

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.

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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

Wednesday, September 12, 2018
8:30 a.m. EDT

Significant Activity – Sep 11-12



FEMA

Significant Events: Hurricane Florence; Tropical Storm Olivia; Tropical Storm Isaac

Tropical Activity:

- Atlantic – Hurricane Florence (CAT 4); Tropical Storm Isaac; Hurricane Helene (CAT 1); Disturbance 1 (Invest 95L): Medium (60%); Disturbance 2: Medium (50%); Disturbance 3: Low (20%)
- Eastern Pacific – Post-Tropical Cyclone Paul - FINAL; Disturbance 1: Low (20%); Disturbance 2: Low (30%)
- Central Pacific – Tropical Storm Olivia
- Western Pacific – No activity affecting U.S. interests

Significant Weather:

- Heavy rain with flash flooding possible – Southern Plains to Lower Mississippi Valley
- Critical/elevated fire weather – CA, NV, AZ, UT, CO, WY, ID, NE & SD
- Red Flag Warnings – CA, NV, AZ, UT, CO, WY, NE & SD

Declaration Activity:

- Emergency Declaration approved – Virginia
- Emergency Declaration request - Hawaii

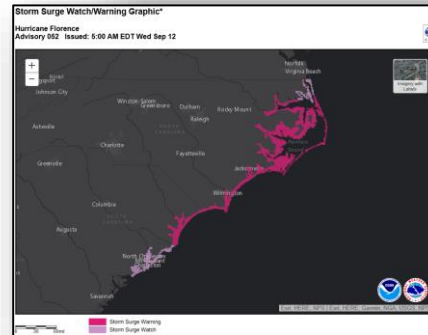
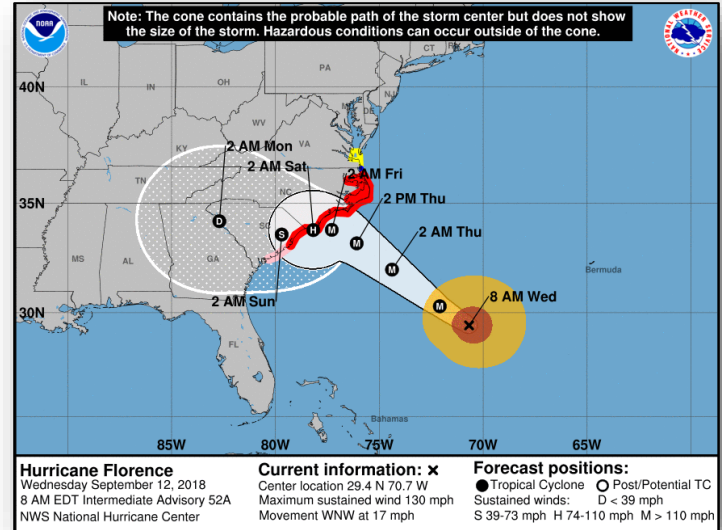
Hurricane Florence

Hurricane Florence (CAT 4) (Advisory #52A as of 8:00 a.m. EDT)

- 530 miles SE of Cape Fear, NC
- Moving WNW at 17 mph
- Maximum sustained winds 130 mph
- Expected to slow down considerably by late Thursday into Friday
- Hurricane-force winds extend outward up to 70 miles
- Tropical-storm-force winds extend 175 miles

Watches & Warnings

- A Storm Surge Warning is in effect for...
 - South Santee River South Carolina to Duck North Carolina
 - Albemarle and Pamlico Sounds, including the Neuse and Pamlico Rivers
- A Storm Surge Watch is in effect for...
 - Edisto Beach South Carolina to South Santee River South Carolina
 - North of Duck North Carolina to the North Carolina/Virginia border
- A Hurricane Warning is in effect for...
 - South Santee River South Carolina to Duck North Carolina
 - Albemarle and Pamlico Sounds
- A Hurricane Watch is in effect for...
 - Edisto Beach South Carolina to South Santee River South Carolina
- A Tropical Storm Warning is in effect for...
 - North of Duck North Carolina to the North Carolina/Virginia border
- A Tropical Storm Watch is in effect for...
 - North of the North Carolina/Virginia border to Cape Charles Light Virginia
 - Chesapeake Bay south of New Point Comfort



NWS Weather Prediction Center

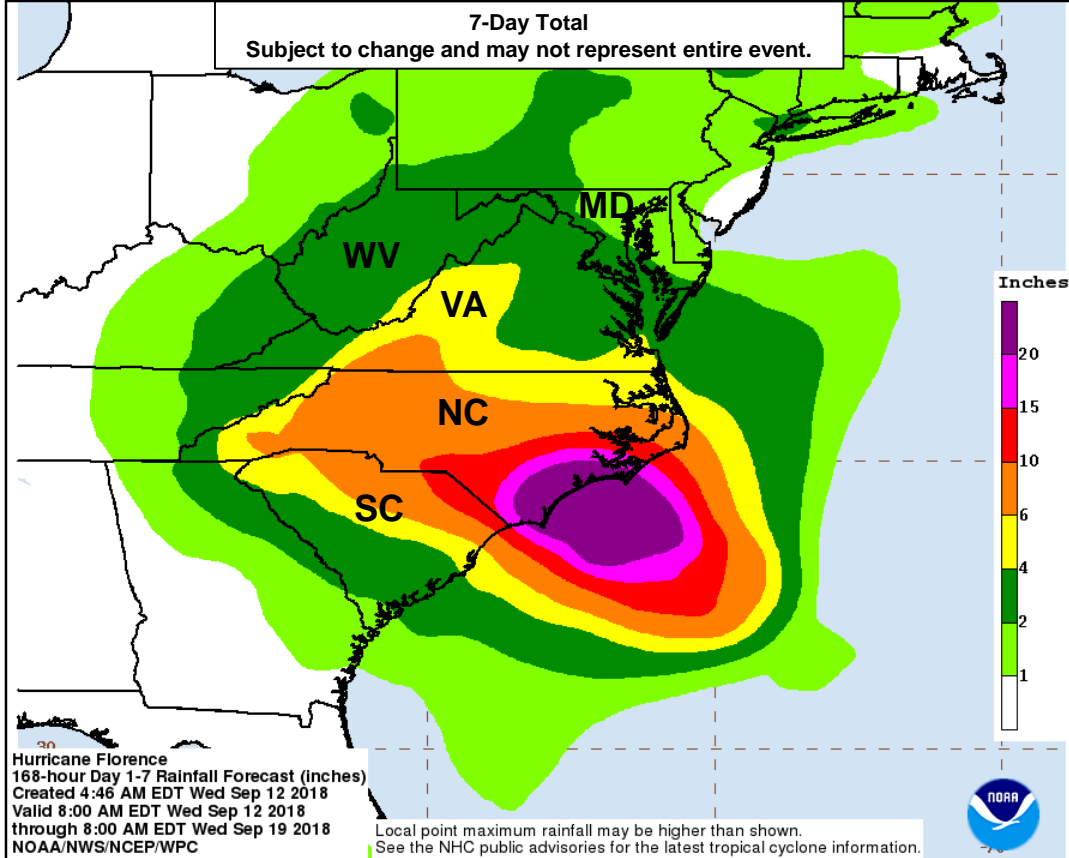
Update #3, 8:30 am EDT, Wednesday, Sep. 12, 2018



FEMA

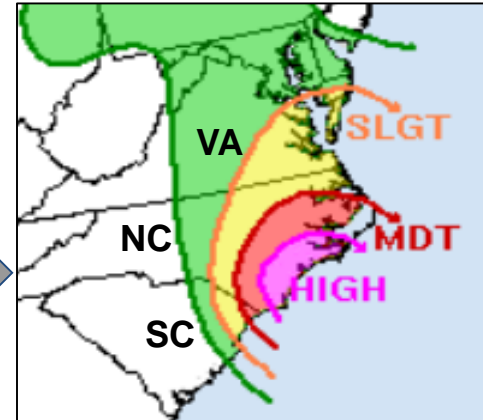
Total Rainfall Forecast Through Wednesday, Sep. 19, 2018

7-Day Total
Subject to change and may not represent entire event.

