

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

Saturday, September 9, 2017

8:30 a.m. EDT

Significant Activity – Sep 8-9



Significant Events: Response to Harvey; Response/ Preparations for Hurricane Irma, Hurricane Jose

Tropical Activity:

- Atlantic – Hurricane Irma (CAT 4); Hurricane Jose (CAT 3); Tropical Depression Katia; Disturbance 1 – Low (10%)
- Eastern Pacific – No tropical cyclones expected next 5 days
- Central Pacific – No tropical cyclones expected next 5 days
- Western Pacific – No systems threatening U.S. Territories

Significant Weather:

- Flash flooding Possible – CA, NV, AZ, and UT
- Severe thunderstorms due to Hurricane Irma for southern FL; Flash flooding possible for coastal FL and GA
- Red Flag Warnings – ID and MT
- Elevated fire weather – MT; isolated dry thunderstorms – ID, MT, NV, UT & WY
- Space weather:
 - Past 24 hours: Severe; geomagnetic storms reaching G4 level, solar radiation storms reaching S2 level, and radio blackouts reaching R2 level occurred
 - Next 24 hours: Moderate; geomagnetic storms reaching G2 level, solar radiation storms reaching S1 level, and radio blackouts reaching R2 level expected

Earthquake Activity: No significant activity

Declaration Activity:

- Emergency Declaration approved – Georgia and Seminole Tribe of Florida
- Amendment #3 to FEMA-4317-DR-MO

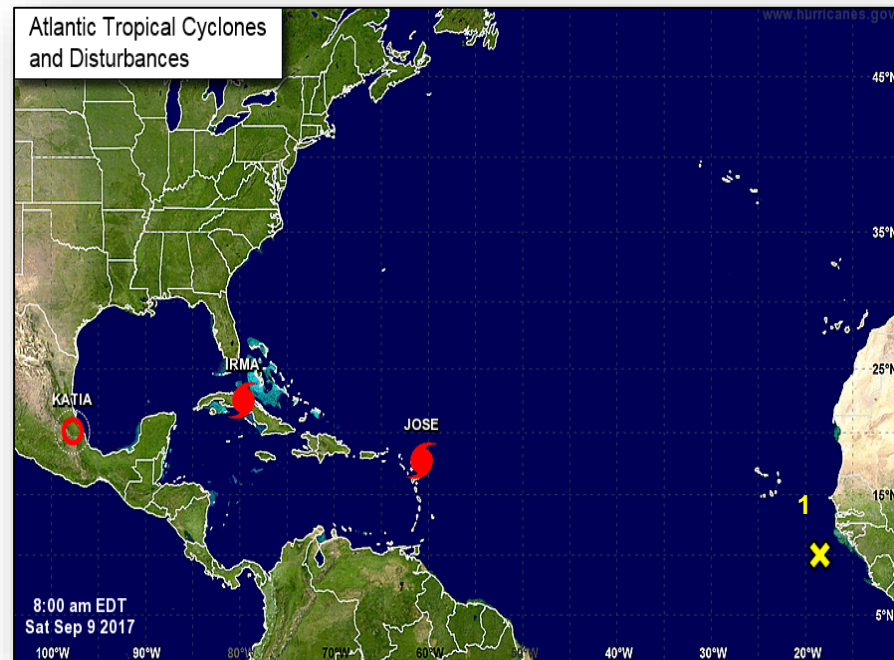
Tropical Outlook – Atlantic

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

- Located several hundred miles SE of the Carbo Verde Islands
- Moving WNW over eastern Atlantic Ocean
- Some gradual development possible
- Formation chance through 48 hours: Low (10%)
- Formation chance through 5 days: Low (30%)

Tropical Depression Katia (Advisory #15A, as of 8:00 a.m. EDT)

- Located 115 miles WNW of Veracruz, Mexico
- Moving WSW at 2 mph
- Maximum sustained winds 35 mph; expected to dissipate over the mountains of Mexico later today



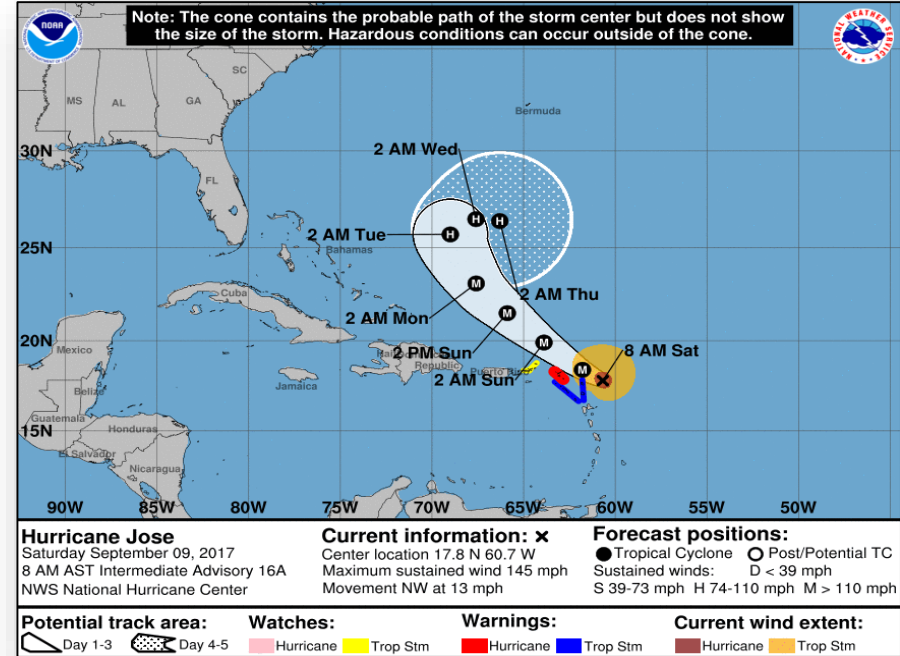
Hurricane Jose



FEMA

Hurricane JOSE (CAT 4) (Advisory #16A, as of 8:00 a.m. EDT)

- Located 160 miles E of the Northern Leeward Islands
- Moving NW at 13 mph
- Maximum sustained winds 145 mph
- Some fluctuation in intensity, up or down, could occur next 24 hours. Afterward, gradual weakening expected
- Hurricane force winds extend 35 miles; tropical storm force winds extend 140 miles
- Hurricane and Tropical Storm Watches and Warnings in effect



