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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**

**Sunday, September 9, 2018  
8:30 a.m. EDT**

# Significant Activity –Sep 8-9



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

**Tropical Activity:**

- Atlantic – Tropical Storm Florence; Tropical Storm Isaac; Tropical Storm Helene; Disturbance 1: Low (10%); Disturbance 2: Low (20%)
- Eastern Pacific –Hurricane Olivia (CAT 1); Tropical Storm Paul
- Central Pacific – Tropical Storm Norman
- Western Pacific – Tropical Storm Mangkhut

**Significant Weather:**

- Flash flooding possible – Southern Plains; Lower Mississippi and Tennessee Valleys; Middle Mississippi Valley to Ohio Valley; Mid-Atlantic to New England
- Elevated Fire Weather – Idaho

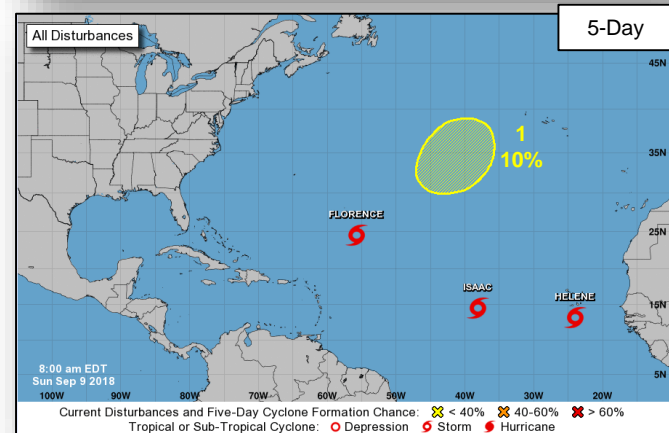
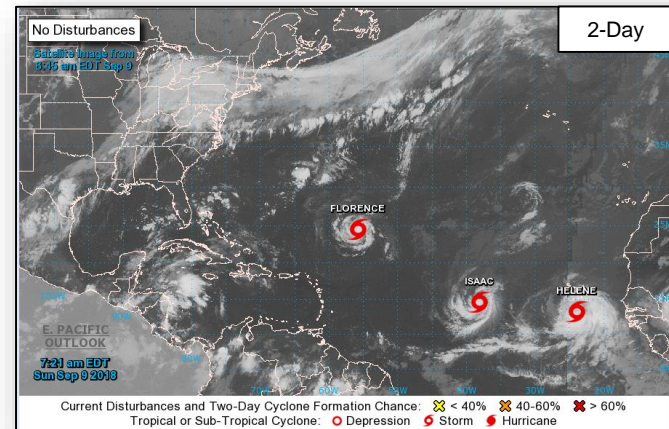
**Declaration Activity:** None

# Tropical Outlook – Atlantic



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

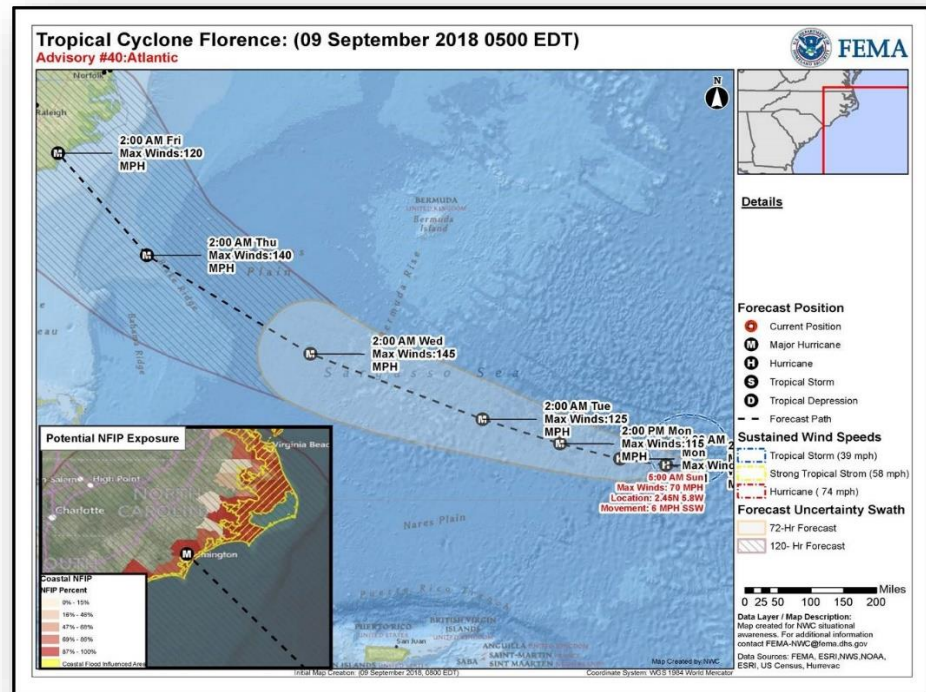
- Forecast to form several hundred miles WSW of Azores
- Slow development is possible
- Formation chance through 48 hours: Low (0%)
- Formation chance through 5 days: Low (30%)



# Tropical Outlook – Atlantic

## Tropical Storm Florence (Advisory #40 as of 5:00 a.m. EDT)

- 765 miles SE of Bermuda
- Moving W at 6 mph
- Maximum sustained winds 70 mph
- Forecast to become a Hurricane today and a Major Hurricane by Monday
- Tropical-storm-force winds extend 125 miles
- No coastal watches or warnings in effect