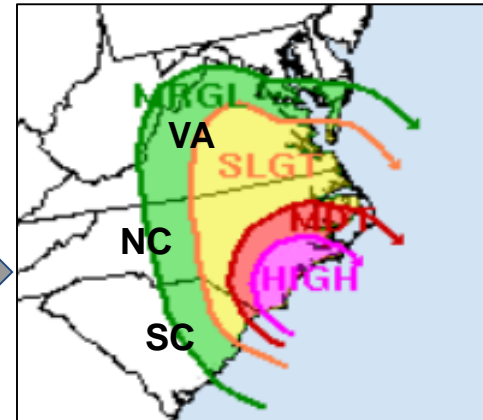


Daily Flash Flood Risk

Through
Friday
Morning



Through
Saturday
Morning



Tropical Outlook – Atlantic



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Hurricane Helene (CAT 1) (Advisory #20 as of 5:00 a.m. EDT)

- 800 miles WNW of the Cabo Verde Islands
- Moving NNW at 13 mph
- Maximum sustained winds 90 mph
- Weakening is forecast and should become a tropical storm on Thursday
- No coastal watches or warnings in effect

Disturbance 1 (Invest 95L) (as of 8:00 a.m. EDT)

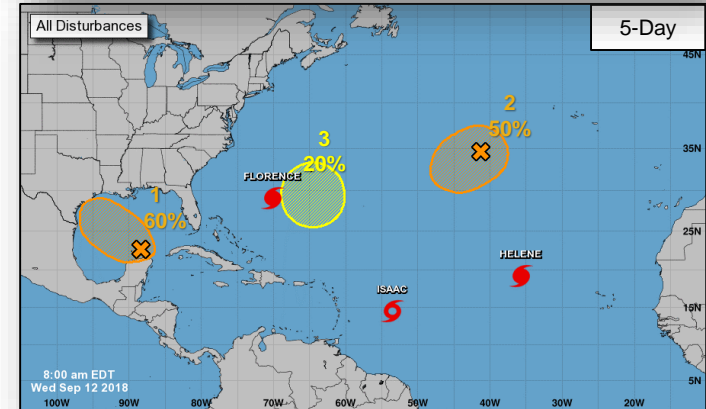
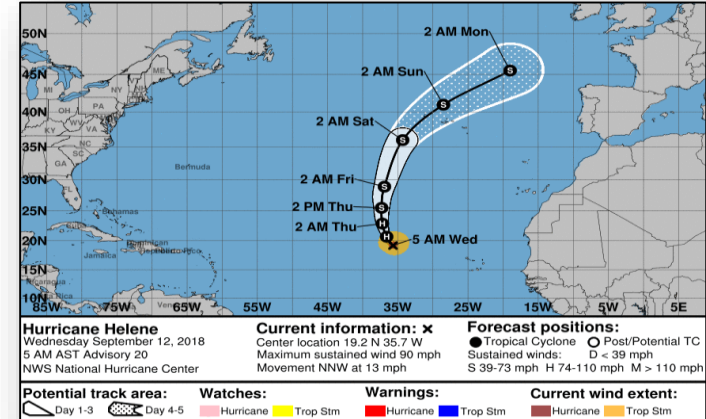
- Located over the south central Gulf of Mexico
- Heavy rainfall and gusty winds expected across portions of Texas, and Louisiana later this week
- Formation chance through 48 hours: Medium (60%)
- Formation chance through 5 days: Medium (60%)

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

- Located several hundred miles WSW of the Azores
- Formation chance through 48 hours: Medium (40%)
- Formation chance through 5 days: Medium (50%)

Disturbance 3 (as of 8:00 a.m. EDT)

- Located near Bermuda
- Formation chance through 48 hours: Low (near 0%)
- Formation chance through 5 days: Low (20%)



Tropical Storm Isaac

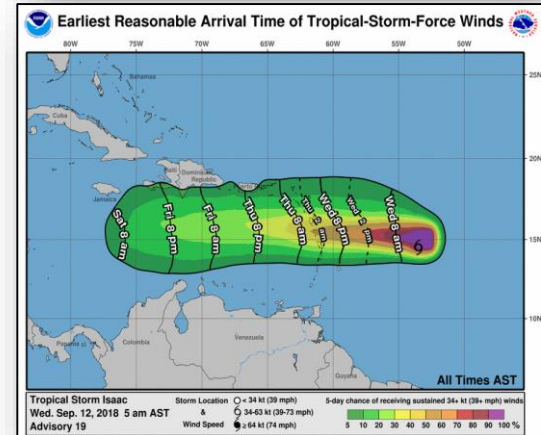


Tropical Storm Isaac (Advisory #19A, as of 8:00 a.m. EDT)

- 450 miles E of Martinique
- Moving W at 15 mph
- Maximum sustained winds are 60 mph
- Tropical-storm-force winds extend 105 miles
- A little weaker as it moves toward the Lesser Antilles

Watches & Warnings

- Tropical Storm Warning in effect for
 - Guadeloupe
 - Martinique
 - Dominica
- Tropical Storm Watch in effect for
 - Antigua
 - Montserrat
 - St. Kitts and Nevis
 - Saba and St. Eustatius



Tropical Outlook – Eastern Pacific



Post-Tropical Cyclone Paul - FINAL (Advisory #16 as of 2:00 a.m. EDT)

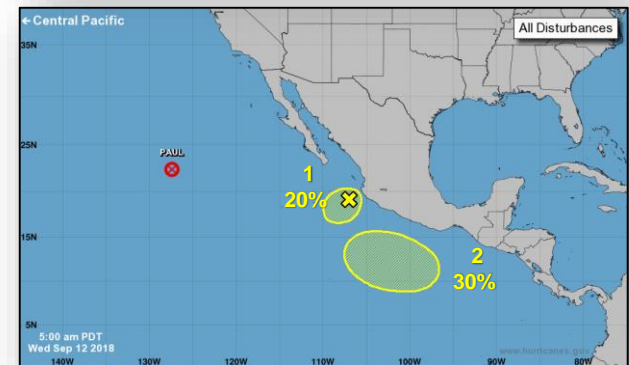
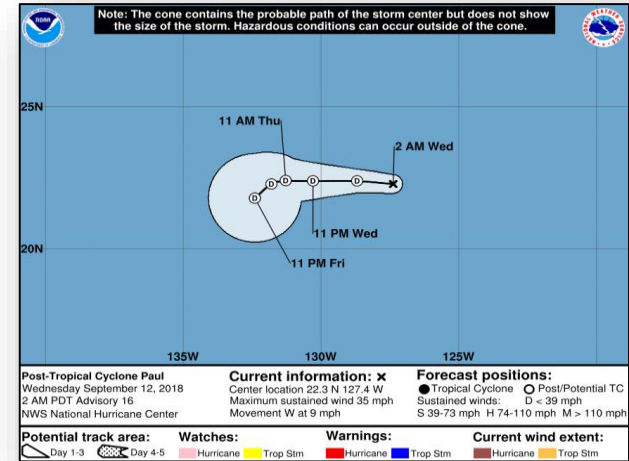
- Located 1,115 miles W of Baja California
- Moving W at 9 mph
- Maximum sustained winds 35 mph

