Significant Activity – May 4-5

Significant Events:
• Flooding – Southern/Central Plains

Significant Weather:
• Flash flooding possible – Mid-Atlantic through the NE
• Space Weather:
  o Past 24 hours: None observed
  o Next 24 hours: None predicted

Tropical Activity: No activity threatening U.S. interests

Earthquake Activity: No significant activity

Declaration Activity: None
Flooding – Southern/Central Plains

Current Situation
A storm system brought a widespread band of 2-4 inches of rain across southern Kansas and northern Oklahoma through the western Ohio Valley during the past two days.

Impacts
- FEMA Region V - Illinois
  o Shelters: 2 (+1) shelter open with 7 (-1) occupants*; localized evacuations in portions of Madison, Williamson, and Franklin counties
  o Evacuations: Localized in Madison, Franklin & Williamson Counties Illinois (approx. 100 homes)
  o Extensive state & local road closures in southern Illinois; I-255 southbound closed at E. St. Louis
- FEMA Region VI - Arkansas
  o Shelters: 5 (-1) shelters open with 67 (-18) occupants*
  o Evacuations: Mandatory in Pocahontas, Arkansas due to levee failure; Voluntary/Mandatory in Clay & Randolph Counties
  o Infrastructure: 9 levee breaches have been identified in Randolph County, Arkansas – three of which have been categorized as major
- FEMA Region VII - Missouri
  o Shelters: 8 (-3) shelters open with 67 (-37) occupants*
  o Evacuations: Lifted in Valley Park, Missouri; Voluntary evacuations for West Alton, Missouri due to concerns of levee overtopping of the Missouri River at intersection with Mississippi River
  o Infrastructure: Westbound I-44 has re-opened; I-55 at Arnold has re-opened
  o Amtrak train service suspended between Kansas City and St. Louis; bus bridge in place; service projected to be restored by May 6
  o USCG closed portion of waterway near St. Louis, expected to remain closed for 5 days; Kaskaskia Lock remains closed due to high water

*ESF-06 as of 6:45 am EDT, May 5, 2017
Flooding – Southern/Central Plains

Response

- FEMA Region V
  - RWC at Enhanced Watch
  - IMAT deployed to IL EOC
  - IL EOC at Partial Activation

- FEMA Region VI
  - RWC at Enhanced Watch (day shift only)
  - LNO deployed to AR EOC
  - AR EOC at Partial Activation; will decrease to Monitoring Friday night through the weekend; Governor declared state of emergency
  - AR State Guard deployed security and water rescue assets to Clay, Randolph, and Lawrence counties

- FEMA Region VII
  - RRCC at Level III (day shift only); RWC at Steady State
  - LNO deployed to MO EOC
  - MO EOC at Full Activation; Governor declared state of emergency

- FEMA HQ/Federal
  - NWC at Steady State
  - USACE deployed 123 personnel to assist with Midwest flood fight activities
    - Flood fight teams deployed along Lower Missouri River supporting levee district owners/operators
    - Conducting 24 hour monitoring at Lake Wappapello, MO due to high water and spillway operations
  - USCG personnel deployed to Eureka for SAR support; personnel also deployed to MO state and local EOCs
National Weather Forecast

Today

Tomorrow
Precipitation Forecast – Days 1-3

Day 1
Day 2
Day 3
River Flood Forecasts

*Record observed: secondary crest by late weekend; numerous homes/businesses at risk

At 26 ft. the Dively and Vandalia levees begin to be overtopped; numerous homes flood

*Record observed: eastern levee failed, resulting in a quicker crest; mandatory evacuations

*Near record forecast; several homes and businesses in S. Cape Girardeau County flood
# Space Weather

<table>
<thead>
<tr>
<th></th>
<th>Space Weather Activity</th>
<th>Geomagnetic Storms</th>
<th>Solar Radiation</th>
<th>Radio Blackouts</th>
</tr>
</thead>
<tbody>
<tr>
<td>Past 24 Hours</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Next 24 Hours</td>
<td>None</td>
<td>None</td>
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</table>