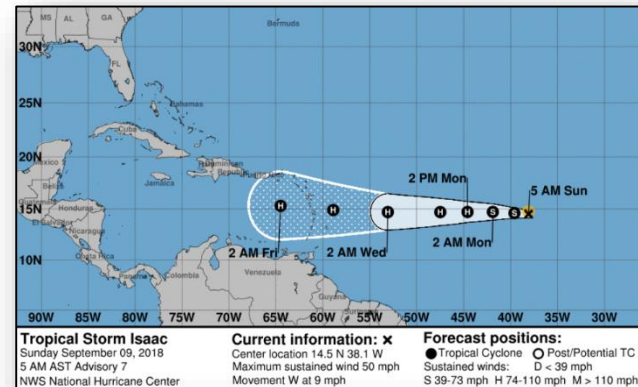


# Tropical Outlook – Atlantic



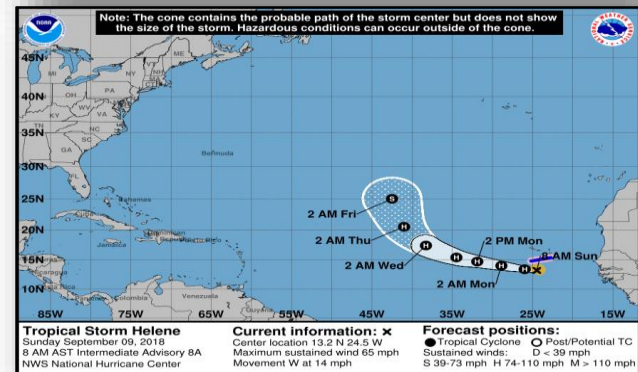
## Tropical Storm Isaac (Advisory #7, as of 5:00 a.m. EDT)

- 1,540 miles E of the Windward Islands
- Moving WNW at 9 mph
- Maximum sustained winds are 50 mph
- Tropical-storm-force winds extend 60 miles
- Gradual strengthening forecast
- Forecast to become a Hurricane by Monday



## Tropical Storm Helene (Advisory #8a, as of 8:00 a.m. EDT)

- 110 miles ESE of the Cabo Verde Islands
- Moving W near 14 mph
- Maximum sustained winds are 65 mph
- Tropical-storm-force winds extend 80 miles
- Strengthening is forecast over the next couple of days
- Forecast to become a hurricane later today





# Tropical Activity – Atlantic



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## Potential Impacts

### East Coast:

- Heavy congestion expected along evacuation corridors beginning early in the week, 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

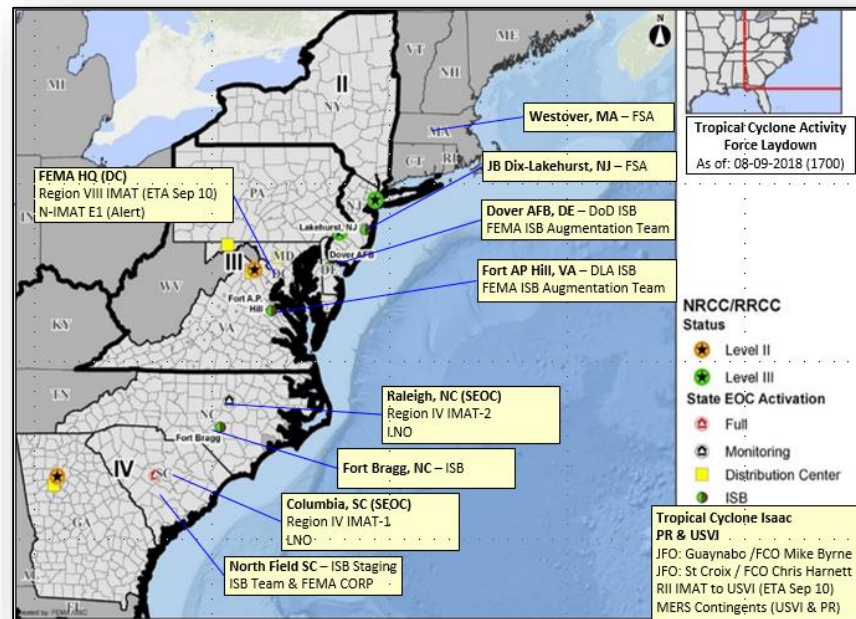
### Puerto Rico:

- 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:

- Virginia:
  - VA EOC at Monitoring
  - State of Emergency declared
- North Carolina:
  - NC EOC at Normal Operations; increasing to Full Activation Sep 10
  - State of Emergency declared
- South Carolina:
  - SC EOC at Full Activation
  - State of Emergency declared
  - Considering healthcare evacuation to begin at 12:00 p.m. EDT
  - Considering coastal evacuations starting Monday morning, Sep 10



# Tropical Activity – Atlantic



## Preparations

### FEMA Region II

- RWC at Enhanced Watch (7:00 a.m. – 1:00 p.m. EDT)
- **RRCC will activate to Level III September 11**

### FEMA Region III

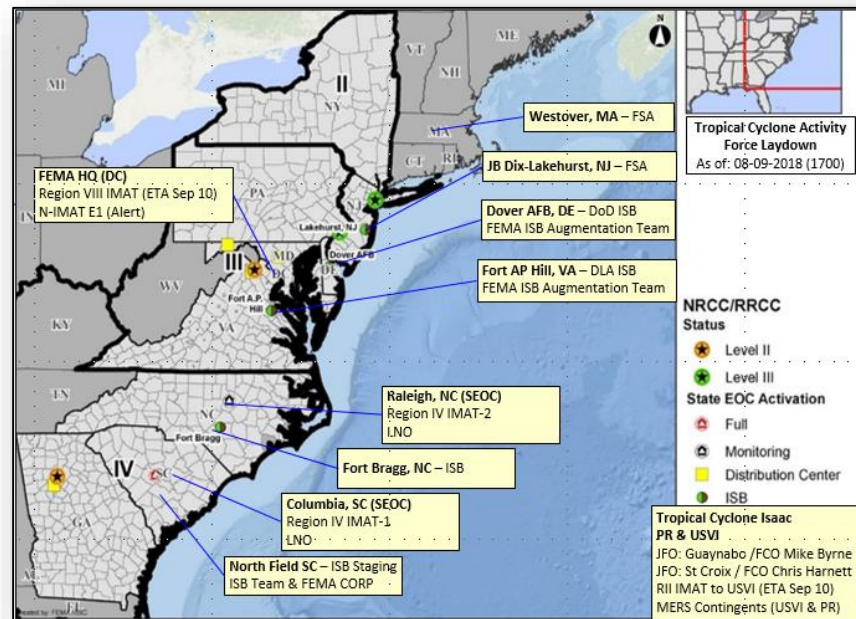
- RWC at Steady State
- RRCC at Enhanced Watch (24/7), increasing to Level III Sep 10 (7:00 a.m. EDT)

