Daily Operations Briefing
Saturday, September 2, 2017
8:30 a.m. EDT
Significant Activity – Sep 1-2

**Significant Events:** Remnants of Harvey

**Tropical Activity:**
- Atlantic – Hurricane Irma; Disturbance 1 – Low (near 0%)
- Eastern Pacific – Tropical Storm Lidia
- Central Pacific – No tropical cyclones expected next 48 hours
- Western Pacific – No activity affecting U.S. interests

**Significant Weather:**
- Elevated fire weather – MT, WY, ND, and SD
- Space weather:
  - Past 24 hours: Minor; geomagnetic storms reaching G1 level occurred
  - Next 24 hours: Minor; geomagnetic storms reaching G1 level expected

**Earthquake Activity:** No significant activity

**Declaration Activity:**
- Major Disaster Declaration Request – Illinois
- Major Disaster Declaration Request – Kansas
- Major Disaster Declaration Request – New York
- Amendment No. 3 to FEMA-4332-DR-TX
- Amendment No. 1 to FEMA-4327-DR-WY
Tropical Storm Lidia (Advisory #15A as of 8:00 a.m. EDT)

- Located 70 miles ESE of Punta Eugenia, Mexico
- Moving NW at 12 mph
- Maximum sustained wind 45 mph
- Lidia is expected to become a remnant low by tonight or Sunday
**Tropical Outlook – Atlantic**

**Hurricane Irma** (Advisory #12, as of 5:00 a.m. EDT)
- Category 2 Hurricane
- Located 1,320 miles E of the Leeward Islands
- Moving W at 14 mph
- Fluctuation in strength is possible during the next few days

**Disturbance 1** (as of 8:00 a.m. EDT)
- Located a few hundred miles SW of the Cabo Verde Islands
- Moving west at 15 mph
- Formation chance through 48 hours: Low – (near 0%)  
- Formation chance through 5 days: Medium – (60%)
National Weather Forecast

Today

Tomorrow
Tropical Cyclone Harvey

Current Situation
- Response and recovery efforts continue throughout the Gulf Coast
- Dry weather this weekend; area rivers and bayous to fall below major flood stage
- Record flooding will continue on the Neches River near Beaumont through next week
- Harvey’s remnants may cause locally significant flash flooding, especially in Kentucky
- Isolated tornadoes possible, primarily over the Carolinas

Impacts
- Widespread Damage: Nearly 137k (+18k) of 2.7M homes in 29 counties impacted
- Evacuations:
  - TX – Mandatory evacuations for 430k; Voluntary evacuations for 234k people
  - LA – Mandatory evacuations for 6.9k; Voluntary evacuations for 133k people
- Shelters / Occupants: 258 / 42k in TX; 6 / 1,507 in LA
- Transportation: Limited operations across the region
  - Airports: Beaumont closed (expected to open Sep 4)
  - Seaports: Dredging to begin this weekend
  - Roads/Bridges: Major roads remain closed through the impacted area
- Communications: 2.4% cell tower outage; 100k landline customers out of service
- Medical: 29 hospitals closed; 12 hospitals reopened
- Power Outages: 123k customers without power in TX* (as of 5:30 a.m. EDT)
- Schools: Houston schools closed for at least 2 weeks
- Other: Numerous tornadoes, high wind, and hail events reported across the Lower Mississippi Valley and much of the Southeast

*Note: Customer outage data is provided by the Department of Energy’s EAGLE-I system. Comprehensive National coverage of all electrical service providers is not available.

