

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, October 26, 2017**

**8:30 a.m. EDT**

# Significant Activity – Oct 25-26



## **Significant Events:**

- Response and recovery – Tropical Cyclones Harvey, Irma and Maria

## **Tropical Activity:**

- Atlantic – Invest 93L: Medium (40%)
- Eastern Pacific – Disturbance 1: Medium (60%)
- Central Pacific – No tropical cyclones expected next 48 hours
- Western Pacific – No activity affecting U.S. interests

## **Significant Weather:**

- Critical and elevated fire weather – AZ, NM & TX
- Flash flooding possible – Northeast
- Space Weather - Past 24 hours: minor - geomagnetic storms reaching G1 level occurred; next 24 hours: moderate-geomagnetic storms reaching G2 level likely

**Earthquake Activity:** No significant activity

**Declaration Activity:** None

# Severe Weather – North Carolina - FINAL



## Situation

- On October 23, 2017, severe weather impacted SC, NC, VA, and WV
- Preliminary reports of 12 tornado touchdowns and 62 wind reports
- Significant impacts reported in 8 counties in NC

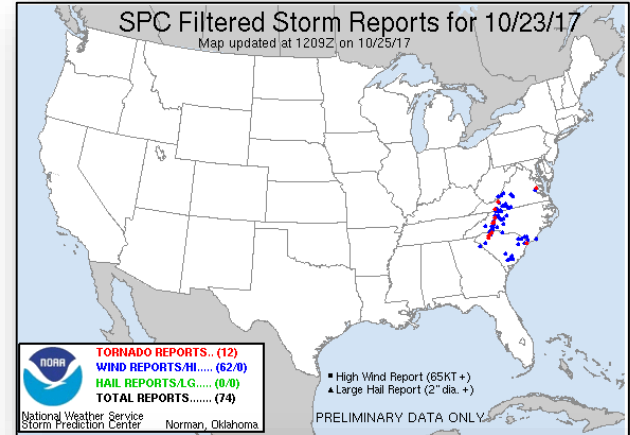
## North Carolina Impacts

- 1 storm-related fatality; 3 injuries
- Approximately 500 homes and 8 businesses with some degree of damage; 19 homes destroyed or with major damage
- Downed trees and power lines; numerous secondary and private roads blocked by debris and mud; debris removal on-going
- 10.6k customers remain without power statewide\*
- 1 shelter open with 9 occupants (ARC Midnight Shelter Count as of 6:10 am EDT)

## Response

- NC EOC remains at Normal Operations
- Local state of emergency declared for 6 counties
- Damage assessments estimated to be completed by late Friday, October 27
- FEMA Region IV RWC remains at Steady State
- No requests for FEMA assistance

(\*As of 7:15 am EDT. 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.)

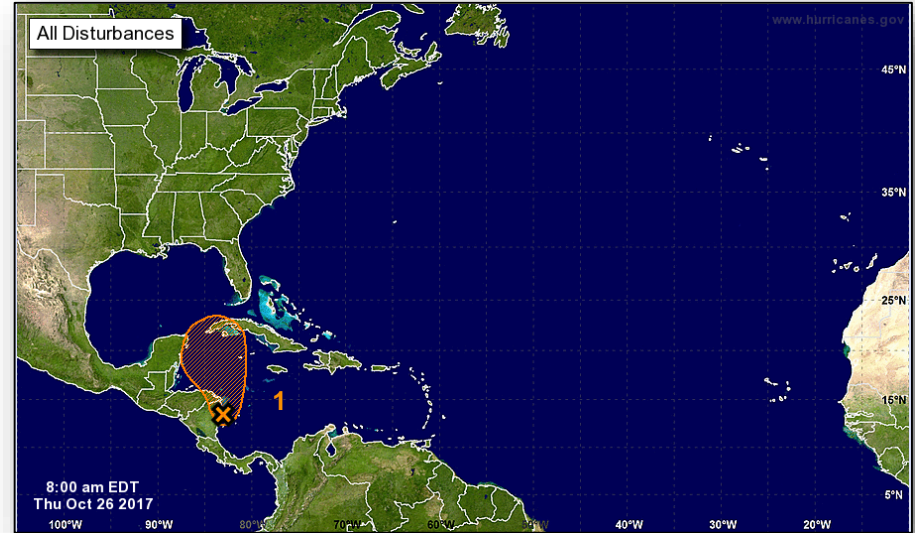


# Tropical Outlook – Atlantic



## Disturbance 1 (Invest 93L) (as of 8:00 a.m. EDT)

- Located over western Caribbean Sea and Central America
- Moving slowly N
- Close proximity to land likely to limit development; however, conditions expected to be conducive for development on Friday and Saturday
- Formation chance through 48 hours: Low (30%)
- Formation chance through 5 days: Medium (40%)