### FEMA Region IV

- RWC at Enhanced Watch (dayshift)
- RRCC activating to Level II on Sep 10 (dayshift on Mon, **24/7 on Tue**)
- LNOs deploying to NC and SC on Sep 10
- IMAT 1 deploying to NC today; IMAT 2 deploying to SC today
- FCO deploying to SC on Sep 10

### 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 NC and SC on Sep 10
- **ISB Teams deploying to staging areas at Ft. Bragg, NC & Fort AP Hill, VA**



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



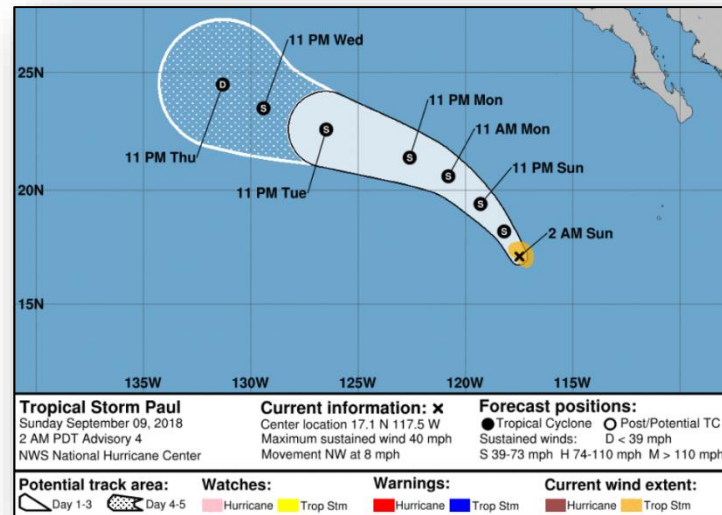
# Tropical Outlook – Eastern Pacific



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## Tropical Storm Paul (Advisory #4 as of 5:00 a.m. EDT)

- 635 miles SW of Baja California Peninsula
- Moving NW at 8 mph
- Maximum sustained winds 40 mph
- Tropical-storm-force winds extend to 45 miles
- Gradual strengthening is forecast during the next couple of days, but slow weakening is expected to begin by Tuesday



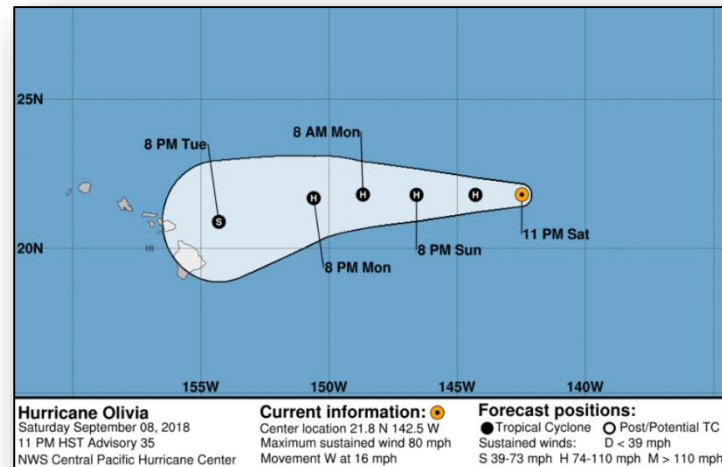
# Tropical Outlook – Central Pacific



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## Hurricane Olivia (CAT 1) (Advisory #35 as of 5:00 a.m. EDT)

- 825 miles ENE of Hilo, HI
- Moving W at 16 mph
- Maximum sustained winds 80 mph
- Hurricane-force winds extend 30 miles
- Tropical storm force winds extend 115 miles
- Little change in strength forecast during the next couple of days
- Gradual weakening is possible on Tuesday, but Olivia will likely remain a threat to the Hawaiian Islands next week.
- No coastal watches or warnings in effect



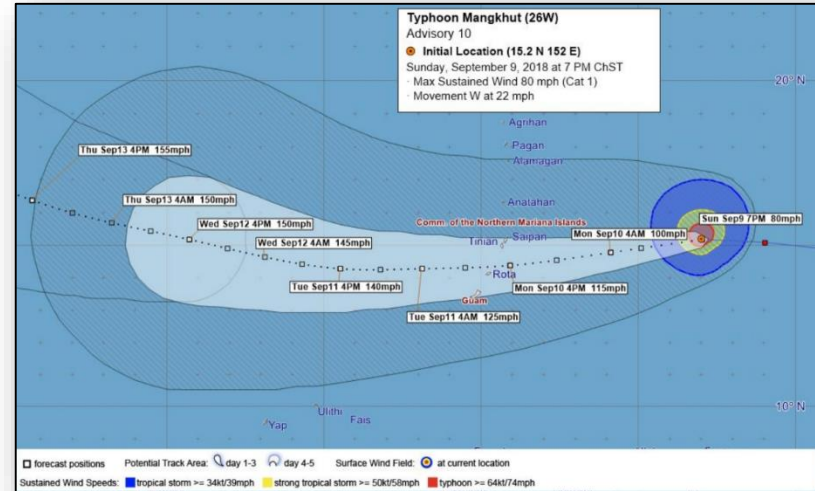
# Typhoon Mangkhut



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## *Typhoon Mangkhut* (Advisory #10 as of 5:00 a.m. EDT)

- Located 500 miles ENE of Guam
- Moving W at 22 mph
- Maximum sustained winds 80
- Tropical storm force winds extend 125 miles
- This motion is expected to continue through Tuesday, taking Mangkhut through the Mariana Islands Monday night
- Typhoon Warning remains in effect for Guam, Rota, Tinian, Saipan and adjacent coastal waters in the Mariana Islands



# Tropical Activity – Pacific



## Preparations

### Guam & CNMI:

- Governors declared a State of Emergency for Mangkhut
- Guam EOC at Partial Activation
- CNMI EOC monitoring; Condition of Readiness (COR 3) in place
- Shelters identified & opening Sep 10
- School and Government Offices closing Sep 10

