

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, October 7, 2015**

**8:30 a.m. EDT**

# Flooding – Southeast



## **Situation:**

- Most rivers, streams & creeks have crested in central SC
- Rivers are rising in eastern SC with crests expected later this week

## **Impacts:**

- Numerous local/state roads, a portion of I-95 & bridges remain closed
- 13 (+2) confirmed fatalities in SC (7 drowning/6 (+2) traffic related)
- 12 dams breached/overtopped in SC
- State officials continue to monitor the Beaver Creek Dam
- Up to 9,000 people potentially impacted by possible breaches
- Flooding along the Black River caused evacuations in Kingstree, SC; affecting 900 residents
- A Boil Water Advisory remains in effect for Columbia
- Hospitals in SC have met water needs through public/private mechanisms
- VA hospital in Columbia, SC has no unmet needs
- Local evacuations/rescues continue in SC
- Shelters: 25 (+1) open with 654 (-184) occupants (Region IV of 4:00 a.m. EDT) Oct 7)

# Flooding – Southeast

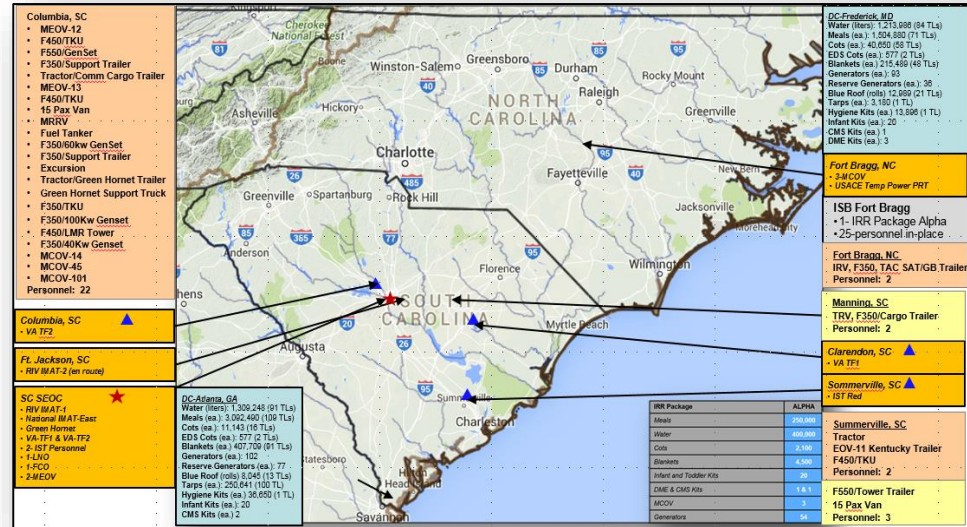


## FEMA Region IV:

- RRCC Level II – Partially Activated (day shift) with ESFs 2,3,4,6, 9 & 10
- RWC at Enhanced Watch (night shift)
- IMAT-1 & LNO deployed to SC EOC
- IMAT-2 deployed to Mobilization Center at Fort Jackson, SC
- DR-4241 approved Oct 5; EM-3373 approved Oct 3
- SC EOC is Fully Activated; State of Emergency remains in effect
- PDAs to begin today
- DSA teams/staff for 6 DRCs 30 DRC kits & 15 accessibility kits being deployed to SC

## FEMA HQ:

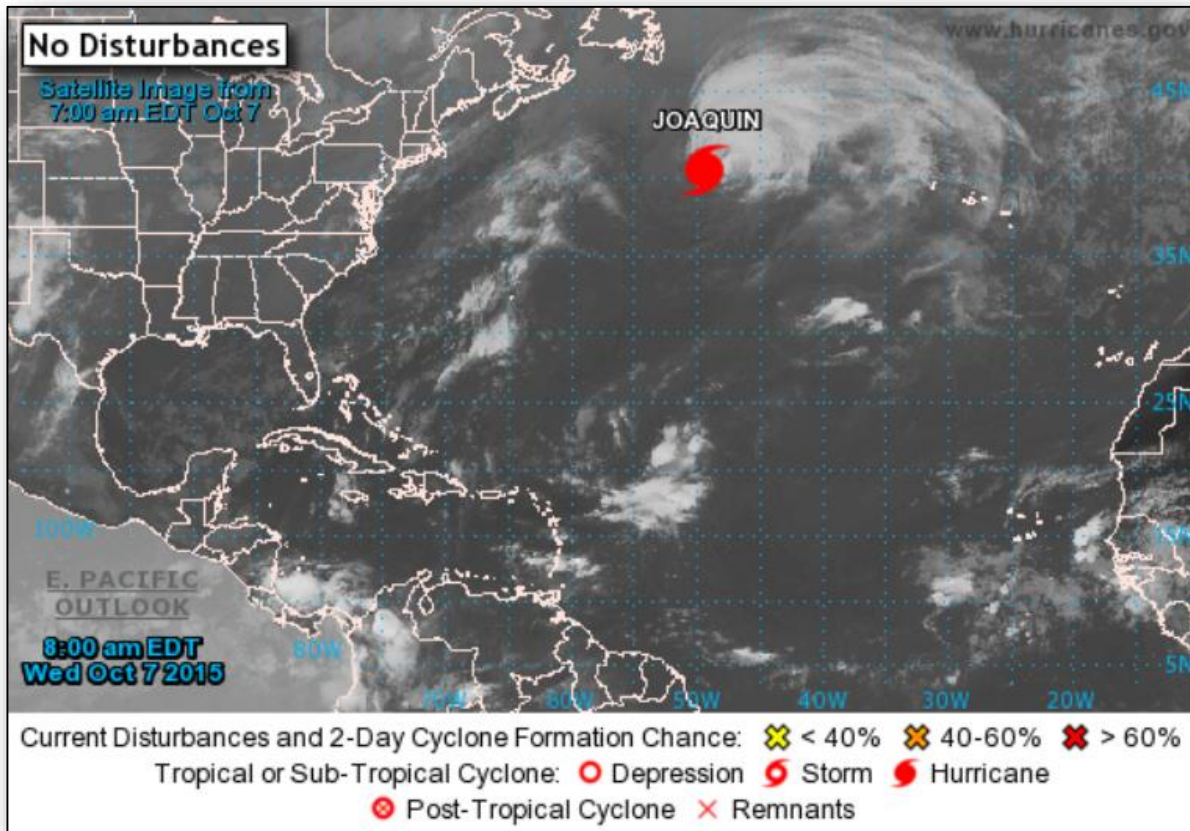
- NRCC not activated (on Advisory);
- NWC at Enhanced Watch, 24/7
- National IMAT East-1 deployed to SC EOC
- 10 MCOVs deployed to SC
- FSA established at Fort Bragg, NC
- US&R IST Red, VA-TF1 & VA-TF2 deployed to SC



