



# **FEMA**

## **Daily Operations Briefing**

**Thursday, September 28, 2017**

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

# Significant Activity – Sep 27-28



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**Significant Events:** Response for Hurricane Maria

**Tropical Activity:**

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

**Significant Weather:**

- Flash Flooding – Southern Plains
- Space Weather: Past 24 hours: Strong - Geomagnetic storms reaching G3 have occurred; Next 24 hours: Moderate – Geomagnetic storms reaching G2 expected

**Earthquake Activity:** None

**Declaration Activity:** FEMA-4341-DR-Seminole Tribe of Florida

# Tropical Outlook – Atlantic



## Tropical Storm Maria (Advisory #49 as of 5:00 a.m. EDT)

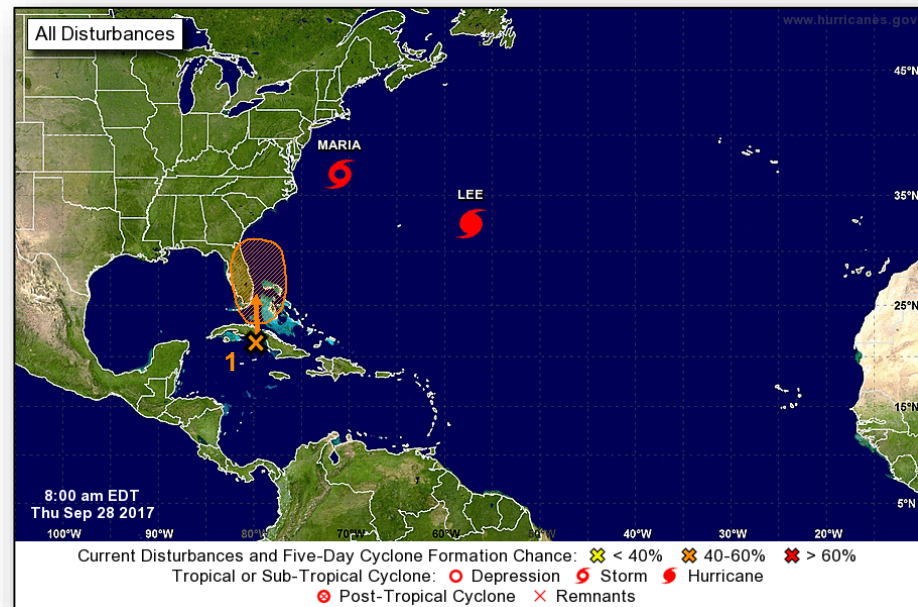
- Located 275 miles ENE of Cape Hatteras, NC
- Moving ENE at 8 mph
- Maximum sustained winds 70 mph
- No coastal Watches/Warnings in effect

## Hurricane Lee (CAT 2) (Advisory #41 as of 5:00 a.m. EDT)

- Located 445 miles E of Bermuda
- Moving N at 9 mph
- Maximum sustained winds 110 mph
- No coastal Watches/Warnings in effect

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

- A large area of cloudiness and showers
- An area of low pressure is likely to form from this weather system while it moves northward across Cuba and near the east coast of the Florida peninsula during the next few days
- 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 48hrs: Low (20%); through 5 days: Medium (40%)



# Tropical Outlook – Eastern & Central Pacific



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***Eastern Pacific 5-Day***



***Central Pacific 5-Day***

# 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 396 (-222) occupants
  - **PR:** 160 (-1) with 10,114 (-60) occupants
- **Health and Medical:** 47 of 69 HHS/DoD hospital assessments are complete and 44 of the 47 assessed are operational
  - 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 open with flow management procedures in place; 8 additional airfields open or open with constraints
  - **USVI:** Closed except for military and hurricane relief
- **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
- **Communications:**
  - **PR:** 91.1% cell sites out of service; Public Service Answering Point generator is failing, back-up site is short on fuel; MERS personnel and equipment arrived September 27
  - **USVI:** 66% of cell sites are out of service; MERS teams are on the ground across St Thomas, St Croix, and St John

- **Power:** 90% of damage assessments completed in PR / 90% transmission damaged
  - PREPA considering other industry or USACE to provide additional damage assessment support
- **Generators:**
  - **PR:** 28 of 51 preinstall inspections complete; 84 generators available on hand, 29 en route; estimated 18 days of fuel on the island, distribution remains a challenge due to debris
  - **USVI:** 13 generators installed (three in progress); 67 of 84 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