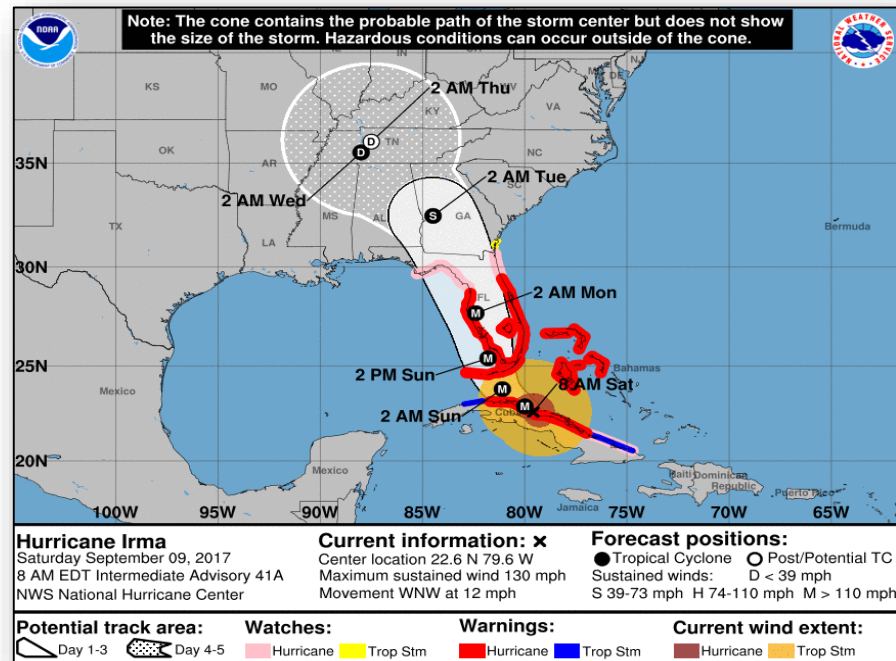
Hurricane Irma



FEMA

Hurricane IRMA (CAT 4) (Advisory #41A, as of 8:00 a.m. EDT)

- Located 245 miles S of Miami, FL
- Moving WNW at 12 mph; turn NW expected late today
- Maximum sustained winds have decreased to near 130 mph; remains a Category 4 hurricane as it approaches FL
- A northwest motion is expected to begin later today with a turn toward the north-northwest tonight or tomorrow
- Hurricane force winds extend 70 miles; tropical storm force winds extend 195 miles
- Hurricane, Tropical Storm, and Storm Surge Watches and Warnings in effect



Hurricane Irma Response/Preparations



FEMA

FEMA HQ

- NRCC: Level I (24/7) with all ESFs and LNOs; NWC: Steady State
- National IMATs: East 1 deployed to GA EOC; East 2 deployed to FL EOC
- FEMA Corps: Teams deployed to PR (1) and Atlanta, GA (1)
- Region X IMAT: Deployed to PR
- ISB at Randolph AFB, TX to support air operations; resources staged in GA, FL, PR and USVI
- US&R: 1,299 persons supporting operations in PR, USVI, & FL
- MERS/MCOV: deployed to support FEMA IMAT, US&R, ESF-8, NDMS, and ISB teams in TX, LA, FL, GA, SC, and NC

Hurricane Irma Impacts



FEMA

FEMA Region II

- RRCC: Level I (day shift); Level II (night shift) Watch: Steady State
- IMAT A: deployed to St. Croix, USVI
- IMAT B: deployed to USVI and PR
- IMAT C: deployed to PR
- Maynard MERS deployed to USVI and PR
- USACE, DMAT, and USGS in PR

USVI & Puerto Rico

- USVI and PR EOCs: Full Activation; [FEMA-4335-DR-USVI](#), [3384-EM-PR](#), and [3383-EM-USVI](#) approved; PR request for Expedited Major Disaster Declaration
- Fatalities: 5; injuries: unknown
- Shelters: 14 open with a population of 420
- Airports:
 - St. Thomas: closed to commercial traffic; open for military/emergency operations only
 - San Juan Airport: open
- Ports: All USVI ports closed; all PR ports have re-opened with a few exceptions
- Power outages:
 - PR: 870k (-128,213) customers without power (~55.4% of total customers, a decrease of 12.84%) (ESF 12, as of 9:03 pm EDT, September 8)
 - USVI: 20k customers without power in St. Thomas; 2.9k customers without power in St. John
- Water: 221k without water in PR (suspected to be linked to power outages)
- Hospitals: PR: 1 of 69 hospitals closed; 25 hospitals working on electric generators

Hurricane Irma Response/Preparations



FEMA

FEMA Region III

- RRCC: Level III (day shift only)
- IMAT-1: deployed to WV (*for FEMA-4331-DR-WV*)
- IMAT Purple: deployed to VA EOC
- VA: EOC will activate to Monitoring; declared a State of Emergency

Hurricane Irma Response/Preparations



FEMA

FEMA Region IV

- RRCC: Level I (24/7)
- IMAT-1: deployed to FL; IMAT-2: deployed to SC
- LNOs deployed to FL, NC, SC, GA EOCs; [LNO deploying to AL](#)

Florida

- EOC at Full Activation; State of Emergency declared; [FEMA-3385-EM-FL approved Sep 5](#)
- Seminole Tribe of FL; [FEMA-3388-EM approved Sep 8](#); 5 shelters are opening; offices and schools closed
- Evacuations: mandatory and voluntary for over 5 million residents
- Shelters: 249 shelters open with 48k occupants (*ARC Midnight Shelter Count as of 7:35 am EDT*)
- Two nuclear power plants (Turkey Point & St. Lucie) are preemptively shutting down today
- All schools and state offices closed
- Transportation:
 - Airports: Key West & Miami IAP closed
 - Rail: Amtrak ceasing operations between Miami & Orlando
- Ports: closed/closing from Florida Keys to Charleston, SC
- Hospitals: 13 in evacuation zone - 3 fully evacuated, 3 partially evacuated, remainder sheltering in place

Georgia

- EOC at Full Activation; State of Emergency declared; [FEMA-3387-EM-GA approved Sep 8](#)
- Evacuations: mandatory for six counties east of I-95
- Shelters: opening 50 shelters

South Carolina

- EOC at Full Activation; activated 900 Army National Guard personnel
- State of Emergency declared; [FEMA-3386-EM-SC approved Sep 6](#)

Alabama: EOC at Partial Activation; State of Emergency declared

North Carolina & Kentucky: EOCs at Monitoring

Tennessee: EOC returned to Normal Operations

Tropical Cyclone Harvey



Current Situation:

Response and recovery efforts continue; area rivers and bayous will continue to fall below major flood stage

Impacts:

- FEMA Modeling indicates of 2.7M homes across 29 counties impacted
- **Transportation:** flooding continues to hinder traffic on roads and bridges
- **Communications:** 103k landline customers out of service
- **Medical:** 7 hospitals remain closed
- **Power outages:** 12k (-15) customers without power in TX* (as of 8:00 a.m. EDT)

Response:

FEMA Region VI

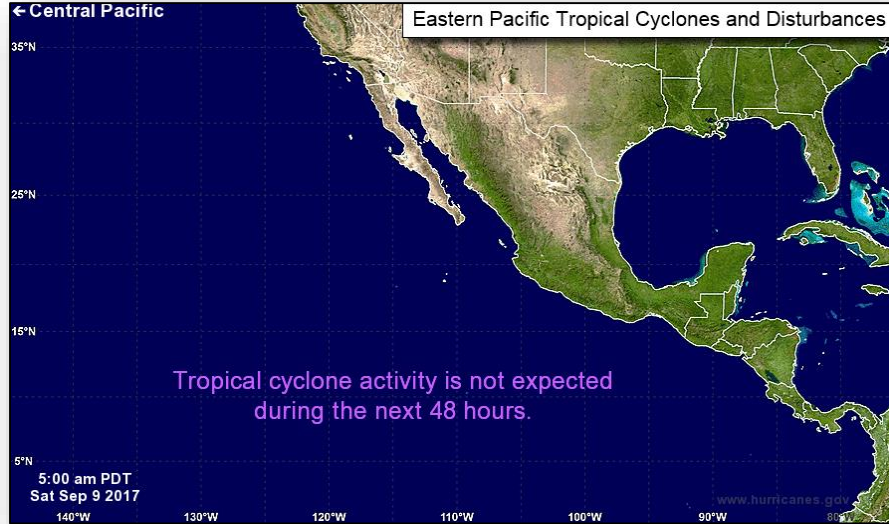
- **RRCC:** de-activated; RWC: Steady State
- Region VI IMAT-1: deployed to TX
- Region VI IMAT-2: deployed to TX
- **Region VI IMAT-3: deployed to LA**
- TX EOC at Full Activation