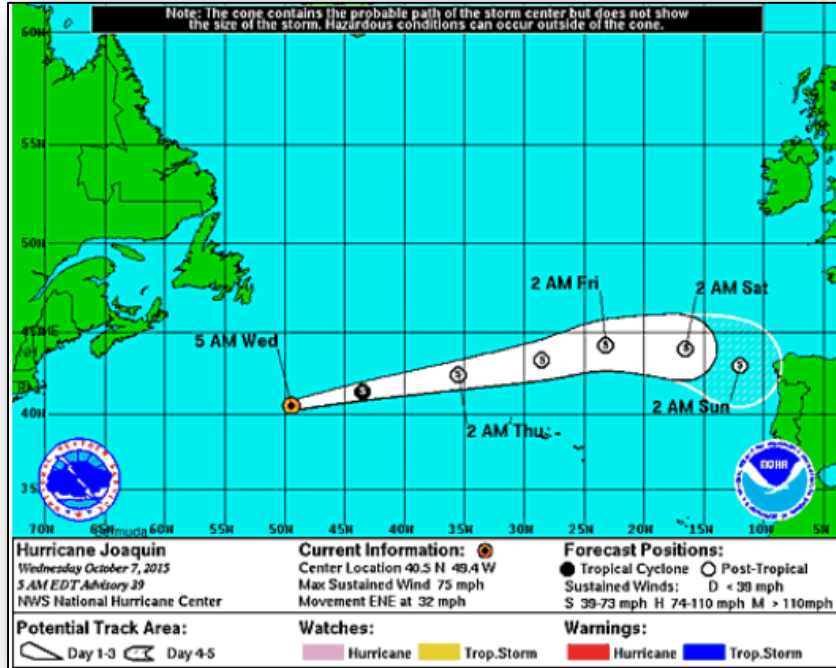
# 2 Day Tropical Outlook – Atlantic



FEMA



# Atlantic – Hurricane Joaquin

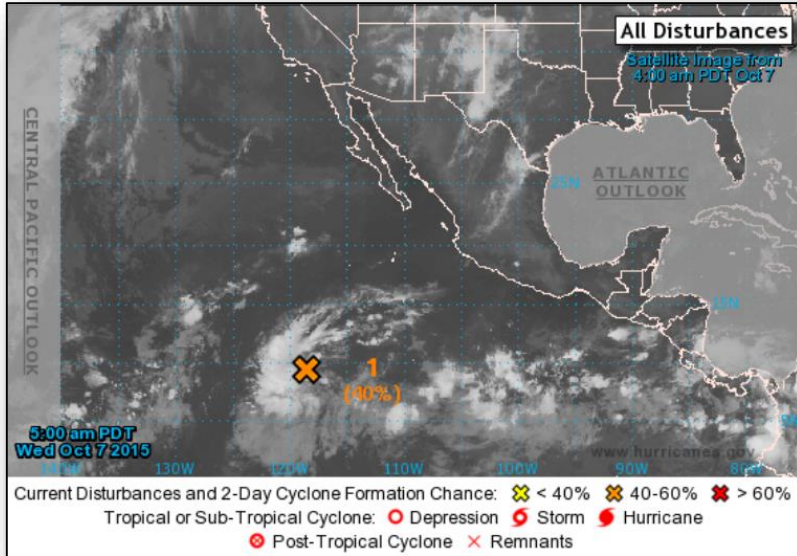


## Hurricane Joaquin (Advisory #39 as of 5:00 a.m. EDT)

- Located 465 miles SSW of Cape Race, Newfoundland
- Moving ENE at 32 mph; motion will continue through Friday
- Maximum sustained winds 75 mph (Category 1)
- Weakening forecast next 48 hours
- May lose tropical characteristics by tomorrow
- Hurricane force winds extend 60 miles
- Tropical storm-force winds extend 275 miles
- No coastal watches or warnings in effect



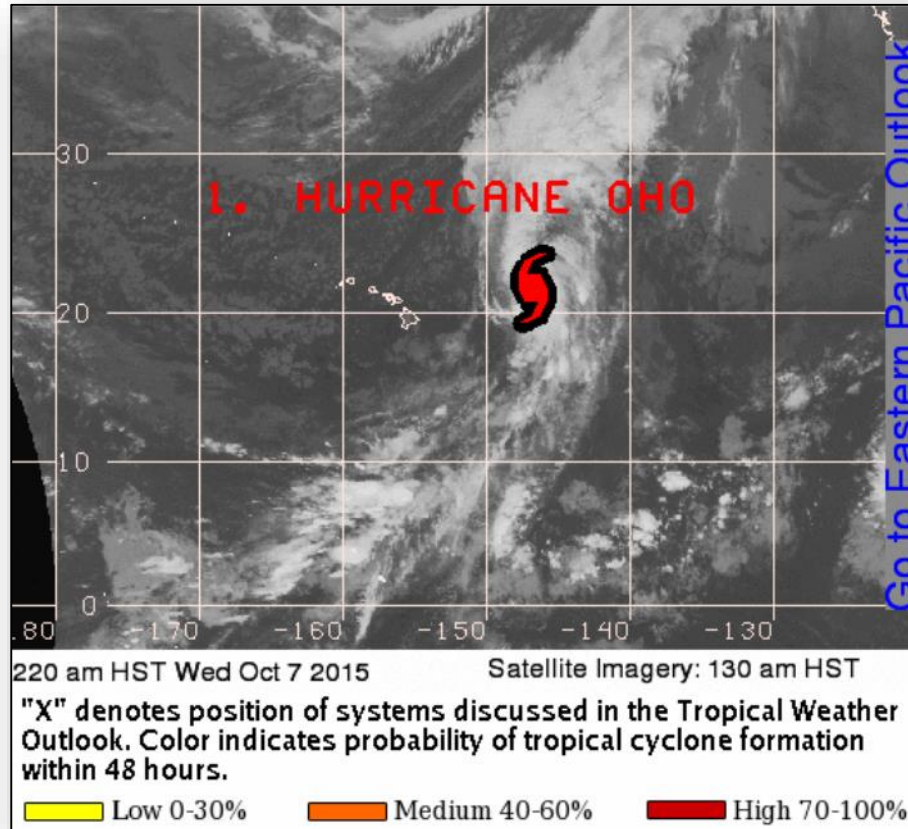
# 2 Day Tropical Outlook – Eastern Pacific