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

![HF Communication Impact Diagram](image)

## Sunspot Activity

![Sunspot Activity Diagram](image)
## Joint Preliminary Damage Assessments

<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>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>IA/PA Requested</td>
<td>IA/PA Completed</td>
<td></td>
</tr>
<tr>
<td>II</td>
<td>New York</td>
<td>Winter Storm Event March 13-15, 2017</td>
<td>IA</td>
<td>0</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>PA</td>
<td>30</td>
<td>15</td>
</tr>
<tr>
<td>VI</td>
<td>Texas</td>
<td>Severe Storms, Flooding, and Tornadoes April 29, 2017 and continuing</td>
<td>IA</td>
<td>3</td>
<td>3</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>PA</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>VI</td>
<td>Oklahoma</td>
<td>Severe Storms, Straight-line Winds and Flooding April 29, 2017 and continuing</td>
<td>IA</td>
<td>5</td>
<td>0</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>PA</td>
<td>31</td>
<td>0</td>
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</table>
## Disaster Requests & Declarations

<table>
<thead>
<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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<tbody>
<tr>
<td>4</td>
<td>Date Requested</td>
<td></td>
</tr>
<tr>
<td>OR – DR Severe Winter Storms, Flooding, Landslides, and Mudslides</td>
<td>March 9, 2017</td>
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<tr>
<td>ND – DR Civil Unrest</td>
<td>April 29, 2017</td>
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<tr>
<td>ID – Flooding, Landslides, and Mudslides</td>
<td>May 2, 2017</td>
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<tr>
<td>PA – DR Snowstorm</td>
<td>May 2, 2017</td>
<td>0</td>
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</tbody>
</table>
Readiness – Deployable Teams and Assets

### National IMATs*
- **East 1:** B-48
- **East 2:** Charlie
- **West:** B-2

### Regional IMATs
- **Assigned:** 13
- **Available:** 7
- **PMC / NMC:** 0
- **Deployed:** 6

### US&R
- **Assigned:** 28
- **Available:** 26
- **PMC / NMC:** 2
- **Deployed:** 0

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

### FCO
- **Assigned:** 36
- **Available:** 14
- **PMC / NMC:** 4
- **Deployed:** 18

### FDRC
- **Assigned:** 11
- **Available:** 6
- **PMC / NMC:** 2
- **Deployed:** 3

### Cadres with less than 25% availability

### National Workforce
- **Total Workforce:** 10,240
- **Available:** 6,352 (62%)
- **Deployed:** 2,631
- **Other:** 1,257

### Resource Force Strength

---

*B-2 Status: Assemble ≤ 2 hrs, On Site ≤ 18 hrs; B-48 Status: Assemble and deploy ≤ 48 hrs; Charlie Status: No team assemble time requirement*
## 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>
<th>Reason/Comments</th>
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</thead>
<tbody>
<tr>
<td>NWC</td>
<td></td>
<td>5</td>
<td>Not Activated</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>NRCC</td>
<td></td>
<td>2</td>
<td>Not Activated</td>
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<td></td>
<td></td>
<td>NRCS Gold Team – May primary</td>
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<tr>
<td>HLT</td>
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<td>1</td>
<td>Not Activated</td>
<td></td>
<td></td>
<td></td>
<td>Deactivated for the season</td>
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<tr>
<td>RWCs/MOCs</td>
<td></td>
<td>9</td>
<td>Activated</td>
<td>Region V</td>
<td>Enhanced</td>
<td>(24/7) Day shift only</td>
<td>Severe Weather</td>
</tr>
<tr>
<td>RRCCs</td>
<td></td>
<td>10</td>
<td>Activated</td>
<td>Region VII</td>
<td>Level III</td>
<td>Day shift only</td>
<td>Severe Weather</td>
</tr>
</tbody>
</table>

**Back-up Regions (May 1-7): II, III, VI**
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.