FEMA Region 6

Weather Threat Briefing

Saturday, September 28, 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.
Summary of the Upcoming Week

- Isolated severe thunderstorms across E NM/W TX/OK today.
- Heavy rain/isolated flash flooding possible from E NM/W TX Monday through Wednesday.
- No tropical impacts expected.
**FEMA Region 6 Threat Matrix**

**Sept 28, 2019 - Oct 2, 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>E NM/W TX/OK</td>
<td>E NM/W TX</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Heavy Rain / Flash Flooding</td>
<td></td>
<td></td>
<td>E NM/W TX</td>
<td>E NM/W TX</td>
<td>E NM/W TX/OK</td>
</tr>
<tr>
<td>Fire Weather</td>
<td></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></td>
<td></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.
<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>

<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>
## 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.

Pine Island Bayou near Sour Lake is forecast to drop below minor stage later today.

Isolated heavy rain through Mid-Week from E NM/W TX into OK.

[Map of precipitation and river flood status](http://water.weather.gov/ahps) for latest river flooding.
Today's Weather

Forecast Chart

Forecast Rainfall

Excessive Rainfall Outlook

Severe Weather Outlook

Isolated severe storms across E NM/W TX/OK.
Tomorrow’s Weather

Forecast Chart

No significant weather impacts expected.

Forecast Rainfall

Excessive Rainfall Outlook

Severe Weather Outlook

Sunday, September 29, 2019

Rainfall Outlook

29 2019
Sept 28 2019

SLGT: 10%-20%
MDT: 20%-50%
MRGL: 5%-10%
Monday's Weather

Forecast Chart

- Weather Valid from EDT Mon Sep 30 2019 to EDT Tue Oct 01 2019
- Forecast Rainfall

Excessive Rainfall Outlook
- Risk of rainfall exceeding flash flood guidance within 25 miles of a point
- HIGH: > 50%
- SLGT: 10%-20%
- MDT: 20%-50%
- MRGL: 5%-10%

Severe Weather Outlook
- Heavy rain/isolated flash flooding possible in E NM/W TX.

www.weather.gov/srh
Days 4-5 Weather Hazards

Tuesday - Wednesday

Isolated heavy rain/flash flooding possible in E NM/W TX and OK

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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>Moderate (G2) Storm (Max Kp = 6)</td>
<td>Minor (G1) Storm (Max Kp = 5)</td>
<td>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**

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**SR ROC**

REGIONAL OPERATIONS CENTER

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

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**Click here for a Description of the Space Weather Storm Scales**
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. 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>
</tr>
<tr>
<td>Yellow</td>
<td>Somewhat Common – Happens Frequently</td>
<td>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 outlooks enhanced or 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 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>
</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. 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). 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. 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 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.