## Disturbance #1 (As of 5:00 a.m. EDT)

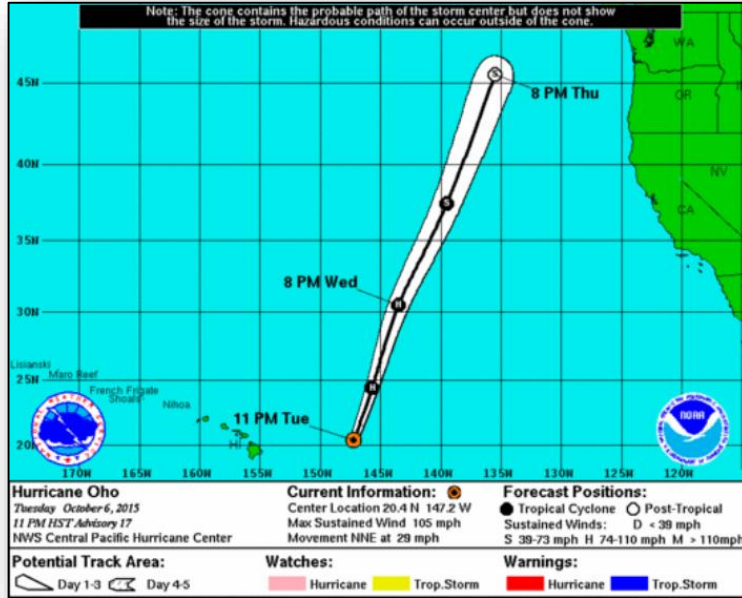
- Showers/thunderstorms, located 1,200 miles SSW of the southern tip of Baja California, Mexico
- Moving WNW at 15 mph
- Expected to be conducive for gradual development
- Tropical Depression likely to form by the weekend
- Formation chance through 48 hours: Medium (40%)
- Formation chance through 5 days: High (70%)

# 2 Day Tropical Outlook – Central Pacific





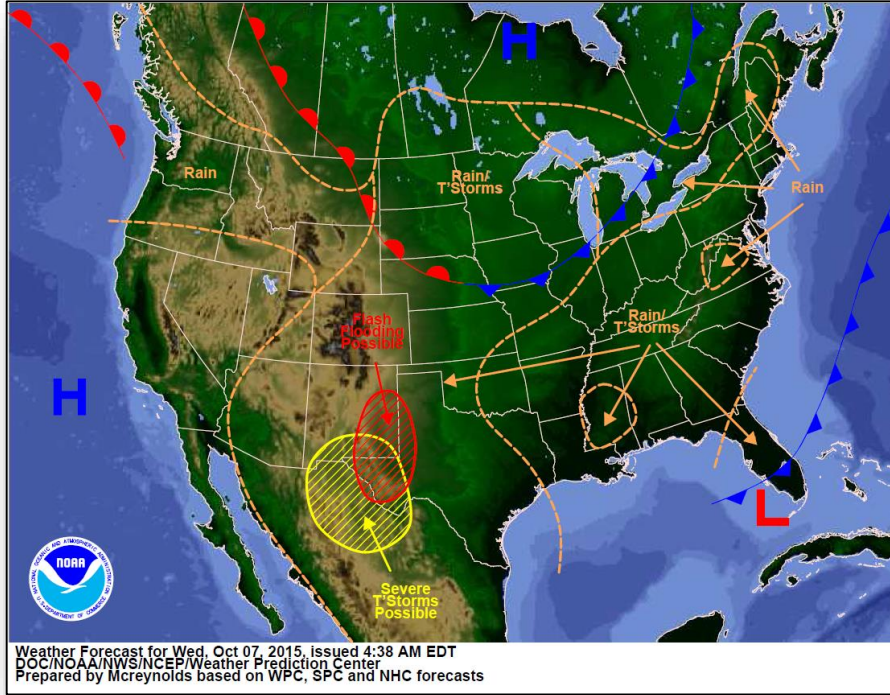
# Central Pacific – Hurricane Oho



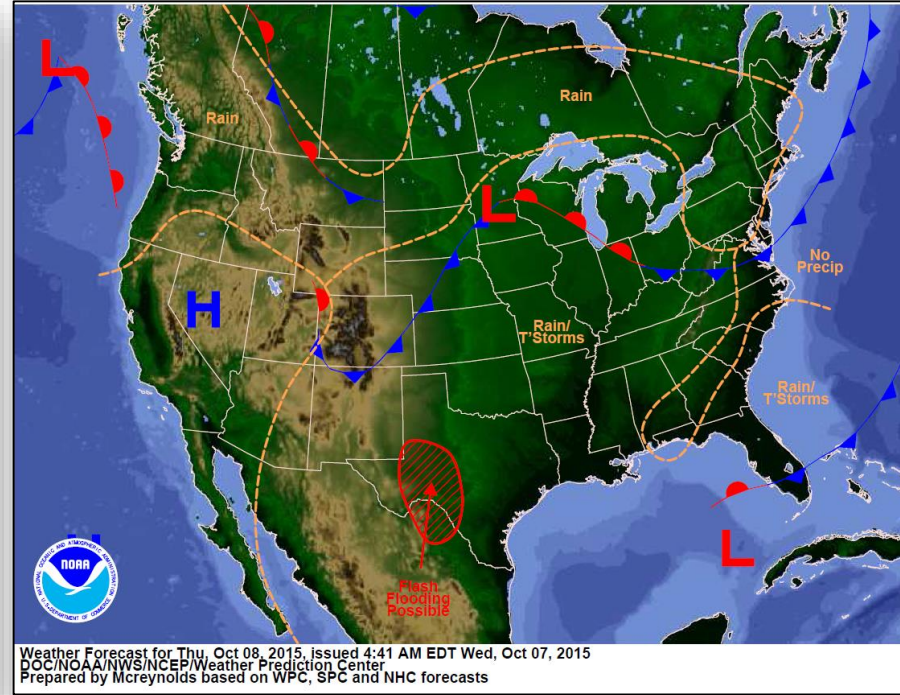
## Hurricane Oho (CAT 2) Advisory #17 (as of 5:00 a.m. EDT, Oct 7)

- Located 515 miles ESE of Hilo, Hawaii
- Moving NNE at 29 mph
- Maximum sustained winds 105 mph
- Forecast to continue movement NE w/ increasing forward speed
- Gradual weakening forecast
- Hurricane force winds extend 35 miles
- Tropical storm force winds extend 175 miles
- No coastal watches or warnings in effect