# Tropical Outlook – Eastern Pacific

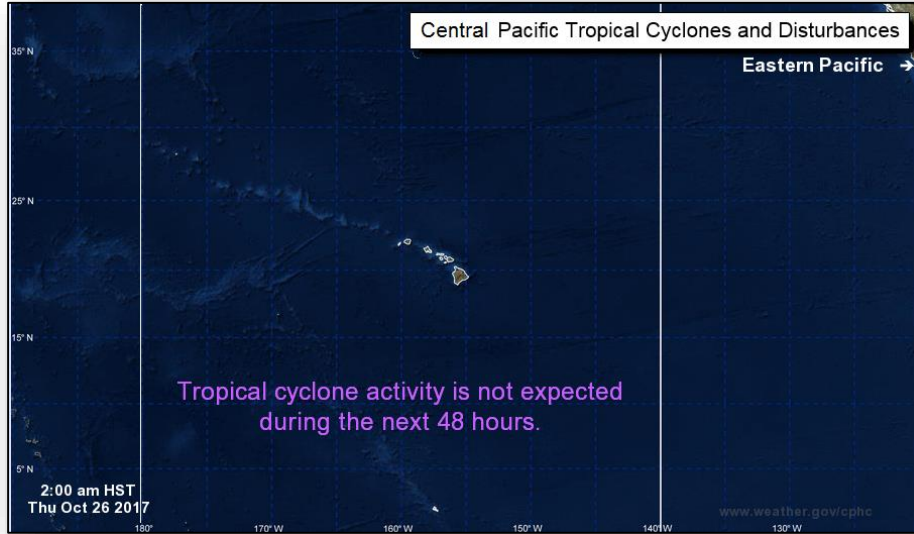


## Disturbance 1 (as of 8:00 a.m. EDT)

- Located just west of coasts of Costa Rica and Nicaragua
- Moving WNW to NW
- Conditions forecast to be generally conducive for development; tropical depression could form next couple of days
- Formation chance through 48 hours: Medium (40%)
- Formation chance through 5 days: Medium (60%)



# Tropical Outlook – Central Pacific



***Next 48 hours***



***Next 5 days***



# PR/USVI Update



## **Puerto Rico**

- Shelters: **83 (-4)** shelters open with **3,771 (-126)** occupants
- Disaster Assistance Registrations: **927k (+26k)**

### **Power Outages / Restoration**

- **25% (+0.6)** of customers with power restored
- PREPA estimating 95% to be restored by December 15

### **Communications:**

- **35% (+1.1)** of cell towers are operational
- **35 of 78 municipalities are partially energized or have energized facilities**
- 87% of population lives in area where wireless coverage is available

### **Health & Medical**

- 65 of 67 hospitals open; **47 (+3)** on power grid, **19 (-3)** on generator power, 1 open without power

### **Water Restoration**

- **74.4% (+0.7)** of PRASA customers have potable water; PRASA covers 96% of PR
- **12 (+2)** of 51 PRASA waste water treatment plants out of service; **37 (+12)** of **113 (-2)** PRASA drinking water treatment plants are out of service; **12 of 51** PRASA waste water treatment plants are out of service
- Boil water advisory remains in effect island-wide

### **Guajataca Dam**

- **Dam level is 7 feet below spillway; additional reduction of 7 feet is needed before evacuation orders can be lifted; leveling to 14 feet below spillway is expected by November 1**

## **U.S. Virgin Islands**

- Shelters: 5 shelters open with **228 (-3)** occupants
- Disaster Assistance Registrations: **16.9k (+1.3k)**

