

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

Monday, September 17, 2018

8:30 a.m. EDT

# Significant Activity – Sep 16-17



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**Significant Events:** Tropical Depression Florence

**Tropical Activity:**

- Atlantic – Tropical Depression Florence; Tropical Depression Joyce; Disturbance 1: Low (10%)
- Eastern Pacific – Disturbance 1: High (70%)
- Central Pacific – No new tropical cyclone are expected during next 48 hours
- Western Pacific – No activity affecting U.S. interests

**Significant Weather:**

- Flash flooding possible –Mid-Atlantic to Ohio Valley and Northeast
- Elevated fire weather - NV, UT, CO, & WY
- Red Flag Warnings – WY

**Declaration Activity:**

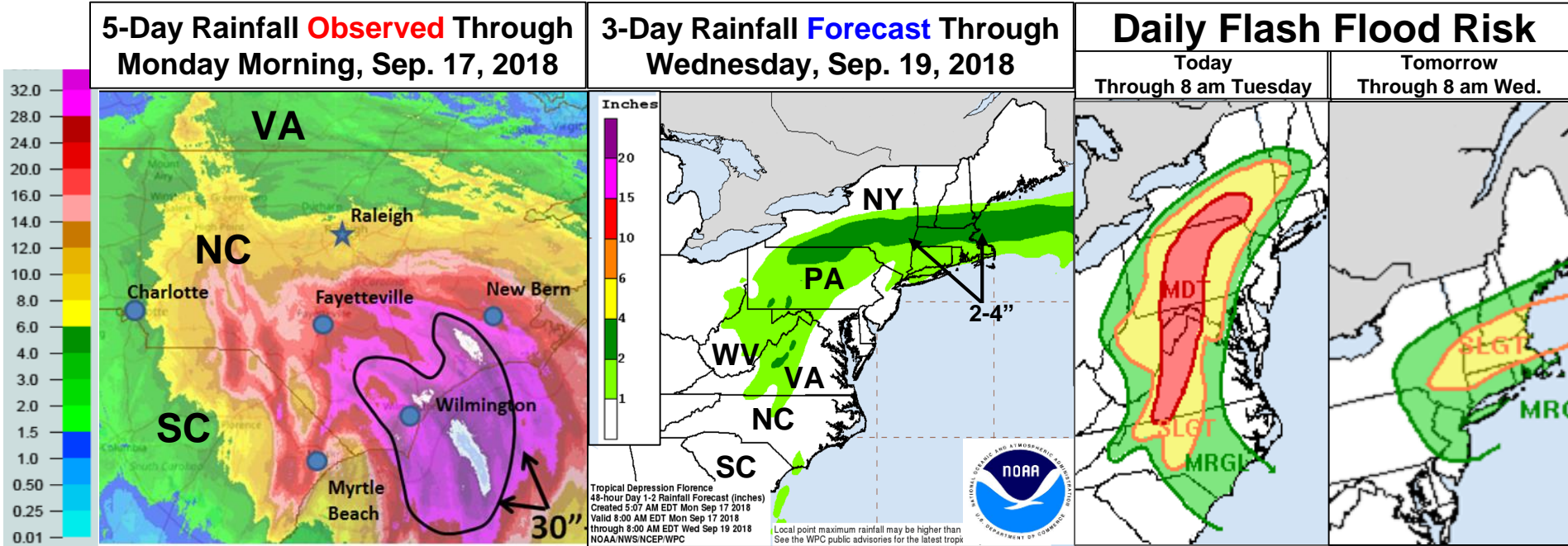
- Major Disaster Declaration approved – South Carolina

