



# **FEMA**

## **Daily Operations Briefing**

**Friday, September 29, 2017**

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

# Significant Activity – Sep 28-29



**Significant Events:** Response for Hurricane Maria

**Tropical Activity:**

- Atlantic – Tropical Storm Maria; Hurricane Lee (CAT 1); Disturbance 1; Disturbance 2
- Eastern Pacific – Disturbance 1
- Central Pacific – No tropical cyclones expected next 5 days
- Western Pacific – No activity affecting U.S. interests

**Significant Weather:**

- Space Weather: Past 24 hours: Strong – Geomagnetic storms reaching G3 have occurred; Next 24 hours: Minor – Geomagnetic storms reaching G1 expected

**Earthquake Activity:** None

**Declaration Activity:**

- Major Disaster Declaration Request for South Carolina
- Amendment No. 4 to FEMA-4338-DR-GA
- Amendment No. 5 to FEMA-4335-DR-VI
- Amendment No. 1 to FEMA-4339-DR-PR

# Tropical Outlook – Atlantic



## Tropical Storm Maria (Advisory #53 as of 5:00 a.m. EDT)

- Located 350 miles NNE of Bermuda
- Moving E at 21 mph
- Maximum sustained winds 60 mph
- No coastal Watches/Warnings in effect

## Hurricane Lee (CAT 1) (Advisory #45 as of 5:00 a.m. EDT)

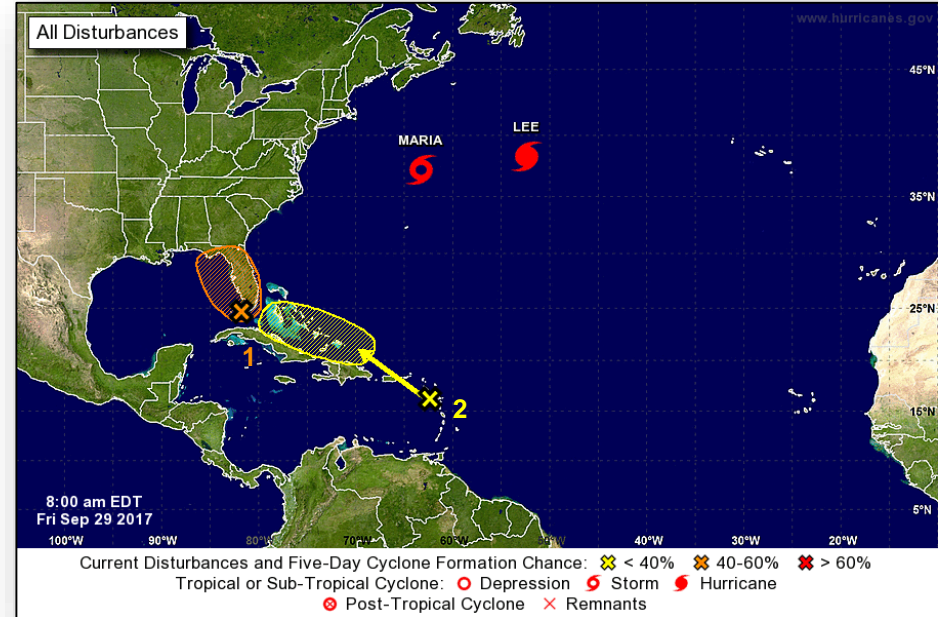
- Located 810 miles NE of Bermuda
- Moving NE at 25 mph
- Maximum sustained winds 75 mph
- No coastal Watches/Warnings in effect

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

- A large area of cloudiness and showers
- Regardless of development, this system is likely to produce locally heavy rainfall over portions of Cuba, southern Florida, the Florida Keys, and the Bahamas during the next several days
- Formation chance through 48 hours: Medium (40%)
- Formation chance through 5 days: Medium (40%)

## Disturbance 2 (As of 8:00 a.m. EDT)

- Located over the northeastern Caribbean
- Some development possible next week
- Formation chance through 48 hours: Low (near 0%)
- Formation chance through 5 days: Low (20%)

