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When disaster mitigation is cost effective, we are on the road to bringing disasters to an end.



# FEMA

## Daily Operations Briefing

**Monday, September 10, 2018**  
**8:30 a.m. EDT**

# Significant Activity –Sep 9-10



FEMA

**Significant Events:** Hurricane Florence; Hurricane Olivia; Typhoon Mangkhut

**Tropical Activity:**

- Atlantic – Hurricane Florence; Hurricane Isaac; Hurricane Helene; Disturbance 1: Medium (40%); Disturbance 2: Medium (40%)
- Eastern Pacific –Tropical Storm Paul
- Central Pacific – Hurricane Olivia (CAT 1)
- Western Pacific – Typhoon Mangkhut

**Significant Weather:**

- Flash flooding possible – Southern Plains to Lower Mississippi; Mid-Atlantic to New England
- Critical\Elevated Fire Weather – Nevada, Idaho, Montana, Utah, Wyoming

**Declaration Activity:**

- Major Disaster Declaration Request for Hawaii
- Emergency Declaration Request for South Dakota
- Emergency declaration Request for Commonwealth of the Northern Marianas Islands
- Amendment No. 4 to FEMA-4353-DR-CA

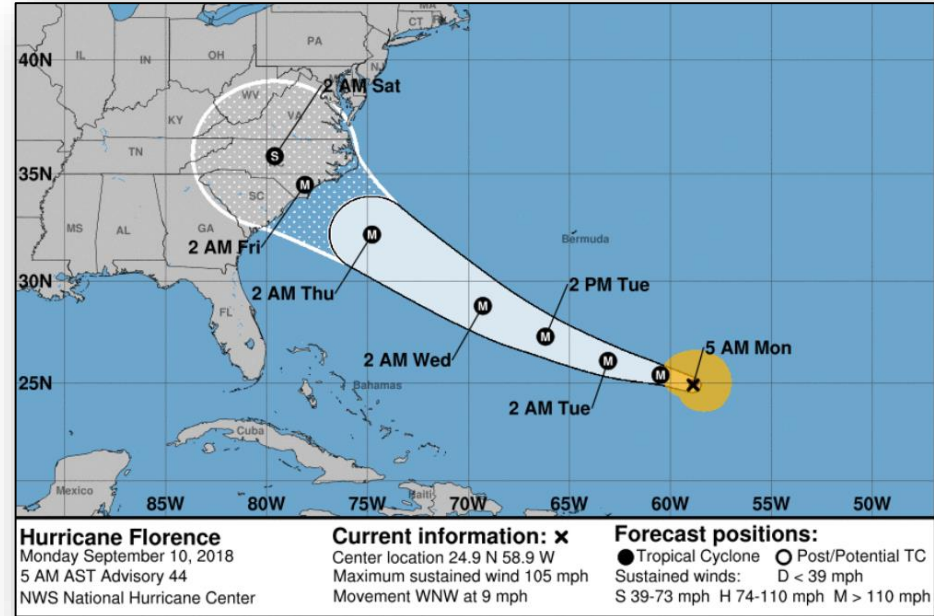
# Tropical Outlook – Atlantic



FEMA

## Hurricane Florence (CAT 1) (Advisory #44 as of 5:00 a.m. EDT)

- 625 miles SE of Bermuda
- Moving WNW at 9 mph
- Rapid strengthening is forecast; expected to become a major hurricane very soon
- Maximum sustained winds 105 mph
- Hurricane-force winds extend outward up to 25 miles
- Tropical-storm-force winds extend 125 miles
- No coastal watches or warnings in effect

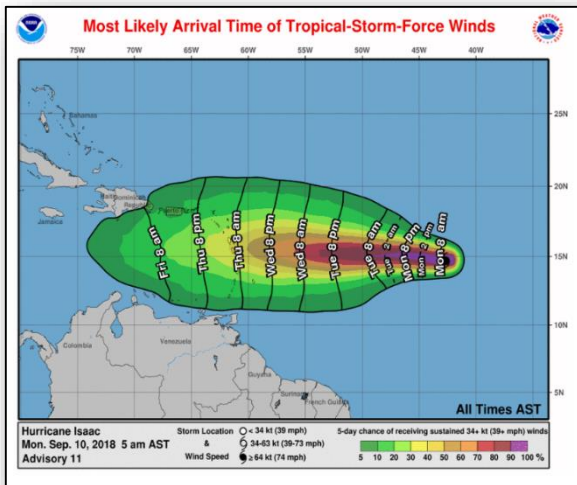


# Tropical Outlook – Atlantic



## Hurricane Isaac (Advisory #11, as of 5:00 a.m. EDT)

- 1,230 miles E of the Windward Islands
- Moving W at 13 mph
- Maximum sustained winds are 75 mph
- Hurricane force winds extend 10 miles; Tropical-storm-force winds extend 45 miles
- Additional strengthening is expected over the next day or two.
- Weakening is forecast to begin by the middle of the week



# Tropical Outlook – Atlantic

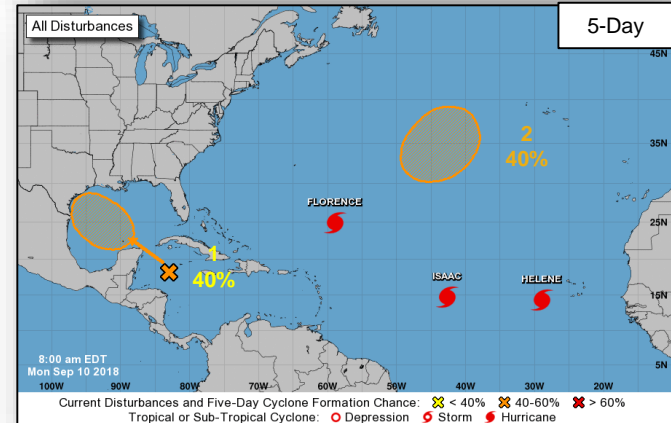
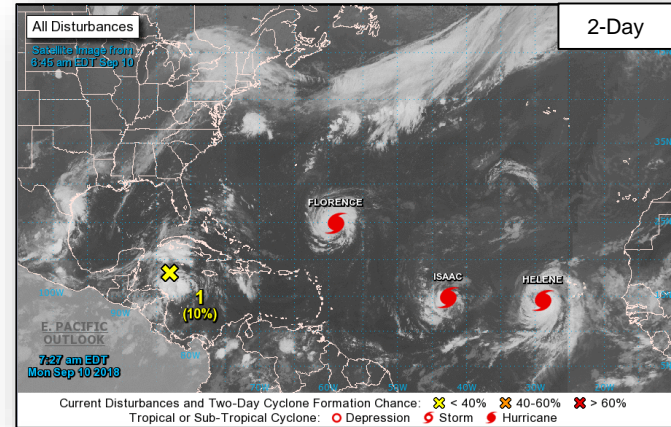


