



# **FEMA**

## **Daily Operations Briefing**

**Thursday, September 7, 2017**

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

# Significant Activity – Sep 6-7



FEMA

**Significant Events:** Response to Harvey; Tropical Cyclone Irma Preparation

## **Tropical Activity:**

- Atlantic – Tropical Cyclone Irma (CAT 5); Tropical Cyclone Jose (CAT 1); Tropical Cyclone Katia (CAT 1)
- Eastern Pacific – No tropical cyclones expected next 5 days
- Central Pacific – No tropical cyclones expected next 48 hours
- Western Pacific – No activity affecting U.S. interests

## **Significant Weather:**

- Flash Flooding Possible – OR & CA
- Red Flag Warnings – CA, OR, WA, & NV
- Space weather:
  - Past 24 hours: STRONG; Solar radiation storms reaching the S2 level occurred. Radio blackouts reaching the R3 level occurred
  - Next 24 hours: STRONG; Geomagnetic storms reaching the G3 level are likely. Solar radiation storms reaching the S2 level are expected. Radio blackouts reaching the R2 level are expected

**Earthquake Activity:** No significant activity

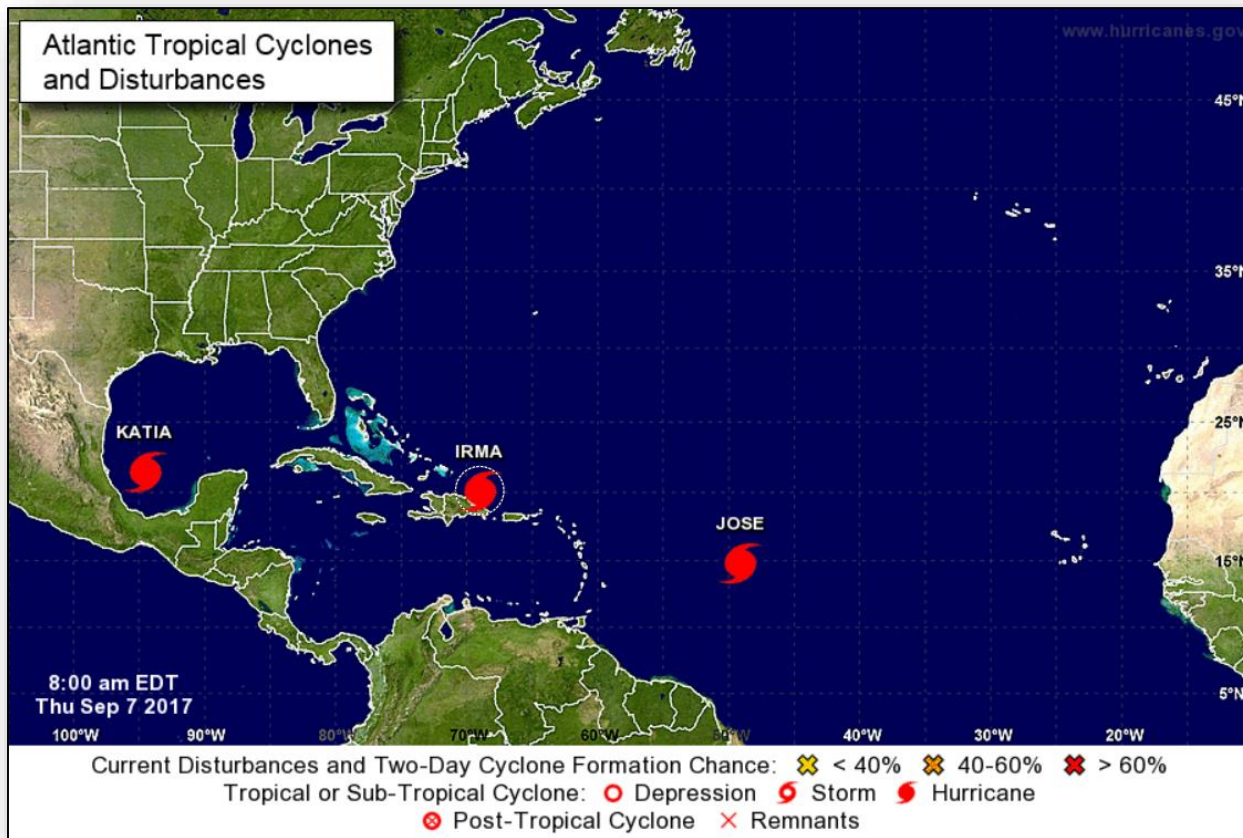
## **Declaration Activity:**

- Emergency Declaration Request – South Carolina
- Major Disaster Declaration Request – U.S. Virgin Islands

# Tropical Outlook – Atlantic



FEMA



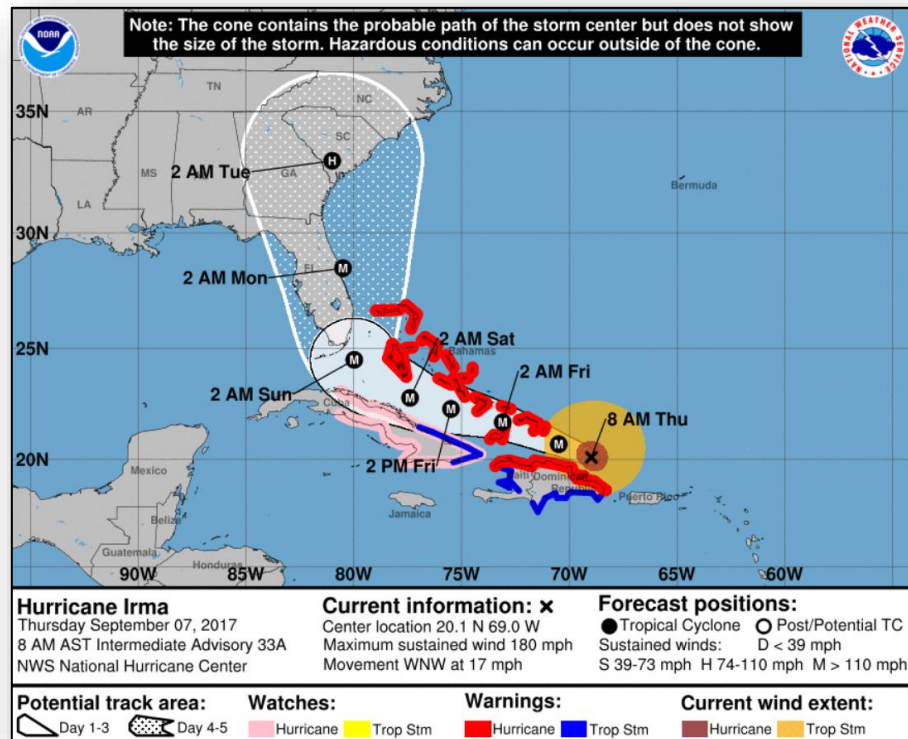
# Tropical Cyclone Irma



## **Tropical Cyclone IRMA (CAT 5)** (NHC Advisory #33A, as of 8:00 a.m. EDT)

- 110 miles N of Punta Cana, DR; moving WNW at 17 mph
- Maximum sustained winds 180 mph
- Hurricane-force winds extend outward up to 50 miles
- Hurricane Watches and Warnings in effect

Some fluctuations in intensity are likely during the next day or two, but Irma is forecast to remain a powerful category 4 or 5 hurricane.



