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.
• Heavy rain/isolated flash flooding possible from E NM/W TX into OK through Wednesday.

• No tropical impacts expected.
### FEMA Region 6 Threat Matrix

#### Sept 30, 2019 - Oct 4, 2019

<table>
<thead>
<tr>
<th>DAY / THREAT</th>
<th>MON</th>
<th>TUE</th>
<th>WED</th>
<th>THU</th>
<th>FRI</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Severe Storms</strong></td>
<td>E NM/W TX</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Heavy Rain / Flash Flooding</strong></td>
<td>E NM</td>
<td>E NM/W TX</td>
<td>W TX/OK</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Fire Weather</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Tropical Weather</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>River Flooding</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Legend:**
- 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

#### Areas of Possible Development

<table>
<thead>
<tr>
<th>Area</th>
<th>Chance of Development</th>
<th>Potential Impacts to FEMA 6</th>
</tr>
</thead>
<tbody>
<tr>
<td>-</td>
<td>None.</td>
<td>None.</td>
</tr>
</tbody>
</table>

#### Active Tropical Cyclones

<table>
<thead>
<tr>
<th>Storm</th>
<th>Potential Impacts to FEMA 6</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lorenzo</td>
<td>None.</td>
</tr>
</tbody>
</table>

See [http://www.hurricanes.gov](http://www.hurricanes.gov) for the latest on the tropics or any active storms.

See [www.weather.gov/srh](http://www.weather.gov/srh) for more information.
Pine Island Bayou near Sour Lake is forecast to drop below minor today.

Isolated heavy rain through Wednesday from E NM/W TX into OK.

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

http://water.weather.gov/ahps for latest river flooding
Today’s Weather

Forecast Chart

Weather Valid 8am EDT Mon Sep 30 2019 to 8am EDT Tue Oct 1 2019
Valid at 8am EDT Mon Sep 30 2019

Forecast Rainfall

Valid ending Tuesday October 1st, 2019 at 1 AM CDT

Excessive Rainfall Outlook

Heavy rain/flash flooding across E NM.

Severe Weather Outlook

Heavy rain/flash flooding across W TX.

Excessive Rainfall Outlook

Risk of rainfall exceeding flash flood guidance within 25 miles of a point
- HIGH: > 50%
- MDT: 20%-50%
- SLGT: 10%-20%
- MRGL: 5%-10%
Watches, Warnings, and Advisories

Critical Fire Weather
- Red Flag Warning
- Fire Weather Watch

Severe Weather & Flooding
- Flash Flood Watch

Strong & Gusty Winds
- Wind Advisory

Winter
- Flash Flood Watch in effect across SE NM/W TX today.
Heavy rain/flash flooding possible in E NM/W TX.

Heavy rain/isolated flash flooding possible in NM/W TX into OK.
Wednesday's Weather

**Forecast Chart**

**Forecast Rainfall**

- **Up to 0.1 inch**
- **0.1 to 0.25 inches**
- **0.25 to 0.5 inches**
- **0.5 to 1.0 inches**
- **1.0 to 1.5 inches**
- **1.5 to 2.0 inches**
- **2.0 to 3.0 inches**
- **3.0 to 4.0 inches**
- **4.0 to 6.0 inches**
- **6.0 to 8.0 inches**
- **8.0 to 10.0 inches**
- **10.0 to 15.0 inches**
- **15.0 to 20.0 inches**
- **20.0 to 30.0 inches**
- **30.0 to 50.0 inches**

**Severe Weather Outlook**

**Excessive Rainfall Outlook**

- **W TX/OK.**

Heavy rain/isolated flash flooding possible in W TX/OK.
Days 4-5 Weather Hazards

Thursday - Friday

No significant weather impacts expected.

*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.
# Space Weather 3-Day Forecast

<table>
<thead>
<tr>
<th></th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Geomagnetic Storms</strong></td>
<td>Unsettled (Max Kp = 3)</td>
<td>Unsettled (Max Kp = 3)</td>
<td>Quiet (Max Kp = 2)</td>
</tr>
<tr>
<td><strong>Solar Radiation Storm (S1-S5)</strong></td>
<td>1%</td>
<td>1%</td>
<td>1%</td>
</tr>
<tr>
<td><strong>Radio Blackout (R1-R2)</strong></td>
<td>1%</td>
<td>1%</td>
<td>1%</td>
</tr>
<tr>
<td><strong>Radio Blackout (R3-R5)</strong></td>
<td>1%</td>
<td>1%</td>
<td>1%</td>
</tr>
</tbody>
</table>

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
<table>
<thead>
<tr>
<th>Color</th>
<th>Definition</th>
<th>Criteria</th>
<th>Example(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Green</td>
<td>Very Common</td>
<td>Safety: Rarely a Direct Threat to Life and Property Impacted Potential: Typically Results in Little Inconvenience to Daily Routines</td>
<td>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</td>
</tr>
<tr>
<td>Yellow</td>
<td>Somewhat Common – Happens Frequently</td>
<td>Safety: Rarely a Direct Threat to Life and Property Impacted Potential: Typically Results in Some Inconvenience to Daily Life</td>
<td>Severe: Slight Risk from SPC Flooding: Non-severe 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 forecasts of critical fire outlook</td>
</tr>
<tr>
<td>Orange</td>
<td>Uncommon – A Few Times a Year</td>
<td>Safety: Often Threatening to Life and Property, Some Damage Avoidable Impacted Potential: Typically Results in Minor Disruption to Daily Life</td>
<td>Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flood 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</td>
</tr>
<tr>
<td>Red</td>
<td>Rare – Once every 1-5 Years</td>
<td>Safety: Extensive Property Damage Likely, Life Saving Actions Also Will be Needed Impacted Potential: Will likely result in Large Disruption to Daily Life</td>
<td>Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations), or Moderate flood expected over isolated areas 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</td>
</tr>
<tr>
<td>Purple</td>
<td>Very Rare – Once Every 5-10 Years</td>
<td>Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impacted Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life</td>
<td>Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat 5 or greater) 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, Long term (months) of severe to extreme drought</td>
</tr>
</tbody>
</table>

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