## Disturbance 1 (as of 8:00 a.m. EDT)

- Located over the northwestern Caribbean Sea
- No development expected during the next couple of days
- Moving slowly NW
- Formation chance through 48 hours: Low (10%)
- Formation chance through 5 days: Medium (40%)

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

- Several hundred miles west-southwest of the Azores in two or three days
- Some slow tropical or subtropical development is possible by the end of the week
- Moving SW
- Formation chance through 48 hours: Low (near 0%)
- Formation chance through 5 days: Medium (40%)



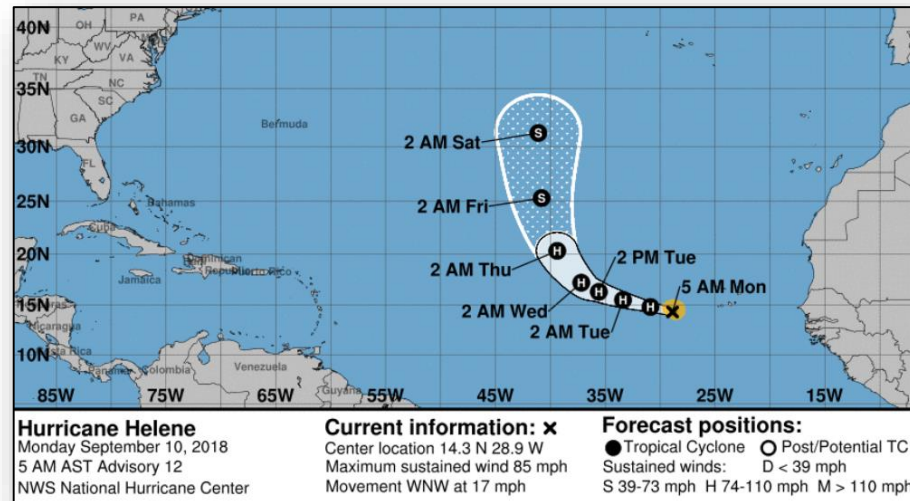
# Tropical Outlook – Atlantic



FEMA

## Hurricane Helene (CAT 1) (Advisory #12 as of 5:00 a.m. EDT)

- 305 miles W of the southernmost Cabo Verde Islands
- Moving WNW at 17 mph
- Maximum sustained winds 85 mph
- Expected to resume strengthening today
- Weakening is forecast to commence Wednesday morning
- Tropical-storm-force winds extend 90 miles
- No coastal watches or warnings in effect

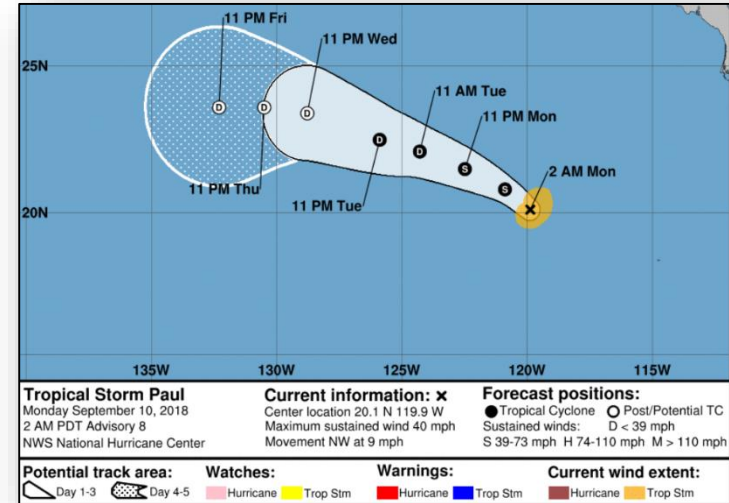


# Tropical Outlook – Eastern Pacific



## Tropical Storm Paul (Advisory #8 as of 5:00 a.m. EDT)

- 670 miles WSW of Baja California Peninsula
- Moving NNW at 9 mph
- Maximum sustained winds 40 mph
- Tropical-storm-force winds extend to 70 miles
- Further weakening is forecast during the next few days
- Expected to become a remnant low toward the end of the week



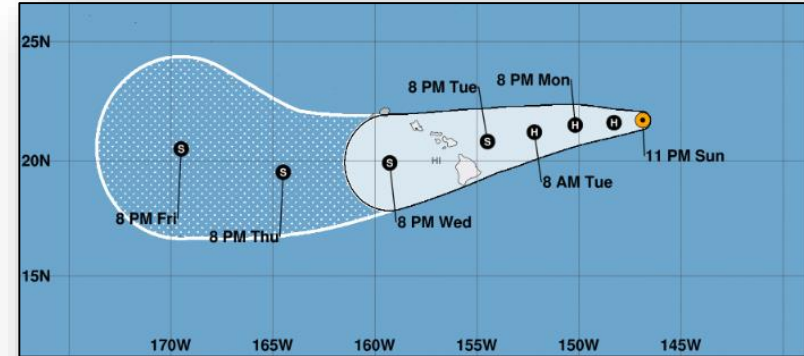


# Tropical Outlook – Central Pacific



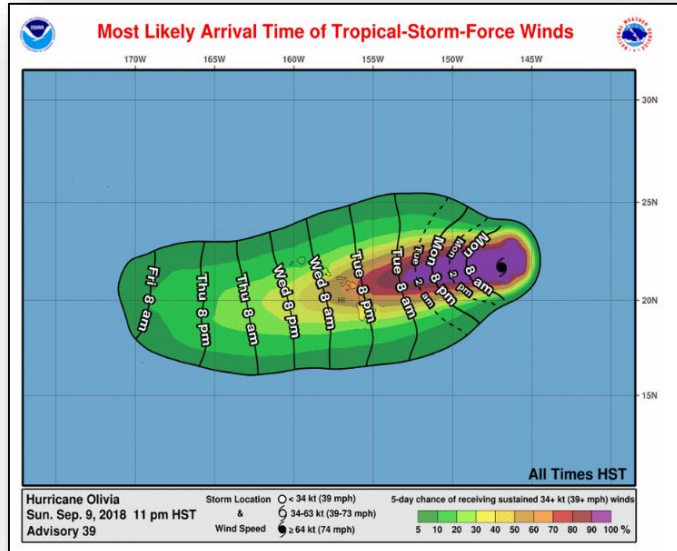
## Hurricane Olivia (CAT 1) (Advisory #39 as of 5:00 a.m. EDT)

- 545 miles ENE of Hilo, HI
- Moving W at 9 mph
- Maximum sustained winds 85 mph
- Hurricane-force winds extend 30 miles
- Tropical storm force winds extend 120 miles
- Little change in strength is forecast through late Monday
- Gradual weakening possible starting some time on Tuesday