# Tropical Cyclone Jose



FEMA

## **Tropical Cyclone JOSE (CAT 1)** (NHC Advisory #8, as of 8:00 a.m. EDT)

- 815 miles E of the Lesser Antilles; moving WNW at 18 mph
- Maximum sustained winds 90 mph
- Could be near Major Hurricane strength by Friday



# Tropical Cyclone Katia



FEMA

## **Tropical Cyclone KATIA (CAT 1)** (NHC Advisory #7A, as of 8:00 a.m. EDT)

- 210 miles ESE of Tampico, Mexico; stationary
- Maximum sustained winds 80 mph
- Hurricane-force winds extend outward up to 10 miles
- Could be near Major Hurricane strength by Friday
- Some additional strengthening is forecast in the next 48 hours





# Tropical Cyclone Irma



FEMA

## FEMA Region II

- RRCC: **Level I (day shift only)**; **Level II (night shift only)** Watch: Steady State
- Emergency Declarations for PR and USVI; USVI and PR EOCs: Full Activation
- IMAT: Deployed to USVI
- Collateral Regional IMATS deployed to PR (IMAT B), and USVI (IMAT C)
- Maynard MERS deployed to USVI and PR
- USACE, DMAT, and USGS in PR
- Ports in USVI and PR are closed (port condition ZULU)

## FEMA Region III

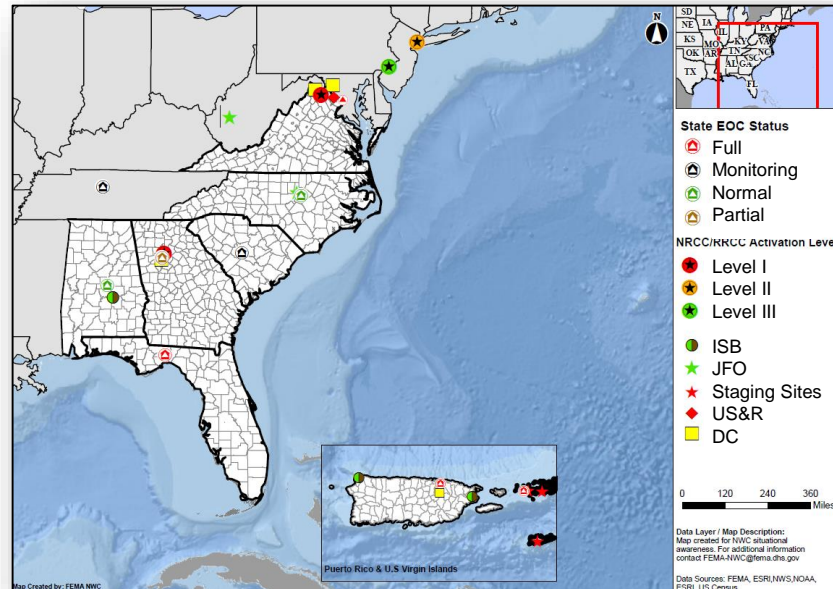
RRCC: Level III (day shift only)

## FEMA Region IV

- RRCC: Level I (24/7)
- IMAT-1 deployed to FL EOC; **IMAT-2 deployed to SC EOC**
- LNO deployed to FL, NC, SC EOCs
- EOCs: FL Full Activation; GA Monitoring; TN and SC Monitoring
- **GA, NC, and SC Governors declared States of Emergency**

## FEMA HQ

- NRCC: Level I (24/7); NWC: Steady State
- **N-IMAT-E1 staged at FEMA Region IV HQ**
- N-IMAT-E2 deployed to FL EOC
- FEMA Corps: Teams deployed to PR (1) and Atlanta, GA (1)
- RX IMAT: Deployed to PR
- **ISB at Randolph AFB, TX to support air operations**; resources staged in GA, FL, PR and USVI
- US&R: VA-TF2 deployed to PR; Red IST staged in VA; **eight TFs and three HEPPs standing by**



# Tropical Cyclone Harvey



## **Current Situation:**

Response and recovery efforts continue. Area rivers and bayous will continue to fall below major flood stage. Long-duration flooding will significantly hamper response and recovery activities.

## **Impacts:**

- FEMA Modeling indicates of 2.7M homes across 29 counties:
  - Over 135k homes affected
  - Over 22k homes may have major damage (over five feet of inundation)
- **Transportation:** Limited operations across the region
  - Airports and Seaports: All open
  - Roads/Bridges:
    - Most major highways in Houston, TX area re-opened
    - Flooding continues to impact Beaumont, TX roads
    - Portions of I-210 in Calcasieu Parish, LA closed
- **Communications:** 103k landline customers out of service
- **Medical:** 7 hospitals remain closed
- **Power Outages:** 40k customers without power in TX (as of 5:30 a.m. EDT\*)

## **Response:**

### **FEMA Region VI**

- RRCC: [Level II](#) (24/7); RWC: Steady State
- Region VI IMAT-1: Deployed to TX
- Region VI IMAT-2: Deployed to TX
- LNOs: deployed to TX & LA

