Significant Activity – May 15-16

**Significant Events:** Kīlauea Volcano eruption

**Tropical Activity:** Atlantic – Disturbance 1: Low (near 0%)

**Significant Weather:**
- Flash flooding possible – Mid-Atlantic
- Red Flag Warnings – AZ & NM
- Space Weather – Past 24 hours: None; next 24 hours: Minor, geomagnetic storms reaching G1 level likely

**Earthquake Activity:** No significant activity

**Declaration Activity:** None
Situation
On May 3, a lava flow broke to the surface in lower Puna on the Big Island of Hawaii. Twenty fissure vents have formed in and around the Leilani estates subdivision. Air quality in southeast area of Lanipuna Gardens has been rated “condition red” (immediate danger to health) for high levels of sulfur dioxide (400 to 500 ppm is considered dangerous for even short periods of exposure). HVO increased the Aviation Color Code to RED due to increased ash emission. Volcanic-tectonic seismicity continues.

Impacts
• Evacuations: Mandatory evacuations in effect for approximately 2k residents (900 homes)
• Shelters: 2 shelters / 243 occupants (ARC Midnight Shelter Count, 5:54 a.m. EDT)
• Injuries / Fatalities: 3 injuries / 0 fatalities
• Damage: 36 structures (27 homes) impacted
• Transportation:
  o Portions of Highway 130 and 132 and local roads closed due to cracks and lava flows
  o FAA Temporary Flight Restriction extended through May 26 (ash spewing up to 12,000 feet into the air)
• 3 of 5 wells capped at Puna Geothermal Venture

State / Local Response
• HI EOC at Partial Activation (days only)
• Governor declared a State of Emergency & activated HI National Guard
• County and state assets exhausted and EMAC has been activated for assistance from other states

FEMA Response
• Major Disaster Declaration FEMA-4366-DR-HI approved on May 11, 2018
• FEMA Region IX RWC & Pacific Area Watch at Steady State; continue to monitor
• FEMA Region IX LNO deployed to HI EMA EOC (O‘ahu)
• National IMAT East-1 & elements of National IMAT East-2 deployed to HI-EMA (Oahu)
• Bothell MERS deployed to Honolulu
• FEMA NWC continues to monitor
Kīlauea Eruption – Hawai’i County, HI
Tropical Outlook – Atlantic

**Disturbance 1** (as of 8:00 a.m. EDT May 16)

- Located over northeastern Gulf of Mexico
- Forecast to degenerate into a trough of low pressure and tropical cyclone formation is not anticipated
- Formation chance through 48 hours: LOW (near 0%)
- Formation chance through 5 days: LOW (near 0%)
National Weather Forecast

Prepared by Morencoids with WPC/SPC/NHC forecasts.
Precipitation / Excessive Rainfall Forecast

Wed – Fri

Map showing the forecasted precipitation levels across the United States, with shades indicating different amounts of expected rainfall.
Fire Weather Outlook

Wednesday

Thursday
Space Weather

<table>
<thead>
<tr>
<th>Past 24 Hours</th>
<th>Space Weather Activity</th>
<th>Geomagnetic Storms</th>
<th>Solar Radiation</th>
<th>Radio Blackouts</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Next 24 Hours</td>
<td>Minor</td>
<td>G1</td>
<td>None</td>
<td>None</td>
</tr>
</tbody>
</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)
## 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>I</td>
<td>MA</td>
<td>Snow</td>
<td>IA</td>
<td>0</td>
<td>N/A</td>
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<td>PA</td>
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<td>4/25 – TBD</td>
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</tr>
<tr>
<td></td>
<td>VT</td>
<td>Heavy Rain and Wind</td>
<td>IA</td>
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<tr>
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<td></td>
<td></td>
<td>PA</td>
<td>6</td>
<td>5/17 - TBD</td>
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## Disaster Requests and Declarations

