

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, September 8, 2017

8:30 a.m. EDT

Significant Activity – Sep 7-8



Significant Events: Response to Harvey; Hurricane Irma, Hurricane Jose

Tropical Activity:

- Atlantic – Hurricane Irma (CAT 4); Hurricane Jose (CAT 3); Hurricane Katia (CAT 1); Disturbance 1 – Low (near 0%)
- Eastern Pacific – No tropical cyclones expected next 5 days
- Central Pacific – No tropical cyclones expected next 5 days
- Western Pacific – Invest 94W - High

Significant Weather:

- Flash flooding Possible – CA, NV, AZ, & UT
- Red Flag Warnings – MT, UT & OR
- Elevated fire weather – MT, ND & SD; 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 R3 level occurred
 - Next 24 hours: Strong; geomagnetic storms reaching G3 level, solar radiation storms reaching S2 level, and radio blackouts reaching R2 level expected

Earthquake Activity: M8.1 off coast of Mexico

Declaration Activity:

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

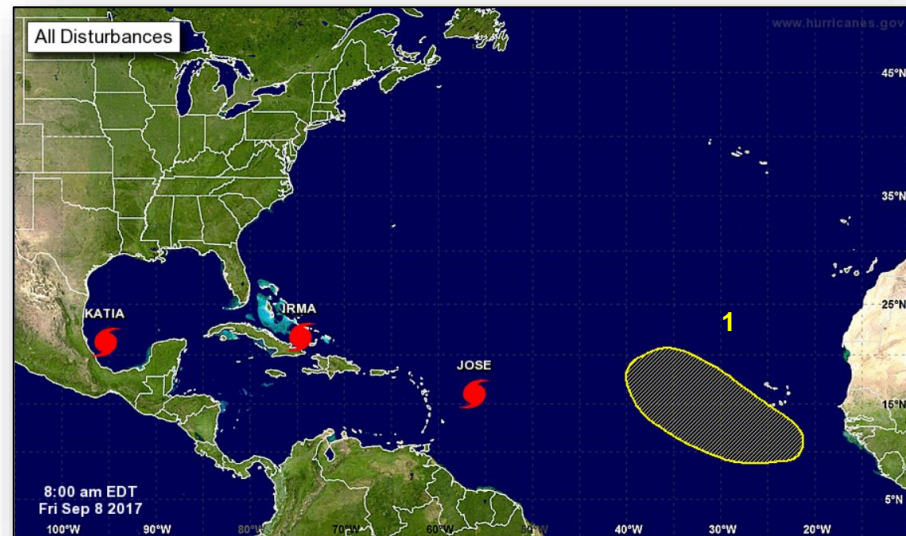
Tropical Outlook – Atlantic



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

- Expected to emerge off coast of Africa by tomorrow morning
- Moving WNW over eastern Atlantic Ocean
- Conditions only expected to support gradual development through early next week
- Formation chance through 48 hours: Low (near 0%)
- Formation chance through 5 days: Low (20%)



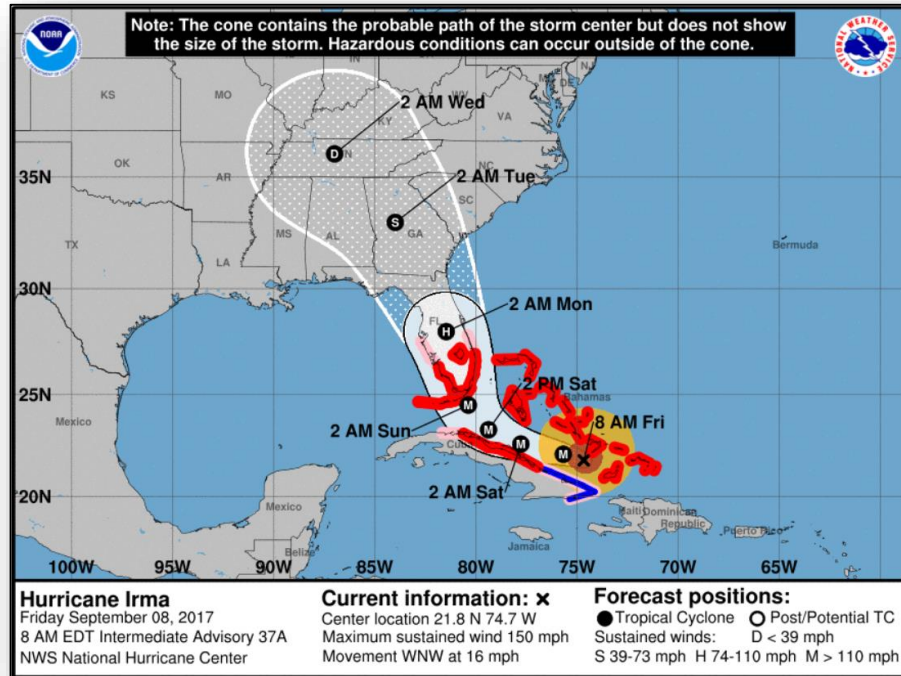
Hurricane Irma



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Hurricane IRMA (CAT 4) (Advisory #37A, as of 8:00 a.m. EDT)

- Located 450 miles SE of Miami, FL
- Moving WNW at 16 mph; turn NW expected late Saturday
- Maximum sustained winds 150 mph; some fluctuations in intensity likely next day or two, but forecast to remain a Category 4 or 5 hurricane
- Hurricane force winds extend 70 miles; tropical storm force winds extend 185 miles
- Hurricane and Storm Surge Watches and Warnings in effect



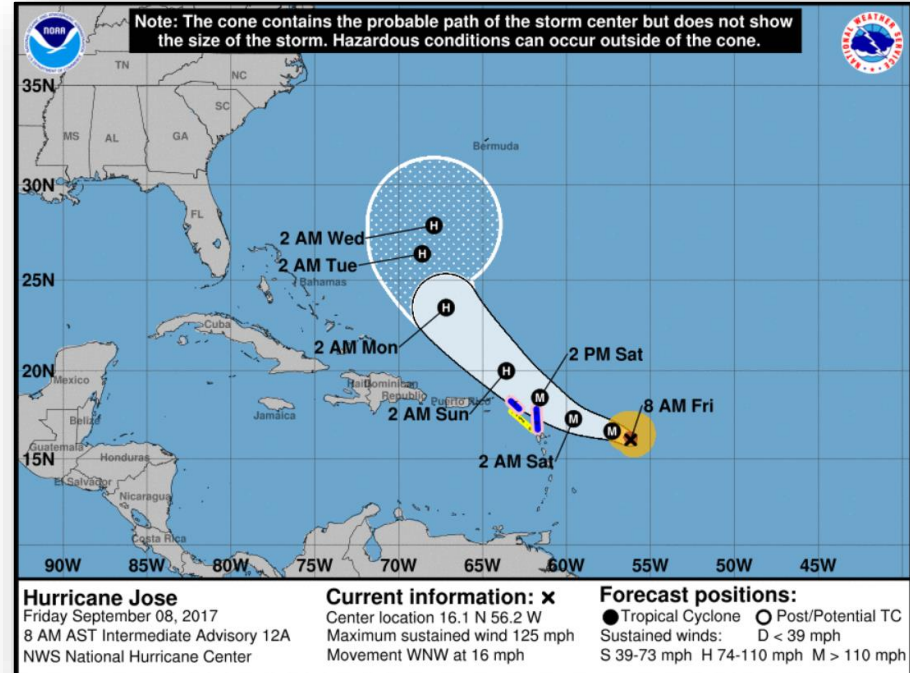
Hurricane Jose



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Hurricane JOSE (CAT 3) (Advisory #12A, as of 8:00 a.m. EDT)