• Explosion at the Arkema Chemical Plant in Harris County, TX:
  - Trailers of organic peroxide burning, emitting black smoke
  - Six remaining trailers of the compound at the facility, with remaining compounds expected to degrade at any time
  - No known incidents involving the sulfur dioxide at the plant
Tropical Cyclone Harvey

**FEMA Region VI**
- RRCC: Level I (24/7); RWC: Steady State
- Region VI IMAT-1 (TX)
- Region VI IMAT-2 (TX EOC)
- LNOs (TX & LA)

**Texas**
- EOC at Full Activation

**Louisiana**
- EOC at Full Activation

**FEMA HQ**
- NRCC: Level I (24/7); NWC: Steady State
- National IMAT West (Austin, TX)
- National IMAT East-1 (Houston, TX)
- Region V, VII, & VIII IMATs (TX)
- ISBs: Seguin, TX; Camp Beauregard, LA; Randolph, TX
- MERS: 25 MCOVs (TX)
- FEMA Corps: 1 team (TX), 31 teams available
- US&R: All 28 National Teams have deployed assets (TX)
Major to Record River Flooding

9.86 feet: Water levels are near those reached with the storm surge from Hurricane Ike in 2008. Widespread catastrophic flooding occurs across much of Orange.

34.04 feet: This is the flood of record, which occurred on October 20, 1998. Disastrous flooding occurs. Over 600 homes in the west and southwest part of the city of Victoria and over 300 homes in the county of Victoria are affected. The AEP Power Plant on Bottom Road is under water and electricity may be shut off on the south side of town.

13 feet: River is near flood of record which occurred October 1994. Widespread major flooding is occurring. Numerous homes in northeast Beaumont and Rose City are flooded.
Hazards Outlook – Sep 4-8

For the latest information on flooding: http://www.wpc.ncep.noaa.gov/nationalfloodoutlook/index.html

- Flooding Likely
- Flooding Occurring/Imminent
- Flooding Possible
- Severe Drought
## 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>Minor</td>
<td>G1</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)

### HF Communication Impact

![HF Communication Impact](image)

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### Sunspot Activity

![Sunspot Activity](image)
## Wildfire Summary

<table>
<thead>
<tr>
<th>Fire Name (County)</th>
<th>FMAG # (Approved Date)</th>
<th>Acres Burned</th>
<th>PercentContained</th>
<th>Evacuations (Residents)</th>
<th>Structures Threatened</th>
<th>Damaged</th>
<th>Destroyed</th>
<th>Fatalities / Injuries</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>California (1)</strong></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Helena (Trinity)</td>
<td>5199-FM-CA Sept 1, 2017</td>
<td>5,170 (+170)</td>
<td>0%</td>
<td>Mandatory</td>
<td>5,250 (4,000 homes)</td>
<td>0</td>
<td>130 (80 homes)</td>
<td>0 / 0</td>
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<tr>
<td><strong>Oregon (1)</strong></td>
<td></td>
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</tr>
<tr>
<td>Chetco Bar (Curry)</td>
<td>5198-FM-OR August 20, 2017</td>
<td>131,197 (+7,015)</td>
<td>10%</td>
<td>Mandatory</td>
<td>12,286 (8,523 homes)</td>
<td>9 (1 home)</td>
<td>26 (6 homes)</td>
<td>0 / 3</td>
</tr>
</tbody>
</table>
# 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></td>
<td>Requested</td>
<td>Completed</td>
</tr>
<tr>
<td>V</td>
<td>IL</td>
<td>Severe Storms and Flooding</td>
<td>IA</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>July 11-27, 2017</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>PA</td>
<td>4</td>
<td>0</td>
</tr>
<tr>
<td>VI</td>
<td>NM</td>
<td>Severe Storms</td>
<td>IA</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>August 3, 2017</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>PA</td>
<td>1</td>
<td>0</td>
</tr>
</tbody>
</table>
Illinois

- Governor requested a Major Disaster Declaration on August 31, 2017
- For severe storms and flooding that occurred July 11-27, 2017
- Requesting:
  - Individual Assistance for 4 counties
  - Hazard Mitigation statewide
Declaration Request

New York
- Governor requested a Major Disaster Declaration on August 31, 2017
- For severe storms, tornadoes, and flooding that occurred June 30, 2017 and continuing
- Requesting:
  o Individual Assistance and Public Assistance for 15 counties
  o Hazard Mitigation statewide
Declaration Request