## 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










# PR/USVI Weather Forecast












## San Juan PR

Today	Tonight	Friday	Friday Night	Saturday	Saturday Night	Sunday	Sunday Night	Monday
 20%	 30%	 30% → 70%	 60%	 60%	 50%	 50%	 40%	 30%
Isolated T-storms	Scattered T-storms	Scattered T-storms then T-storms Likely	T-storms Likely	T-storms Likely	Chance T-storms	Chance T-storms	Chance T-storms	Chance T-storms
High: 85 °F	Low: 80 °F	High: 85 °F	Low: 80 °F	High: 85 °F	Low: 80 °F	High: 83 °F	Low: 81 °F	High: 85 °F

## Hormigueros PR

Today	Tonight	Friday	Friday Night	Saturday	Saturday Night	Sunday	Sunday Night	Monday
 30%	 30%	 40% → 70%	 60%	 70%	 60%	 60%	 40%	 30%
Scattered T-storms	Scattered T-storms	Scattered T-storms then T-storms Likely	T-storms Likely	T-storms Likely	T-storms Likely	T-storms Likely	Chance T-storms	Chance T-storms
High: 87 °F	Low: 74 °F	High: 86 °F	Low: 76 °F	High: 86 °F	Low: 74 °F	High: 84 °F	Low: 76 °F	High: 85 °F

## St Croix VI

Today	Tonight	Friday	Friday Night	Saturday	Saturday Night	Sunday	Sunday Night	Monday
 20%	 30%	 50%	 50%	 70%	 50%	 50%	 30%	 30%
Isolated T-storms	Scattered T-storms	Scattered T-storms	Chance T-storms	T-storms Likely	Chance T-storms	Chance T-storms	Chance T-storms	Chance T-storms
High: 83 °F	Low: 82 °F	High: 83 °F	Low: 82 °F	High: 82 °F	Low: 81 °F	High: 82 °F	Low: 81 °F	High: 82 °F

