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.
FEMA
Daily Operations Briefing
Thursday, May 21, 2020
8:30 a.m. ET
National Current Operations & Monitoring

Significant Incidents or Threats:
• COVID-19
• Flooding – Michigan - FINAL
• Heavy rain and flash flooding – Central Plains; Central Appalachians to Mid-Atlantic
• Severe thunderstorms – Southern and Central Plains

Declaration Activity:
• Emergency Declaration Request – Michigan
• Major Disaster Declaration Request – Poarch Band of Creek Indians
• Amendment No. 1 to FEMA-4535-DR-WY
Situation: Widespread significant flooding continues in Midland County as headwaters push downstream into Saginaw County. The Tittabawassee River crested Wednesday in the city of Midland and is forecast to crest in Saginaw this evening; floodwaters will slowly recede through next week.

**Lifelines Impacts:**

**Safety and Security:**
- Evacuations remain in place and additional evacuations may be required as flood waters move downstream
- Population of potentially impacted towns and cities: Saginaw: 51k; Midland: 42k, Edenville: 2,500
- No injuries or fatalities reported

**Food, Water, Shelter:**
- 4 ARC shelters open with 20 (-88) occupants; 3 (+2) non-congregate shelters (hotel rooms) open with 20 (-46) occupants* (Non-congregate shelters used for at-risk populations due to COVID-19 concerns)

**Energy:**
- 6.4k** (peak 13.8k) customers without power statewide
- ~400 customers without natural gas in Edenville area

**Transportation:**
- Multiple roads and bridges closed; emergency responders are able to use detours

**Hazardous Material:**
- The lagoon at Dow Chemical Plant in Midland (the research reactor is not a power-generating reactor) was flooded; facility has been evacuated; wastewater was released onto a roadway, cleanup crews are investigating

**State / Local Response:**
- Governor requested an Emergency Declaration on May 20
- Governor declared a state of emergency for city of Midland and county of Midland
- MI EOC at Full activation (COVID-19)
- MI National Guard deployed high water vehicles and aviation assets

**FEMA / Federal Response:**
- Joint PDAs to begin the week of May 25
- USACE is on stand-by
- Region V RWC at Steady State, continues to monitor
- NWC is at Steady State, continues to monitor

*As of 5:45 am ET. 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.)
COVID-19 Update

**Situation:** On May 18, HHS announced $11 billion in funding to states, territories, and tribes to support testing for COVID-19. This ensures that states, territories, and tribes have the resources necessary to meet testing goals as they begin to re-open. Nationwide testing: 12,601,143 (+1,318,362) cumulative as of May 20.

**Operational Task Forces:**

**Community Based Testing Sites:**
- 202,127 (+3,735) samples collected at CBTS locations since Mar 20
- 299,064 (+13,437) tests processed by Private-Partnership Testing Sites since Apr 5

**Lifelines Impacts:**

**Health and Medical Lifeline**
- Testing: To date, FEMA has delivered 6.7 (+1.5) million swabs and 3.7 (+.6) million media across all states and territories

**Other Domestic Lifelines**

**Safety and Security:**
- DHS announced the continued decision to temporarily limit travel of individuals from Canada and Mexico into the U.S. at land ports of entry along the border; such travel to be limited to essential travel
- ICE and CBP seized 225 shipments of mislabeled, fraudulent, unauthorized, or prohibited COVID-19 test kits, treatment kits, homeopathic remedies, purported antiviral products, and PPE; FDA issued warning letters to two companies for selling fraudulent COVID-19 products

**COVID-19**

<table>
<thead>
<tr>
<th></th>
<th>Confirmed</th>
<th>Deaths</th>
</tr>
</thead>
<tbody>
<tr>
<td>United States</td>
<td>1,539,618 (+23,066)</td>
<td>93,102 (+1,511)</td>
</tr>
<tr>
<td>Worldwide</td>
<td>4,789,205 (+57,804)</td>
<td>318,789 (+2,621)</td>
</tr>
</tbody>
</table>

**Response:**
- FEMA NRCC activated to Level I; all FEMA RRCCs activated
- 28 FEMA IMAT-A teams deployed (24 actual/ 4 virtual) to states/territories/tribal nations; LNOs deployed to 37 states/territories/tribal nations
- 57 Major Disaster Declarations approved; All State / Territory EOCs activated
- 47,598 (-106) FEMA, DoD, HHS, VA, and CDC personnel deployed / activated; 3,099 (-3) FEMA employees deployed

(FEMA SLB COVID-19, May 20)
National Weather Forecast

Issued 4:50 AM EDT Thu, May 21, 2020

Prepared by SMO/NAWEC/SWPC/Weather Prediction Center

Rain/Thunderstorms
Rain
Mixed Precipitation
Heavy Rain/Flash Flooding Possible
Severe Thunderstorms Possible
Precipitation & Excessive Rainfall