### **Power Outages / Restoration**

- Customers receiving power from grid: St. Thomas: 30.2% St. Croix: 2.9%; St. John: no grid power, expected to begin restoration later this week
- WAPA estimates 90% to be restored by late December

### **Communications:**

- 48% of cell sites are operational
- 88% of population lives in area where wireless coverage is available

### **Health & Medical**

- St. Thomas: Schneider Medical Center sustained damage; established mobile medical facility
- St. Croix: Governor Juan Luis Hospital partially open despite damage; Charles Harwood Facility closed

### **Water Restoration**

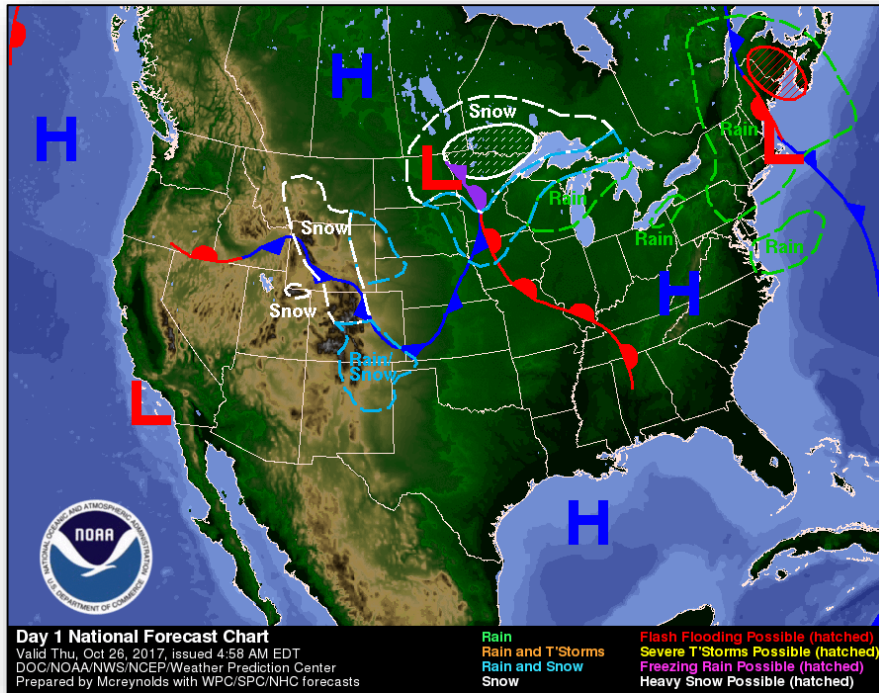
- Boil Water Advisory remains in effect territory-wide

## **FEMA Response**

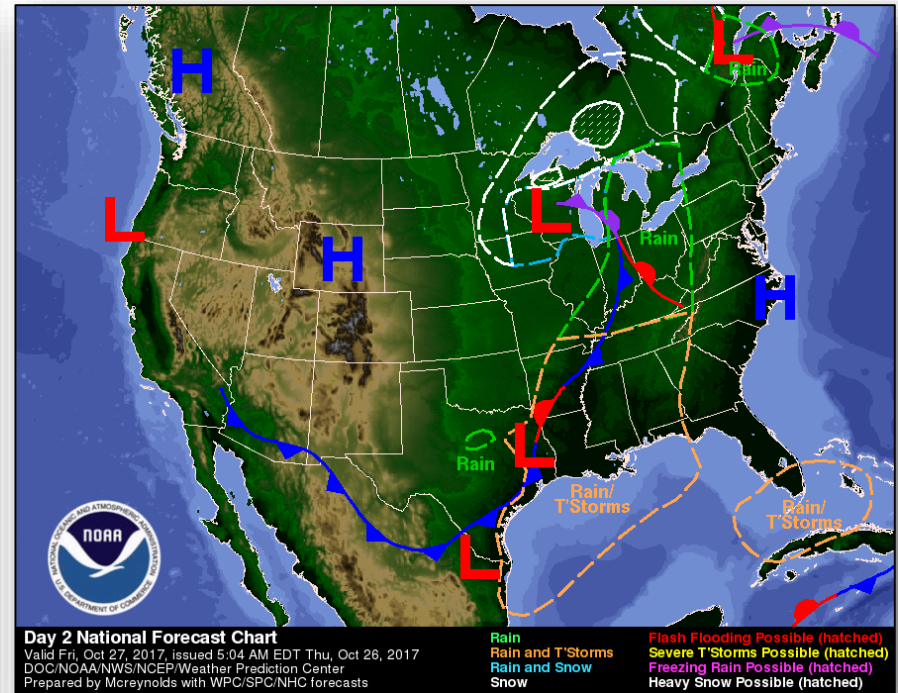
- NRCC: Modified Level III (day shift, 8:00 a.m. - 6:00 p.m. EDT)
- National IMAT East-1 & Region III IMAT deployed to PR
- FEMA Region II & X IMATs deployed to USVI
- MERS teams deployed to USVI & PR



