

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.

Please consider making a small donation to the Disaster Center



When disaster mitigation is cost effective, we are on the road to bringing disasters to an end.



FEMA

Daily Operations Briefing

Sunday, October 4, 2015

8:30 a.m. EDT

Significant Activity: Oct 3 - 4



Significant Events: Hurricane Joaquin / Southeast Flooding

Tropical Activity:

- Atlantic: Hurricane Joaquin; Disturbance 1 – Low (10%); Disturbance 2 Low (10%)
- Eastern Pacific: Disturbance 1 – Low (30%); Disturbance 2 Low (10%)
- Central Pacific: Tropical Storm Oho; Tropical Depression Eight-C; Disturbance 3 – Medium (40%)
- Western Pacific: No activity affecting U.S. interests

Significant Weather:

- Rain & thunderstorms – West coast to Central/Southern Plains; Southeast to Mid-Atlantic
- Flash flooding possible – Central Great Basin to Southwest; Southern Plains; Southeast to Mid-Atlantic
- Rain & snow – Northern Intermountain/Northern Rockies
- Elevated Fire Weather areas – CA
- Red Flag Warnings – northern CA
- Space weather: Past 24 hours – Minor, R1 radio blackouts & G1 geomagnetic storms observed; next 24 hours – minor, G1 geomagnetic storms predicted

Declaration Activity:

- Emergency Declaration Approved – South Carolina

Flooding - Southeast



Situation:

- Flooding will continue across the Southeast through Sunday night, as tropical moisture feeding into an area of low pressure produces moderate to heavy rainfall across SC and NC

Impacts:

- No significant or widespread damage reported; no request for FEMA response assets
- 3 confirmed storm related fatalities (1 NC & 2 SC); 1 injury reported in NC
- 9 shelters open with 123 occupants in SC; 2 shelters open with 8 occupants in NC
- As of 7:30 a.m. EDT, approximately 43k customers without power in SC, NC & GA
- Several hospitals in SC on generator power
- 2 private dams have breached in SC
- No major outages affecting critical communication services
- Numerous local and state roads are being impacted by flooding and downed trees

FEMA Region III:

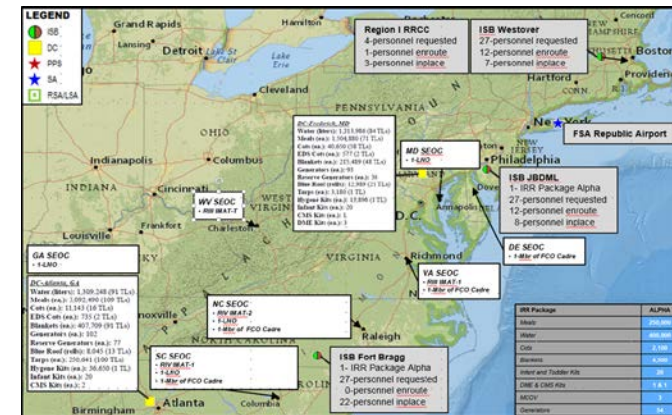
- RRCC not activated; RWC at Enhanced Watch (day shift)
- Region III IMAT deployed to VA SEOC
- VA & MD EOCs are Partially Activated; VA and MD Governors declared State of Emergency

FEMA Region IV:

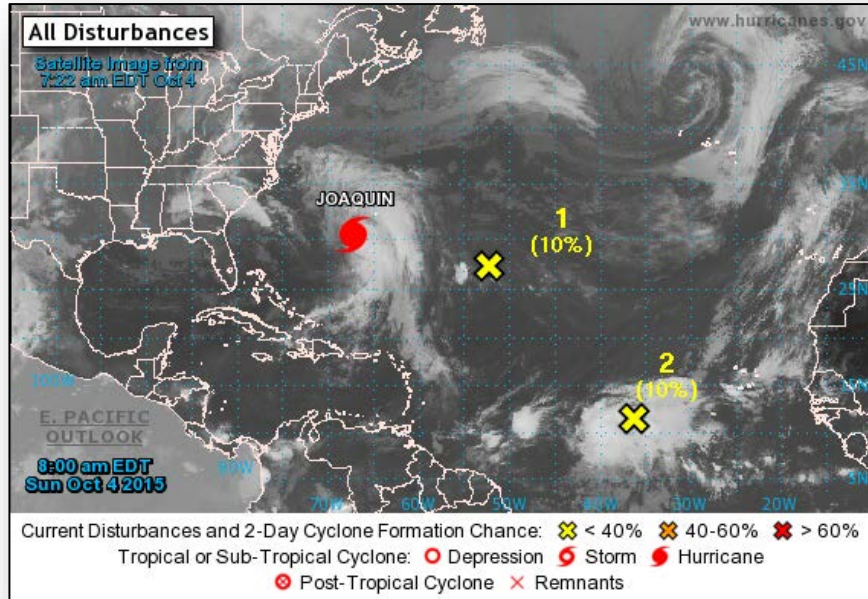
- RRCC is Fully Activated (dayshift) with all ESFs & DCE; RWC at Enhanced Watch (night shift)
- Region IV IMATS and LNOs deployed to NC & SC; an LNO is deployed to GA EOC
- SC EOC is Fully Activated; State of Emergency declared
- [Emergency Declaration FEMA-3373-EM-SC approved Oct 3](#)
- NC and GA EOCs are at Partial Activation; NC Governor declared State of Emergency

FEMA HQ:

- NRCC not activated (on Advisory) ; NWC at Enhanced Watch, 24/7
- [National IMAT East-1 and communications team deploying to SC EOC](#)
- ISB teams in JBDML (NJ); & Ft. Bragg (NC)
- Search & rescue assets on advisory



2 Day Tropical Outlook - Atlantic



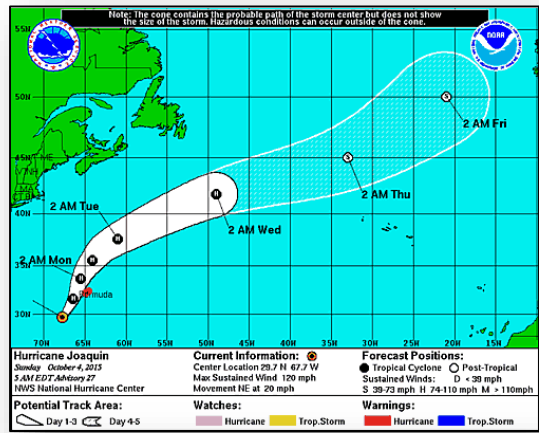
Disturbance #1 (As of 8:00 a.m. EDT)

- Located 800 miles ESE of Bermuda
- Environmental conditions becoming less conducive for development
- Significant development not anticipated
- Formation chance through 48 hours: Low (10%)
- Formation chance through 5 days: Low (10%)

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

- Located several hundred miles SW of Cape Verde Islands
- Moving WNW at 10 to 15 mph
- Upper-level winds not particularly conducive for tropical cyclone formation
- Any development should be slow to occur next several days
- Formation chance through 48 hours: Low (10%)
- Formation chance through 5 days: Low (30%)

Atlantic – Hurricane Joaquin

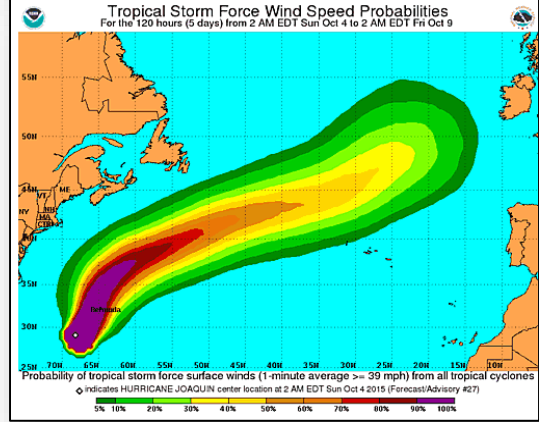


Hurricane Joaquin (Advisory #27 as of 5:00 a.m. EDT)