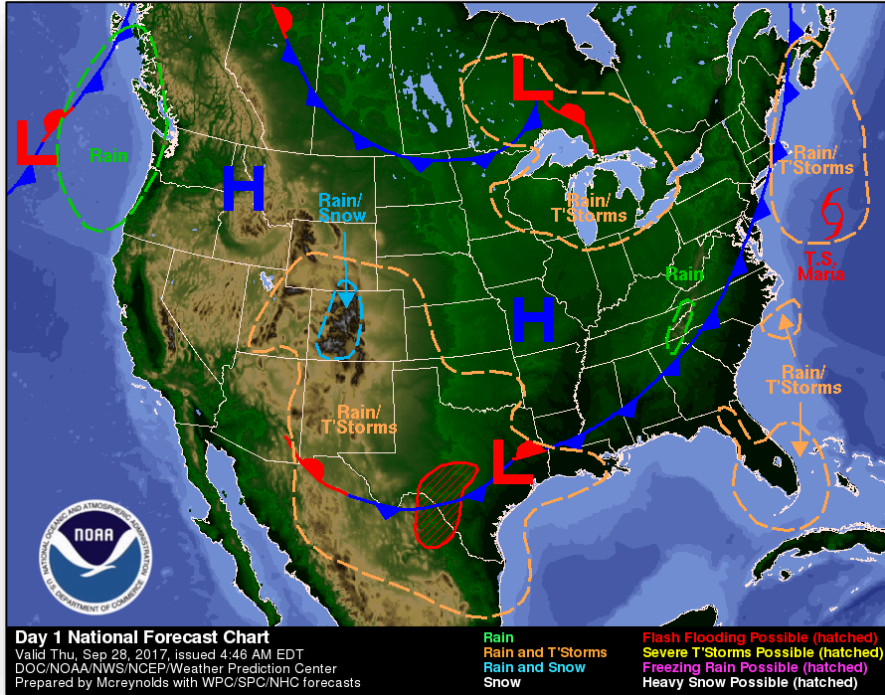




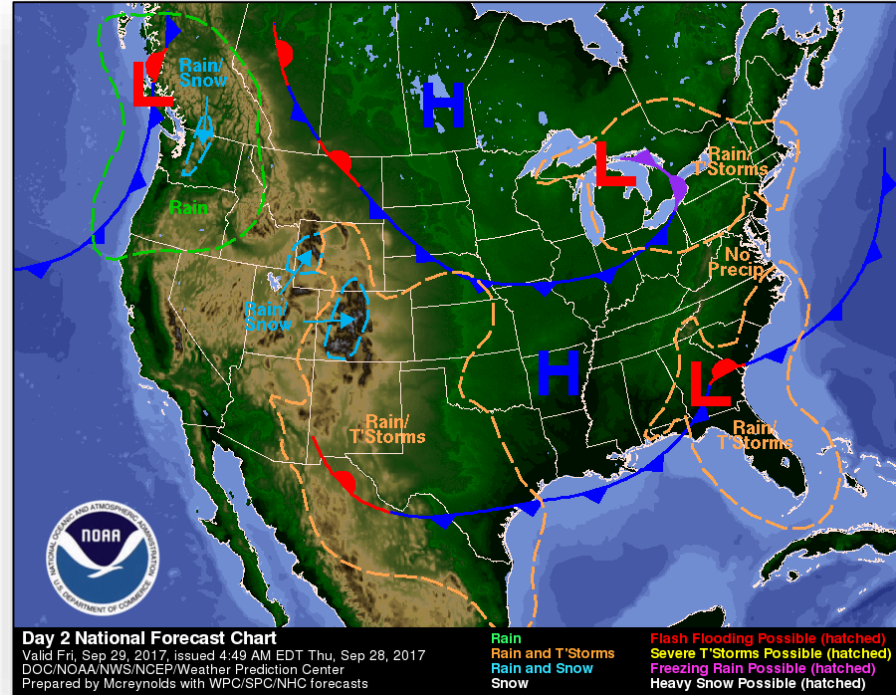
# National Weather Forecast



