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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**

**Saturday, October 3, 2015**

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

# Response Updates



## FEMA Region IV:

- RRCC activated to Level I, Full Activation (dayshift) with all ESFs & DCE; RWC at Enhanced Watch (night shift)
- Region IV IMATS and LNOs deployed to NC & SC; an additional LNO will deploy to GA EOC today (HLT LNO released on 2 Oct)
- **SC EOC is at Full Activation; Governor declared a State of Emergency and requested an emergency declaration**
- NC EOC is at Partial Activation; Governor declared State of Emergency
- TN EOC at Level IV (Monitoring)
- **GA EOC is at Partial Activation**

## FEMA Region III:

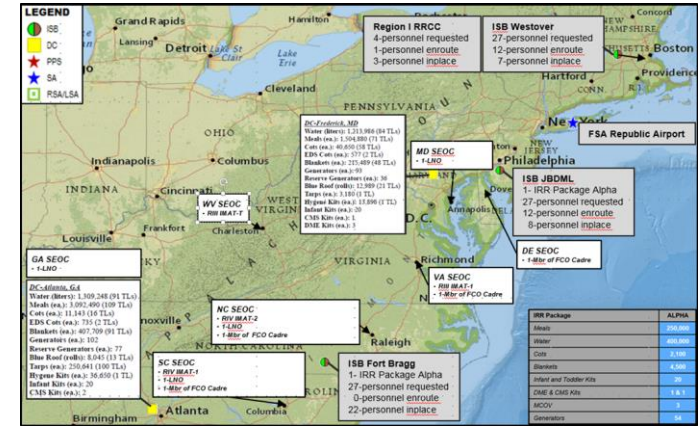
- RRCC not activated; RWC at Enhanced Watch (dayshift)
- Region III IMAT deployed to VA; Regional IMAT staff deploying to MD; LNO deployed to DE
- VA, MD, DE EOCs are Partially Activated; VA and MD Governors declared a State of Emergency

## FEMA Region II:

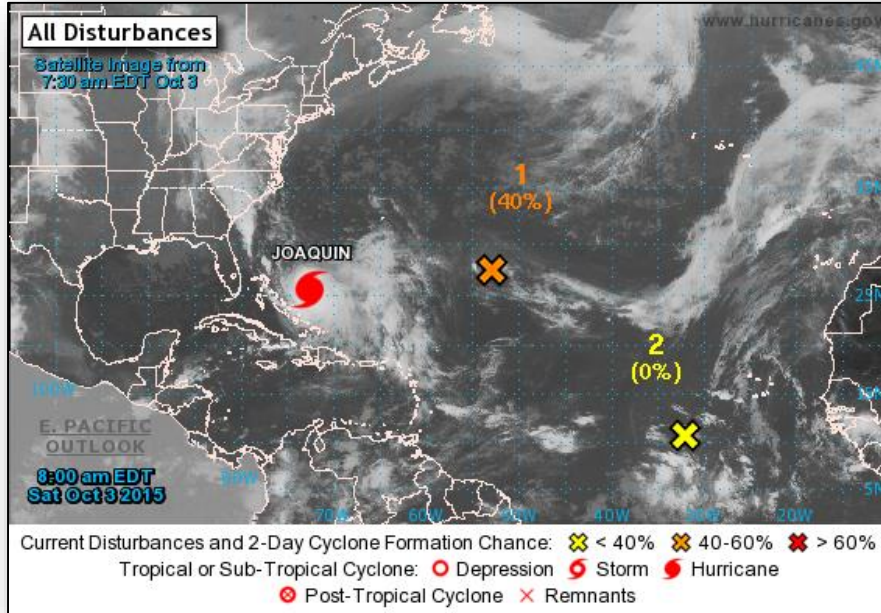
- RRCC not activated; RWC activated to Enhanced Watch (day shift)
- **Region II IMAT B deployed to NJ ROIC**
- LNOs deployed to NHC and JBDML
- NJ & NY State EOCs are Partially Activated; NJ Governor declared a State of Emergency

## FEMA HQ:

- NRCC not activated (on Advisory) ; NWC at Enhanced Watch, 24/7
- **All National IMAT Teams have been released**
- NCRC Staff deployed to DC HSEMA
- ISB teams in Westover, MA; JBDML (NJ); & Ft. Bragg, NC
  - One alpha pack, including generators are deployed to JBDML and Ft. Bragg
- ESF #9 Advisory transmitted to FEMA National US&R Response System, Federal ESF #9 partners, and FEMA Regions



# 2 Day Tropical Outlook - Atlantic



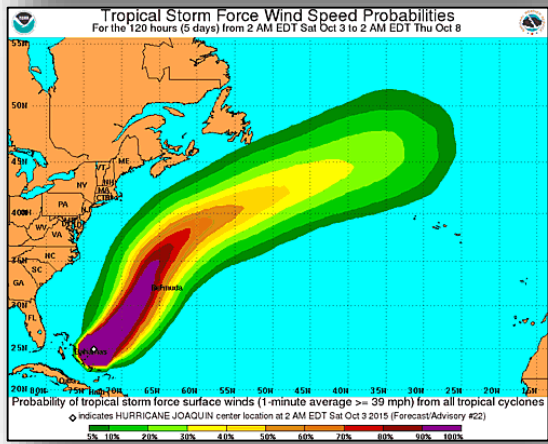
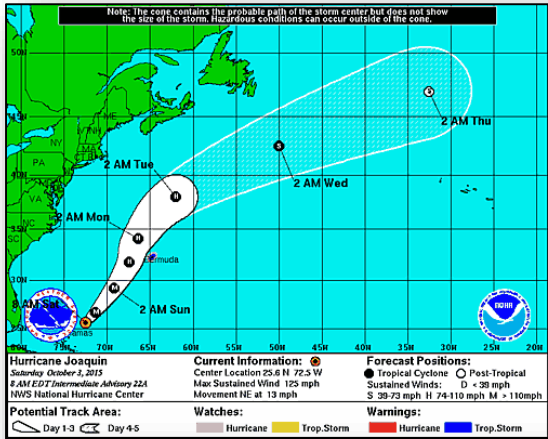
## Disturbance #1 (As of 8:00 a.m. EDT)

- Located 850 miles ESE of Bermuda
- Continues to produce gale-force winds
- Conditions forecast to be conducive for development
- Formation chance through 48 hours: Medium (40%)
- Formation chance through 5 days: Medium (40%)

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

- Located several hundred miles SW of Cape Verde Islands
- Some slow development of this system is possible
- Moving WNW at 10 to 15 mph
- Formation chance through 48 hours: Low (near 0%)
- Formation chance through 5 days: Low (20%)

# Atlantic – Hurricane Joaquin



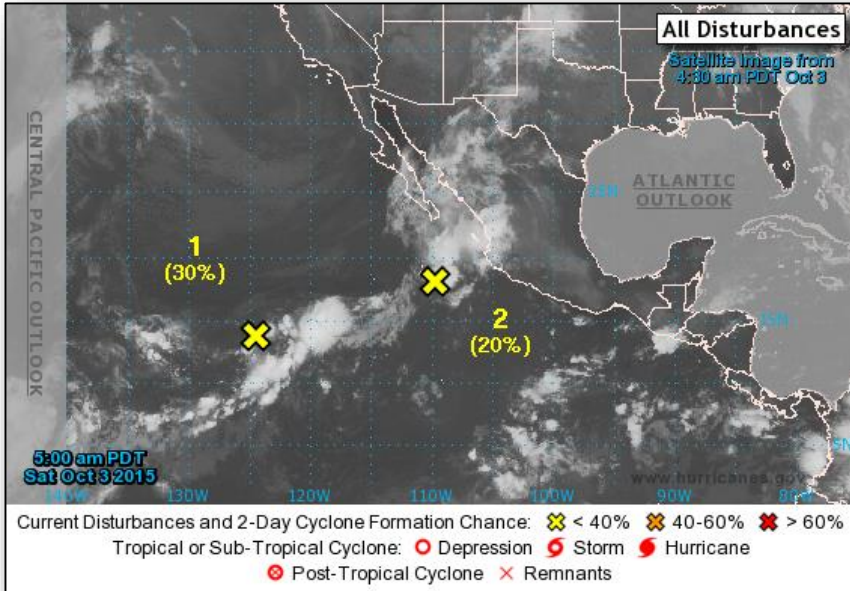
## Hurricane Joaquin (Advisory #22A as of 8:00 a.m. EDT)

- Located 165 miles NE of San Salvador, Bahamas
- Moving NE at 13 mph
- Motion expected to continue through tonight with increase in speed
- Maximum sustained winds 125 mph (Category 3)
- Slow weakening is forecast to begin later today with steadier weakening Sunday and Sunday night
- Hurricane-force winds extend outward 50 miles
- Tropical storm-force winds extend outward 205 miles
- Hurricane Watch is in effect for Bermuda

## Potential impacts

- Swells have begun to affect portions of the SE coast of the U.S.
- Forecast to pass well east of the coast of the U.S.