# NWS Weather Prediction Center

Update #8, 8:30 am EDT, Monday, Sep. 17, 2018

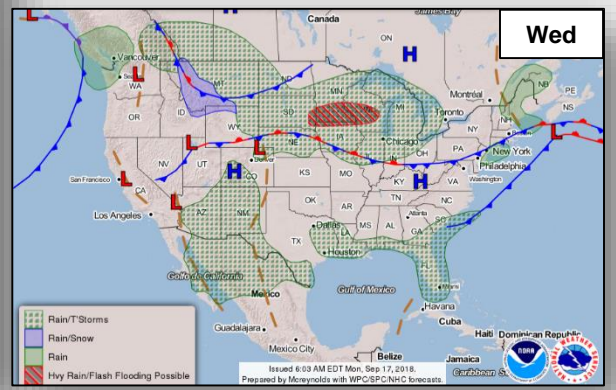
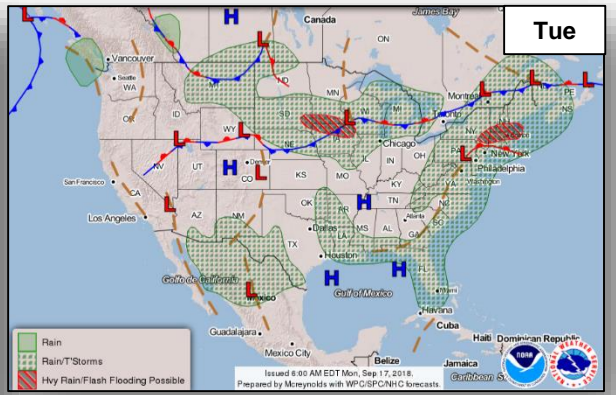
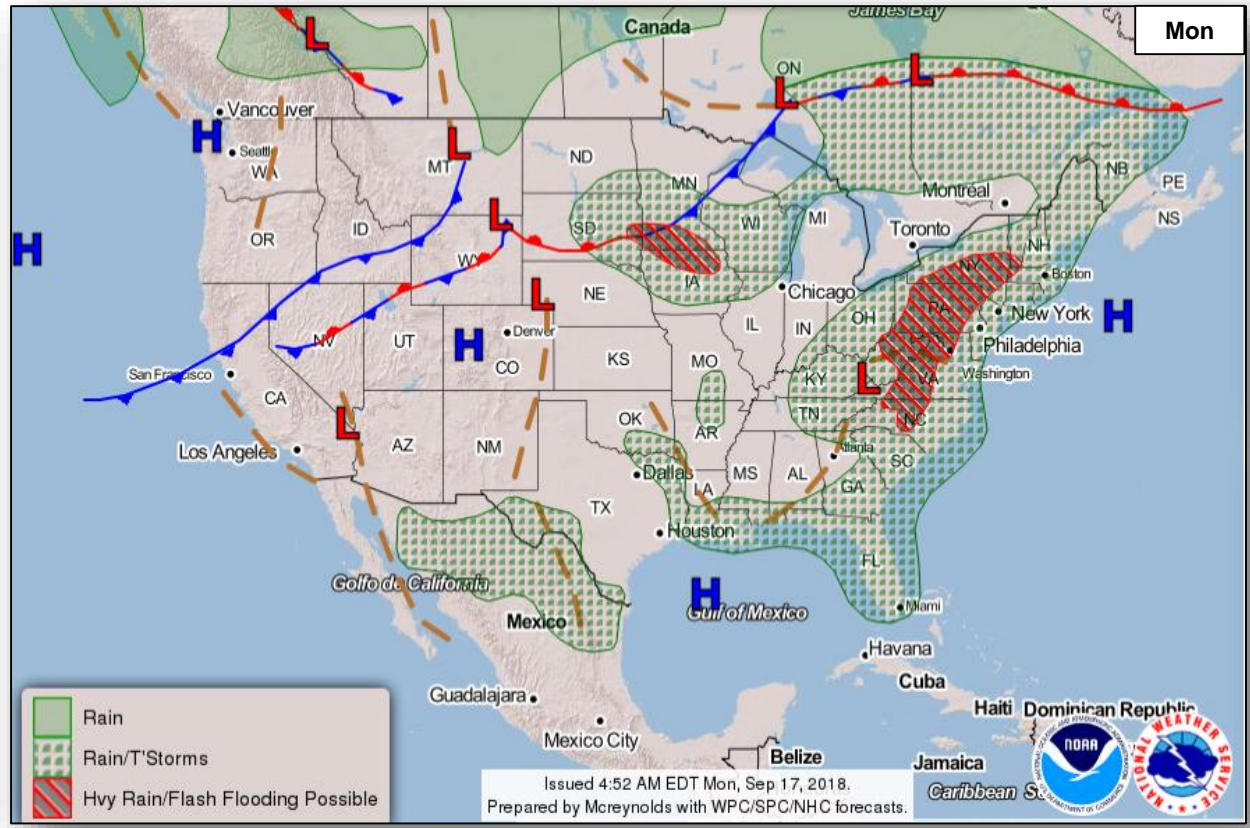


# FEMA



- Southeast NC to northeast SC: **Event accumulations: 30-40"**.
- Far southwest VA to New England: **Additional 1-4"**. **Event accumulations 1-10"**.
- Extratropical cyclone Florence moves off New England coast by Tuesday evening.