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*Today*

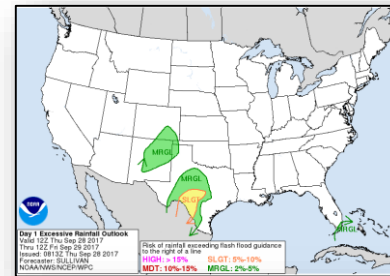
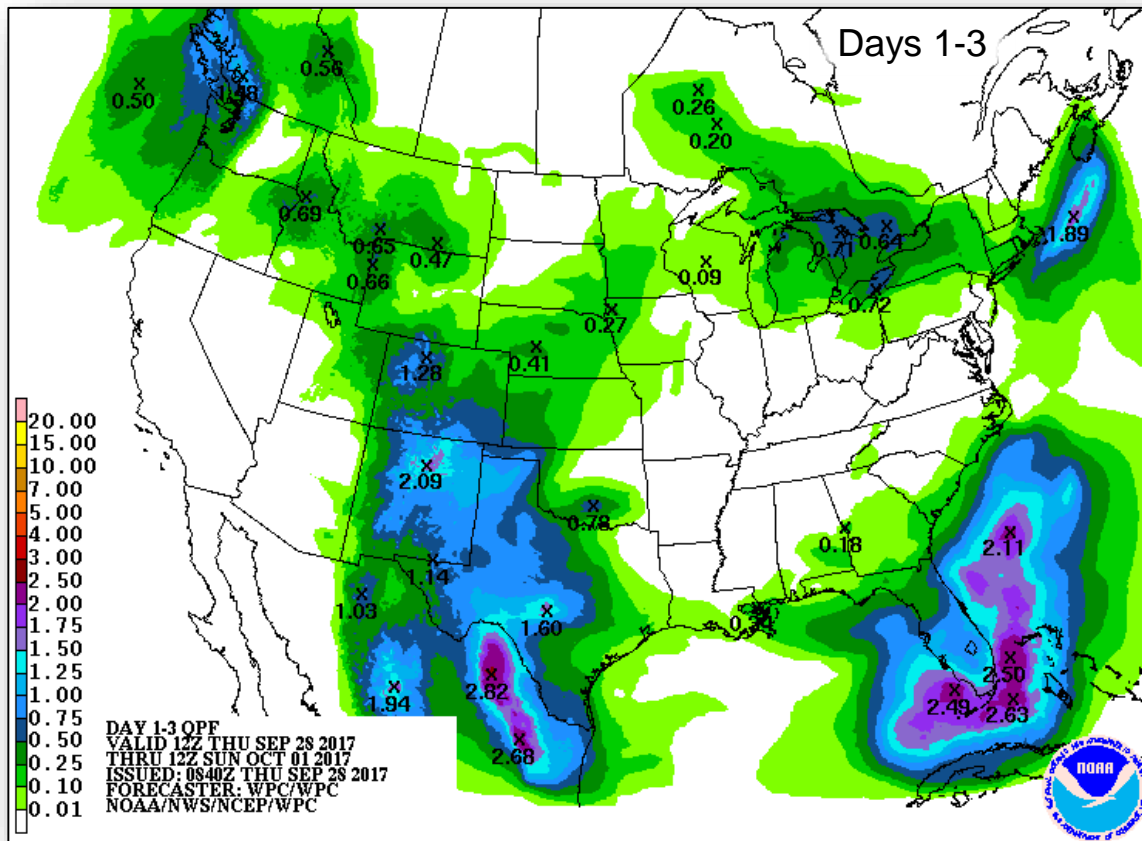