### **Texas**

- EOC at Full Activation

### **Louisiana**

- EOC at Monitoring

### **FEMA Headquarters**

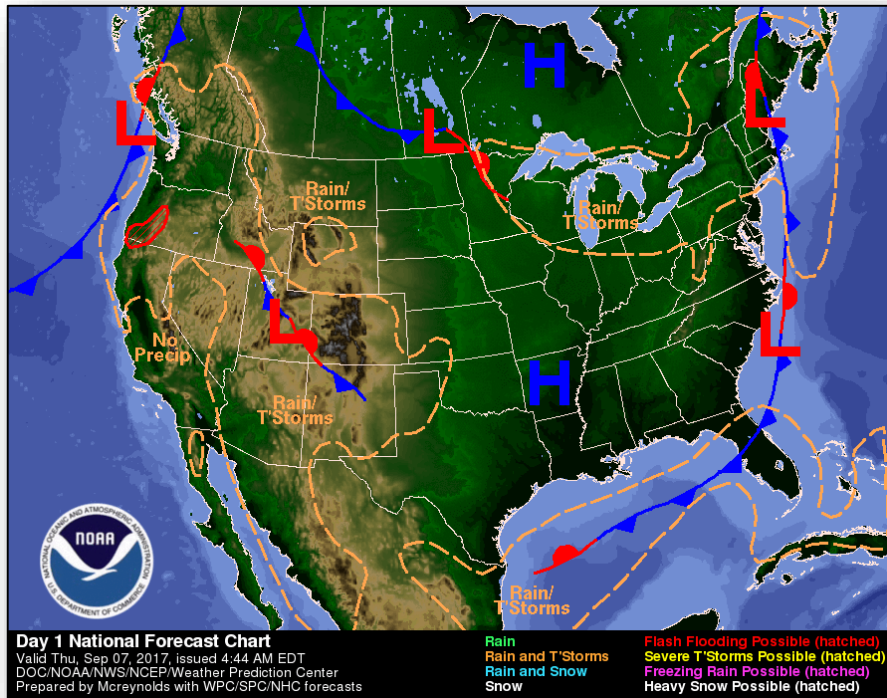
- NRCC: Level I (24/7); NWC: Steady State
- National IMAT West: Deployed to Austin, TX
- Region V, VII and VIII IMATs deployed to TX
- ISBs: Seguin, TX; Camp Beauregard, LA; Randolph, TX
- MERS: MCOVs in TX
- FEMA Corps: 42 teams (315 members) deployed



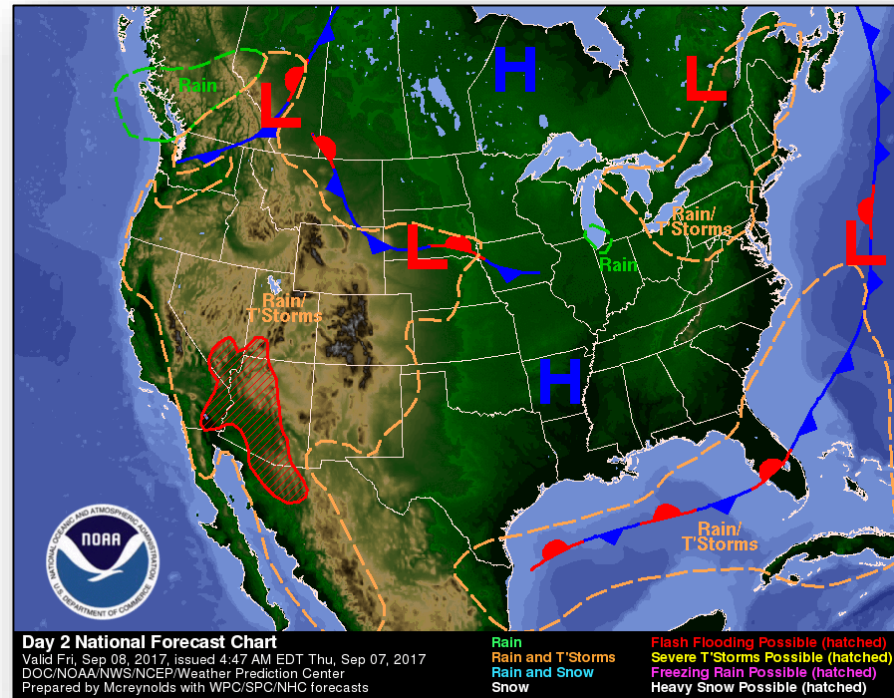
# National Weather Forecast



FEMA



*Today*

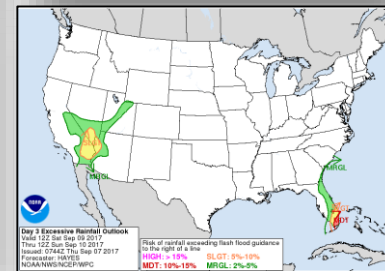
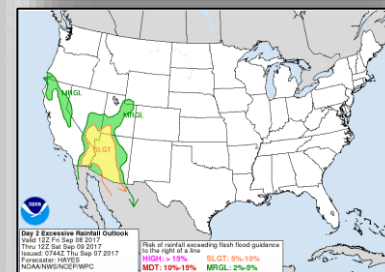
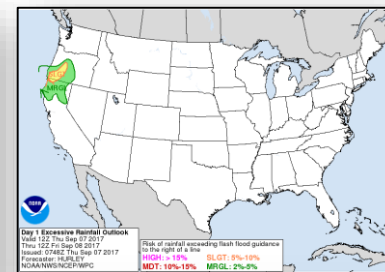
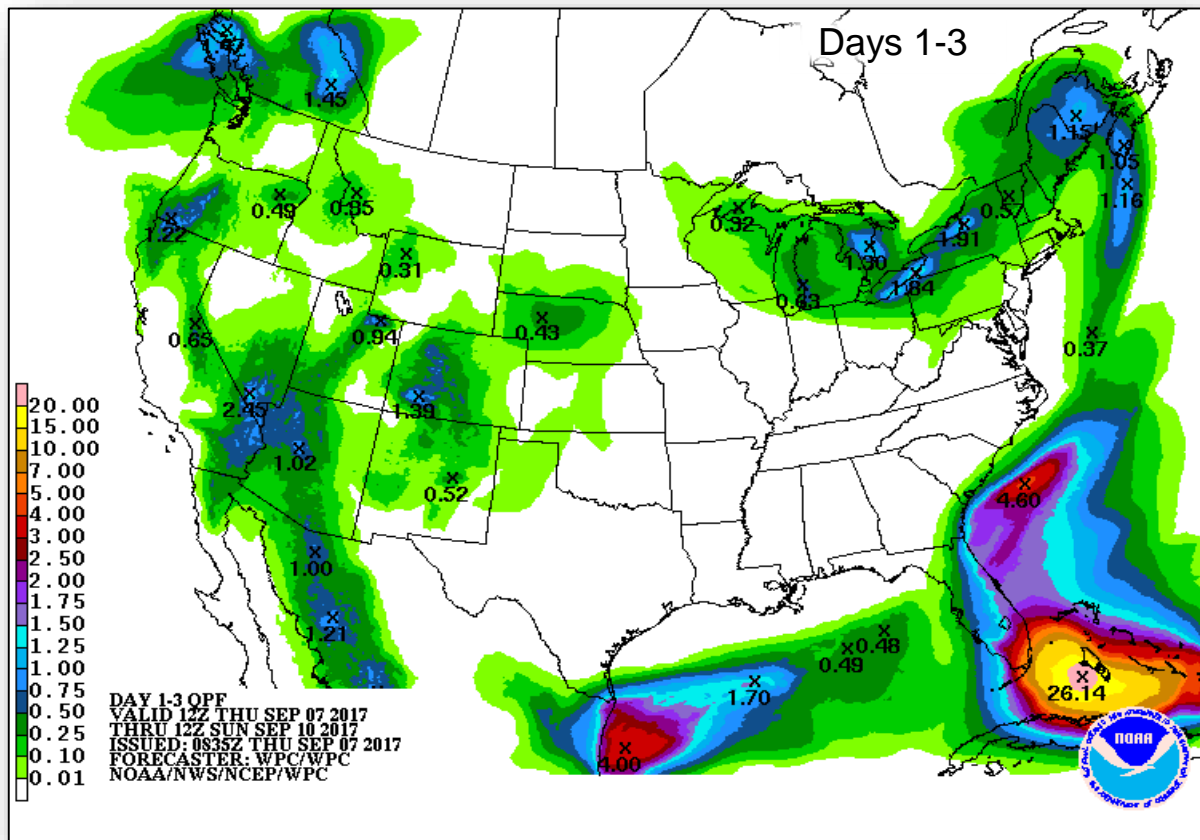


