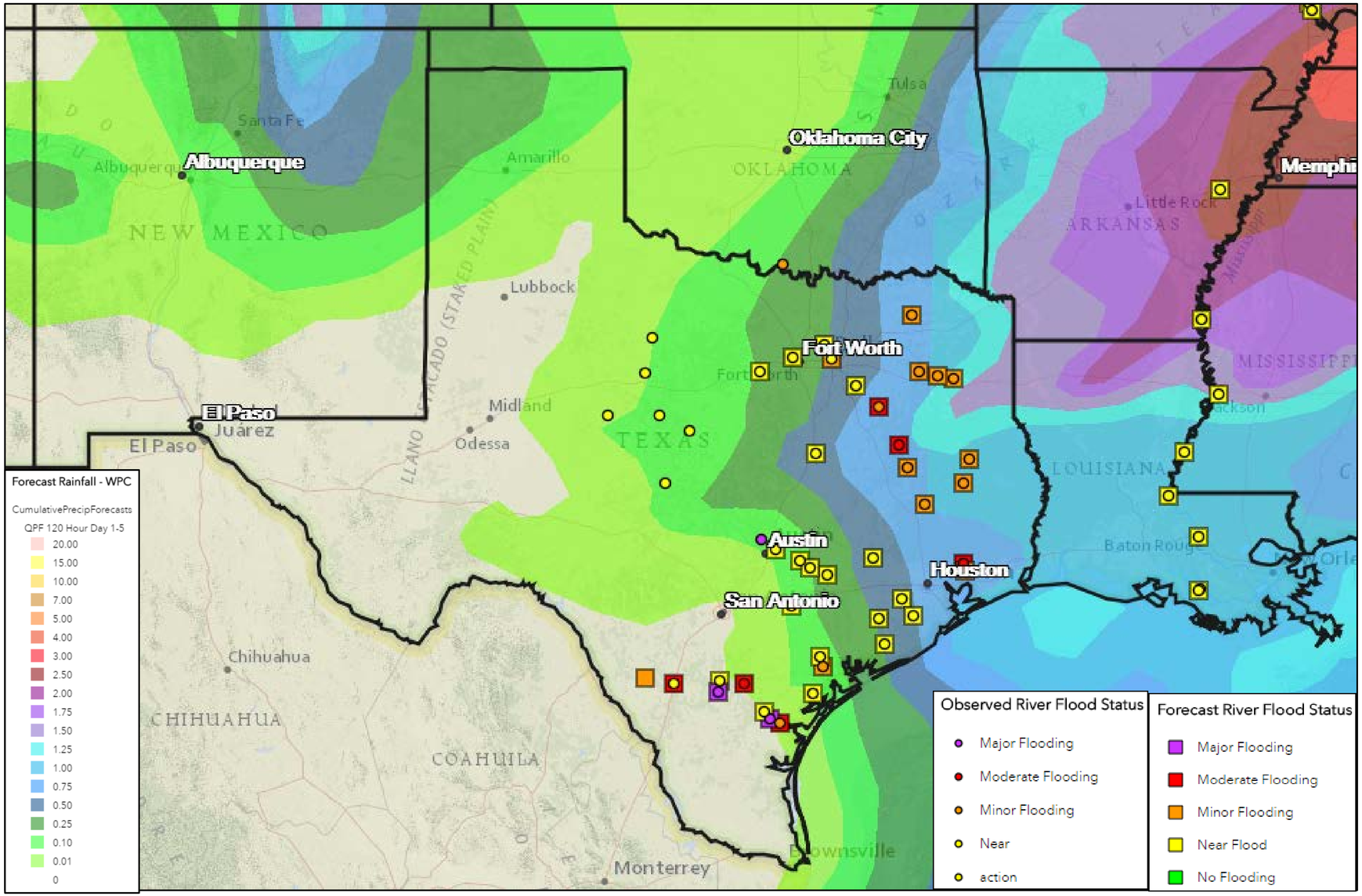
Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall



Moderate to Major River flooding is ongoing or expected across eastern and southern Texas.