# 2 Day Tropical Outlook – Eastern Pacific



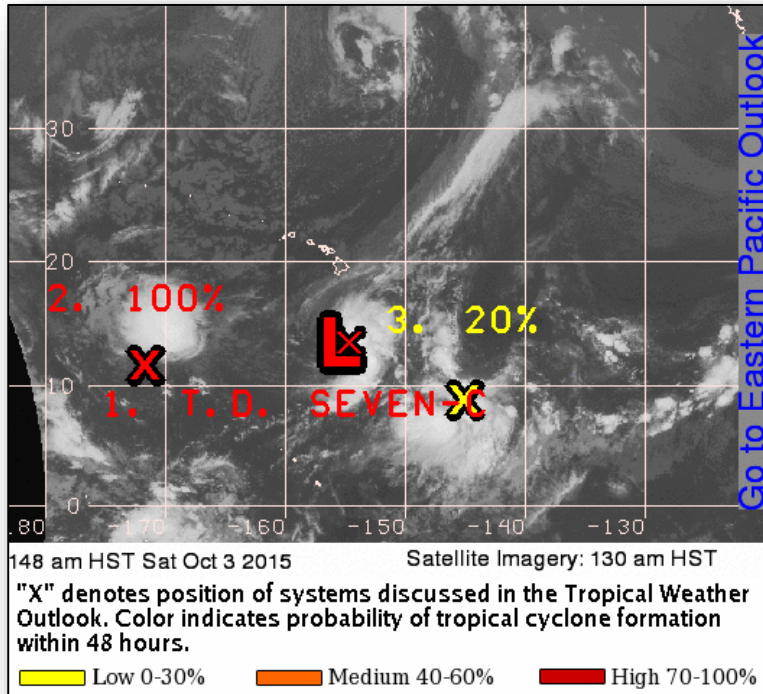
## Disturbance #1 (As of 8:00 a.m. EDT)

- Located 1,100 miles SW of the southern tip of Baja California peninsula, Mexico
- Moving slowly NE
- Conditions still somewhat conducive for development
- Gradual development is possible during the next few days
- Formation chance through 48 hours: Low (30%)
- Formation chance through 5 days: Medium (50%)

## Disturbance #2 Remnants of Marty (As of 8:00 a.m. EDT)

- Located 350 miles S of the southern tip of Baja California peninsula, Mexico
- System is producing showers and thunderstorms
- Strong upper-level winds are anticipated to prevent further significant development
- Moving NNW at 5-10 mph
- Formation chance through 48 hours: Low (20%)
- Formation chance through 5 days: Low (20%)

# 2 Day Tropical Outlook - Central Pacific



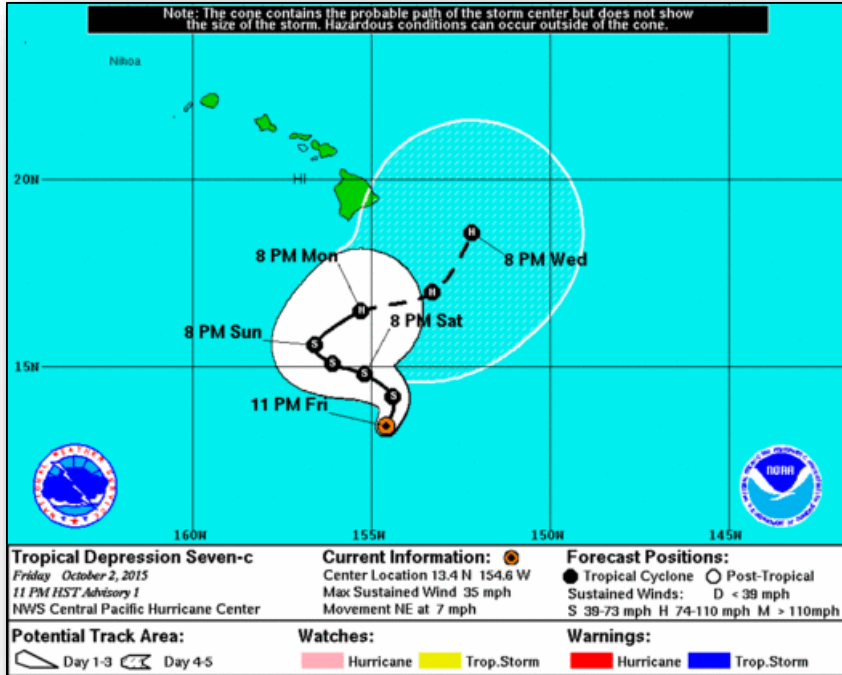
## Disturbance #2 (As of 8:00 a.m. EDT)

- Located 1,100 miles SW of Honolulu, HI
- Environmental conditions support tropical cyclone development
- Tropical depression likely to form today while remaining stationary
- Formation chance through 48 hours: High (near 100%)

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

- Located 1,100 miles SE of Hilo, HI
- Environmental conditions support gradual organization
- Drifting slowly N
- Formation chance through 48 hours: Low (20%)

