

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**

**Friday, October 20, 2017**

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

# Significant Activity – Oct 19 - 20



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## **Significant Events:**

- Response and recovery – Harvey, Irma, Maria; CA Wildfires

## **Tropical Activity:**

- Atlantic – No tropical cyclones expected next 5 days
- Eastern Pacific – No tropical cyclones expected next 5 days
- Central Pacific – No tropical cyclones expected next 5 days
- Western Pacific – Tropical Depression 27W

## **Significant Weather:**

- Elevated fire weather areas – CA, ND, SD, CO, NE, WY & MT
- Red Flag Warnings – MT, WY, SD
- Space Weather: past 24 hours: none; next 24 hours: none

**Earthquake Activity:** No significant activity

**Declaration Activity:** None

# Tropical Outlook – 5 Day



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***Central Pacific***



***Eastern Pacific***



***Atlantic***

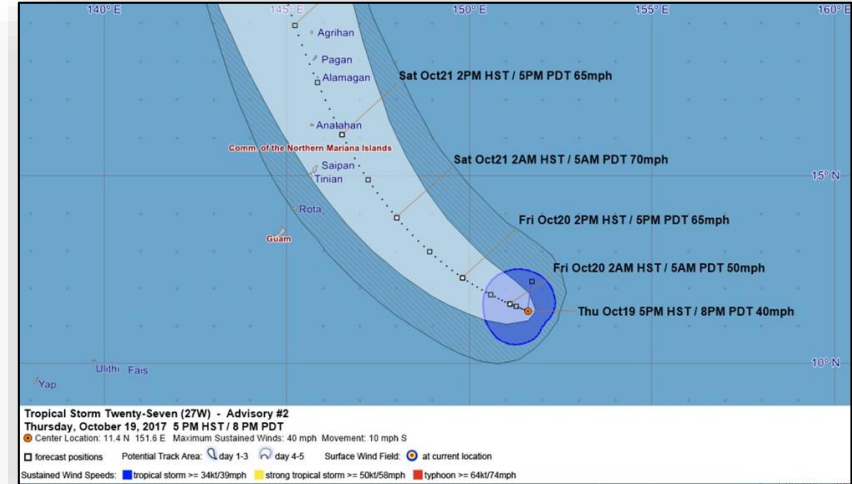
# Tropical Outlook – Western Pacific



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## Tropical Depression (27W) (Advisory #2 as of 5:00 a.m. EDT)

- Located 470 miles SE of Saipan, Commonwealth of Northern Mariana Islands (CNMI)
- Moving SE at 10 mph
- Maximum sustained winds 40 mph
- On this forecast track, center is expected to pass 70 miles NW of Saipan on Sat afternoon EDT as a severe tropical storm
- Watches and Warnings are in affect for Tinian and Saipan



# PR/USVI Update



## Puerto Rico

- Shelters: 94 (-10) shelters open with 4,346 (-356) occupants
- Disaster Assistance Registrations: 749k

## Power Outages / Restoration

- 21.6% (+2.5) of customers with power restored
- 25.4% of transmission lines energized; 36.5% substations energized
- PREPA estimating 95% to be restored by December 15

## Communications:

- 28.8% of cell towers operational; 61% of population lives in area where wireless coverage is available for voice and text messages

## Health & Medical

- 64 of 67 hospitals open; 43 on power grid, 21 on generator power
- 2 Federal Medical Stations operational

## Guajataca Dam

- Water has stopped flowing over spillway; reservoir pool is 4 feet below spillway; there is no longer any seepage noted under spillway slabs

## FEMA Response

- NRCC: Modified Level III (day shift, 8:00 am - 6:00 pm EDT)
- National IMAT East-1 & 2, & Region III IMAT deployed to PR
- FEMA Region II & X IMATs: deployed to USVI
- MERS teams deployed to both USVI & PR

## U.S. Virgin Islands

- Shelters: 5 shelters open with 327 (+18) occupants
- Disaster Assistance Registrations: 14.5k

## Power Outages / Restoration

- Customers receiving power from grid: St. Thomas: 29% St. Croix: 1.6%; St. John: no grid power, restoration expected in 2-3 weeks
- WAPA estimates 90% of USVI to be restored by late December

## Communications:

- 47.9% (+3.3) cell towers operational; 88% of population lives in area where wireless coverage is available for voice and text

## Health & Medical

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

# High Risk Focus Areas



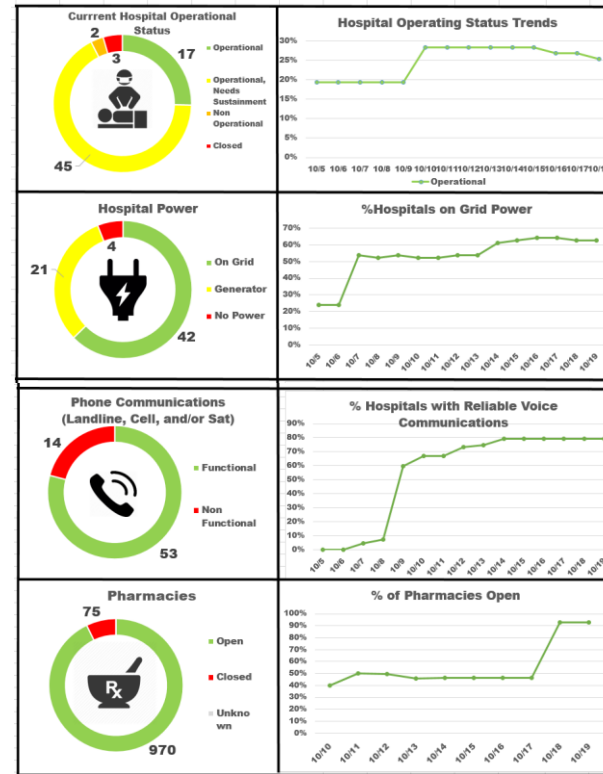
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## Guajataca Dam

- A **High Risk Dam** before the hurricanes
- Water level down over 3'
- Water level currently below the spillway
- Focused Activities:
  - Reinforcing the spillway
  - Lowering the water level to allow assessment