- Located 480 miles ESE of northern Leeward Islands
- Moving WNW at 16 mph
- Maximum sustained winds 125 mph
- Some slight strengthening possible later today or tonight
- Hurricane force winds extend 35 miles; tropical storm force winds extend 115 miles



Hurricane Katia



Hurricane KATIA (CAT 1) (Advisory #11A, as of 8:00 a.m. EDT)

- Located 140 miles NNE of Veracruz, Mexico
- Moving WSW at 3 mph; this general motion expected to continue until it makes landfall early Saturday
- Maximum sustained winds 90 mph; some additional strengthening forecast next day or so; could be near major hurricane strength at landfall
- Hurricane force winds extend 10 miles; tropical storm force winds extend 60 miles



Hurricane Irma



FEMA Region II

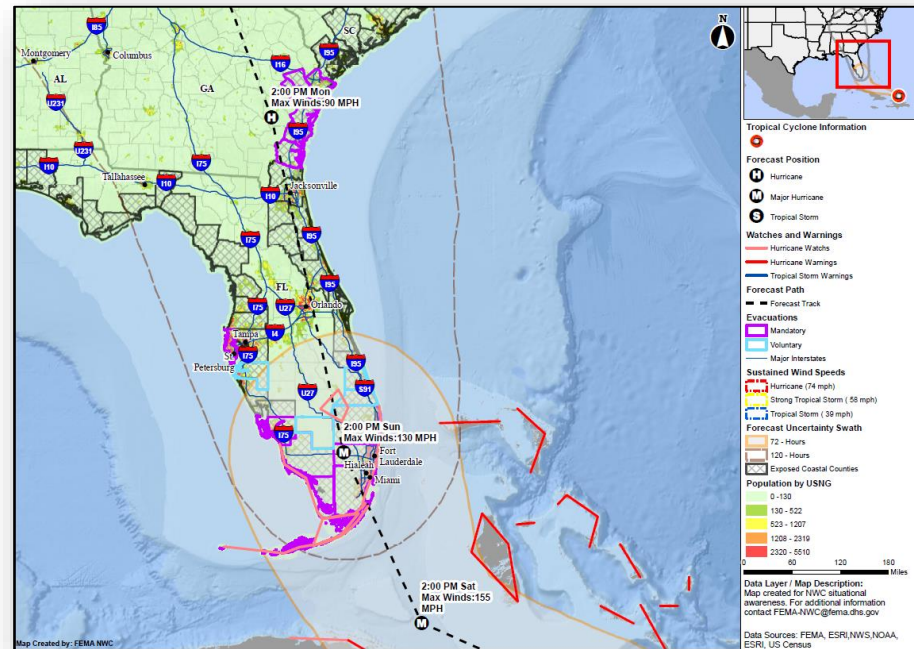
- RRCC: Level I (day shift); Level II (night shift) Watch: Steady State
- Emergency Declarations for PR and USVI; USVI and PR EOCs: Full Activation
- IMAT A: Deployed to St. Croix, USVI
- IMAT B: Deployed to USVI
- IMAT C: Deployed to PR
- Maynard MERS deployed to USVI and PR
- USACE, DMAT, and USGS in PR
- Ports in USVI and PR are closed (port condition ZULU)
- **USVI: six shelters with 298 occupants (ESF-6 Update, September 7, 2017 8:23 a.m. EDT)**

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**

FEMA Region IV

- RRCC: Level I (24/7)
- IMAT-1: deployed to FL; IMAT-2: deployed to SC
- LNO deployed to FL, NC, SC, **GA** EOCs
- **Regional Hurricane Liaison Team (HLT) deployed to NHC**
- FL, **GA & SC** EOCs at Full Activation; TN and **NC** EOCs at Monitoring
- GA, NC, and SC Governors declared States of Emergency



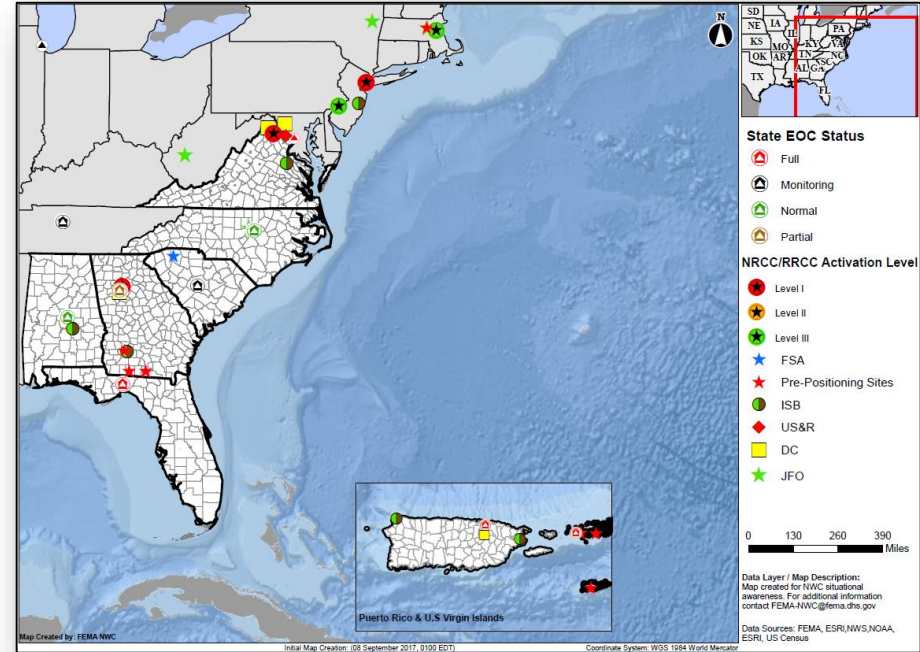
Hurricane Irma



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FEMA HQ

- NRCC: Level I (24/7) with all ESFs and LNOs; NWC: Steady State
- National IMAT-East 1 deployed to GA EOC
- National IMAT-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: VA-TF1 deployed to PR; Red IST staged in VA; eight Task Forces and three HEPPs standing by



Tropical Cyclone Harvey



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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:** 27k (-13) customers without power in TX (as of 8:00 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
- 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