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

- Located several hundred miles west of the west-central coast of Mexico
- Formation chance through 48 hours: Low (20%)
- Formation chance through 5 days: Low (20%)

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

- Expected to develop well south of the southwestern coast of Mexico
- Formation chance through 48 hours: Low (near 0%)
- Formation chance through 5 days: Low (30%)



Tropical Storm Olivia



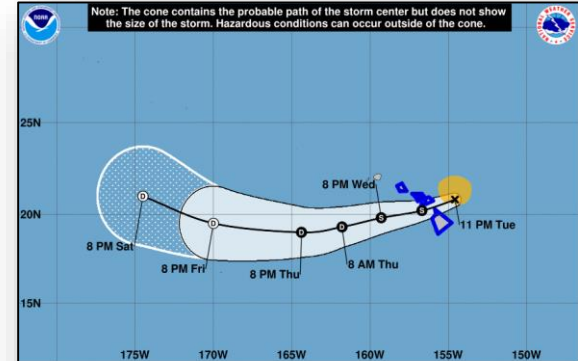
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Tropical Storm Olivia (Advisory #47 as of 5:00 a.m. EDT)

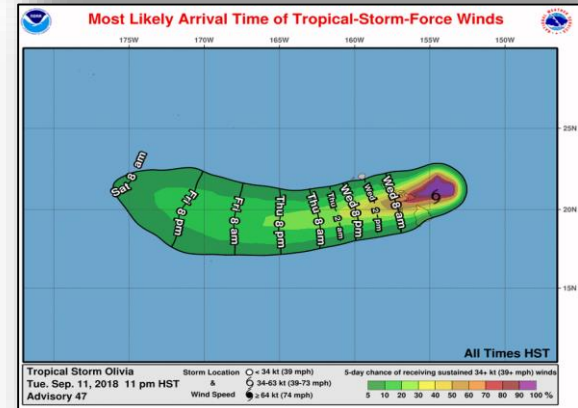
- 125 miles E of Kahului, HI; 215 miles E of Honolulu, HI
- Moving WSW at 8 mph
- Maximum sustained winds 45 mph
- Tropical storm force winds extend 90 miles
- Some weakening is forecast, but expected to remain a tropical storm as it moves over the Hawaiian Islands tonight and Wednesday

Watches & Warnings

- Tropical Storm Warnings in effect for counties of Oahu, Maui and Hawaii



Tropical Storm Olivia Tuesday September 11, 2018 11 PM HST Advisory 47 NWS Central Pacific Hurricane Center	Current information: x Center location 20.8 N 154.6 W Maximum sustained wind 45 mph Movement WSW at 8 mph	Forecast positions: ● Tropical Cyclone ○ Post/Potential TC Sustained winds: D < 39 mph S 39-73 mph H 74-110 mph M > 110 mph	
Potential track area: Day 1-3 (dotted) Day 4-5 (stippled)	Watches: Hurricane (pink) Trop Stm (yellow)	Warnings: Hurricane (red) Trop Stm (blue)	Current wind extent: Hurricane (brown) Trop Stm (orange)



Tropical Storm Olivia



Situation

Outermost shower bands of Tropical Storm Olivia are gradually spreading across the Hawaiian Islands

Preparations / Response

FEMA HQ

- NRCC at **Level I**, 24/7 with all ESFs & LNOs
- US&R teams deployed to Honolulu, HI (IST Blue, WA-TF1, personnel from CA-TF6 & CA-TF8); Kona, HI (CA-TF3)
- ISB teams deployed to HI
- MERS teams deployed to FEMA HQ & HI

FEMA Region IX

- IMAT 1 deployed to HI
- **LNOs deployed to all counties in HI**

Hawaii

- HI EOC at Partial Activation
 - Maui & Hawaii County EOCs at Full Activation
 - Oahu & Kauai County EOCs at Partial Activation
- State of emergency declared
- Governor requested an Emergency Declaration on September 11, 2018

Lifelines

Safety & Security:

- Maui county schools closed today

Food, Water and Shelter:

- 17 shelters / 101 occupants (ARC Midnight Shelter Count as of 5:46 a.m. EDT)
- No destabilizing factors

Health and Medical:

- No destabilizing factors

Transportation:

- All seaports closed (port condition Zulu)
- All airports open

Hazardous Waste:

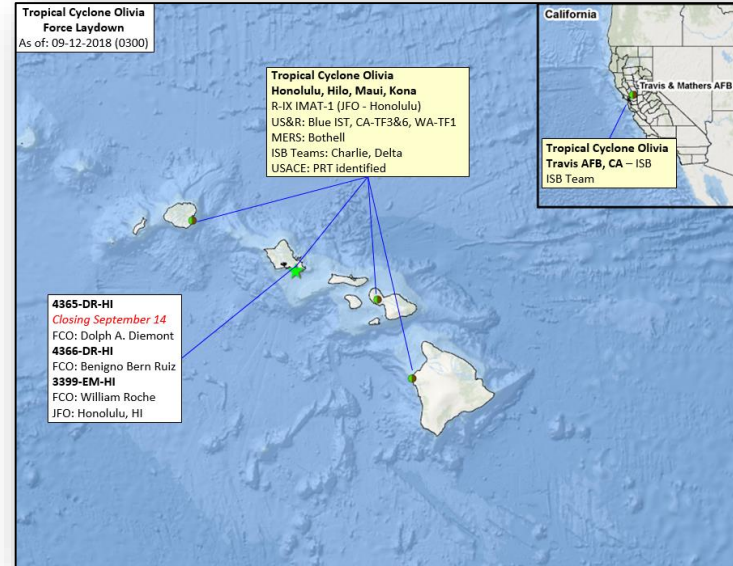
- No destabilizing factors

Energy:

- No destabilizing factors

Communications:

- No destabilizing factors



HI



Hurricane Florence



FEMA

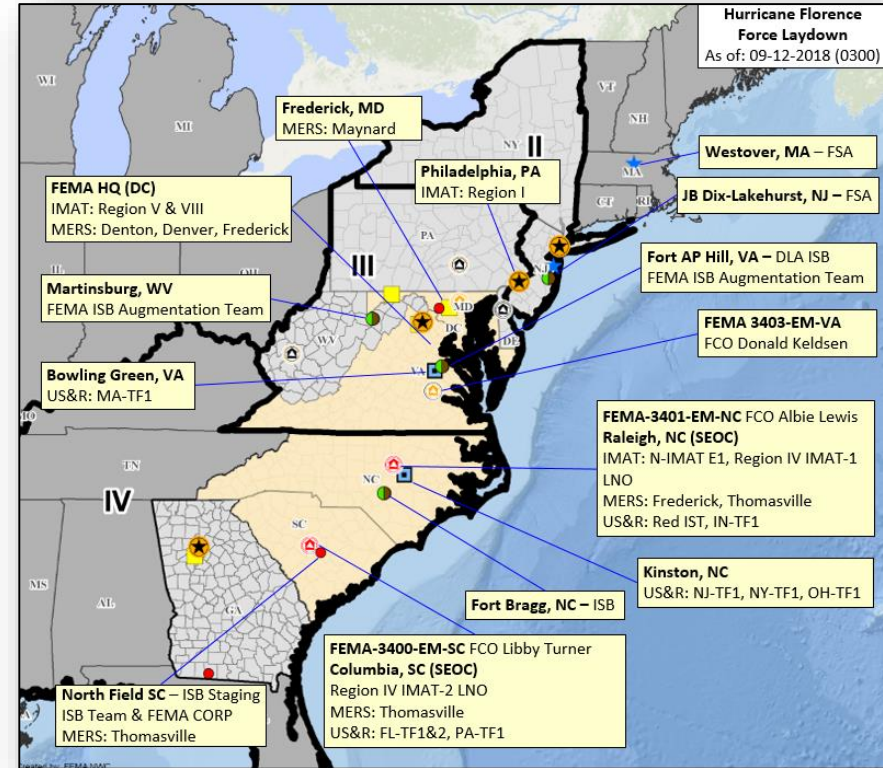
Situation

Hurricane Florence expected to make landfall along the East Coast Friday

Preparations/Response

FEMA HQ

- NRCC at [Level I](#), 24/7 with all LNOs and ESFs
- National IMAT East-1 deployed to NC
- Region V & VIII IMATs deployed to DC to pre-stage
- [Region I IMAT deployed to VA](#)
- [MERS assets deployed](#)
- [FSAs established at Ft A.P. Hill, VA and Martinsburg, WV](#)



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

Hurricane Florence



Region IV

- RRCC at Level II, 24/7
- LNOs and DCO/DCE deployed to NC and SC
- IMAT 1 deployed to NC
- IMAT 2 deployed to SC
- Regional HLT deployed to NHC

North Carolina (FEMA-3401-EM-NC):

- EOC at Full Activation; Statewide State of Emergency declared
- [Mandatory evacuations in effect for select areas; 50k evacuated out of 200k anticipated](#)
 - Possible shortage of bus service due to World Equestrian Games
- US&R: Red IST, IN-TF1
- Shelters: 5 open with 258 occupants (*ARC Midnight Shelter Count as of 5:46 a.m. EDT*)

South Carolina (FEMA-3400-EM-SC):

- EOC at Full Activation; Statewide State of Emergency declared
- Several public schools and government offices will be closed today
- Mandatory evacuations in effect for [6 counties, all other orders rescinded](#)
 - Highway 521 (evacuation route) has construction projects and is down to one lane
- Shelters: 31 open with 1,385 occupants (*ARC Midnight Shelter Count as of 5:46 a.m. EDT*)
- US&R: FL-TF1&2, PA-TF1
- Tennessee EOC at Monitoring (to support EMAC requests)

Region III

- RRCC at Level II (day shift only) with all ESFs, DOD USCG, DHS IP, ARC; [will go to Level III \(night shift only\) today](#)
- LNO deployed to NRCC
- [IMAT \(Type III\) deploying to MD](#)
- IMAT (Type III) deployed to VA

Virginia (FEMA-3403-EM-VA):

- EOC at Partial Activation; State of Emergency declared; National Guard activated
- [Emergency Declaration approved September 11](#)
- Mandatory evacuation in effect for Zone A ([19 counties](#)) in the Hampton Roads area
- [Planning to open 3 state shelters by September 13](#)

State Response

- MD EOC at Partial Activation; State of Emergency declared
- [WV EOC at Full Activation](#)
- DE EOC at Monitoring
- DC EOC at Monitoring; Mayor declared a state of emergency
- PA EOC returned to Normal Operations

Region II

- NJ EOC at Monitoring (to support EMAC requests and US&R requirements)

Tropical Storm Isaac

Situation

Puerto Rico and the USVI could see possible impacts from Tropical Storm Isaac on Thursday. Progress on a large number of recovery projects from 2017 could be slowed, halted or set-back due to potential impacts.

Preparations/Response

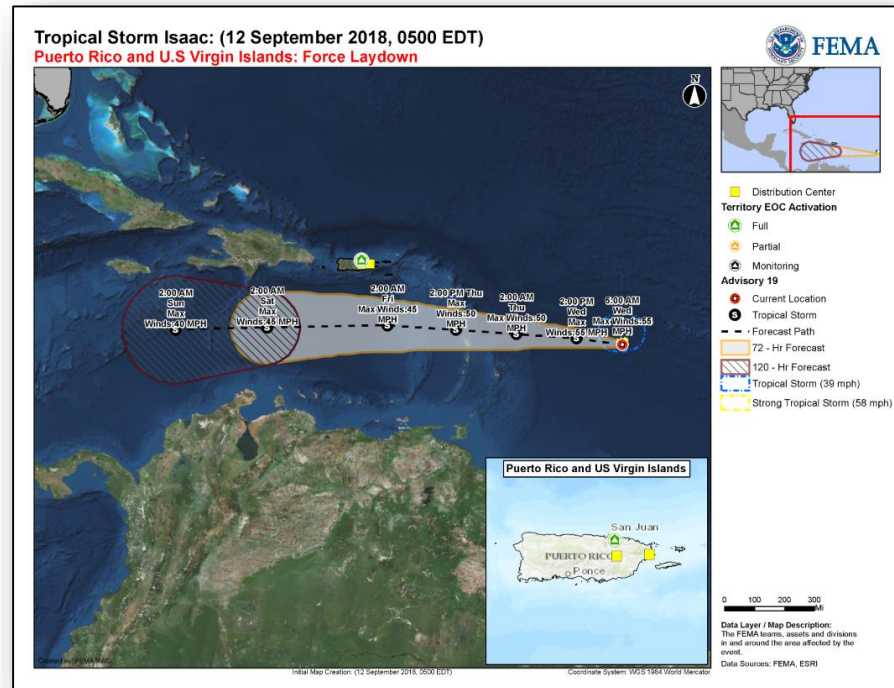
FEMA HQ

- NRCC at [Level I](#), 24/7 with all LNOs and ESFs

FEMA Region II

- RRCC at Level II (day shift only) with all ESFs
- 2 LNOs deployed to PREMA EOC; 1 LNO deployed to USVI
- IMAT Team deployed to USVI
- [Puerto Rico at Monitoring](#)
- [USVI at Monitoring](#)