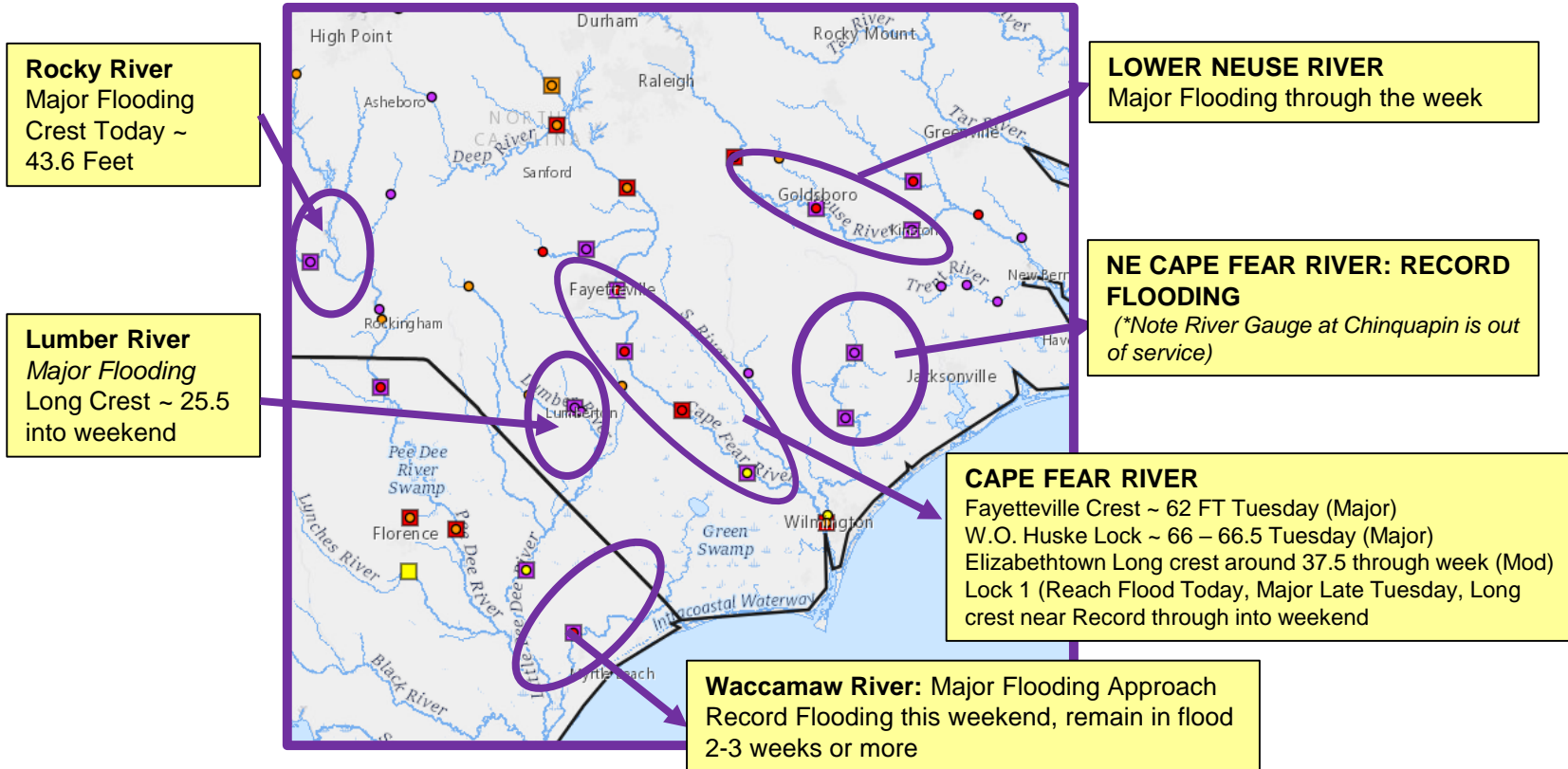
# National Weather Forecast



# River Gauges NC/SC



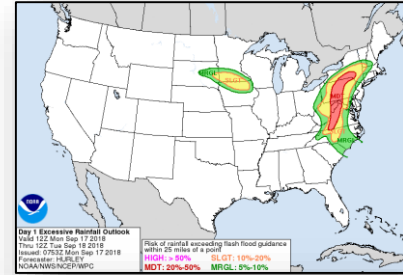
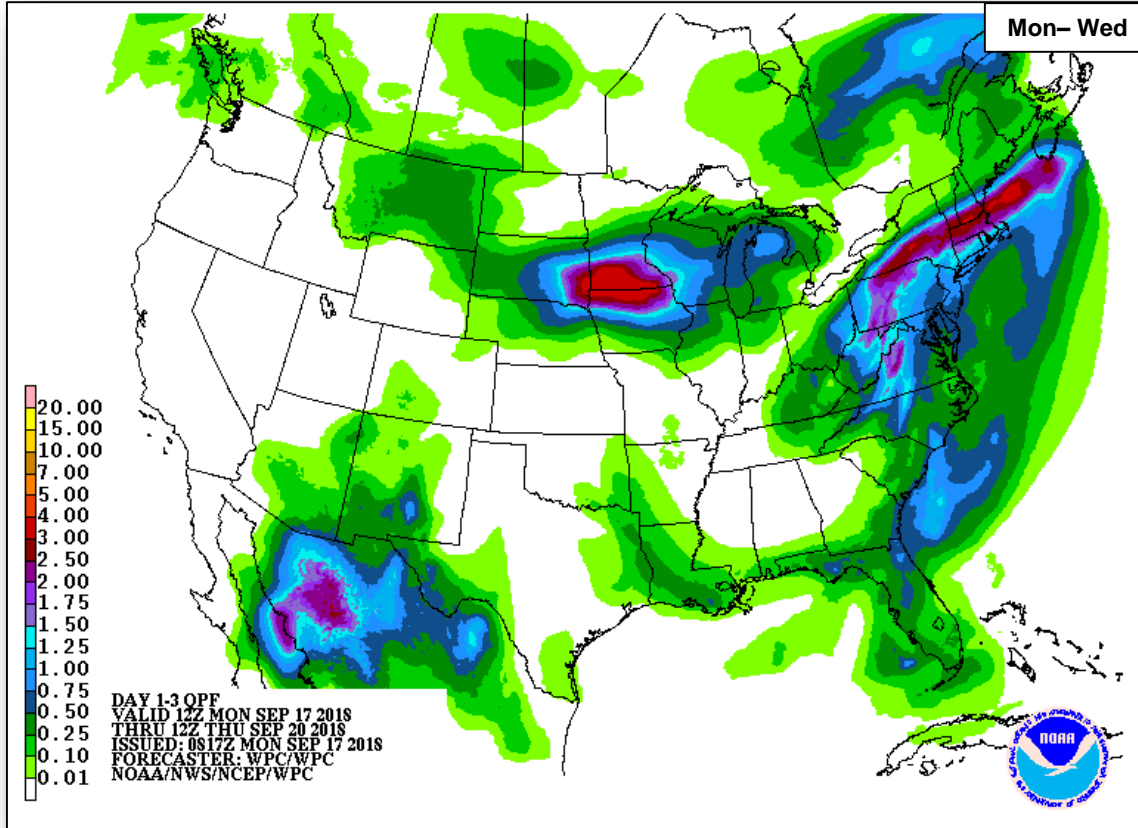
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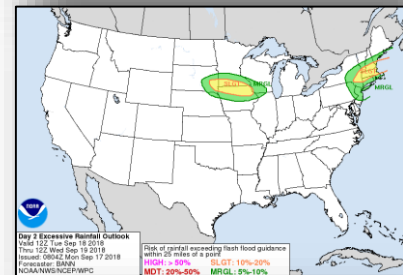
# Precipitation / Excessive Rainfall Forecast



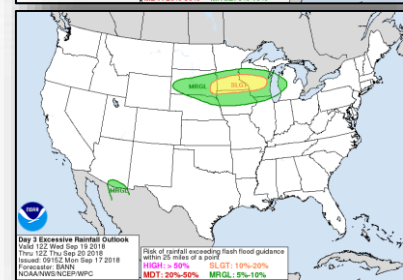
FEMA



Mon



Tue



Wed

# Tropical Storm Florence – Lifeline Analysis



## Safety & Security

- US&R System in coordination w/Local & Federal partners; completed 668 evacuations, 154 rescues, 82 assistances, 1,043 shelter in place checks, and 220 animal evacuations to date
- USCG S&R teams completed 124 rescues and 99 animal rescues
- NC: 8 dams of interest being tracked due to media attention or size, location, and condition; 5 additional dams forecast to reach/exceed record levels; SC: Several dams reached critical levels of concern; state is actively monitoring – No major issues