- **Points along the Nueces river in S TX will continue in Major Flood at times over the next week as water moves downstream. At Tilden, a continued slow rise in major flood is expected; evacuation of livestock and a few residential properties may be required.**
- **The Trinity River at Liberty is in Moderate flood near Long Lake. Flood wave will move downstream through this weekend with impacts of agricultural flooding and several subdivisions above Liberty likely flooding.**

Today's Weather

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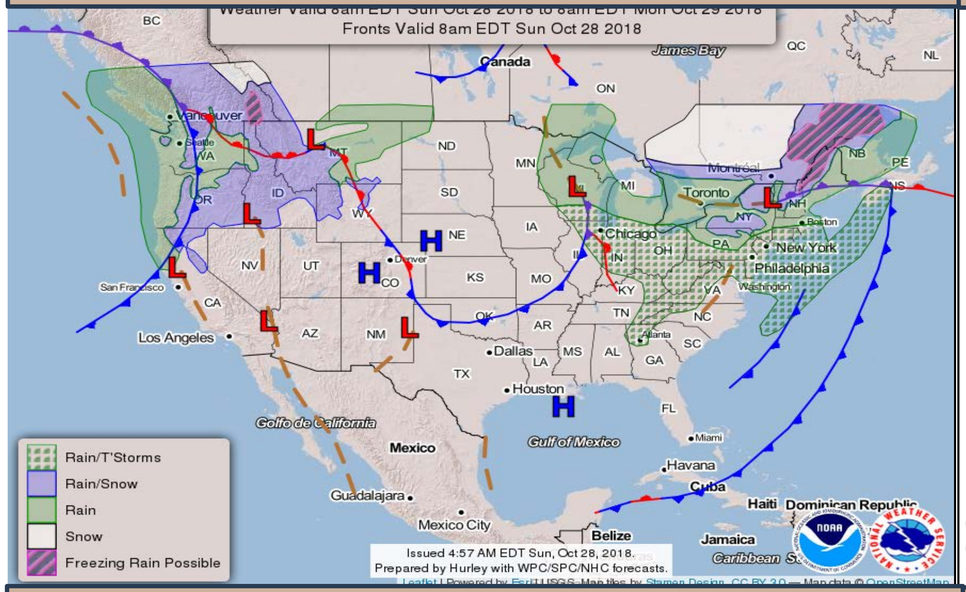
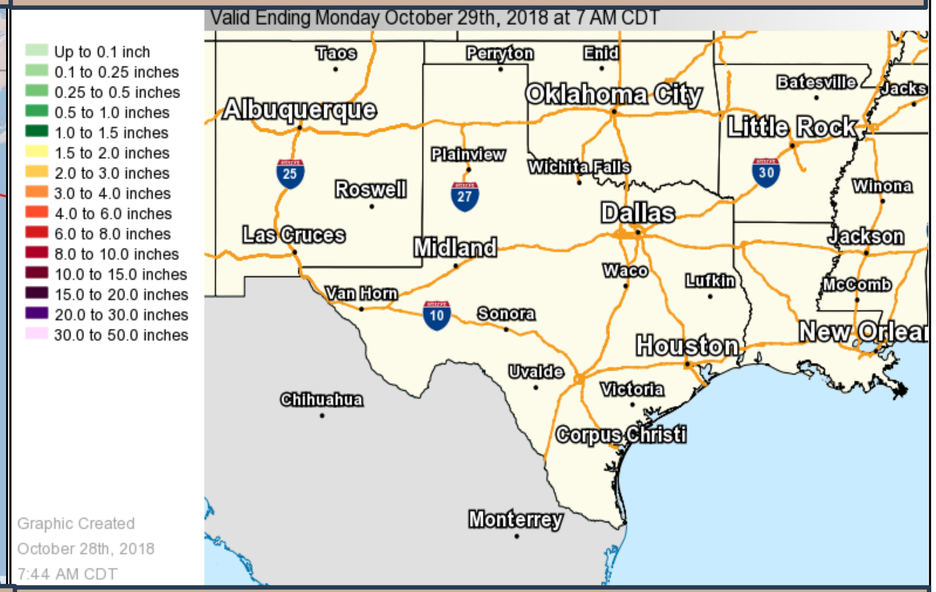
Forecast Chart



Forecast Rainfall



No Significant Weather Impacts Expected.