Thu-Sat

72-Hour Day 1-3 QPF
Valid 12Z Thu May 21 2020
Thru 12Z Sun May 24 2020
Issued: 0845Z Thu May 21 2020
Forecaster: WPC
DOC/NOAA/NWS/NCEP/WPC
Hazards Outlook – May 23-27

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

- **Highest Frequency Affected by 1dB Absorption**
  - Degraded Frequency (MHz)
  - Normal X-ray Background
  - Normal Proton Background

### Sunspot Activity

- [Image of Sunspot Activity]

Product Valid At: 2020-05-21 11:2 UTC
NOAA/SWPC Boulder, CO USA
### 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>IV</td>
<td>AL</td>
<td>Severe Storms, Strong Winds, Tornadoes, and Hail&lt;br&gt;Apr 19</td>
<td>IA</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>PA</td>
<td>10</td>
<td>0</td>
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<tr>
<td></td>
<td></td>
<td>Severe Storm&lt;br&gt;Apr 12</td>
<td>IA</td>
<td>0</td>
<td>0</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>PA</td>
<td>7</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>MS</td>
<td>Severe Storms, Flooding, Tornadoes, and Straight-line Winds&lt;br&gt;Apr 22-23</td>
<td>IA</td>
<td>0</td>
<td>0</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>PA</td>
<td>11</td>
<td>3</td>
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<td></td>
<td>TN</td>
<td>Severe Storms&lt;br&gt;May 3-4</td>
<td>IA</td>
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<td></td>
<td>PA</td>
<td>19</td>
<td>0</td>
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<td>VI</td>
<td>AR</td>
<td>Severe Storms&lt;br&gt;Apr 4</td>
<td>IA</td>
<td>8</td>
<td>8</td>
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<td></td>
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<tr>
<td>VII</td>
<td>MO</td>
<td>Severe Storms&lt;br&gt;May 3-4</td>
<td>IA</td>
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<td></td>
<td></td>
<td>PA</td>
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</tr>
</tbody>
</table>
Declaration Request

Declaration: Emergency Declaration – Michigan
Requested: May 20, 2020

Incident: Severe Storms and Flooding
Incident Period: May 16, 2020 and continuing

Includes:
• PA: Debris removal and emergency protective measures (Categories A and B), including direct federal assistance for Midland County
Declaration Request

Declaration: Major Disaster – Poarch Band of Creek Indians (PBCI)
Requested: May 15, 2020

Incident: COVID-19
Incident Period: January 20, 2020 and continuing
Requesting:
  • IA: Crisis Counseling
  • PA: Emergency protective measures (Category B), including direct federal assistance
### COVID-19 Declaration Requests in Process – 1

<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>
</tr>
</thead>
<tbody>
<tr>
<td>Poarch Band of Creek Indians – COVID-19 Pandemic</td>
<td>DR</td>
<td>X</td>
<td>X</td>
<td></td>
<td>May 15</td>
</tr>
</tbody>
</table>

### Declaration Requests in Process – 5

<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>AL – Severe Storms and Flooding</td>
<td>DR</td>
<td>X</td>
<td>X</td>
<td></td>
<td>Apr 25</td>
</tr>
<tr>
<td>HI – Severe Storms and Flooding</td>
<td>DR</td>
<td>X</td>
<td>X</td>
<td></td>
<td>Apr 27</td>
</tr>
<tr>
<td>TX – Severe Storms, Straight-line Winds, and Tornadoes (Appeal)</td>
<td>DR</td>
<td>X</td>
<td>X</td>
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<td>Apr 27</td>
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<tr>
<td>UT – Earthquake and Aftershocks</td>
<td>DR</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>May 15</td>
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<tr>
<td>MI – Severe Storms and Flooding</td>
<td>EM</td>
<td>X</td>
<td></td>
<td></td>
<td>May 20</td>
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</table>
### Declaration Amendments

<table>
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<th>Declaration</th>
<th>Number</th>
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</thead>
<tbody>
<tr>
<td>FEMA-4535-DR-WY</td>
<td>1</td>
<td>May 20</td>
<td>Adds IA limited to Crisis Counseling Program</td>
</tr>
</tbody>
</table>
Team: Status

US&R >65%

MERS >66%

FCOs ≤1 Type I

FDRCs = 2

IM WORKFORCE

IM CADRE AVAILABILITY SUMMARY

Cadres with 25% or Less Availability

EHP 20% (128/632); ER 20% (15/76); FL 15% (24/160); FM 22% (58/258); OPS 20% (59/291); PA 22% (678/3,094); PLAN 21% (88/415); SAF 20% (11/55)
FEMA’s mission is helping people before, during, and after disasters.