*Tomorrow*

# Precipitation Forecast



FEMA



Day 1

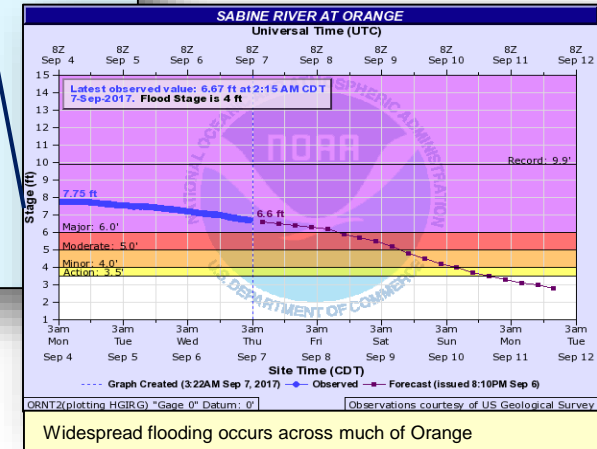
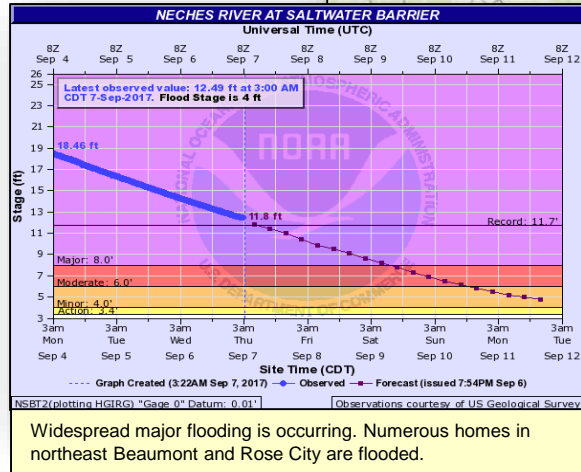
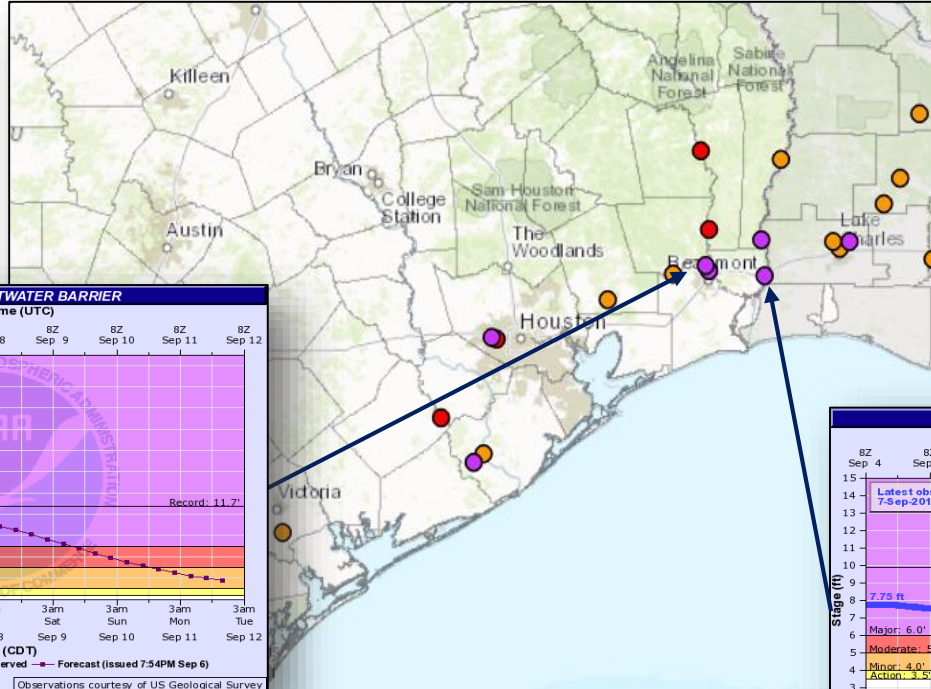
Day 2