# Central Pacific – Tropical Depression Seven-C

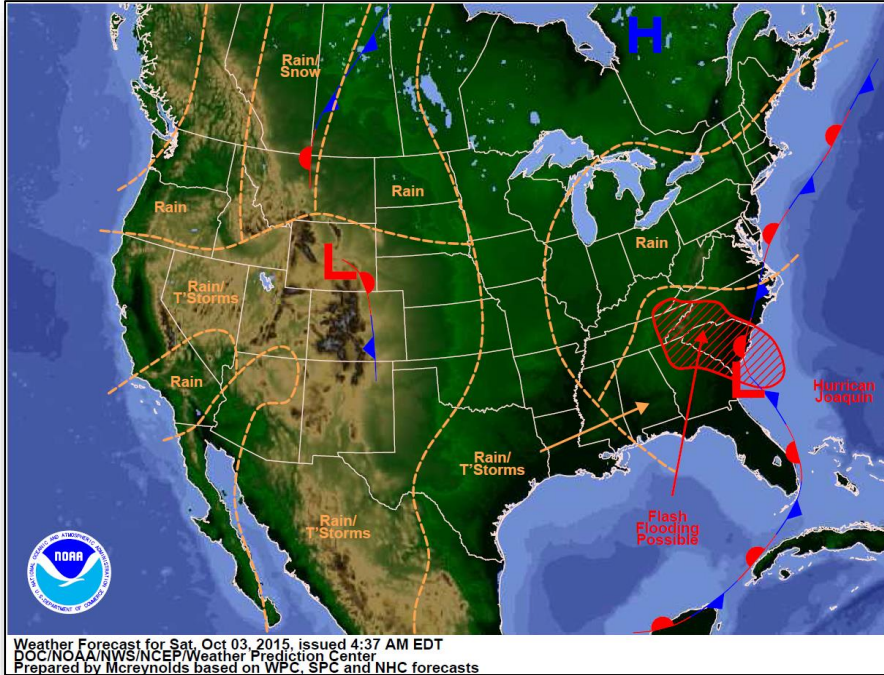


## TD Seven-C Advisory #1(As of 5:00 a.m. EDT)

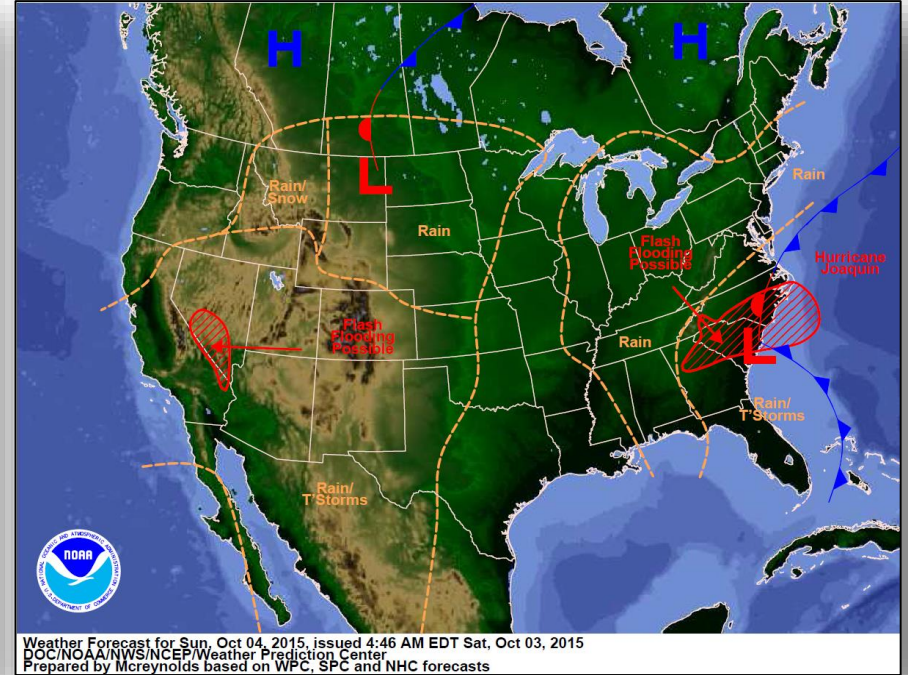
- Located 395 miles south of South Point, Hawaii
- Maximum sustained winds are near 35 mph
- Moving NE at 7 mph
- General motion is expected through today
- Significant intensification is expected over the next couple of days
- No coastal watches or warnings are in effect



# National Weather Forecast

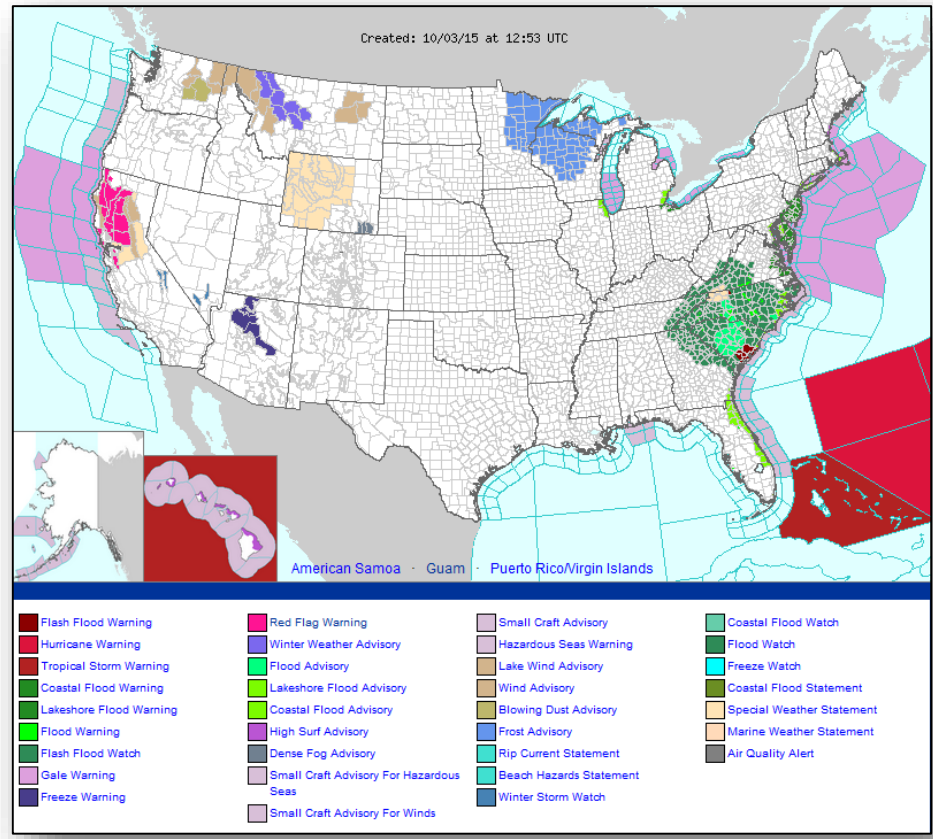


*Today*

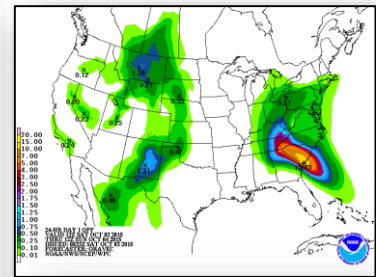
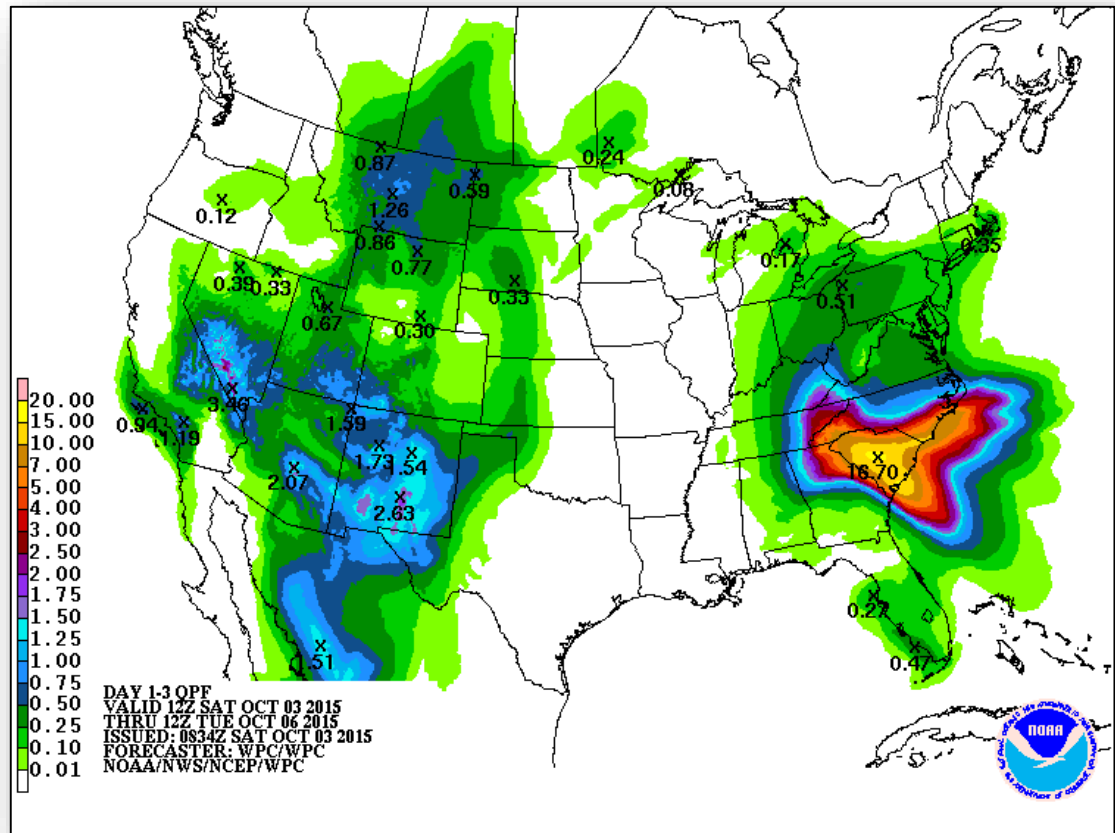