*Tomorrow*

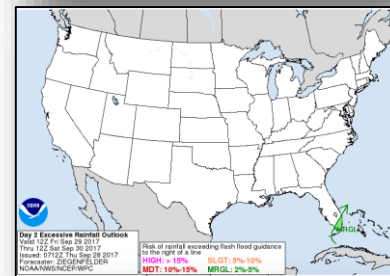
# Precipitation Forecast & Flash Flood Risk



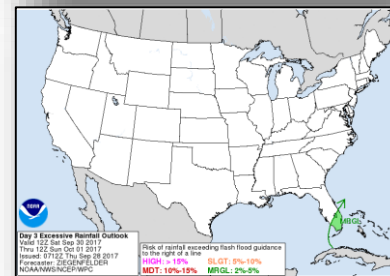
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Day 1



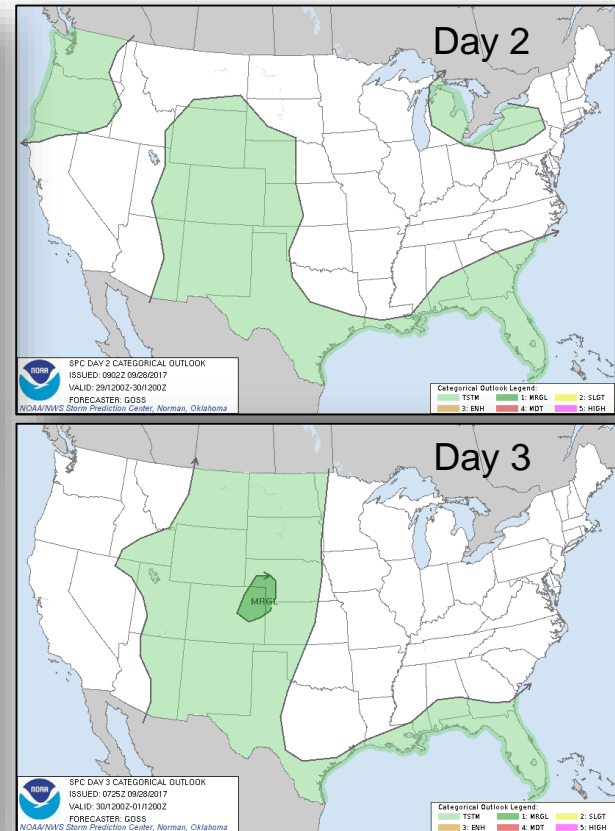
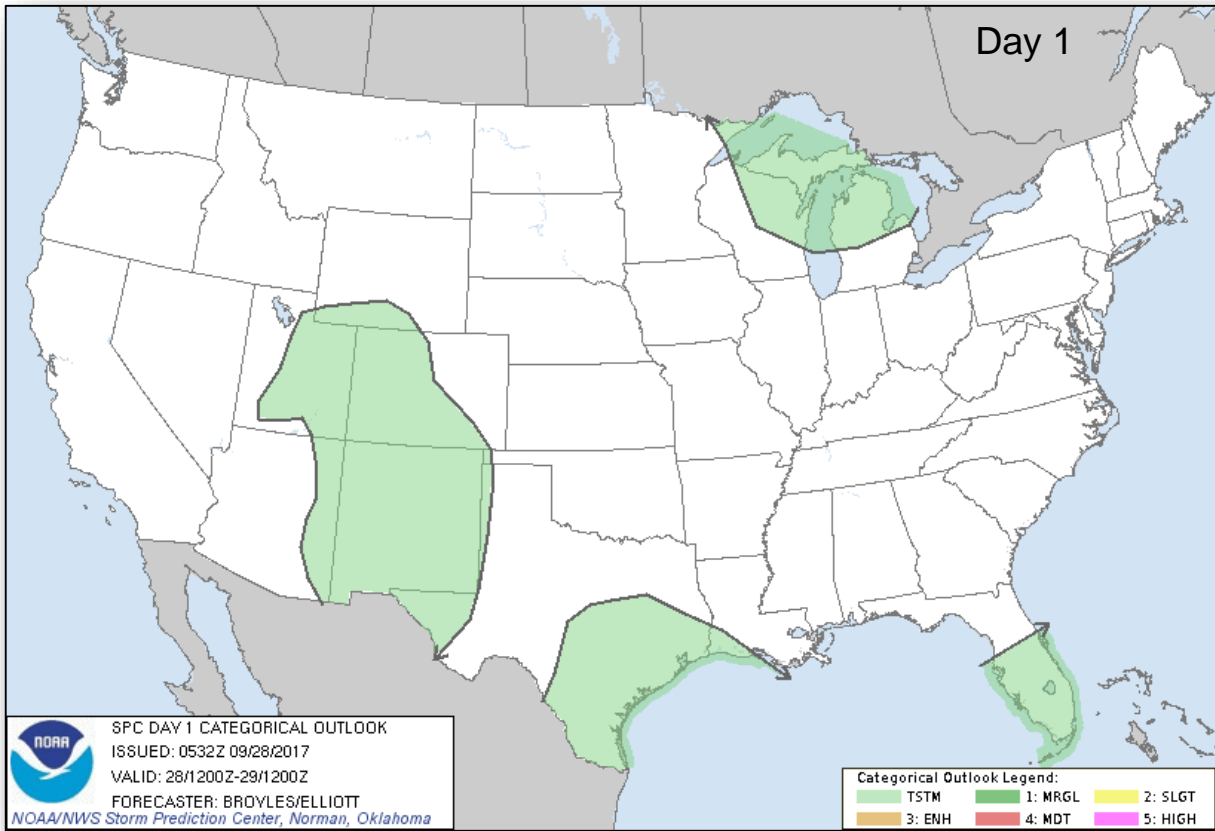
Day 2