<b>Hurricane Olivia</b> Sunday September 09, 2018 11 PM HST Advisory 39 NWS Central Pacific Hurricane Center	<b>Current information:</b> ● Center location 21.7 N 146.9 W Maximum sustained wind 85 mph Movement W at 9 mph	<b>Forecast positions:</b> ● Tropical Cyclone ○ Post/Potential TC Sustained winds: D < 39 mph S 39-73 mph H 74-110 mph M > 110 mph
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<b>Potential track area:</b> Day 1-3 (solid line) Day 4-5 (dotted line)	<b>Watches:</b> Hurricane (pink) Trop Storm (yellow)	<b>Warnings:</b> Hurricane (red) Trop Storm (blue)
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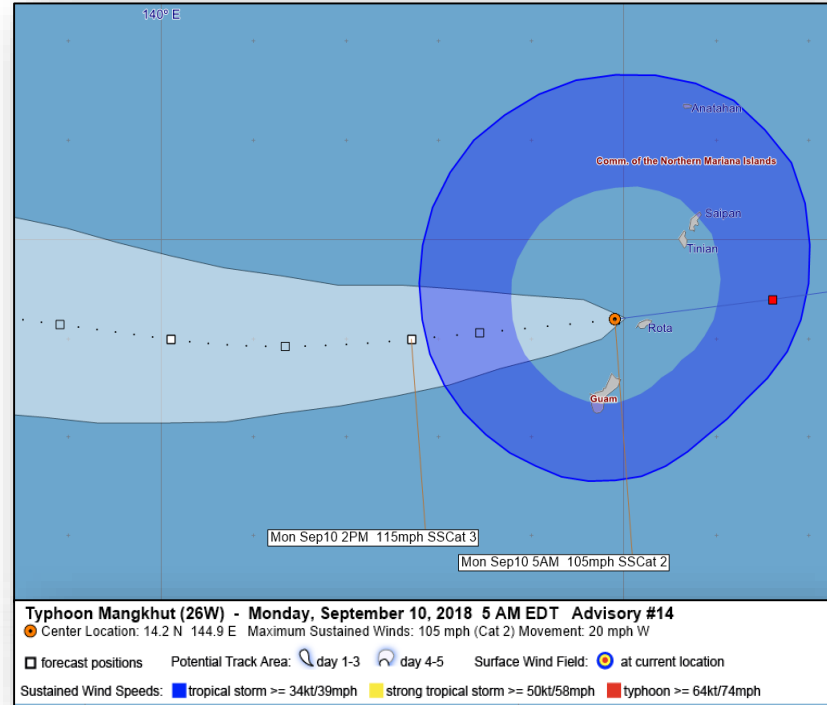
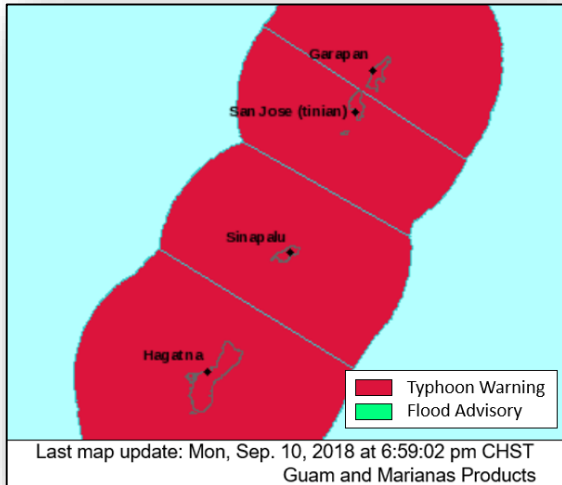


# Typhoon Mangkhut



*Typhoon Mangkhut* (Advisory #14 as of 5:00 a.m. EDT)

- Located 68 miles NE of Guam
- Moving W at 20 mph
- Maximum sustained winds 104
- Tropical storm force winds extend 105 miles
- Forecast to intensify over the next few days
- Typhoon Warning in effect for Guam, Rota, Tinian, Saipan and adjacent coastal waters in the Mariana Islands



# Response – Pacific



## Situation

Typhoon Mangkhut passed over Rota early this morning EDT. Hurricane Olivia forecast to impact the Hawaiian Islands Tuesday night.

## Safety & Security:

- School and Government Offices closing today (Sep 10)
- **Evacuations:** Voluntary evacuations started on Saipan and Guam

## Food Water and Shelter:

- **Shelters / Occupants** (*FEMA Region IX SPOTREP*)
  - Hawaii: 2 / 26
  - Saipan: 8 / 450
  - Tinian: 2 / 66
  - Rota: 2 / 27
  - Guam: 15 / 1,987

## Health and Medical:

- No shortfalls identified

## Transportation:

- Guam/CNMI: Ports are closed; most flights cancelled
- HI: Ports are at X-RAY or WHISKEY (open with restrictions)

## Hazardous Waste:

- No impacts reported

## Energy:

- CNMI: Island-wide power outages reported on Rota and Tinian

## Communications:

- No shortfalls identified

# Response – Pacific



## Preparations / Response

### State/Local/Territorial:

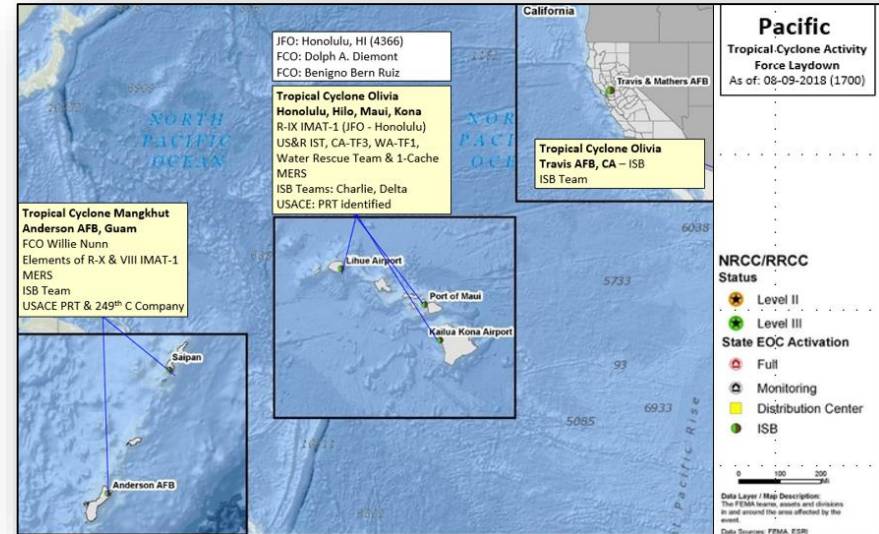
- Guam & CNMI
  - Guam and CNMI EOCs at Full Activation
  - State of Emergency declared for Guam and CNMI
  - Governors put islands at Condition of Readiness 1 (COR 1)
- Hawaii:
  - HI EOC at Partial Activation (previous incident)
  - State of Emergency declared