# National Weather Forecast

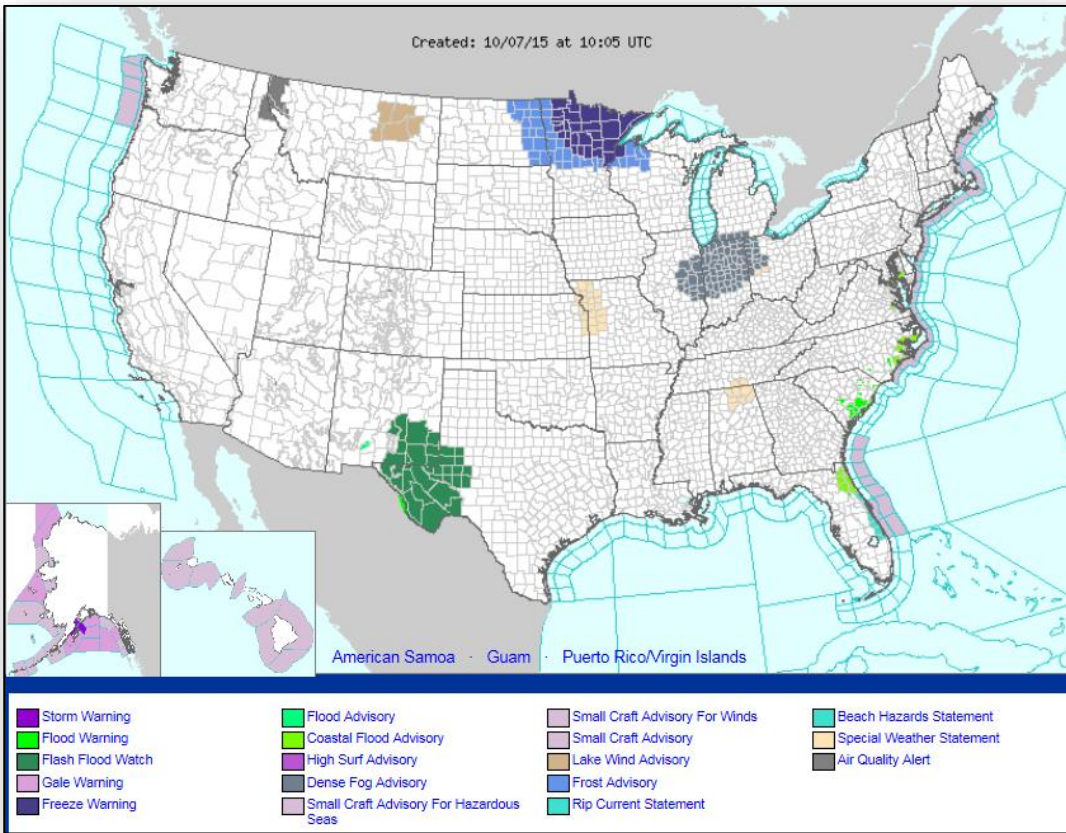


*Today*



*Tomorrow*

# Active Watches/Warnings

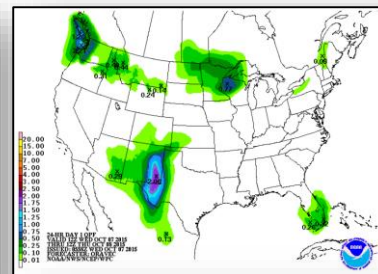
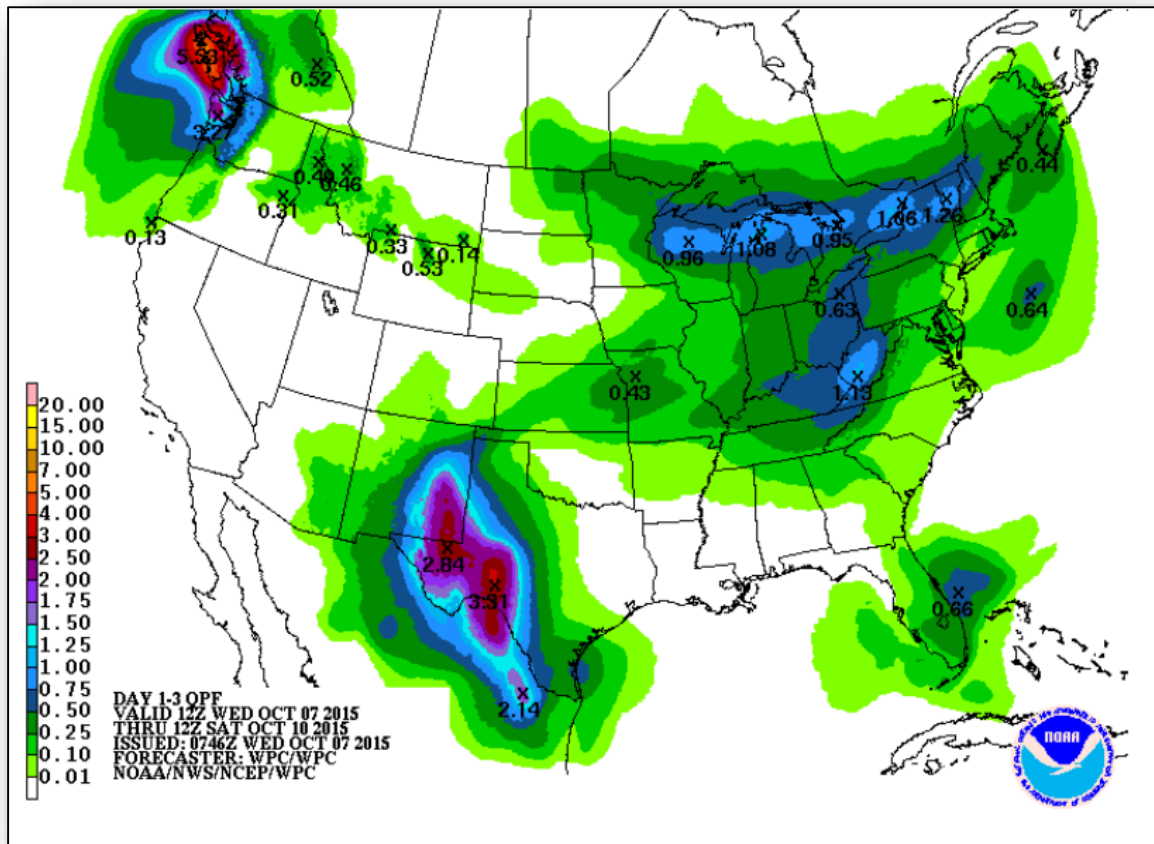




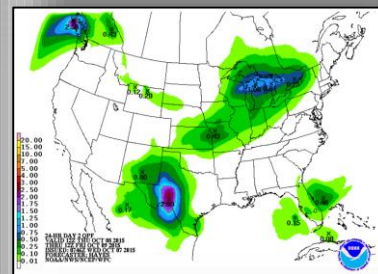
# Precipitation Forecast, 1-3 Day



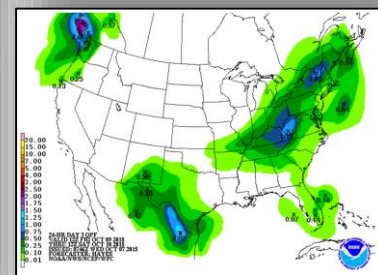
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Day 1