## El Yunque Tower

- Maintains 911 connectivity for the eastern 1/3rd of Puerto Rico
- Assessing for solar back-up
- Roadway is damaged and unstable
- Aerial Refueling as a stop-gap
- Expedited contract award underway



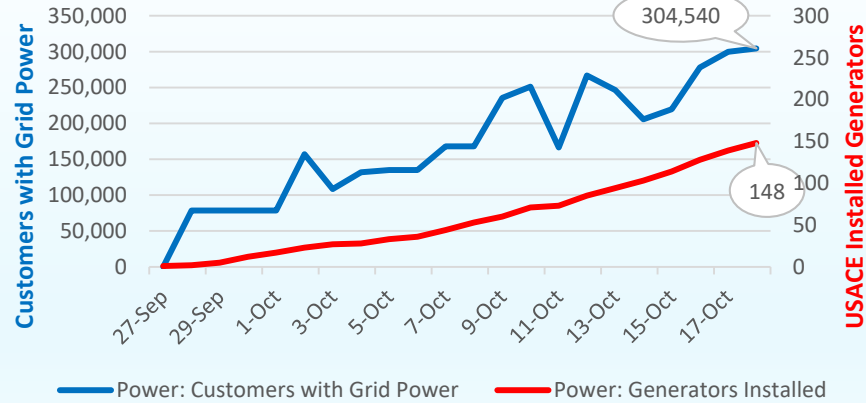
### Notes:

Significant increase in open pharmacies due to new pharmacy claims data

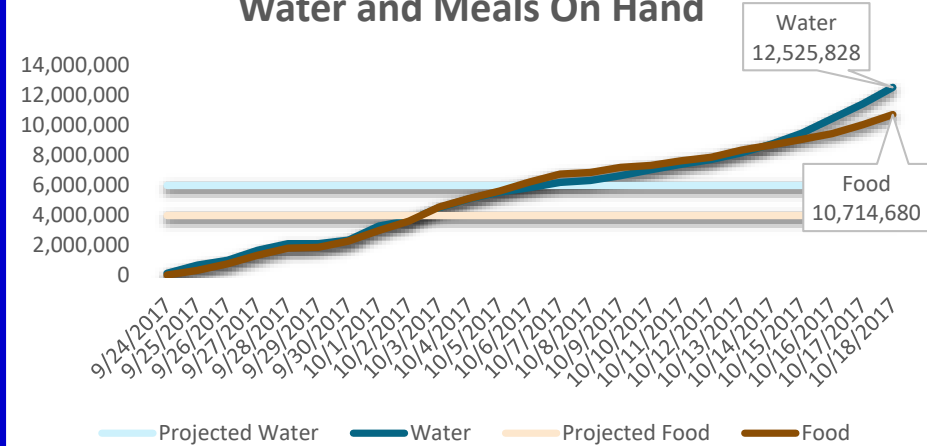
"Closed" hospitals have officially closed by PRDOH. Non Operational hospitals haven't been formally closed but are evacuating and/or addressing serious operational issues.

Counts include hospitals that are closed or are non operational.