### Hawaii:

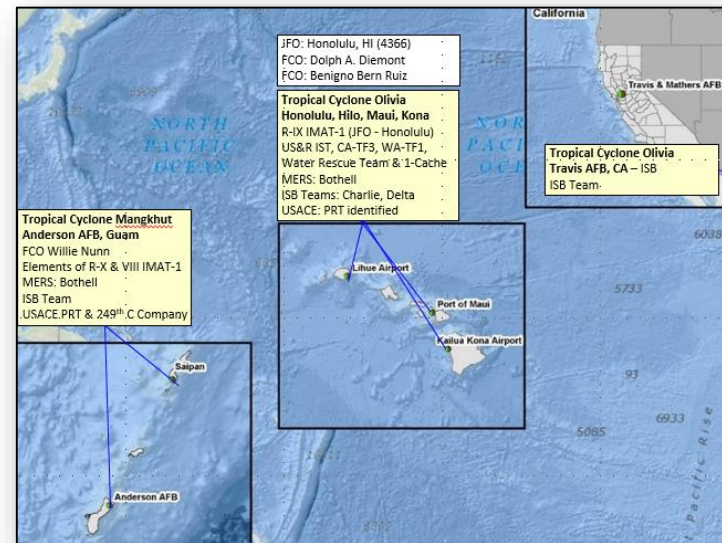
- HI EOC at Partial Activation (previous incident)

### FEMA Region IX:

- RWC at Normal Operations; continuing to monitor
- Region IX IMAT 1 in HI for previous activity
- LNOs deploying to Guam
- Select ESFs deployed to HI
- Elements of Regions VII & X IMATs, with select ESF, ISB, and MERS support deployed to Guam & CNMI (ETA September 9)
- DCO-Guam/CNMI activated

### Interagency:

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



### FEMA HQ:

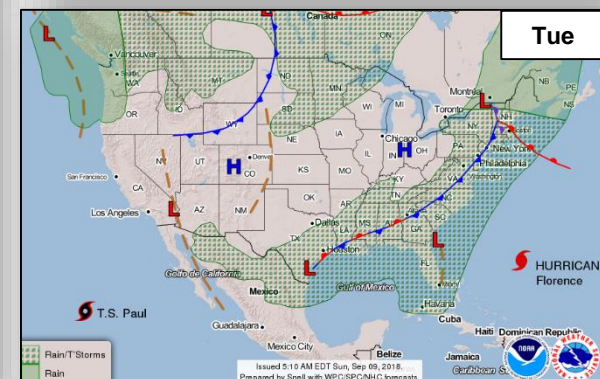
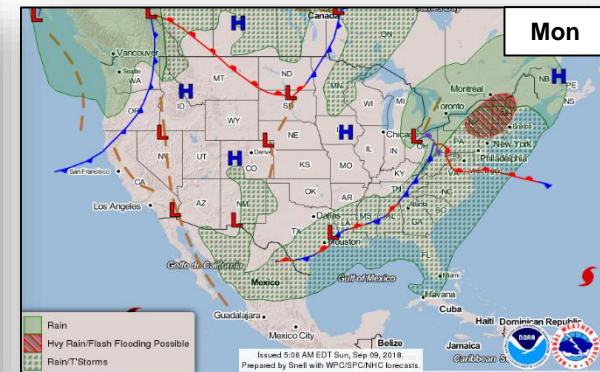
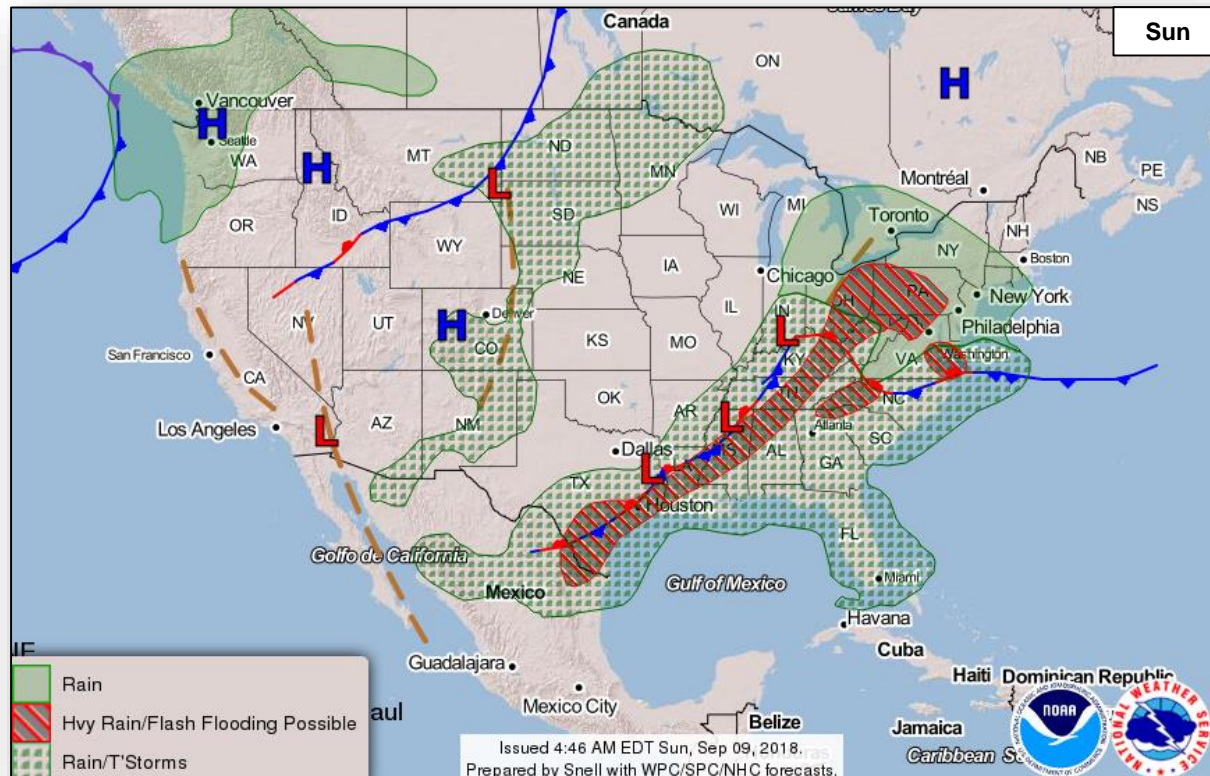
- NWC at Steady State
- NRCC at Enhanced Watch (24/7); increasing to Level II Sep 11
- US&R teams deploying to Honolulu, HI (IST Blue, WA-TF1, personnel from CA-TF6 & CA-TF8); Kona, HI (CA-TF3) (ETA today)
- ISB teams deployed to HI & deploying to Guam, CNMI
- MERS teams deploying to FEMA HQ, HI, Guam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