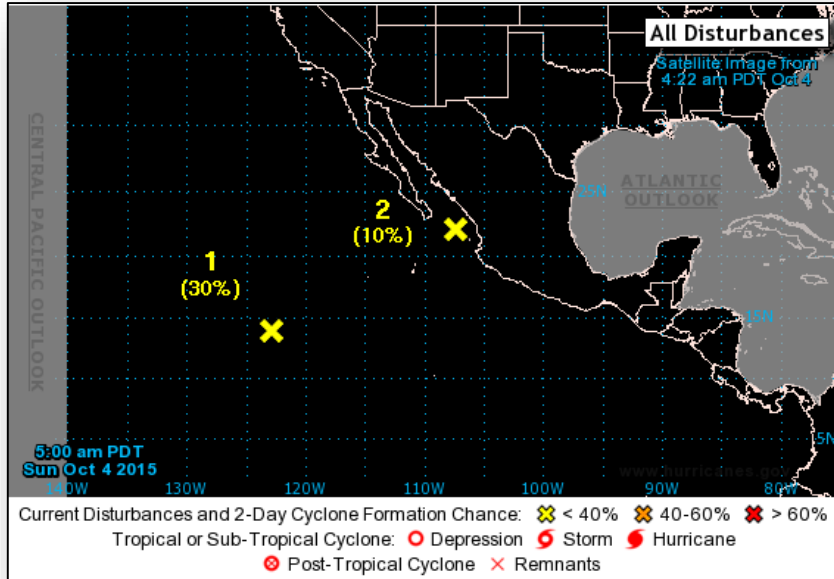
- Located 250 miles SW of Bermuda
- Moving NE at 20 mph
- A turn NNE expected this morning continuing through Mon
- Maximum sustained winds 120 mph (Category 3)
- Weakening forecast next 48 hours
- Hurricane force winds extend 70 miles
- Tropical storm force winds extend 205 miles
- Hurricane Warning in effect for Bermuda

Potential impacts

- Prolonged period of elevated water levels and large waves will affect Mid-Atlantic region, causing significant beach and dune erosion with moderate coastal flooding likely
- Forecast to pass well east of coast of U.S.



2 Day Tropical Outlook – Eastern Pacific



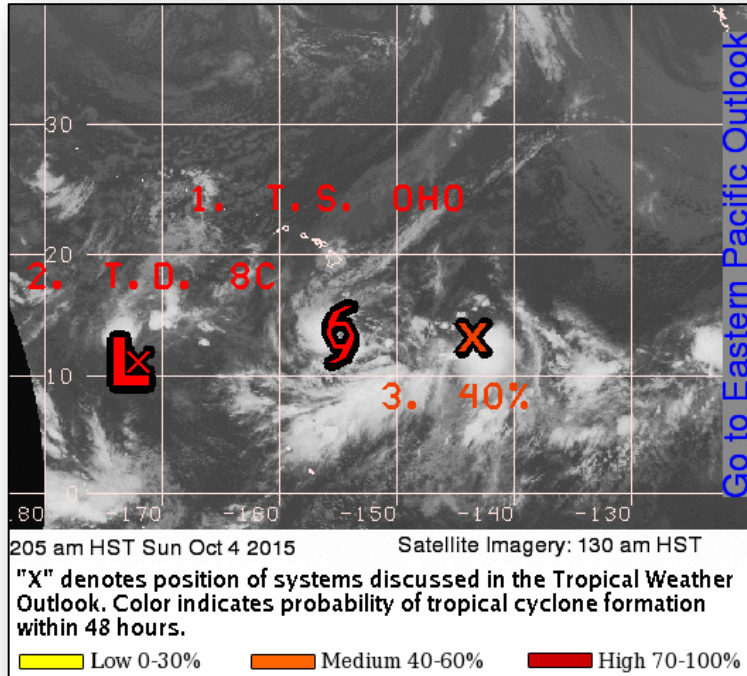
Disturbance #1 (As of 8:00 a.m. EDT)

- Located 1,000 miles SW of southern tip of Baja California peninsula
- Moving slowly NE or N
- Some gradual development possible but conditions expected to become less favorable next few days
- Formation chance through 48 hours: Low (30%)
- Formation chance through 5 days: Medium (40%)

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

- Remnants of Marty located 100 miles SW of Mazatlan, Mexico
- Strong upper-level winds expected to prevent significant development before moving inland over western Mexico later today or tonight
- Formation chance through 48 hours: Low (10%)
- Formation chance through 5 days: Low (10%)

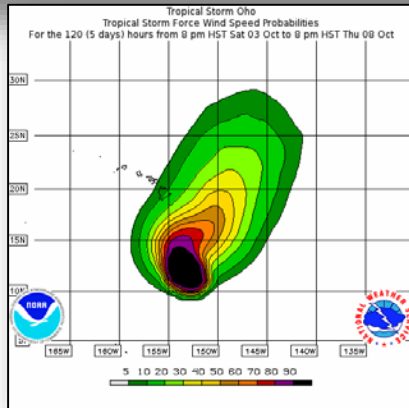
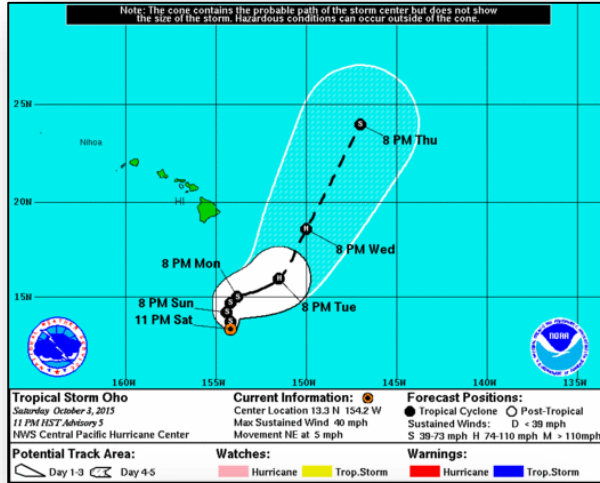
2 Day Tropical Outlook - Central Pacific



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

- Located 950 miles SE of Hilo, HI
- Moving slowly N
- Environmental conditions support tropical cyclone development next couple of days
- Formation chance through 48 hours: Medium (40%)

Central Pacific Outlook



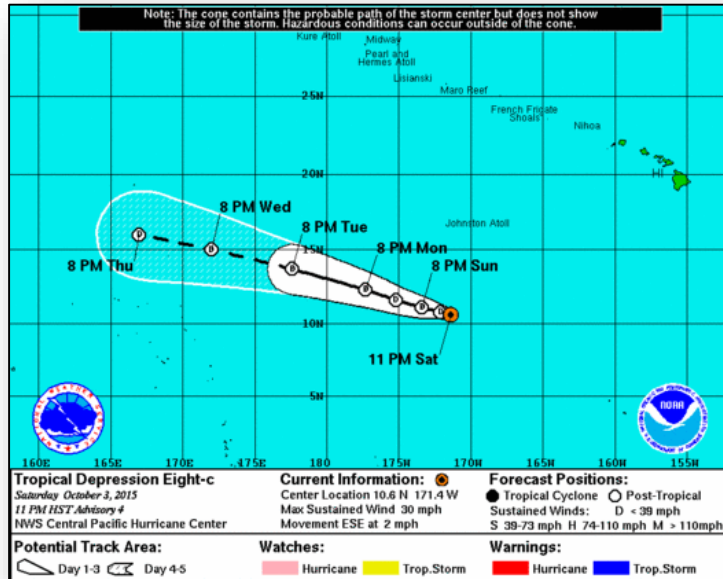
Tropical Storm Oho Advisory #4 (As of 5:00 a.m. EDT)

- Located 605 miles SSE of Honolulu, Hawaii
- Moving NE at 5 mph
- Maximum sustained winds 40 mph
- Slight turn NW through today, then turning N and NE on Mon
- Steady intensification expected next couple of days
- Tropical storm force winds extend 345 miles
- No coastal watches or warnings in effect

Response

- FEMA Region IX will go to Enhanced Watch at 6:00 am PDT today
- HLT LNO in place at Central Pacific Hurricane Center
- ISB team deploying to DC HI
- Weather Reconnaissance Squadron to be flying into Oho tonight and Mon morning