*Tomorrow*

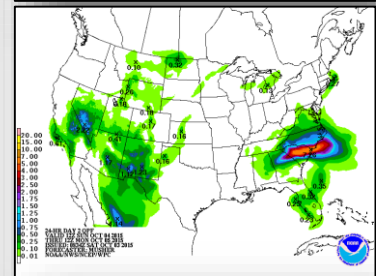
# Active Watches/Warnings



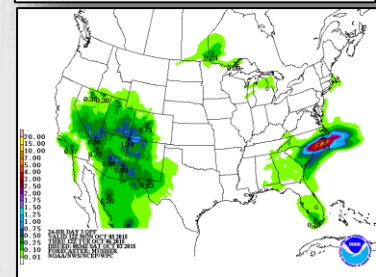
# Precipitation Forecast, 1 – 3 Day



Day 1

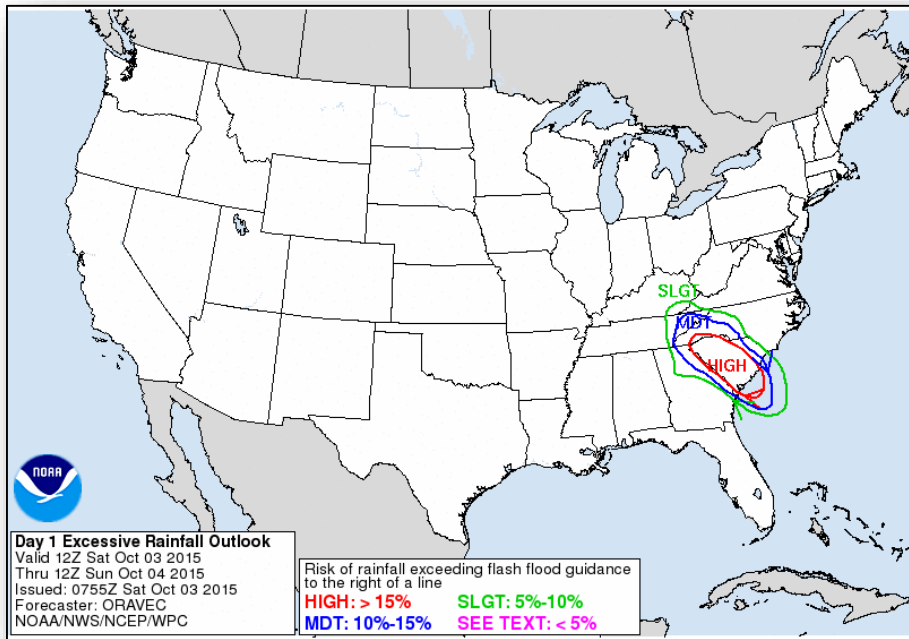


Day 2

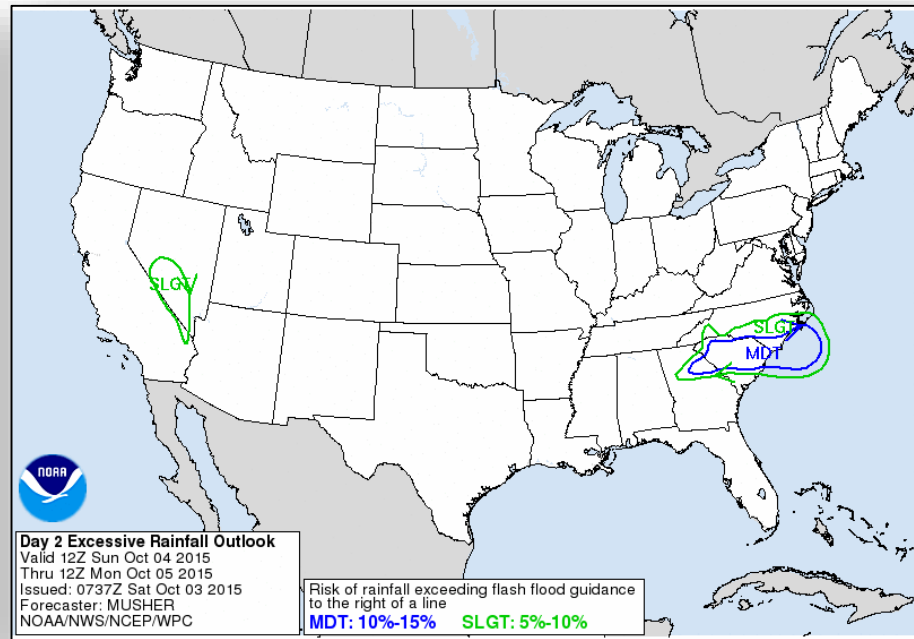


Day 3

# Flash Flood Potential, Days 1 – 2



Day 1

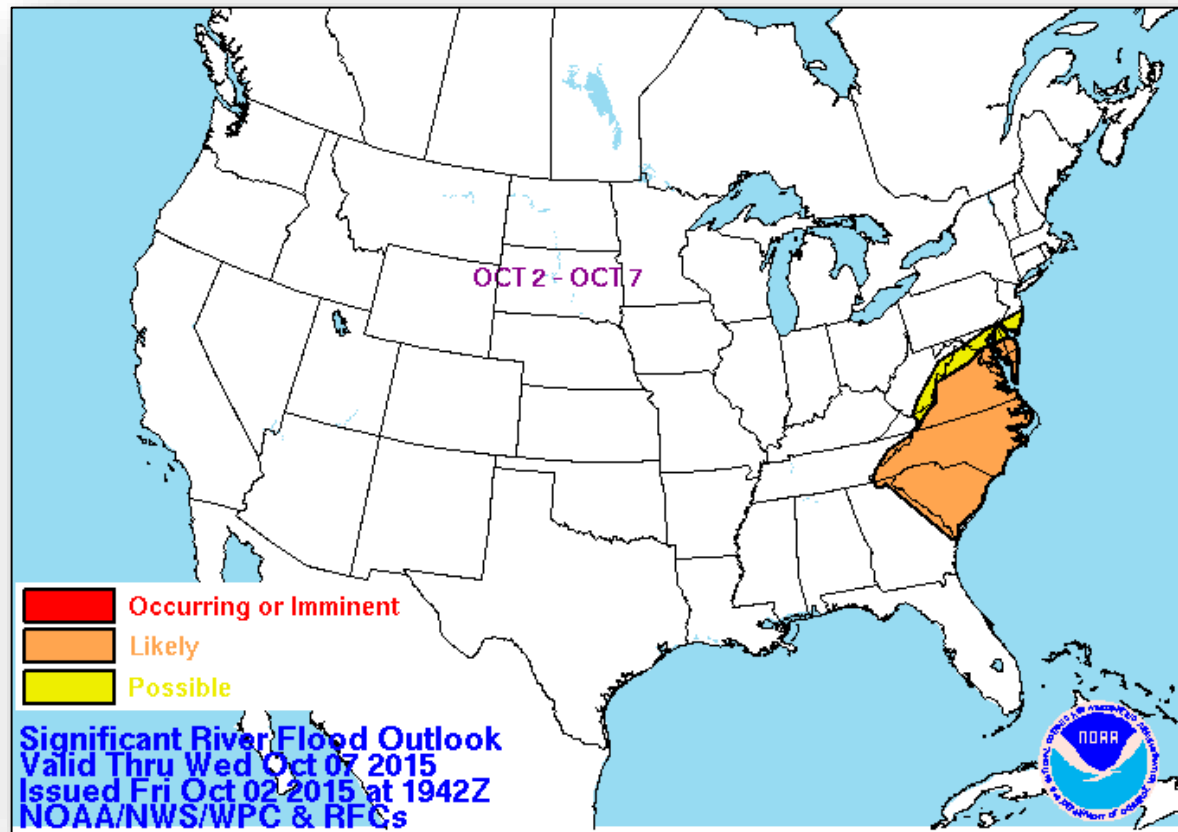


Day 2

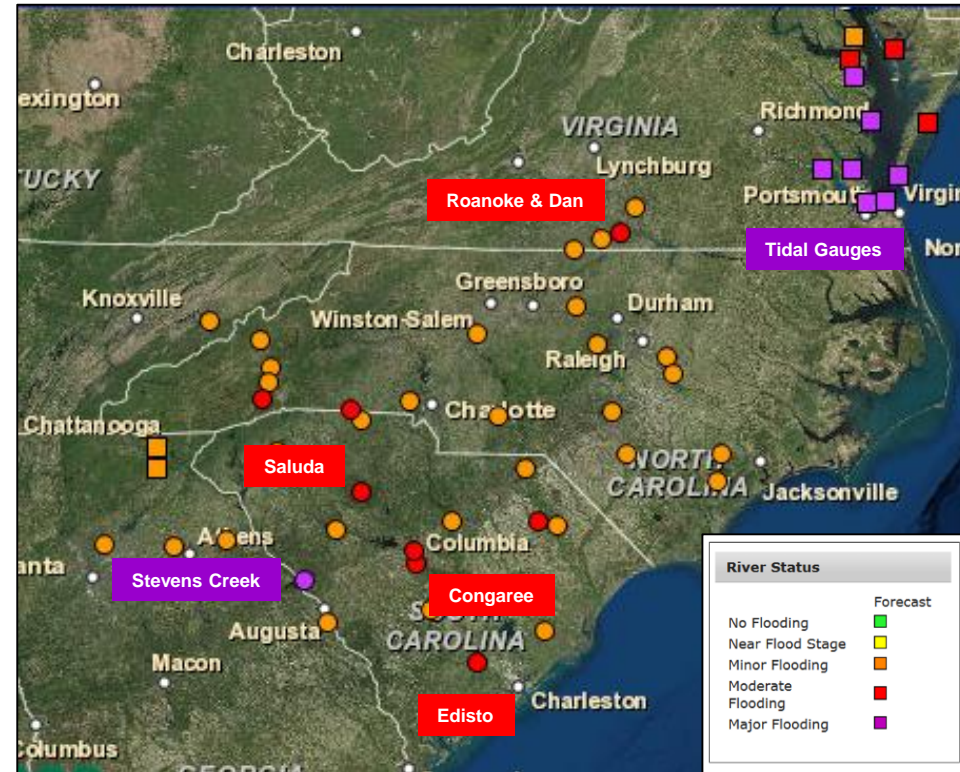
# Significant River Flood Outlook



FEMA



# Flood Forecast – Next 48 Hours



## Overall Summary:

- Heavy rainfall in a short period of time can lead to significant, localized flash flooding with little or no notice; coastal flooding also possible, especially Lower Chesapeake Bay

## Virginia:

- Moderate Flooding on James River with minor impacts along river. No Major flooding on inland gauges

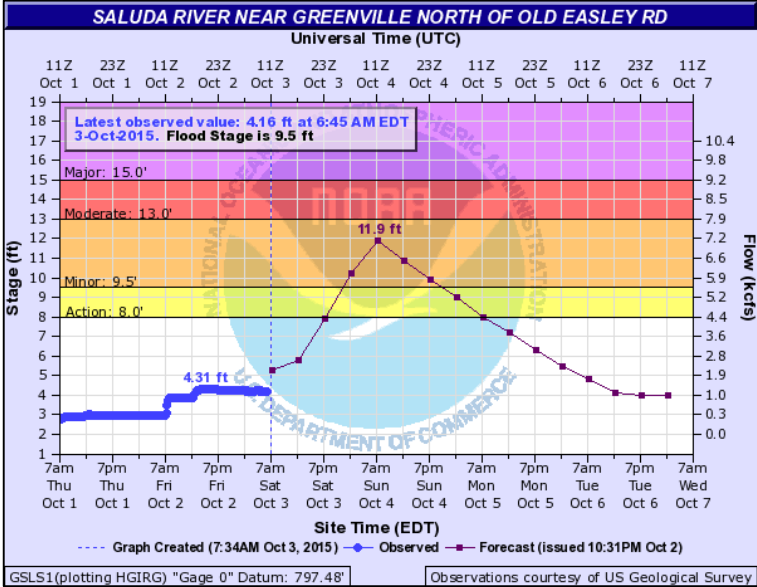
## North Carolina:

- Impacts from flooding expected to be minimal for the state. Roanoke and Dan Rivers are forecast to exceed Moderate Flood Stage.

## South Carolina:

- Stevens Creek at Modoc is forecast to exceed major flooding – mainly farmland in the area with some housing