# National Weather Forecast

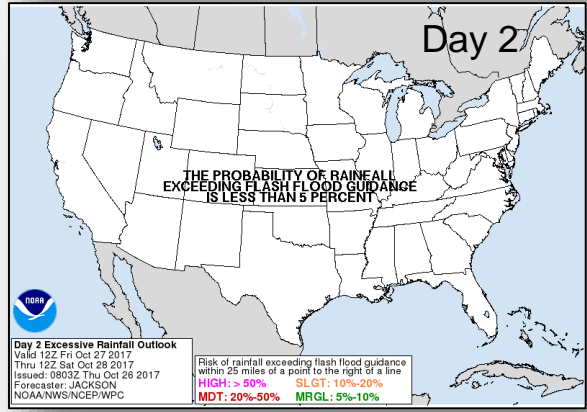
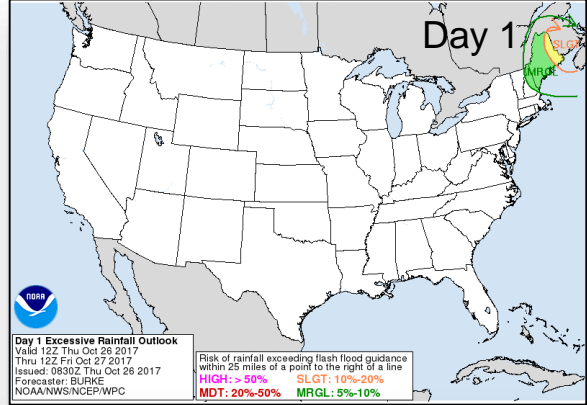
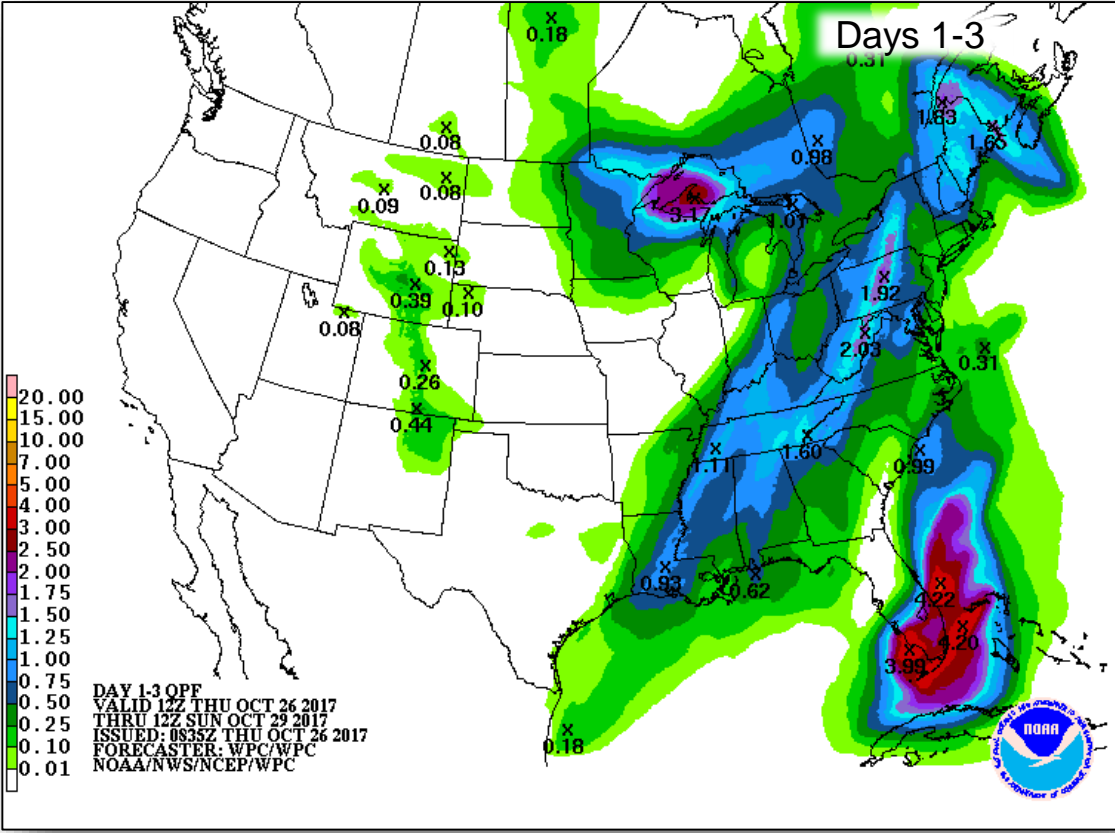