FEMA Headquarters

- NRCC: Level I (24/7) with all ESFs and LNOs; 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

***Note:** 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 – Eastern Pacific

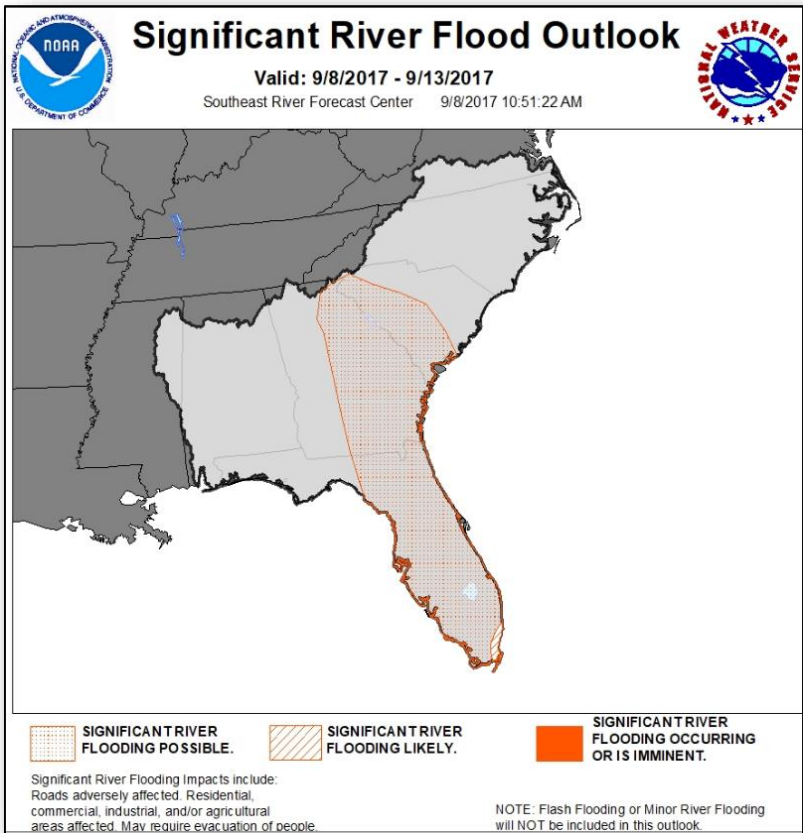


48-Hour Outlook

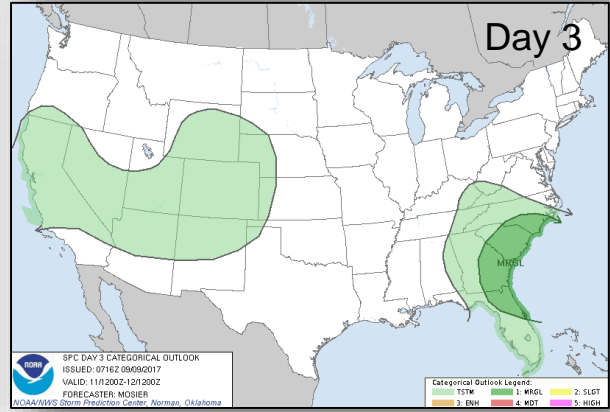
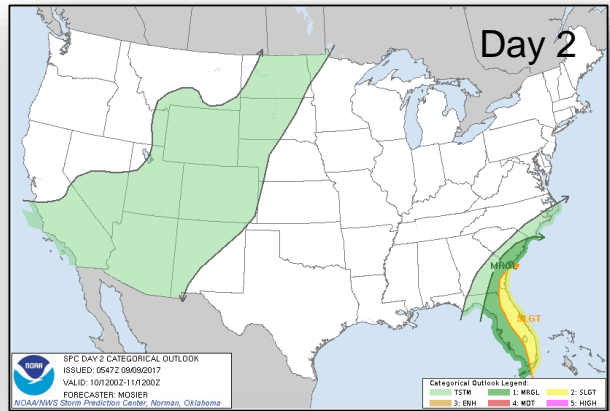
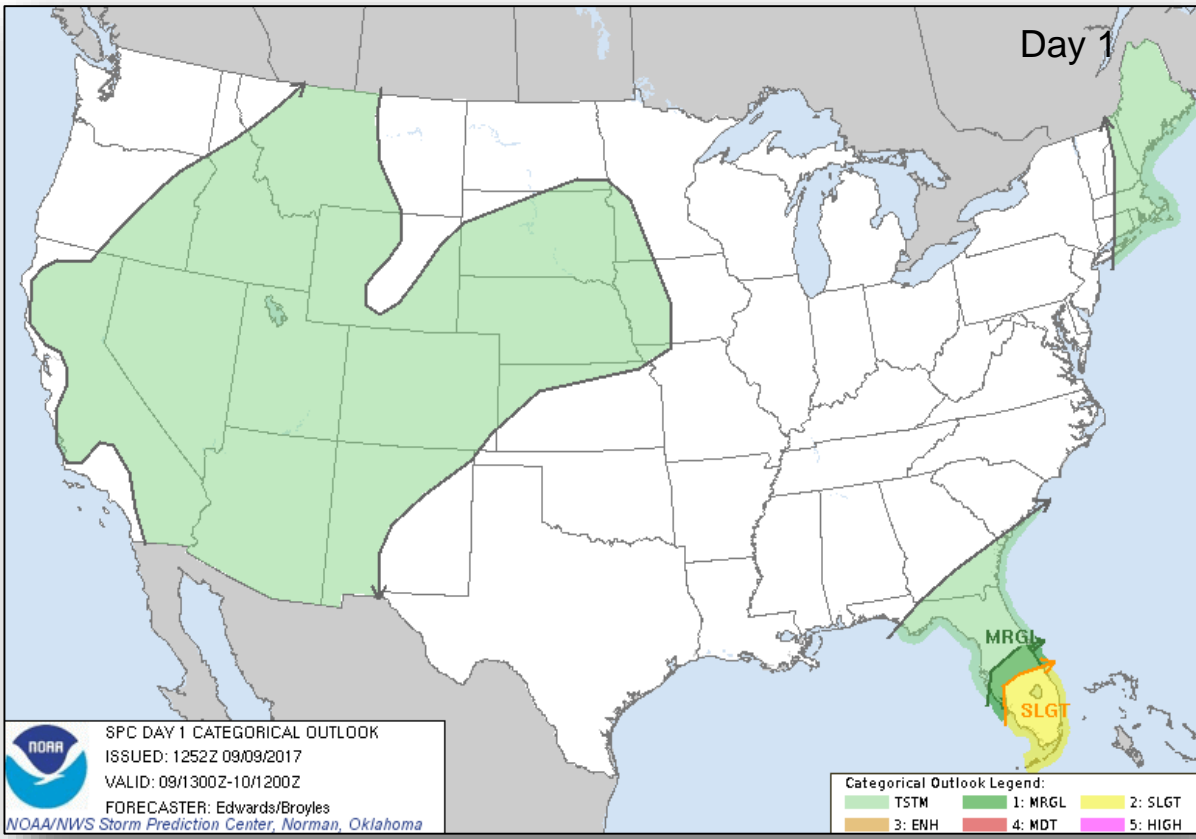