### FEMA Region IX:

- RWC at Normal Operations; continuing to monitor
- Region IX IMAT 1 remains in HI (previous incidents)
- LNOs deployed to HI; deploying to Guam & HI
- Select ESFs deployed to HI (ETA today)
- Elements of Regions VII & X IMATs, with select ESF, ISB, and MERS support deployed to Guam & CNMI
- DCO-Guam/CNMI activated

### Interagency:

- USCG condition Zulu for the Ports of Guam, Saipan, Rota, & Tinian
- USCG condition WHISKEY for the Ports of Hawaii, Maui, & Honolulu counties



### FEMA HQ:

- NWC at Steady State
- NRCC at Enhanced Watch (24/7); increasing to Level II Sep 11
- US&R teams deploying to Honolulu, HI (IST Blue, WA-TF1, personnel from CA-TF6 & CA-TF8); Kona, HI (CA-TF3) (ETA today)
- ISB teams deployed to HI & Guam (ETA today)
- MERS teams deploying to FEMA HQ, HI, & Guam (ETA today)
- Region VIII IMAT pre-staged at FEMA HQ for redeployment as needed

# Response – Atlantic



## Potential Impacts

### East Coast:

- Heavy congestion expected along evacuation corridors, with road construction in some areas extending evacuation timeline
- Evacuees moving from one potentially impacted state to another can further increase congestion and slow evacuation times
- Limited lodging options expected along evacuation routes

### Puerto Rico:

- Large numbers of recovery projects from 2017 underway, could be further damaged by storm slowing or halting previous progress
- PR developing COAs if Atlantic ports close

## Preparations

### State/Local:

- North Carolina:
  - EOC at Partial Activation, will go to Full Activation today at 1:00 p.m. EDT
  - Statewide State of Emergency declared
  - State officials coordinating with local authorities to plan & initiate evacuations
- South Carolina:
  - SC EOC at Full Activation
  - Statewide State of Emergency declared; [Emergency Declaration requested](#)
  - Considering coastal evacuations starting this morning
- Virginia:
  - EOC at Partial Activation
  - State of Emergency declared; National Guard activated
- PA EOC at Monitoring
- WV EOC at Partial Activation
- MD EOC at Monitoring

# Response – Atlantic



FEMA

## Preparations

### FEMA Region II

- RWC at Enhanced Watch
- RRCC activating to Level II with ESFs on September 11 at 8:00 a.m. EDT
- IMAT will deploy to USVI (ETA Sep 11)
- LNOs (2) deploying to Puerto Rico (ETA Sep 10)
- LNO deploying to USVI (ETA Sep 10)

### FEMA Region III

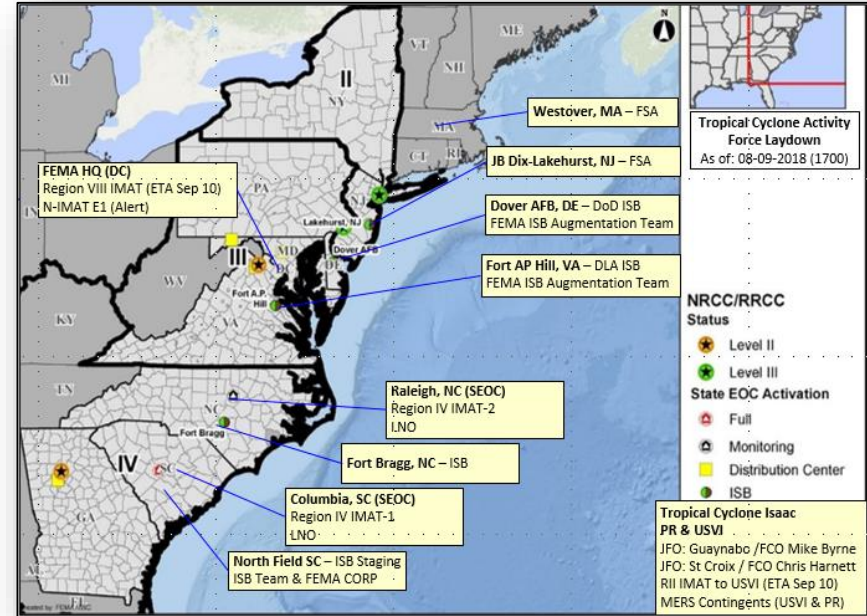
- RWC at Steady State (24/7)
- RRCC at Level II with all ESFs except 4 & 11 (will arrive Sep 11), DoD & USCG
- IMAT and FCO deploying Sep 11; leadership to determine location today
- LNO deploying to NRCC

### FEMA Region IV

- RWC at Steady State
- RRCC at Level II (day shift only)
- IMAT 1 deployed to NC; IMAT 2 deployed to SC
- LNOs deployed to NC and SC
- Pre-designated FCOs deploying to SC & NC
- Regional HLT LNO deployed to NHC
- DCO/DCE deploying to NC and SC