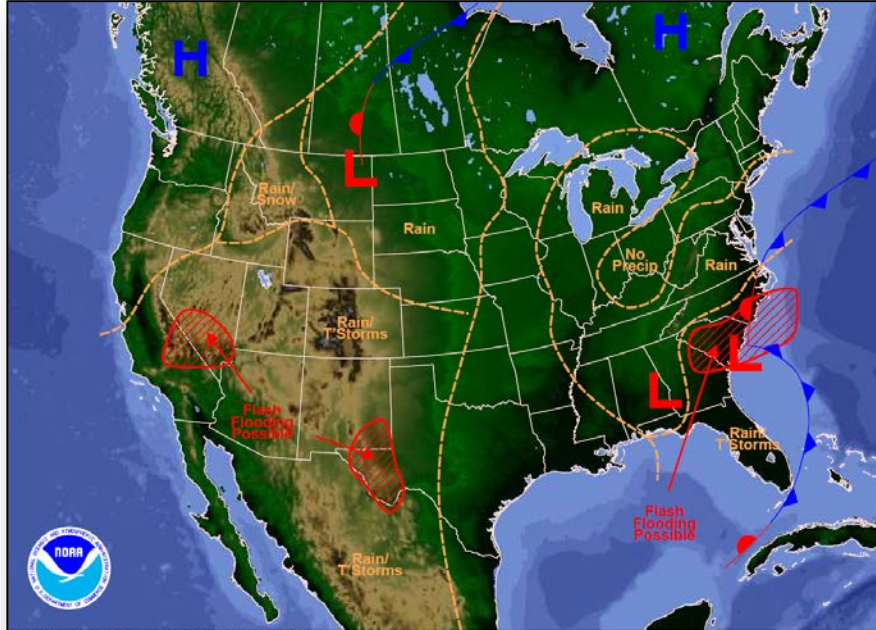
Central Pacific Outlook



Tropical Depression Eight-C Advisory #4 (As of 5:00 a.m. EDT)

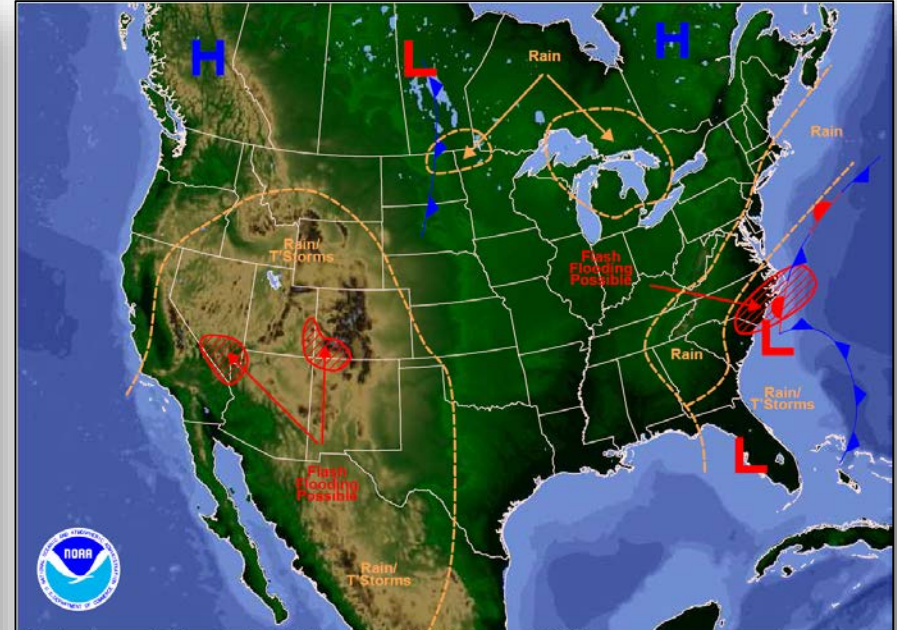
- Located 440 miles SSW of Johnston Island
- Moving ESE at 2 mph
- Forecast to turn WNW today with gradual increase in forward speed tonight and Mon
- Maximum sustained winds 30 mph
- Little change in intensity expected next 48 hours
- Forecasts to become post-tropical remnant low today
- No coastal watches or warnings in effect

National Weather Forecast



Weather Forecast for Sun, Oct 04, 2015, issued 4:48 AM EDT
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by McReynolds based on WPC, SPC and NHC forecasts

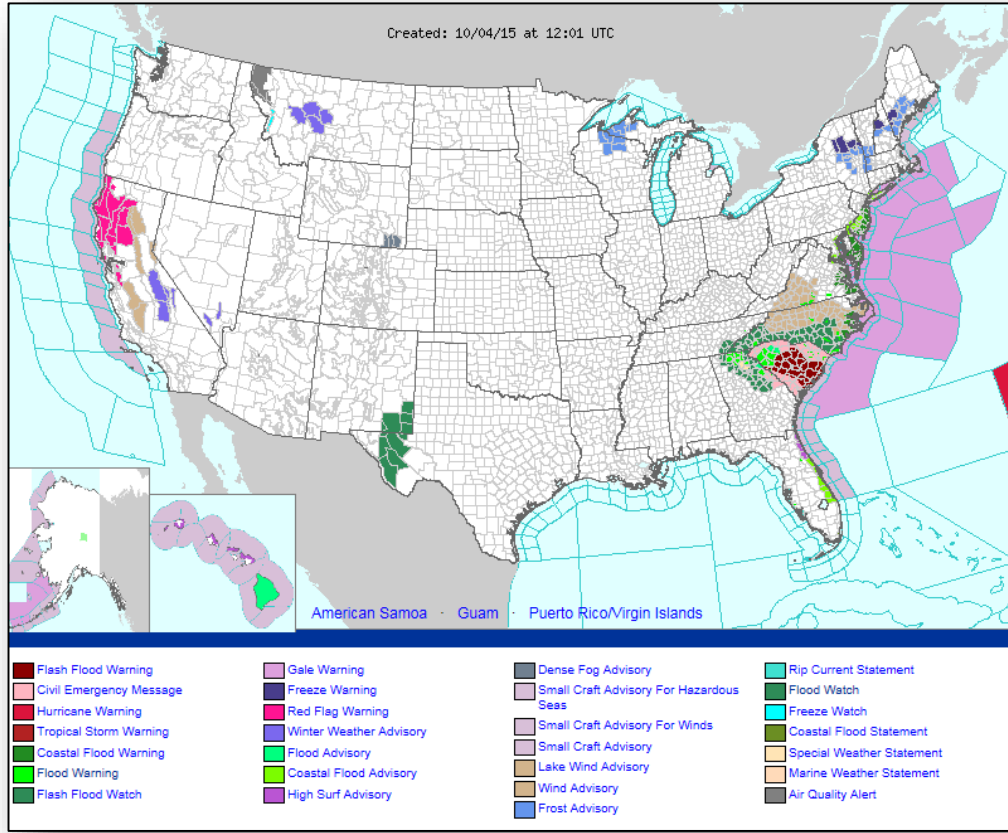
Today



Weather Forecast for Mon, Oct 05, 2015, issued 4:51 AM EDT Sun, Oct 04, 2015
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by McReynolds based on WPC, SPC and NHC forecasts