Severe Weather Outlook

Excessive Rainfall Outlook

www.weather.gov/srh

Tomorrow's Weather

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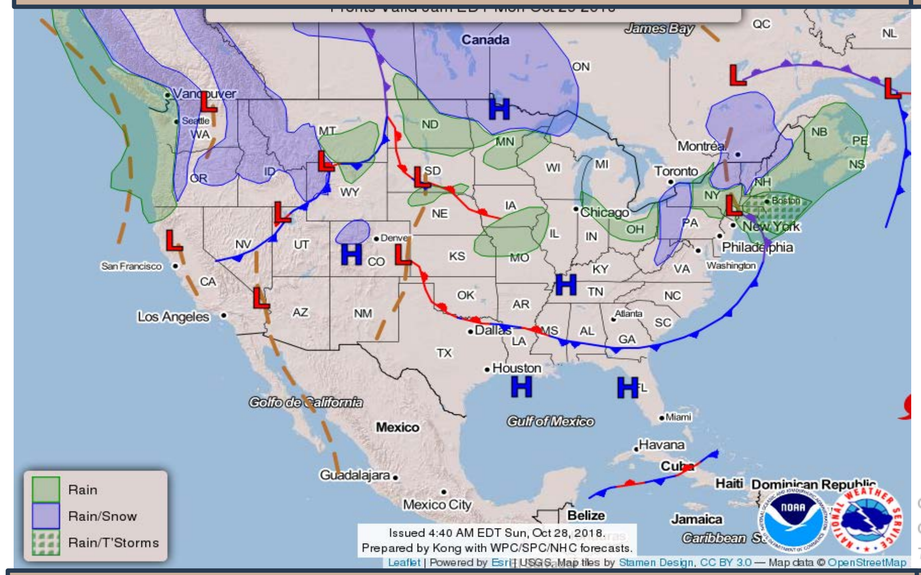
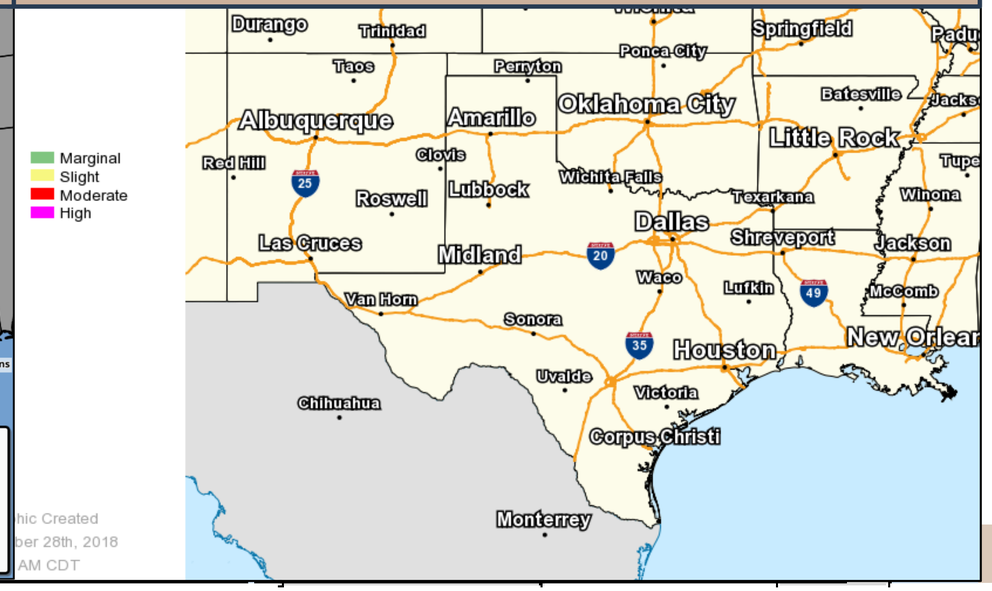
Forecast Chart



Forecast Rainfall

Severe Weather Outlook

Excessive Rainfall Outlook



No Significant Weather Impacts Expected.