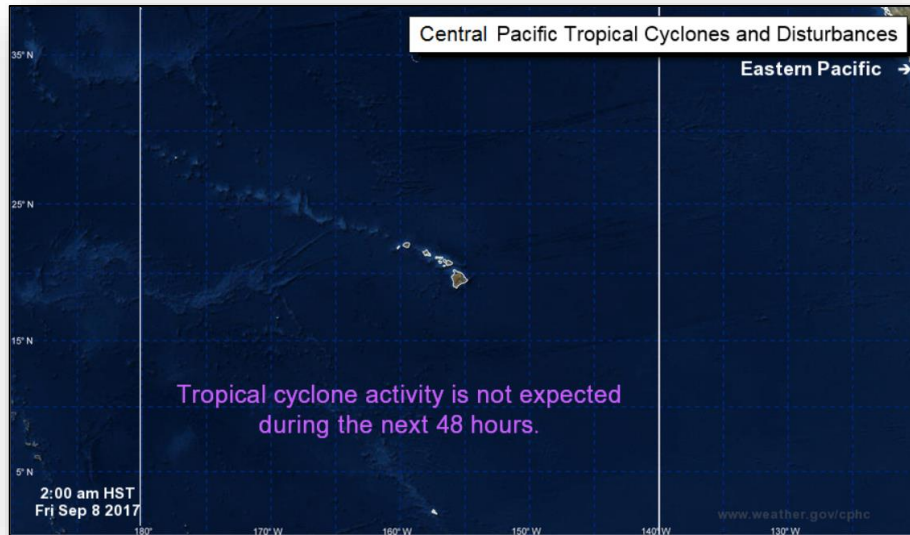


5 Day Outlook

Tropical Outlook – Central Pacific



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48-Hour Outlook



5 Day Outlook

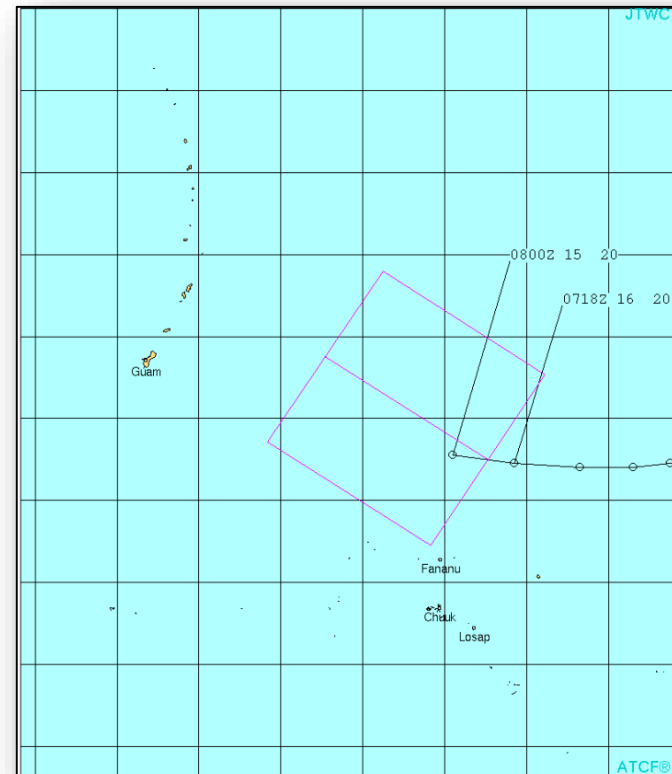
Tropical Outlook – Western Pacific



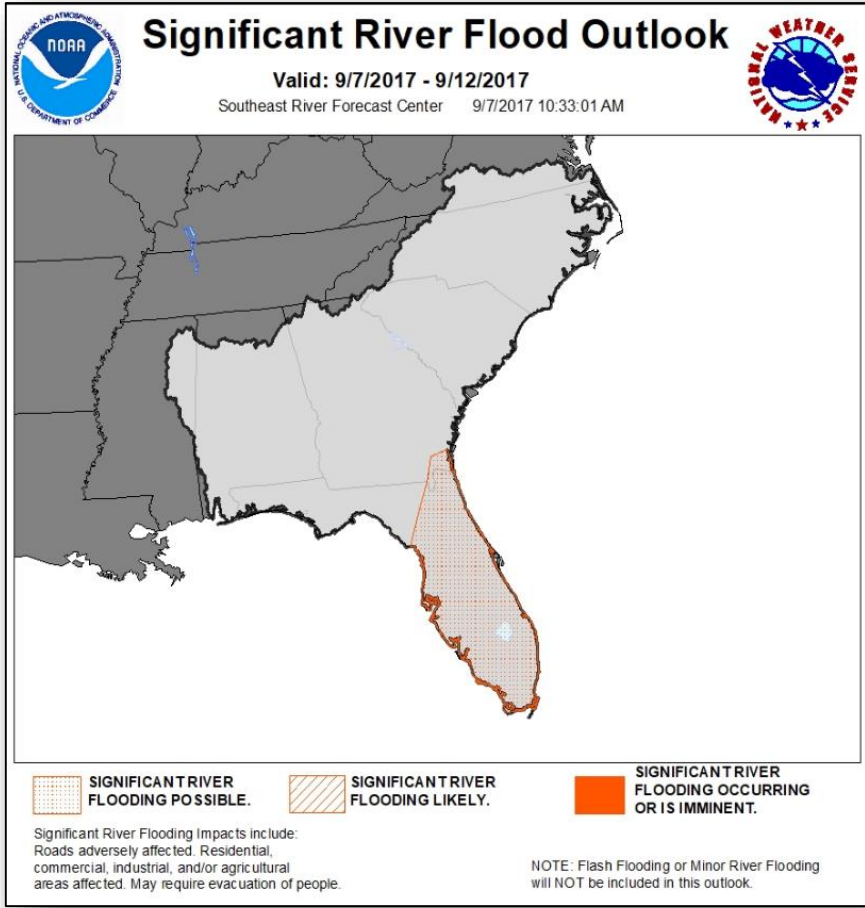
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Invest 94W (as of 10:00 p.m. EDT)

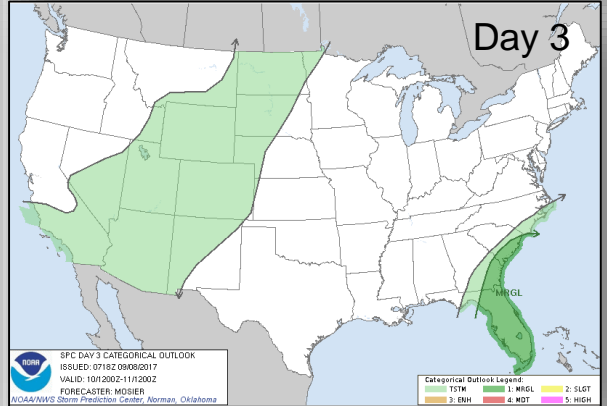
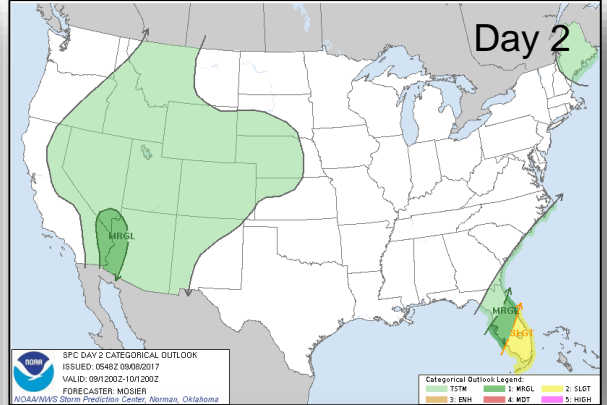
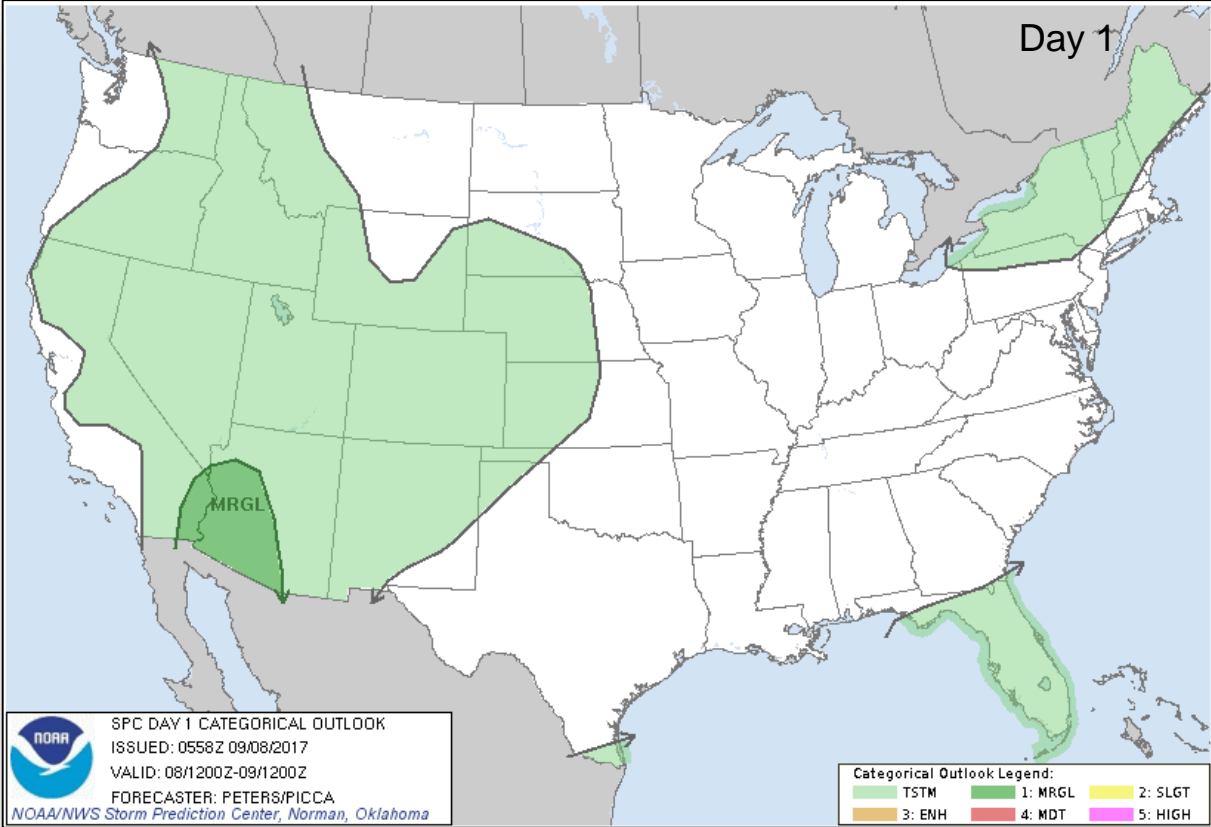
- Located 259 miles N of Chuuk Island, Federated States of Micronesia (FSM)
- Moving W at 17 mph
- Maximum sustained winds 21-26 mph
- Significant development indicated within 24-48 hours
- Formation chance next 24 hours: High
- Tropical Cyclone Formation Alert (TCFA) issued