Tomorrow

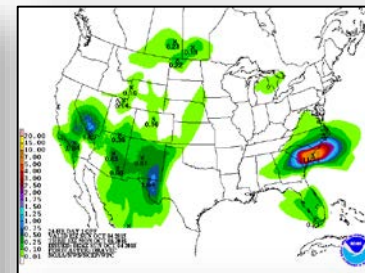
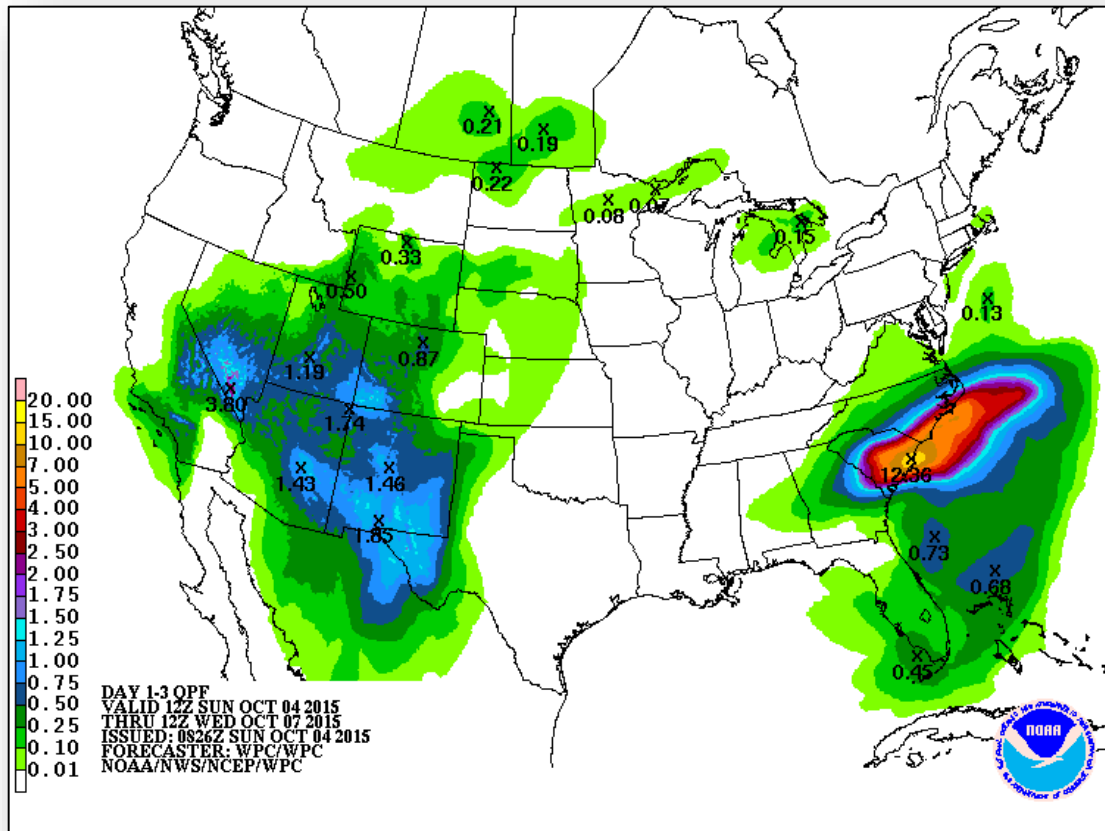
Active Watches/Warnings