*Today*

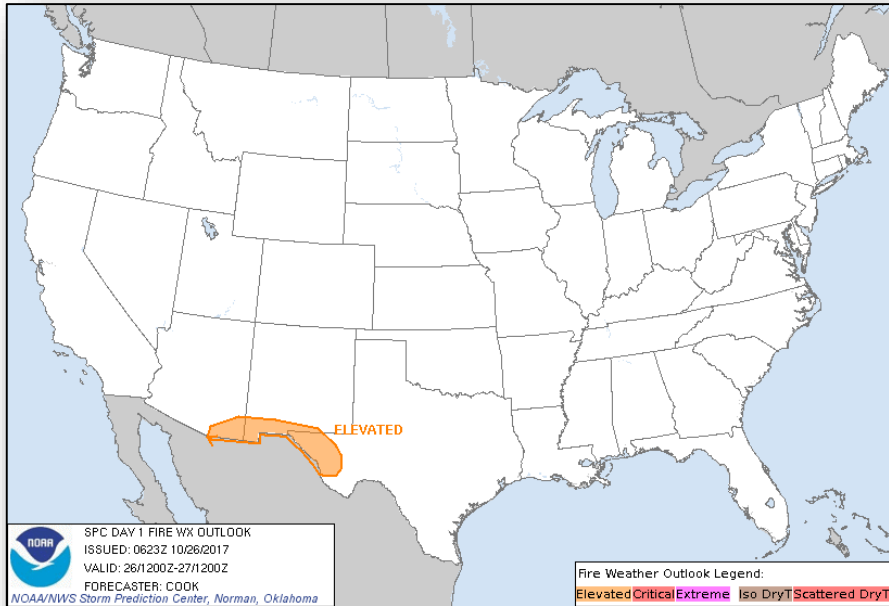


*Tomorrow*

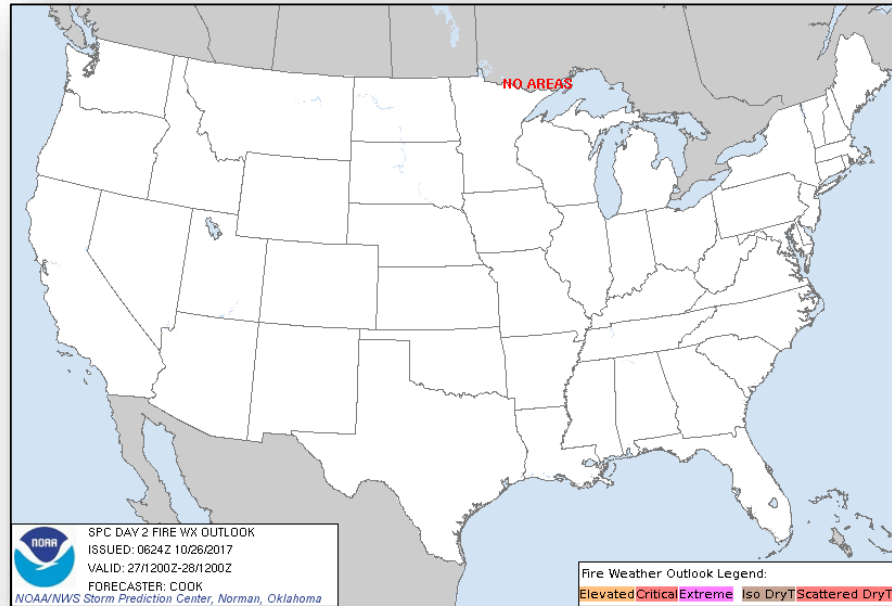
# Precipitation Forecast – Excessive Rainfall



