Significant Activity – Nov 10-11

Significant Events:
• CA Wildfires
• Tropical Cyclone Yutu Recovery

Tropical Activity:
• Atlantic – Disturbance 1: Medium (50%)
• Eastern Pacific – No new tropical cyclones are expected during the next 5 days
• Central Pacific – No new tropical cyclones are expected during the next 5 days
• Western Pacific – No activity affecting U.S. interests

Significant Weather:
• Extreme and critical fire weather – CA
• Red Flag Warnings – CA and AZ

Declaration Activity: None
California Wildfires

Current Situation
A combination of warm conditions, very low humidity, dry vegetation, and strong offshore winds will keep dangerous fire weather threats intact across portions of CA through Tuesday. Red Flag Warnings remain in effect across much of CA. Sheltering remains the top lifeline priority.

Impacts
• 25 (+16) confirmed fatalities; 6 (+3) injuries
• 17 shelters open / 1,688 (+97) occupants
• Multiple state routes are closed; railroads threatened
• Feather River Hospital (city of Paradise) significantly damaged and evacuated
• All Butte schools are closed
• Communication lines, towers, CalFire communication sites, CHP communications sites; federal and naval satellite communication infrastructure threatened
• Water systems/supply threatened
• 47.9k (-600) customers without power statewide *(DOE EAGLE-I, as of 8:15 a.m. EST*)

Response
• CA EOC at Full Activation; Governor declared State of Emergency
• FEMA Region IX at Steady State but continues to monitor; LNO deployed to CA EOC
• National IMAT West deployed to CA EOC (Sacramento)
• FEMA ISB team deployed to Chico, CA
• FMAGs approved for Camp Fire, Hill Fire and Woolsey Fire
• Emergency Disaster Declaration FEMA-3409-EM-CA approved November 9

*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.
## Wildfire Summary

<table>
<thead>
<tr>
<th>Fire Name (County)</th>
<th>FMAG Number</th>
<th>Acres Burned</th>
<th>Percent Contained</th>
<th>Evacuations (Residents)</th>
<th>Structures</th>
<th>Fatalities / Injuries</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Threatened</td>
<td>Damaged</td>
</tr>
<tr>
<td>Camp (Butte)</td>
<td>5278-FM-CA</td>
<td>105k (+15k)</td>
<td>20% (+15)</td>
<td>Mandatory (53.4k people) (1.4k)</td>
<td>17k (15k homes)</td>
<td>0</td>
</tr>
<tr>
<td>Nov 8, 2018</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>2 homes (+2)</td>
</tr>
<tr>
<td>Hill - <strong>FINAL</strong> (Ventura)</td>
<td>5279-FM-CA</td>
<td>4,531</td>
<td>65% (+50)</td>
<td>Lifted</td>
<td>0</td>
<td>2 homes (+2)</td>
</tr>
<tr>
<td>Nov 8, 2018</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>2 (+2)</td>
</tr>
<tr>
<td>Woolsey (Ventura / Los Angeles)</td>
<td>5280-FM-CA</td>
<td>83,275 (+48,275)</td>
<td>5% (+5)</td>
<td>Mandatory (170k people) (+130k)</td>
<td>57k (+53.5k) (50k homes)</td>
<td>2 (+2)</td>
</tr>
<tr>
<td>Nov 9, 2018</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>2 (+2)</td>
</tr>
</tbody>
</table>

**California (3)**
Total Individual Assistance Registrations to date: 6,777 (+548) (Open Disaster IA Statistics Update 4404-DR, Nov 11)

Safety and Security: Stabilized

Food, Water, Sheltering:
- Saipan: Long term shelter congregate transition completed
- Shelters / Occupants: 6 / 693 (+4) in Saipan
- Saipan: long term congregate shelters transition is complete
- Tinian: tent installation began Nov 3; 30 tents issued to CNMI on Nov 11
- Saipan: 74 of 130 water wells or 64% water capacity restored
- Commercial vendors: 11 of 18 (61%) water companies open; 14 of 31 (45%) of grocery stores open
- Tinian: 7 containers of construction materials were delivered

Health and Medical:
- Saipan: hospital remains operational; San Antonio and Dandan clinics open
- Tinian: Tinian Health Clinic Emergency Room operational but on generator power

Energy:
- Saipan: 6 of 9 power feeders are non-mission capable; Garapan commercial and business district on 90% grid power
- Tinian: all 4 power feeders are non-mission capable
- Saipan: 76 (+20) generators installed; Tinian: 11 generators installed
- Saipan: 12 of 19 fuel pumping stations operational; Tinian: 1 of 2 operational
- Poles and equipment inbound of end of next week