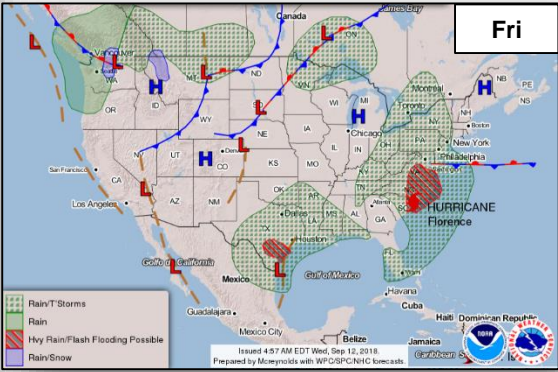
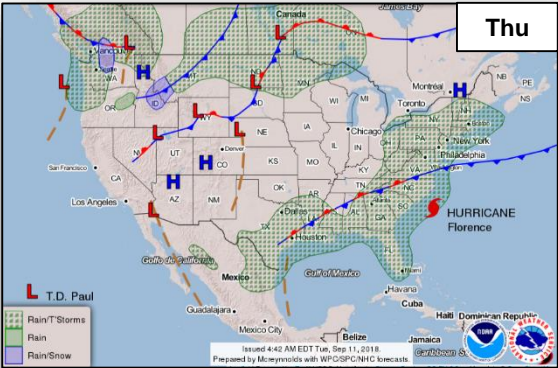
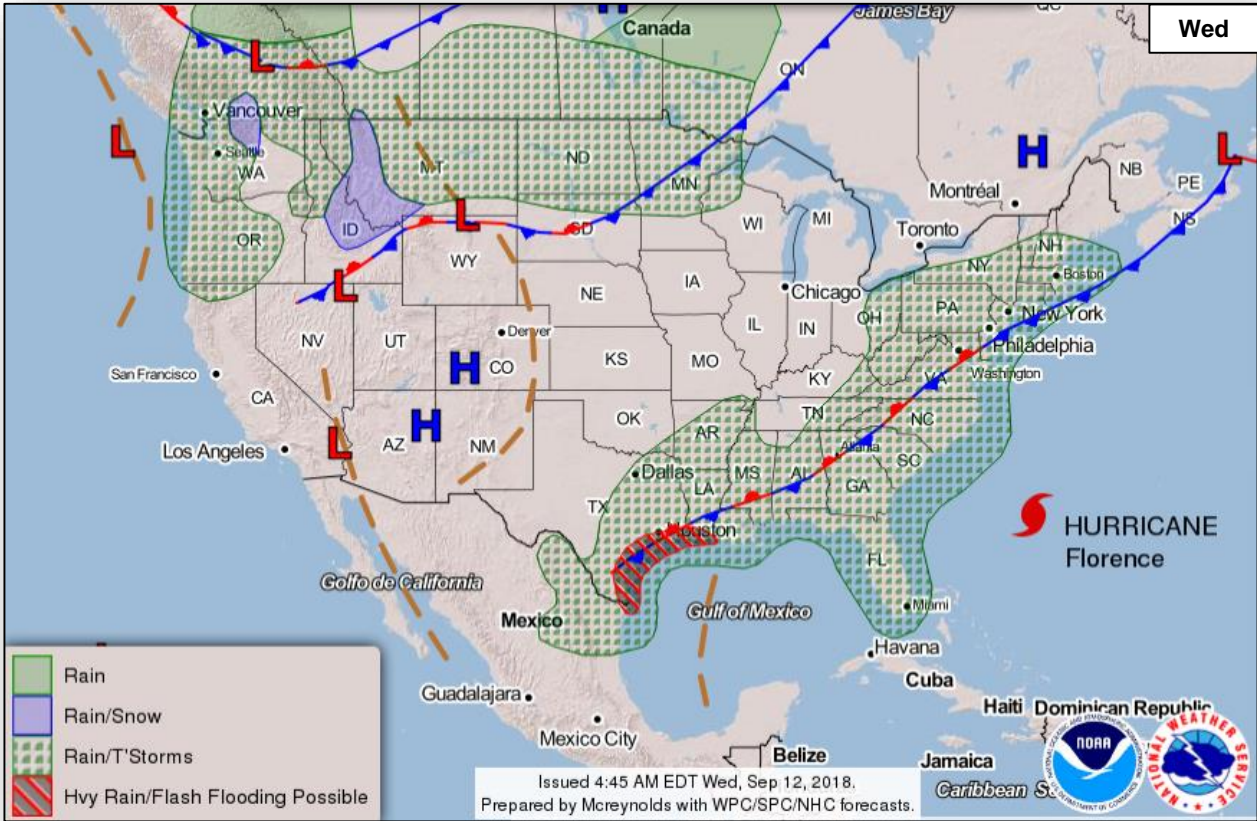
- [USCG set port condition WHISKEY for PR & USVI](#)



National Weather Forecast



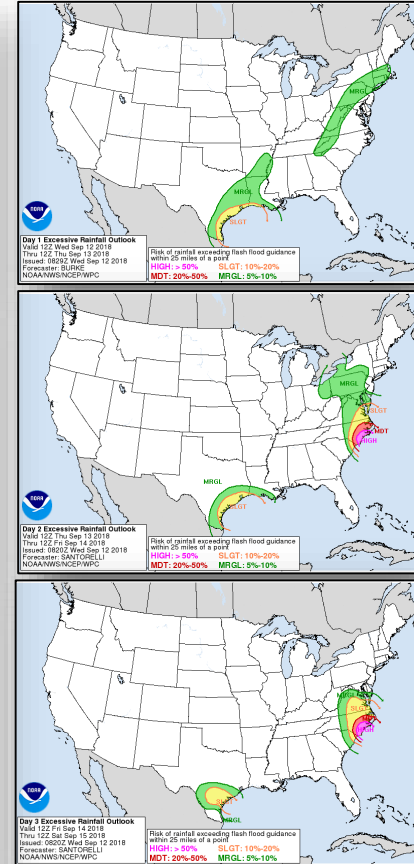
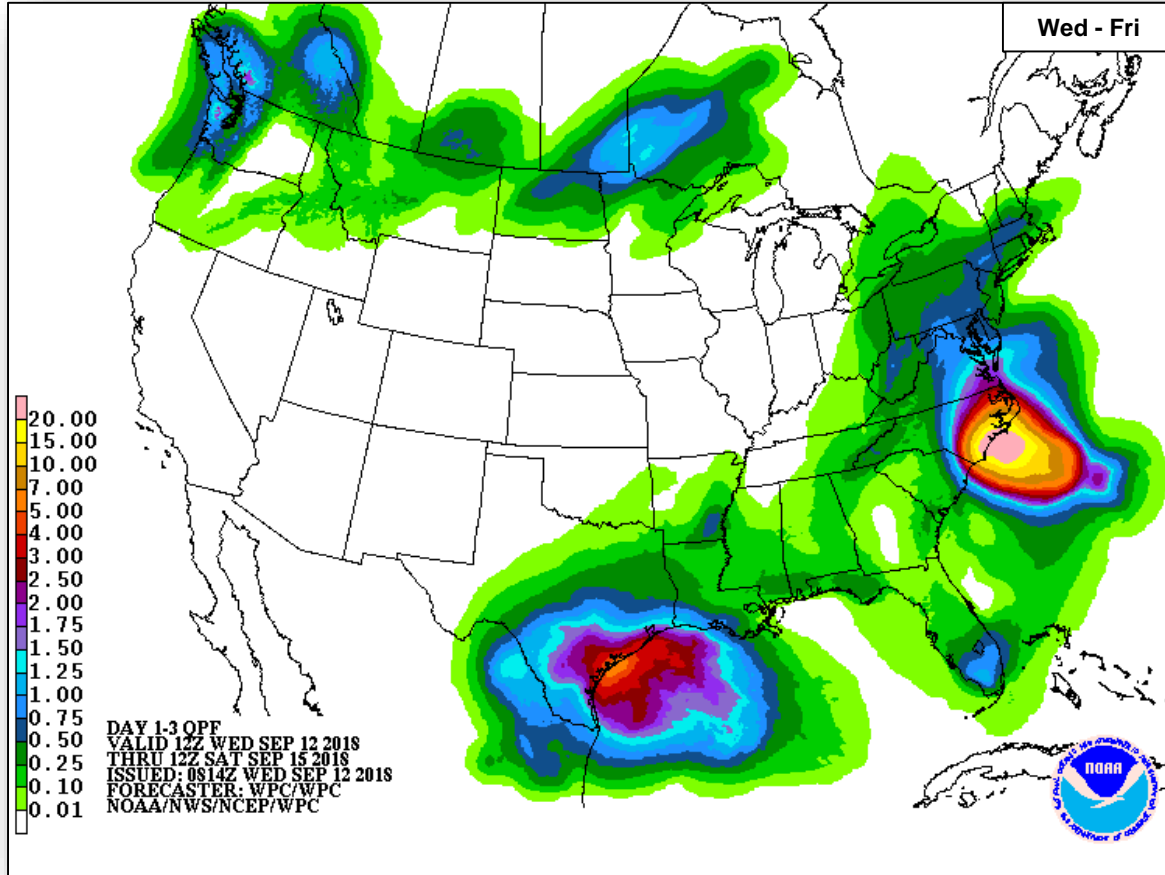
FEMA



