The Disaster Center is dedicated to the idea that disaster mitigation is cost effective and individuals pursuing their own interest are the greatest potential force for disaster reduction.

Please consider making a small donation to the Disaster Center

When disaster mitigation is cost effective, we are on the road to bringing disasters to an end.
National Current Operations & Monitoring

Significant Incidents or Threats:
• Earthquake – Puerto Rico M6.4; several aftershocks

Declaration Activity: None
Earthquake (M6.4) – Puerto Rico

**Situation:** At 3:24 a.m. an earthquake (M6.4) occurred approximately 8.4 miles west-southwest of Ponce, Puerto Rico at a depth of 6 miles; numerous aftershocks reported. An MMI of VII (very strong shaking) has been issued affecting 2k. ORANGE SHAKEMAP was issued for economic losses; YELLOW PAGER for fatalities has been issued.

**Impacts:**

**Safety & Security:**
- Multiple roadways have reported debris from falling rocks
- Significant structural damage reported, total damage unknown at this time

**Health & Medical:**
- Media reporting one fatality; no confirmed injuries
- One hospital evacuated for precautionary measure
- Two shelters open with 43 occupants

**Energy:**
- For protective measure, Puerto Rico Electric Power Authority reported all power plants are offline after its “auto protection” systems had been activated

**State / Local Response:**
- Puerto Rico EOC - Partial Activation
- The Governor of Puerto Rico declared a State of Emergency; the Governor activated the National Guard

**FEMA / Federal Response:**

**FEMA HQ:**
- ROC is activated
- US&R activated (FL TF-2)
- NWC at Steady State and continues to monitor

**FEMA Region II:**
- RRCC activated to Level III
- RWC at Steady State; continues to monitor
- IMAT A
- ESFs and DCEs on call

**Deployed:**
- National IMAT Blue
- DECC
- MERS
- Recovery Assistance Team augmented
- ESF 3 Infrastructure Assessment Planning and Response Team (PRT) deployed
National Weather Forecast

Issued 4:55 AM EST Tue, Jan 07, 2020

COD/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Reynolds with WPC/SPC/NHC forecasts
# 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>
<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)

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**HF Communication Impact**

- **Attenuation (Maunder Absorption):** 0 - 5 dB
- **Expected Range:** None
- **Degraded Frequency (MHz):** No Estimates

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**Sunspot Activity**

- Sunspot Number: 2755
- Normal X-ray Background
- Normal Proton Background

Product Valid At: 2020-01-07 06:32 UTC

NOAA/SWPC Boulder, CO USA
<table>
<thead>
<tr>
<th>State / Tribe / Territory – Incident Description</th>
<th>Type</th>
<th>IA</th>
<th>PA</th>
<th>HM</th>
<th>Requested</th>
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</thead>
<tbody>
<tr>
<td>AK – Swan Lake Fire</td>
<td>DR</td>
<td>X</td>
<td>X</td>
<td></td>
<td>Nov 25</td>
</tr>
<tr>
<td>NE – Severe storms, Tornados, Straight-line, Winds and Flooding (APPEAL)</td>
<td>DR</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>Oct 21/Dec 4</td>
</tr>
<tr>
<td>ND – Flooding</td>
<td>DR</td>
<td>X</td>
<td>X</td>
<td></td>
<td>Dec 13</td>
</tr>
<tr>
<td>AR – Severe Storm, Straight-line Winds, and a Tornado</td>
<td>DR</td>
<td>X</td>
<td>X</td>
<td></td>
<td>Dec 18</td>
</tr>
<tr>
<td>VT – Severe Storm and Flooding</td>
<td>DR</td>
<td>X</td>
<td>X</td>
<td></td>
<td>Dec 20</td>
</tr>
</tbody>
</table>
FEMA Common Operating Picture

Team: Status
- US&R >66%
- MERS >66%

FCOs ≤ 1 Type I
- 41 (-1)

FDCs ≤ 1
- 11

IM WORKFORCE
- 13,854 ▲

IM CADRE AVAILABILITY SUMMARY
Cadres with 25% or Less Availability

- Assigned: 28
- Unavailable: 0
- Deployed: 0
- Available: 28

FCOs ≤ 1 Type I
- 41 (-1)

FDCs ≤ 1
- 11

IM WORKFORCE
- 13,854 ▲

EHP 19% (111/598); ER 18% (15/82); FL 23% (36/158); PA 17% (479/2,891)
FEMA’s mission is helping people before, during, and after disasters.