## Food, Water and Shelter

- Shelters: 154 (-71) open with 15,049 (-7,572) occupants across 3 states (NC, SC, & VA) (ESF-6 as of 8:00 a.m. EDT)
- NC: 25 (-1) counties under mandatory, partial, or voluntary evacuation orders; all evacuations lifted in SC

## Health and Medical

- 12 confirmed fatalities in NC
- 5 confirmed fatalities in SC
- 98 ALS ambulances, 33 BLS ambulances, 3 Type 4 wheelchair buses, and 5 Type 5 wheelchair buses staged at Garner
- HHS pharmaceuticals being relocated; no anticipated interruptions

Energy: Power Outages 527,844 (NC & SC) trending down (positive) (SLB as of 6:00 a.m. EDT)



Communications: Majority of Cell Service operational additional in 2-3 days to bring up additional towers/service

## Transportation

- NC: Approximately 25% of truck-load shipments experiencing delays, primarily caused by flooding, road closures, and traffic congestion
- USCG will position Aids to Navigation Vessels to restore critical navigation aids - weather permitting

## Hazardous Waste

- NC: Multiple wastewater systems reported loss of integrity due to flooding and loss of primary power in 5 counties; road closures may impede access to some sites
- NC: EPA identified 1,995 Community Water Systems: 206 operational, 28 operating with restrictions, 7 non-operational, and 1,754 unknown; 28 active boil water advisories for affected service areas



# Tropical Storm Florence - Response



## FEMA HQ

- NRCC at Level I, 24/7 with all LNOs and ESFs
- National IMAT East-1 deployed to NC EOC
- Composite IMAT deployed to SC EOC
- Interagency VTCs daily at 12:30 p.m. EDT
- MERS assets deployed
- US&R: Red IST deployed to Raleigh, NC
- **Region VIII IMAT redeploying to NC EOC today**
- Region V IMAT deployed to FEMA HQ (DC)
- Region I IMAT deployed to VA

## Region IV

- RRCC at Level I, 24/7
- LNOs deployed to NC & SC
- DCO/DCE deployed to NC & SC
- IMAT 1 deployed to NC; IMAT 2 deployed to SC

## North Carolina (FEMA-4393-DR-NC & 3401-EM-NC)

- EOC at Full Activation; State of Emergency declared
- US&R: Red IST, 5 – Type 1; 4 – Type 3; **16 – MRP Water Teams**

## South Carolina (FEMA-4394-DR-SC & FEMA-3400-EM-SC)

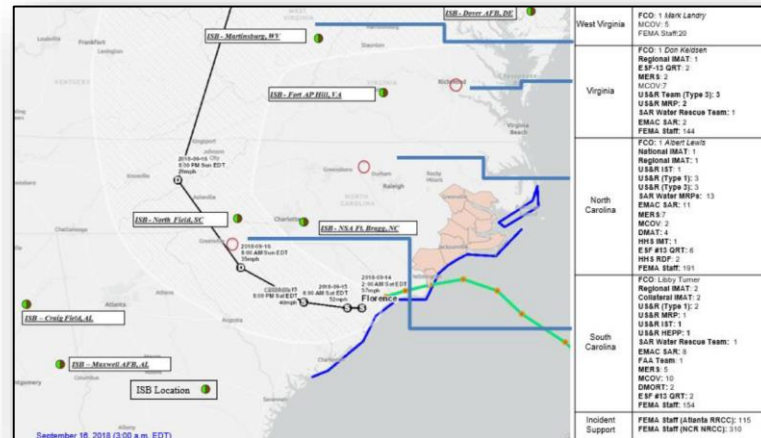
- EOC at Full Activation; State of Emergency declared
- US&R: 2 – Type 1; 1 MRP Water Team; 1 HEPP

Tennessee: EOC at Monitoring (EMAC support)

Kentucky: EOC at Monitoring (EMAC support)

## Region III

- RRCC at Level II (day shift); RWC at Enhanced Watch (night shift)
- LNO deployed to WV EOC
- 2 IMATs (Type III) deployed to VA
- Virginia (FEMA-3403-EM-VA): EOC at Full Activation; state of emergency declared
- **US&R: 2-Type 3; 3 MRP Water Teams**
- Maryland EOC at Monitoring; National Guard activated
- West Virginia EOC at Monitoring, State of Preparedness declared
- Delaware EOC at Monitoring
- **Pennsylvania EOC at Enhanced Watch**



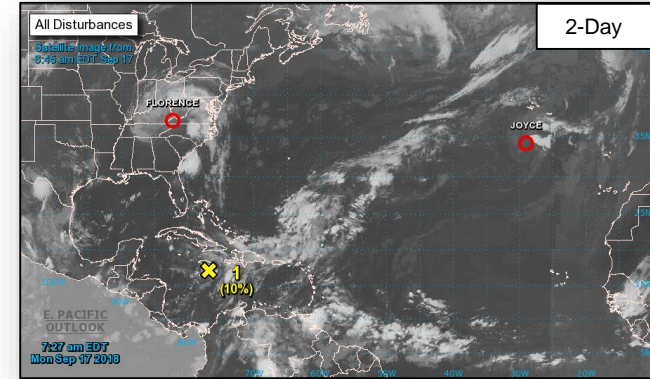
# Tropical Outlook – Atlantic



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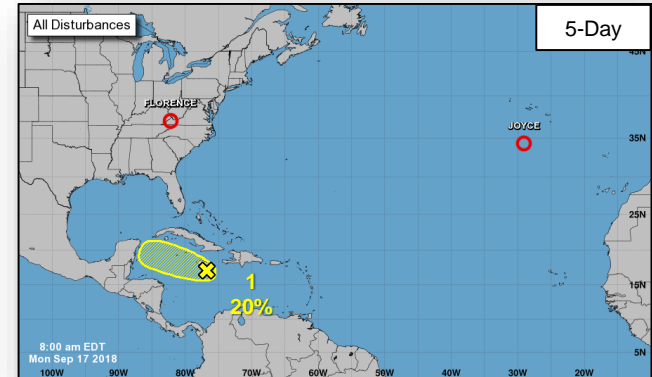
## Tropical Depression Joyce (Advisory #19 as of 5:00 a.m. EDT)