Communication:
- Saipan: cell service 73%; 44 of 60 cell towers operational
- Tinian: cell service 50%; 3 of 6 cell towers operational; 911 service operational

Transportation:
- Saipan: airport grid power estimated to be restored by Nov 17; road debris clearance at 80% of major highways
- Tinian: all transportation infrastructure functional; airport runway lights and fuel station dispenser need to be repaired to commence night operations

Hazardous Waste: Stabilized

State/Local Response:
- CNMI EOC at Full Activation; Governor declared a State of Emergency
- Guam National Guard supporting

FEMA HQ/Federal Response:
- FEMA NWC at Steady State and monitoring
- FEMA Region IX RWC at Steady State and monitoring; LNOs deployed to CNMI and Guam
- FEMA Region VII and Region IX-2 IMATs deployed to CNMI
- FEMA ISB team and MERS assets deployed; a second Movement Control Unit (MCU) deployed to CNMI
- HHS medical teams and assets deployed
- USACE 249th Prime Power, Planning and Response Team (PRT), and contractor assets deployed
**Disturbance 1** (as of 7:00 a.m. EST)

- Several hundred miles east of the Lesser Antilles
- Some development is possible around the middle of next week
- Formation chance through 48 hours: Low (near 0%)
- Formation chance through 5 days: Medium (50%)
Tropical Outlook – Eastern Pacific

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.
Tropical Outlook – Central Pacific

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.
National Weather Forecast

Prepared by Kebede with WPC/SPC/NHC forecasts.
Severe Weather Outlook

Sun

Mon

Tue

SPC DAY 1 CATEGORICAL OUTLOOK
ISSUED: 0537Z 11/11/2018
VALID: 1200Z Sun 11/11 - 1200Z Mon 11/12
FORECASTER: MCS/ENV/SQUIMER
NOAA/NWS Storm Prediction Center, Norman, Oklahoma

Categorical Outlook Legend:
1. TSTM
2. HGIL
3. LGT
4. HTC
5. HIGH

Contains NWS Product
Used: 1200Z Fri 11/10
ISSUED: 2000Z Fri 11/10
CONSUMED: 1200Z Sun 11/11
Precipitation / Excessive Rainfall Forecast

Sun - Tue

Sun

Mon

Tue

20.00
15.00
10.00
7.00
5.00
4.00
3.00
2.50
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.10
0.01

DAYS 1-3 OFF
VALID 12Z SUN NOV 11 2018
ISSUED: 084Z SUN NOV 11 2018
FORECASTER: WPC/NCEP/WPC
NOAA/NWS/NCEP/WPC
## FMAG Requests and Declarations

<table>
<thead>
<tr>
<th>Action (since last report)</th>
<th>Total</th>
<th>FMAG No. and State</th>
</tr>
</thead>
<tbody>
<tr>
<td>Requests DENIED</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Requests APPROVED</td>
<td>3</td>
<td>FEMA-5278-FM; California FEMA-5279-FM; California FEMA-5280-FM; California</td>
</tr>
</tbody>
</table>

### Approved FMAG Data

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>Current FYTD</th>
<th>MTD</th>
<th>Monthly Average*</th>
<th>Cumulative Acres Burned FYTD</th>
<th>Cumulative Denied FMAGs FYTD</th>
</tr>
</thead>
<tbody>
<tr>
<td>2019</td>
<td>3</td>
<td>3</td>
<td>3.7</td>
<td>27,500</td>
<td>0</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>Total Previous FY</th>
<th>Yearly Average**</th>
<th>Total Acres Burned Previous Fiscal Year</th>
<th>Total Denied FMAGs Previous Fiscal Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>2018</td>
<td>64</td>
<td>54.3</td>
<td>868,840</td>
<td>8</td>
</tr>
</tbody>
</table>

* Reflects the three year average for current month  
** Reflects three year total average
## 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)

### HF Communication Impact

![HF Communication Impact](image)

### Sunspot Activity

![Sunspot Activity](image)

**HF Communication Impact**

- **Highest Frequency Affected by TEC Absorption**
  - 0 to 10 MHz
  - 10 to 20 MHz
  - 20 to 30 MHz
  - 30 to 50 MHz

- **Estimated Maximum Time**
  - High Latitude Precipitation
  - Mid/Low Latitude Precipitation
  - No Estimate