Tuesday's Weather

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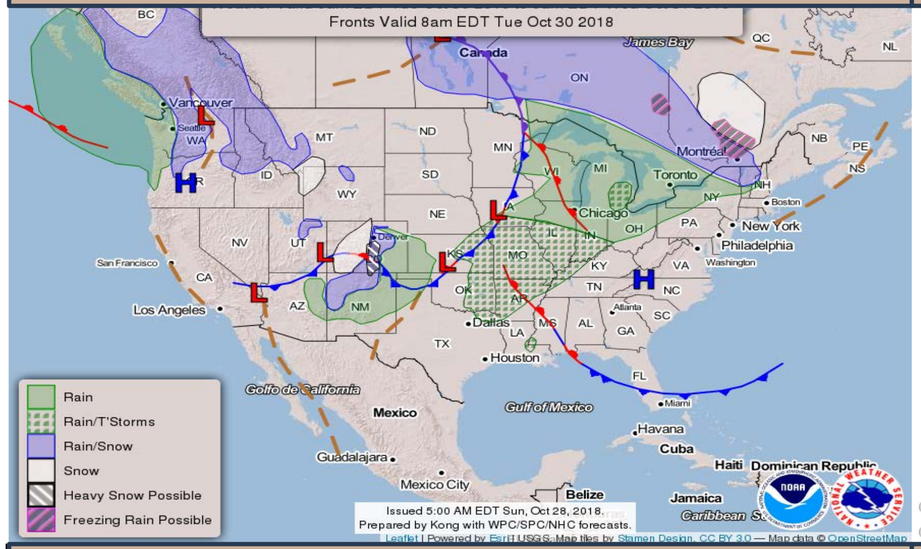
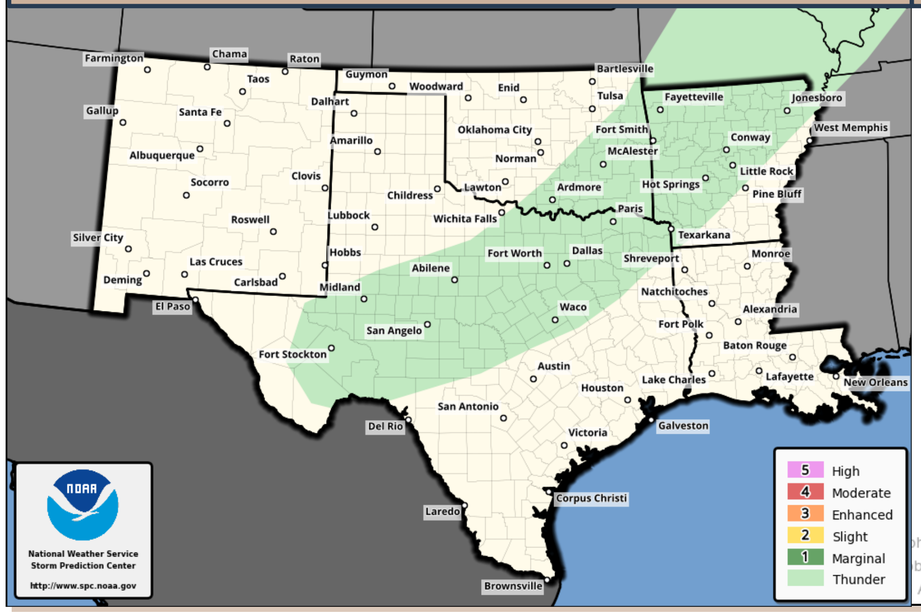
Forecast Chart



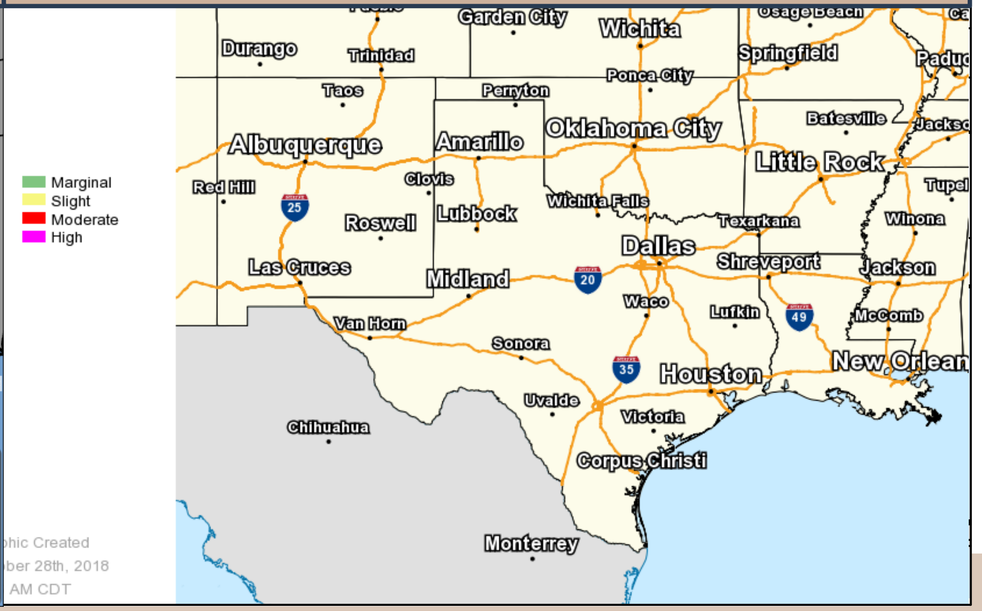
Forecast Rainfall

Isolated strong to severe storms and heavy rain/flash flooding possible across the Arklatex.