# National Weather Forecast



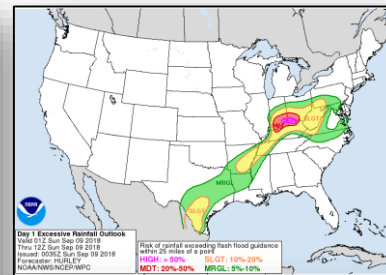
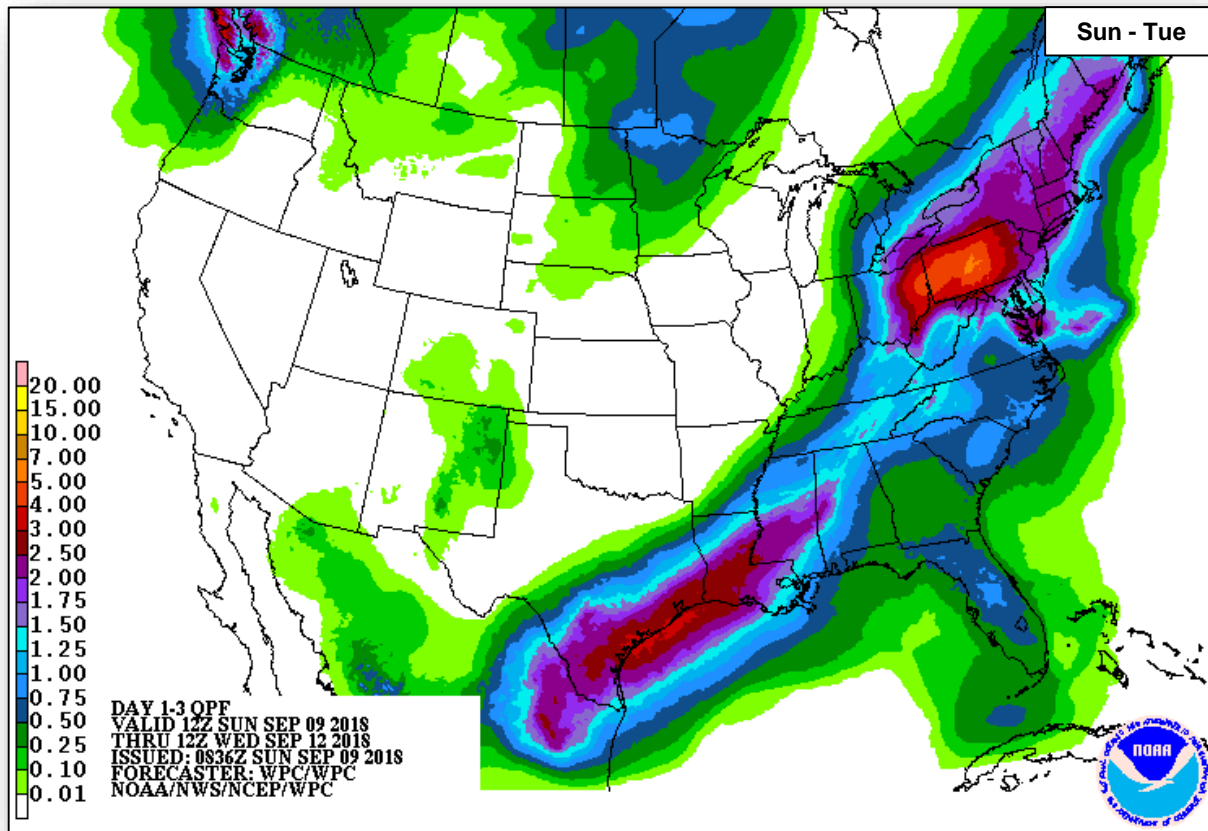
FEMA



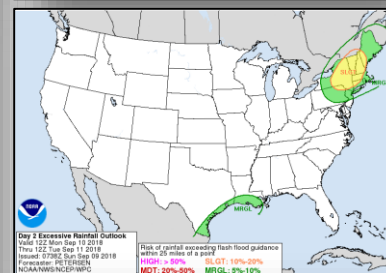
# Precipitation / Excessive Rainfall Forecast