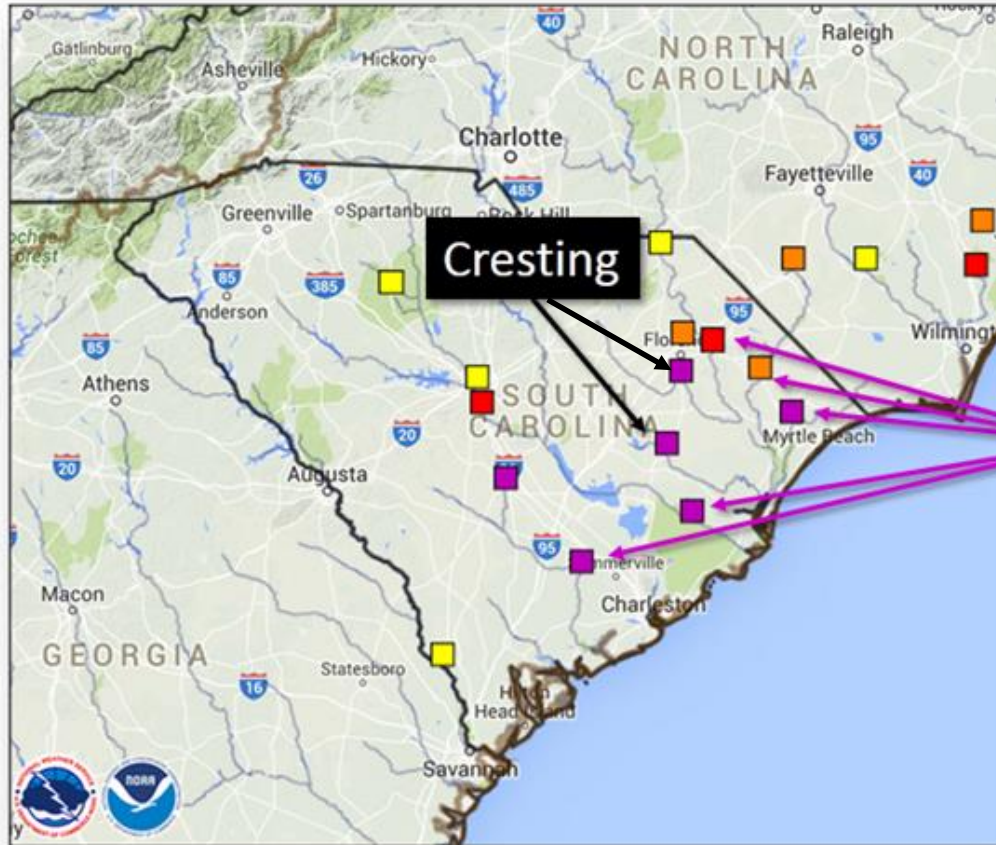


Day 2



Day 3

# River Forecasts – South Carolina



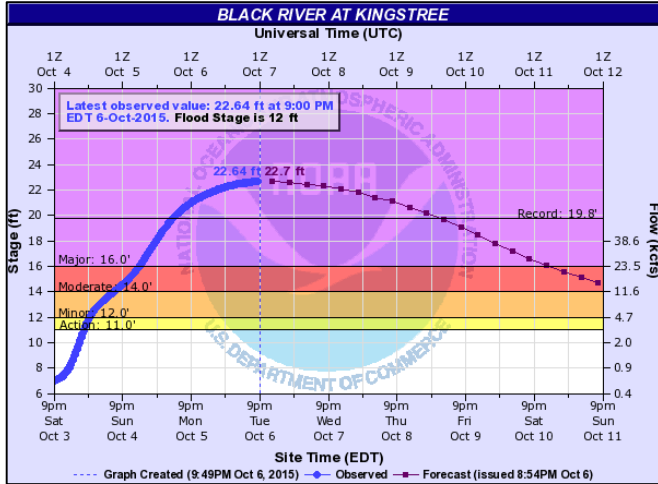
## River Flood Forecast

- Near Flood Stage
- Minor Flooding
- Moderate Flooding
- Major Flooding

**Continue to Rise  
Flooding Well Into  
Next Week or Later**

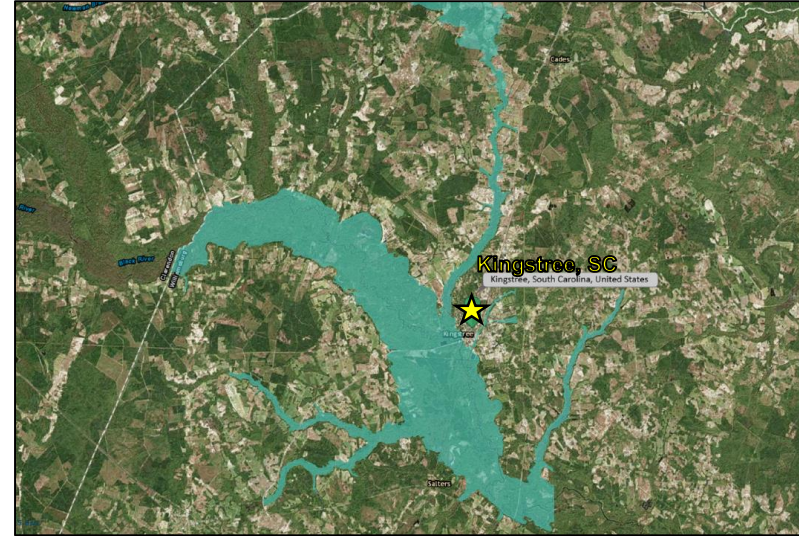
\*Most river locations across central SC have crested, but significant flooding will persist for several more days.

# Black River at Kingstree, SC



## Flood Impacts:

19.7 ft: Flood waters will flow into some homes, extensive flooding will occur along the remainder of the river. Flood waters will affect residential streets in Kingstree and some evacuations may be necessary. Overflow from a canal on East Main Street near the railroad crossing may damage some stores in the area. Highway 52 and 261 closed.



**100 Year Flood Plain (50 Square Miles)**  
Generally correlates to Major Flood Stage

## Data Extracted from Flood Plain Only

74 miles north of Charleston, SC

Population: 1,540

Housing Units: 712

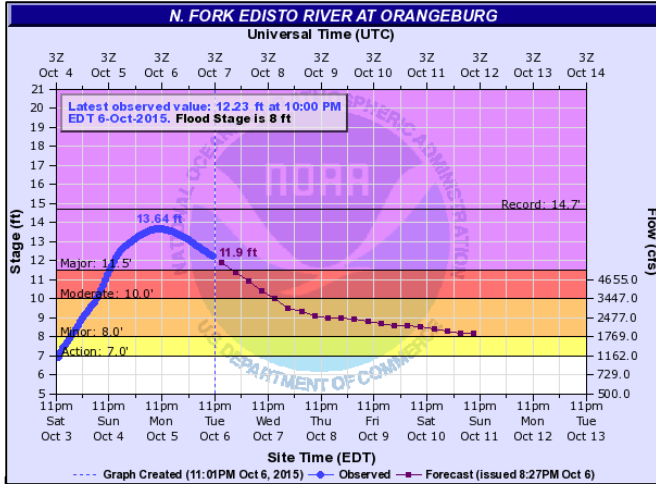
Current Record Flood Level: 22.6

Previous Historic Crests at Kingstree, SC

19.8ft (1979), 18ft (1928), 16.1 (1945)

