Significant Activity – August 11-14

**Significant Events:** No significant activity

**Tropical Activity:**
- Atlantic – Tropical Storm Gert; Disturbance 1 – Low (20%)
- Eastern Pacific – Post-Tropical Cyclone Jova (Final); Disturbance 1 – Low (10%); Disturbance 2 – Low (near 0%)
- Central Pacific – No tropical cyclones expected next 48 hours
- Western Pacific – No activity affecting U.S. interests

**Significant Weather:**
- Severe Thunderstorms – Central Plains
- Flash flooding – Southern Plains to Ohio/Tennessee Valley
- Space weather:
  - Past 24 hours: None observed
  - Next 24 hours: None predicted

**Earthquake Activity:** No significant activity

**Declaration Activity:** None
Flooding – New Orleans - *FINAL*

**Situation**  
Portions of New Orleans experienced heavy rain on August 5, 2017; coupled with earlier rain, exceeded New Orleans Drainage pumping capacity resulting in flooding of low lying areas. Three of five turbines providing power were offline during the event; a fourth lost power during the event, leaving one turbine powering the system. Two of five turbines are operational with a third scheduled to come back on line August 24, 2017; currently 103 of 120 pumps are operational. Estimated restoration to full power capability is mid-September.

**Impacts**  
- Drinking water and sewage services are not affected  
- Current estimates of pumping capability are one half inch per hour (normal pumping capacity is about one inch first hour and one half inch per hour after)

**State / Local Response**  
- Governor and Mayor declared a State of Emergency  
- New Orleans contracted 14 two Megawatt generators; additional smaller generators are also being procured; 22 of 26 requested generators received, installed, remainder en route from Miami anticipated today  
- USACE Prime Power assisting with generator installation  
- LA EOC returned to Normal Operations

**FEMA Response**  
- Region VI remains at Steady State; LNO identified  
- No requests for FEMA assistance at this time
Solar Eclipse – August 21

Situation
• A solar eclipse occurs when the moon passes between the sun and Earth and blocks all or part of the sun
• First total eclipse in the continental U.S. in 38 years; first to sweep across the entire country since 1918
• The 70 mile wide path of totality will cross 14 states from Salem, OR (1:16 pm EDT) to Charleston, SC (2:48 pm EDT)
• Observers outside this path will still see a partial solar eclipse
• The only safe way to view is through solar filters or solar viewers

Potential Impacts
• More than 200 million people within a day’s drive of the path of totality including special interest and professional groups; population surge expected
• Possible water & fuel shortages due to influx of travelers in some locations

Response
• NWC/NRCC at steady state
• Region VII, VIII and X will be at Enhanced Watch

Tropical Outlook – Atlantic

48 Hour Outlook

5 Day Outlook
Tropical Storm Gert (Advisory #6 as of 5:00 a.m. EDT)

- Located about 475 miles WSW of Bermuda
- Moving toward the NNW at 9 mph
- Maximum sustained winds 45 mph
- Gert is expected to pass about midway between the east coast and Bermuda tomorrow
- Some strengthening forecast during the next 48 hours; could be a hurricane by Wednesday
- Tropical storm force winds extend out up to 90 miles

Disturbance 1 (Invest 91L) (as of 8:00 p.m. EDT)

- Disturbed weather SW of Cabo Verde Islands
- Moving west a 15 mph
- Conditions are forecast to be conducive for development later this week
- Formation chance through 48 hours: Low (20%)
- Formation chance through 5 days: Medium (60%)
Tropical Outlook – Eastern Pacific

Post-Tropical Cyclone Jova (Final) (Advisory #9 as of 11:00 p.m. EDT, August 13)

- Located about 650 miles WSW of the southern tip of Baja California, Mexico; moving toward the W near 14 mph
- Maximum sustained winds 30 mph
- Slow weakening to continue over next few days
- Last Advisory issued by the NHC – Jova is a remnant low

Disturbance 1 (as of 8:00 a.m. EDT)

- Located a few hundred miles SW of Baja California, Mexico
- Conditions forecast to be marginally conducive for a tropical depression to form late this week
- Formation chance through 48 hours: Low (10%)
- Formation chance through 5 days: Medium (40%)

Disturbance 2 (as of 8:00 a.m. EDT)

- Located several hundred miles SSW of Acapulco, Mexico
- Moving WNW; marginally conducive;
- Formation chance through 48 hours: Low (near 0%)
- Formation chance through 5 days: Low (30%)
Tropical Outlook – Central Pacific

48 Hour Outlook

5 Day Outlook
Precipitation Forecast

Days 1-3
6-10 Day Outlooks

6-10 Day Temperature Probability

6-10 Day Precipitation Probability
## Space Weather

<table>
<thead>
<tr>
<th></th>
<th>Space Weather Activity</th>
<th>Geomagnetic Storms</th>
<th>Solar Radiation</th>
<th>Radio Blackouts</th>
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<tbody>
<tr>
<td>Past 24 Hours</td>
<td>None</td>
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<td>None</td>
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<tr>
<td>Next 24 Hours</td>
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For further information on NOAA Space Weather Scales refer to [http://www.swpc.noaa.gov/noaa-scales-explanation](http://www.swpc.noaa.gov/noaa-scales-explanation)