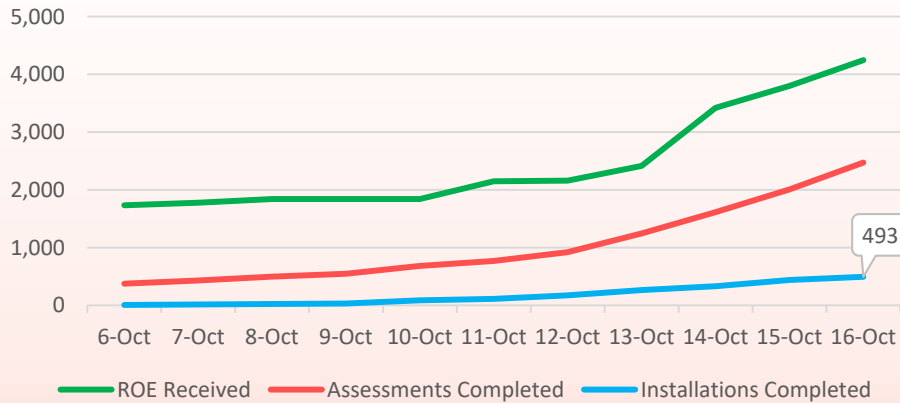
## Power Restoration



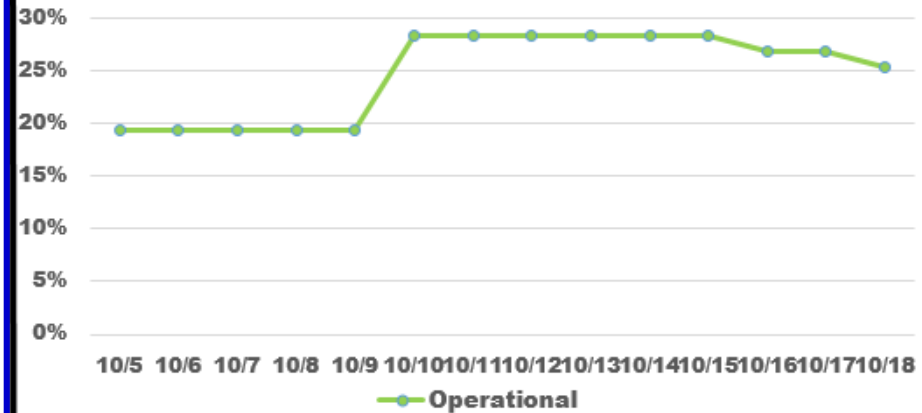
## Water and Meals On Hand



## USACE Blue Roofing



## Hospital Operating Status Trends





# Wildfire Summary



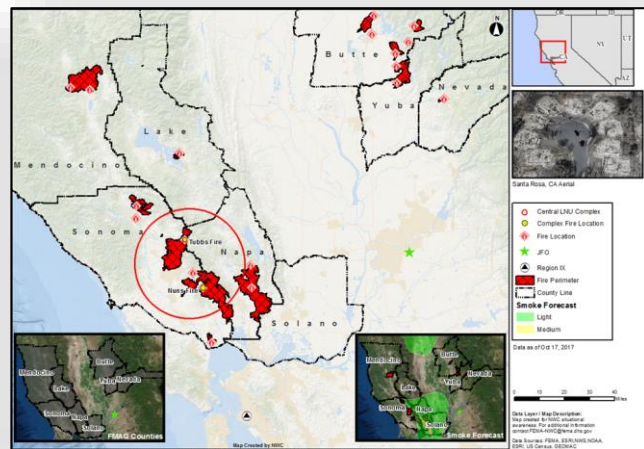
| Complex                            | Fire Name<br>(County)    | FMAG #<br>(Approved Date)       | Acres<br>Burned     | Percent<br>Contained | Evacuations | Structures       |                          |                               | Fatalities<br>/ Injuries |
|------------------------------------|--------------------------|---------------------------------|---------------------|----------------------|-------------|------------------|--------------------------|-------------------------------|--------------------------|
|                                    |                          |                                 |                     |                      |             | Threatened       | Damaged                  | Destroyed                     |                          |
| California                         |                          |                                 |                     |                      |             |                  |                          |                               |                          |
| *Central LNU<br>Complex<br>(FINAL) | Tubbs<br>(Sonoma / Napa) | 5215-FM-CA<br>(October 9, 2017) | 107,407<br>(+2,327) | 83%<br>(+10)         | Mandatory   | 155<br>(5 homes) | 381 (+51)<br>(291 homes) | 6,492 (+701)<br>(5,094 homes) | 24 / 0                   |
|                                    | Nuns<br>(Sonoma)         | 5220-FM-CA<br>(October 9, 2017) |                     |                      |             |                  |                          |                               |                          |

## Situation:

- High pressure gas lines, hydroelectric infrastructure, water supplies, and communication infrastructures threatened, damaged, or destroyed
- Commercial and agricultural vineyards are threatened, damaged or destroyed

## Response:

- Major Disaster Declaration FEMA-4344-DR-CA
- Region IX RRCC: not activated; RWC at Steady State (24/7)
- Region IX IMAT-1 deployed to CA EOC
- Bothell & Denver MERS deployed to CA
- Public Health Emergency declared by Secretary of HHS
- CA EOC at Full Activation
- 14 (-3) ARC and independent shelters open with 743 (-84) occupants statewide (ARC Midnight Shelter Count as of 5:20 am EDT)

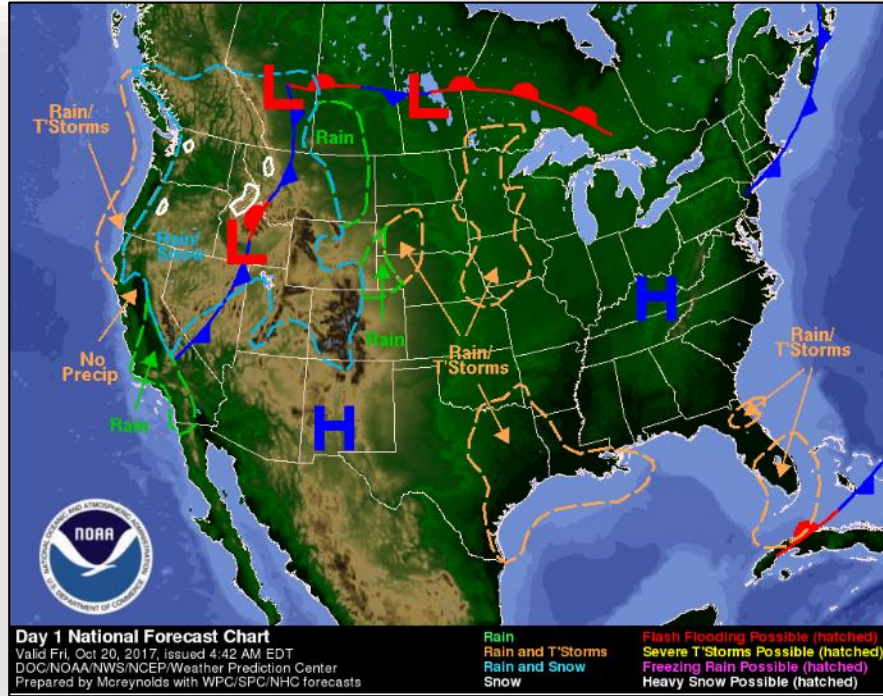


**\*Note:** Complex fires may contain fires that have not received FMAGs; reduction in acreage is due to more accurate fire perimeters and continued changes to individual fires within the complex; some fires are moving out of one complex and into another

