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
- Winter weather/local travel impacts possible across NE OK
- Elevated/critical fire weather conditions across E NM/W TX

Saturday
- Elevated/critical fire weather conditions possible across SE NM/W TX into the TX/OK Panhandles

Sunday - Tuesday
- No significant weather impacts expected.

River Flooding
- Moderate flooding continues along the MS River in AR.
  • Osceola (NE AR) expected to reach major flood next week. Impacts now are to secondary roads, some evacuations may be needed once it reaches major flood.
- Cache and White Rivers in AR at moderate flood stage
  • Patterson along the Cache River expected to reach major flood stage Friday, with some state highways flooding.
### FEMA Region 6 Threat Matrix

**Feb 15, 2019 – Feb 19, 2019**

<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></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Heavy Rain / Flash Flooding</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Winter Weather</td>
<td>NE OK</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fire Weather</td>
<td>E NM W TX</td>
<td>SE NM/W TX TX Panhandle</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.
5-Day Precipitation Forecast & River Flood Status

The MS River in NE AR remains at moderate/major flood stage. Impacts: flooded secondary roads. Flooding of the pumphouse area of the power plant near Osceola.

Moderate flooding on the Black, Cache, Little Red, and St. Francis Rivers in NE AR. Cache River at Patterson will reach major flood stage next week. Impacts: flooding of roads, including some state highways.

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

See [http://water.weather.gov/ahps](http://water.weather.gov/ahps) for the latest on river flooding.
Today's Weather

Forecast Chart

Forecast Rainfall

Winter weather/isolated travel impact across NE OK.

Elevated/critical fire weather conditions across E NM/W TX.

Severe Weather Outlook

Excessive Rainfall Outlook

Friday, February 15, 2019
Today’s Fire Weather Outlook

Elevated fire weather conditions for E NM/W TX
Tomorrow’s Weather

Forecast Chart

Forecast Rainfall

Severe Weather Outlook

Saturday, February 16, 2019

Excessive Rainfall Outlook

Elevated/critical fire weather conditions across SE NM/W TX into the TX/OK Panhandles
Elevated/critical fire weather conditions for E NM/W TX into the TX/OK Panhandles
No significant weather hazards expected.
Days 4-5 Weather Hazards

Monday – Tuesday

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.
Drought Monitor (Released February 14, 2019)

Data valid as of 7am EST, Tuesday, February 12, 2019

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>2.37%</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>Oklahoma</td>
<td>0.00%</td>
<td>0.00%</td>
<td>0.00%</td>
<td>37.80%</td>
</tr>
<tr>
<td>Texas</td>
<td>0.00%</td>
<td>0.00%</td>
<td>0.00%</td>
<td>13.07%</td>
</tr>
<tr>
<td>New Mexico</td>
<td>14.98%</td>
<td>14.98%</td>
<td>22.08%</td>
<td>3.96%</td>
</tr>
</tbody>
</table>
# Space Weather 3-Day Forecast

<table>
<thead>
<tr>
<th></th>
<th>Friday</th>
<th>Saturday</th>
<th>Sunday</th>
</tr>
</thead>
<tbody>
<tr>
<td>Geomagnetic Storms</td>
<td>Quiet (Max Kp = 2)</td>
<td>Quiet (Max Kp = 2)</td>
<td>Quiet (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>

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**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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**2/15/2019 7:22 AM**

www.weather.gov/srh
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
### Weather “Threat” Matrix

<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 | • 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 seacorse storms in coastal TX |
|         |                                                                           | 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 |                                                                                  |
| Yellow  | Somewhat Common – Happens Frequently                                       | Safety: Rarely a Direct Threat to Life and Property
Impact Potential: Typically Results in Some Inconvenience to Daily Life | • 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 |
|         |                                                                           | 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 |                                                                                  |
| 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 | • A snow/sleet 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 |
|         |                                                                           | 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 |                                                                                  |
| 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 | • 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 |
|         |                                                                           | 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 |                                                                                  |
| 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 | • 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 |
|         |                                                                           | Severe: High Risk from SPC
Flooding: Major flooding expected over a widespread area (including urban locations)
Tropical: A Major Hurricane (cat5 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 |                                                                                  |