### FEMA HQ

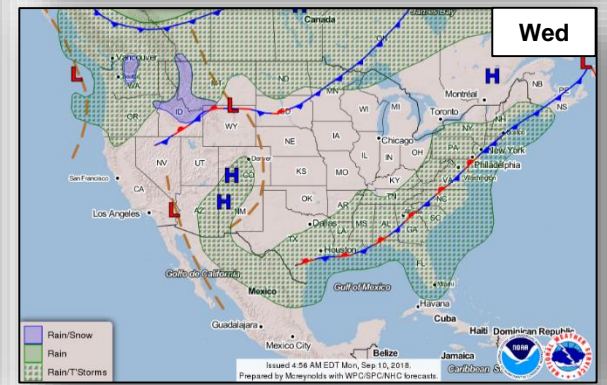
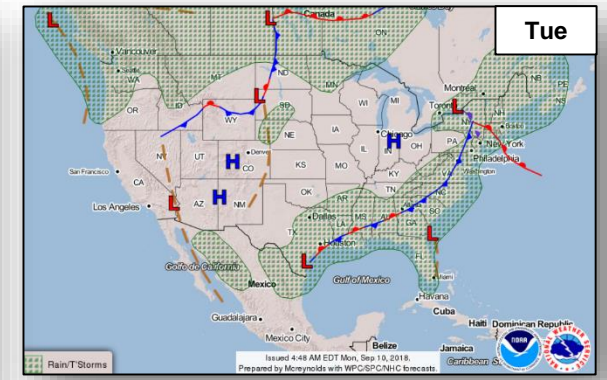
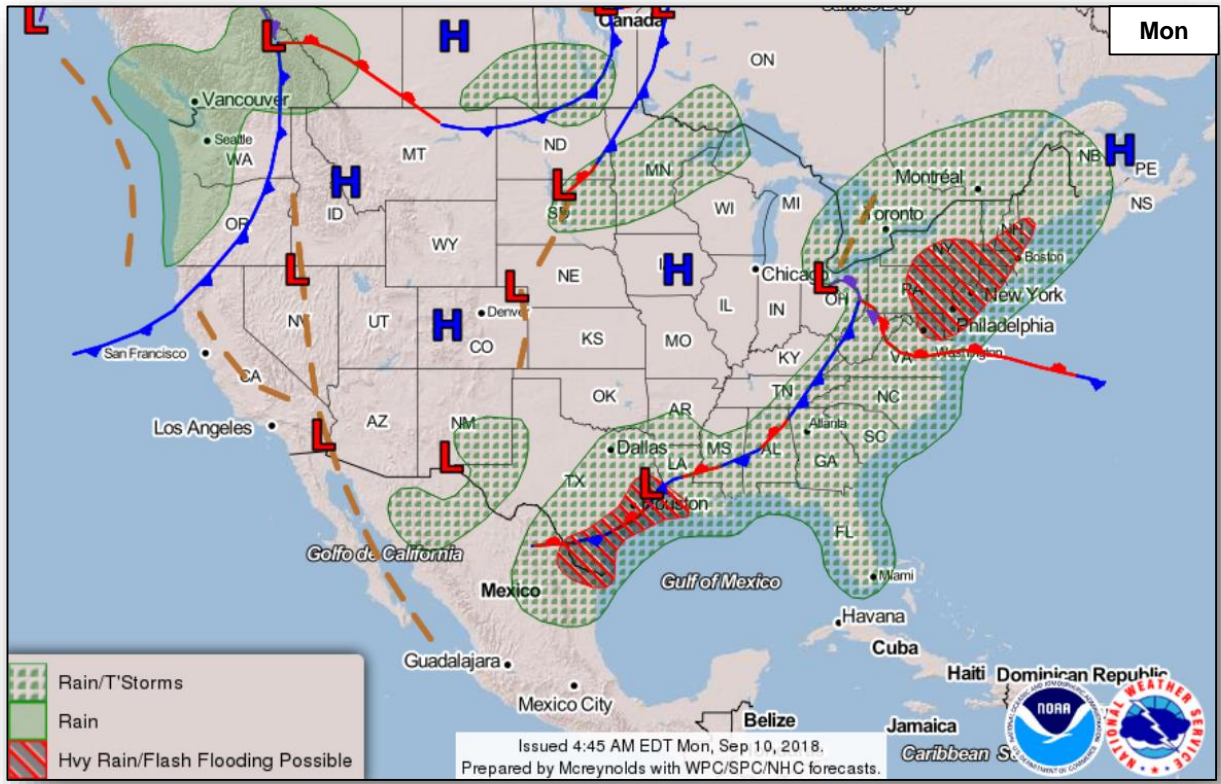
- NWC at Steady State
- NRCC at Enhanced Watch (24/7); increasing to Level II (24/7) Sep 11
- Region VIII IMAT deploying to FEMA HQ for redeployment as needed (ETA Sep 10)
- MERS deploying to FEMA HQ, Puerto Rico, USVI, NC and SC (ETA by Sep 10)



See WebEOC master view for HQ Tropical Cyclone Activity – GU/HI/East Coast



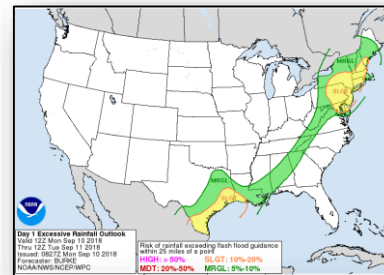
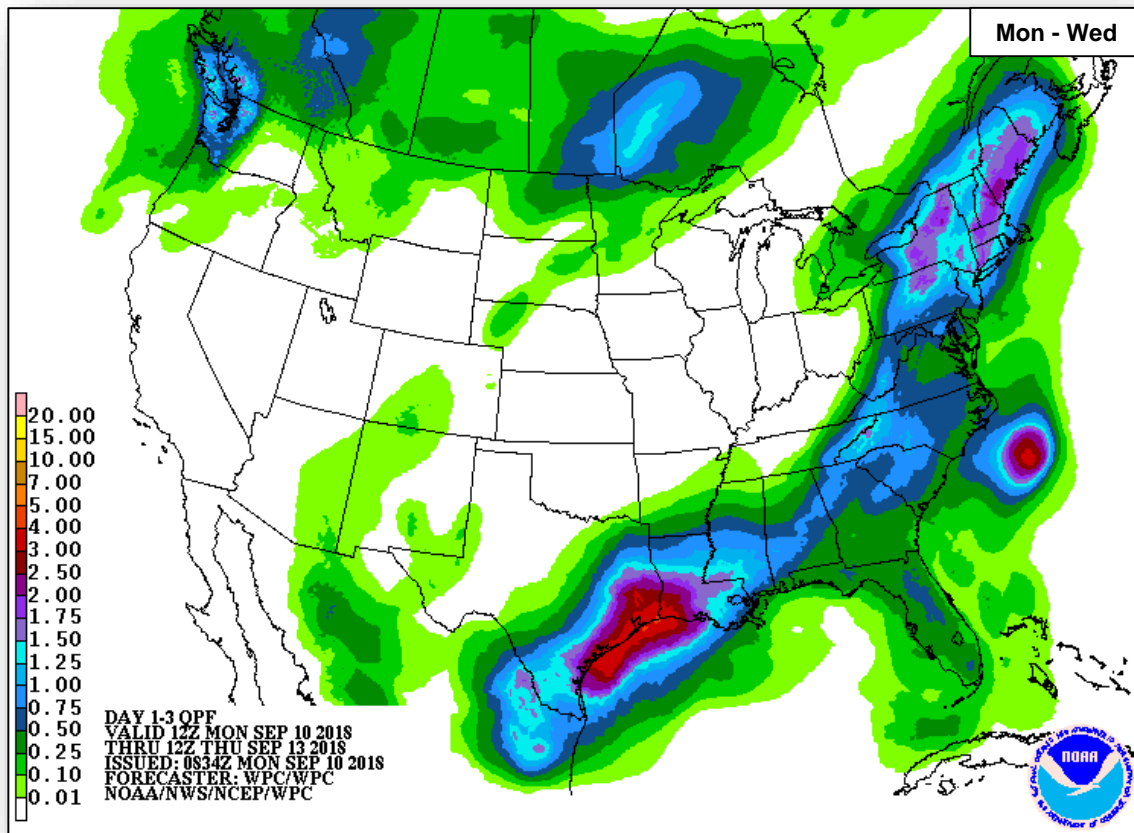
# National Weather Forecast