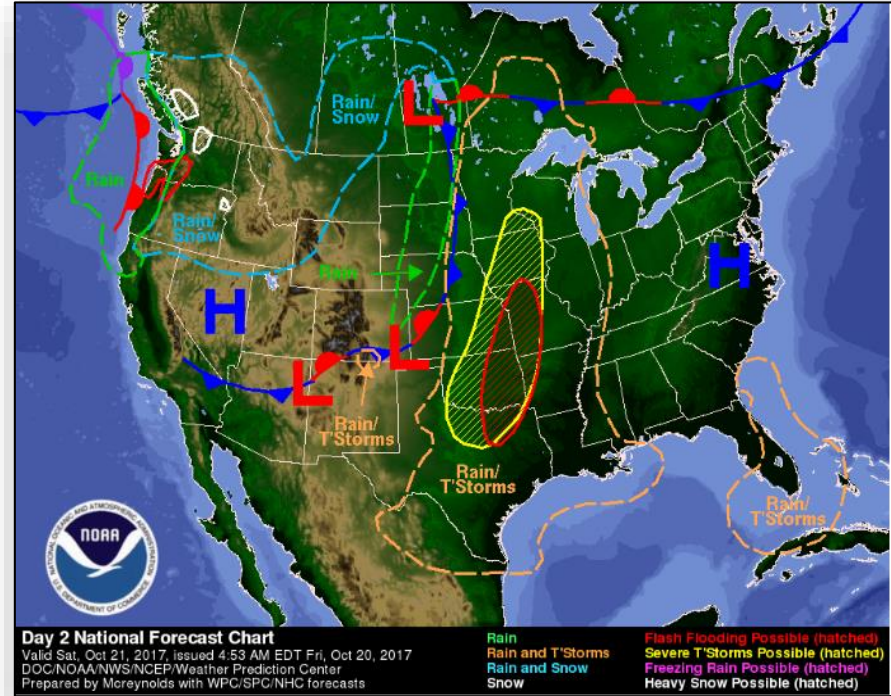
# National Weather Forecast



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*Today*

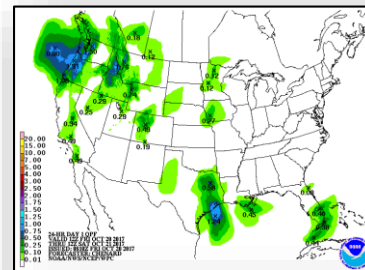
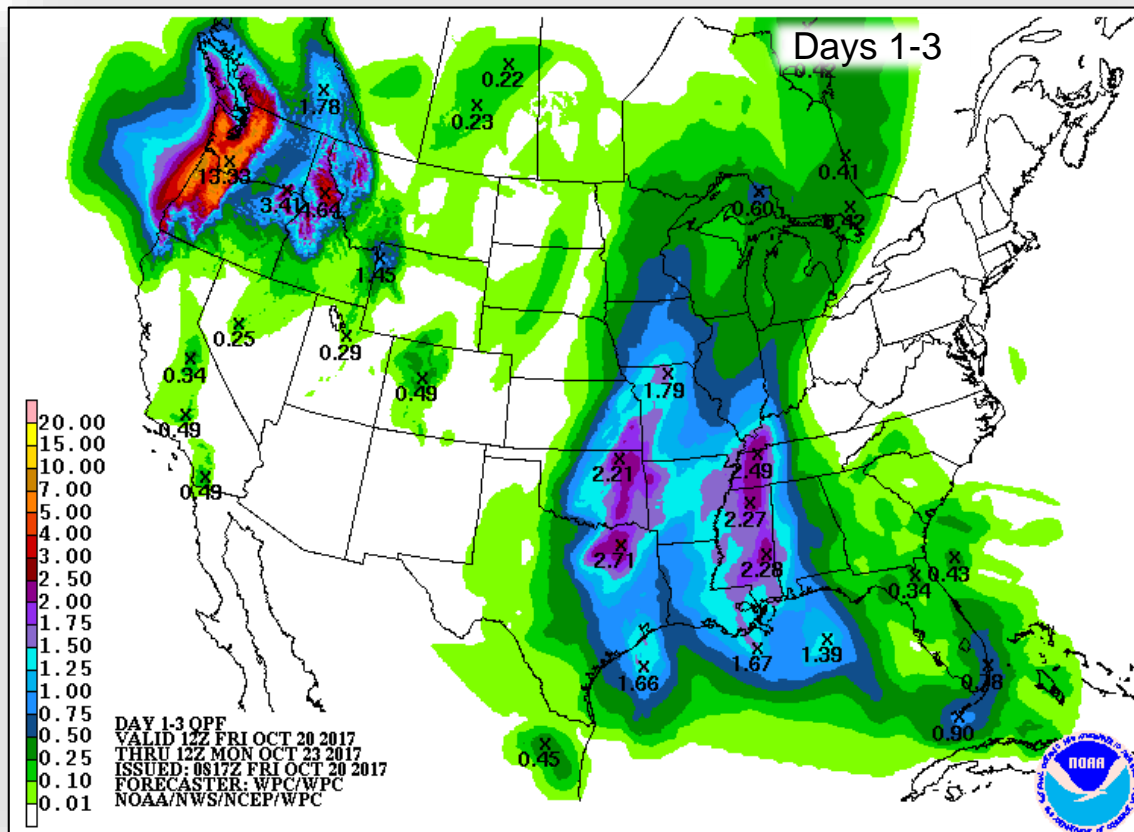


*Tomorrow*

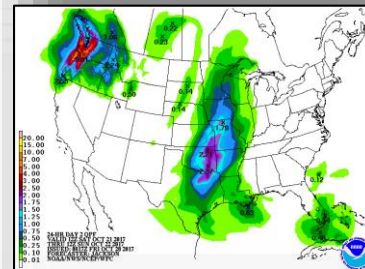
# Precipitation Forecast



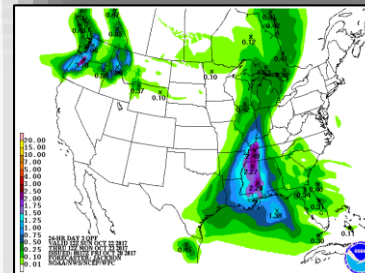
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Day 1