- Concern along the Saluda, Congaree, Pee Dee and Edisto Rivers for moderate or greater river flooding.

# Saluda River near Greenville, SC



Inundation graphic for Greenville, SC based on crest of 12.0 feet

**Potential Impacts:**

- 10.5':** Evacuations in Pickens county in the shady acres trailer park area near fish trap road and along old Easley bridge road near highway 123 will begin.
- 11.5':** Homes will be surrounded by water on Riverview circle south of highway 123 and parts of Riverview drive will begin to flood.
- 12.5':** Some homes between the river and Riverview circle in Greenville county will begin to flood.

**Hazus Estimates**

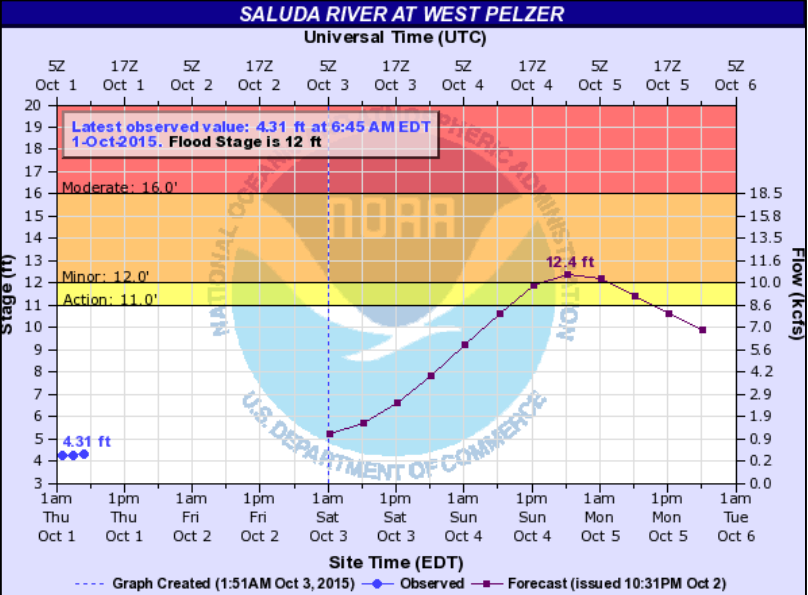
**Population:** 61,397 in Greenville / 3,148 in Pickens

**Housing Units:** 59

**Historic Crests at Greenville, SC**

19.4 ft ((Record)1949), 18 ft (1964), 15.6 ft (1995), 15 ft (2004)

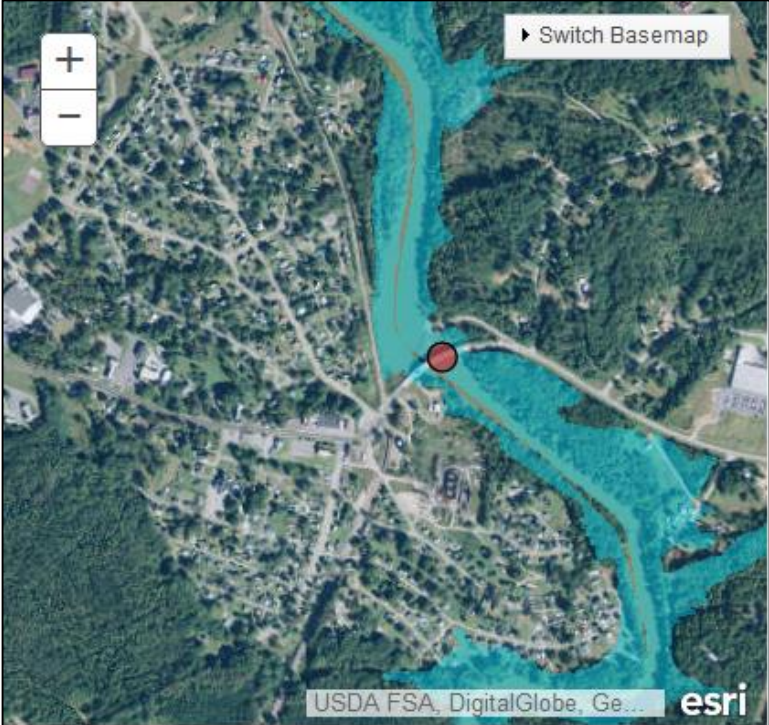
# Saluda River – At West Pelzer, SC



**Potential Impacts:**

**12':** Flooding of a home near Culbertson court and Arden road will begin (Greenville County). Homes on Adger street (Anderson County) will begin to flood.

