FEMA Region 6
Weather Threat Briefing
Saturday, September 21, 2019

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 rainfall/isolated flash flooding is possible across W TX and OK today. Isolated flash flooding threat will continue across OK through mid-week.

• Isolated severe storms possible over portions of OK, W TX and NW AR through Sunday. Damaging winds and large hail are the primary hazards.

• No impacts to FEMA 6 expected from Hurricane Jerry in the Atlantic. Will continue to monitor the three other disturbances in the Atlantic for possible tropical development, but no impacts are expected in the next five days.
# FEMA Region 6 Threat Matrix

**Sept 21, 2019 - Sept 25, 2019**

<table>
<thead>
<tr>
<th>DAY / THREAT</th>
<th>SAT</th>
<th>SUN</th>
<th>MON</th>
<th>TUE</th>
<th>WED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Severe Storms</td>
<td>OK/W TX/SE NM</td>
<td>OK/NW AR</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Heavy Rain / Flash Flooding</td>
<td>OK/W TX</td>
<td>NE OK</td>
<td>NM</td>
<td>OK</td>
<td>OK</td>
</tr>
<tr>
<td>Fire Weather</td>
<td>NM</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tropical Weather</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>River Flooding</td>
<td>SETX</td>
<td>SETX</td>
<td>SETX</td>
<td>SETX</td>
<td>SETX</td>
</tr>
<tr>
<td></td>
<td>SW LA</td>
<td>SW LA</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*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.

Colors:
- **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**
### 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>1</td>
<td>Medium</td>
<td>No impacts in the next 5 days.</td>
</tr>
<tr>
<td>2</td>
<td>Low</td>
<td>No impacts in the next 5 days.</td>
</tr>
<tr>
<td>3</td>
<td>High</td>
<td>No impacts in the next 5 days.</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>Jerry</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.
5-Day Precipitation Forecast & River Flood Status

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 expected to continue across portions of SE TX due to recent extreme rainfall amounts.

Neches River at Saltwater Barrier is forecast to reach major flood tonight, with widespread flooding impacting several homes and camps.

Pine Island Bayou near Sour Lake has crested in major flood and will slowly recede through the weekend. Several homes may be flooded.

The San Jacinto near Sheldon is receding and will fall to moderate flood later today.

For the latest river forecast information from West Gulf RFC, go to https://www.weather.gov/wgrfc/

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

Forecast Chart

Severe Weather Outlook

Forecast Rainfall

Excessive Rainfall Outlook

Heavy rainfall/isolated flash flooding possible across OK into W TX.

Isolated severe storms with damaging winds and large hail possible across OK, into W TX and SE NM.
Today's Fire Weather Outlook

Tomorrow's Fire Weather Outlook

- Elevated
- Critical
- Extreme
Tomorrow's Weather

Forecast Chart

Isolated severe storms possible across OK into NW AR.

Excessive Rainfall Outlook

Heavy rain and isolated flash flooding possible across NE OK.
Monday's Weather

Forecast Chart

SR ROC
REGIONAL OPERATIONS CENTER

Monday, September 23, 2019

Severe Weather Outlook

Excessive Rainfall Outlook

Isolated heavy rainfall/flash flooding possible across NM.

Input: "Isolated heavy rainfall/flash flooding possible across NM."
Days 4-5 Weather Hazards

Tuesday - Wednesday

**Isolated heavy rain/flash flooding possible**

- **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.
# Space Weather 3-Day Forecast

<table>
<thead>
<tr>
<th></th>
<th>Saturday</th>
<th>Sunday</th>
<th>Monday</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Geomagnetic Storms</strong></td>
<td>Quiet (Max Kp = 2)</td>
<td>Quiet to Unsettled (Max Kp = 3)</td>
<td>Unsettled to Active (Max Kp = 4)</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 - Safety: Rarely a Direct Threat to Life and Property. Impact 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>
<td>• Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees.  &lt;br&gt; • Something that happens almost every day in a particular season such as seabreeze storms in coastal TX.</td>
</tr>
<tr>
<td>Yellow</td>
<td>Somewhat Common – Happens Frequently. Safety: Rarely a Direct Threat to Life and Property. Impact Potential: Typically Results in Some Inconvenience to Daily Life.</td>
<td>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 outline enhanced or critical fire outlook.</td>
<td>• 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible.  &lt;br&gt; • Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and &quot;1-&quot;&quot;2&quot;&quot; hail.</td>
</tr>
<tr>
<td>Orange</td>
<td>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.</td>
<td>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.</td>
<td>• A snow/floe mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely.  &lt;br&gt; • Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail.  &lt;br&gt; • Some large fires reported, burn bans advertised, critical conditions expected.</td>
</tr>
<tr>
<td>Red</td>
<td>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.</td>
<td>Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations), or High 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>
<td>• A Category 1 hurricane will be moving towards the NW Gulf in the next few days.  &lt;br&gt; • Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail.  &lt;br&gt; • Large fires ongoing throughout the area with critical fire weather conditions expected to continue.</td>
</tr>
<tr>
<td>Purple</td>
<td>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.</td>
<td>Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat 3 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>
<td>• A Category 4 hurricane is headed towards the SE LA, major storm surge, flooding and damaging winds anticipated to begin tomorrow.  &lt;br&gt; • Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms.</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.