Southeast River Flood Outlook



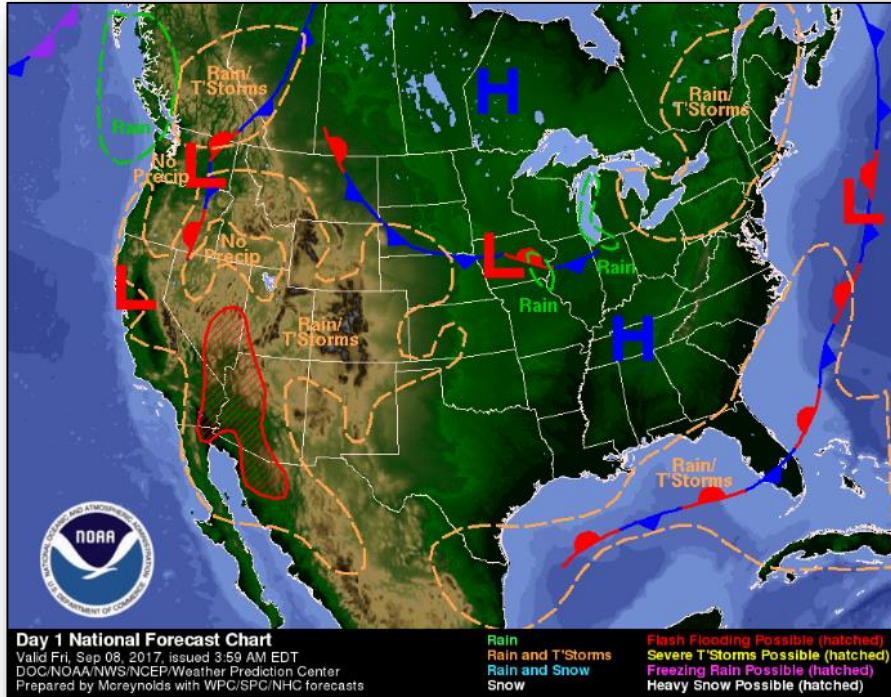
Severe Weather Outlook – Days 1-3



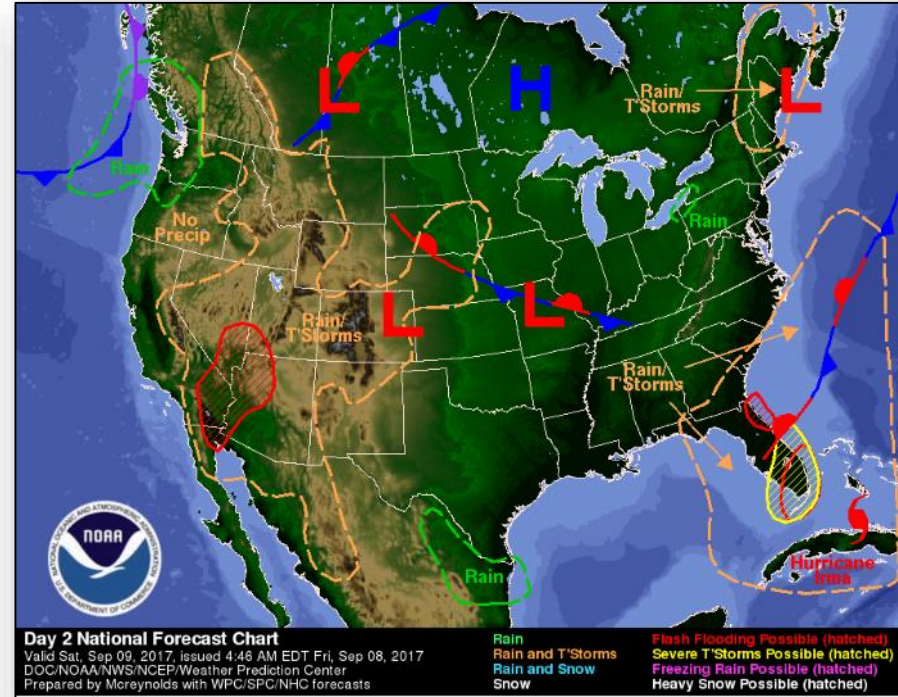
National Weather Forecast



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Today

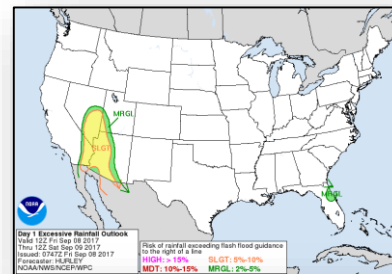
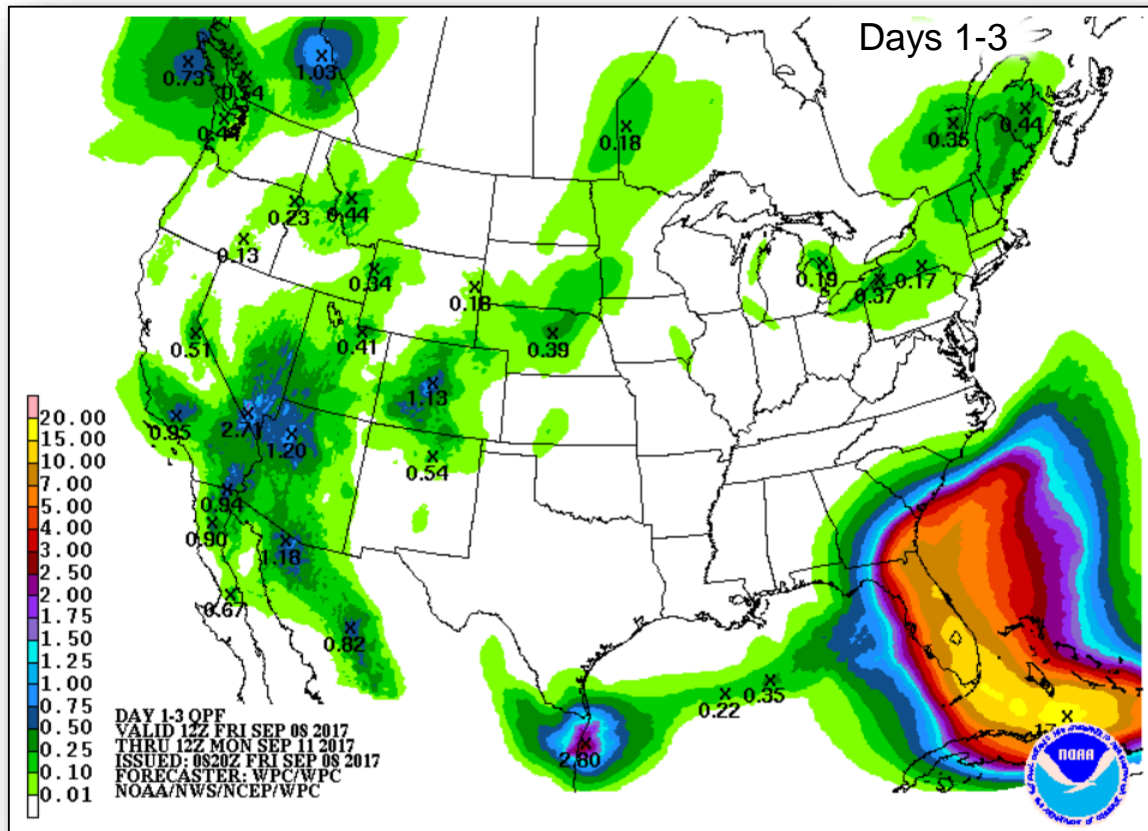