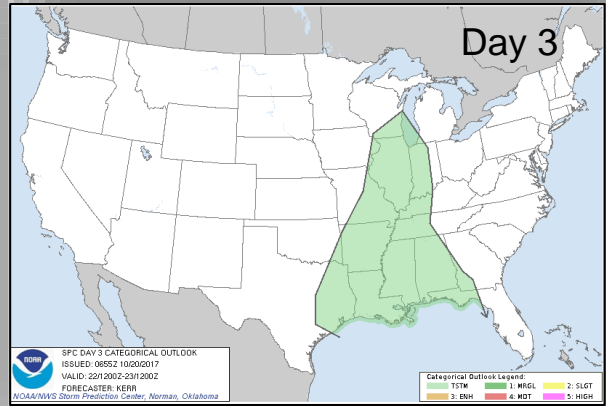
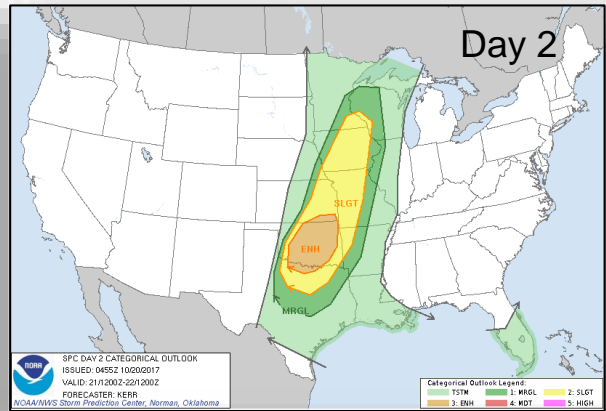
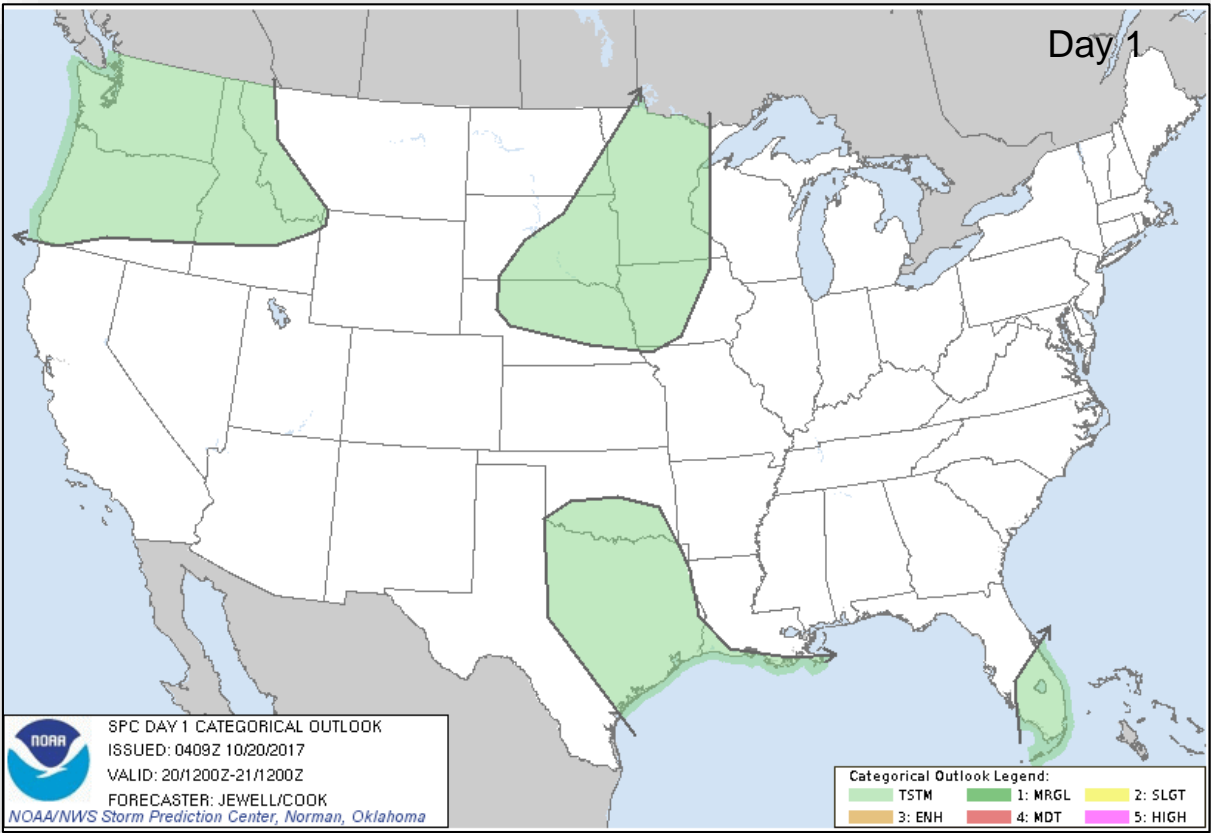


Day 2



Day 3

# Severe Weather Outlook – Days 1-3





# Forecast Snowfall



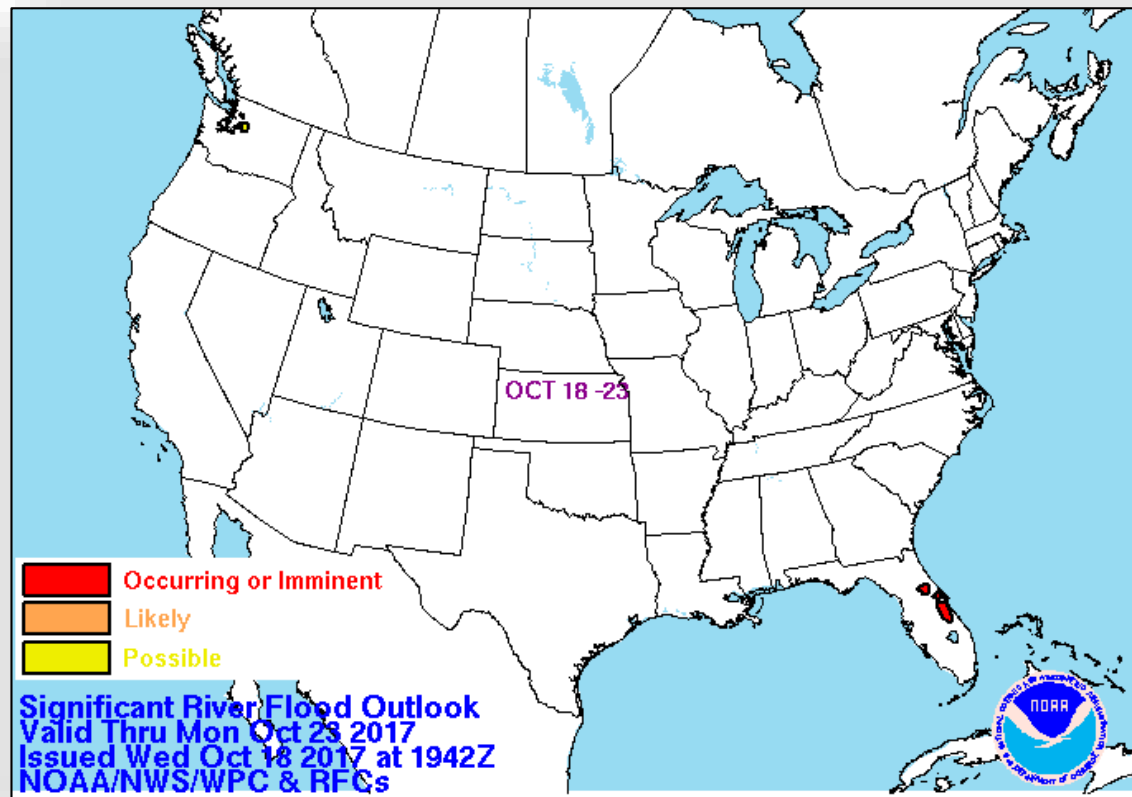
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# National River Flood Outlook