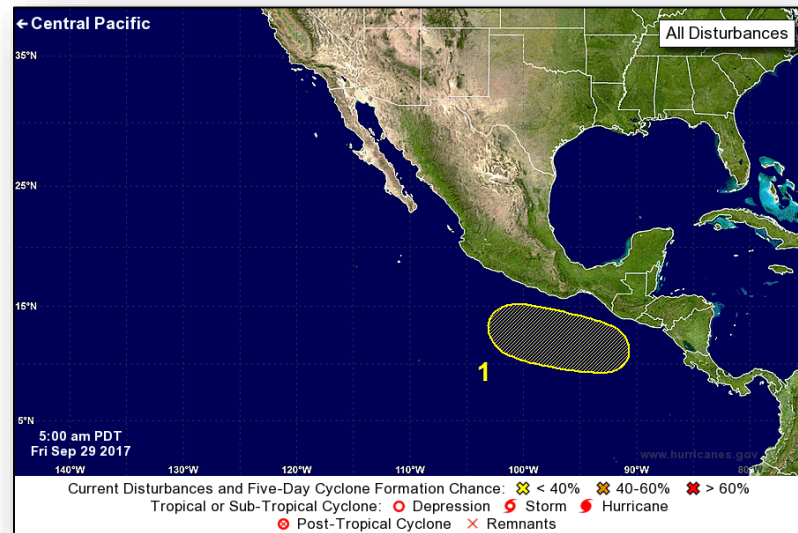


# Tropical Outlook – Eastern Pacific

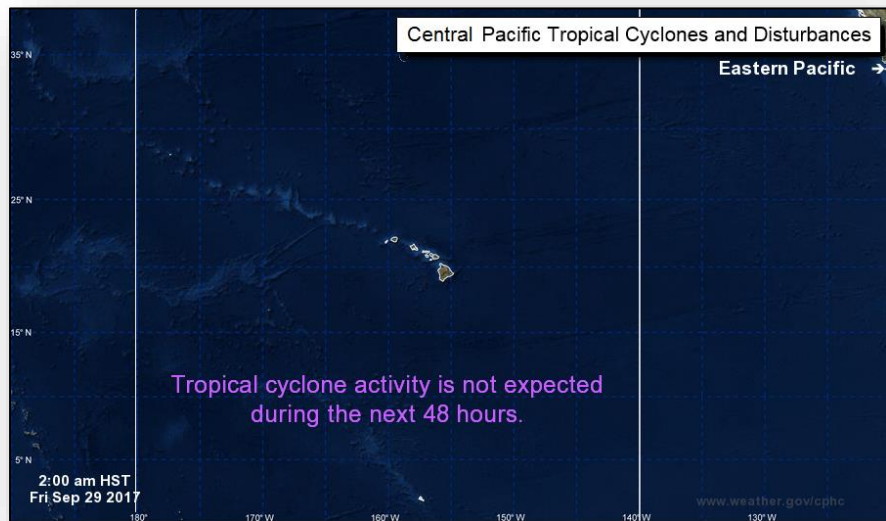


## Disturbance 1 (As of 8:00 a.m. EDT)

- Located a few hundred miles south of the Gulf of Tehuantepec
- Conditions expected to be conducive for gradual development
- Formation chance through 48 hours: Low (near 0%)
- Formation chance through 5 days: Low (20%)



# Tropical Outlook – Central Pacific



***Next 48 Hours***



***Next 5 days***

# Hurricane Maria – Caribbean



## Current Situation

Life safety and life sustainment efforts in PR and the USVI are ongoing

- **Shelters** (*Senior Leadership Brief as of 5:00 a.m. EDT*):
  - **USVI:** 7 with 389 (-7) occupants
  - **PR:** 162 (+2) with 11,375 (+1,261) occupants
- **Health and Medical:** 62 of 69 HHS/DoD hospital assessments are complete; 1 hospital fully operational, 56 partially; 5 closed
- Developed fuel rotation plan for PR to ensure hospitals have continuous power; Delivered fuel to 19 hospitals, 29 in distribution status
- **Airports:**
  - **PR:** San Juan operating limited domestic flights; 10 additional airports open with restrictions
  - **USVI:** Limited commercial air operations into St. Thomas began Sep 28; inter-island commercial flights scheduled to resume Oct 1; St. Croix airport scheduled to receive commercial flights Oct 5
- **Search & Rescue:**
  - Lives saved or assisted: FEMA US&R 843; USCG 15;
  - FEMA US&R teams have searched 2,647 structures, 154 were damaged, 163 failed and 123 destroyed
  - US&R teams visited all 78 municipalities
- **Communications:**
  - **PR:** 6% of island with cell service; Public Service Answering Point generator is failing, switched to back-up site after fuel delivery received
  - **USVI:** 34% cell phone coverage;
  - MERS teams are on the ground across St Thomas, St Croix, and St John
- **Power:** 90% of damage assessments completed in PR; 80% of overhead transmission lines damaged; underground lines mostly unaffected
  - PREPA considering other industry or USACE to provide additional damage assessment support
- **Generators:**
  - **PR:** 52 of 64 preinstall inspections complete; 55 generators available on hand, 27 en route; estimated 18 days of fuel on the island, distribution remains a challenge due to debris
  - **USVI:** 15 generators installed (Three in progress); 112 of 138 pre-installation inspections complete
- **Water:** Nine of 52 PR Aqueduct and Sewer Authority wastewater treatment plants are operational, 19 are non-operational; EPA continuing to assess the remaining 24
- **Government offices/schools:**
  - **PR:** 58 of 68 government buildings closed
  - **USVI:** 15 of 19 government buildings closed; planning to re-open public schools on Oct 9
- **Shipping:** DHS waived the Jones Act shipping restrictions for a 10-day period starting Sep 28; non-US built ships now allowed to transport passengers and cargo