Tomorrow

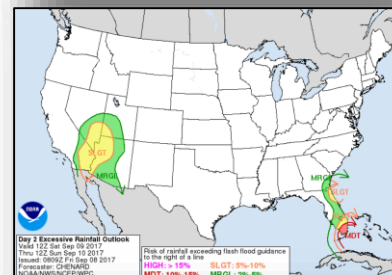
Precipitation Forecast



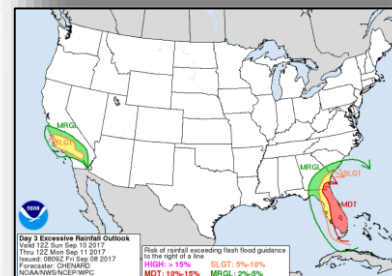
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Day 1



Day 2

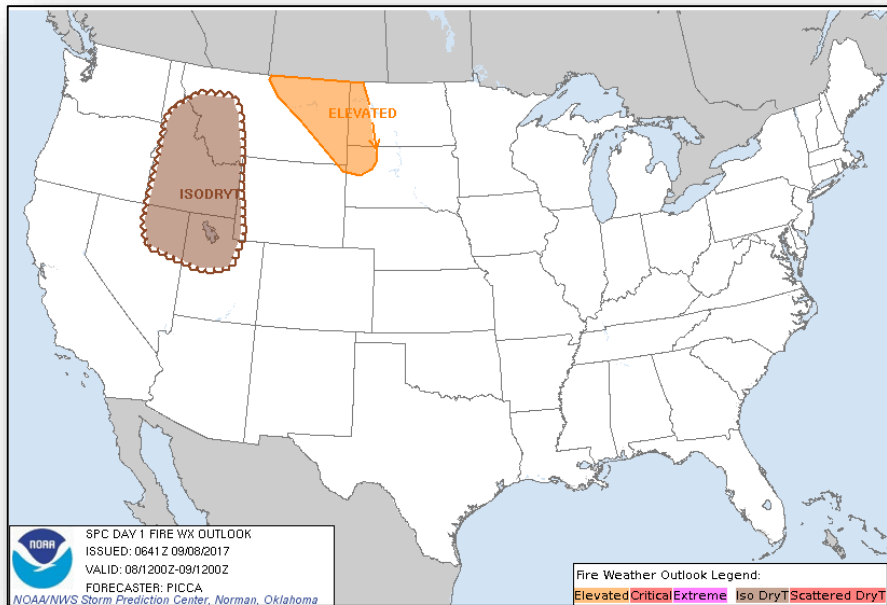


Day 3

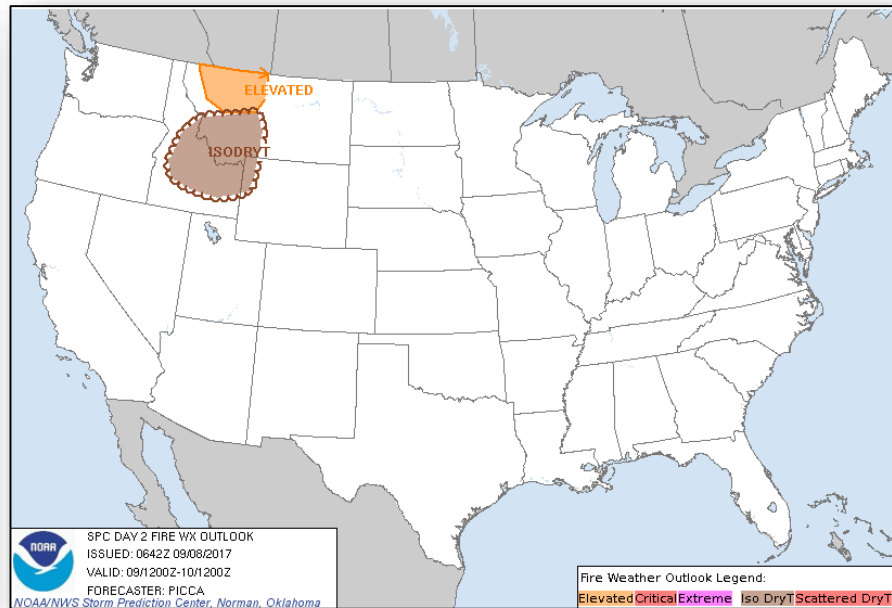
Fire Weather Outlook



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Today