5 Day Outlook

Southeast River Flood Outlook



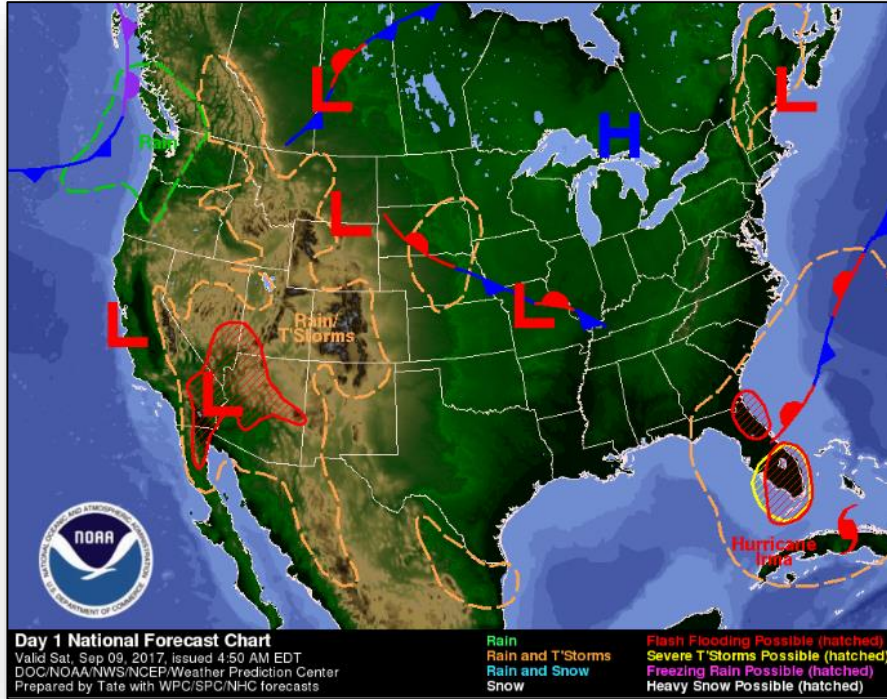
Severe Weather Outlook – Days 1-3



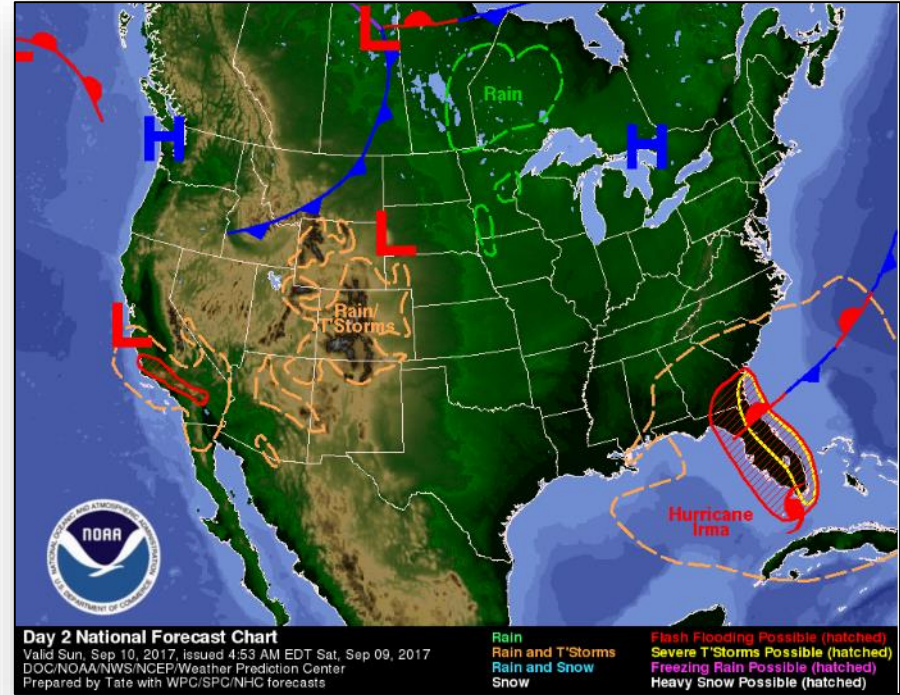
National Weather Forecast



FEMA



Today

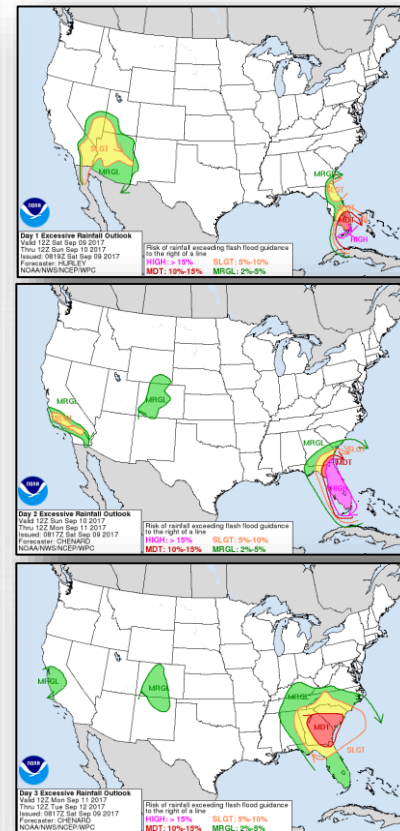
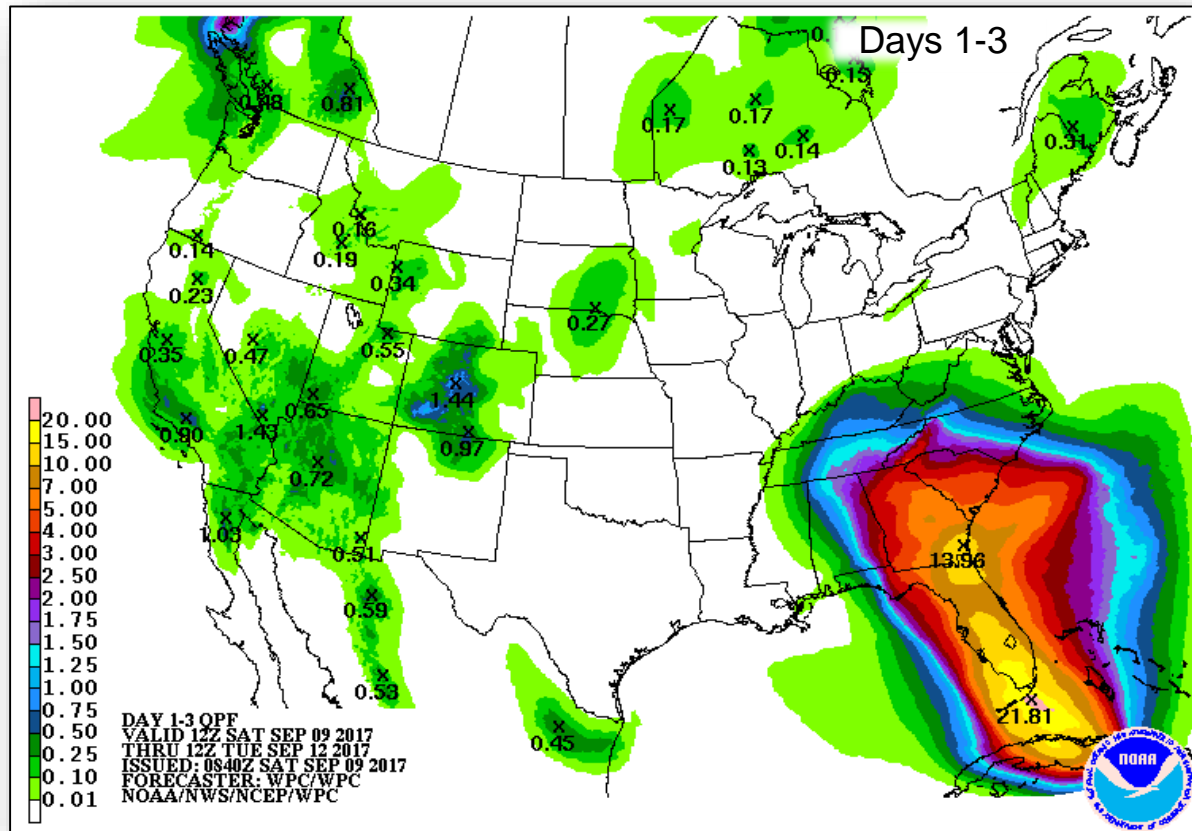