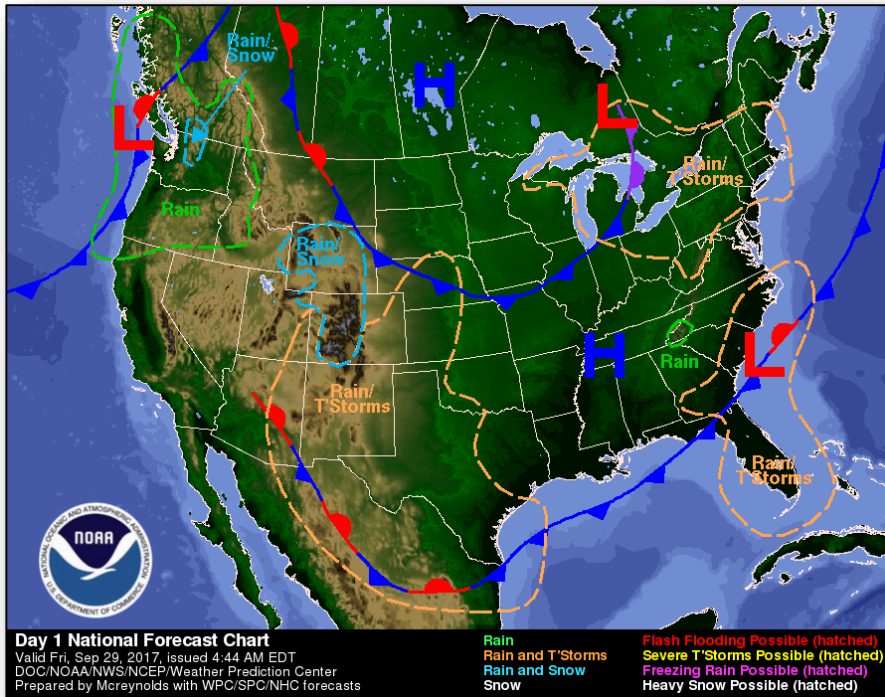
## FEMA Response

- NRCC: Level I (24/7); NWC: Steady State
- National IMAT East-2: PR
- FEMA Region X IMAT: USVI
- FEMA Region II; RRCC: Not Activated; RWC: Steady State
  - IMATs: deployed to USVI and PR
- US&R: PR: Red IST, CA-TF2/6/7, NY-TF1 and IN-TF1

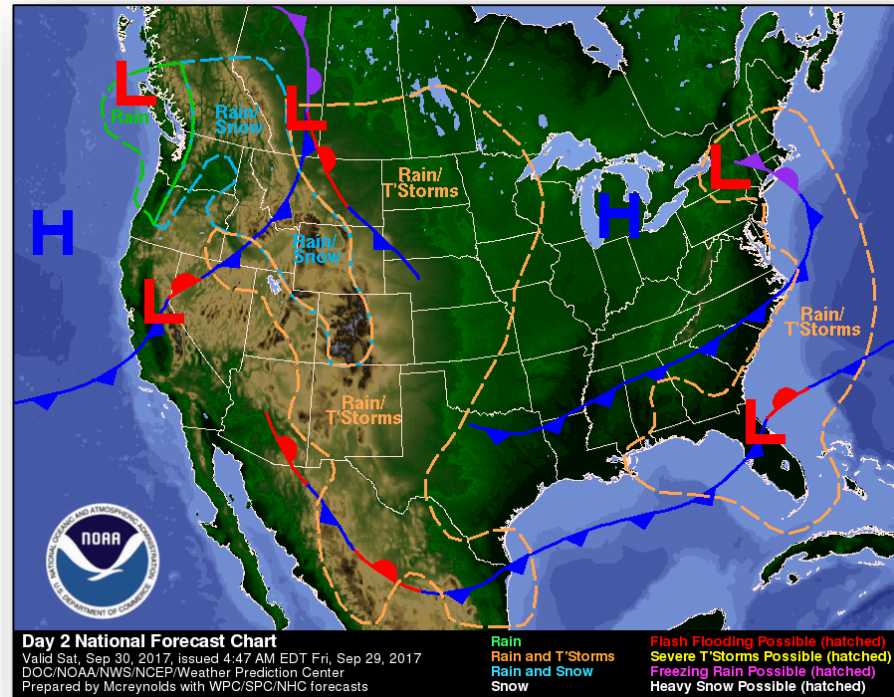
# National Weather Forecast



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*Today*

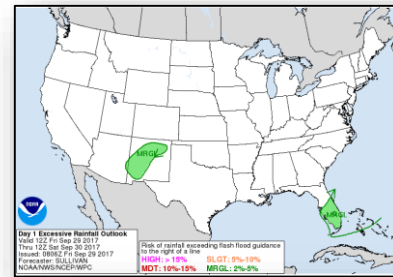
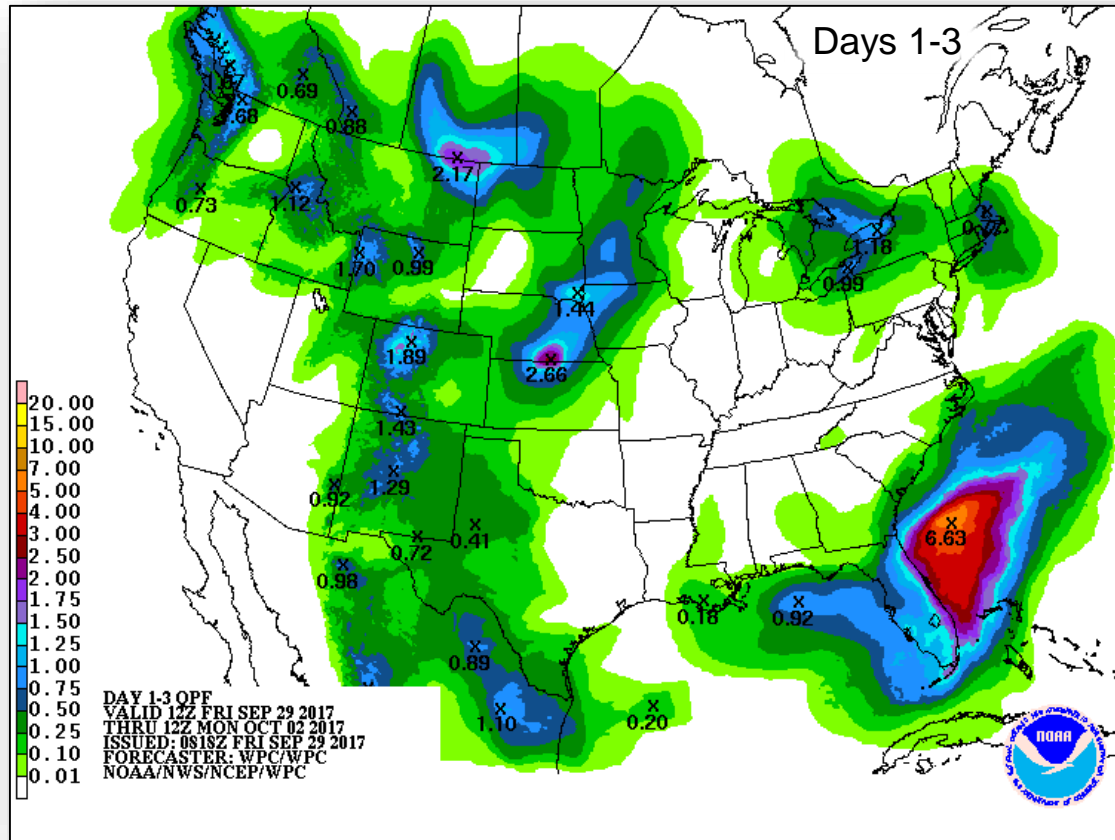