Day 3



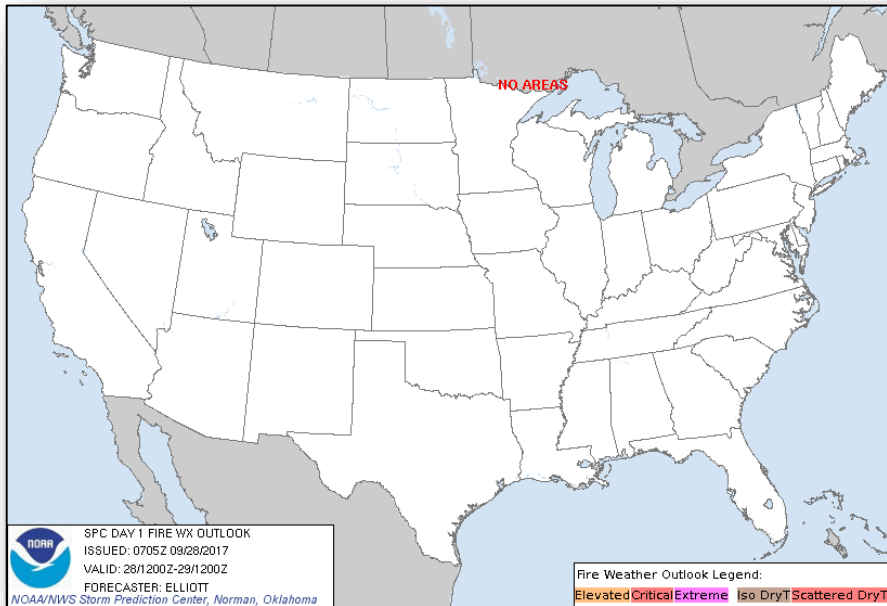
# Severe Weather Outlook – Days 1-3



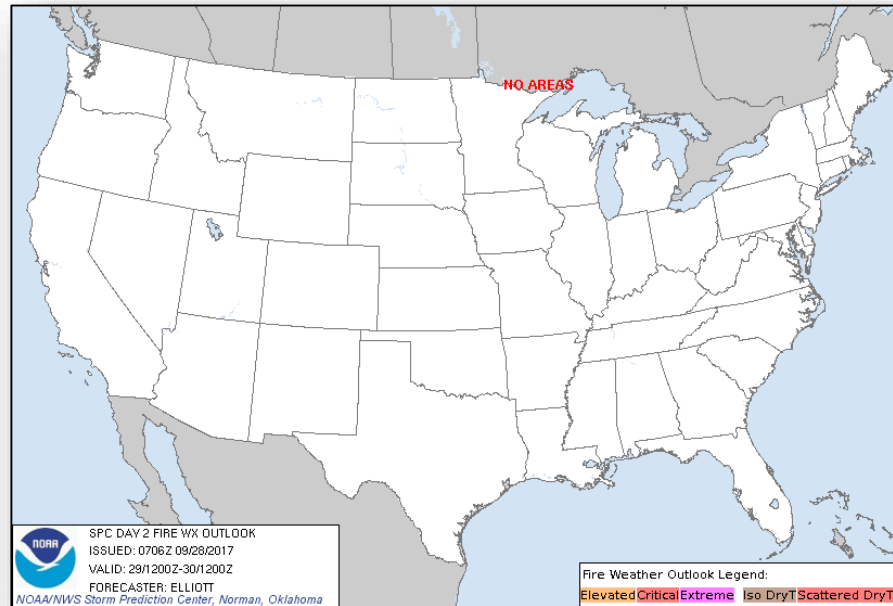
# Fire Weather Outlook



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**Today**

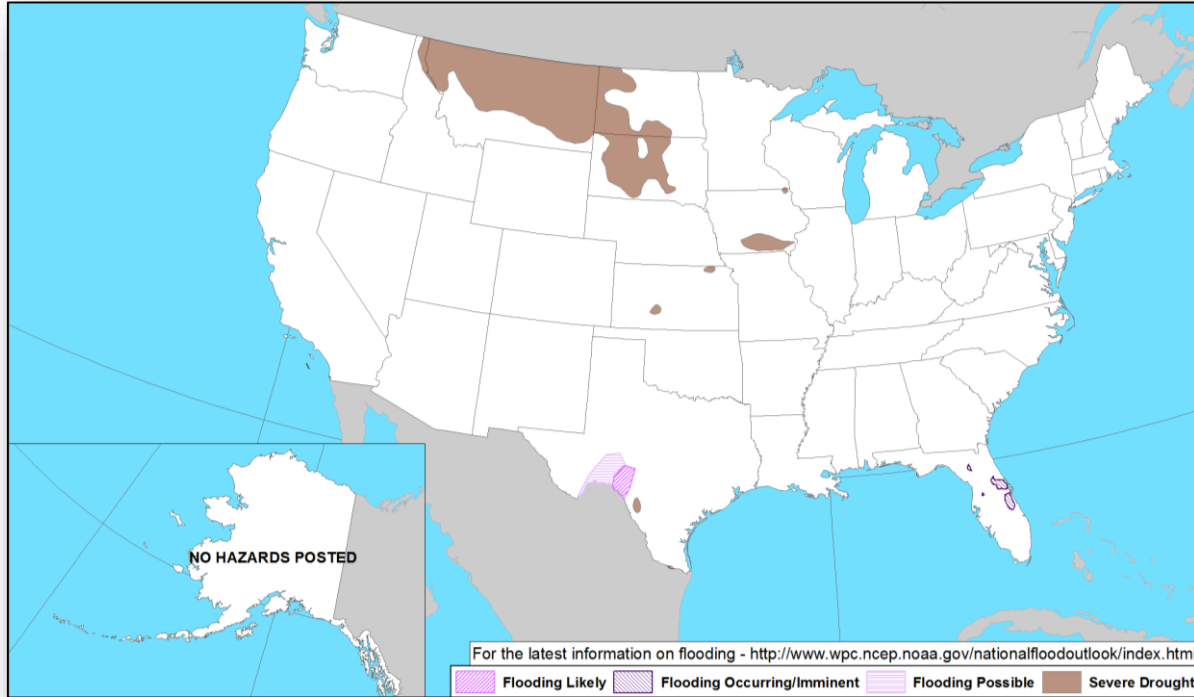


**Tomorrow**

# Hazards Outlook – Sep 29-Oct 03



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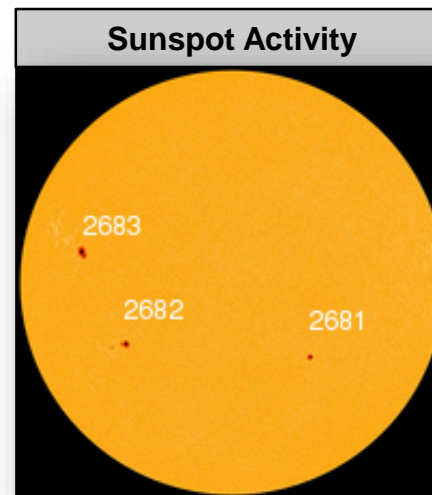
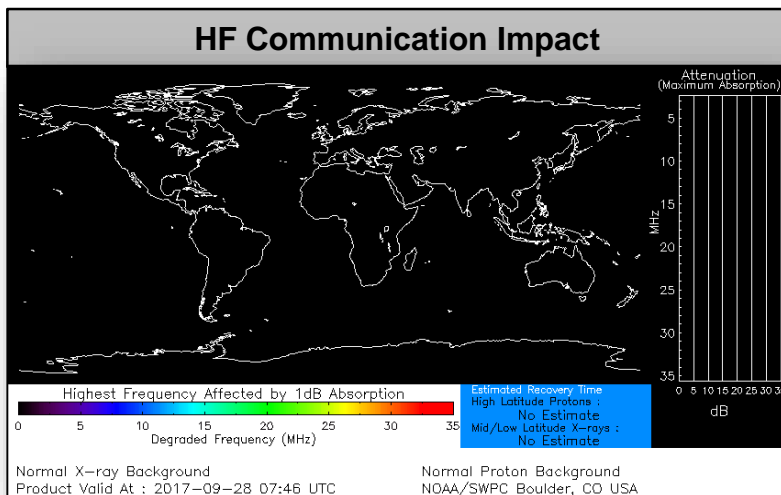


# Space Weather



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	Space Weather Activity	Geomagnetic Storms	Solar Radiation	Radio Blackouts
Past 24 Hours	Strong	G3	None	None
Next 24 Hours	Moderate	G2	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>				