Tomorrow

Precipitation Forecast



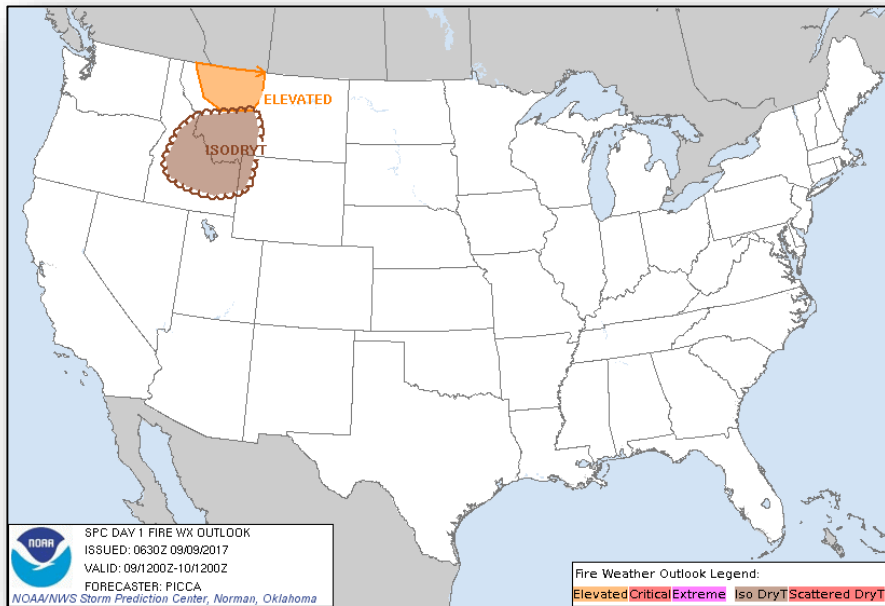
FEMA



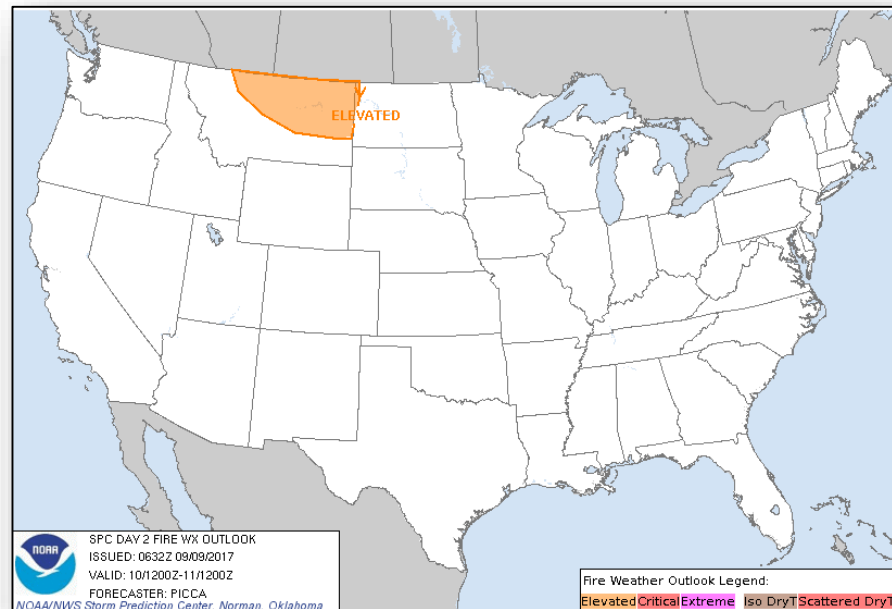
Fire Weather Outlook



FEMA



Today

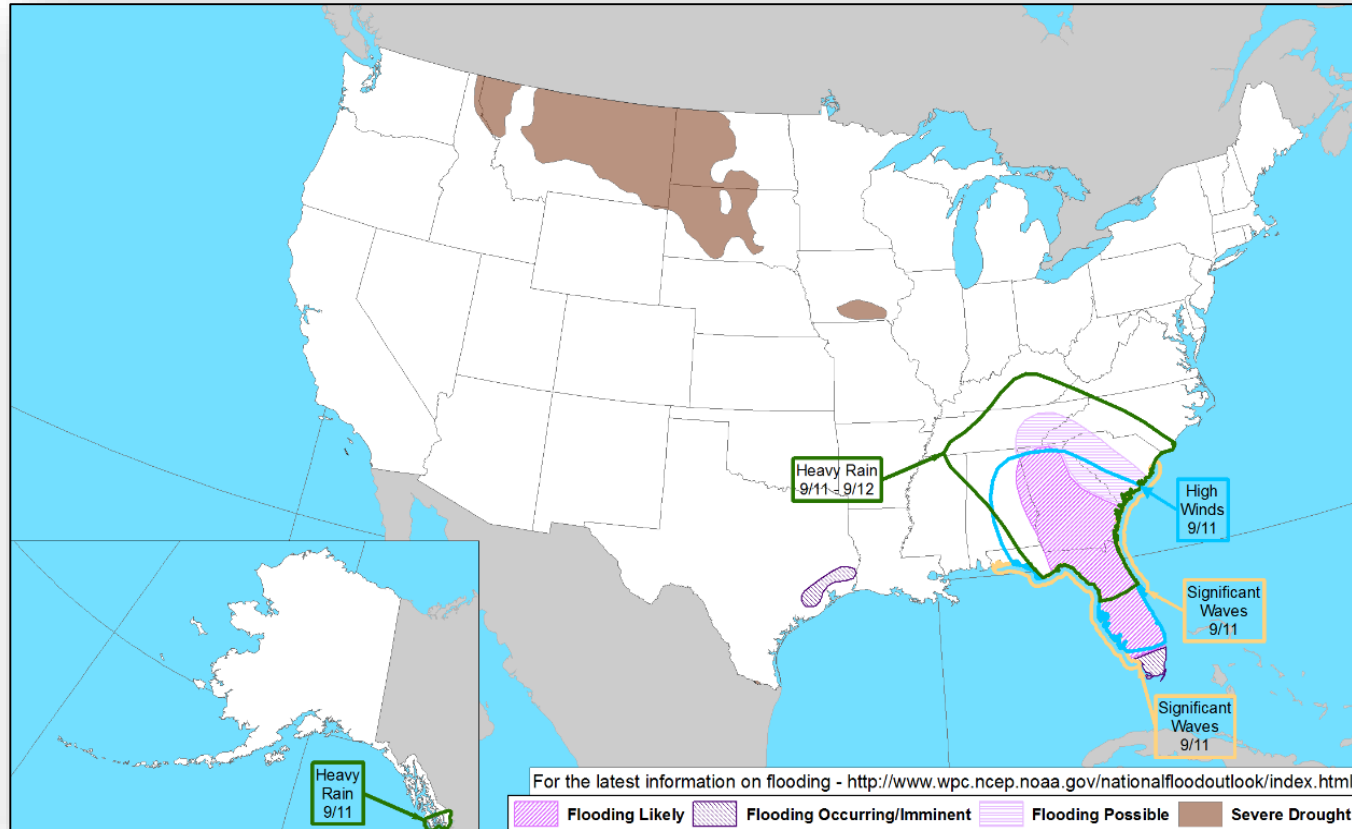


Tomorrow

Hazards Outlook – September 11-15



FEMA

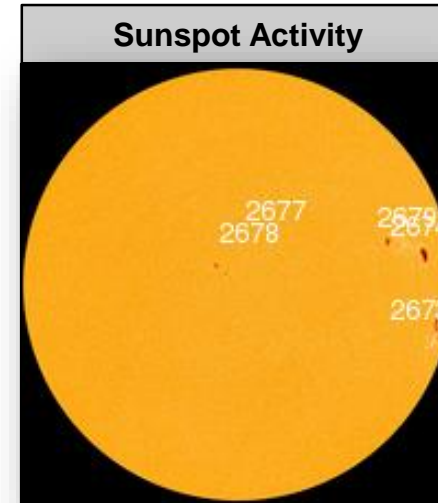
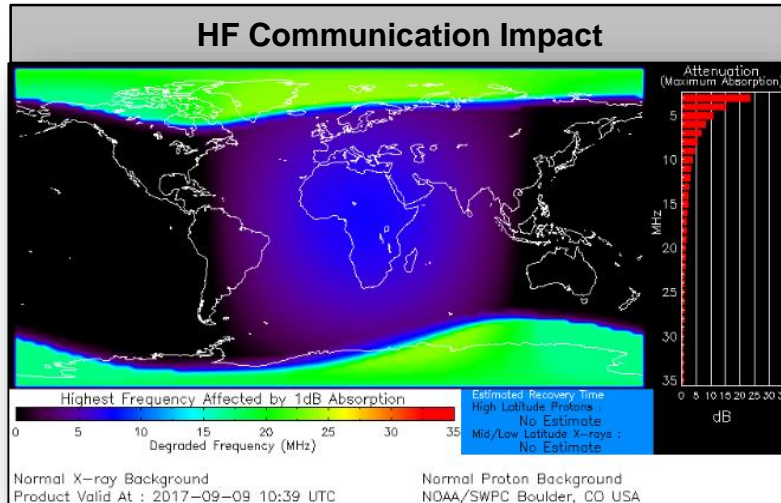


Space Weather



FEMA

	Space Weather Activity	Geomagnetic Storms	Solar Radiation	Radio Blackouts
Past 24 Hours	Severe	G4	S2	R2
Next 24 Hours	Moderate	G2	S1	R2
For further information on NOAA Space Weather Scales refer to http://www.swpc.noaa.gov/noaa-scales-explanation				



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	20,354 (+62)	40%	Mandatory	5,250 (4,000 homes)	8 (4 homes)	133 (72 homes)	0 / 2
Railroad (Madera & Mariposa)	5202-FM-CA Sept 2, 2017	12,344 (+245)	55% (+5)	Mandatory	150 (-361) (150 homes)	0	17 (5 homes)	1 / 5