**Kansas**
- Governor requested a Major Disaster Declaration on September 1, 2017
- For severe storms, straight-line winds, and flooding that occurred July 22-27, 2017
- Requesting:
  - Public Assistance for 2 counties
  - Hazard Mitigation statewide
## Declaration Requests in Process

<table>
<thead>
<tr>
<th>Declared State</th>
<th>Event Description</th>
<th>Requested</th>
<th>Requests APPROVED (since last report)</th>
<th>Requests DENIED (since last report)</th>
</tr>
</thead>
<tbody>
<tr>
<td>NY</td>
<td>DR (Expedited) Flooding</td>
<td>July 6, 2017</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>ID</td>
<td>DR Flooding</td>
<td>July 20, 2017</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>ND</td>
<td>DR Drought</td>
<td>August 7, 2017</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>WI</td>
<td>DR Severe Storms, Straight-line Winds, Flooding, Landslides, and Mudslides</td>
<td>August 23, 2017</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>ND</td>
<td>DR Severe Storms</td>
<td>August 28, 2017</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>IL</td>
<td>DR Severe Storms and Flooding</td>
<td>August 31, 2017</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>NY</td>
<td>DR Severe Storms, Tornadoes, and Flooding</td>
<td>August 31, 2017</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>KS</td>
<td>DR Severe Storms, Straight-line Winds, and Flooding</td>
<td>September 1, 2017</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>
## Disaster Amendments

<table>
<thead>
<tr>
<th>Amendment</th>
<th>Effective Date</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amendment No. 3 to FEMA-4332-DR-TX</td>
<td>August 31, 2017</td>
<td>Adds 3 counties for Individual Assistance &amp; debris removal and emergency protective measures (Categories A &amp; B)</td>
</tr>
<tr>
<td>Amendment No. 1 to FEMA-4327-DR-WY</td>
<td>September 1, 2017</td>
<td>Adds 1 county for Public Assistance</td>
</tr>
</tbody>
</table>
### Resource

<table>
<thead>
<tr>
<th>Force Strength</th>
<th>Available</th>
<th>Deployed</th>
<th>Cadres with 25% or less availability</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total Workforce</strong></td>
<td>10,935 ▲</td>
<td>2,625 ▲ 24% ▲</td>
<td>6,301 ▲</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Region</th>
<th>Assigned</th>
<th>Available</th>
<th>PMC / NMC</th>
<th>Deployed</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>East 1: Deployed</td>
<td>4319-DR-WA</td>
<td>JFO: Camp Murray, WA</td>
<td>ECO: Thomas J. Dargen</td>
<td>13</td>
<td></td>
</tr>
<tr>
<td>East 2: B-2</td>
<td>4313-DR-ID</td>
<td>JFO: Beale, CA</td>
<td>ECO: Timothy B. Manrier</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>West: Deployed</td>
<td>4328-DR-CR</td>
<td>JFO: Slaton, TX</td>
<td>ECO: Winifred G. Nunoo</td>
<td>2</td>
<td></td>
</tr>
</tbody>
</table>

### Regional IMATs (0-3 Teams)

<table>
<thead>
<tr>
<th>Region</th>
<th>Assigned</th>
<th>Available</th>
<th>PMC / NMC</th>
<th>Deployed</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>East: Deployed</td>
<td>4303-DR-AV*</td>
<td>JFO: Camp Carson, CO</td>
<td>ECO: David Han</td>
<td>11</td>
<td></td>
</tr>
<tr>
<td>Assignments</td>
<td>4307-DR-NY</td>
<td>JFO: Camp Grant, NY</td>
<td>ECO: David Han</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Deployed</td>
<td>4300-DR-A*</td>
<td>JFO: Sacramento, CA</td>
<td>ECO: Timothy J. Srour</td>
<td>13</td>
<td></td>
</tr>
</tbody>
</table>