# Fire Weather Outlook



*Today*

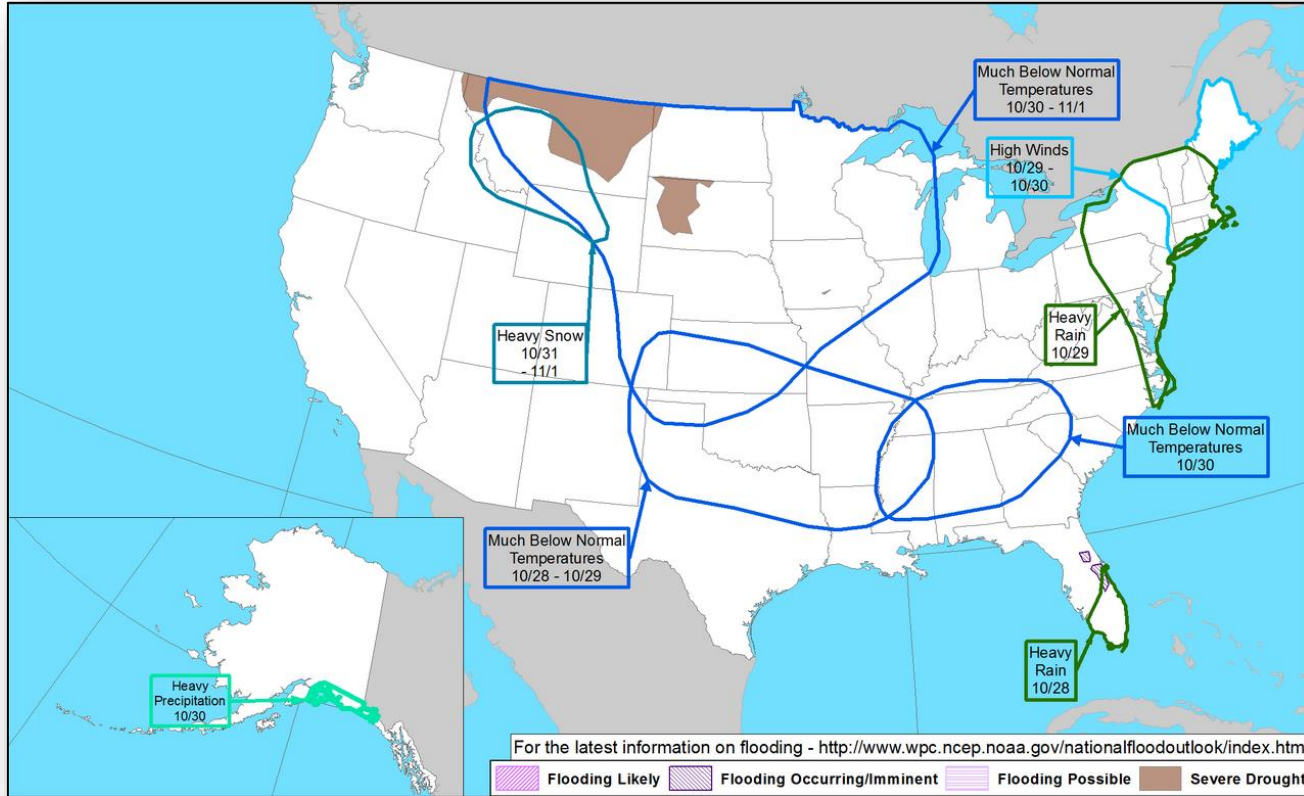


*Tomorrow*

# Hazards Outlook – Oct 28 – Nov 1



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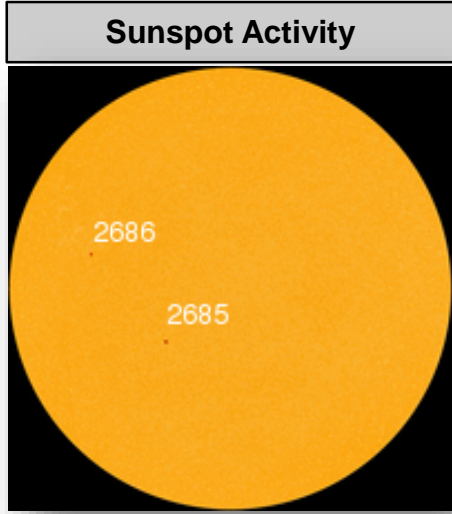
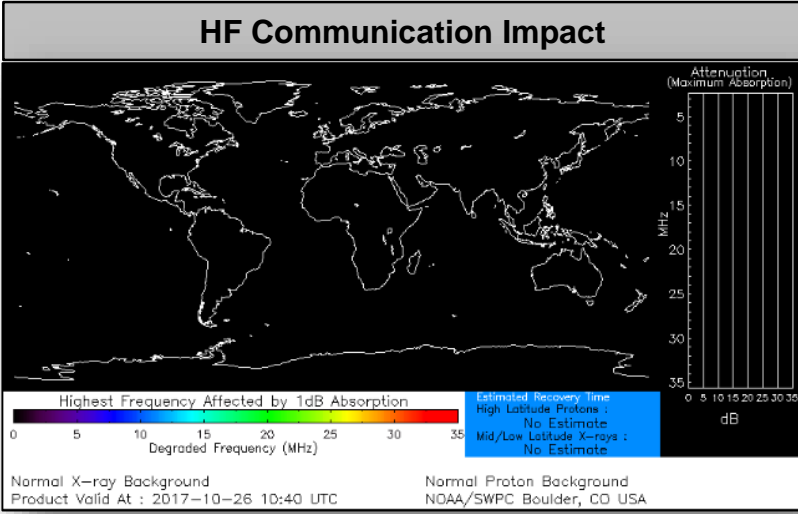
# Space Weather



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|               | Space Weather Activity | Geomagnetic Storms | Solar Radiation | Radio Blackouts |
|---------------|------------------------|--------------------|-----------------|-----------------|
| Past 24 Hours | Minor                  | G1                 | None            | None            |
| Next 24 Hours | Moderate               | G2                 | None            | None            |

For further information on NOAA Space Weather Scales refer to <http://www.swpc.noaa.gov/noaa-scales-explanation>



# Disaster Requests & Declarations



FEMA

| Declaration Requests in Process                          |    |    |    |                 | Requests APPROVED<br>(since last report) | Requests DENIED<br>(since last report) |
|--|----|----|----|-----------------|--|--|
| 5  | IA | PA | HM | Date Requested  | 0  | 0                                      |
| NY – DR (Expedited) Flooding                             | X  | X  | X  | July 6, 2017    |  |  |
| ND – DR Severe Storm                                     |    | X  | X  | August 24, 2017 |  |  |
| KS – DR Severe Storms, Straight-line Winds, and Flooding |    | X  | X  | August 31, 2017 |  |  |
| IL – DR Severe Storms and Flooding                       | X  |    | X  | August 31, 2017 |  |  |
| NY – DR Severe Storms, Tornadoes, and Flooding           | X  | X  | X  | August 31, 2017 |  |  |







# FEMA Readiness – Activation Teams



| Resource  | Status | Total | Status        | Activated Team | Activation Level   | Activation Times          | Reason/Comments              |
|-----------|--------|-------|---------------|----------------|--------------------|---------------------------|------------------------------|
| NWC       |        | 5     | Steady State  |                |                    |                           |                              |
| NRCC      |        | 2     | Activated     | Gold           | Modified Level III | 8:00 a.m. - 6:00 p.m. EDT | Tropical Activity – Atlantic |
| HLT       |        | 1     | Activated     |                |                    |                           | Hurricane Season             |
| RWCs/MOCs |        | 10    | Steady State  |                |                    |                           |                              |
| RRCCs     |        | 10    | Not Activated |                |                    |                           |                              |

Back-up Region: V & VII



# FEMA

**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.**