Day 3

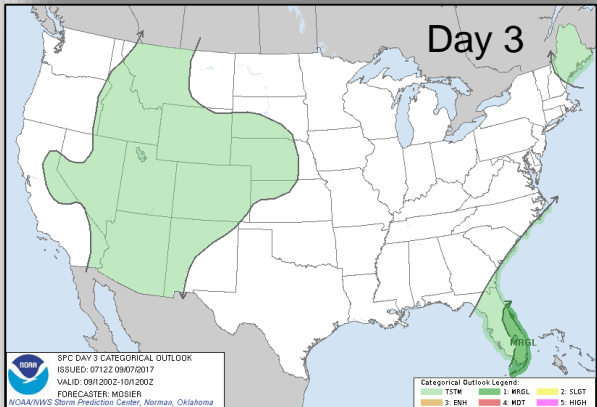
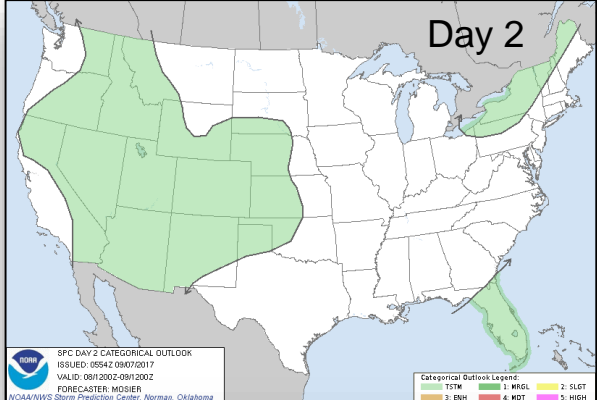
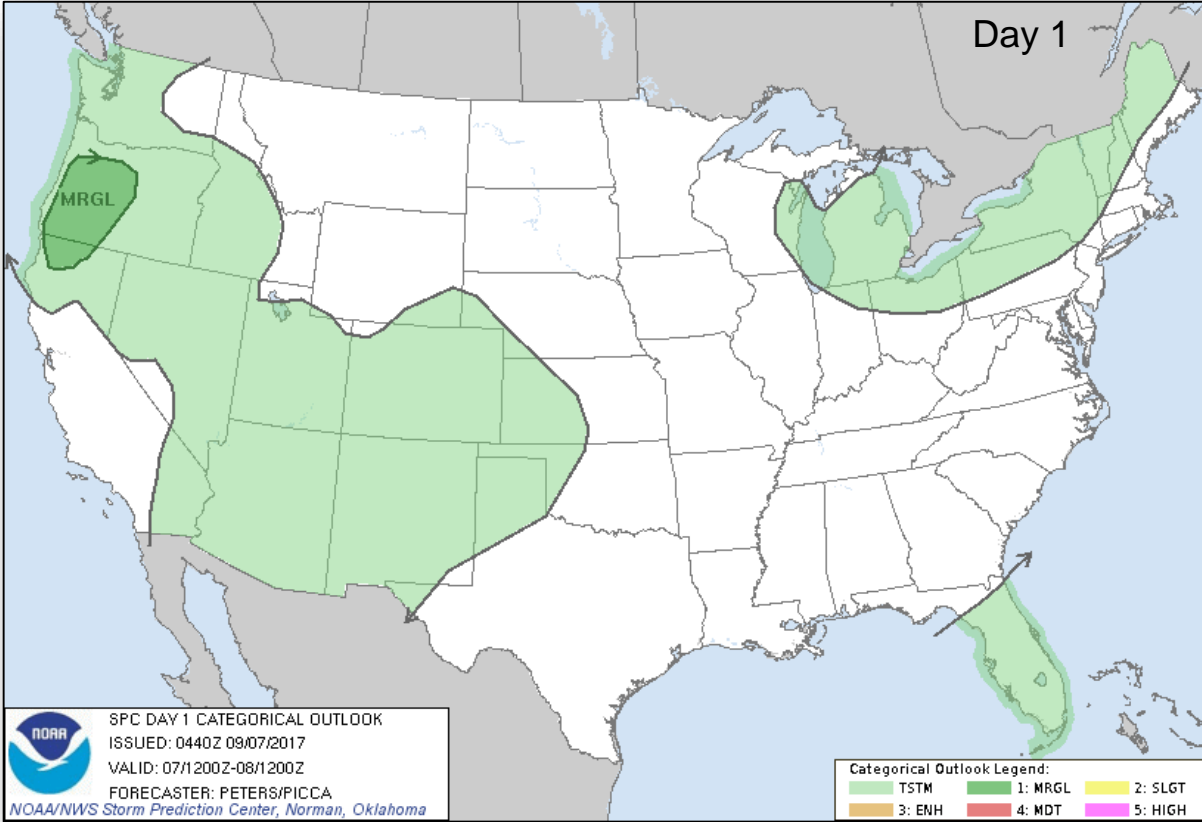
# Major to Record River Flooding