### HF Communication Impact

- [Map of HF Communication Impact](#)

### Sunspot Activity

- [Sunspot Image](#)
<table>
<thead>
<tr>
<th>Region</th>
<th>State / Location</th>
<th>Event</th>
<th>IA/PA</th>
<th>Number of Counties</th>
<th>Start – End</th>
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<td></td>
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<td>Requested</td>
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<tr>
<td>II</td>
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<td>IA</td>
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<td></td>
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<tr>
<td>V</td>
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<tr>
<td>VI</td>
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<td>Tornadoes, Straight-line Winds</td>
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<td>1</td>
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<tr>
<td></td>
<td></td>
<td>and Severe Storms</td>
<td>PA</td>
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<td>0</td>
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<tr>
<td></td>
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<td>August 6, 2017</td>
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## Disaster Requests & Declarations

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<tr>
<th>Declaration Requests in Process</th>
<th>Requests APPROVED (since last report)</th>
<th>Requests DENIED (since last report)</th>
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<td>6</td>
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<td>NY – DR ( Expedited) DR Flooding</td>
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<td>ID – DR Flooding and Landslides</td>
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<td>VT – DR Severe Storms and Flooding</td>
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<td>ND – DR Drought</td>
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<tr>
<td>IA – DR Severe Storms, Tornadoes, Straight-Line Winds, and Flooding</td>
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</table>
Readiness – Deployable Teams and Assets

**National IMATs***

**East 1:** Charlie
- Assigned: 13
- Available: 5
- Deployed: 8
- **Total Workforce** 10,535
- **Available** 5,948 (56%)
- **Deployed** 3,175
- **Other** 1,412

- **B-2** Status: Assemble ≤ 2-hrs, On Site ≤ 18-hrs

**East 2:** B-48
- Assigned: 28
- Available: 28
- Deployed: 0

**West:** B-2
- Assigned: 36
- Available: 35
- Deployed: 1
- **Total Workforce** 10,535
- **Available** 5,948 (56%)
- **Deployed** 3,175
- **Other** 1,412

**Regional IMATs (4-6 Teams)**

**Assigned:**
- Charlie: 13
- B-48: 28
- B-2: 36
- B-48: 36
- B-2: 36

**Available:**
- Charlie: 5
- B-48: 28
- B-2: 35
- B-48: 10
- B-2: 3

**Deployed:**
- Charlie: 8
- B-48: 0
- B-2: 1

**US&R**
- Assigned: 28
- Available: 28
- Deployed: 0

**MERS**
- Assigned: 36
- Available: 35
- NMC: 0
- Deployed: 1

**FCO** (≤1 Type I)
- Assigned: 36
- Available: 10
- PMC / NMC: 3
- Deployed: 23

**FDRC**
- Assigned: 11
- Available: 4
- PMC / NMC: 2
- Deployed: 5

**US&R**
- Assigned: 28
- Available: 28
- Deployed: 0

**MERS**
- Assigned: 36
- Available: 35
- NMC: 0
- Deployed: 1

**FCO** (≤1 Type I)
- Assigned: 36
- Available: 10
- PMC / NMC: 3
- Deployed: 23

**FDRC**
- Assigned: 11
- Available: 4
- PMC / NMC: 2
- Deployed: 5

**Cadres with less than 25% availability**

- **Total Workforce** 10,535
- **Available** 5,948 (56%)
- **Deployed** 3,175
- **Other** 1,412

**Public Assistance – NEW 24% (921/1,427)**

**Resource**

- **American Indian/Alaska Native (AI/AN) Federal Cadres**
- **Assigned:** 9
- **Available:** 7
- **Deployed:** 2

**Other Cadres with less than 25% availability**

- **Total Workforce** 10,535
- **Available** 5,948 (56%)
- **Deployed** 3,175
- **Other** 1,412

**Deployed Teams (Location)**

*As of 3:30 p.m. EDT August 14, 2017

* B-2 Status: Assemble ≤ 2-hrs, On Site ≤ 18-hrs
* B-48 Status: Assemble and deploy ≤ 48hrs
* Charlie Status: No team assemble time requirement
## FEMA Readiness – Activation Teams

<table>
<thead>
<tr>
<th>Resource</th>
<th>Status</th>
<th>Total</th>
<th>Status</th>
<th>Activated Team</th>
<th>Activation Level</th>
<th>Activation Times</th>
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<tbody>
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<td>NWC</td>
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<td>5</td>
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<tr>
<td>RRCCs</td>
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<td></td>
<td></td>
</tr>
</tbody>
</table>

**Back-up Regions (August 14–20): III, VI and II**
FEMA’s mission is to support our citizens and first responders to ensure that as a nation we work together to build, sustain, and improve our capability to prepare for, protect against, respond to, recover from, and mitigate all hazards.