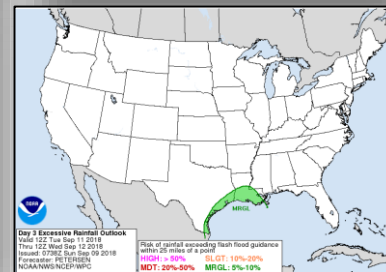
FEMA



Sun



Mon



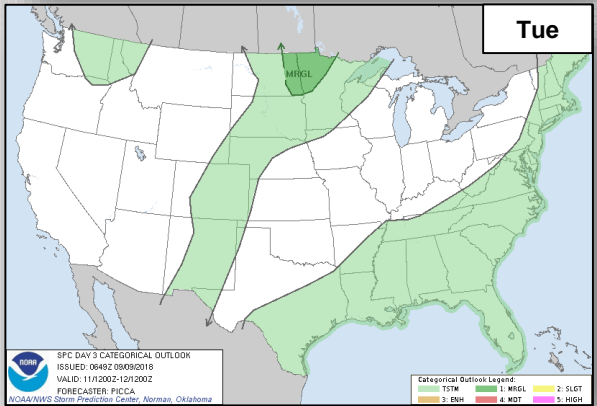
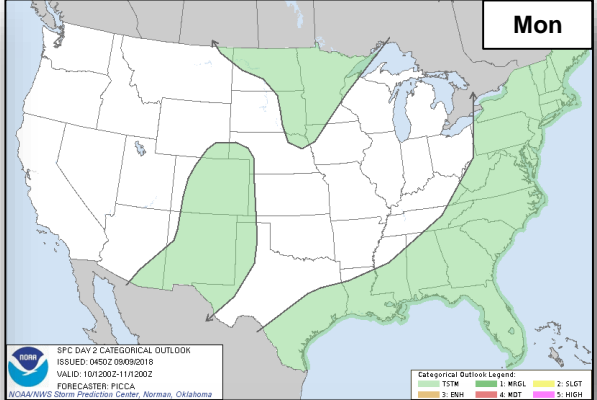
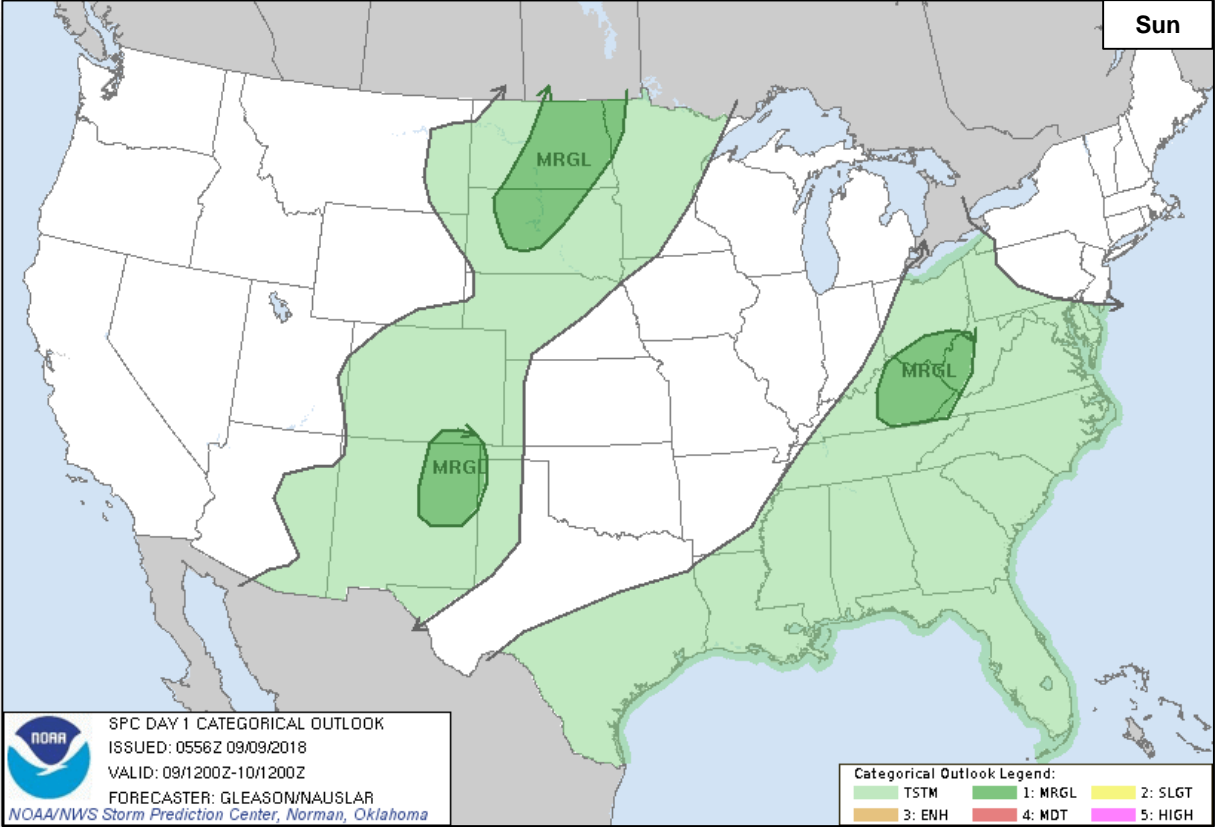
Tue



