Significant Activity – July 14 -15

**Significant Events:** None

**Tropical Activity:**
- Atlantic – No tropical cyclones expected next 48 hours
- Eastern Pacific – Hurricane Fernanda (CAT 4); Disturbance 1 – Medium (40%); Disturbance 2 – Low (10%)
- Central Pacific – No tropical cyclones expected next 48 hours
- Western Pacific – No activity affecting U.S. interests

**Significant Weather:**
- Severe thunderstorms possible – Upper Mississippi Valley and Great Lakes
- Flash flooding possible – Southern/Central Plains, Lower Mississippi/Tennessee valleys, and the Mid-Atlantic
- Elevated to Critical Fire Weather conditions – Northern Plains, Northern Intermountain, and California
- Isolated to Scattered Dry Thunderstorms – Central Great Basin, Northern Intermountain, Northern Rockies and Northern Plains
- Space Weather – Past 24 hours: Minor, solar radiation storms reaching S1 level occurred; next 24 hours: minor, solar radiation storms reaching S1 level expected

**Earthquake Activity:** No significant activity

**Declaration Activity:**
- Major Disaster Declaration request – Nebraska
- FMAG Approved – Cold Springs Fire, Nevada
Tropical Outlook – Atlantic

48 Hour Outlook

Tropical cyclone activity is not expected during the next 48 hours.

5 Day Outlook

No new tropical cyclones are expected during the next five days.
Hurricane Fernanda (CAT 4) (Advisory #14 as of 5:00 a.m. EDT)
• Located 1,145 miles SW of southern tip of Baja California, Mexico
• Maximum sustained winds 145 mph
• Based on current advisory, there are no threats to U.S. interests

Disturbance 1 (as of 8:00 a.m. EDT)
• Located a few hundred miles SW of Gulf of Tehuantepec
• Tropical depression could form by early next week
• Formation chance through 48 hours: Medium (40%)
• Formation chance through 5 days: Medium (60%)

Disturbance 2 (as of 8:00 a.m. EDT)
• Located several hundred miles SW of Manzanillo, Mexico
• Development, if any, will be slow to occur
• Formation chance through 48 hours: Low (10%)
• Formation chance through 5 days: Low (20%)
Tropical Outlook – Central Pacific

48 Hour Outlook

5 Day Outlook
National Weather Forecast

Today

Tomorrow
Severe Weather Outlook – Days 1-3
Precipitation Forecast / Flash Flood Risk

Days 1-3

Day 1

Day 2

Day 3
Regional River Forecast – Fox & Des Plaines

At 17.45 ft.: Widespread flooding in Salem and Silver Lake including some homes.

At 16.5 ft.: Flood waters on Chicago Avenue.

At 11.0 ft.: U.S. Route 41 closes and some homes flooding.

At 20.0 ft.: Flooding affects large areas near the river with numerous homes impacted.
Hazards Outlook – July 17-21

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

- Flooding Likely
- Flooding Occurring/Imminent
- Flooding Possible
- Severe Drought

- Heavy Rain 7/17 - 7/20
- Excessive Heat 7/18 - 7/20
- Much Above Normal Temperatures 7/17
- Heavy Rain 7/18 - 7/19
- Excessive Heat 7/20 - 7/21
# Space Weather

<table>
<thead>
<tr>
<th>Past 24 Hours</th>
<th>Geomagnetic Storms</th>
<th>Solar Radiation</th>
<th>Radio Blackouts</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minor</td>
<td>None</td>
<td>S1</td>
<td>None</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Next 24 Hours</th>
<th>Geomagnetic Storms</th>
<th>Solar Radiation</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Minor</td>
<td>None</td>
<td>S1</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)

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**HF Communication Impact**

**Sunspot Activity**
Cold Springs Fire – Nevada

**Current Situation**
- Fire began July 14, 2017 and is burning in and around the community of Red Rock and Stead (combined pop. 10,000); approximately 19 miles NW of Reno
- Voluntary evacuations in effect for 200 people
- No injuries or fatalities