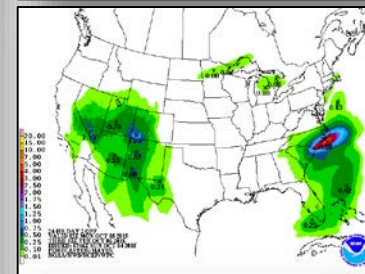
Precipitation Forecast, 1 – 3 Day



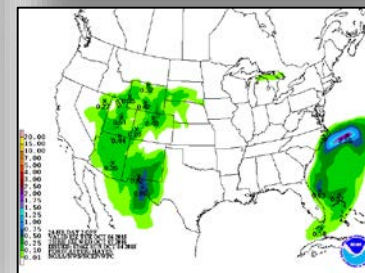
FEMA



Day 1

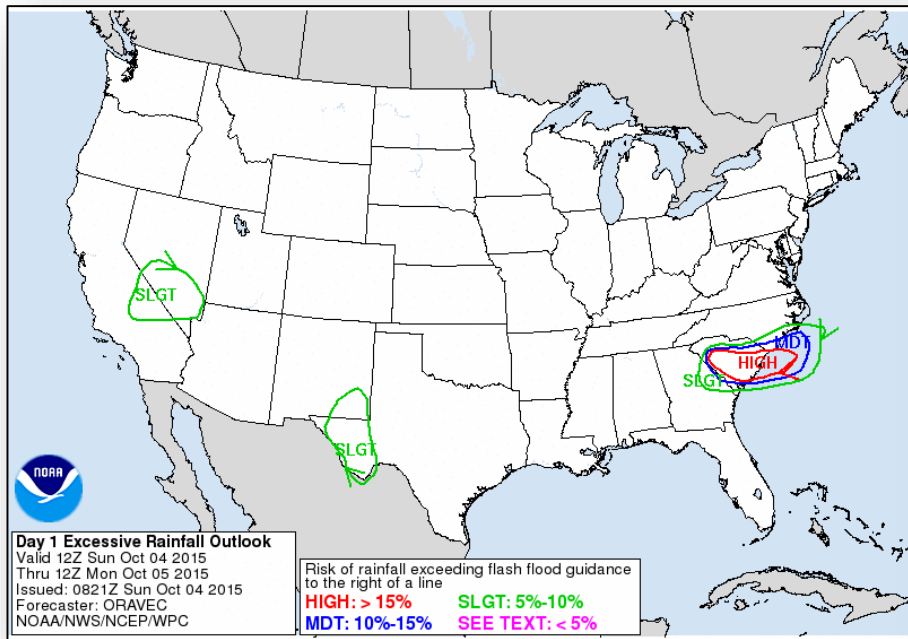


Day 2

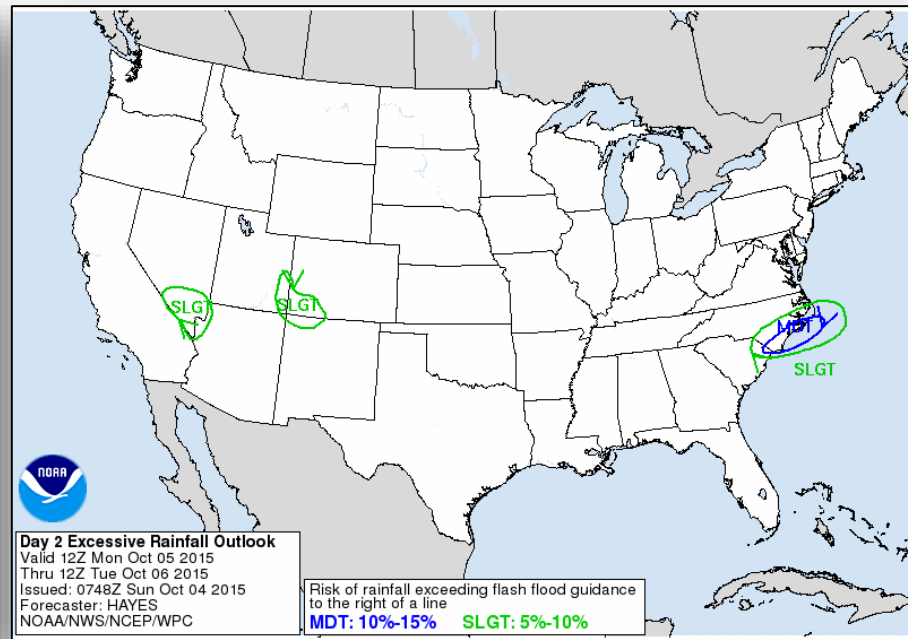


Day 3

Flash Flood Potential, Days 1 – 2



Day 1

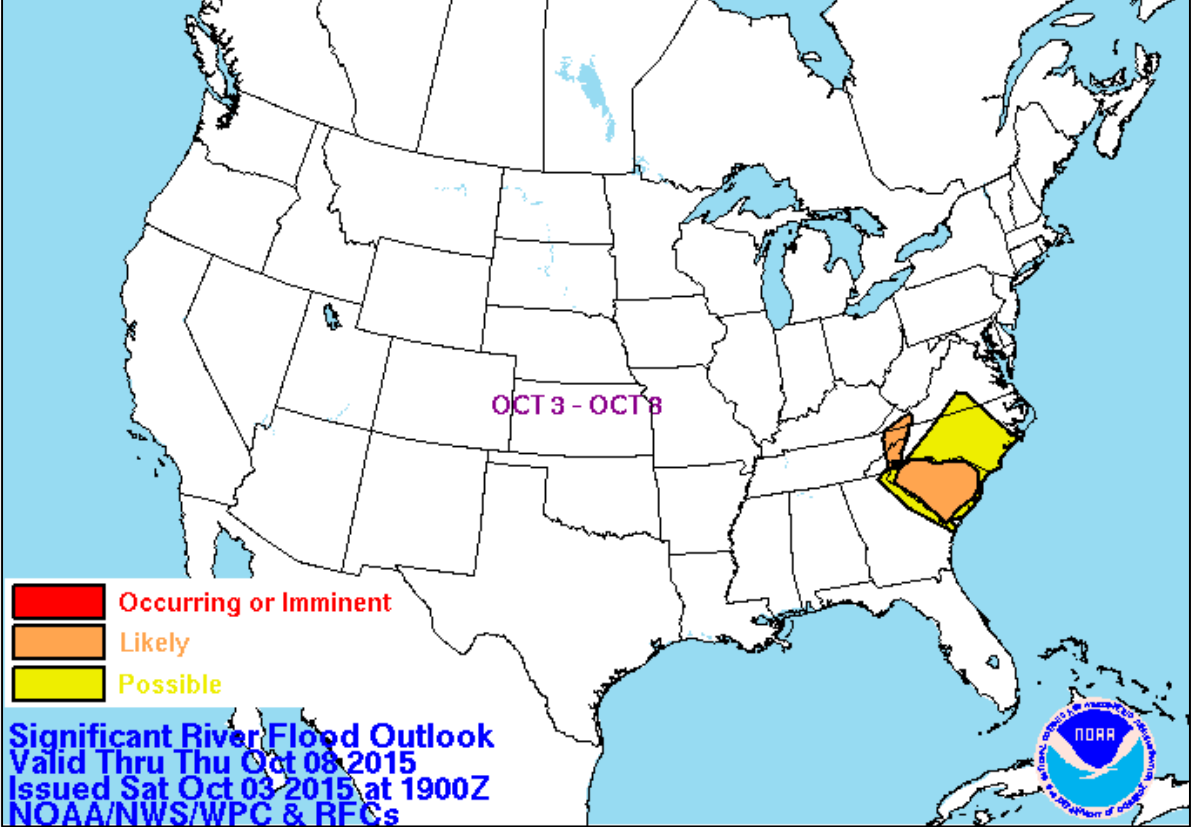


Day 2

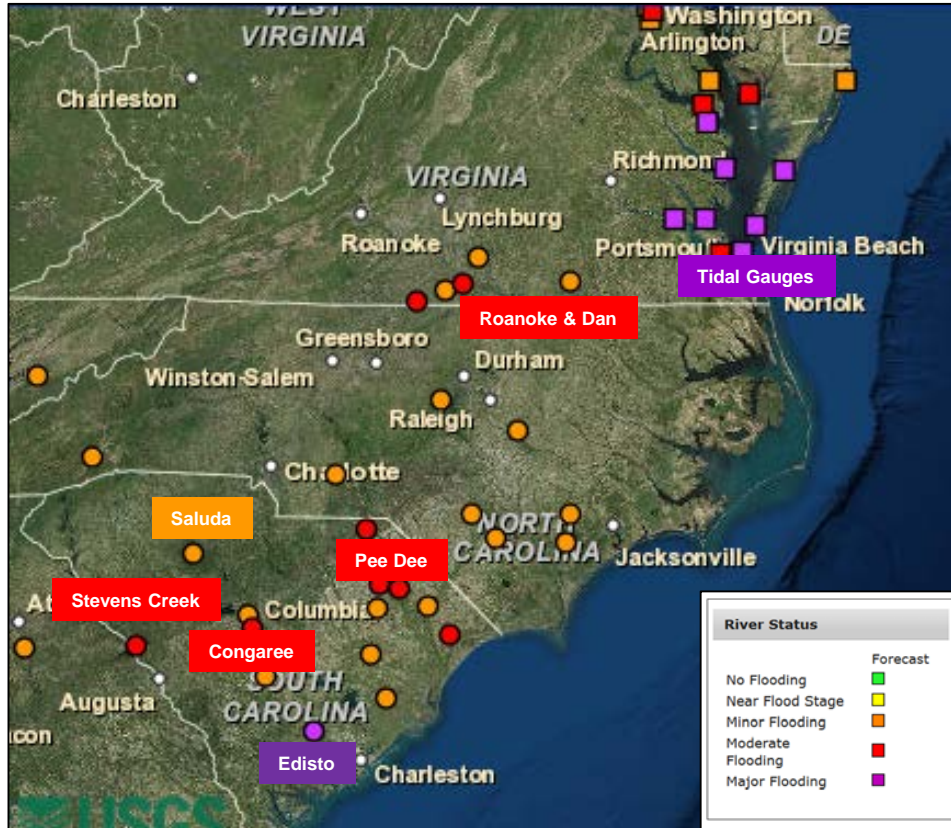
Significant River Flood Outlook



FEMA



Flood Forecast – Next 48 Hours



Overall Summary:

- Heavy rainfall in a short period of time will lead to significant, flash flooding with little or no notice
- Widespread areal flooding in SC and southeast NC
- Major coastal flooding likely for Lower Chesapeake Bay

Virginia:

- Minor to moderate river flooding along Roanoke and Dan Rivers; coastal beach erosion and flooding likely

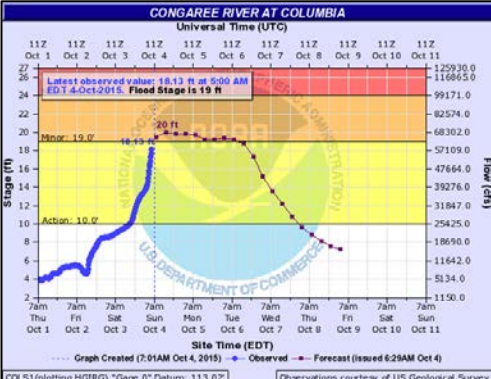
North Carolina:

- Impacts from river flooding expected to be minimal, excluding small streams and creeks in southeast part of State

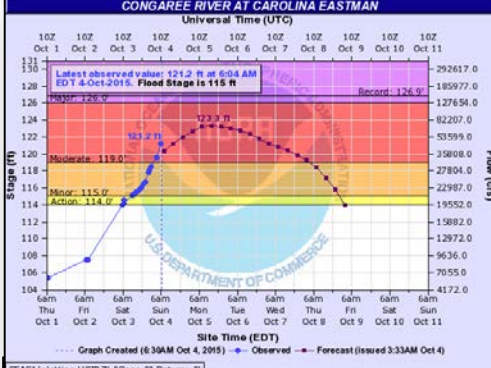
South Carolina:

- Moderate to major flooding continues across central and eastern parts of State, especially on smaller creeks and streams
- Significant river flooding along Congaree, Pee Dee, Santee, and Edisto