*Tomorrow*

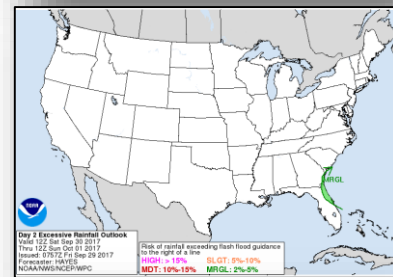
# Precipitation Forecast & Flash Flood Risk



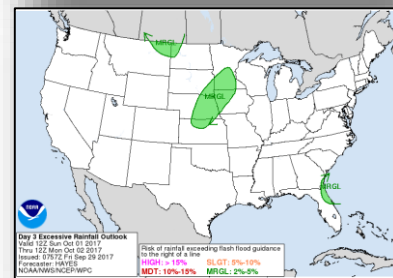
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Day 1



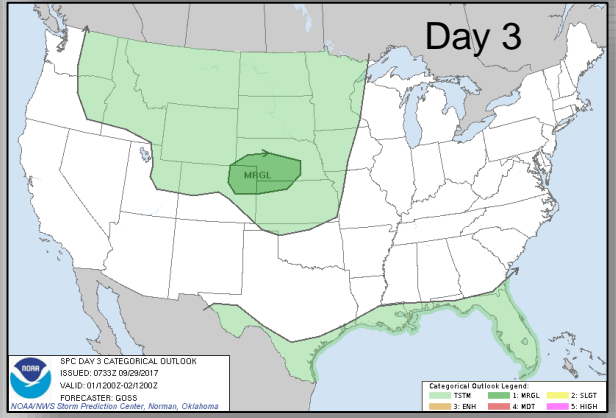
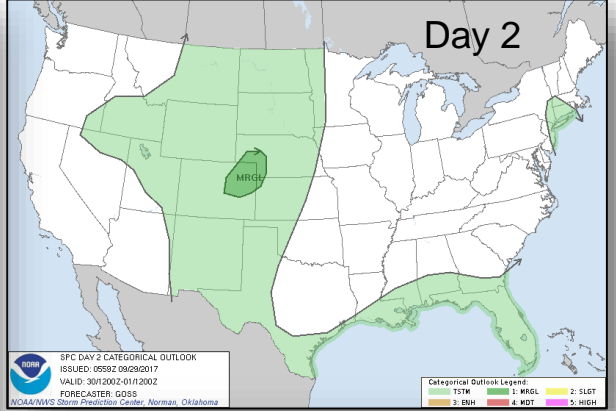
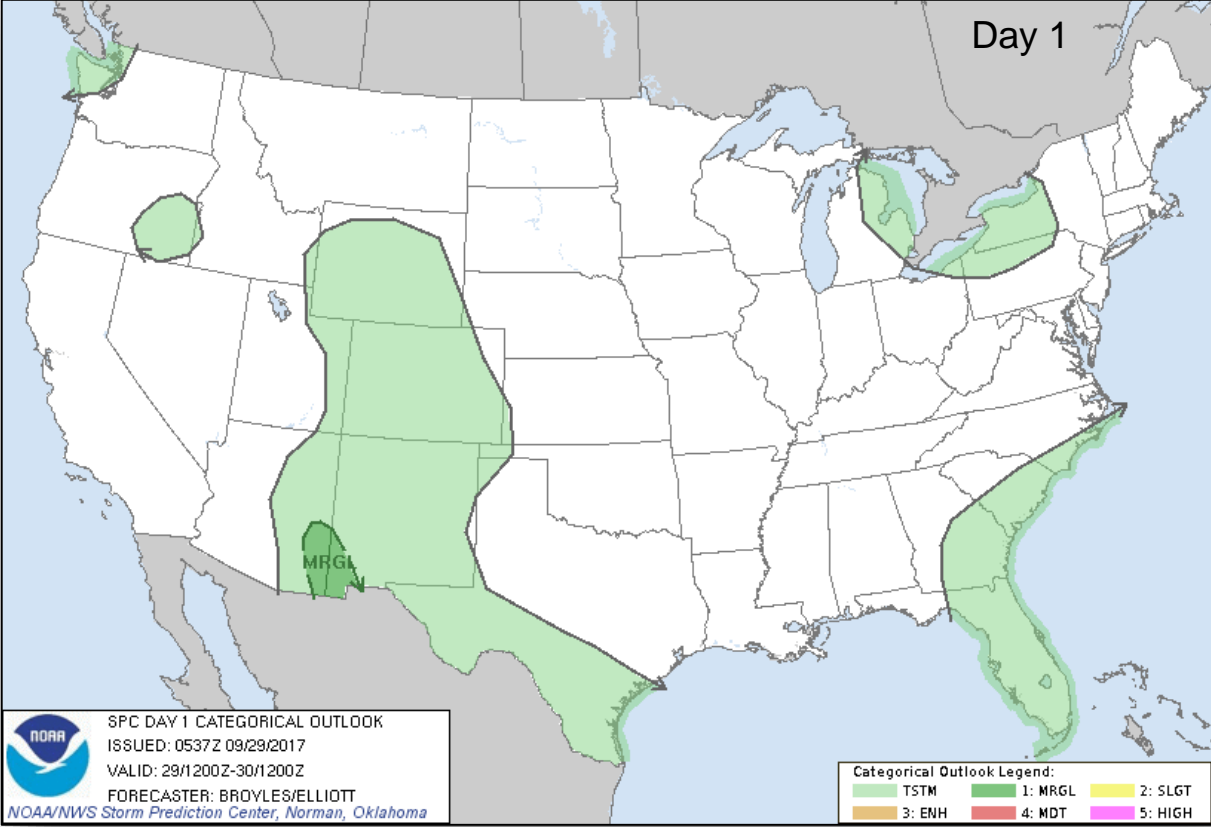
Day 2