### US&R (≤33%)

<table>
<thead>
<tr>
<th>Region</th>
<th>Assigned</th>
<th>Available</th>
<th>PMC / NMC</th>
<th>Deployed</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assigned: 28</td>
<td>4301-DR-CA</td>
<td>JFO: Denver, CO</td>
<td>ECO: David Han</td>
<td>13</td>
<td></td>
</tr>
<tr>
<td>Available: 0</td>
<td>4309-DR-CA</td>
<td>JFO: Lansing, MI</td>
<td>ECO: David Han</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Deployed: 15</td>
<td>4309-DR-CT</td>
<td>JFO: Colorado Springs, CO</td>
<td>ECO: David Han</td>
<td>15</td>
<td></td>
</tr>
</tbody>
</table>

### MERS (≤66%)

<table>
<thead>
<tr>
<th>Region</th>
<th>Assigned</th>
<th>Available</th>
<th>PMC / NMC</th>
<th>Deployed</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assigned: 36</td>
<td>4302-DR-CT</td>
<td>JFO: Oklahoma City, OK</td>
<td>ECO: David Han</td>
<td>22</td>
<td></td>
</tr>
<tr>
<td>Available: 14</td>
<td>4303-DR-CT</td>
<td>JFO: Austin, TX</td>
<td>ECO: David Han</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Deployed: 15</td>
<td>4323-DR-CT</td>
<td>JFO: Dallas, TX</td>
<td>ECO: David Han</td>
<td>15</td>
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</table>

### FCO (≤1 Type I)

<table>
<thead>
<tr>
<th>Region</th>
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<th>Available</th>
<th>PMC / NMC</th>
<th>Deployed</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assigned: 36</td>
<td>4315-DR-OK</td>
<td>JFO: Oklahoma City, OK</td>
<td>ECO: David Han</td>
<td>11</td>
<td></td>
</tr>
<tr>
<td>Available: 5</td>
<td>4324-DR-OX</td>
<td>JFO: Oklahoma City, OK</td>
<td>ECO: David Han</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Deployed: 29</td>
<td>4322-DR-TX</td>
<td>JFO: Austin, TX</td>
<td>ECO: David Han</td>
<td>0</td>
<td></td>
</tr>
</tbody>
</table>

### FDRC

<table>
<thead>
<tr>
<th>Region</th>
<th>Assigned</th>
<th>Available</th>
<th>PMC / NMC</th>
<th>Deployed</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assigned: 11</td>
<td>4315-DR-OK</td>
<td>JFO: Oklahoma City, OK</td>
<td>ECO: David Han</td>
<td>7</td>
<td></td>
</tr>
<tr>
<td>Available: 4</td>
<td>4324-DR-OX</td>
<td>JFO: Oklahoma City, OK</td>
<td>ECO: David Han</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Deployed: 29</td>
<td>4322-DR-TX</td>
<td>JFO: Austin, TX</td>
<td>ECO: David Han</td>
<td>7</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 assemble time requirement

As of 3:00 a.m. EDT September 2, 2017
### 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>
<th>Reason/Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>NWC</td>
<td></td>
<td>5</td>
<td>Not Activated</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NRCC</td>
<td></td>
<td>2</td>
<td>Activated</td>
<td>Gold</td>
<td>Level I</td>
<td>24/7</td>
<td>Tropical Cyclone Harvey</td>
</tr>
<tr>
<td>HLT</td>
<td></td>
<td>1</td>
<td>Activated</td>
<td></td>
<td></td>
<td></td>
<td>Hurricane Season</td>
</tr>
<tr>
<td>RWCs/MOCs</td>
<td></td>
<td>10</td>
<td>Not Activated</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>RRCCs</td>
<td></td>
<td>10</td>
<td>Activated</td>
<td>Region VI</td>
<td>Level I</td>
<td>24/7</td>
<td>Tropical Cyclone Harvey</td>
</tr>
</tbody>
</table>

**Back-up Regions: IV and V**
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.