FEMA Region 6
Weather Threat Briefing

Sunday, February 17, 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

Today
• Elevated fire weather conditions for S NM into W TX

Monday - Tuesday
• Widespread moderate to heavy accumulating snow/blowing snow with travel impacts across much of northern NM, including the I-25 corridor
• Light snow possible for portions of the TX/OK Panhandles on Monday with light snow/freezing rain spreading into OK, NW/west-central TX, and N AR by Tuesday
• Heavy rain/flash flooding possible for E AR into NE LA Tuesday
• Isolated severe storms possible for LA into extreme SE AR Tuesday night

Wednesday - Thursday
• No significant weather impacts

River Flooding
• Moderate flooding continues along the MS River in AR. Osceola (NE AR) expected to reach major flood by Wednesday.
  • Some evacuations may be needed once it reaches major flood.
• Cache and White Rivers in NE AR at moderate flood stage, most points are receding.
  • Cache River at Patterson is expected to slightly rise again and reach major flood stage by late week, with some state highways flooding.
# FEMA Region 6 Threat Matrix

**Feb 17, 2019 – Feb 21, 2019**

<table>
<thead>
<tr>
<th>DAY / THREAT</th>
<th>SUN</th>
<th>MON</th>
<th>TUE</th>
<th>WED</th>
<th>THU</th>
</tr>
</thead>
<tbody>
<tr>
<td>Severe Storms</td>
<td></td>
<td></td>
<td>LA/SE AR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Heavy Rain / Flash Flooding</td>
<td></td>
<td></td>
<td>E AR/NE LA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Winter Weather</td>
<td>N NM TX/OK Panhandles</td>
<td>N NM OK, TX Panhandle, NW&amp;W-Central TX/ N AR</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fire Weather</td>
<td>S NM/W TX</td>
<td>S NM/W TX</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>River Flooding</td>
<td>NE AR</td>
<td>NE AR</td>
<td>NE AR</td>
<td>NE AR</td>
<td>NE AR</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.

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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
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 flooding continues along the MS River in AR. Osceola (NE AR) expected to reach major flood by Wednesday. Some evacuations may be needed once it reaches major flood.

Cache and White Rivers in NE AR at moderate flood stage, most points are receding. Cache River at Patterson is expected to slightly rise again and reach major flood stage by late week, with some state highways flooding.

See http://water.weather.gov/ahps for the latest on river flooding
Elevated fire weather conditions for S NM into W TX.
Elevated fire weather conditions for S NM into W TX.
Widespread moderate to heavy accumulating snow/blowing snow with travel impacts across much of northern NM, including the I-25 corridor.

Light snow with travel impacts possible for portions of the TX/OK Panhandles.
Elevated fire weather conditions for S NM into W TX.
Wintry weather with travel impacts for N NM, the TX/OK Panhandles into portions of OK, NW and west-central TX, and N AR.

Heavy rain/flash flooding possible for E AR into NE LA.

Isolated severe storms capable of damaging wind gusts and perhaps a tornado or two will be possible Tuesday night in LA into extreme SEAR.
Days 4-5 Weather Hazards

Wednesday – Thursday

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.
<table>
<thead>
<tr>
<th></th>
<th>Sunday</th>
<th>Monday</th>
<th>Tuesday</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Geomagnetic Storms</strong></td>
<td>Quiet (Max Kp = 2)</td>
<td>Quiet (Max Kp = 2)</td>
<td>Unsettled to Active (Max Kp = 4)</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
<table>
<thead>
<tr>
<th>Color</th>
<th>Definition</th>
<th>Criteria</th>
<th>Example(s)</th>
</tr>
</thead>
</table>
| 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 outlooks 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/delay 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 (Cat 5 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 |