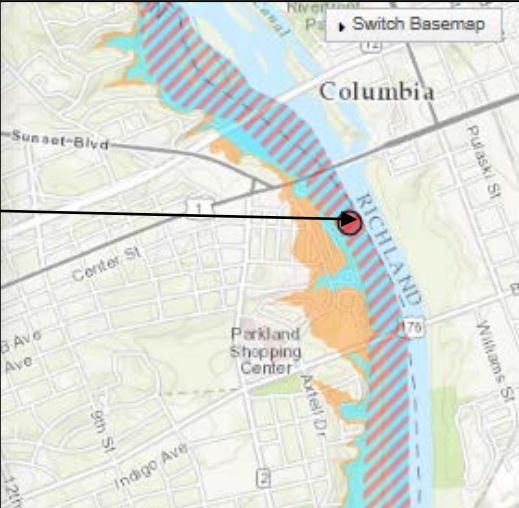
Congaree River – Columbia, SC



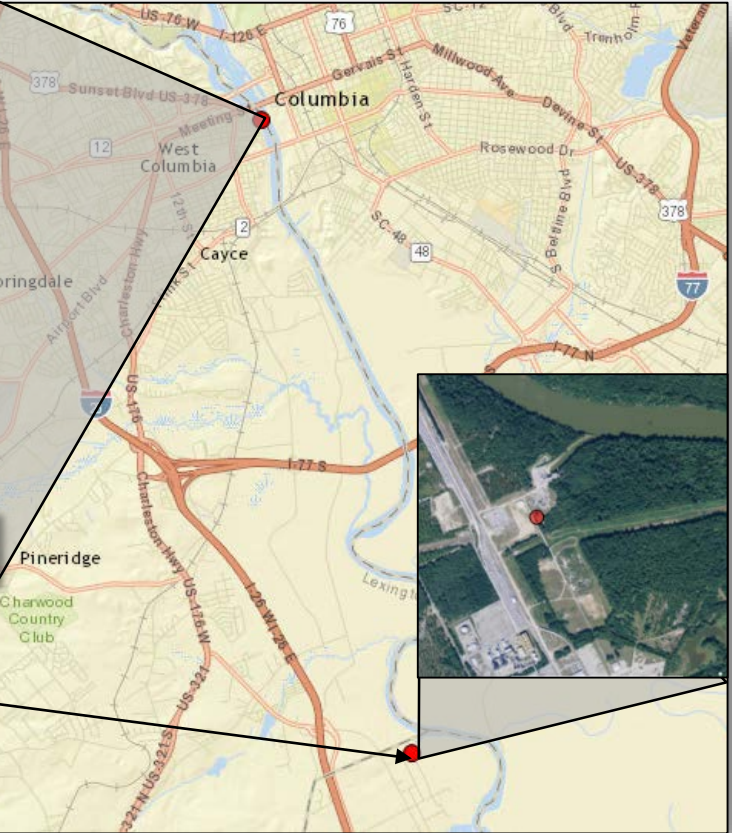
Potential Impacts:
 21': Extensive swampland/farmland
 24': SCE & G Columbia Canal Hydroelectric Plant at Gervais
 Street bridge becomes flooded



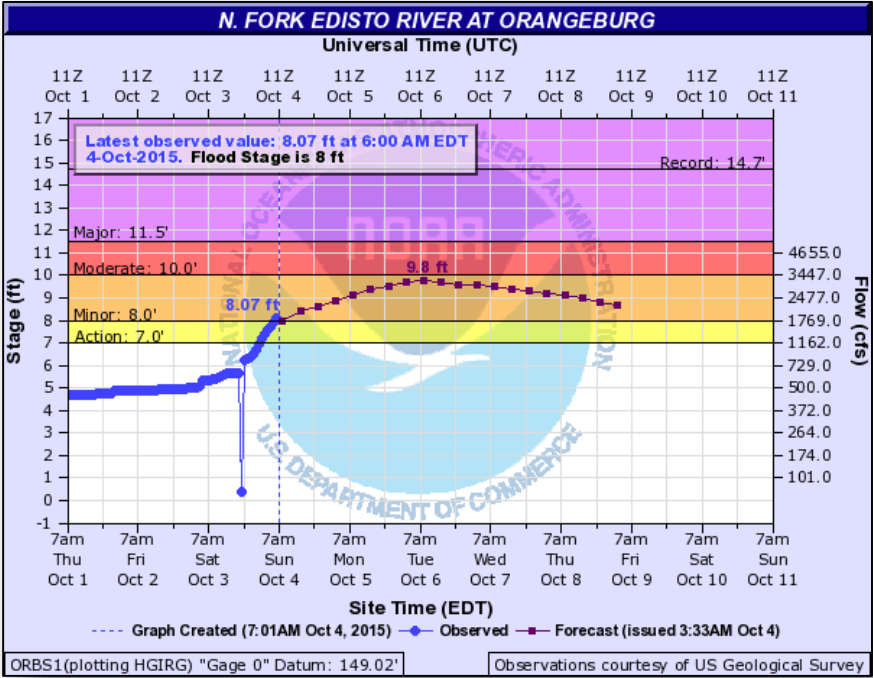
126': Water reaches the top of some dikes at the Carolina Eastman Facility
 131': The floor elevation of some major buildings on the Carolina Eastman Facility are flooded



Blue shading indicates potential flood inundation near Major Flood Stage (1% annual chance flood)



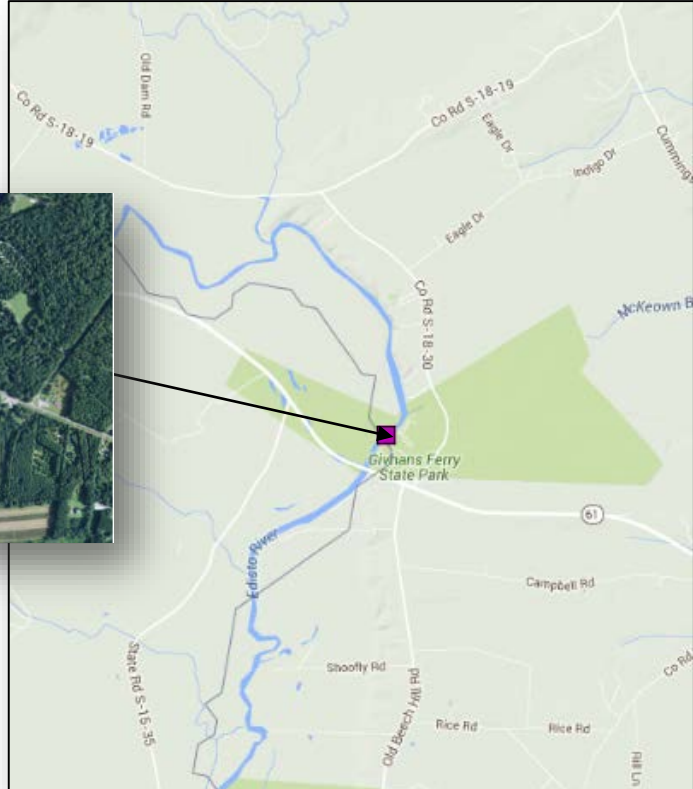
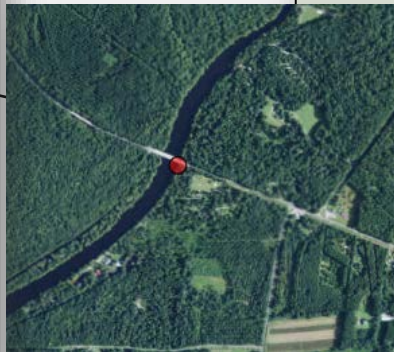
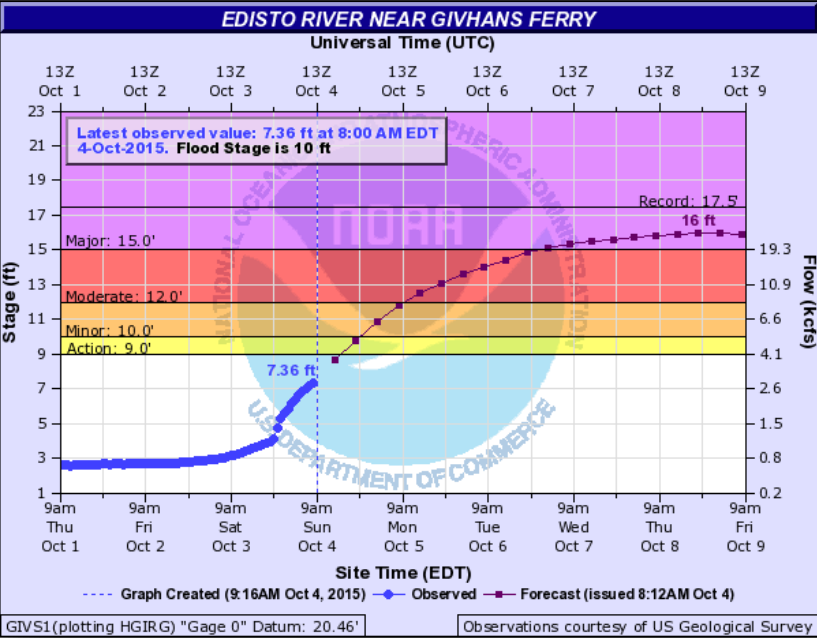
North Fork Edisto River – Orangeburg, SC



Blue shading indicates potential flood inundation near Major Flood Stage (1% annual chance flood)