- 285 miles SSW of the Azores
- Moving E at 17 mph
- Maximum sustained winds 35 mph
- Expected to become remnant low within next couple days
- No coastal watches or warnings in effect



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

- Broad area of low pressure associated with remnants of Isaac is located just south of Jamaica
- Moving W to WNW across northwestern Caribbean Sea
- Any development should be slow to occur during next day or so
- By Wednesday, conditions are forecast to become less conducive for re-development to occur
- Formation chance through 48 hours: Low (10%)
- Formation chance through 5 days: Low (10%)

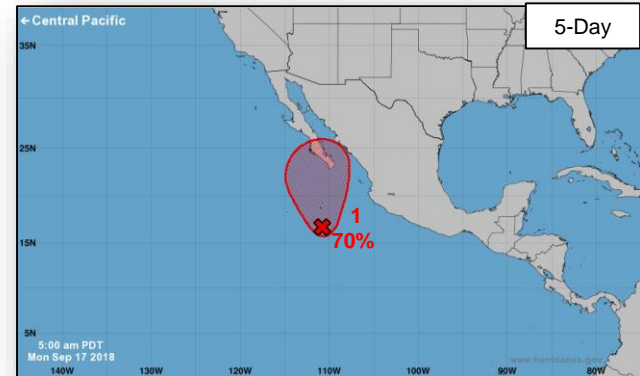
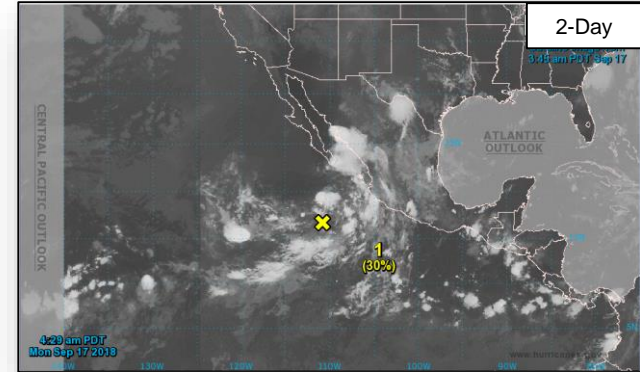


# Tropical Outlook – Eastern Pacific

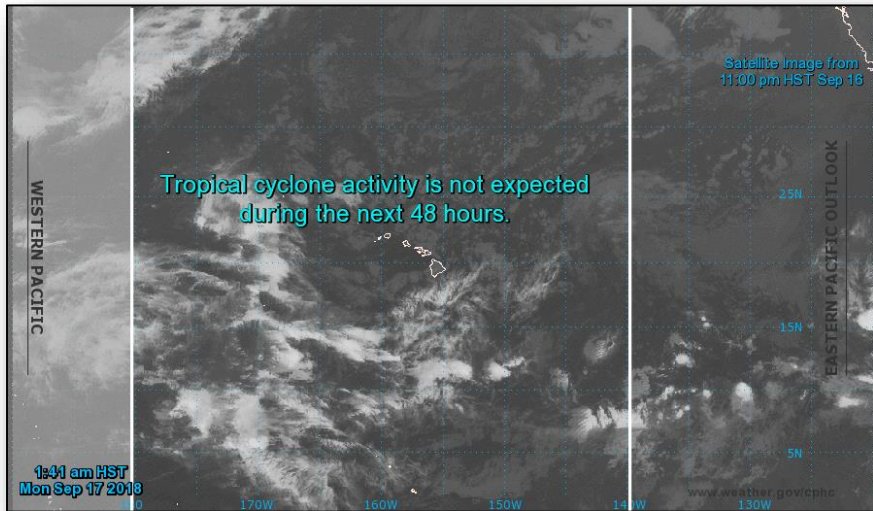


## Disturbance 1 (as of 8:00 a.m. EDT)

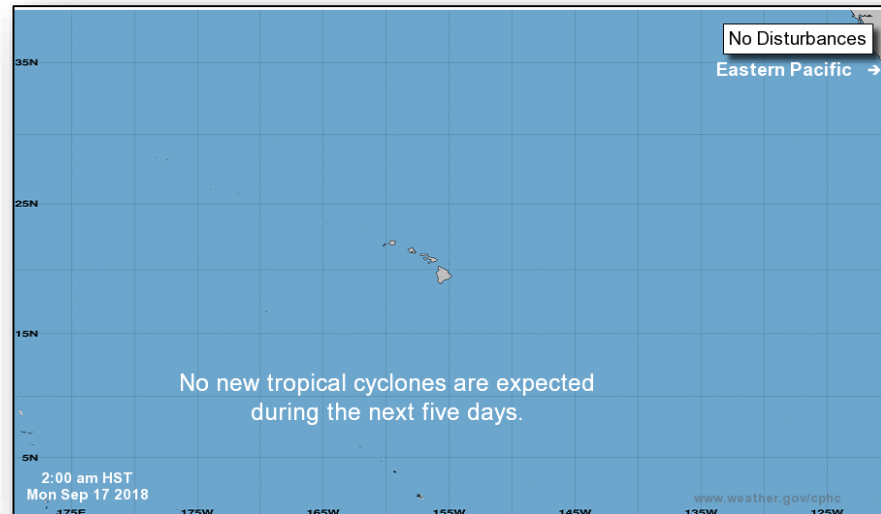
- Located a few hundred miles S of the southern tip of Baja California Peninsula, Mexico
- Moving N at 10 mph
- Although conditions appear conducive for tropical cyclone formation, the large size of the system suggests that any development should be slow to occur
- Likely to become a tropical depression later this week
- Formation chance through 48 hours: Low (30%)
- Formation chance through 5 days: High (70%)