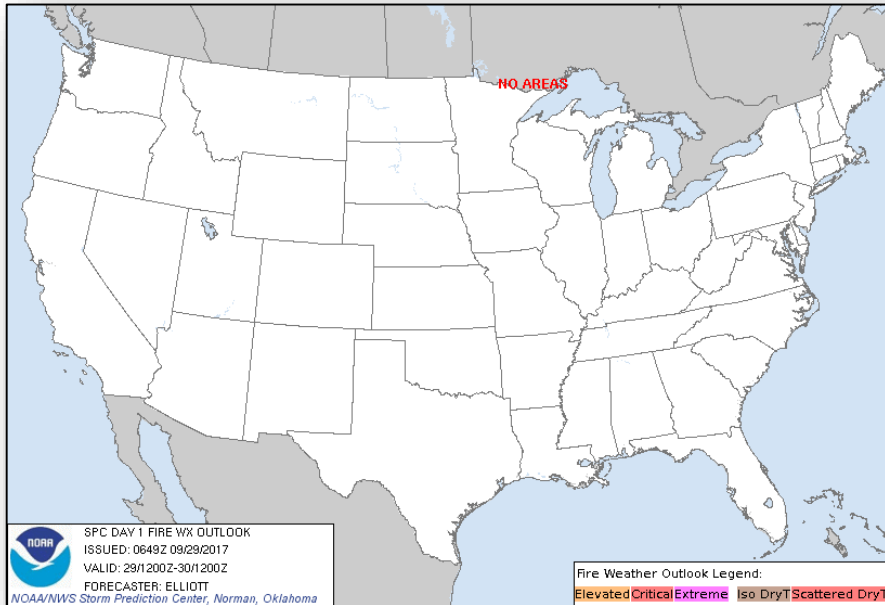
Day 3



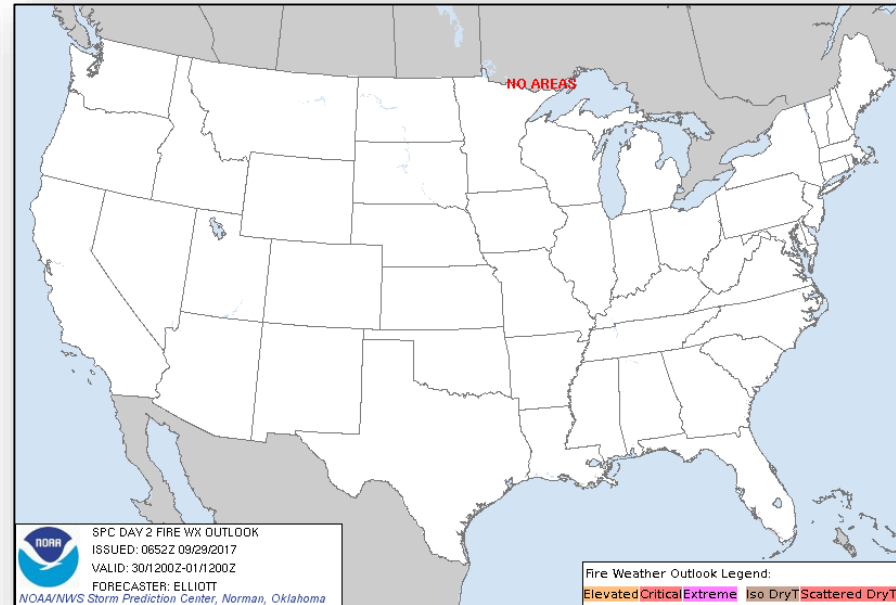
# Severe Weather Outlook – Days 1-3



# Fire Weather Outlook



**Today**