FEMA



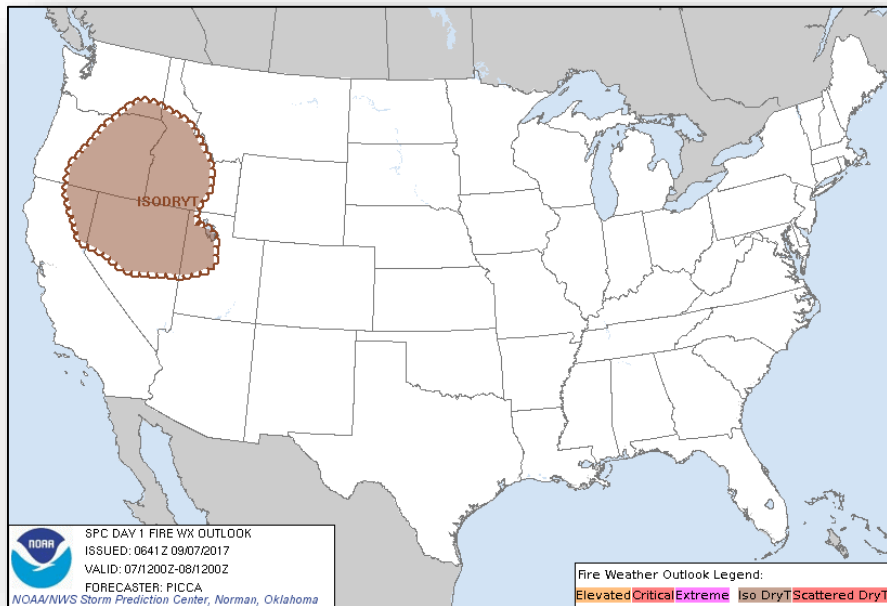
# Severe Weather Outlook – Days 1-3



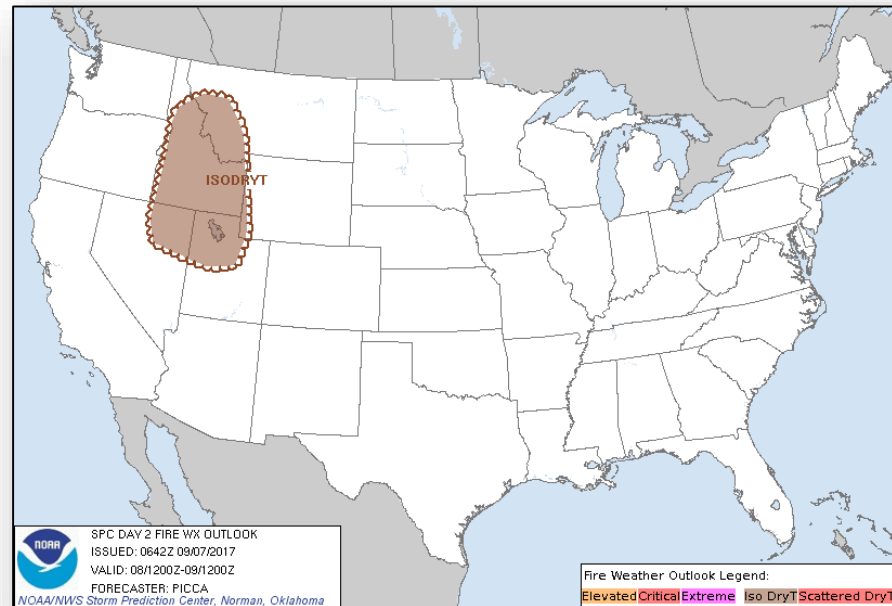
# Fire Weather Outlook



FEMA



*Today*



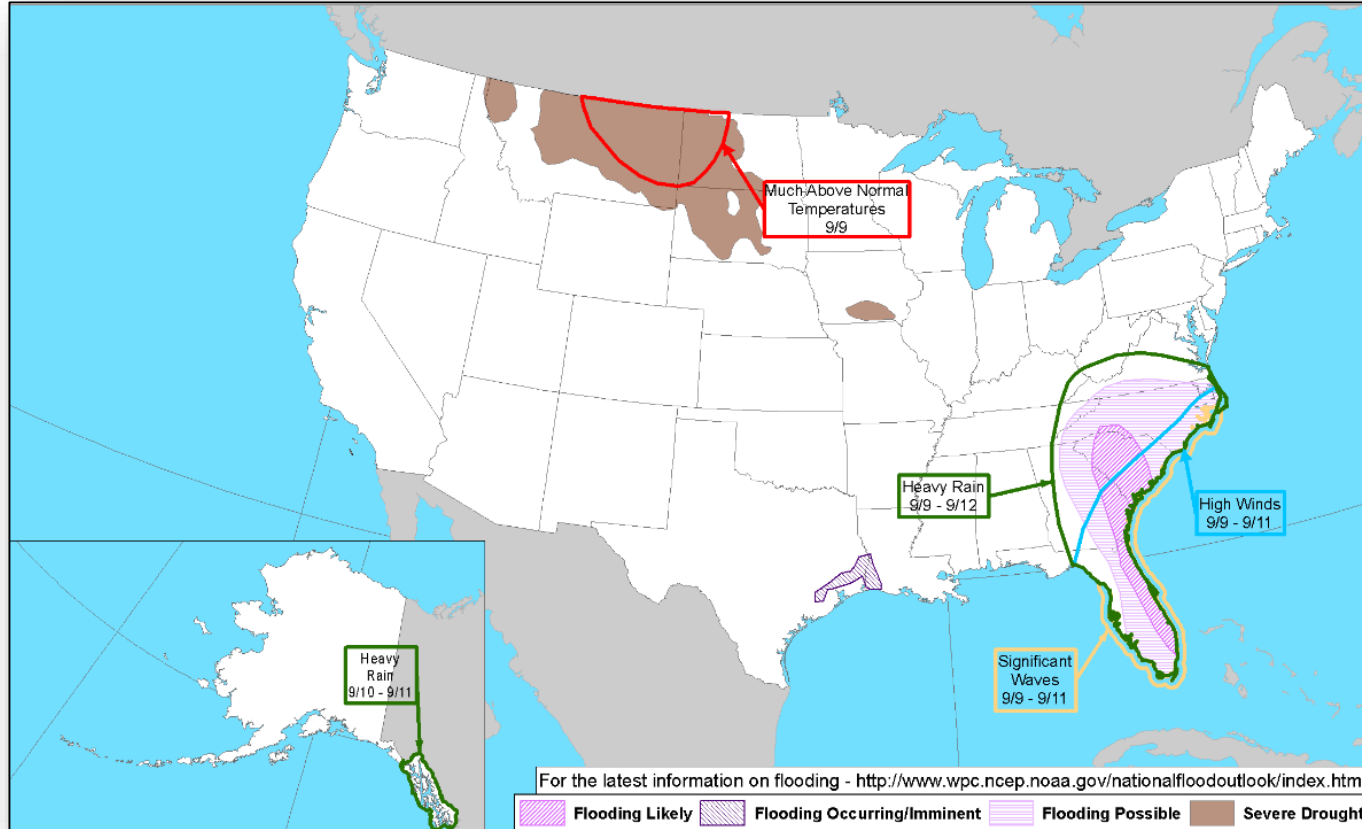
*Tomorrow*



# Hazards Outlook – Sep 9-13



FEMA



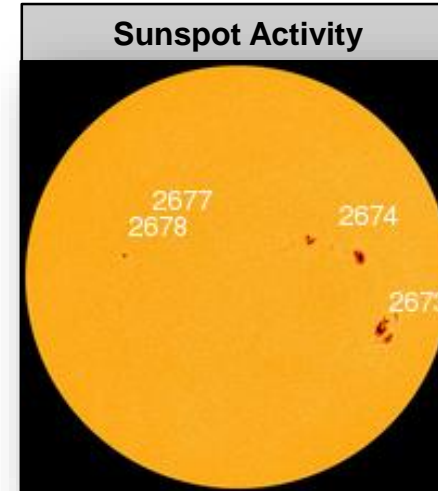
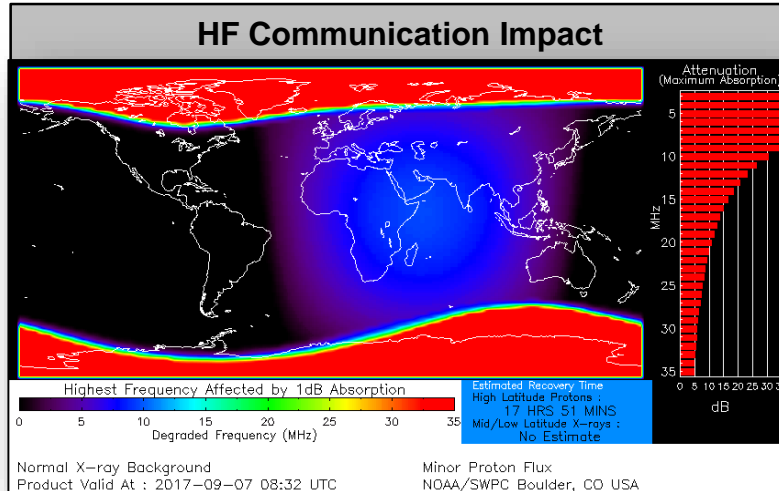