# Tropical Outlook – Central Pacific



**48 Hour Outlook**

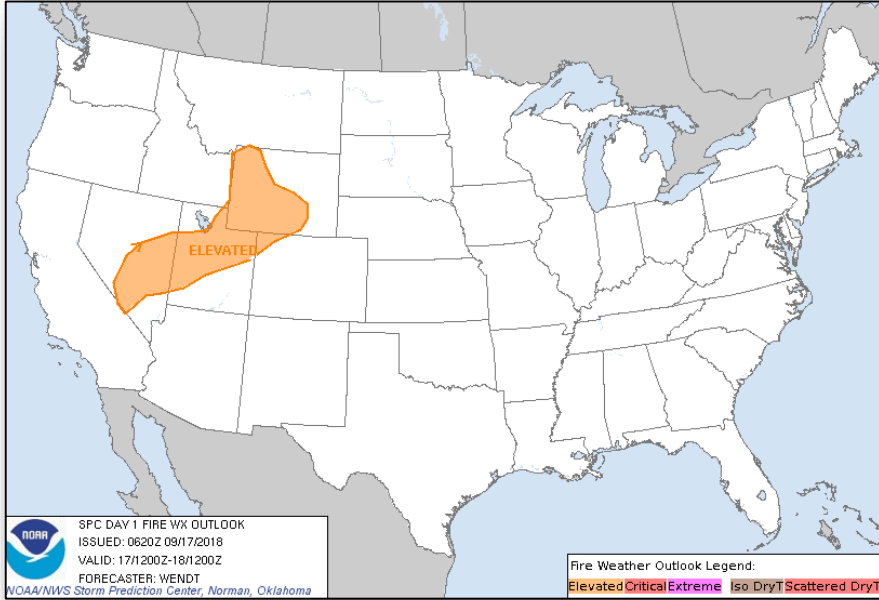


**5 Day Outlook**

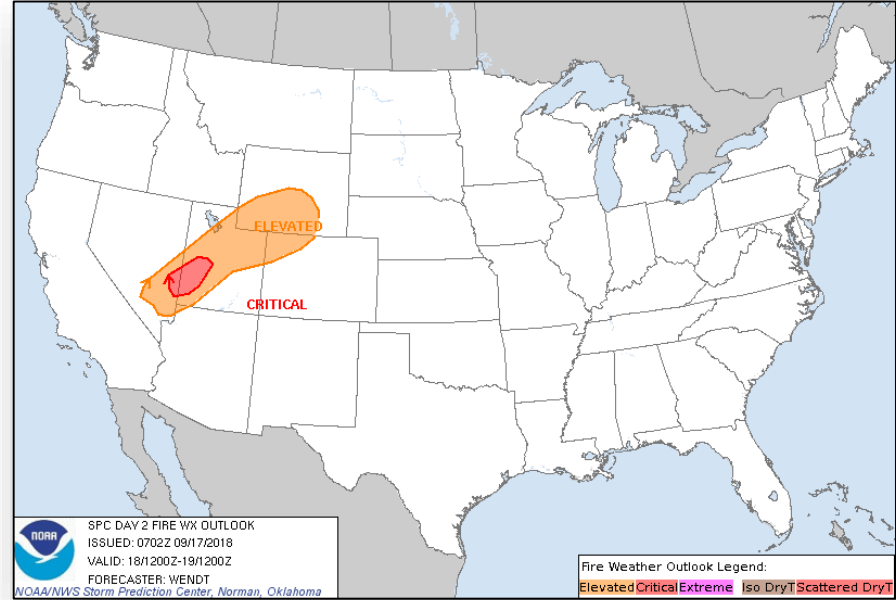
# Fire Weather Outlook



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**Monday**

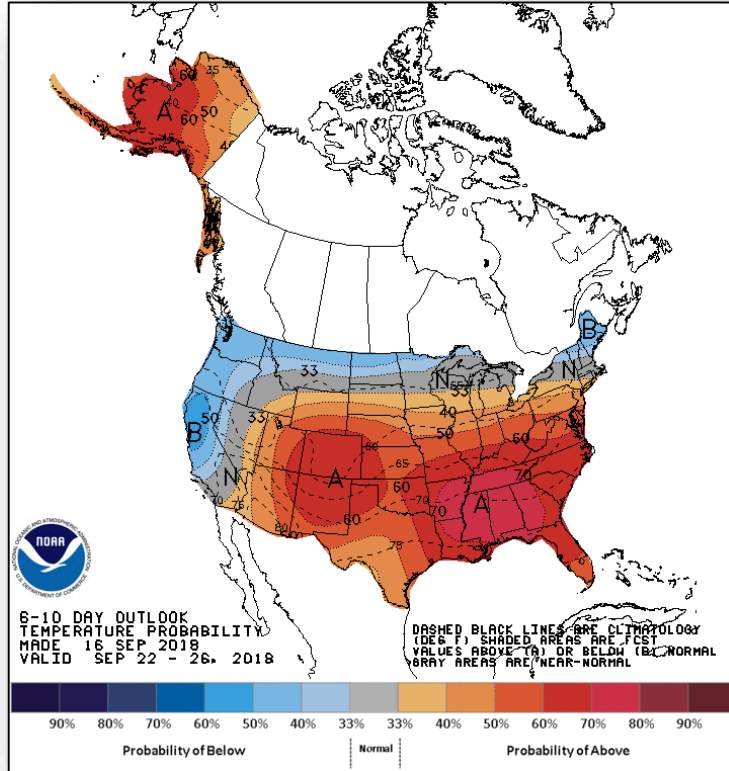


**Tuesday**

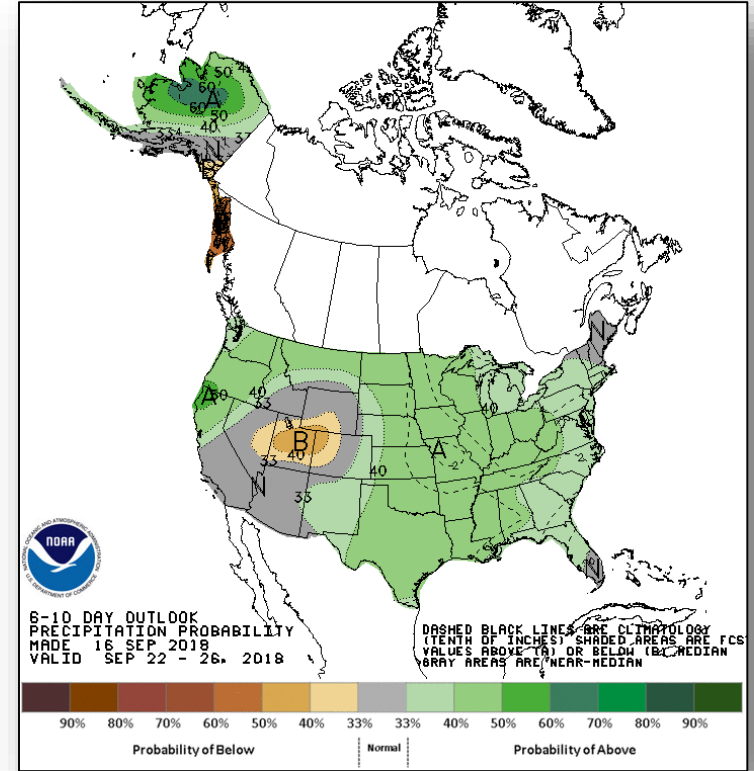
# Long Range Outlooks – Sept 21 - 25



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**6 - 10 Day Temperature Probability**



**6 - 10 Day Precipitation Probability**

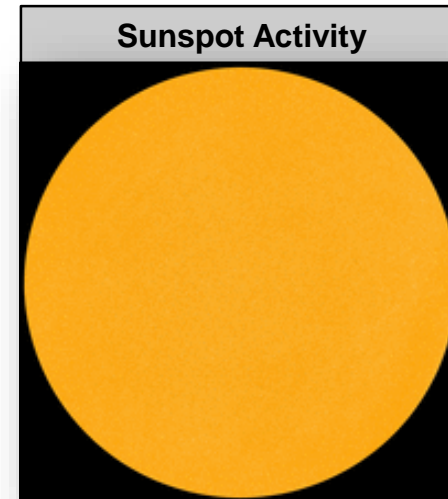
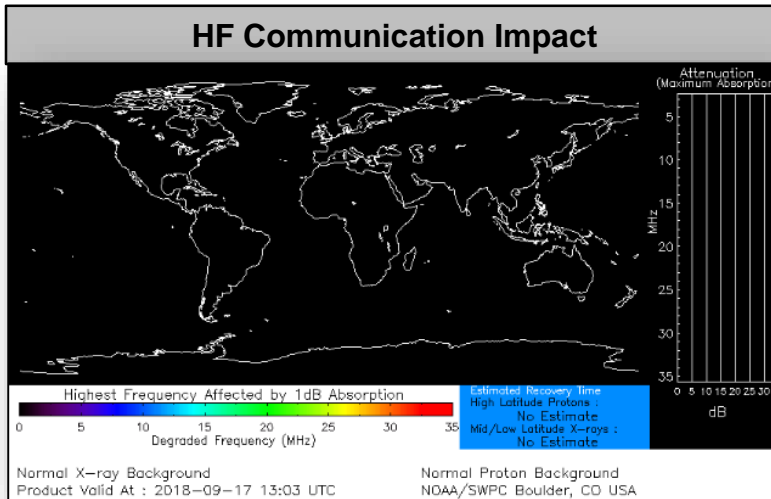