Severe Weather Outlook



Excessive Rainfall Outlook



www.weather.gov/srh

Days 4-5 Weather Hazards

Wednesday - Thursday

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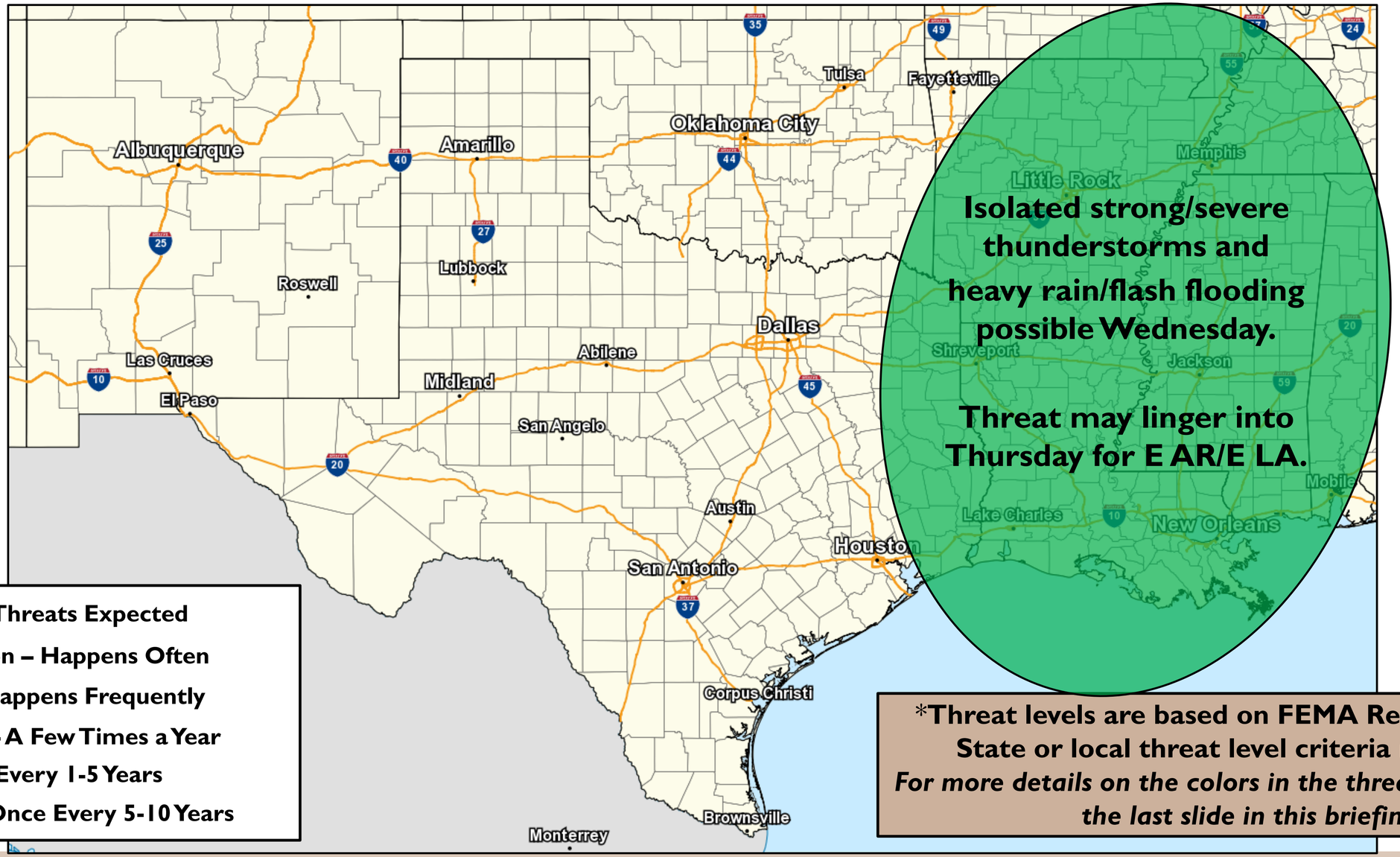

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Space Weather 3-Day Forecast