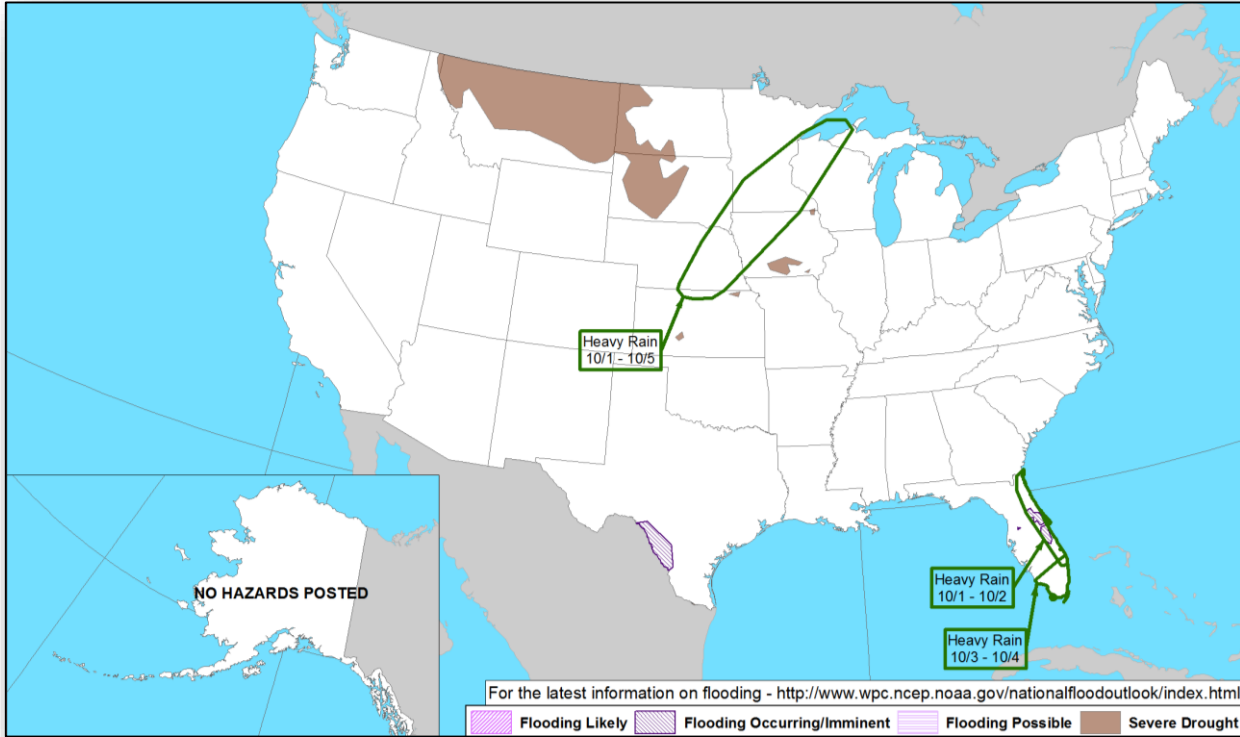


**Tomorrow**

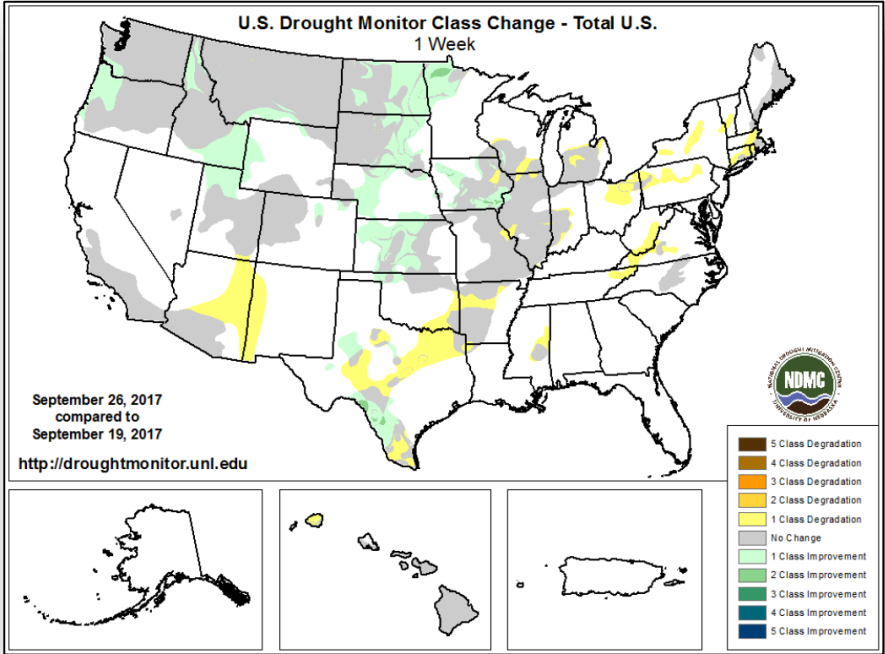
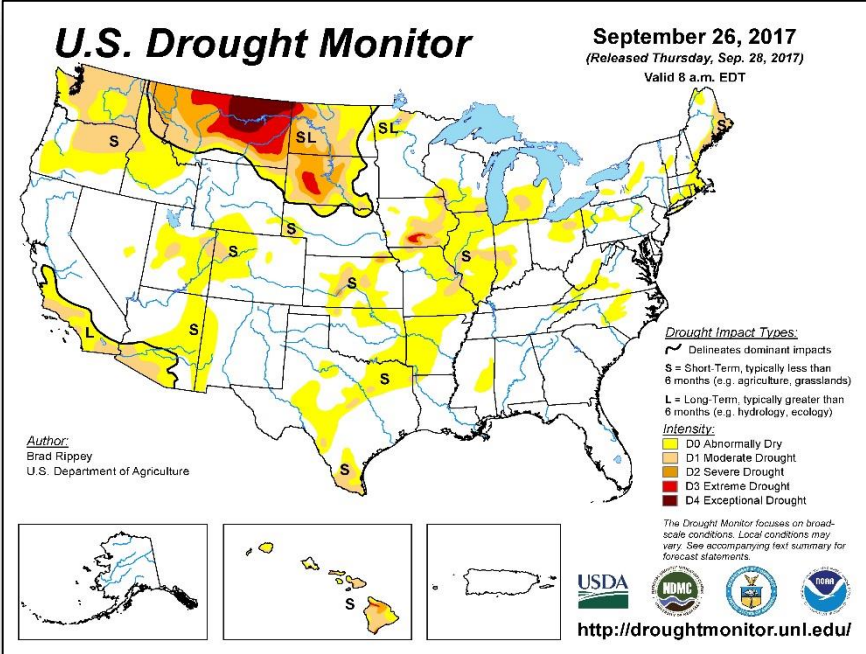
# Hazards Outlook – Oct 01-05