Potential Impacts:
10': Farmland and lowlands along Highway 301 near Orangeburg become flooded
8': Some minor flooding occurs along the boardwalk at Edisto Gardens

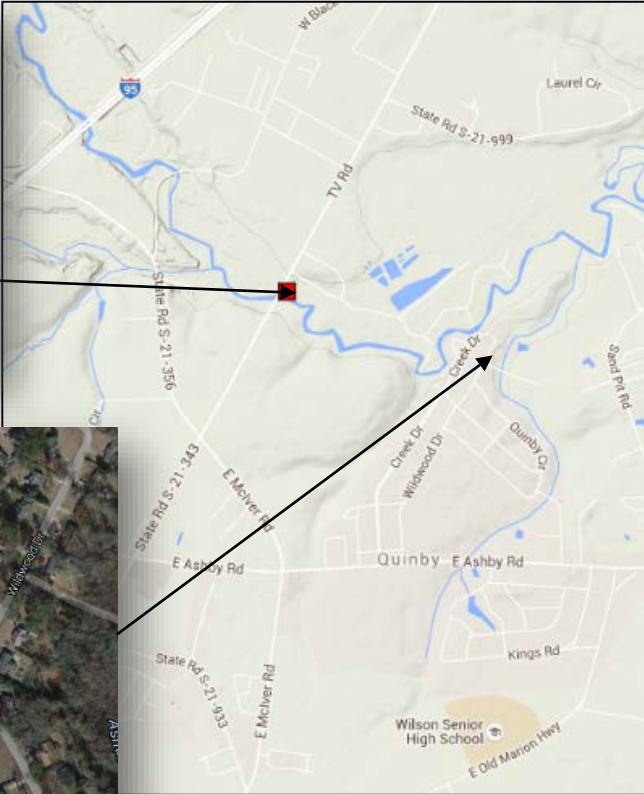
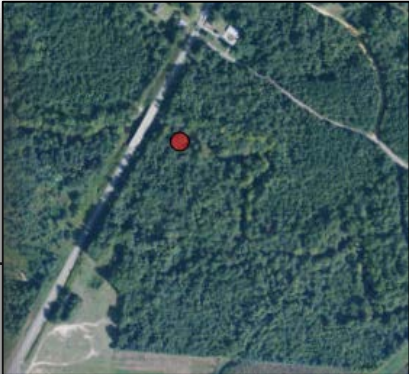
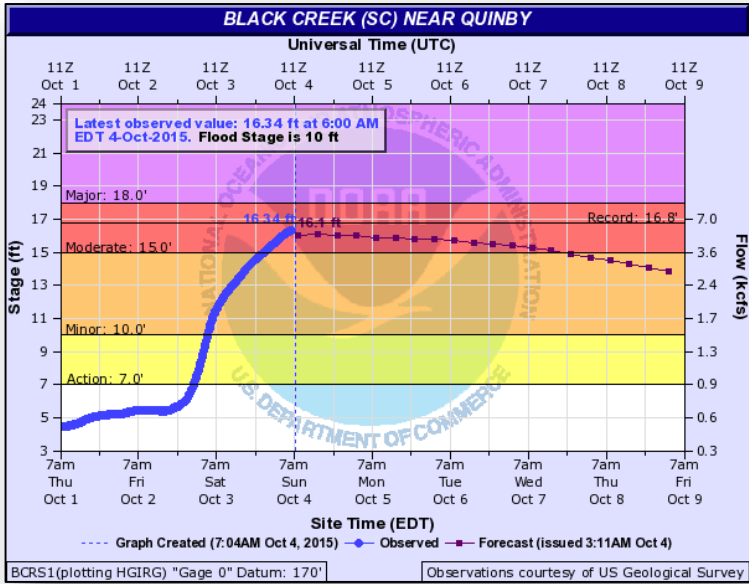
Edisto River – Givhans Ferry, South Carolina



Potential Impacts:

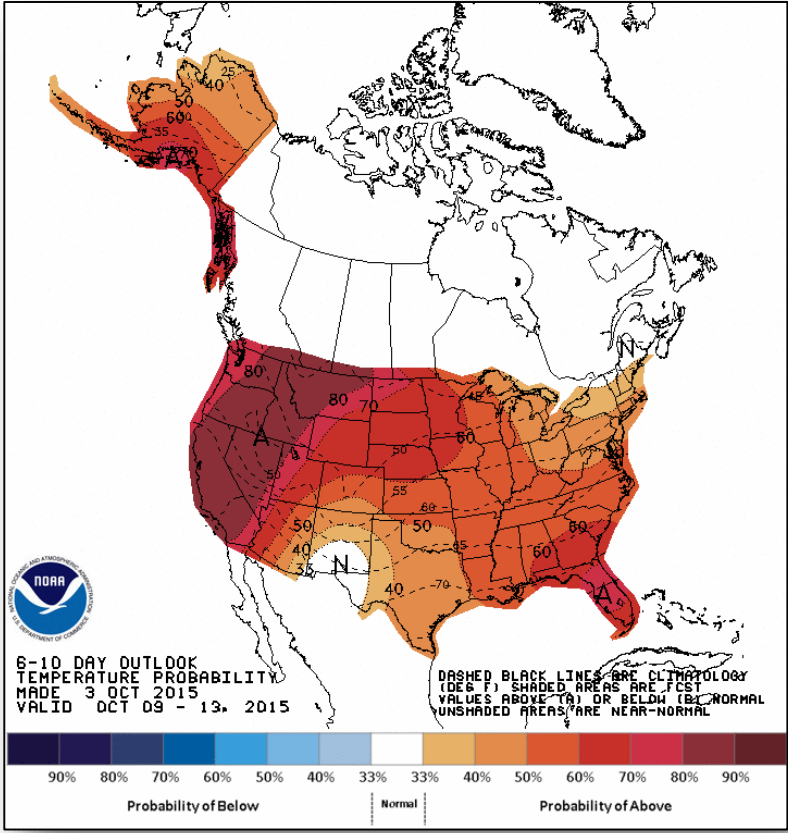
- 15': Extensive damage to homes and cabins in the area; river access roads impassable
- 14': Homes along the river are flooded
- 13': Canadays and Norman Landings are only accessible by boat

Black Creek River – Quinby, SC

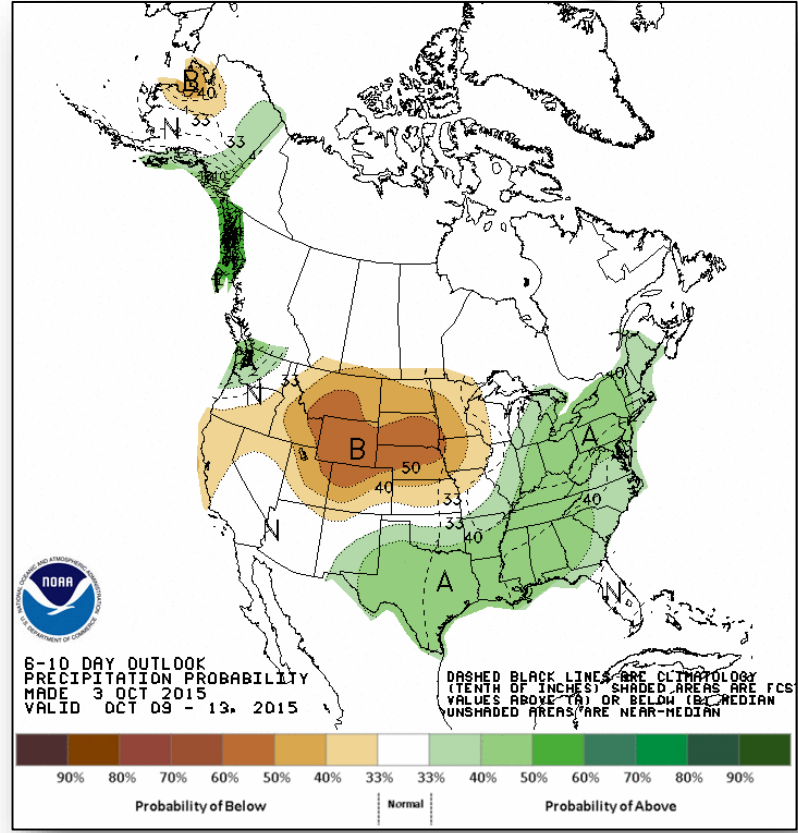


Potential Impacts:
 15': Floodwaters begin to affect approximately 20 homes on Creekside Drive, East Black Creek Road and Crooked Creek Drive