Mission (Madera) FINAL	5204-FM-CA Sept 4, 2017	1,035	60% (+20)	Lifted	237 (237 homes)	4 (-4) (4 homes)	7 (+4) (3 homes)	0 / 0
Pier (Tulare)	5205-FM-CA Sept 5, 2017	24,949 (+724)	40% (+5)	Mandatory	554 (-60) (540 homes)	0	2	0 / 5
Oregon (2)								
Chetco Bar (Curry)	5198-FM-OR August 20, 2017	177,693 (+392)	5%	Mandatory	12,286 (8,523 homes)	9 (1 home)	30 (6 homes)	0 / 3
Eagle Creek (Hood River)	5203-FM-OR Sept 3, 2017	33,382	7%	Mandatory	5,230 (5,230 homes)	0	4 (4 homes)	0 / 0
Washington (1)								
Jolly Mountain (Kittitas)	5200-FM-WA Sept 2, 2017	26,325	8%	Mandatory	5,277 (4,204 homes)	0	0	0 / 6 (+1)

Declaration Request



FEMA

Puerto Rico

- Governor requested an Expedited Major Disaster Declaration on September 7, 2017
- For Hurricane Irma beginning on September 5, 2017 and continuing
- Requesting:
 - Individual Assistance for 2 municipalities
 - Public Assistance for 2 municipalities
 - Hazard Mitigation for all areas of the Commonwealth of Puerto Rico