# Space Weather



FEMA

	Space Weather Activity	Geomagnetic Storms	Solar Radiation	Radio Blackouts
Past 24 Hours	Strong	G1	S2	R3
Next 24 Hours	Strong	G3	S2	R2
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



FEMA

Fire Name (County)	FMAG # (Approved Date)	Acres Burned	Percent Contained	Evacuations (Residents)	Structures			Fatalities / Injuries
					Threatened	Damaged	Destroyed	
California (4)								
Helena (Trinity)	5199-FM-CA Sept 1, 2017	15,880 (+1,405)	30%	Mandatory	5,250 (4,000 homes)	8 (4 homes)	133 (72 homes)	0 / 0
Railroad (Madera & Mariposa)	5202-FM-CA Sept 2, 2017	11,603 (+75)	43% (+8)	Mandatory	511 (500 homes)	0	14 (5 homes)	1 / 4
Mission (Madera)	5204-FM-CA Sept 4, 2017	1,035 (+10)	15% (+3)	Mandatory	250 (250 homes)	7 (4 homes)	4 (4 homes)	0 / 0
Pier (Tulare)	5205-FM-CA Sept 5, 2017	20,259 (+605)	25% (+5)	Mandatory	1,358 (1,354 homes)	0	1	0 / 5
Oregon (2)								
Chetco Bar (Curry)	5198-FM-OR August 20, 2017	176,770	5%	Mandatory	12,286 (8,523 homes)	9 (1 home)	26 (6 homes)	0 / 3
Eagle Creek (Hood River)	5203-FM-OR Sept 3, 2017	30,929 (+10,929)	5% (+5)	Mandatory	5,230 (5,230 homes)	0	8 (3 homes)	0 / 0
Utah (1)								
Uintah (Weber) FINAL	5206-FM-UT Sept 5, 2017	619	70% (+67)	Mandatory	182 (100 homes)	20 (20 homes)	13 (3 homes)	0 / 4
Washington (1)								
Jolly Mountain (Kittitas)	5200-FM-WA Sept 2, 2017	24,514 (+1,408)	5% (+5)	Mandatory	5,277 (4,204 homes)	0	0	0 / 4

# Joint Preliminary Damage Assessments



FEMA

Region	State / Location	Event	IA/PA	Number of Counties		Start – End
				Requested	Completed	
VI	NM	Severe Storms August 3, 2017	IA	0	0	N/A
			PA	1	0	Sep 6 – TBD
IX	AZ	Excessive Rainfall July 23-24, 2017	IA	0	0	N/A
			PA	1	0	Sep 6 – TBD

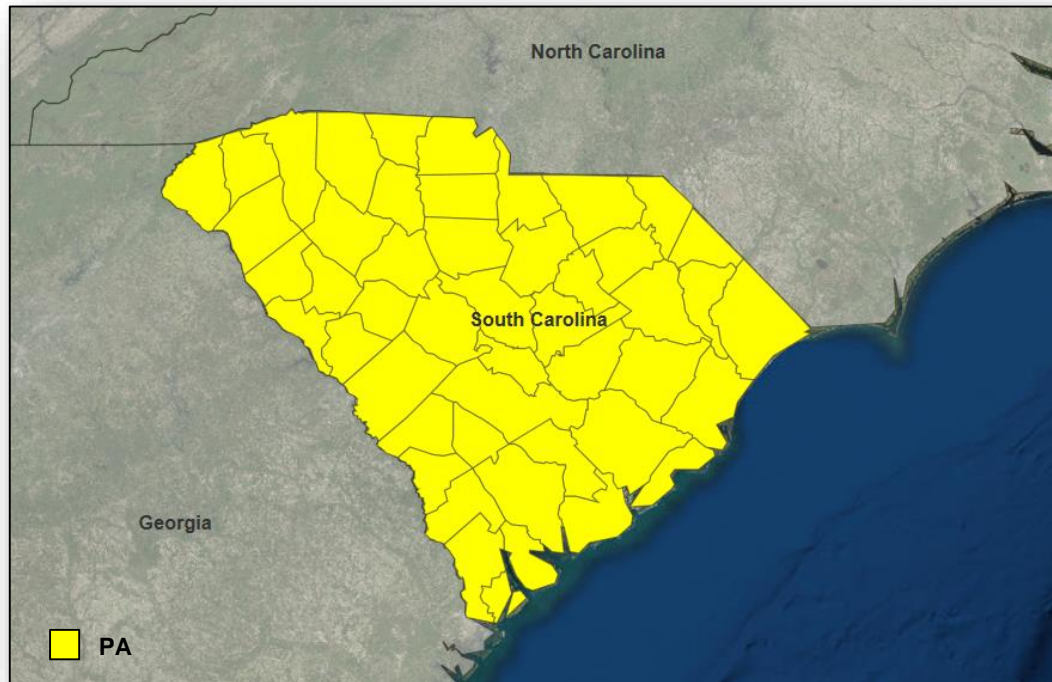
# Declaration Request



FEMA

## **South Carolina**

- Governor requested an Emergency Declaration on September 6, 2017
- For Tropical Cyclone Irma beginning on September 6, 2017 and continuing
- Requesting Public Assistance for 46 counties and the Catawba Indian Nation
  - Emergency Protective Measures (Category B)
  - Direct Federal Assistance