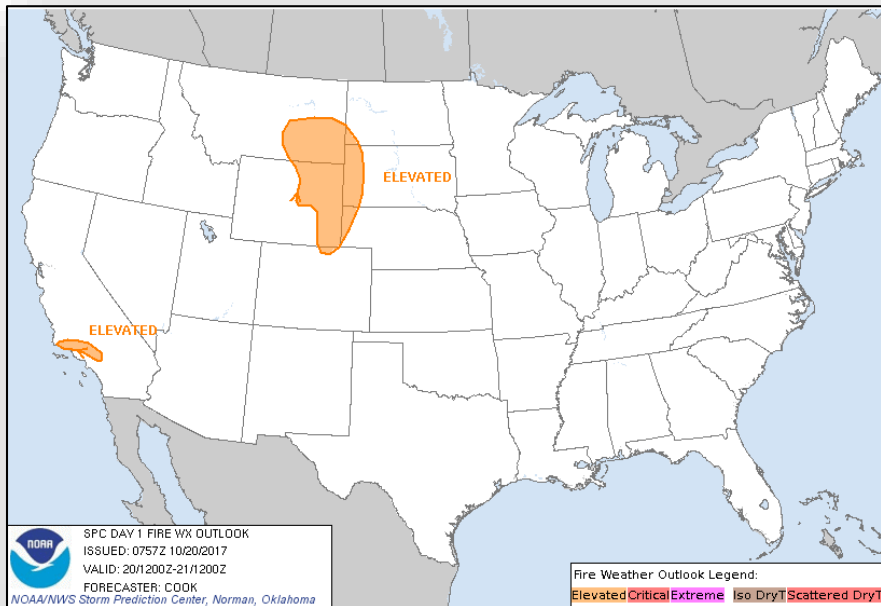
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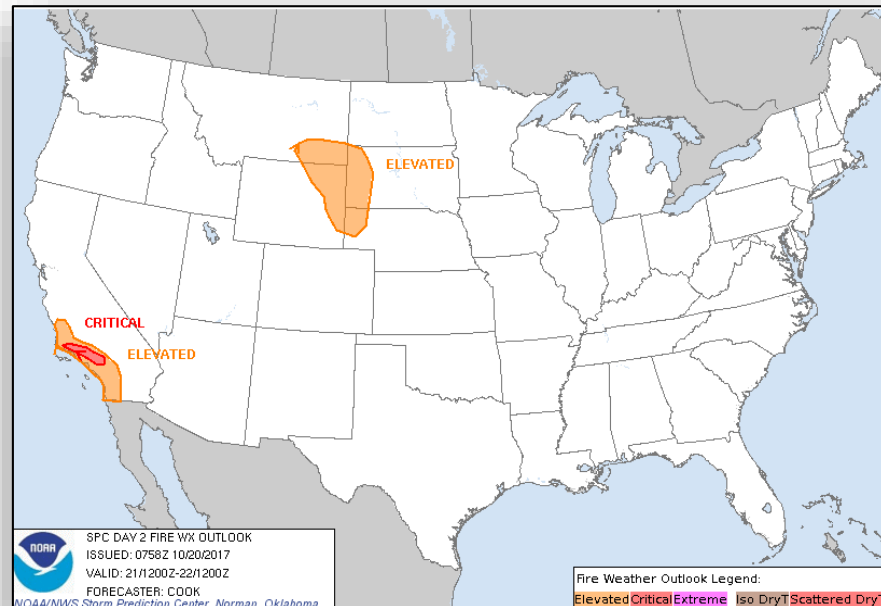
# Fire Weather Outlook