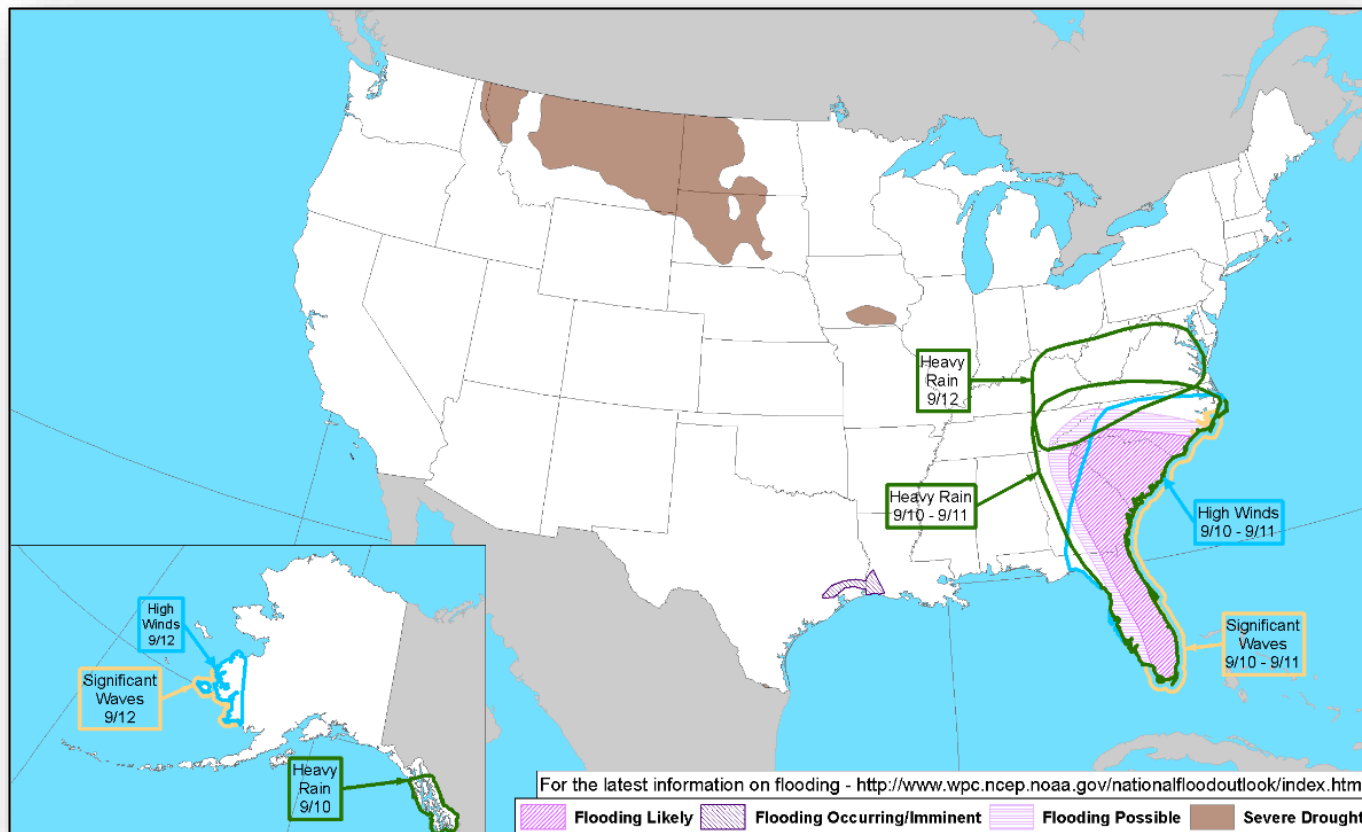


Tomorrow

Hazards Outlook – Sep 10-14



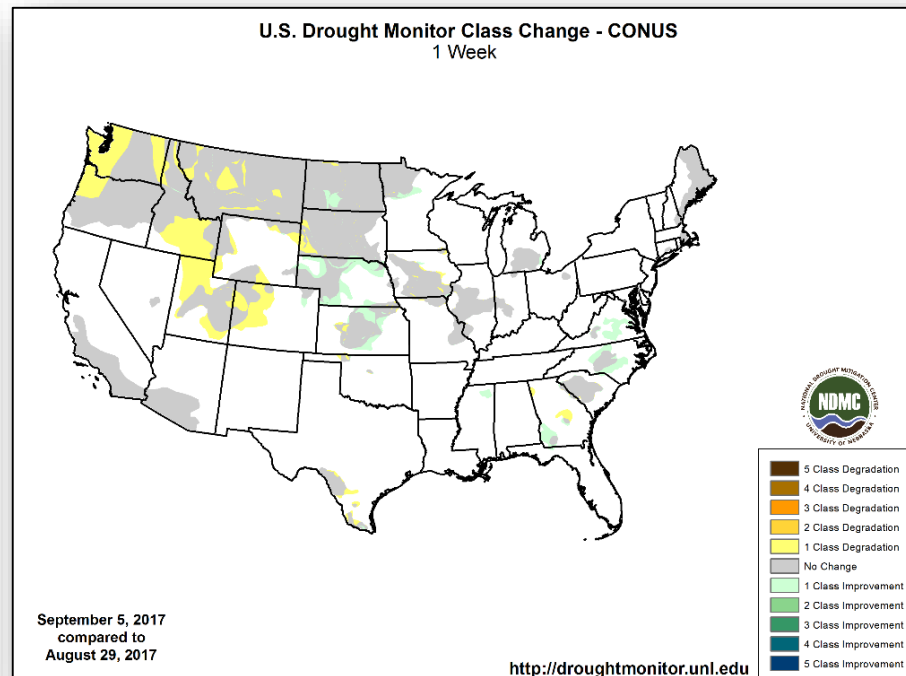
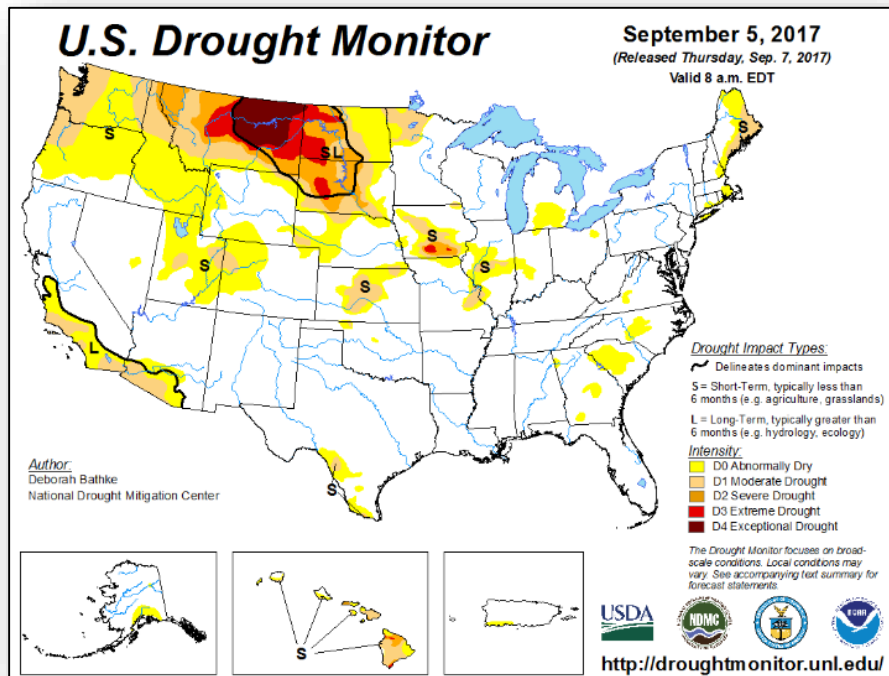
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U.S. Drought Monitor



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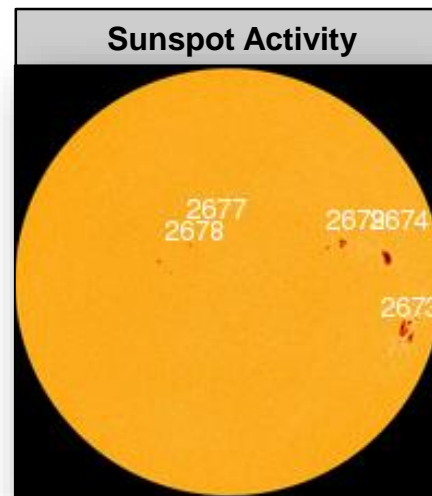
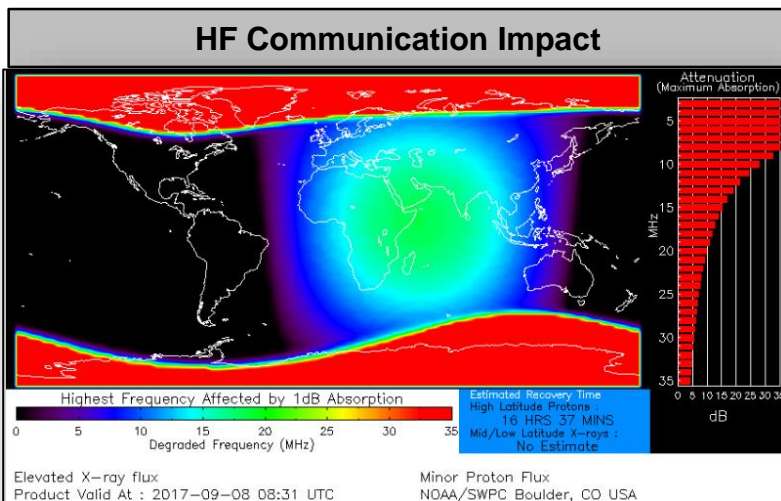