### Declaration Requests in Process

<table>
<thead>
<tr>
<th>#</th>
<th>IA</th>
<th>PA</th>
<th>HM</th>
<th>Date Requested</th>
<th>Requests APPROVED (since last report)</th>
<th>Requests DENIED (since last report)</th>
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<tbody>
<tr>
<td>7</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>January 25, 2018</td>
<td>0</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td>AK – DR Severe Storm</td>
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<td>ME – DR Severe Storms and Flooding</td>
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<td>NH – DR Severe Storms and Flooding</td>
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<td></td>
<td>MA – DR Severe Winter Storm</td>
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<td></td>
<td>NJ – DR Severe Winter Storm and Snowstorm</td>
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<td>NH – DR Severe Storms and Snowstorms</td>
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<td>LA – DR Severe Storms, Tornadoes, and Straight-line Winds</td>
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## Readiness – Deployable Teams and Assets

### Cadres with 25% or Less Availability

<table>
<thead>
<tr>
<th>Resource</th>
<th>Force Strength</th>
<th>Available</th>
<th>Deployed</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Workforce</td>
<td>12,075</td>
<td>3,815</td>
<td>4,568</td>
<td>3,692</td>
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</tbody>
</table>

#### National IMATs* (1-2 Teams)

<table>
<thead>
<tr>
<th>Location</th>
<th>Deployed</th>
<th>Available</th>
</tr>
</thead>
<tbody>
<tr>
<td>East 1:</td>
<td>13</td>
<td>2</td>
</tr>
<tr>
<td>East 2:</td>
<td></td>
<td>5</td>
</tr>
<tr>
<td>West:</td>
<td>B-2</td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Location</th>
<th>Assigned</th>
<th>Available</th>
<th>Deployed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assigned:</td>
<td>28</td>
<td>27 (-1)</td>
<td>6</td>
</tr>
<tr>
<td>Available:</td>
<td>1 (+1)</td>
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</table>

#### US&R (≥66%)

<table>
<thead>
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<th>Assigned</th>
<th>Available</th>
<th>Deployed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assigned:</td>
<td>36</td>
<td>33</td>
<td>3</td>
</tr>
<tr>
<td>Available:</td>
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<tr>
<td>Deployed:</td>
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<td>3</td>
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</tbody>
</table>

#### MERS (≥66%)

<table>
<thead>
<tr>
<th>Location</th>
<th>Assigned</th>
<th>Available</th>
<th>Deployed</th>
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<tbody>
<tr>
<td>Assigned:</td>
<td>33</td>
<td>4</td>
<td>3</td>
</tr>
<tr>
<td>Available:</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Deployed:</td>
<td></td>
<td>27</td>
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</tbody>
</table>

#### FCO (≤1 Type I)

<table>
<thead>
<tr>
<th>Location</th>
<th>Assigned</th>
<th>Available</th>
<th>Deployed</th>
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</thead>
<tbody>
<tr>
<td>Assigned:</td>
<td>14</td>
<td></td>
<td>8</td>
</tr>
<tr>
<td>Available:</td>
<td>4</td>
<td></td>
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</tr>
<tr>
<td>Deployed:</td>
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<td></td>
<td></td>
</tr>
</tbody>
</table>

### Field Offices

<table>
<thead>
<tr>
<th>Location</th>
<th>Assigned</th>
<th>Available</th>
<th>Deployed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assigned:</td>
<td>28</td>
<td>27 (-1)</td>
<td></td>
</tr>
<tr>
<td>Available:</td>
<td></td>
<td>0</td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Status</th>
<th>Activated Team</th>
<th>Activation Level</th>
<th>Activation Times</th>
<th>Reason / Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>NWC (5 Teams)</td>
<td>Steady State</td>
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<tr>
<td>NRCC (2 Teams)</td>
<td>Available</td>
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</tr>
<tr>
<td>HLT (1 Team)</td>
<td>Available</td>
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</tr>
<tr>
<td>RWC/MOCs (10 Regions)</td>
<td>Available</td>
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</tr>
<tr>
<td>RRCCs (10 Regions)</td>
<td>Available</td>
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</tbody>
</table>

Backup Regions: **VIII, III, & II**
FEMA’s mission is helping people before, during, and after disasters.