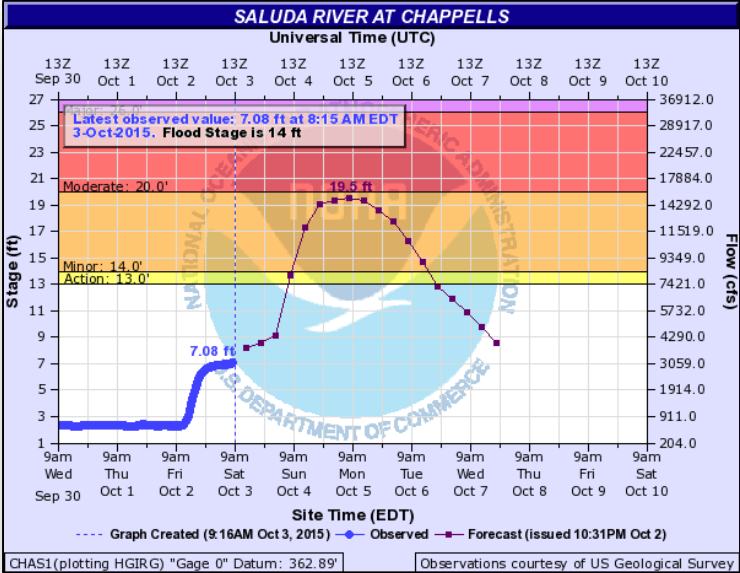
**13.3':** Guy and Adger roads will be flooded and more homes along these roads will begin to flood.



Legend  
 1% Annual Chance Flood Hazard



# Saluda River – At Chappells, SC

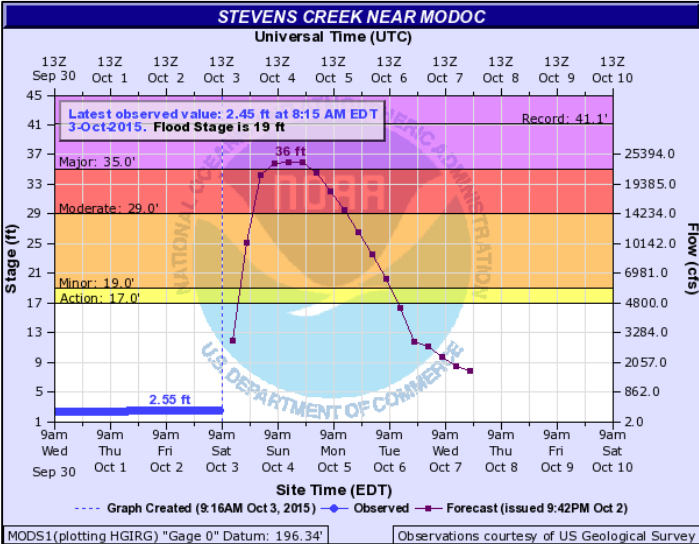


**Potential Impacts:**

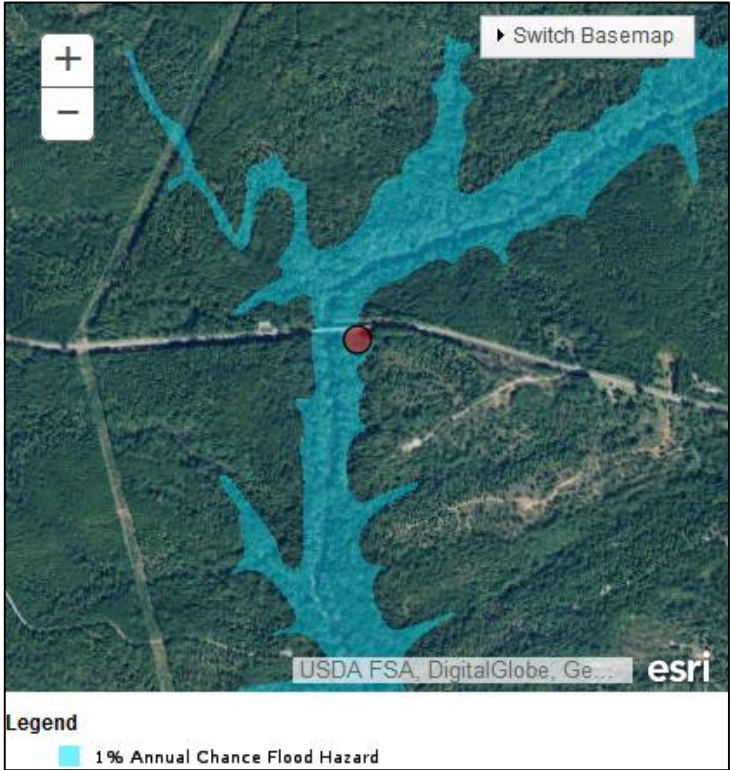
- 16':** Extensive farmland and river bottomland around and downstream from Chappells become flooded.
- 18':** The Saluda River Campground including the Campground Store downstream from Chappells becomes flooded.
- 21':** Extensive flooding occurs. Farmland and river bottomland around and downstream from Chappells become flooded. Much of the Saluda River Campground downstream from Chappells become flooded.



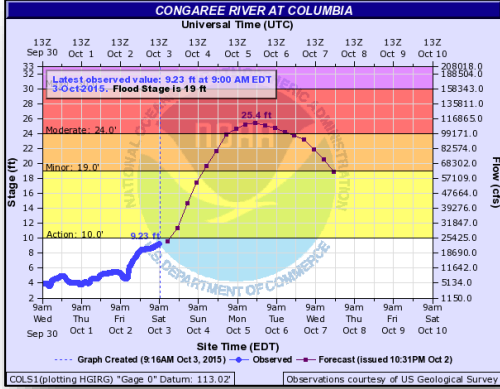
# Stevens Creek River – South Carolina



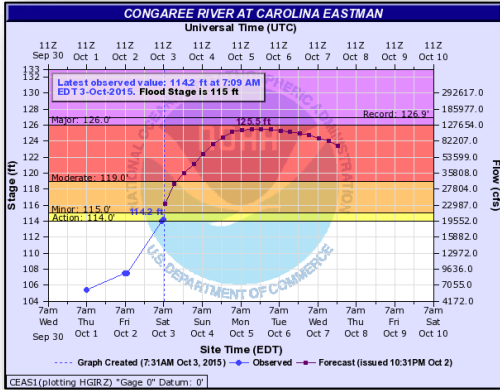
**Potential Impacts:**  
**26':** Residents along Stevens Creek in the Riverhills subdivision should take precautions to protect life and property  
**28':** The Garrett Road bridge over Stevens Creek below Clarks Hill will flood.  
**35':** Briggs Road threatened by flood water.  
**41':** Extensive farmland and bottomland along Stevens Creek near Modoc and Clarks Hill become flooded.