**Sunspot Activity**

- Normal X-ray Background
- Normal Proton Background

**Product Valid At:** 2018-11-11 06:45 UTC

NOAA/SWPC Boulder, CO USA
<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>III</td>
<td>VA</td>
<td>Hurricane Michael October 10-11, 2018</td>
<td>IA</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>PA</td>
<td>38</td>
</tr>
<tr>
<td>V</td>
<td>MN</td>
<td>Flooding October 10, 2018</td>
<td>IA</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>PA</td>
<td>1</td>
</tr>
<tr>
<td>VII</td>
<td>KS</td>
<td>Severe Storms, High Winds, and Flooding October 4, 2018</td>
<td>IA</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>PA</td>
<td>13</td>
</tr>
</tbody>
</table>
## Disaster Requests & Declarations

### Declaration Requests in Process

<table>
<thead>
<tr>
<th>3</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>
</tr>
</thead>
<tbody>
<tr>
<td>NC – DR (Appeal) Severe Storms, Flooding, Landslides, and Mudslides</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>September 19, 2018</td>
<td>0</td>
<td>Denied November 9, 2018</td>
</tr>
<tr>
<td>TX – DR Severe Storms and Flooding</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>October 30, 2018</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>PA – DR Severe Storms and Flooding</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>November 2, 2018</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AZ – DR Remnants of Tropical Storm Rosa*</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>November 8, 2018</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Tohono O'odham Nation
# Readiness – Deployable Teams and Assets

<table>
<thead>
<tr>
<th>Resource</th>
<th>Force Strength</th>
<th>Available</th>
<th>Deployed</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>IM Workforce</strong></td>
<td>12,157 ▲</td>
<td>2,047 ▲ 17%</td>
<td>6,677 ▲</td>
<td>3,433</td>
</tr>
<tr>
<td><strong>National IMATs</strong> (1-2 Teams)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>East:</td>
<td>Available</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Composite:</td>
<td>Available</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>West:</td>
<td>Deployed</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Regional IMATs</strong> (≤ 3 Teams)</td>
<td>Assigned: 13</td>
<td>Available: 1</td>
<td>PMC / NMC: 3</td>
<td>Deployed: 9</td>
</tr>
<tr>
<td><strong>National ISBs</strong> (0 Teams)</td>
<td>Team A: Deployed</td>
<td>Team B: Deployed</td>
<td>Team C: Deployed</td>
<td></td>
</tr>
<tr>
<td><strong>US&amp;R</strong> (&gt;66%)</td>
<td>Assigned: 28</td>
<td>Available: 28</td>
<td>PMC / NMC: 0</td>
<td>Deployed: 0</td>
</tr>
<tr>
<td><strong>MERS</strong> (&gt;66%)</td>
<td>Assigned: 36</td>
<td>Available: 27 (-2)</td>
<td>PMC / NMC: 0</td>
<td>Deployed: 9 (+2)</td>
</tr>
<tr>
<td><strong>FCO</strong> (≥3 Type I)</td>
<td>Assigned: 30</td>
<td>Available: 5</td>
<td>PMC / NMC: 0</td>
<td>Deployed: 25</td>
</tr>
<tr>
<td><strong>FDRC</strong> (≥3)</td>
<td>Assigned: 13</td>
<td>Available: 4</td>
<td>PMC / NMC: 1</td>
<td>Deployed: 8</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Cadres with 25% or Less Availability</th>
</tr>
</thead>
<tbody>
<tr>
<td>DSA 13% (107/849); EA 22% (19/552); EHP 5% (418/849); FL 14% (24/169); FM 22% (58/264); HM 11% (111/1,013); HR 10% (25/242); IA 23% (653/2,880); IT 10% (65/636); LOG 11% (135/1,209); OPS 14% (36/265); PA 6% (117/1,865); PLAN 10% (35/342); SAF 0% (0/67); SEC 3% (4/1,116)</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

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**Map:**
- As of 3:00 a.m. EST Nov 31, 2018 Created by: FEMA NWC

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**Field Office Staging Area:**
- IF: 15
- DRs: 49
- EMS: 1
- Deployed Teams (Located)
## 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>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NRCC (2 Teams)</td>
<td>Steady State</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HLT</td>
<td>Activated</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>RWC / MOCs (10 Regions)</td>
<td>Steady State</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>RRCCs (10 Regions)</td>
<td>Steady State</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Backup Regions: VI, X, and VIII
FEMA's mission is helping people before, during, and after disasters.

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