Space Weather

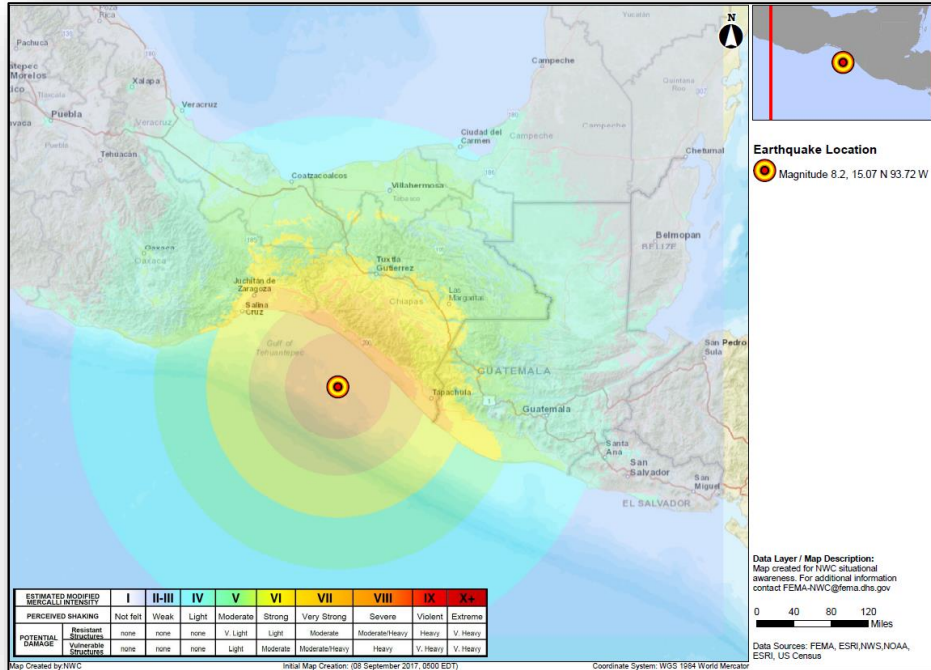


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	Space Weather Activity	Geomagnetic Storms	Solar Radiation	Radio Blackouts
Past 24 Hours	Severe	G4	S2	R3
Next 24 Hours	Strong	G3	S2	R2
For further information on NOAA Space Weather Scales refer to http://www.swpc.noaa.gov/noaa-scales-explanation				



Significant Earthquake Activity



M8.1 Offshore of Chiapas, Mexico

- Occurred at 12:49 a.m. EDT, September 8, 2017
 - 60 miles SW of Chiapas, Mexico
 - Depth of 22 miles
- Red PAGER Alert issued indicating high casualties and extensive damage are probable and the disaster is likely widespread. Estimated economic losses are less than 1% of the GDP of Mexico
- Level VIII on Modified Mercalli Intensity scale - 547k exposed to severe shaking
- Media reports 6 fatalities and widespread damage
- Government of Mexico has not requested international assistance
- No FEMA employees on official travel in Mexico
- **No major tsunami threat to Hawaii, Guam/CNMI, American Samoa or other U.S. interests**

Wildfire Summary



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	20,292 (+4,412)	40% (+10)	Mandatory	5,250 (4,000 homes)	8 (4 homes)	133 (72 homes)	0 / 2
Railroad (Madera & Mariposa)	5202-FM-CA Sept 2, 2017	12,099 (+496)	50% (+7)	Mandatory	511 (500 homes)	0	17 (5 homes)	1 / 5
Mission (Madera)	5204-FM-CA Sept 4, 2017	1,035	40% (+25)	Mandatory	237 (237 homes)	8 (4 homes)	3 (3 homes)	0 / 0
Pier (Tulare)	5205-FM-CA Sept 5, 2017	24,225 (+3,966)	35% (+10)	Mandatory	604 (604 homes)	0	2	0 / 5
Oregon (2)								
Chetco Bar (Curry)	5198-FM-OR August 20, 2017	177,301 (+531)	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 (+2,453)	7% (+2)	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 (+1,811)	8% (+3)	Mandatory	5,277 (4,204 homes)	0	0	0 / 5 (+1)

Joint Preliminary Damage Assessments



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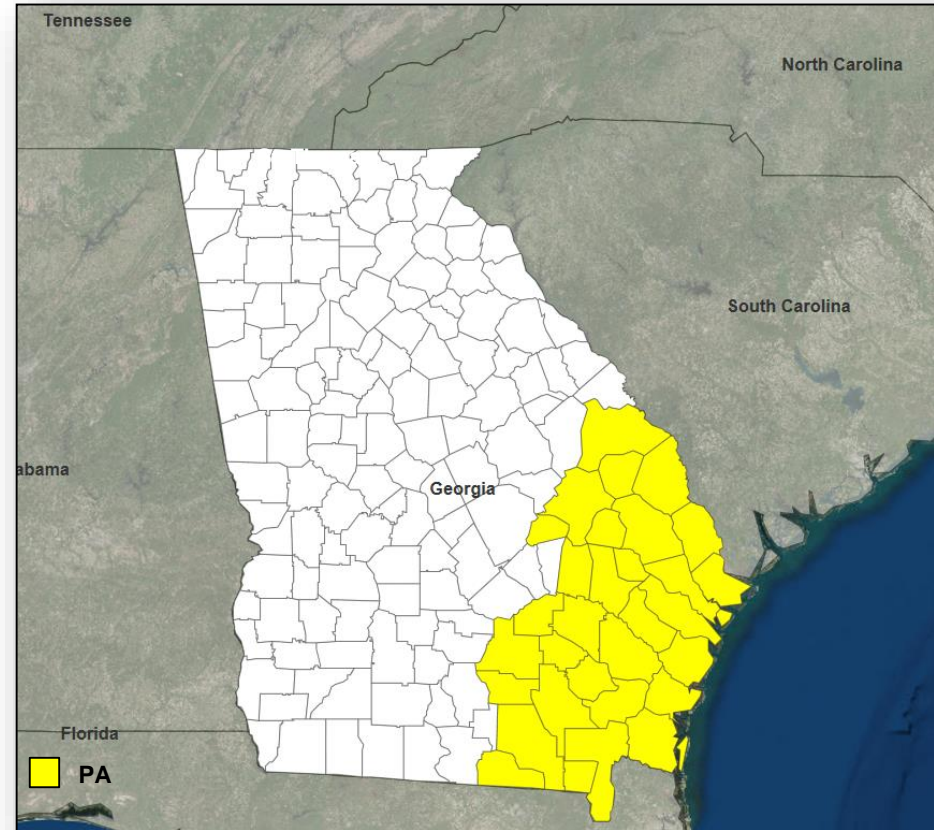
Region	State / Location	Event	IA/PA	Number of Counties		Start – End
				Requested	Completed	
VI	NM	Severe Storms August 3, 2017	IA	0	0	N/A
			PA	1	0	Sep 6 – TBD
IX	AZ	Excessive Rainfall July 23-24, 2017	IA	0	0	N/A
			PA	1	0	Sep 6 – TBD

Declaration Request



Georgia

- Governor requested an Emergency Declaration on September 7, 2017 for the State of Georgia
- For Hurricane Irma beginning on September 7, 2017 and continuing
- Requesting:
 - Debris removal and emergency protective measures (Categories A and B), including direct federal assistance under the Public Assistance program for 30 counties



Declaration Approved



FEMA

FEMA-4335-EM-USVI

- Emergency Declaration approved September 7, 2017 for the Territory of the U.S. Virgin Islands
- For Hurricane Irma beginning on September 6, 2017 and continuing
- Provides:
 - Individual Assistance for the islands of St. John and St. Thomas
 - Debris removal and emergency protective measures (Categories A and B), including direct federal assistance, under the Public Assistance program, for all islands in the Territory of the U.S. Virgin Islands:
- FCO is William L. Vogel