# Severe Weather Outlook



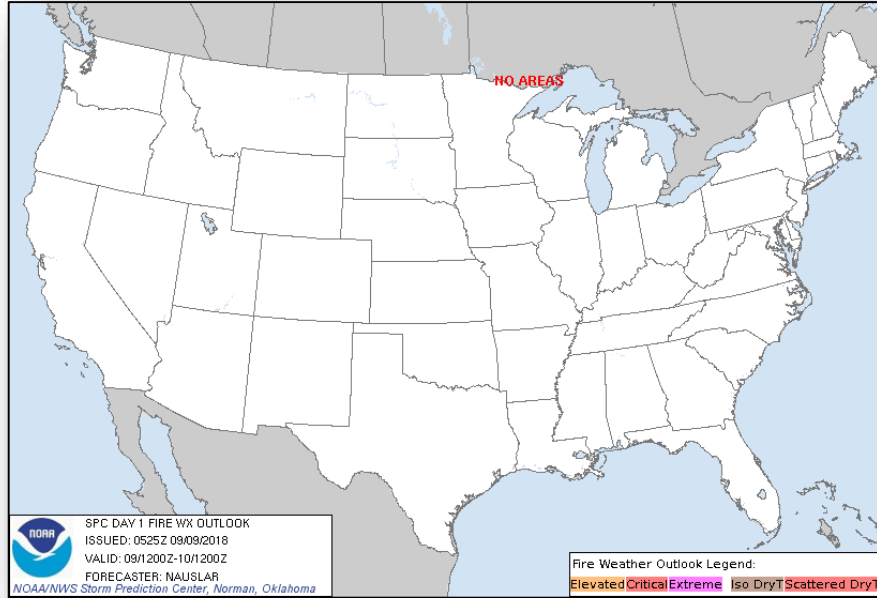
FEMA



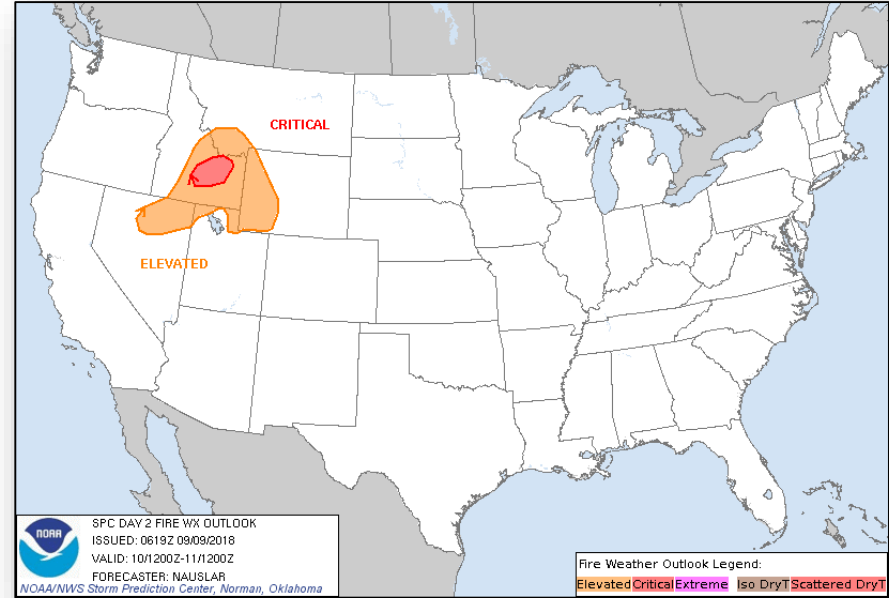
# Fire Weather Outlook



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**Sunday**

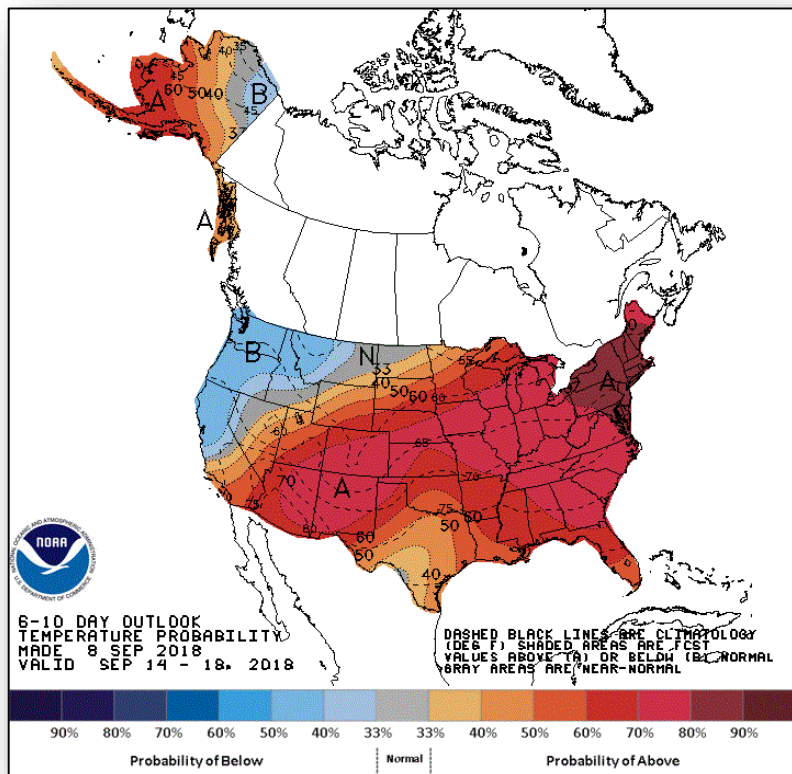


**Monday**

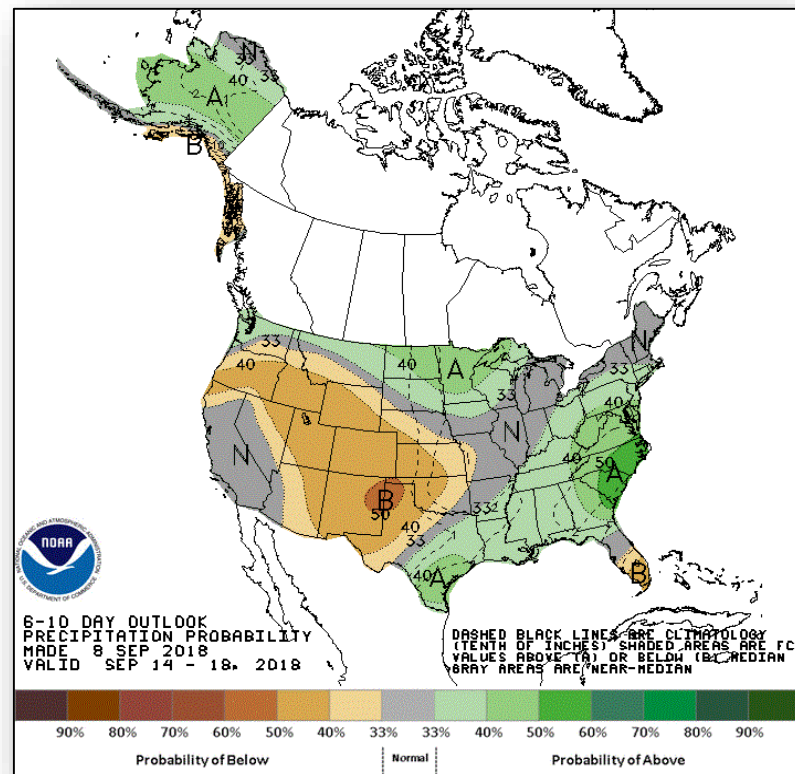
# Long Range Outlooks – Sept 14 - 18



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**6 - 10 Day Temperature Probability**