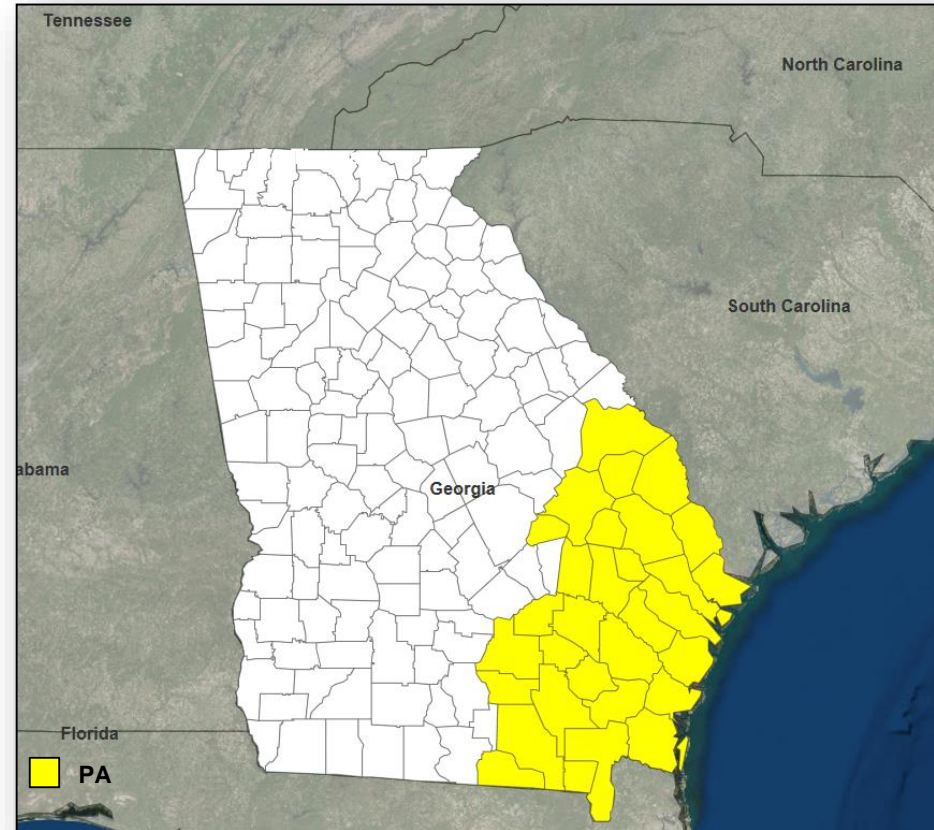
Declaration Approved



FEMA

FEMA-3387-EM-GA

- Emergency Declaration approved on September 8, 2017 for the State of Georgia
- For Hurricane Irma beginning on September 7, 2017 and continuing
- Provides:
 - Debris removal and emergency protective measures (Categories A and B), including direct federal assistance under the Public Assistance program at 75 percent federal funding for 30 counties

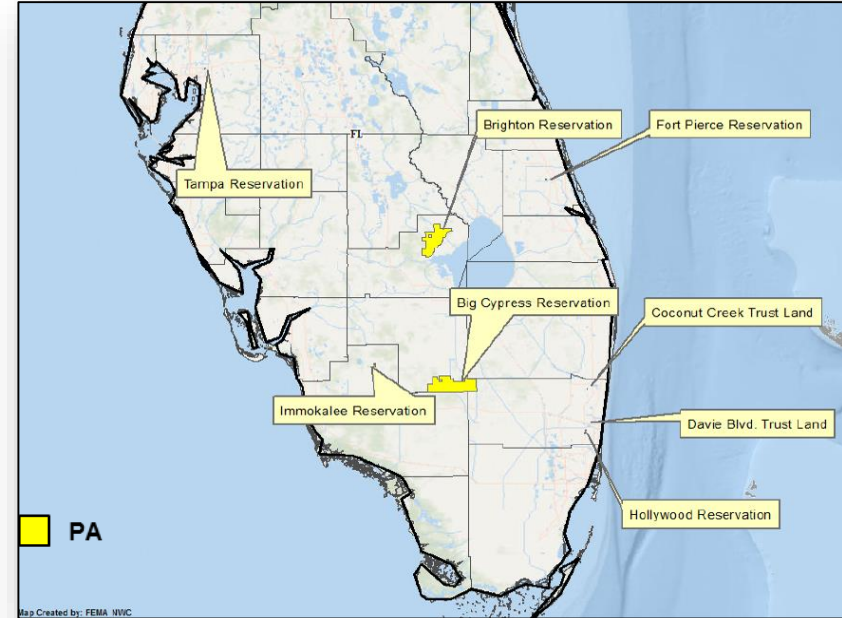


Declaration Approved



FEMA-3388-EM

- Emergency Declaration approved September 8, 2017 for the Seminole Tribe of Florida
- For Hurricane Irma beginning on September 4, 2017 and continuing
- Provides:
 - Debris removal and emergency protective measures (Categories A and B), including direct federal assistance, under the Public Assistance program at 75 percent federal funding. This assistance is for the Seminole Tribe of Florida and associated lands
- FCO is Justo Hernandez



Disaster Requests & Declarations



FEMA

Declaration Requests in Process					Requests APPROVED (since last report)	Requests DENIED (since last report)
9	IA	PA	HM	Requested	2	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	August 31, 2017		
GA – EM Hurricane Irma		X		September 7, 2017	Declared September 8, 2017	
Seminole Tribe of Florida – EM Hurricane Irma		X		September 6, 2017	Declared September 8, 2017	
PR – DR (Expedited) Hurricane Irma	X	X	X	September 7, 2017		

Disaster Amendments

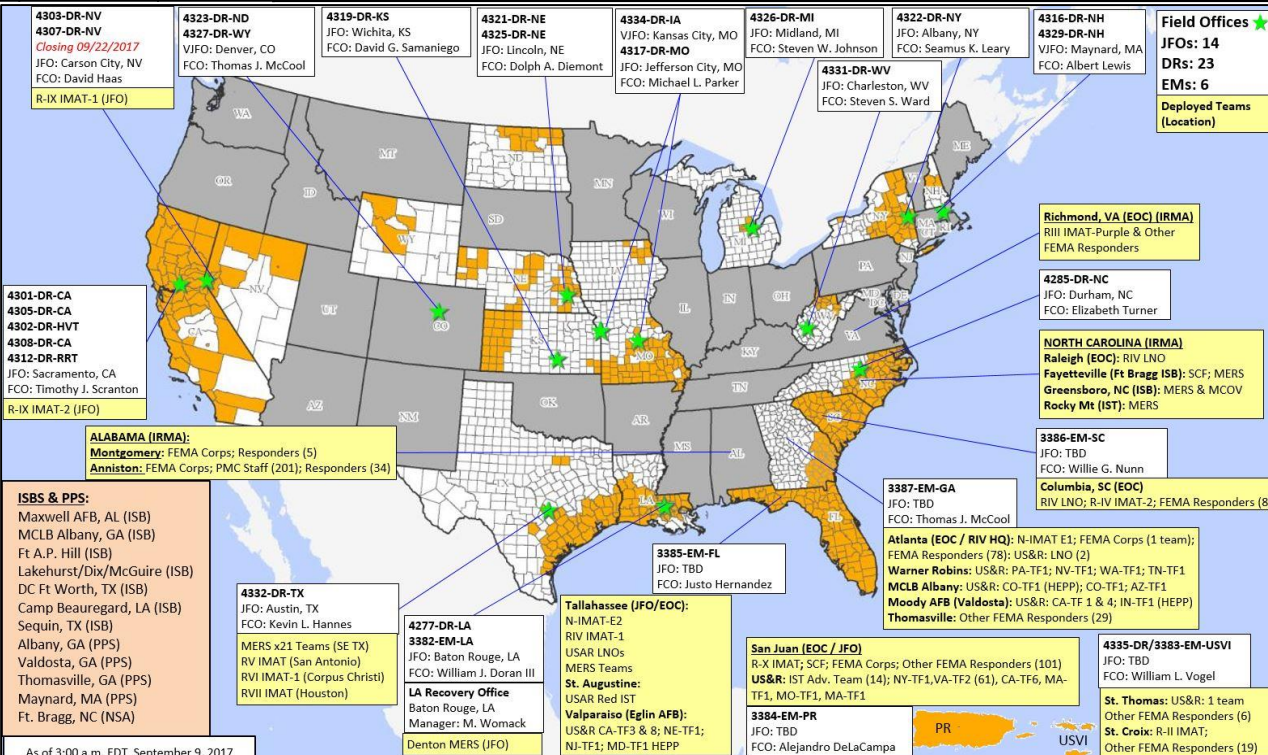


Amendment	Effective Date	Action
Amendment No. 3 to FEMA-4317-DR-MO	September 1, 2017	Appoints Constance C. Johnson-Cage as the Federal Coordinating Officer