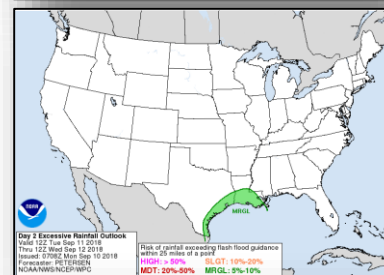
# Precipitation / Excessive Rainfall Forecast



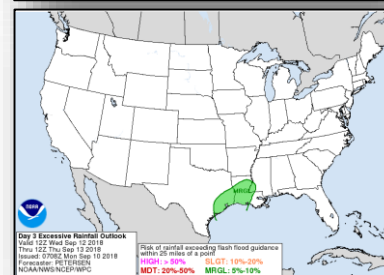
FEMA



Mon



Tue



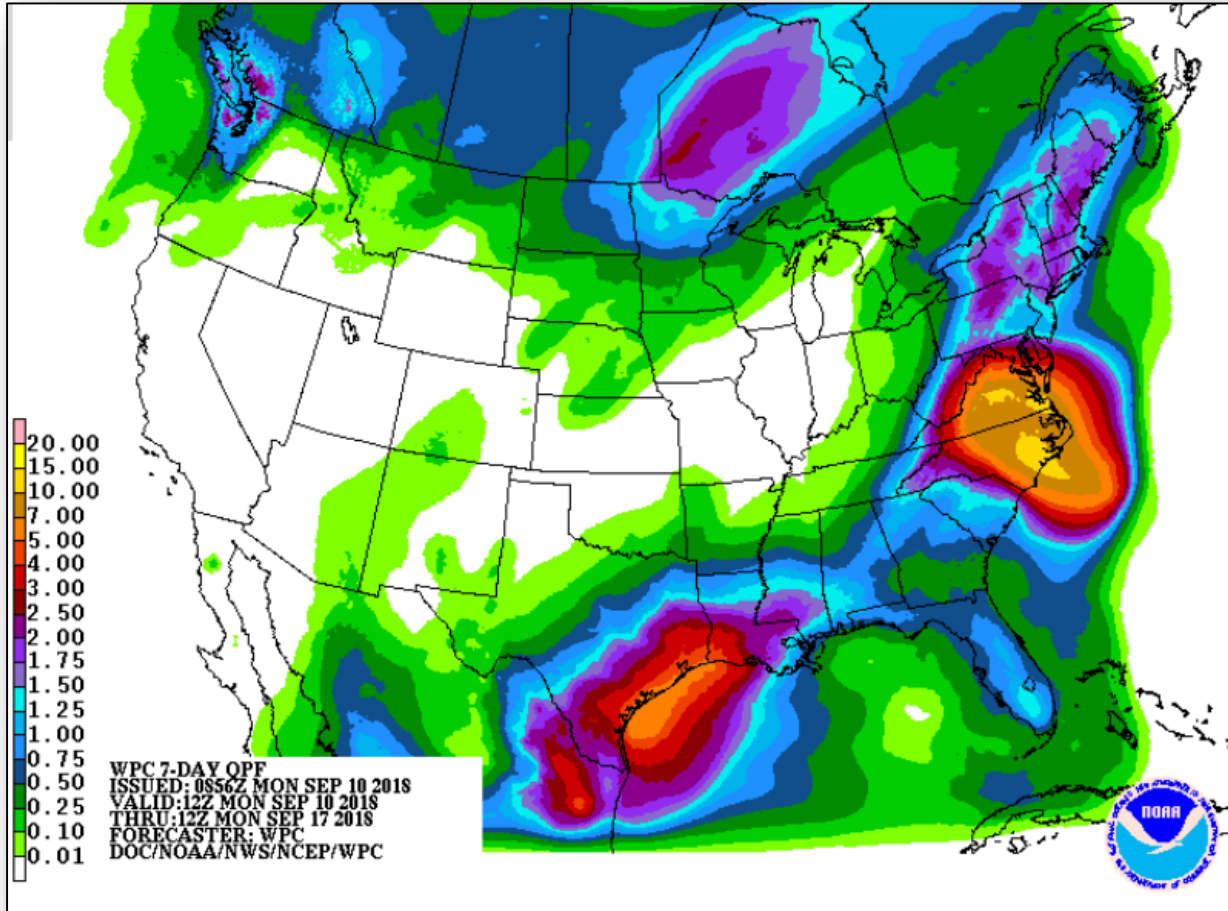
Wed



# 7-day Forecast Precipitation



FEMA



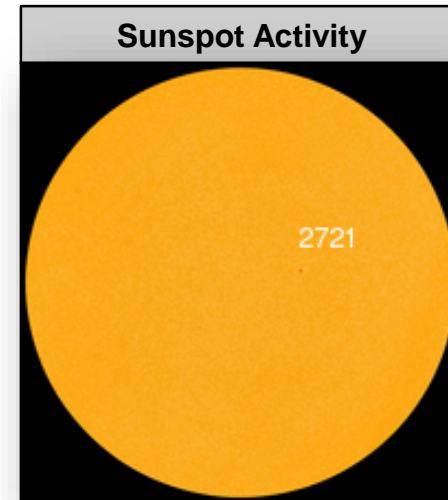
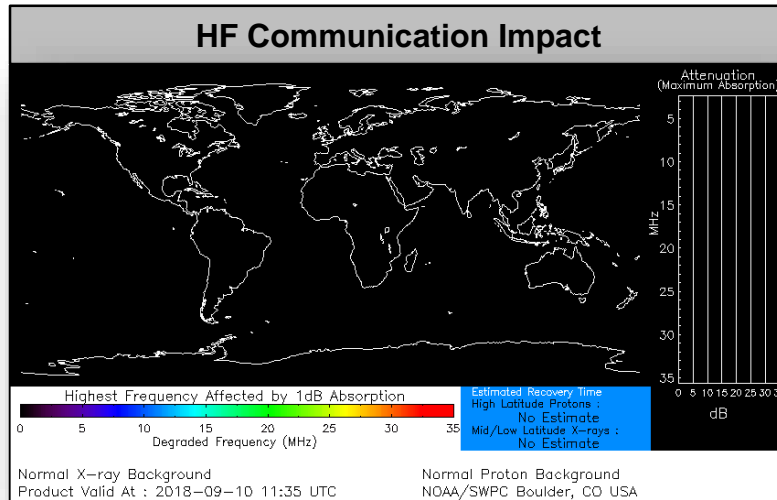
# Space Weather