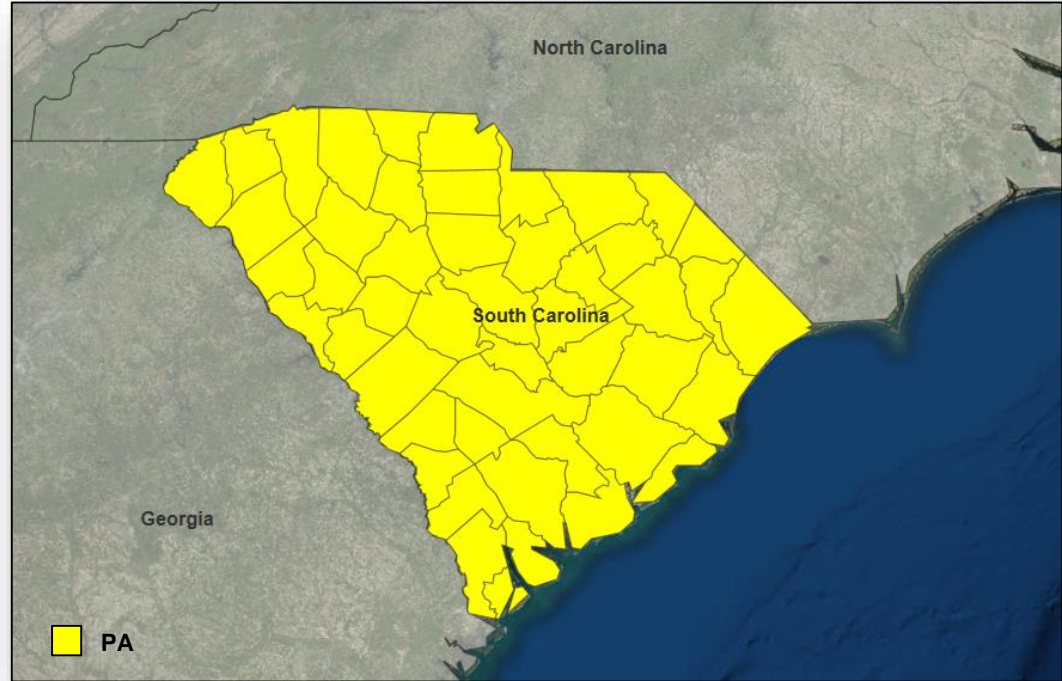
Declaration Approved



FEMA

FEMA-3386-EM-SC

- Emergency Declaration approved September 7, 2017 for the state of South Carolina
- For Hurricane Irma beginning on September 6, 2017 and continuing
- Provides:
 - Emergency protective measures (Category B), including direct federal assistance, under the Public Assistance program at 75 percent federal funding, for all 46 counties and the Catawba Indian Nation
- FCO is Willie G. Nunn



Disaster Requests & Declarations



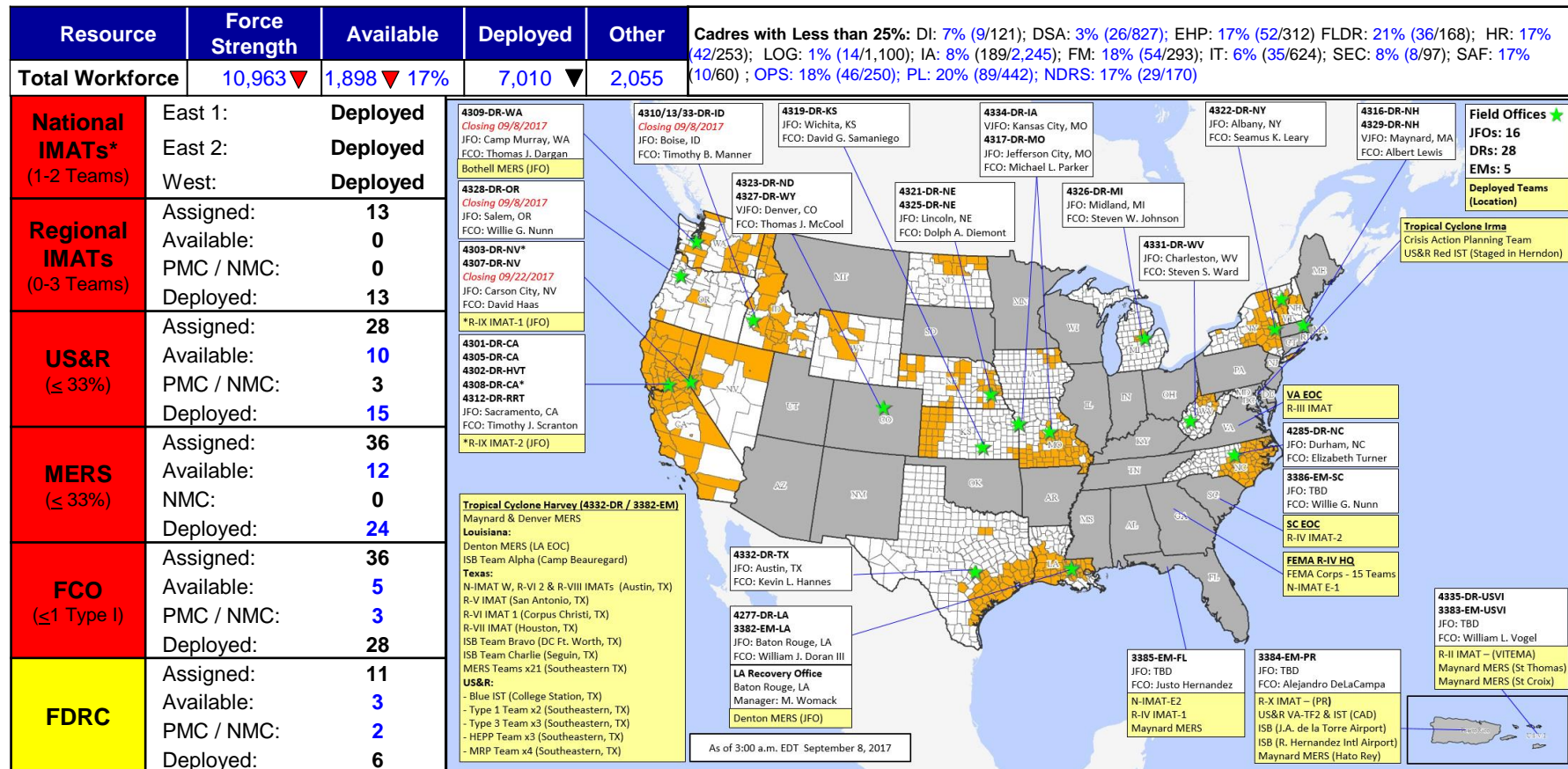
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Declaration Requests in Process					Requests APPROVED (since last report)	Requests DENIED (since last report)
9	IA	PA	HM	Requested	2	0
NY – DR (Expedited) Flooding	X	X	X	July 6, 2017		
ID – DR Flooding		X	X	July 20, 2017		
ND – DR Drought	X	X	X	August 7, 2017		
WI – DR Severe Storms, Straight-line Winds, Flooding, Landslides, Mudslides		X	X	August 23, 2017		
ND – 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		
GA – EM Hurricane Irma		X		September 7, 2017		
USVI – DR (Expedited) Hurricane Irma	X	X	X	September 6, 2017	Declared September 7, 2017	
SC – EM Hurricane Irma		X		September 6, 2017	Declared September 7, 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	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 Level II	Day shift Day shift / Night shift Day shift 24/7 24/7	Tropical Cyclone Irma Tropical Cyclone Irma Tropical Cyclone Irma Tropical Cyclone Irma Tropical Cyclone Harvey

Back-up Region: V



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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.