Precipitation / Excessive Rainfall Forecast



FEMA



Wed

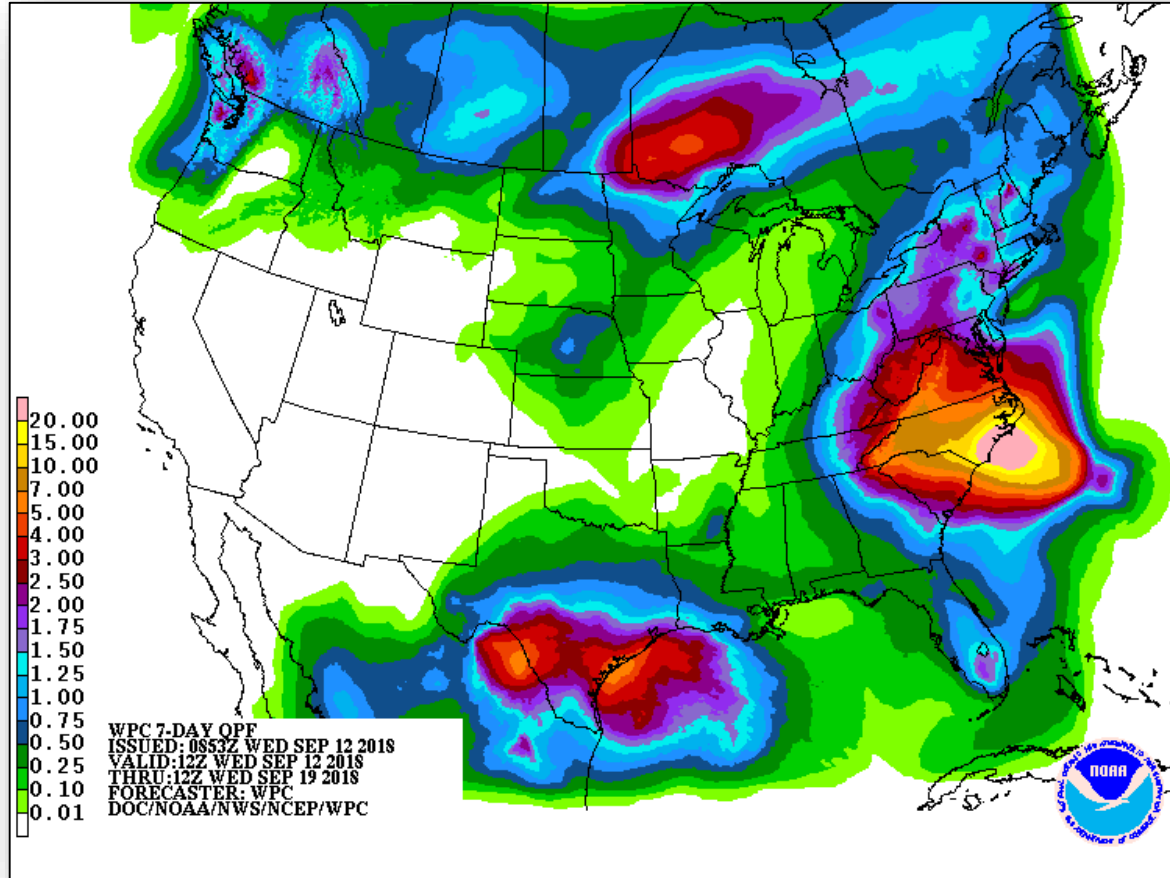
Thu

Fri

7-day Forecast Precipitation



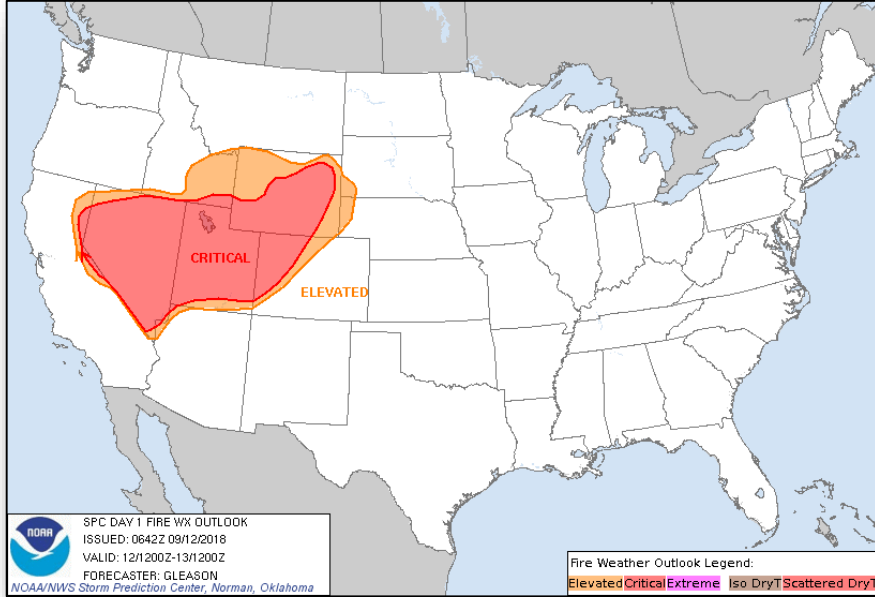
FEMA



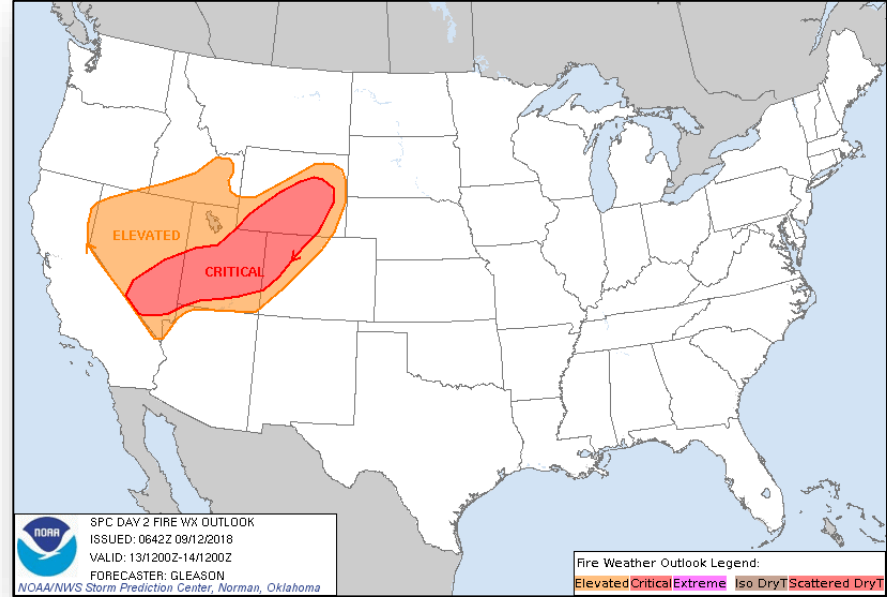
Fire Weather Outlook



FEMA



Wednesday

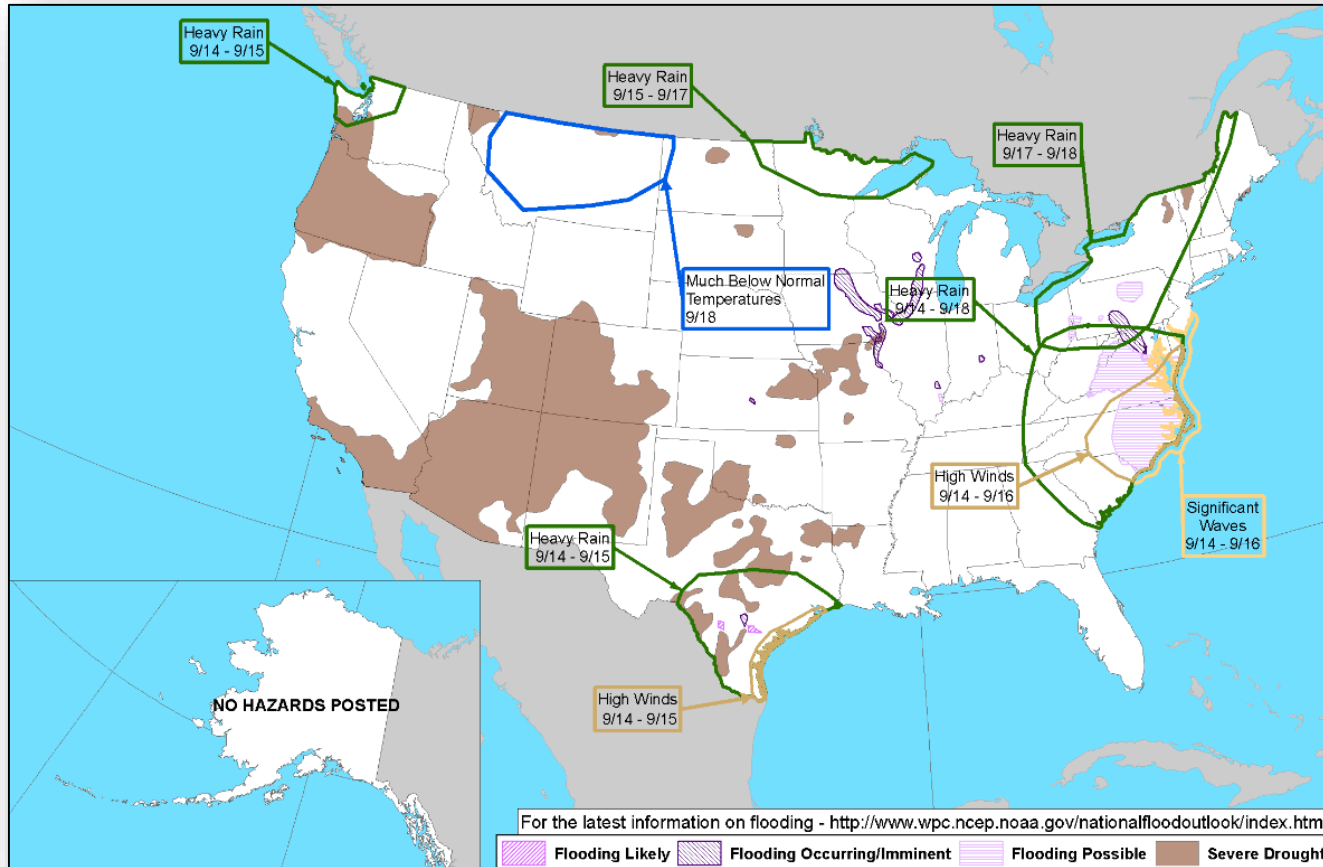


Thursday

Hazards Outlook – Sep 14-18



FEMA



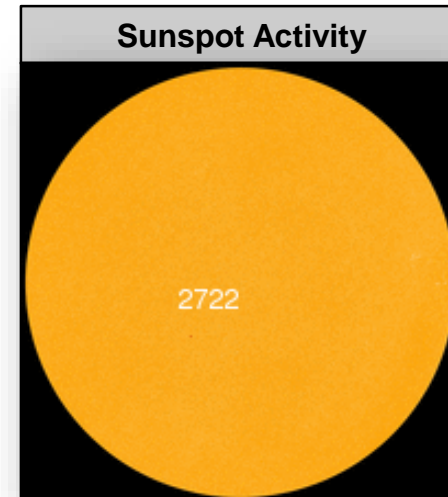
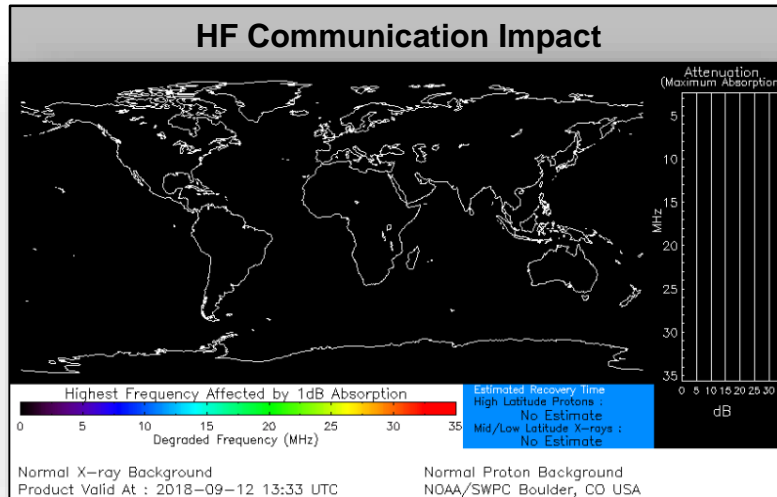
Space Weather



FEMA

	Space Weather Activity	Geomagnetic Storms	Solar Radiation	Radio Blackouts
Past 24 Hours	None	None	None	None
Next 24 Hours	Minor	G1	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	
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 Approved



FEMA

FEMA-3403-EM-VA

- Emergency declaration approved September 11, 2018 for the State of Virginia
- For Hurricane Florence beginning September 8, 2018 and continuing
- Provides emergency protective measures (Category B), limited to direct federal assistance program at 75% federal funding
- FCO is Donald L. Keldsen