# Wildfire Summary



Fire Name (County)	FMAG # (Approved Date)	Acres Burned	Percent Contained	Evacuations (Residents)	Structures			Fatalities / Injuries
					Threatened	Damaged	Destroyed	
California (1)								
Canyon Fire (FINAL) (Orange/Riverside)	5213-FM-CA September 26, 2017	2,000	35% (+20)	Lifted	1,900 (all homes)	3 (+3) homes	0	0 / 0



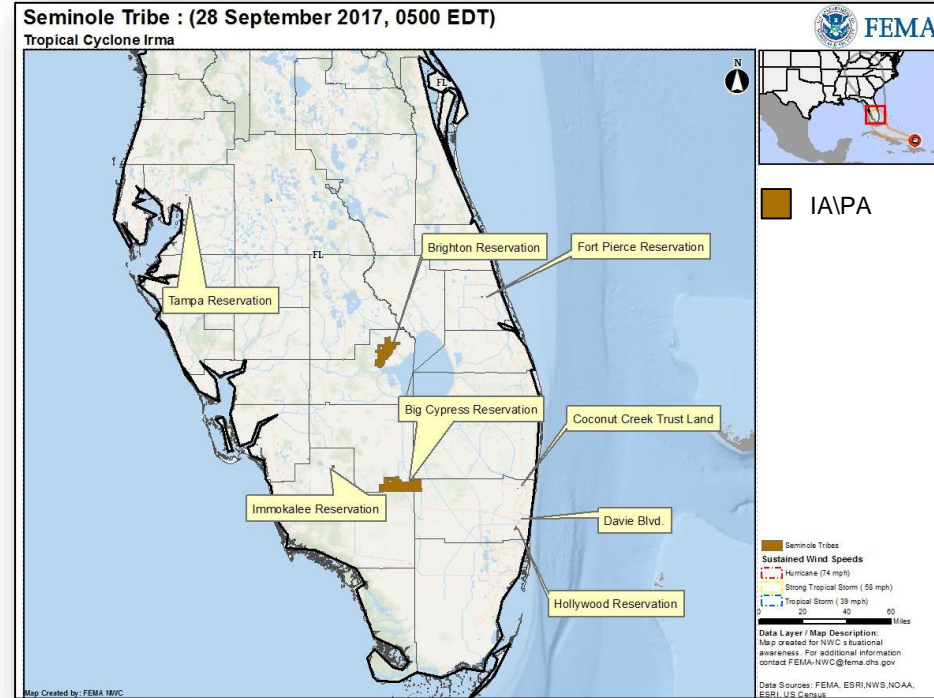
# Declaration Approved



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## **FEMA-4341-DR**

- Major Disaster Declaration approved September 27, 2017 for the Seminole Tribe of Florida
- For Hurricane Irma beginning on September 4, 2017 and continuing
- Provides:
  - Individual Assistance, Public Assistance, Hazard Mitigation to the Seminole Tribe of FL and associated lands
- FCO is Willie G. Nunn