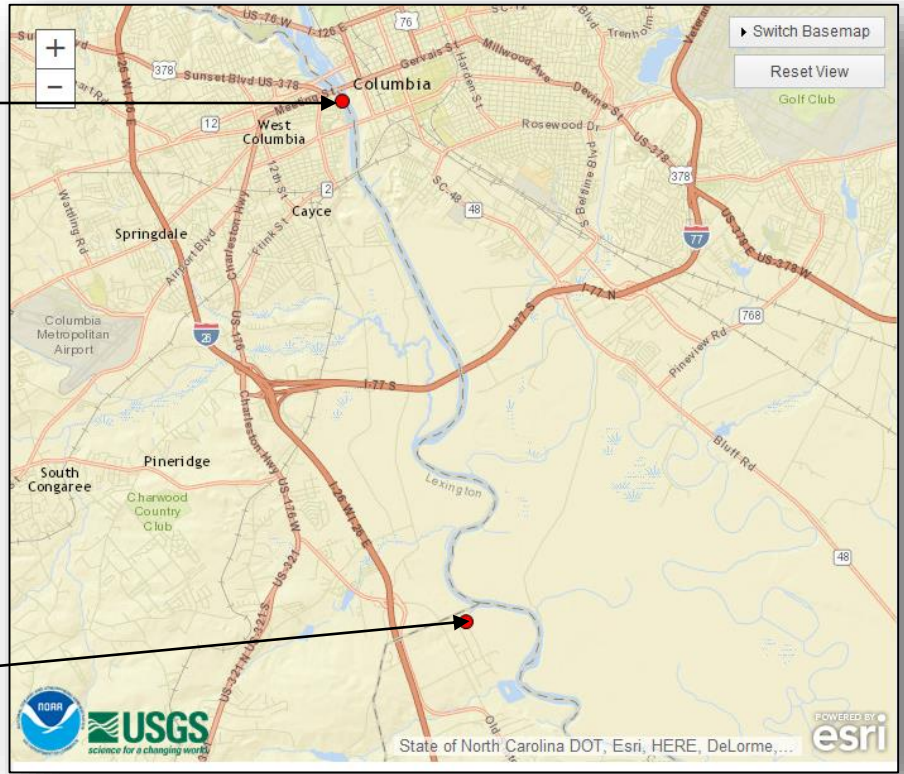
# Congaree River – Columbia, SC



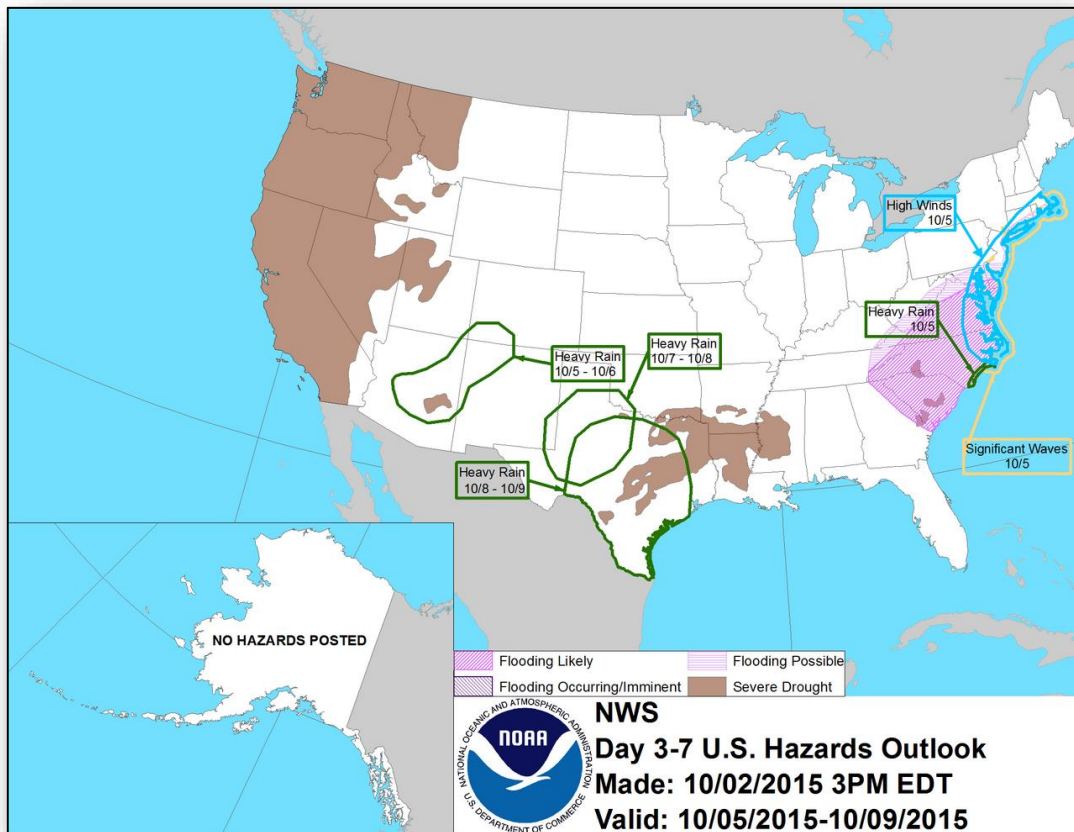
**Potential Impacts:**  
**21':** Extensive swampland and farmland downstream from Columbia are flooded.  
**24':** Columbia Canal Hydroelectric Plant at the Gervais Street bridge becomes flooded  
**28':** Flooding begins in low lying areas of the Riverland Park subdivision in Cayce.



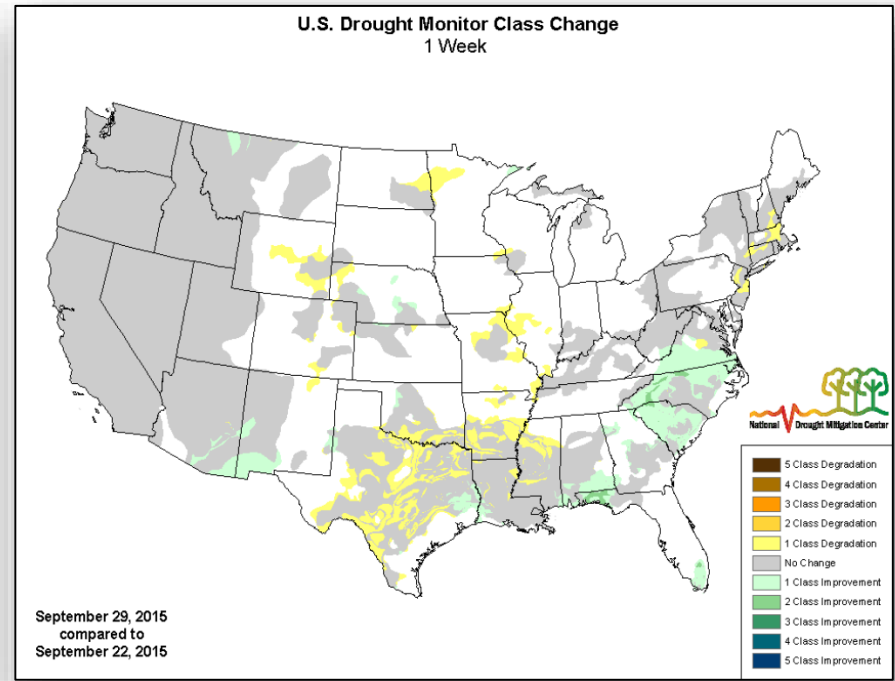
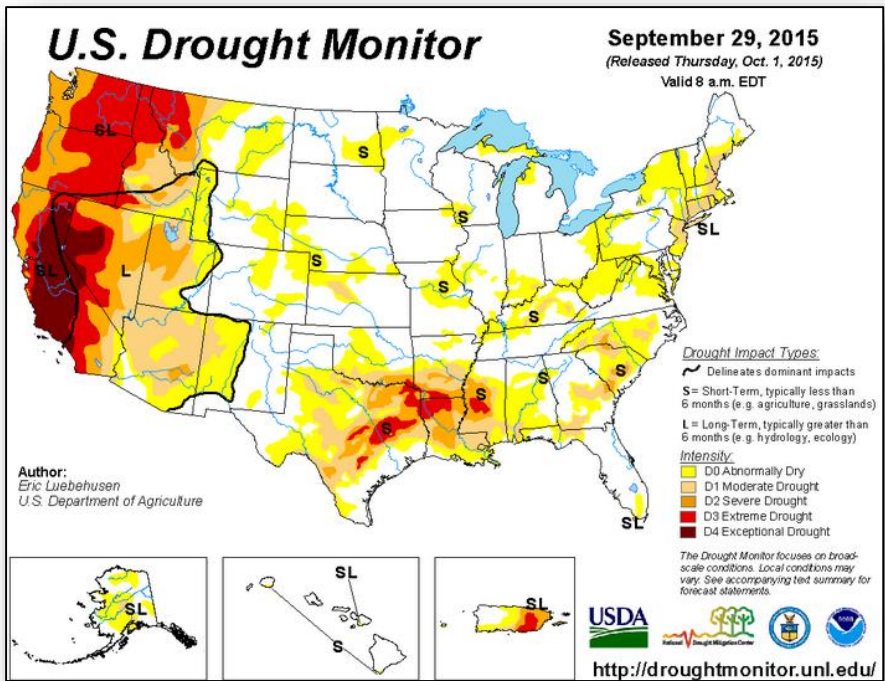
**Potential Impacts:**  
**119':** Extensive flooding occurs in the Congaree National Park. Some area farmland is flooded.  
**124':** Extensive farmland flooding occurs in the area.  
**126':** Water reaches the top of some dikes at the Carolina Eastman Facility.