# Space Weather



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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: <http://www.swpc.noaa.gov/noaa-scales-explanation>



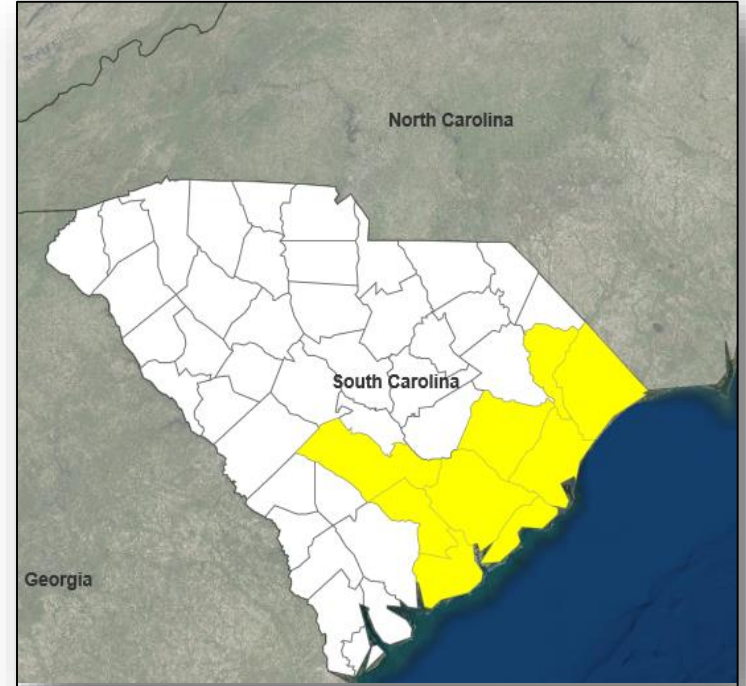
# Declaration Approved



FEMA

## **FEMA-4394-DR-SC**

- Major Disaster Declaration was approved on September 16, 2018 for the State of South Carolina
- For Hurricane Florence beginning September 8, 2018 and continuing
- Provides:
  - Emergency protective measures (Category B), including direct federal assistance, under the Public Assistance program for 8 counties
  - Hazard Mitigation for all counties and Indian Tribes in the State of South Carolina
- FCO is Elizabeth Turner