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# U.S. Drought Monitor



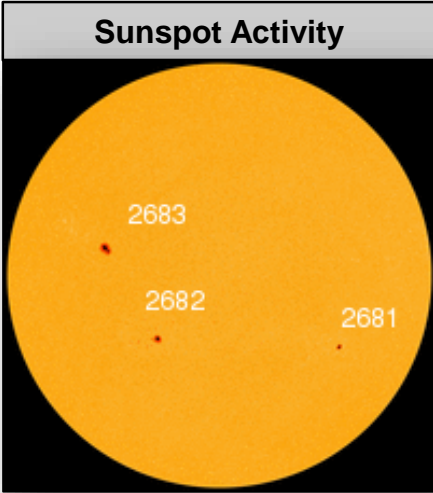
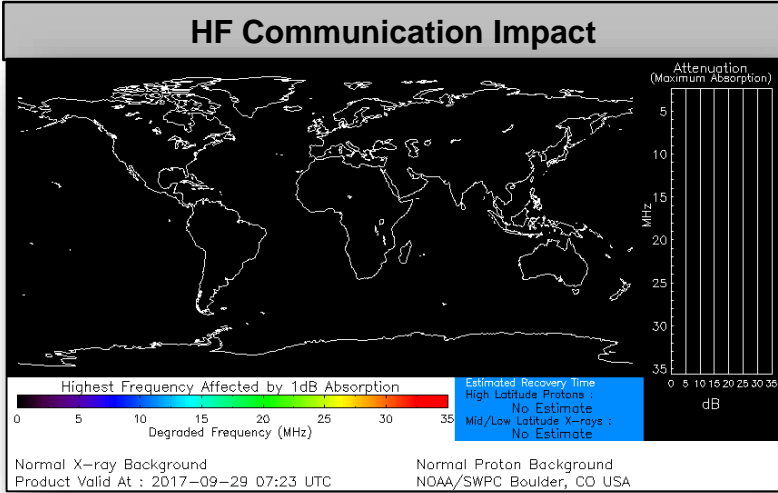
# Space Weather



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|               | Space Weather Activity | Geomagnetic Storms | Solar Radiation | Radio Blackouts |
|---------------|------------------------|--------------------|-----------------|-----------------|
| Past 24 Hours | Strong                 | G3                 | None            | None            |
| Next 24 Hours | Minor                  | G1                 | None            | None            |

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

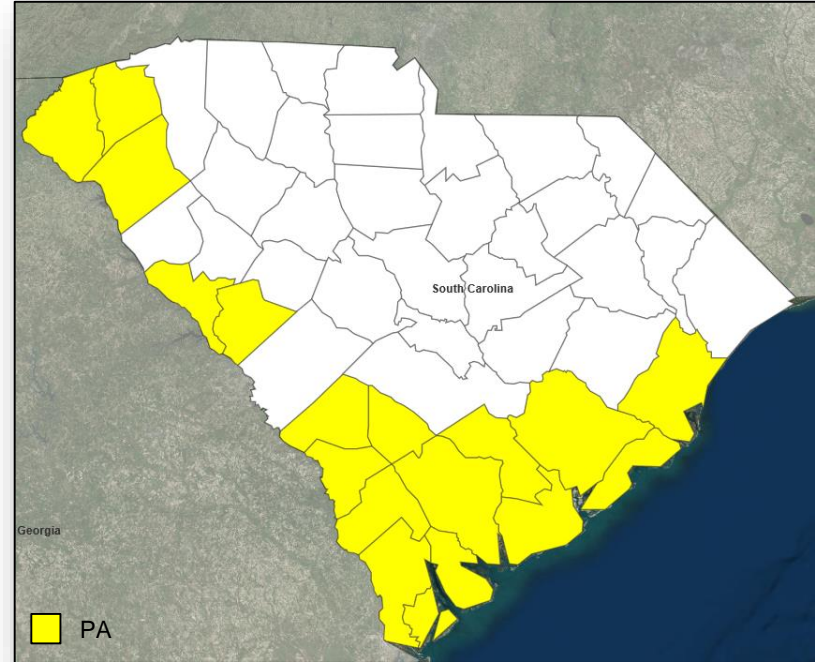


# Declaration Request



## **South Carolina**

- Governor requested a Major Disaster Declaration on September 27, 2017
- For Hurricane Irma that occurred September 6 and continuing
- Requesting:
  - Public Assistance for 16 counties
  - Hazard Mitigation statewide