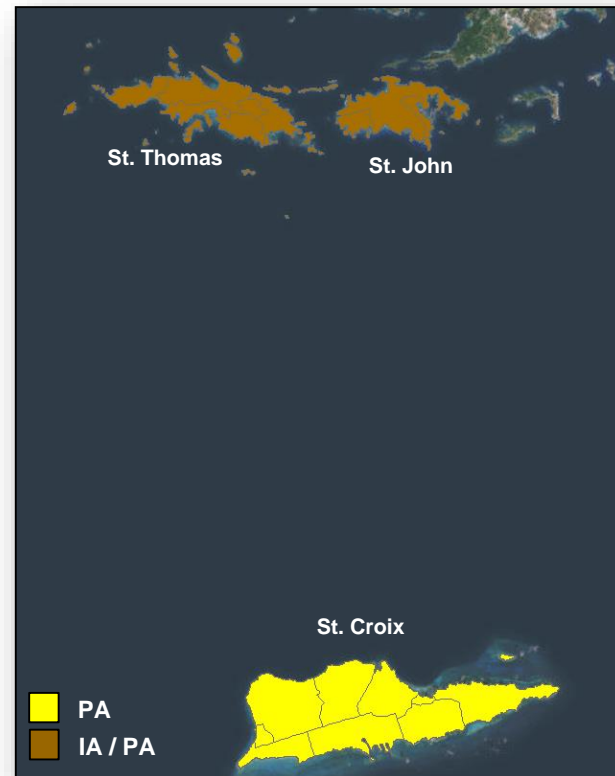
# Declaration Request



FEMA

## ***Territory of the U.S. Virgin Islands***

- Governor requested a Major Disaster Declaration on September 6, 2017
- As a result of Tropical Cyclone Irma beginning on September 6, 2017 and continuing
- Requesting:
  - Individual Assistance for the islands of St. John and St. Thomas
  - Public Assistance for the islands of St. Croix, St. John, and St. Thomas (Categories A & B)
  - Hazard Mitigation for the entire territory



# Disaster Requests & Declarations



FEMA

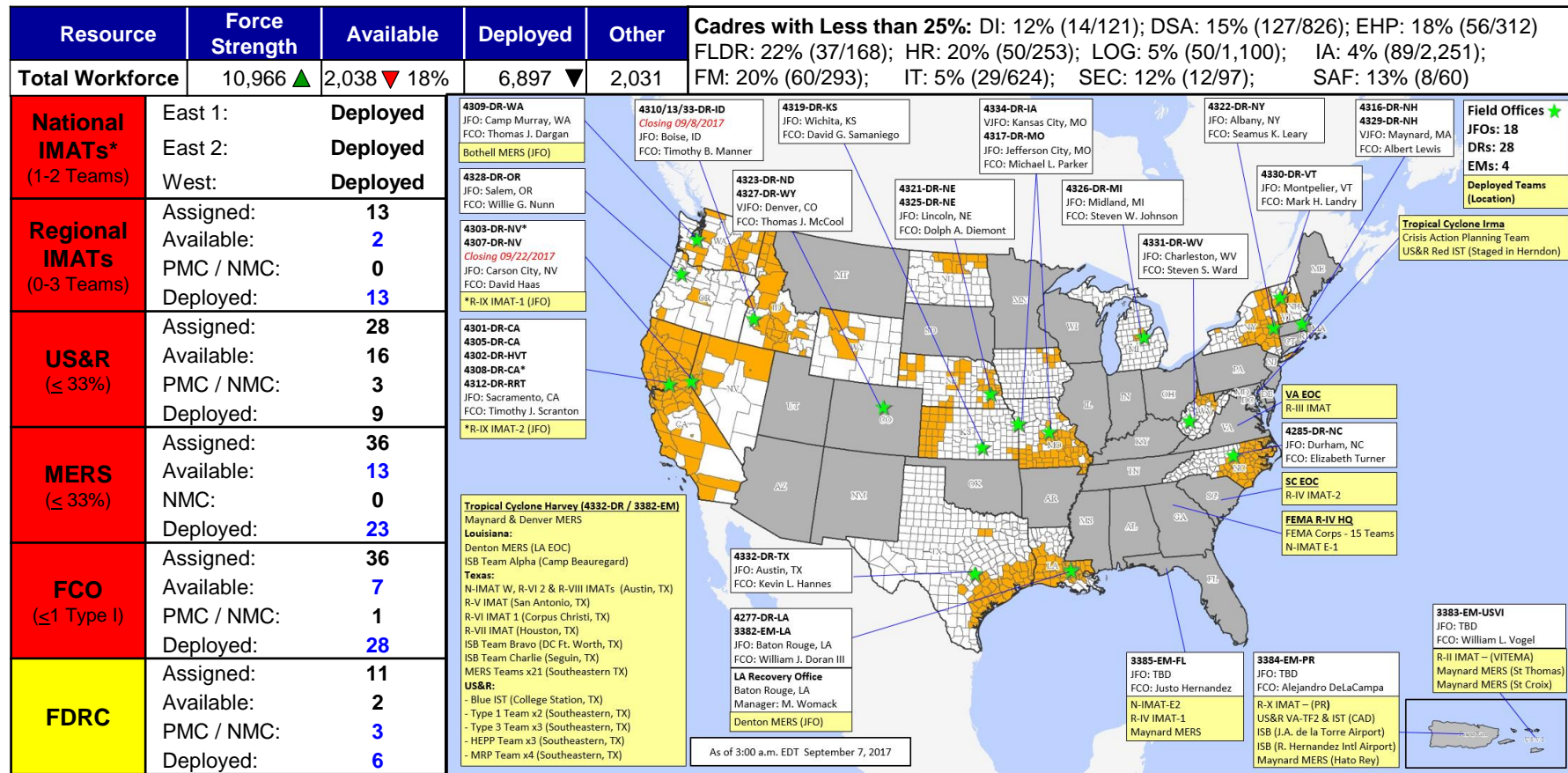
Declaration Requests in Process					Requests APPROVED (since last report)	Requests DENIED (since last report)
10	IA	PA	HM	Requested	0	0
NY – DR (Expedited) Flooding	X	X	X	July 6, 2017		
ID – DR Flooding		X	X	July 20, 2017		
ND – DR Drought	X	X	X	August 7, 2017		
WI – DR Severe Storms, Straight-line Winds, Flooding, Landslides, Mudslides		X	X	August 23, 2017		
ND – Severe Storms		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	August 31, 2017		
SC – Tropical Cyclone Irma – CAT 5 Hurricane		X		September 6, 2017		
USVI – DR (Expedited) Tropical Cyclone Irma – CAT 5 Hurricane	X	X	X	September 6, 2017		



# Readiness – Deployable Teams and Assets



FEMA



\*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	Blue	Level I	24/7	Tropical Cyclone Harvey
HLT		1	Activated				Hurricane Season
RWCs/MOCs		10	Not Activated				
RRCCs		10	Activated	Region I Region II Region III Region IV Region VI	Level III Level I / Level II Level III Level I Level I	Day Shift Day Shift / Night Shift Day Shift Day Shift 24/7	Tropical Cyclone Irma Tropical Cyclone Irma Tropical Cyclone Irma Tropical Cyclone Irma Tropical Cyclone Harvey

**Back-up Region: 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.**