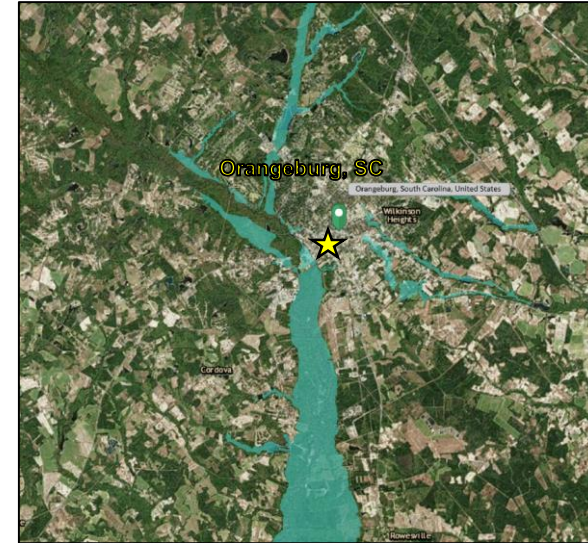


# N. Fork Edisto River at Orangeburg, SC



## Flood Impacts:

**19.7':** The dike along the river in the city of Orangeburg will be topped. Extensive areas of the city including US Highway 301 and the Edisto Memorial Gardens will be flooded. Secondary roads near Orangeburg become flooded at stages above 12 ft. Extensive farmland and lowlands downstream from Orangeburg will be flooded.



**100 Year Flood Plain (42 Square Miles)**  
Generally correlates to Major Flood Stage

## Data Extracted from Flood Plain Only

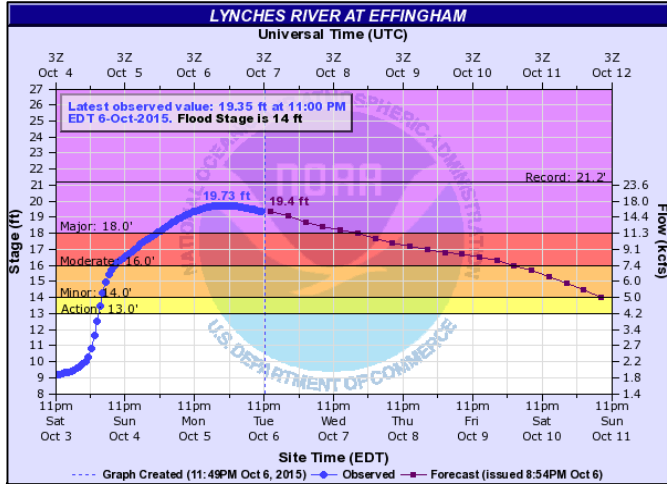
42 miles south of Columbia, SC

Population: 2,132

Housing Units: 1,072

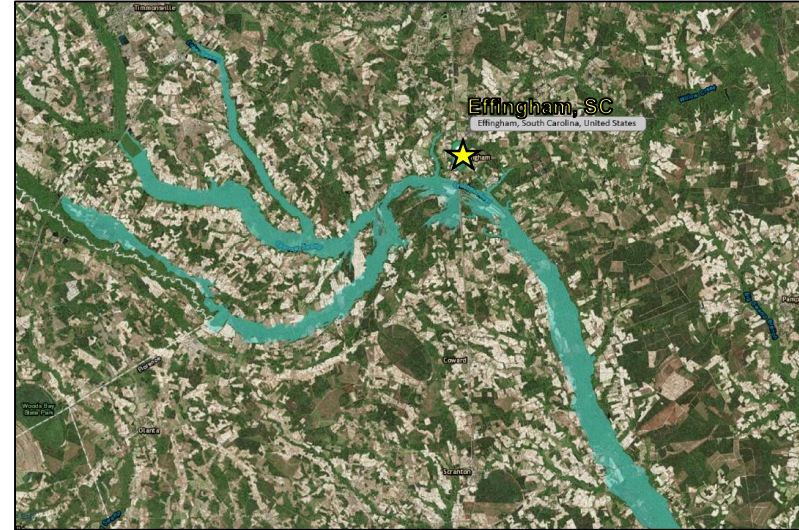
Historic Crests at Orangeburg, SC  
14.7ft (1928), 14.3ft (1945), 11.6ft (1971)

# Lynches River at Effingham, SC



## Flood Impacts:

**16.5':** Water will enter some homes along Roundtree Road and several homes will be isolated along North Old Georgetown, Roundtree, and Bengause Roads near Effingham and New Hope. Flood waters will affect some residential areas up stream near the Sumter County line.



**100 Year Flood Plain (38 Square Miles)**  
Generally correlates to Major Flood Stage

## Data Extracted from Flood Plain Only

89 miles east of Columbia, SC

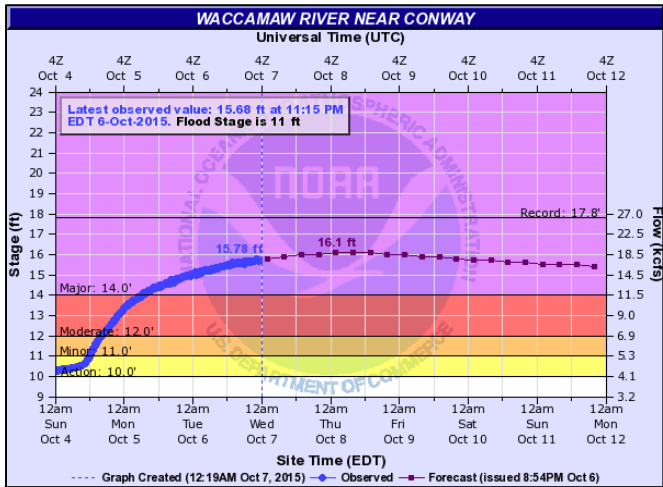
Population: 833

Housing Units: 378

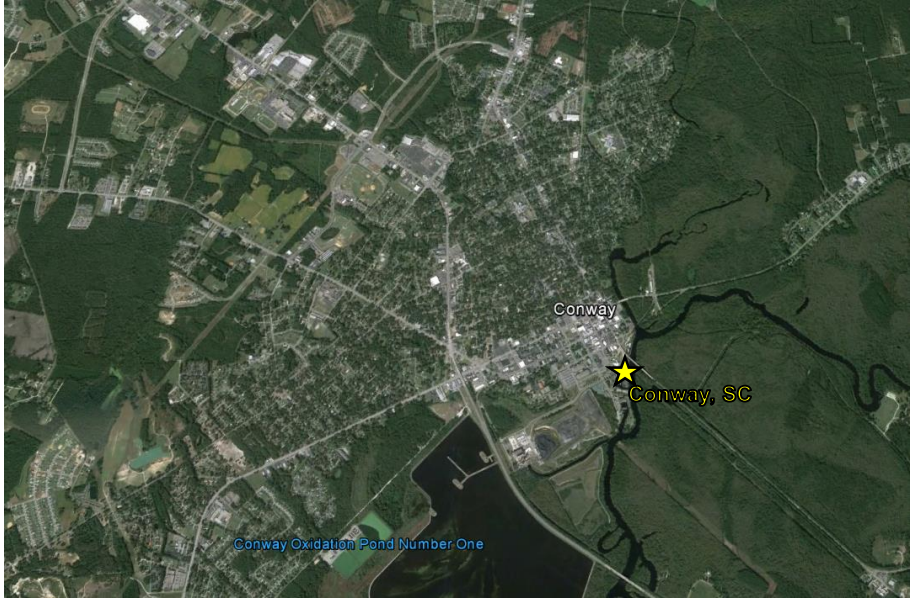
Historic Crests at Effingham, SC

21.2ft (1945), 20ft (1908), 19.4ft (1928)