Readiness – Deployable Teams and Assets



FEMA

Resource	Force Strength	Available	Deployed	Other	Cadres with Less than 25%: DI: 11% (13/121); DSA: 7% (57/827); EHP: 16% (51/312) FLDR: 23% (38/168); HR: 17% (42/253); LOG: 4% (44/1,100); IA: 12% (275/2,246); FM: 20% (58/293); IT: 13% (80/624); SEC: 13% (13/97); SAF: 22% (13/60) ; OPS: 18% (46/249); PL: 24% (105/443); NDRS: 19% (33/171)
Total Workforce	10,964▲	2,108▲ 19%	6,857▼	1,999	
National IMATs* (1-2 Teams)	East 1:	Deployed			
	East 2:	Deployed			
	West:	Deployed			
Regional IMATs (0-3 Teams)	Assigned:	13			
	Available:	1			
	PMC / NMC:	0			
	Deployed:	12			
US&R (≤ 33%)	Assigned:	28			
	Available:	11			
	PMC / NMC:	2			
	Deployed:	15			
MERS (≤ 33%)	Assigned:	36			
	Available:	12			
	NMC:	0			
	Deployed:	24			
FCO (≤1 Type I)	Assigned:	36			
	Available:	6			
	PMC / NMC:	2			
	Deployed:	28			
FDRC	Assigned:	11			
	Available:	3			
	PMC / NMC:	2			
	Deployed:	6			

4303-DR-NV
4307-DR-NV
Closing 09/22/2017
JFO: Carson City, NV
FCO: David Haas
R-IX IMAT-1 (JFO)

4323-DR-ND
4327-DR-WY
JIFO: Denver, CO
FCO: Thomas J. McCool

4319-DR-KS
JFO: Wichita, KS
FCO: David G. Samaniego

4321-DR-NE
4325-DR-NE
JFO: Lincoln, NE
FCO: Dolph A. Diemont

4334-DR-IA
JIFO: Kansas City, MO
4317-DR-MO
JFO: Jefferson City, MO
FCO: Michael L. Parker

4326-DR-MI
JFO: Midland, MI
FCO: Steven W. Johnson

4322-DR-NY
JFO: Albany, NY
FCO: Seamus K. Leary

4316-DR-NH
4329-DR-NH
JIFO: Maynard, MA
FCO: Albert Lewis

4331-DR-WV
JFO: Charleston, WV
FCO: Steven S. Ward

4301-DR-CA
4305-DR-CA
4302-DR-HVT
4308-DR-CA
4312-DR-RRT
JFO: Sacramento, CA
FCO: Timothy J. Scranton
R-IX IMAT-2 (JFO)

ALABAMA (IRMA):
Montgomery: FEMA Corps; Responders (5)
Anniston: FEMA Corps; PMC Staff (201); Responders (34)

ISBS & PPS:
Maxwell AFB, AL (ISB)
MCLB Albany, GA (ISB)
Ft A.P. Hill (ISB)
Lakehurst/Dix/McGuire (ISB)
DC Ft Worth, TX (ISB)
Camp Beauregard, LA (ISB)
Sequin, TX (ISB)
Albany, GA (PPS)
Valdosta, GA (PPS)
Thomasville, GA (PPS)
Maynard, MA (PPS)
Ft. Bragg, NC (NSA)

4332-DR-TX
JFO: Austin, TX
FCO: Kevin L. Hannes

4327-DR-LA
3382-EM-LA
JFO: Baton Rouge, LA
FCO: William J. Doran III

MERS x21 Teams (SE TX)
RV IMAT (San Antonio)
RVI IMAT-1 (Corpus Christi)
RVII IMAT (Houston)

LA Recovery Office
Baton Rouge, LA
Manager: M. Womack
Denton MERS (JFO)

4335-DR-FL
JFO: TBD
FCO: Justo Hernandez

Tallahassee (JFO/EOC):
N-IMAT-E2
RIV IMAT-1
USAR LNOs
MERS Teams
St. Augustine:
USAR Red IST
Valparaiso (Eglin AFB):
US&R CA-TF3 & 8; NE-TF1;
NJ-TF1; MD-TF1 HEPP

San Juan (EOC / JFO)
R-X IMAT; SCF; FEMA Corps; Other FEMA Responders (101)
US&R: IST Adv. Team (14); NY-TF1,VA-TF2 (61), CA-TF6, MA-TF1, MO-TF1, MA-TF1

3384-EM-PR
JFO: TBD
FCO: Alejandro DeLaCampa

4335-DR/3383-EM-USVI
JFO: TBD
FCO: William L. Vogel

St. Thomas: US&R: 1 team
Other FEMA Responders (6)
St. Croix: R-II IMAT;
Other FEMA Responders (19)

Field Offices ★
JFOs: 14
DRs: 23
EMS: 6
Deployed Teams (Location)

Richmond, VA (EOC) (IRMA)
RIII IMAT-Purple & Other FEMA Responders

4285-DR-NC
JFO: Durham, NC
FCO: Elizabeth Turner

NORTH CAROLINA (IRMA)
Raleigh (EOC): RIV LNO
Fayetteville (Ft Bragg ISB): SCF; MERS
Greensboro, NC (ISB): MERS & MCOV
Rocky Mt (IST): MERS

3386-EM-SC
JFO: TBD
FCO: Willie G. Nunn

Columbia, SC (EOC)
RIV LNO; R-IV IMAT-2; FEMA Responders (8)

Atlanta (EOC / RIV HQ): N-IMAT E1; FEMA Corps (1 team); FEMA Responders (78); US&R: LNO (2)
Warner Robins: US&R: PA-TF1; NV-TF1; WA-TF1; TN-TF1
MCLB Albany: US&R: CO-TF1 (HEPP); CO-TF1; AZ-TF1
Moody AFB (Valdosta): US&R: CA-TF1 & 4; IN-TF1 (HEPP)
Thomasville: Other FEMA Responders (29)

As of 3:00 a.m. EDT September 9, 2017

*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 Irma
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 Not Activated	Day shift Day shift / Night shift Day shift 24/7	Tropical Cyclone Irma Tropical Cyclone Irma Tropical Cyclone Irma Tropical Cyclone Irma

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.