**Response**
- NV EOC at Partial Activation (flooding & storms)
- FEMA Region IX RWC at Steady State

<table>
<thead>
<tr>
<th>Fire Name (County)</th>
<th>FMAG # / Approved</th>
<th>Acres burned</th>
<th>Percent Contained</th>
<th>Evacuations (Residents)</th>
<th>Threatened</th>
<th>Damaged</th>
<th>Destroyed</th>
<th>Fatalities / Injuries</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cold Springs (Washoe County)</td>
<td>XXXX-FM-NV</td>
<td>1,000</td>
<td>5%</td>
<td>Voluntary</td>
<td>100</td>
<td>0</td>
<td>0</td>
<td>0 / 0</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>I</td>
<td>New Hampshire</td>
<td>Severe Weather</td>
<td>IA</td>
<td>0</td>
<td>N/A</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Jun 30 – Jul 1, 2017</td>
<td>PA</td>
<td>1</td>
<td>Jul 6 – TBD</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>IA</td>
<td>0</td>
<td>N/A</td>
</tr>
<tr>
<td></td>
<td>Vermont</td>
<td>Severe Weather</td>
<td>PA</td>
<td>7</td>
<td>Jul 12 – TBD</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Jun 30 – Jul 1, 2017</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</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>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>Date Requested</td>
<td></td>
</tr>
<tr>
<td>OR – DR (Appeal) Severe Winter Storm</td>
<td>June 9, 2017</td>
<td></td>
</tr>
<tr>
<td>OK – DR Severe Storms, Tornadoes, Straight-line Winds, and Flooding</td>
<td>July 6, 2017</td>
<td></td>
</tr>
<tr>
<td>NY – DR (Expedited) DR Flooding</td>
<td>July 10, 2017</td>
<td></td>
</tr>
<tr>
<td>WY – DR Flooding</td>
<td>July 10, 2017</td>
<td></td>
</tr>
<tr>
<td>NE – DR Severe Storms, Tornadoes, and Straight-line Winds</td>
<td>July 13, 2017</td>
<td></td>
</tr>
</tbody>
</table>
Declaration Request

Nebraska
- Governor requested a Major Disaster Declaration on July 13, 2017
- For severe storms, tornadoes, and straight-line winds that occurred June 12-17, 2017
- Requesting:
  o Public Assistance for 18 counties
  o Hazard Mitigation statewide
## Readiness – Deployable Teams and Assets

<table>
<thead>
<tr>
<th>Resource</th>
<th>Force Strength</th>
<th>Available</th>
<th>Deployed</th>
<th>Other</th>
<th>Cadres with less than 25% availability</th>
<th>Safety (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Workforce</td>
<td>10,400</td>
<td>5,622</td>
<td>3,360</td>
<td>1,418</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### National IMATs
- **East 1:**
  - Status: Assemble < 2 hrs, On Site < 18 hrs
  - Assigned: B-2
  - Available: 13
  - Deployed: 8

- **East 2:**
  - Status: Assemble and deploy < 48 hrs
  - Assigned: Charlie
  - Available: 5
  - Deployed: 0

- **West:**
  - Status: No team assemble time requirement
  - Assigned: B-48
  - Available: 0
  - Deployed: 0

### Regional IMATs
- **Assigned:** 13
- **Available:** 5
- **PMC / NMC:** 0
- **Deployed:** 8

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

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

### FCO
- **Assigned:** 35
- **Available:** 9
- **PMC / NMC:** 5
- **Deployed:** 21

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

### Safety (%)
- 9%

---

*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*
# 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>Not Activated</td>
<td></td>
<td></td>
<td></td>
<td>NRCS Gold Team – July primary</td>
</tr>
<tr>
<td>HLT</td>
<td></td>
<td>1</td>
<td>Activated</td>
<td></td>
<td></td>
<td></td>
<td></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 VIII</td>
<td>Level III</td>
<td>Day shift only</td>
<td>Supporting 4323-DR-ND</td>
</tr>
</tbody>
</table>

**Back-up Regions (July 10-16): I, VIII, 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.