# Disaster Requests & Declarations



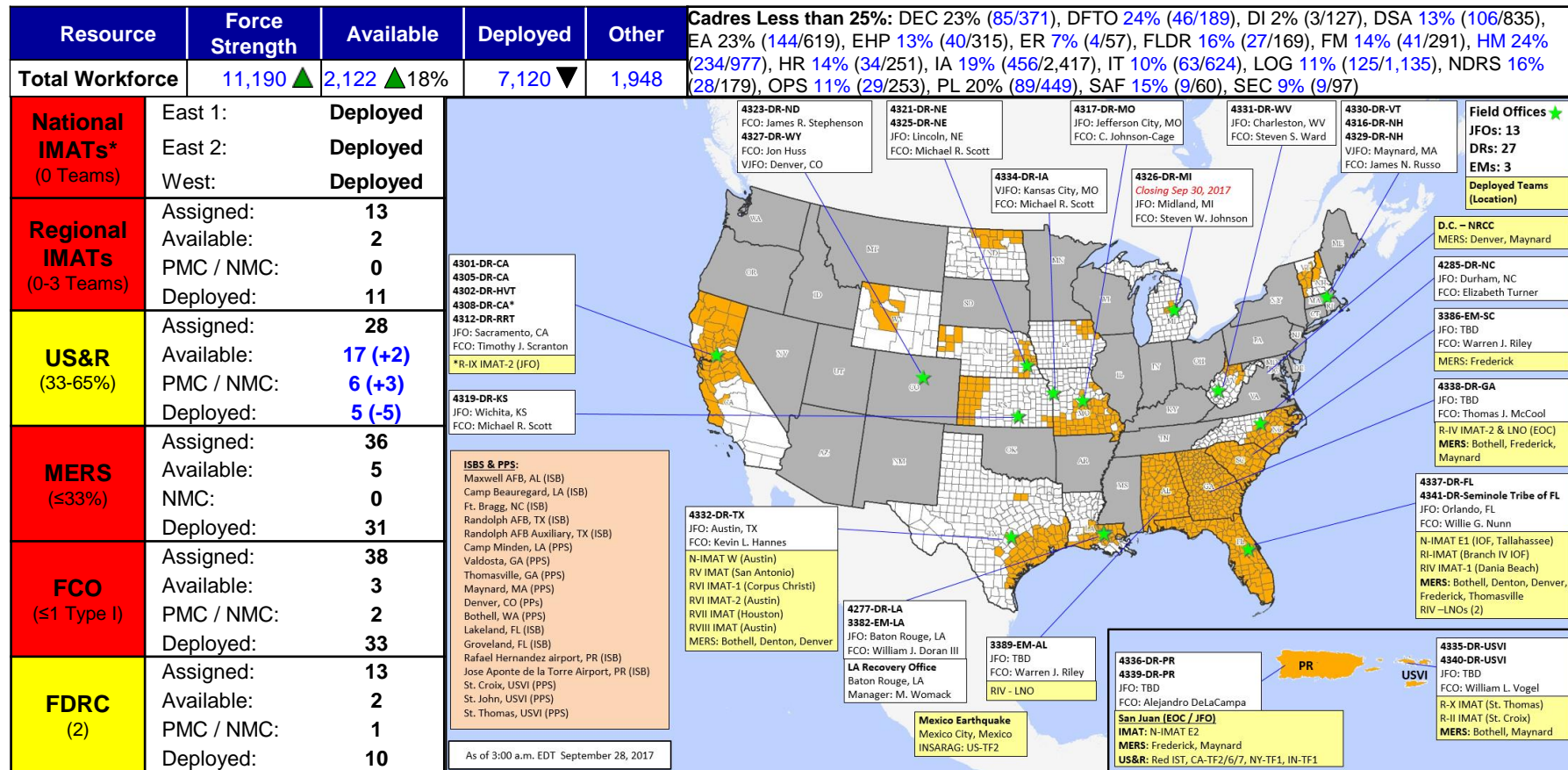
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Declaration Requests in Process					Requests APPROVED (since last report)	Requests DENIED (since last report)
9	IA	PA	HM	Date Requested	1	0
NY – DR (Expedited) Flooding	X	X	X	July 6, 2017		
ID – DR Flooding		X	X	July 20, 2017		
ND – DR Drought	X	X	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		
Seminole Tribe of Florida – DR (Expedited) Hurricane Irma	X	X	X	September 11, 2017	Declared September 27, 2017	
LA – DR Hurricane Harvey	X	X	X	September 26, 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	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, III, & V



# 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.**