# Disaster Requests & Declarations



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| Declaration Requests in Process   |    |    |    |                    | Requests APPROVED<br>(since last report) | Requests DENIED<br>(since last report) |
|---|----|----|----|--------------------|--|--|
| <b>10</b>   | IA | PA | HM | Date Requested     | <b>0</b>                                 | <b>0</b>                               |
| NY – DR (Expedited) Flooding  | X  | X  | X  | July 6, 2017       |  |  |
| ID – DR Flooding  |    | X  | X  | July 20, 2017      |  |  |
| ND – DR Drought   | X  | X  | X  | August 7, 2017     |  |  |
| WI – DR Severe Storms, Straight-line Winds, Flooding, Landslides, Mudslides |    | X  | X  | August 23, 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    |  |  |
| LA – DR Hurricane Harvey  | X  | X  | X  | September 26, 2017 |  |  |
| SC – DR Hurricane Irma  |    | X  | X  | September 27, 2017 |  |  |

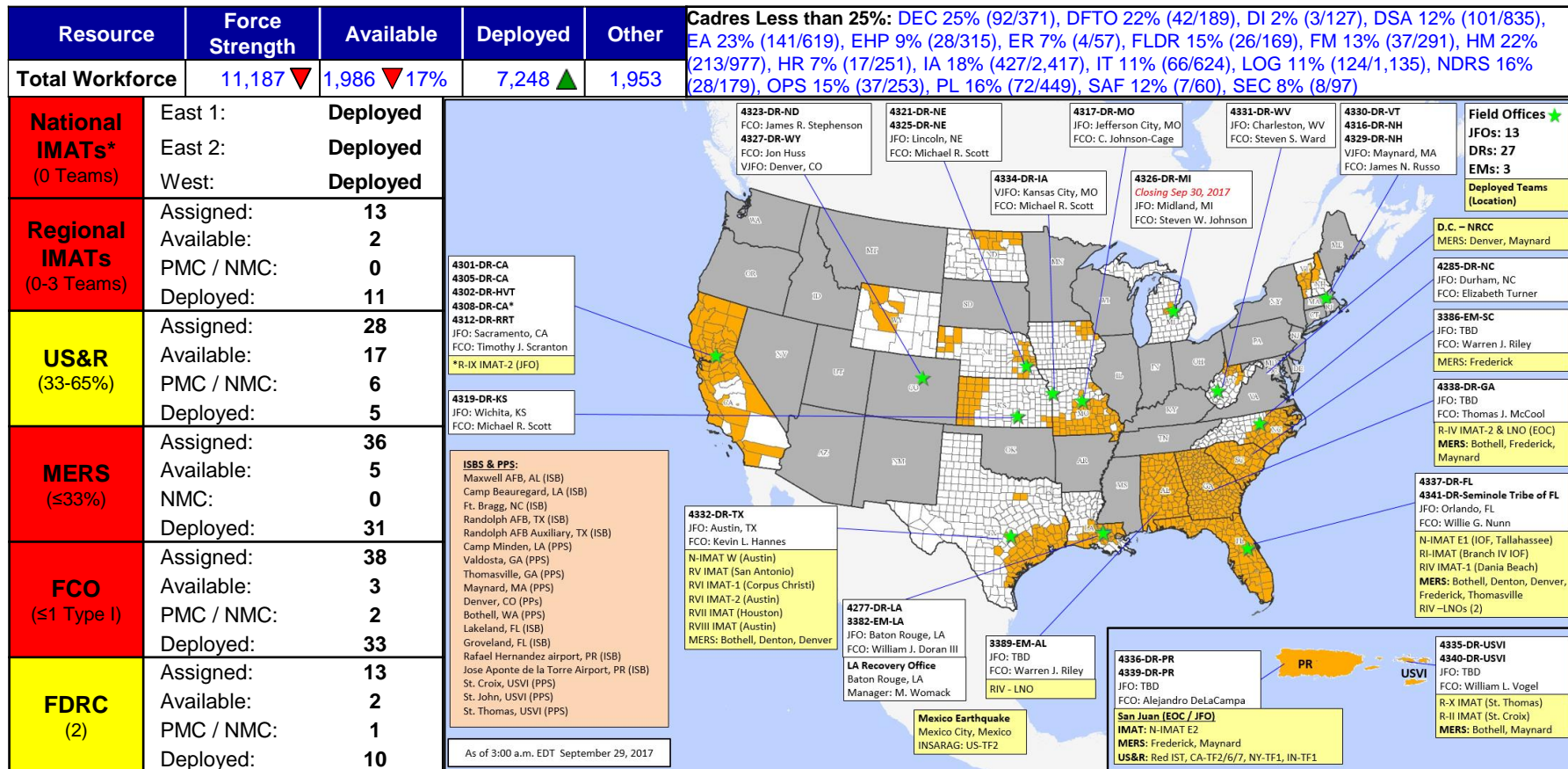
# Disaster Amendments



| Amendment                          | Effective Date     | Action  |
|------------------------------------|--------------------|---|
| Amendment No. 4 to FEMA-4338-DR-GA | September 28, 2017 | Adds Public Assistance for 102 counties         |
| Amendment No. 5 to FEMA-4335-DR-VI | September 28, 2017 | Authorizes 100% federal cost share for 180 days |
| Amendment No. 1 to FEMA-4339-DR-PR | September 28, 2017 | Authorizes 100% federal cost share for 180 days |



# Readiness – Deployable Teams and Assets



\*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     | Not Activated |                |                  |                  |                  |
| NRCC      |        | 2     | Activated     | Gold           | Level I          | 24/7             | Hurricane Maria  |
| HLT       |        | 1     | Activated     |                |                  |                  | Hurricane Season |
| RWCs/MOCs |        | 10    | Not Activated |                |                  |                  |                  |
| RRCCs     |        | 10    | Not Activated |                |                  |                  |                  |

Back-up Region: IX, V, & X



# 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.**