6-10 Day Outlooks



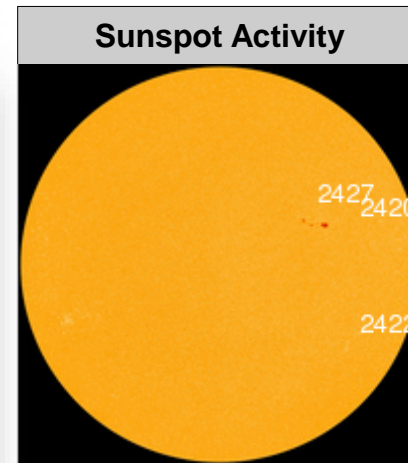
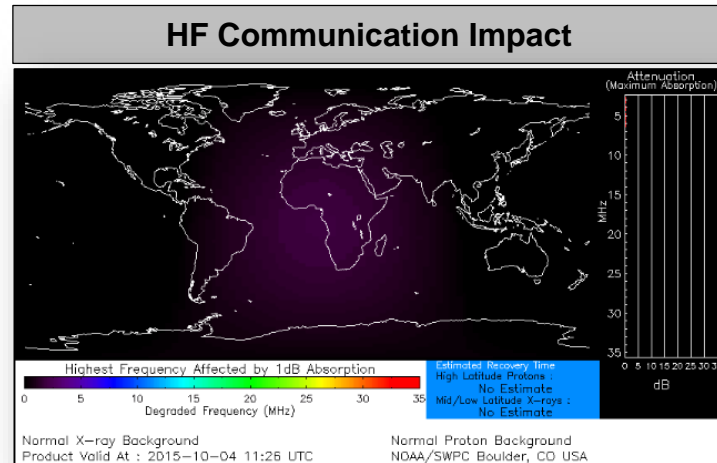
Temperature Probability



Precipitation Probability

Space Weather

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



Disaster Requests & Declarations



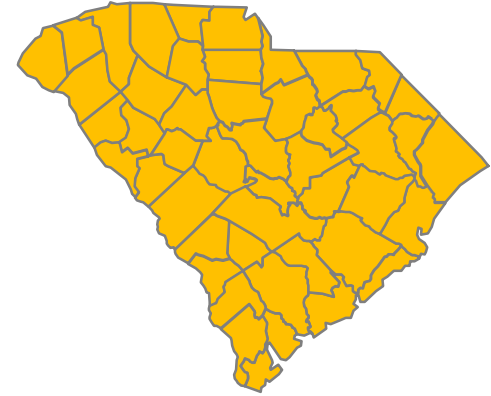
Declaration Requests in Process		Requests APPROVED (since last report)	Requests DENIED (since last report)
0	Date Requested	1	0
SC – EM for Severe Storms and Flooding	Oct 2, 2015	Oct 3, 2015	


Emergency Declaration Approved – SC



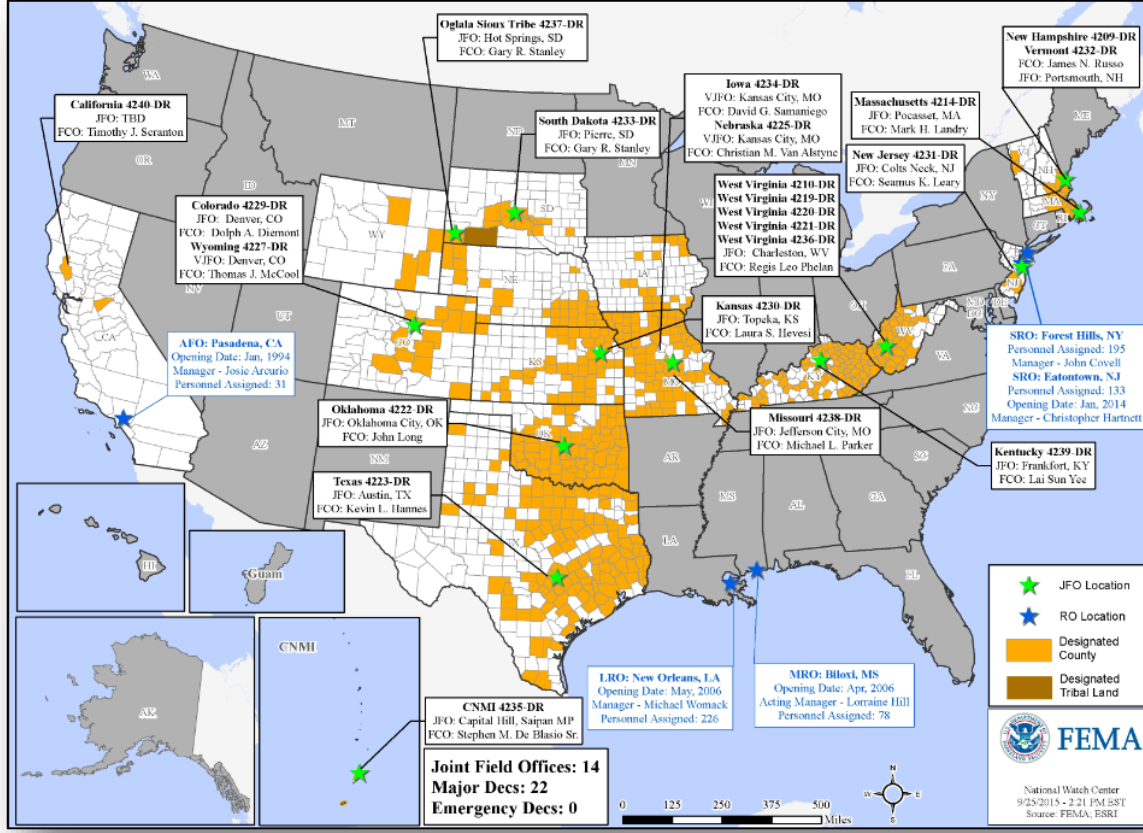
FEMA-3373-EM-SC

- Emergency Declaration approved October 3, 2015 for State of South Carolina
- For severe storms and flooding that occurred October 1, 2015 and continuing
- Provides:
 - Emergency protective measures (Category B) limited to direct federal assistance, at 75 percent federal funding for all 46 counties and Catawba Nation



 Approved counties and Catawba Indian Nation

Open Field Offices as of October 4



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	12	34%	0	1	22		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	5	56%	0	0	4																		
US&R		28	25	89%	1	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 Returned to Green/Available	<ul style="list-style-type: none"> Green = Available/FMC Yellow = Available/PMC Red = Out-of-Service Blue = Assigned/Deployed 																
National IMAT		3	3	100%	0	0	0		<ul style="list-style-type: none"> Green: 3 avail Yellow: 1-2 avail Red: 0 avail (<i>Individual N-IMAT red if 50% of Section Chiefs and/or Team Leader is unavailable for deployment.</i>) 																
Regional IMAT		13	4	30%	1	0	8	Deployed: 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"> Green: 7 or more avail Yellow: 4 - 6 teams available Red: > 8 teams deployed/unavailable R-IMAT also red if TL Ops/Log Chief is unavailable & has no qualified replacement																
MCOV		59	12	20%	0	10	37	10 MCOVs deployed to CA 10 en route (7 to Frederick, 3 to Fort Bragg) 17 unit prep (8 Frederick, 9 Thomasville)	<ul style="list-style-type: none"> Green = 80 – 100% avail Yellow = 60 – 79% avail Red = 59% or below avail Readiness remains 95% 																

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) for East Coast flooding	<ul style="list-style-type: none"> • Green = FMC • Yellow = PMC • Red = NMC
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 III – Enhanced Watch (day shift) Region IV – Enhanced Watch (night shift) Region IX – Enhanced Watch (24/7)	



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.