# Hazard Outlook, October 5 - 9

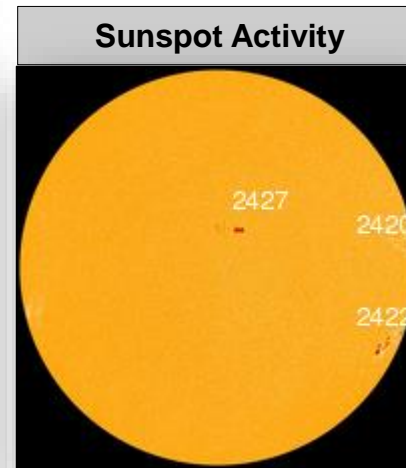
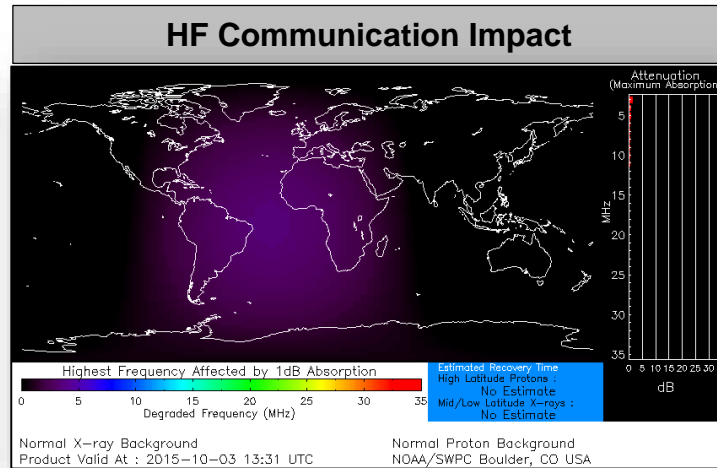


# U.S. Drought Monitor



# Space Weather

	Past 24 Hours	Current	Next 24 Hours
Space Weather Activity:	Minor	None	Minor
• Geomagnetic Storms	None	None	G1
• Solar Radiation Storms	None	None	None
• Radio Blackouts	R1	None	R1



# Disaster Requests & Declarations



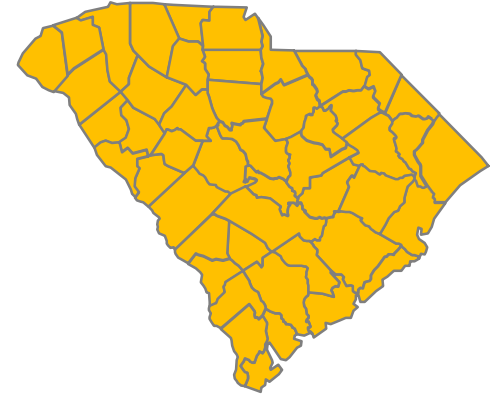
Declaration Requests in Process		Requests APPROVED (since last report)	Requests DENIED (since last report)
1	Date Requested	0	0
SC – EM for Severe Storms and Flooding	Oct 2, 2015		


# Emergency Declaration Request – SC



## October 2, 2015

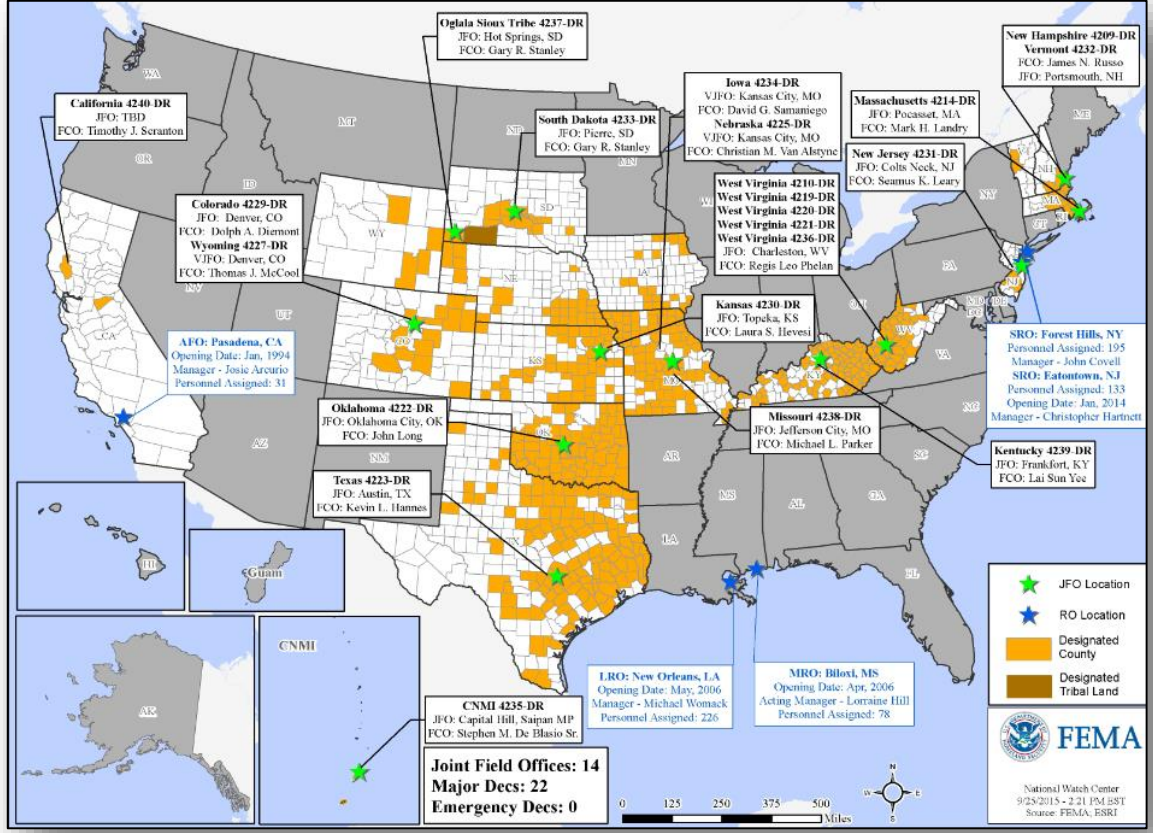
- Governor requested a Emergency Declaration for the State of South Carolina
- For severe storms and flooding during the period of October 1 and continuing
- Requesting:
  - Emergency protective measures (Cat B); including direct federal assistance
  - Public Assistance for 46 counties
  - Hazard Mitigation statewide



 PA Requested Counties



# Open Field Offices as of October 3



# FEMA Readiness – Deployable Teams /Assets



Deployable Teams/Assets									
Resource	Status	Total	FMC Available		Partially Available	Not Available	Detailed, Deployed, Activated	Comments	Rating Criterion
FCO	Green	35	12	34%	0	1	22		OFDC Readiness: FCO    Green    Yellow    Red Type 1   3+        2        1 Type 2   4+        3        2 Type 3   4         3        2  FDRC    3        2        1
FDRC		9	5	56%	0	0	4		
US&R	Green	28	24	86%	2	2	0	NY-TF1 (Yellow) – Sep 10-30 for Papal Visit & UNGA Support PA-TF1 (Yellow) - Sep 29-Oct 5 for Cache Reconstitution NM-TF1 (Red) – Personnel shortages MD-TF1 (Red) – Sep 29 – Oct 3 for GA Exercise	<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	3	100%	0	0	0		<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	3	23%	1	0	9	<b>Deployed:</b> RII IMAT deployed to NJ ROIC RIII deployed to VA RIV IMATs deploying to NC & SC RVI (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	Red	59	12	20%	0	10	37	10 MCOVs deployed to CA 10 enroute (7 to Frederick, 3 to Fort Bragg) 17 unit prep	<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	Not Activated	Enhanced Watch (24/7) for Hurricane Joaquin	<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	9	90%	0	0	Activated	Region IV – Level I (day shift) with all ESFs and DCE	
RWCs/MOCs		10	10	100%	0	0	Activated	Region II – Enhanced Watch (day shift) Region III – Enhanced Watch (day shift) Region IV – Enhanced Watch (night shift) Region IX – Returned to Watch/Steady State	



# 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.**