FEMA Region 6
Weather Threat Briefing
Friday, June 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.
Today
  • Heavy rainfall/isolated flash flooding possible across AR, N LA & E TX. Isolated flash flooding is also possible near burn scars in NM.

Saturday - Monday
  • No significant weather impacts.

Tuesday
  • Heavy rainfall/isolated flash flooding possible across SE TX.

River Flooding
  • The MS River at Baton Rouge will continue in major flood for the next several weeks. USACE reports that the closing of the Bonnet Carre Spillway could start the 2nd or 3rd week of July.

Tropical Weather Outlook
  • Tropical cyclone formation is not expected during the next 5 days.
# FEMA Region 6 Threat Matrix

**June 28, 2019 – Jul 2, 2019**

## Threat Levels

- **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

## No Weather Threats 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.

<table>
<thead>
<tr>
<th>DAY / THREAT</th>
<th>FRI</th>
<th>SAT</th>
<th>SUN</th>
<th>MON</th>
<th>TUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Severe Storms</td>
<td>LA/S AR/E TX</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Heavy Rain / Flash Flooding</td>
<td>AR</td>
<td></td>
<td></td>
<td></td>
<td>SETX</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>MS River</td>
<td>MS River</td>
<td>MS River</td>
<td>MS River</td>
<td>MS River</td>
</tr>
</tbody>
</table>

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[www.weather.gov/srh](http://www.weather.gov/srh)
Tropical cyclone activity is not expected during the next 5 days.
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.

Latest on the MS River:

- Flows along the Lower Mississippi remain in minor to moderate flood (with major at Baton Rouge for several more weeks).

- Osceola (AR): Slowly rising and forecast to stay just under major flood stage through next week. Mostly roads and pastures inundated. A few homes possibly flooded.

- The flood waters from the Ohio River Valley will likely have a minimal impact on the Lower MS River. Slight rises are expected at locations just downstream of the confluence, and slowed recessions are possible further downstream.

- USACE reports that the closing of the Bonnet Carre spillway could start the 2nd or 3rd week of July.

http://water.weather.gov/ahps for latest river flooding
Heavy rainfall/isolated flash flooding possible across E AR & N LA.

Isolated strong to severe thunderstorms with damaging winds possible across LA, S AR & E TX.

Isolated flash flooding is possible near burn scars in NM.
Tomorrow’s Weather

**Forecast Chart**

- **Severe Weather Outlook**
  - Saturday, June 29, 2019

- **Excessive Rainfall Outlook**
  - No significant weather impacts expected.

**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

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[Map and graphics related to weather forecasts and outlooks]

www.weather.gov/srh
Sunday’s Weather

Forecast Chart

Forecast Rainfall

Severe Weather Outlook

Excessive Rainfall Outlook

No significant weather impacts.
Days 4-5 Weather Hazards

Monday - Tuesday

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

Heavy rainfall/isolated flash flooding possible

*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.
## Drought Monitor (Released June 27, 2019)

Data valid as of 7am EST, Tuesday, June 25, 2019

### Drought Monitor

- **Intensity:**
  - D0 Abnormally Dry
  - D1 Moderate Drought
  - D2 Severe Drought
  - D3 Extreme Drought
  - D4 Exceptional Drought

### Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

<table>
<thead>
<tr>
<th>State</th>
<th>Current</th>
<th>Last Week</th>
<th>3 Months Ago</th>
<th>1 Year Ago</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arkansas</td>
<td>0.00%</td>
<td>0.00%</td>
<td>0.00%</td>
<td>0.00%</td>
</tr>
<tr>
<td>Louisiana</td>
<td>0.00%</td>
<td>0.00%</td>
<td>0.00%</td>
<td>0.00%</td>
</tr>
<tr>
<td>New Mexico</td>
<td>0.00%</td>
<td>0.00%</td>
<td>0.00%</td>
<td>57.73%</td>
</tr>
<tr>
<td>Oklahoma</td>
<td>0.00%</td>
<td>0.00%</td>
<td>0.00%</td>
<td>11.75%</td>
</tr>
<tr>
<td>Texas</td>
<td>0.00%</td>
<td>0.00%</td>
<td>0.00%</td>
<td>5.07%</td>
</tr>
</tbody>
</table>

### One Week Change in Drought

- 5 Class Degradation
- 4 Class Degradation
- 3 Class Degradation
- 2 Class Degradation
- 1 Class Degradation
- No Change
- 1 Class Improvement
- 2 Class Improvement
- 3 Class Improvement
- 4 Class Improvement
- 5 Class Improvement
## Space Weather 3-Day Forecast

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

@NWS_Southern_US  https://twitter.com/NWS_Southern_US
https://www.facebook.com/NWSSouthern
### Weather “Threat” Matrix

<table>
<thead>
<tr>
<th>Color</th>
<th>Definition</th>
<th>Criteria</th>
<th>Example(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Green</strong></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><strong>Yellow</strong></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: Nuance flooding 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</td>
</tr>
<tr>
<td><strong>Orange</strong></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><strong>Red</strong></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><strong>Purple</strong></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.