FEMA

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

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



# Joint Preliminary Damage Assessments



FEMA

Region	State / Location	Event	IA / PA	Number of Counties		Start – End
				Requested	Completed	
II	NY	Severe Storms and Flooding August 2018	IA	5	5	8/23 – 8/24
			PA	8	8	8/29 – 9/7
III*	PA	Severe Weather July 21-27, 2018	IA	12	5	9/5 – TBD
			PA	13	6	9/5 – TBD
	PA	Severe Weather August 10-15, 2018	IA	14	4	9/5 – TBD
			PA	15	2	9/5 – TBD

*\* Region III PDAs are paused to support R-III operations for Hurricane Florence. The remaining counties will be rescheduled in the future once staffing is available.*

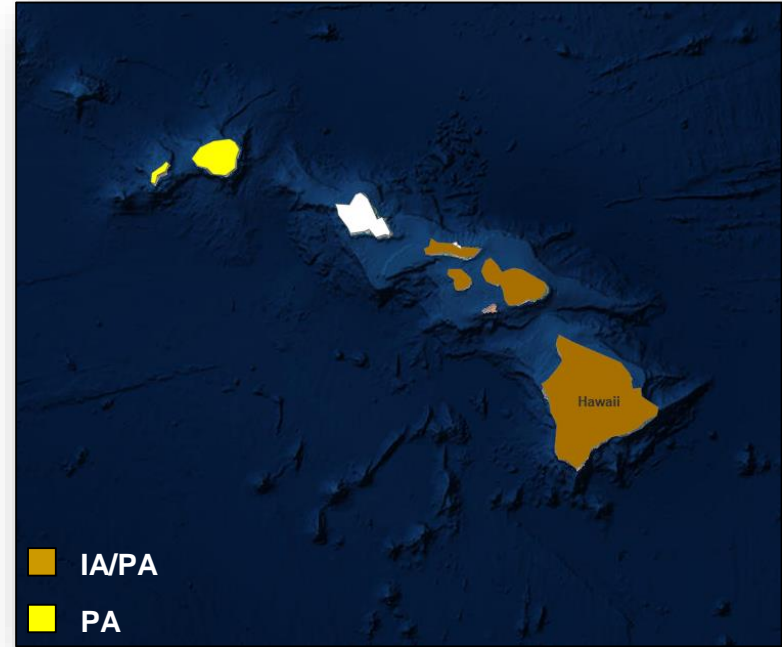
# Declaration Request



FEMA

## Hawaii

- The Governor requested a Major Disaster Declaration on September 6, 2018
- For Hurricane Lane and wildfires that occurred August 22 – 27, 2018
- Requesting:
  - Individual Assistance for 2 counties
  - Public Assistance for 3 counties
  - Hazard Mitigation statewide



# Declaration Request



FEMA

## South Carolina

- The Governor requested an Emergency Declaration on September 9, 2018
- For Hurricane Florence beginning September 8, 2018 and continuing
- Requesting:
  - Public Assistance for 46 counties and the Catawba Indian Nation



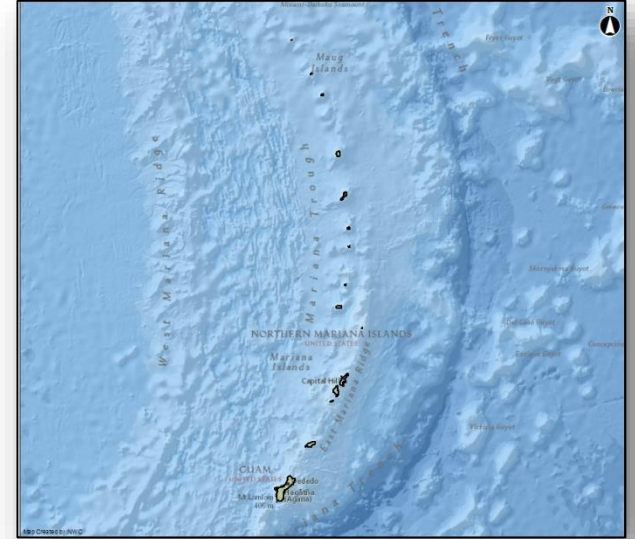
# Declaration Request



FEMA

## Commonwealth of Northern Mariana Islands

- The Governor requested an Emergency Declaration on September 10, 2018
- For Typhoon Mangkhut beginning September 10, 2018 and continuing
- Requesting:
  - Emergency Protective measure (Category B), limited to direct Federal assistance under the Public Assistance program for 3 islands, Rota, Saipan and Tinian



# Disaster Requests & Declarations



FEMA

Declaration Requests in Process					Requests APPROVED (since last report)	Requests DENIED (since last report)
9	IA	PA	HM	Date Requested		
LA – DR Flooding		X	X	June 29, 2018		
IA – DR Severe Storms and Tornadoes	X	X	X	August 17, 2018		
Cheyenne River Sioux Tribe – DR Severe Storms, Hail, and Straight-line Winds	X	X	X	August 17, 2018		
Oglala Sioux Tribe – DR Severe Storms, Tornadoes, and Straight-line Winds	X		X	August 27, 2018		
NJ – DR Severe Storms and Flooding	X		X	August 30, 2018		
HI – DR Hurricane Lane and wildfires	X	X	X	September 6, 2018		
PA – DR Severe Storms, Flooding, and Landslides (Appeal)		X	X	September 7, 2018		
SC and the Catawba Indian Nation – EM Hurricane Florence		X		September 9, 2018		
CNMI – Typhoon Mangkhut		X		September 10, 2018		

# Disaster Amendments



FEMA


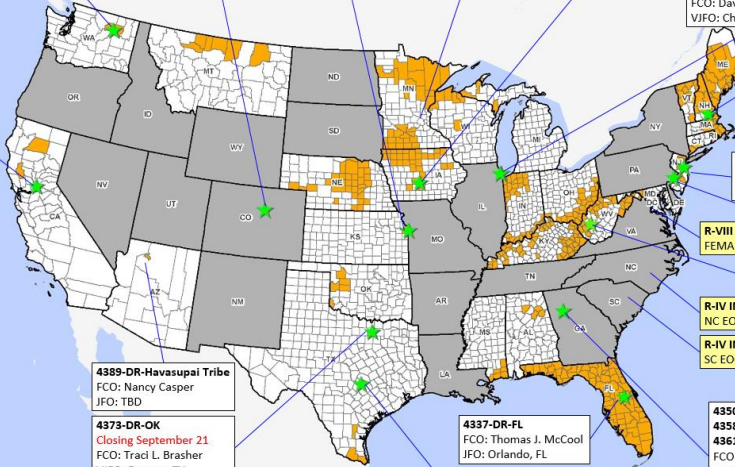



Amendment	Date Issued	Action
Amendment No. 4 to FEMA-4353-DR-CA	September 7, 2018	Changes incident period closed effective January 31, 2018