■ PA



# Disaster Requests & Declarations



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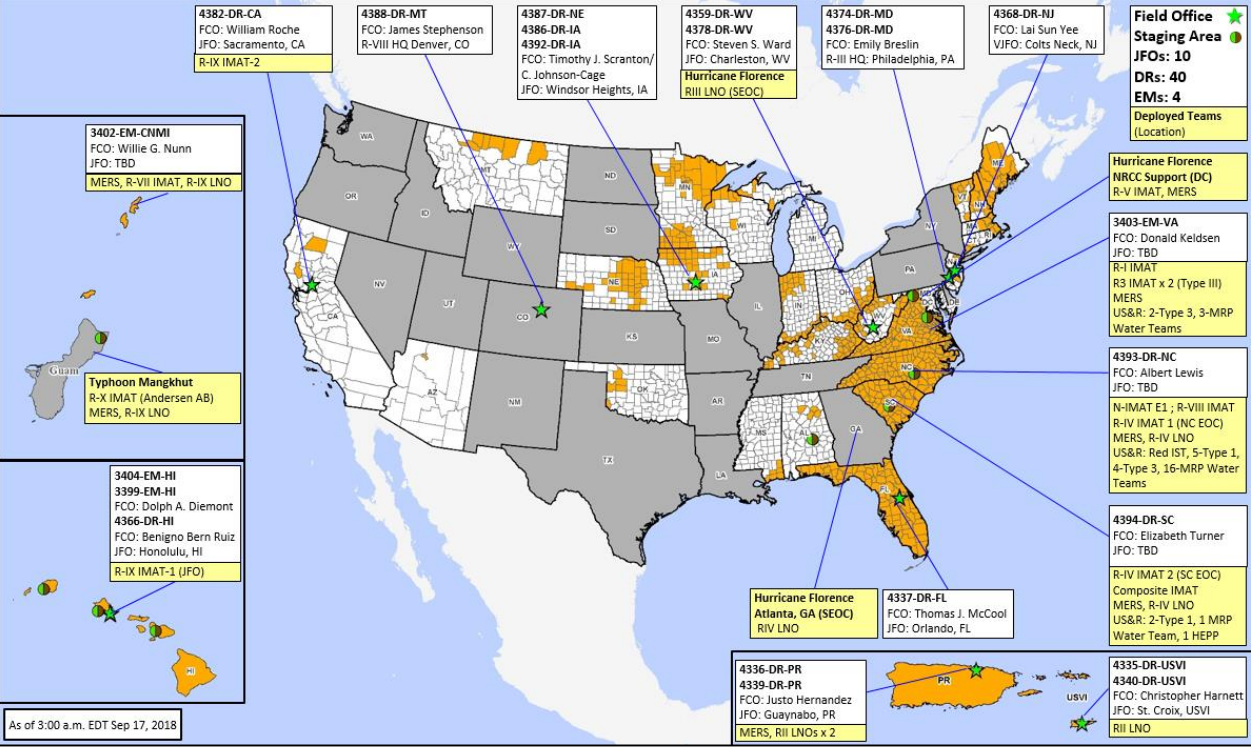
Declaration Requests in Process					Requests APPROVED (since last report)	Requests DENIED (since last report)
7	IA	PA	HM	Date Requested	1	0
LA – DR Flooding		X	X	June 29, 2018		
Cheyenne River Sioux Tribe – DR Severe Storm and Straight-line Winds	X	X	X	August 17, 2018		
Oglala Sioux Tribe – DR Severe 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		
NY – DR Severe Storms and Tornadoes		X	X	September 9, 2018		
SC – DR (Expedited) Hurricane Florence		X	X	September 14, 2018	Declared September 16, 2018	

# Readiness – Deployable Teams and Assets



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Resource	Force Strength	Available	Deployed	Other	Cadres with 25% or Less Availability
<b>IM Workforce</b>	11,853 ▲	2,071 ▲ 18%	6,406 ▲	3,376	DSA 11% (94/836); EHP 14% (56/389); ER 5% (2/43); FL 23% (36/157); FM 21% (55/266); HR 4% (10/235); IA 19% (525/2,804); IT 2% (14/629); LOG 6% (71/1,165); OPS 9% (23/260); PA 11% (195/1,818); PLAN 8% (27/340); SAF 11% (6/53); SEC 13% (14/108)
<b>National IMATs*</b> (1-2 Teams)	East 1: Composite: West:	Deployed Deployed B-2			
<b>Regional IMATs</b> ( $< 3$ Teams)	Assigned: Available: PMC / NMC: Deployed:	13 2 2 (+1) 9 (-1)			
<b>National ISBs</b> (0 Teams)	Team A Team B Team C	Deployed Deployed Deployed			
<b>US&amp;R</b> ( $\geq 33\%$ )	Assigned: Available: PMC / NMC: Deployed:	28 2 2 24			
<b>MERS</b> (33-65%)	Assigned: Available: PMC / NMC: Deployed:	36 19 0 17			
<b>FCO</b> ( $\leq 1$ Type I)	Assigned: Available: PMC / NMC: Deployed:	33 13 (+1) 2 18 (-1)			
<b>FDRC</b> ( $\geq 3$ )	Assigned: Available: PMC / NMC: Deployed:	14 3 3 8			



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

# FEMA Readiness – Activation Teams



Status		Activated Team	Activation Level	Activation Times	Reason / Comments
<b>NWC</b>	Steady State				
<b>NRCC</b>	Activated	Blue	Level I	24/7	Tropical Activity – Atlantic
<b>HLT</b>	Activated				
<b>RWC / MOCs</b> (10 Regions)	Activated	Region III	Enhanced Watch	Night shift	Hurricane Florence
<b>RRCCs</b> (10 Regions)	Activated	Region III Region IV	Level II Level I	Day shift 24/7	Hurricane Florence Hurricane Florence



# FEMA

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