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*Today*

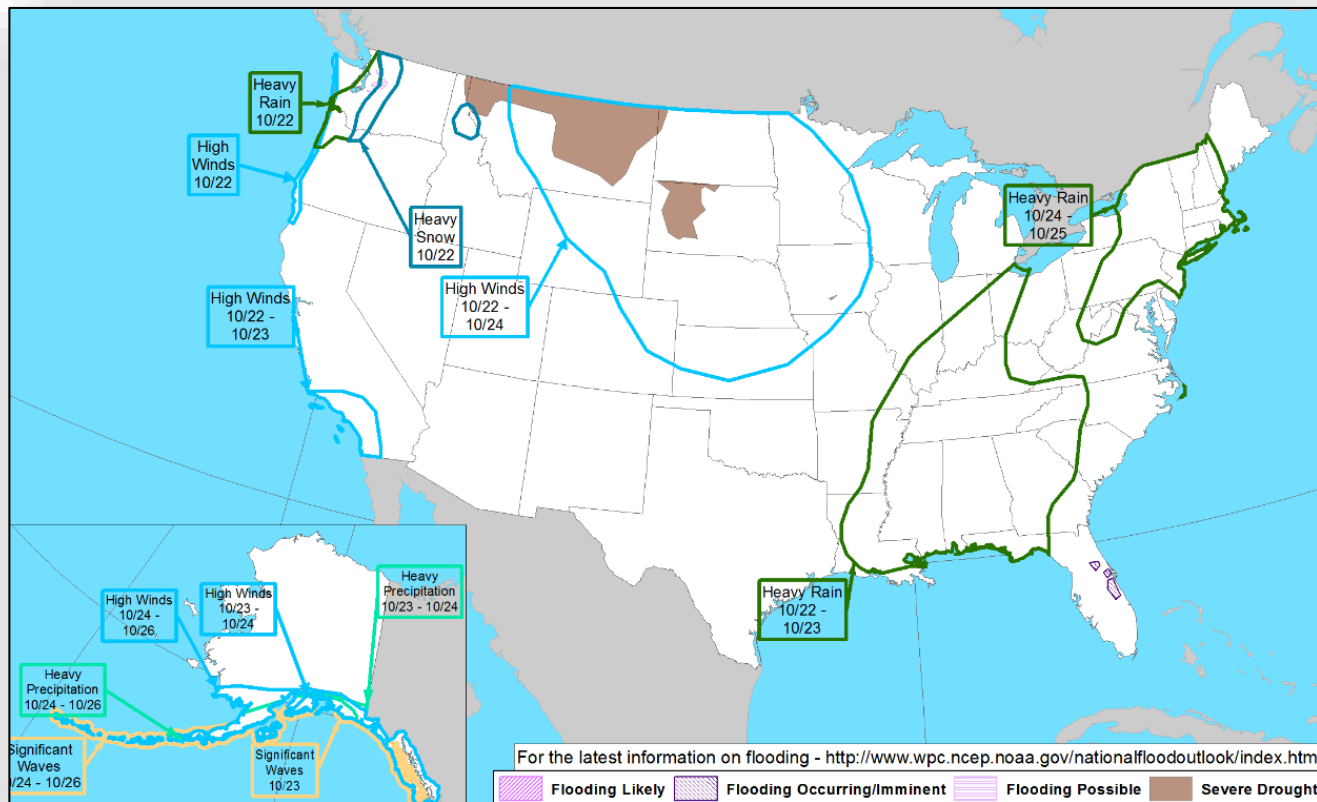


*Tomorrow*

# Hazards Outlook – Oct 21-25



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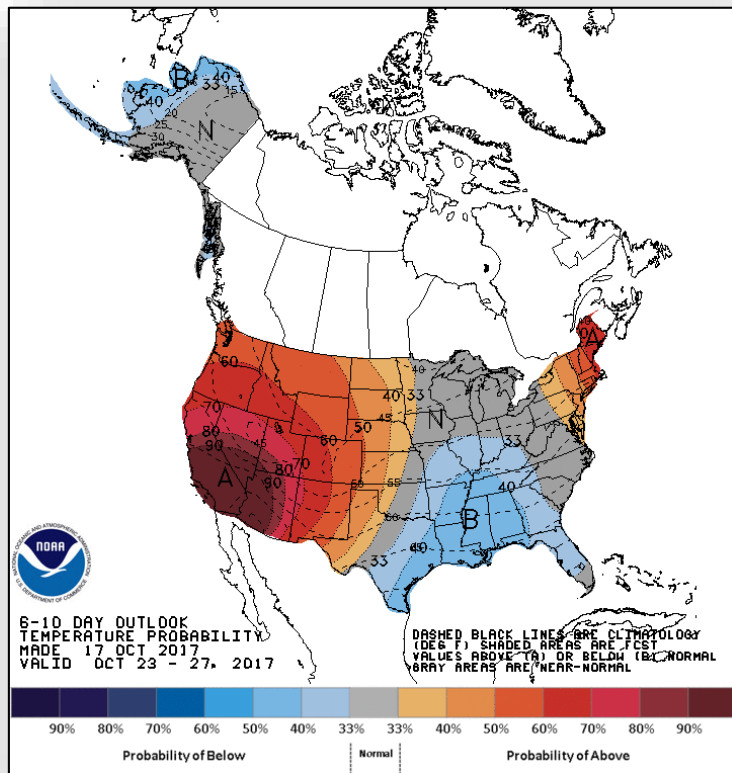




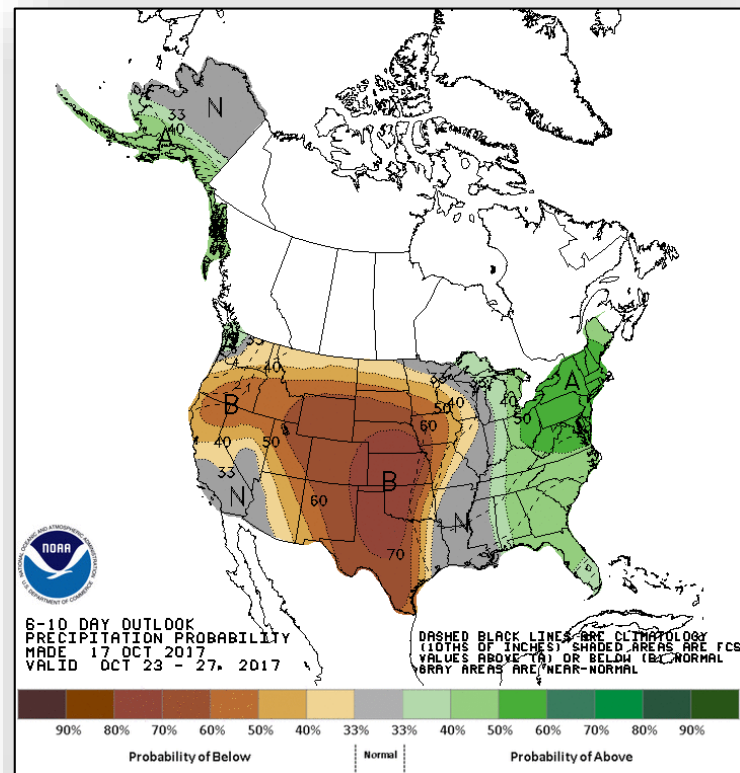
# 6-10 Day Outlooks



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**6-10 Day Temperature Probability**