# Readiness – Deployable Teams and Assets



FEMA

Resource	Force Strength	Available	Deployed	Other	Cadres with 25% or Less Availability					
<b>IM Workforce</b>	11,837 <span>Ⓝ</span>	4,180 <span>▲</span> 35%	4,145 <span>▼</span>	3,512	EHP 14% (53/391); ER 19% (8/43); FL 23% (36/157); HR 20% (47/235); IT 24% (154/631); LOG 19% (220/1,168); OPS 21% (54/261); PA 11% (192/1,830); SAF 11% (6/53); SEC 16% (17/106)					
<b>National IMATs*</b> (3 Teams)	East 1: East 2: West:	B-2 Charlie B-48	<div data-bbox="606 263 749 339" style="border: 1px solid black; padding: 2px;">                     4351-DR-AK 4369-DR-AK 4391-DR-AK FCO: Thomas J. Dargan VJFO: Anchorage, AK                 </div> 	<div data-bbox="884 263 1027 339" style="border: 1px solid black; padding: 2px;">                     4384-DR Confederated Tribes of the Colville Reservation FCO: Timothy B. Manner JFO: Nespelem, WA                 </div>	<div data-bbox="1033 263 1176 339" style="border: 1px solid black; padding: 2px;">                     4388-DR-MT FCO: James Stephenson VJFO: Denver, CO                 </div>	<div data-bbox="1182 263 1325 339" style="border: 1px solid black; padding: 2px;">                     4347-DR-KS 4375-DR-NE 4387-DR-NE FCO: C. Johnson-Cage VJFO: Kansas City, MO                 </div>	<div data-bbox="1331 263 1474 339" style="border: 1px solid black; padding: 2px;">                     4390-DR-MN FCO: Steven Johnson JFO: TBD R-V IMAT                 </div>	<div data-bbox="1479 263 1622 339" style="border: 1px solid black; padding: 2px;">                     4386-DR-IA FCO: Timothy J. Scranton JFO: Windsor Heights, IA                 </div>	<div data-bbox="1628 263 1771 339" style="border: 1px solid black; padding: 2px;">                     4360-DR-OH FCO: Steven W. Johnson 4363-DR-IN Closing September 17 4381-DR-MI 4383-DR-WI FCO: David G. Samaniego VJFO: Chicago, IL                 </div>	<div data-bbox="1777 263 1866 339" style="border: 1px solid black; padding: 2px;"> <b>Field Offices</b> <span>★</span> JFOs: 18 DRs: 44 EMs: 1 Deployed Teams (Location)                 </div>
<b>Regional IMATs</b> (4 to 6 Teams)	Assigned: Available: PMC / NMC: Deployed:	13 1 (-1) 1 11 (+1)	<div data-bbox="606 386 749 463" style="border: 1px solid black; padding: 2px;">                     4382-DR-CA FCO: William Roche JFO: Sacramento, CA R-IX IMAT-2 (JFO)                 </div>							
<b>National ISBs</b> (0 Teams)	Team A Team B Team C	Deployed Deployed Deployed	<div data-bbox="606 466 749 542" style="border: 1px solid black; padding: 2px;">                     Tropical Cyclone Support R-VII IMAT (Andersen AB) R-X IMAT (Andersen AB) ISB Team MERS                 </div> 							
<b>US&amp;R</b> (≥ 66%)	Assigned: Available: PMC / NMC: Deployed:	28 25 (+3) 0 (-2) 3 (-1)								
<b>MERS</b> (≥ 66%)	Assigned: Available: PMC / NMC: Deployed:	36 35 (+2) 0 1 (-2)								
<b>FCO</b> (≤ 1 Type I)	Assigned: Available: PMC / NMC: Deployed:	33 10 (-2) 2 21 (+2)								
<b>FDRC</b> (≥ 3)	Assigned: Available: PMC / NMC: Deployed:	14 7 3 4	<div data-bbox="807 870 969 979" style="border: 1px solid black; padding: 2px;">                     Tropical Cyclone Support Honolulu, Hilo, Maui R-IX IMAT-1 (JFO - Honolulu) ISB Teams MERS US&amp;R IST, CA-TF3, WA-TFL, Water Rescue Team                 </div> 	<div data-bbox="1182 870 1325 979" style="border: 1px solid black; padding: 2px;">                     4365-DR-HI Closing September 14 FCO: Dolph A. Diemont 4366-DR-HI FCO: Benigno Bern Ruiz 3399-EM-HI JFO: Honolulu, HI                 </div>	<div data-bbox="1350 776 1493 885" style="border: 1px solid black; padding: 2px;">                     4337-DR-FL FCO: Thomas J. McCool JFO: Orlando, FL 4377-DR-TX Closing September 14 FCO: Jerry S. Thomas JFO: Austin, TX R-VI IMAT-1 (JFO)                 </div>	<div data-bbox="1595 761 1719 870" style="border: 1px solid black; padding: 2px;">                     4350-DR-MS 4358-DR-KY 4361-DR-KY FCO: Manny J. Toro 4362-DR-AL FCO: Thomas J. McCool VJFO: Atlanta, AL                 </div>	<div data-bbox="1744 920 1866 1001" style="border: 1px solid black; padding: 2px;">                     4335-DR-USVI 4340-DR-USVI FCO: Christopher Harnett JFO: St. Croix, USVI MERS                 </div> 			

\* B-2 Status: Assemble ≤ 2-hrs, On Site ≤ 18-hrs; B-48 Status: Assemble and deploy ≤ 48hrs; Charlie Status: No team assemble time requirement

As of 3:00 a.m. EDT Sep 10, 2018

# FEMA Readiness – Activation Teams



Status		Activated Team	Activation Level	Activation Times	Reason / Comments
<b>NWC</b> (5 Teams)	Steady State				
<b>NRCC</b> (2 Teams)	Activated		Enhanced Watch	24/7	Tropical Activity – Atlantic & Pacific
<b>HLT</b> (1 Team)	Activated				
<b>RWC / MOCs</b> (10 Regions)	Activated	Region II Region IV	Enhanced Watch Enhanced Watch	7:00 a.m. – 1:00 p.m. EDT 7:00 a.m. – 7:00 p.m. EDT	Tropical Activity – Atlantic Tropical Activity – Atlantic
<b>RRCCs</b> (10 Regions)	Available	Region III	Enhanced Watch	7:00 a.m. – 4:00 p.m. EDT	Tropical Activity – Atlantic

Backup Regions: VIII, V & VII



# FEMA

**FEMA's mission is helping people before, during, and after disasters.**