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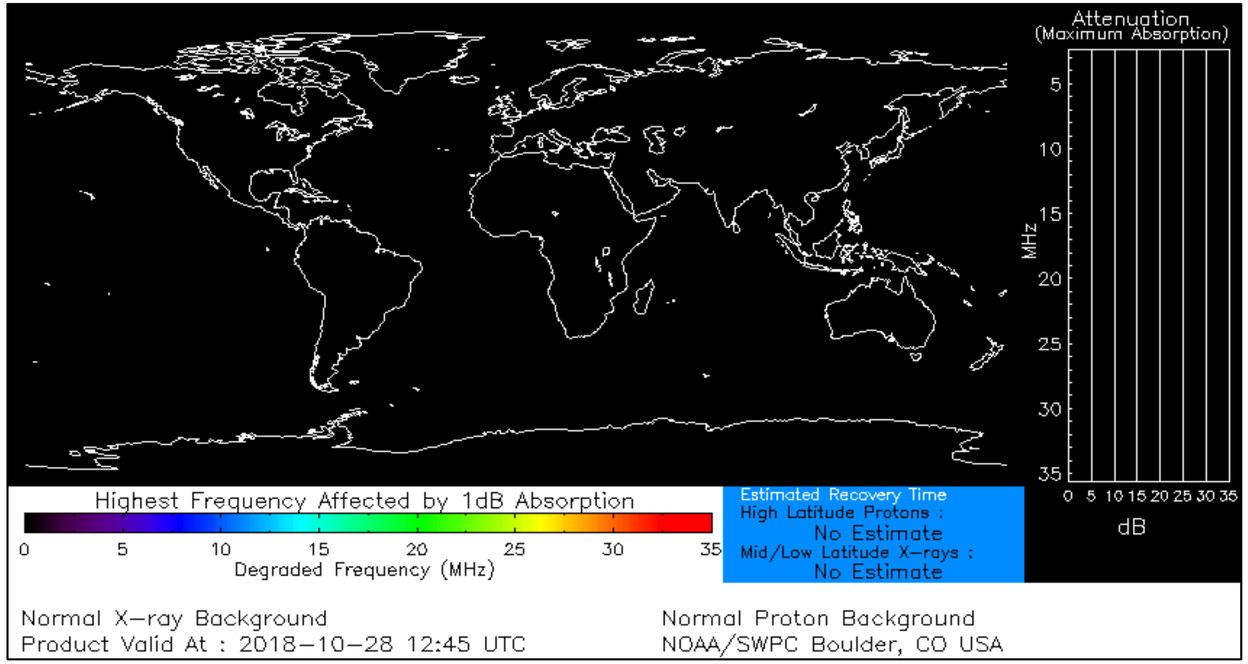
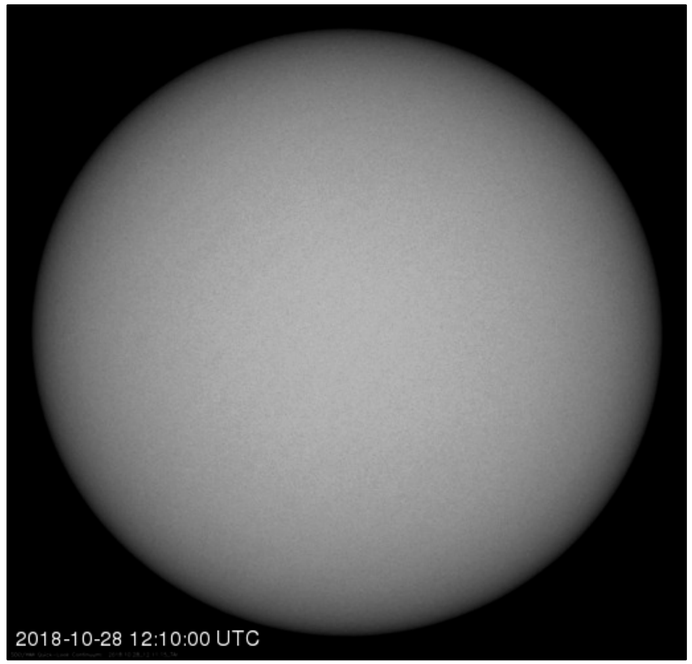
	Sunday	Monday	Tuesday
Geomagnetic Storms	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)	Unsettled to Active (Max Kp = 4)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales]

[Click here for the Latest 3-Day Space Weather Forecast Text]



For more information, please contact:

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

Phone: (682) 703-3747
E-mail: sr-srh.roc@noaa.gov
Web: http://www.weather.gov/srh

@NWS_Southern_US https://twitter.com/NWS_Southern_US

https://www.facebook.com/NWSSouthern

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

Criteria for the color codes in this briefing is to the left, please provide any feedback to sr-srh.roc@noaa.gov.