# Waccamaw River near Conway, SC



**Flood Impacts:**  
 15 ft: Flooding will occur in the Savannah Bluff area, Lees Landing, Pitch Landing, and Riverfront South communities. Flooding also occurs in the basement of the government building at 4th Avenue and Kingston. The Conway Marina will be flooded.

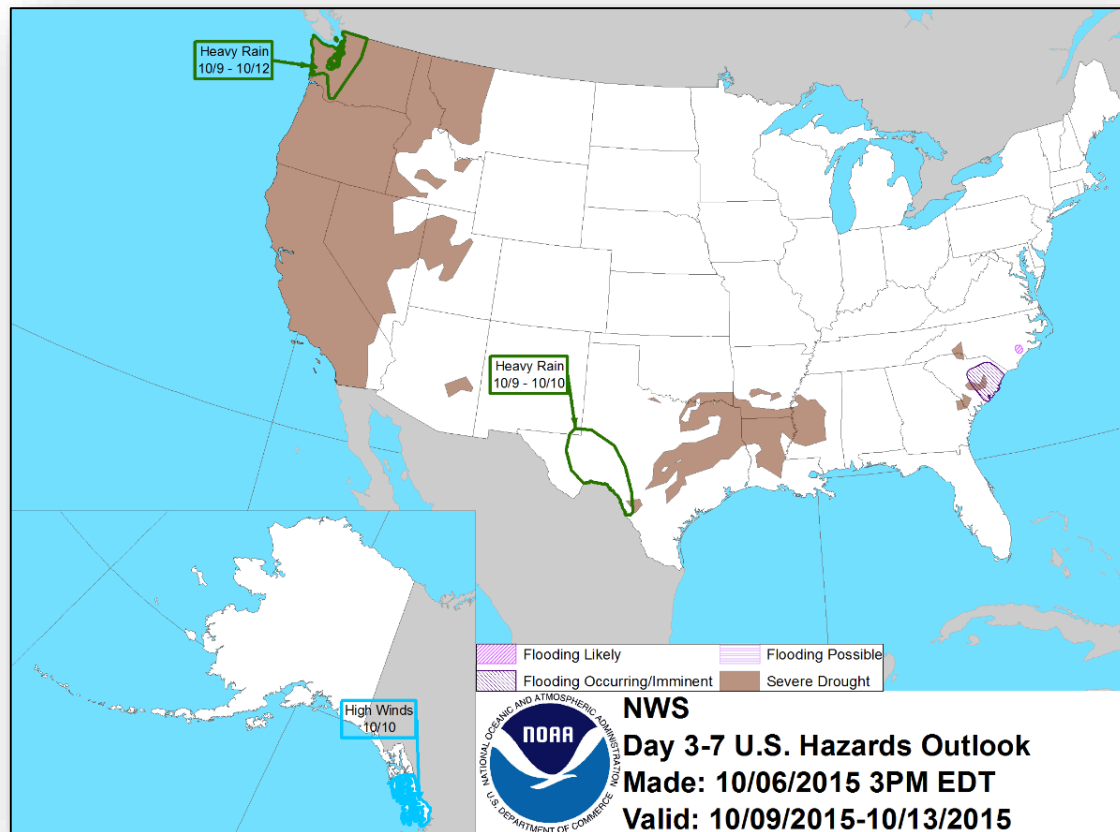


*FEMA Flood Hazard Layer not available for this location.*

24 miles northwest of Myrtle Beach, SC

Historic Crests near Conway, SC  
 19.8ft (1979), 18ft (1928), 16.1 (1945)

# Hazard Outlook, October 9-13

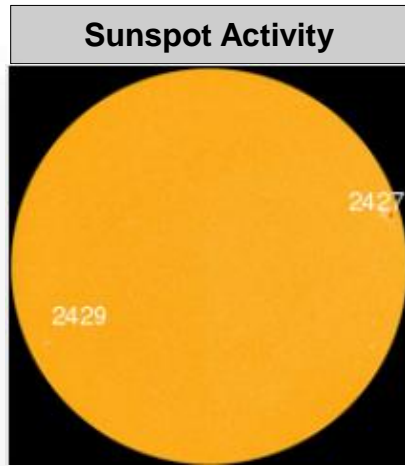
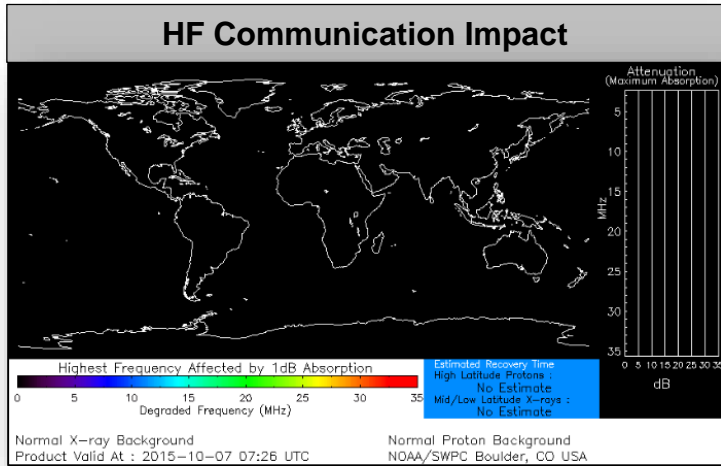




# Space Weather



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



# Disaster Requests & Declarations



<b>Declaration Requests in Process</b>		<b>Requests APPROVED (since last report)</b>	<b>Requests DENIED (since last report)</b>
<b>1</b>	<b>Date Requested</b>	<b>0</b>	<b>0</b>
<b>Navajo Nation – EM Toxic Chemical Spill</b>	<b>October 2, 2015</b>		