■ PA

Declaration Request



FEMA

Hawaii

- The Governor requested a Emergency Declaration on September 11, 2018
- For Tropical Storm Olivia beginning September 9, 2018 and continuing
- Requesting:
 - Debris removal and emergency protective measures (Categories A & B), including direct Federal assistance under the Public Assistance program for all 5 counties



■ PA

Disaster Requests & Declarations



FEMA

Declaration Requests in Process					Requests APPROVED (since last report)	Requests DENIED (since last report)
8	IA	PA	HM	Date Requested	1	0
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 Storm 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 5, 2018		
PA – (Appeal) DR Severe Storms, Flooding, and Landslides		X	X	September 7, 2018		
VA – EM Hurricane Florence	X		X	September 10, 2018	Declared September 11, 2018	
HI – EM Tropical Storm Olivia		X		September 11, 2018		

Readiness – Deployable Teams and Assets



FEMA

Resource	Force Strength	Available	Deployed	Other	Cadres with 25% or Less Availability
IM Workforce	11,844 ▼	3,017 ▼ 25%	5,123 ▲	3,704	EHP 14% (55/387); ER 14% (6/43); FL 24% (37/157); FM 25% (66/264); HR 14% (32/235); IT 14% (91/629); LOG 13% (155/1,168); OPS 11% (30/261); PA 11% (196/1,822); PLAN 15% (50/341); SAF 4% (2/53); SEC 12% (13/107)
National IMATs* (1-2 Teams)	East 1: East 2: West:	Deployed Charlie B-48			<div data-bbox="614 263 755 342"> <p>4384-DR Confederated Tribes of the Colville Reservation FCO: Timothy B. Manner JFO: Nespelem, WA</p> </div> <div data-bbox="877 263 1000 342"> <p>4347-DR-KS 4375-DR-NE 4387-DR-NE FCO: C. Johnson-Cage VIFO: Kansas City, MO</p> </div> <div data-bbox="1012 263 1155 342"> <p>4386-DR-IA FCO: Timothy J. Scranton JFO: Windsor Heights, IA</p> </div> <div data-bbox="1166 263 1309 342"> <p>4390-DR-MN FCO: Steven Johnson JFO: TBD</p> </div> <div data-bbox="1321 263 1464 342"> <p>4360-DR-OH FCO: Steven W. Johnson 4363-DR-IN Closing September 17</p> </div> <div data-bbox="1476 263 1619 342"> <p>4359-DR-WV 4378-DR-WV FCO: Steven S. Ward JFO: Charleston, WV</p> </div> <div data-bbox="1630 263 1773 342"> <p>4354-DR-ME* 4372-DR-MA 4355-DR-NH* 4379-DR-MA 4356-DR-VT 4380-DR-VT 4367-DR-ME 4385-DR-CT 4370-DR-NH FCO: James N. Russo 4371-DR-NH FCO: Manchester, NH R-I IMAT* (JFO)</p> </div>
Regional IMATs (< 3 Teams)	Assigned: Available: PMC / NMC: Deployed:	13 1 1 11			<div data-bbox="614 358 755 405"> <p>4388-DR-MT FCO: James Stephenson VIFO: Denver, CO</p> </div> <div data-bbox="799 419 755 466"> <p>4382-DR-CA FCO: William Roche JFO: Sacramento, CA</p> </div> <div data-bbox="614 495 755 542"> <p>4389-DR-Havasupai Tribe FCO: Nancy Casper JFO: TBD</p> </div>
National ISBs (0 Teams)	Team A Team B Team C	Deployed Deployed Deployed			<div data-bbox="614 572 755 619"> <p>3402-EM-Mariana Island FCO: Willie G. Nunn JFO: TBD</p> </div>
US&R (≥ 66%)	Assigned: Available: PMC / NMC: Deployed:	28 0 3 25			
MERS (33-65%)	Assigned: Available: PMC / NMC: Deployed:	36 22 (-6) 0 14 (+6)			<div data-bbox="614 692 755 772"> <p>Tropical Cyclone Support R-VII IMAT (Andersen AB) R-X IMAT (Andersen AB) ISB Team MERS</p> </div> <div data-bbox="799 670 923 739"> <p>4373-DR-OK Closing September 21 FCO: Traci L. Brasher VIFO: Denton, TX</p> </div> <div data-bbox="799 746 923 826"> <p>4377-DR-TX Closing September 14 FCO: Jerry S. Thomas JFO: Austin, TX R-VI IMAT-1 (JFO)</p> </div>
FCO (≤ 1 Type I)	Assigned: Available: PMC / NMC: Deployed:	33 7 (-2) 2 24 (+2)			<div data-bbox="614 812 755 892"> <p>Tropical Cyclone Support Honolulu, Hilo, Maui R-IX IMAT-1 (JFO - Honolulu) ISB Teams MERS US&R: Blue IST, CA-TF3 & 6, WA-TF1</p> </div> <div data-bbox="1186 867 1309 935"> <p>4365-DR-HI Closing September 14 FCO: Dolph A. Diemont 4366-DR-HI FCO: Benigno Bern Ruiz 3399-EM-HI JFO: Honolulu, HI</p> </div>
FDRC (≥ 3)	Assigned: Available: PMC / NMC: Deployed:	14 3 (+4) 2 (+1) 9 (+5)			<div data-bbox="1360 801 1483 914"> <p>4350-DR-MS 4358-DR-KY 4361-DR-KY FCO: Manny J. Toro 4362-DR-AL FCO: Thomas J. McCool VIFO: Atlanta, AL</p> </div> <div data-bbox="1495 856 1619 914"> <p>4337-DR-FL FCO: Thomas J. McCool JFO: Orlando, FL</p> </div> <div data-bbox="1727 790 1850 903"> <p>3400-EM-SC FCO: Elizabeth Turner JFO: TBD R-IV IMAT 2 (SC EOC) MERS US&R: FL-TF1 & 2, PA-TF1</p> </div>
					<div data-bbox="1746 397 1870 466"> <p>4374-DR-MD 4376-DR-MD FCO: Emily Breslin VIFO: Philadelphia, PA</p> </div> <div data-bbox="1746 484 1870 542"> <p>Hurricane Florence NRCC Support (DC) IMATS: V, VIII MERS</p> </div> <div data-bbox="1746 561 1870 630"> <p>3403-EM-VA FCO: Donald Keldsen VIFO: TBD US&R: MA-TF1</p> </div> <div data-bbox="1746 648 1870 717"> <p>3401-EM-NC FCO: Albert Lewis JFO: TBD N-IMAT E1 R-IV IMAT 1 (NC EOC) MERS US&R: Red IST, IN-TF1, NJ-TF1, NY-TF1, OH-TF1</p> </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

FEMA Readiness – Activation Teams



FEMA

Status		Activated Team	Activation Level	Activation Times	Reason / Comments
NWC (5 Teams)	Steady State				
NRCC (2 Teams)	Activated	Blue	Level I	24/7	Tropical Activity – Atlantic & Pacific
HLT (1 Team)	Activated				
RWC / MOCs (10 Regions)	Activated	Region VI	Enhanced Watch	Day shift only	Severe Weather
RRCCs (10 Regions)	Activated	Region II Region III Region IV	Level II Level II / Level III Level II	Day shift only Day shift / Night shift 24/7	Tropical Activity – Atlantic



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