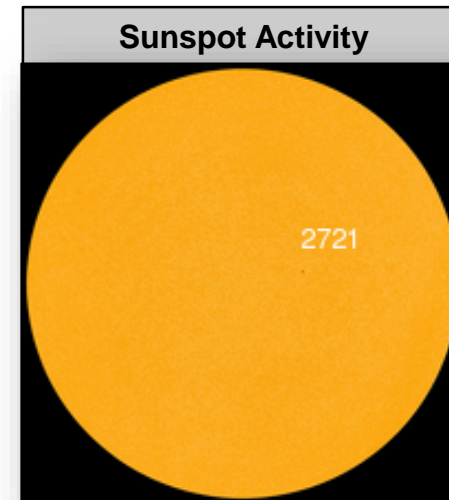
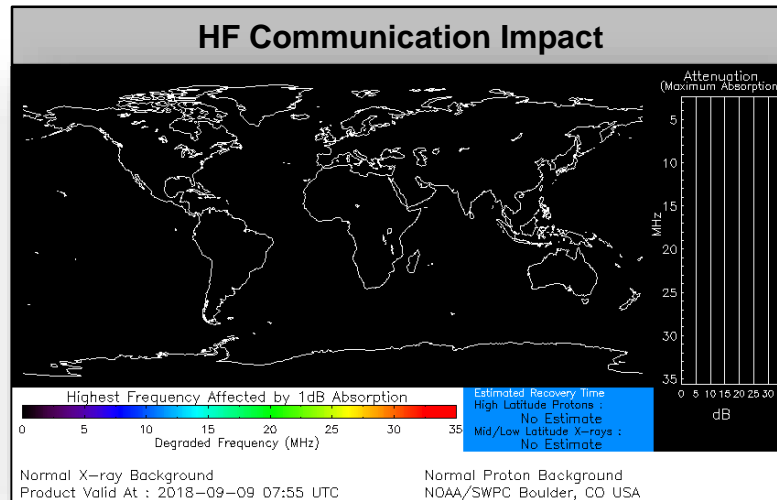
**6 - 10 Day Precipitation Probability**

# Space Weather



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



# Joint Preliminary Damage Assessments



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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
IX	HI	Hurricane Lane August 26–31, 2018	IA	3	0	8/26 – TBD
			PA	3	0	8/27 – 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.*

# Disaster Requests & Declarations



**FEMA**

Declaration Requests in Process					Requests APPROVED (since last report)	Requests DENIED (since last report)
7	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		



# Readiness – Deployable Teams and Assets



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Resource	Force Strength	Available	Deployed	Other	Cadres with 25% or Less Availability						
IM Workforce	11,837 ▼	4,143 ▼ 29%	4,160 ▲	3,534	ACQ 18% (78/144); ADR 12% (30/51); DEC 14% (215/353); EHP 25% (45/391); ER 14% (11/43); FM 24% (73/262); LOG 24% (218/1,168); NDRS 25% (108/267); OCC 19% (60/103); SAF 11% (4/53)						
National IMATs* (3 Teams)	East 1: East 2: West:	B-2 Charlie B-48	4351-DR-AK 4369-DR-AK 4391-DR-AK FCO: Thomas J. Dargan VJFO: Anchorage, AK	4384-DR Confederated Tribes of the Colville Reservation FCO: Timothy B. Manner JFO: Nespelem, WA	4388-DR-MT FCO: James Stephenson VJFO: Denver, CO	4347-DR-KS 4375-DR-NE 4387-DR-NE FCO: C. Johnson-Cage VJFO: Kansas City, MO	4390-DR-MN FCO: Steven Johnson JFO: TBD	4386-DR-IA FCO: Timothy J. Scranton JFO: Windsor Heights, IA	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	Field Offices ★ JFOs: 18 DRs: 44 EMs: 1 Deployed Teams (Location)	
Regional IMATs (4 to 6 Teams)	Assigned: Available: PMC / NMC: Deployed:	13 2 (-3) 1 (-1) 10 (+4)	4382-DR-CA FCO: William Roche JFO: Sacramento, CA R-IX IMAT-2 (JFO)							4354-DR-ME 4355-DR-NH 4356-DR-VT 4367-DR-ME 4370-DR-NH 4371-DR-NH R-I IMAT (JFO)	4372-DR-MA 4379-DR-MA 4380-DR-VT 4385-DR-CT FCO: James N. Russo JFO: Manchester, NH
National ISBs (0 Teams)	Team A Team B Team C	Deployed Deployed Deployed	Tropical Cyclone Support R-VII IMAT (Andersen AB) R-X IMAT (Andersen AB) ISB Team MERS							4368-DR-NJ FCO: Lai Sun Yee VJFO: Colts Neck, NJ	4374-DR-MD 4376-DR-MD FCO: Emily Breslin VJFO: Philadelphia, PA
US&R (≥ 66%)	Assigned: Available: PMC / NMC: Deployed:	28 22 2 4								R-VIII IMAT FEMA NRCC	4359-DR-WV 4378-DR-WV FCO: Steven S. Ward JFO: Charleston, WV
MERS (≥ 66%)	Assigned: Available: PMC / NMC: Deployed:	36 33 0 3								R-IV IMAT 1 NC EOC R-IV IMAT 2 SC EOC	
FCO (≤ 1 Type I)	Assigned: Available: PMC / NMC: Deployed:	33 12 2 19	4389-DR-Havasupai Tribe FCO: Nancy Casper JFO: TBD	4373-DR-OK Closing September 21 FCO: Traci L. Brasher VJFO: Denton, TX	4337-DR-FL FCO: Thomas J. McCool JFO: Orlando, FL	4377-DR-TX Closing September 14 FCO: Jerry S. Thomas JFO: Austin, TX	4350-DR-MS 4358-DR-KY 4361-DR-KY FCO: Manny J. Toro 4362-DR-AL FCO: Thomas J. McCool VJFO: Atlanta, AL				
FDRC (≥ 3)	Assigned: Available: PMC / NMC: Deployed:	14 7 3 4	Tropical Cyclone Support Honolulu, Hilo, Maui R-IX IMAT-1 (JFO - Honolulu) ISB Teams MERS US&R IST, CA-TF3, WA-TF1, Water Rescue Team	4365-DR-HI Closing September 14 FCO: Dolph A. Diemont 4366-DR-HI FCO: Benigno Bern Ruiz 3399-EM-HI JFO: Honolulu, HI			4336-DR-PR 4339-DR-PR FCO: Michael F. Byrne JFO: Guaynabo, PR	4335-DR-USVI 4340-DR-USVI FCO: Christopher Harnett JFO: St. Croix, USVI			

\* 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



**FEMA**

Status		Activated Team	Activation Level	Activation Times	Reason / Comments
<b>NWC</b> (5 Teams)	Steady State				Returned to 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

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before, during, and after disasters.**