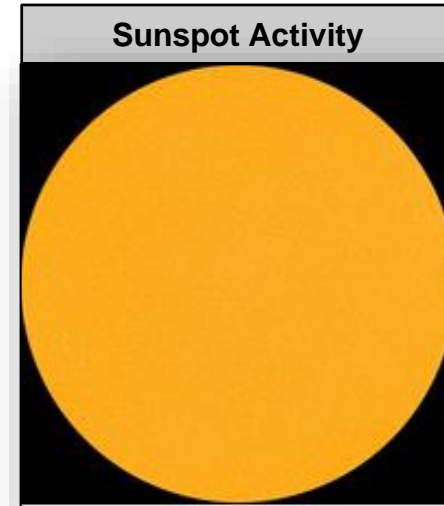
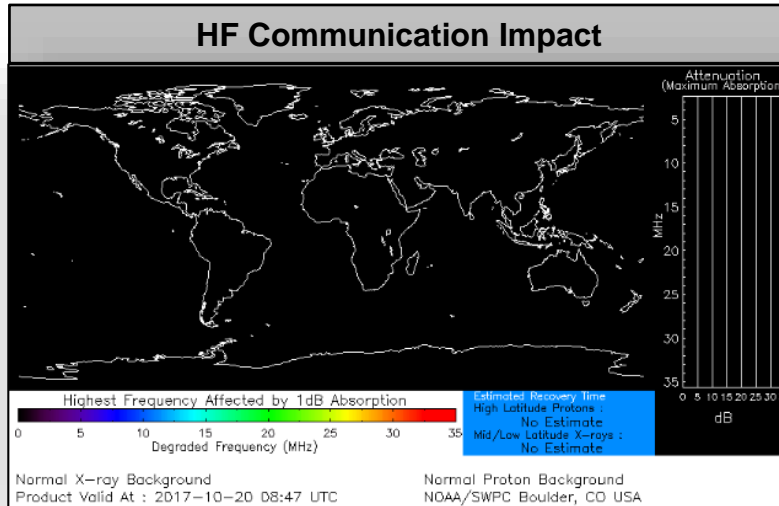
**6-10 Day Precipitation Probability**

# Space Weather



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|   | Space Weather Activity | Geomagnetic Storms | Solar Radiation | Radio Blackouts |
|---|------------------------|--------------------|-----------------|-----------------|
| Past 24 Hours   | None                   | None               | None            | None            |
| Next 24 Hours   | None                   | None               | None            | None            |
| For further information on NOAA Space Weather Scales refer to <a href="http://www.swpc.noaa.gov/noaa-scales-explanation">http://www.swpc.noaa.gov/noaa-scales-explanation</a> |                        |                    |                 |                 |



# Disaster Requests & Declarations



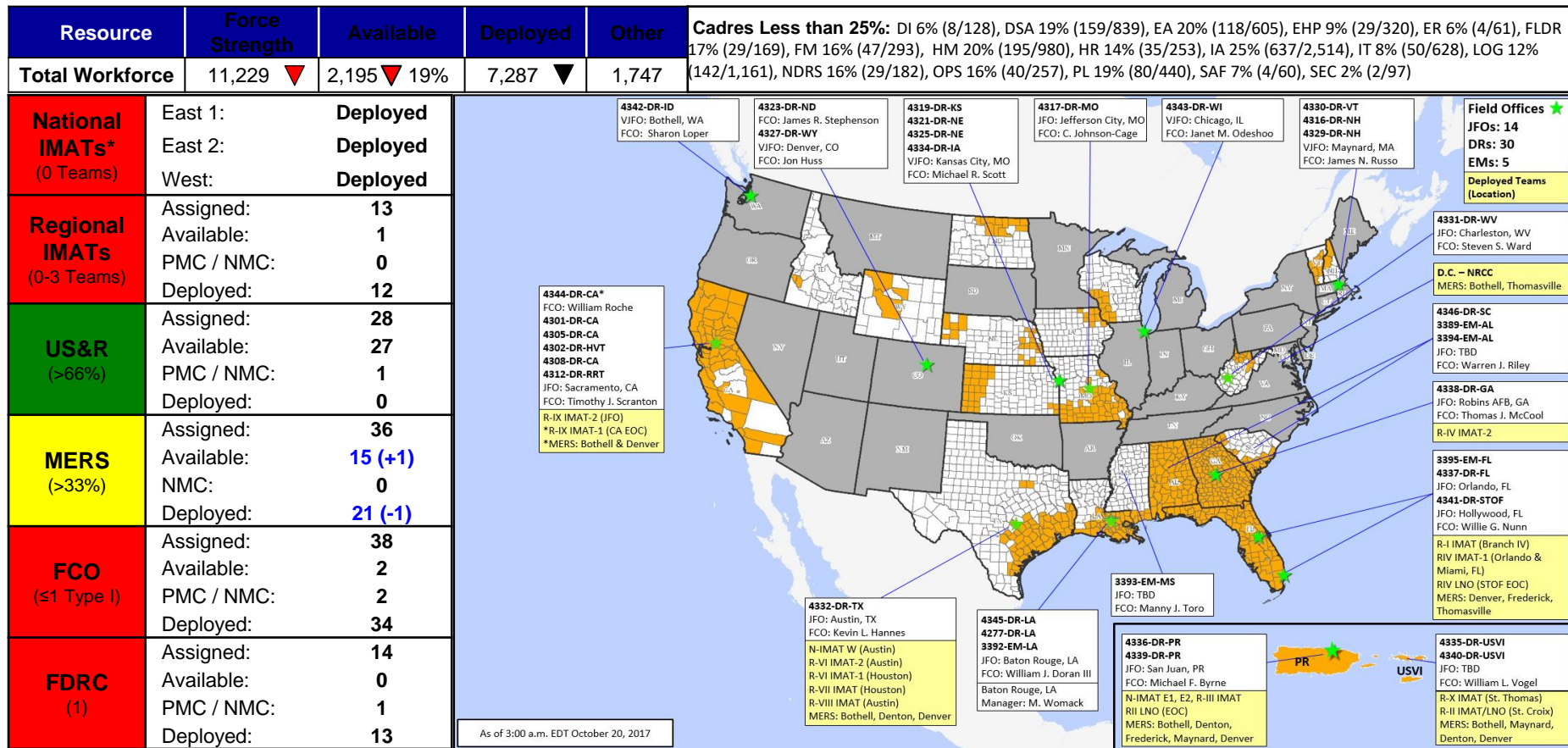
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| Declaration Requests in Process                          |    |    |    |                 | Requests<br>APPROVED<br>(since last report) | Requests<br>DENIED<br>(since last report) |
|--|----|----|----|-----------------|---|---|
| 5  | IA | PA | HM | 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 |   |   |

# Readiness – Deployable Teams and Assets



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\*B-2 Status: Assemble ≤ 2-hrs, On Site ≤ 18-hrs; B-48 Status: Assemble and deploy ≤ 48hrs; Charlie Status: No team assemble time requirement

# FEMA Readiness – Activation Teams



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

Back-up Region: V, III & I



# 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.**