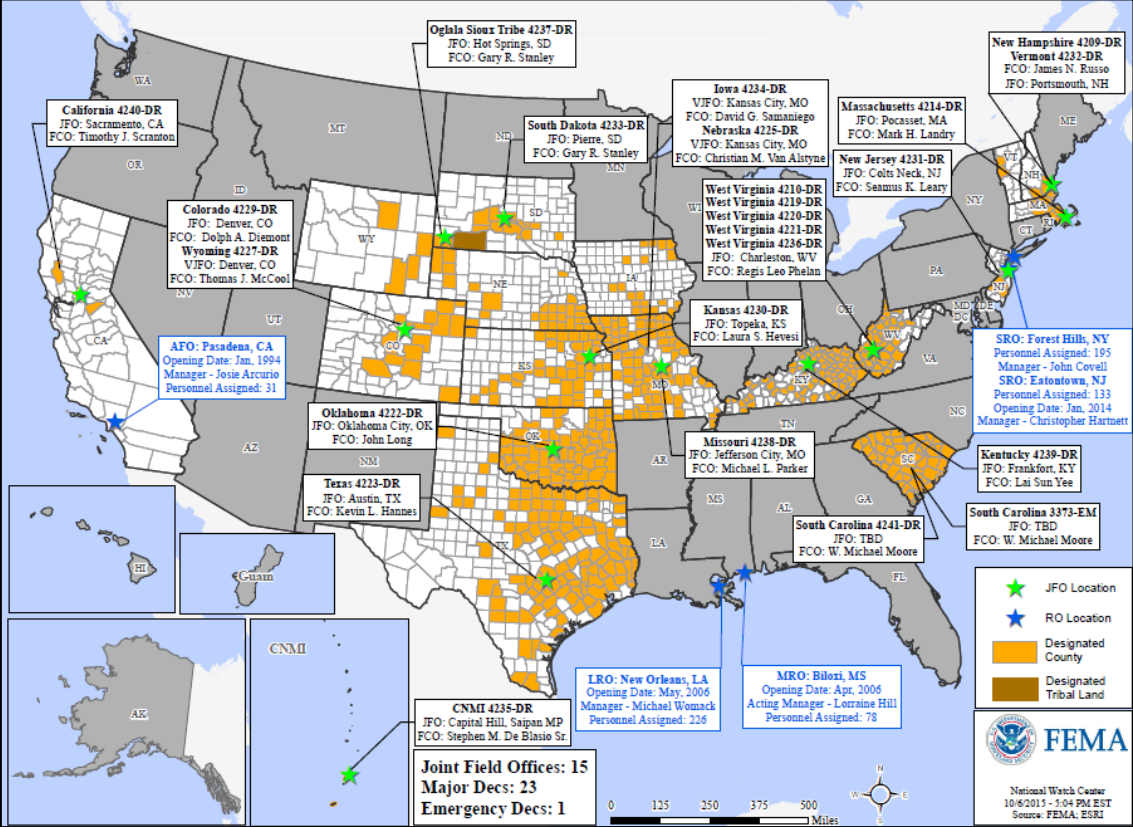


# Disaster Amendments



Amendment	Effective Date	Action
Amendment No.1 FEMA-4241-DR-SC	October 6, 2015	Adds 3 counties for IA

# Open Field Offices as of October 7



# Joint Preliminary Damage Assessments



Region	State / Location	Event	IA/PA	Number of Counties		Start – End
				Requested	Complete	
IV	NC	Flooding September 25, 2015	IA	3	0	10/14-TBD
			PA	7	0	10/14-TBD
	SC	Flooding	IA	2	0	10/7-TBD
			PA	2	0	10/7-TBD

# FEMA Readiness – Deployable Teams /Assets



Deployable Teams/Assets																									
Resource	Status	Total	FMC Available		Partially Available	Not Available	Detailed, Deployed, Activated	Comments	Rating Criterion																
FCO		35	14	40%	0	3	18		OFDC Readiness: <table border="1"> <tr> <td>FCO</td> <td>Green</td> <td>Yellow</td> <td>Red</td> </tr> <tr> <td>Type 1</td> <td>3+</td> <td>2</td> <td>1</td> </tr> <tr> <td>Type 2</td> <td>4+</td> <td>3</td> <td>2</td> </tr> <tr> <td>Type 3</td> <td>4</td> <td>3</td> <td>2</td> </tr> </table> FDRC 3 2 1	FCO	Green	Yellow	Red	Type 1	3+	2	1	Type 2	4+	3	2	Type 3	4	3	2
FCO	Green	Yellow	Red																						
Type 1	3+	2	1																						
Type 2	4+	3	2																						
Type 3	4	3	2																						
FDRC		9	4	44%	0	0	5																		
US&R		28	25	89%	0	1	2	IST Red, VA-TF1 & VA-TF2 (Blue) – Deployed as Type 1 Task Forces to SC PA-TF1 (Green) NM-TF1 (Red) – Personnel shortages	<ul style="list-style-type: none"> <li>Green = Available/FMC</li> <li>Yellow = Available/PMC</li> <li>Red = Out-of-Service</li> <li>Blue = Assigned/Deployed</li> </ul>																
National IMAT		3	2	67%	0	0	1	N IMAT East-1 deployed to SC	<ul style="list-style-type: none"> <li>Green: 3 avail</li> <li>Yellow: 1-2 avail</li> <li>Red: 0 avail (<i>Individual N-IMAT red if 50% of Section Chiefs and/or Team Leader is unavailable for deployment.</i>)</li> </ul>																
Regional IMAT		13	5	38%	1	0	7	<b>Deployed:</b> RIV (Team 1) Deployed to SC; IMAT (Team 2) deployed to SC RV1 (Team 2) Deployed to TX RVII Deployed to MO RVIII (Team 1) Deployed to CO RIX (Team 1) Deployed to Guam/CNMI; (Team 2) Deployed to CA RX (Yellow) Partially Mission Capable	<ul style="list-style-type: none"> <li>Green: 7 or more avail</li> <li>Yellow: 4 - 6 teams available</li> <li>Red: &gt; 8 teams deployed/unavailable</li> </ul> R-IMAT also red if TL Ops/Log Chief is unavailable & has no qualified replacement																
MCOV		59	22	37%	0	10	27	10 MCOVs deployed to CA 10 MCOVs deployed to SC 7 unit prep (Thomasville)	<ul style="list-style-type: none"> <li>Green = 80 – 100% avail</li> <li>Yellow = 60 – 79% avail</li> <li>Red = 59% or below avail</li> <li>Readiness remains 95%</li> </ul>																

# FEMA Readiness – National/Regional Teams



National/Regional Teams									
Resource	Status	Total	FMC Available		Partially Available	Not Available	Status	Comments	Rating Criterion
NWC		5	5	100%	0	0	Activated	Enhanced Watch (24/7)	<ul style="list-style-type: none"> <li>• Green = FMC</li> <li>• Yellow = PMC</li> <li>• Red = NMC</li> </ul>
NRCC		2	344	89%	0	44	Not Activated	NRCS on Advisory	
HLT		1	N/A	N/A	0	0	Activated		
DEST							Not Activated		
RRCCs		10	10	100%	0	0	Activated	Region IV – Level II (day shift) with select ESFs	
RWCs/MOCs		10	10	100%	0	0	Activated	Region IV – Enhanced Watch (night shift)	



# FEMA

**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.**