

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

Monday, October 10, 2016

8:30 a.m. EDT

Significant Activity – Oct 8 - 10



Significant Events: Post-Tropical Cyclone Matthew (FINAL)

Tropical Activity:

- Atlantic – Tropical Storm Nicole
- Eastern Pacific – Disturbance 1 – Low (30%); Disturbance 2 – Low (20%)
- Central Pacific – Disturbance 1 – Low (20%); Disturbance 2 – Low (10%)
- Western Pacific – No tropical cyclone activity affecting U.S. interests

Significant Weather:

- Rain and thunderstorms – Central Great Basin and Central Rockies, Southwest, Southern/Central Plains, Middle Mississippi Valley
- Rain – Portions of the Pacific Northwest, Upper Mississippi Valley & Florida
- Rain and snow – Northern/Central Rockies, Northern Plains
- Heavy snow – Northern Rockies and Northern Plains and Central Great Basin
- Critical Fire Weather – WY
- Red Flag Warnings – SD & WY
- Space weather – Past 24 hours – none observed; next 24 hours – none predicted

Earthquake Activity: No significant activity

Declaration Activity:

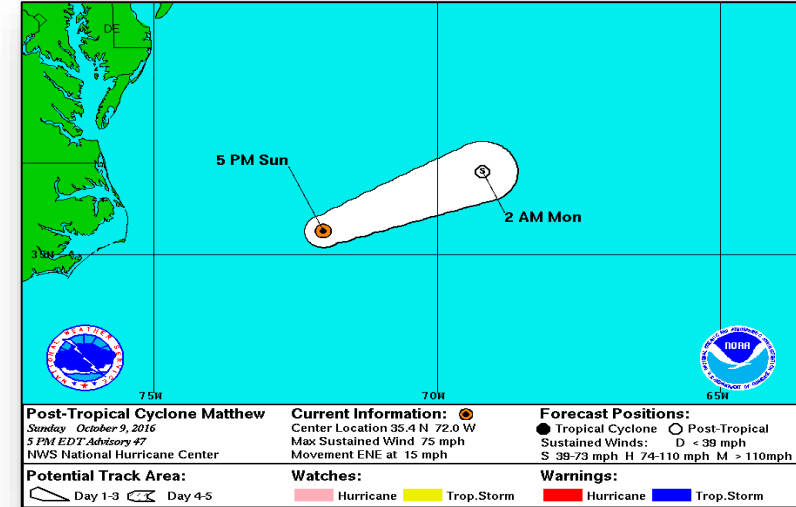
- Major Disaster Declaration request - NC

Post-Tropical Cyclone Matthew - FINAL



Post-Tropical Cyclone Matthew (Advisory #47 as of 5:00 p.m. EDT) **FINAL**

- Located 200 miles E of Cape Hatteras, NC
- Moving ENE at 15 mph
- A motion ENE or E expected to continue
- Maximum sustained winds 75 mph
- Weakening expected tonight, to be absorbed within frontal boundary on Monday
- Hurricane force winds extend 90 miles; tropical storm force winds extend 240 miles
- All Tropical Storm Warnings have been discontinued
- This is the last public advisory issued for Matthew

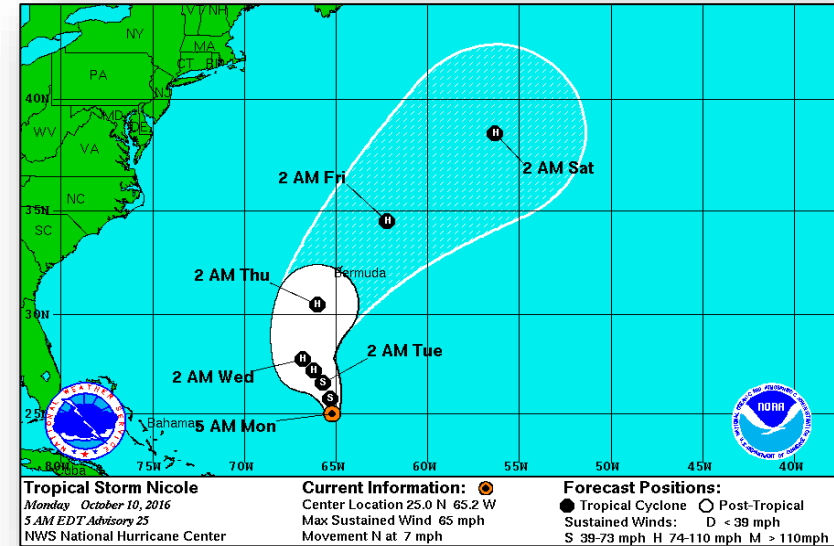


Tropical Outlook – Atlantic



Tropical Storm Nicole (Advisory 25, as of 5:00 a.m. EDT)

- Located 505 miles S of Bermuda
- Moving N near 7 mph
- Maximum sustained winds 65 mph
- Gradual strengthening is forecast to begin tonight and continue into Tuesday
- Nicole is expected to become a hurricane again by Tuesday
- Tropical storm force winds extend 205 miles
- No coastal watches or warnings in effect



Tropical Outlook – Eastern Pacific

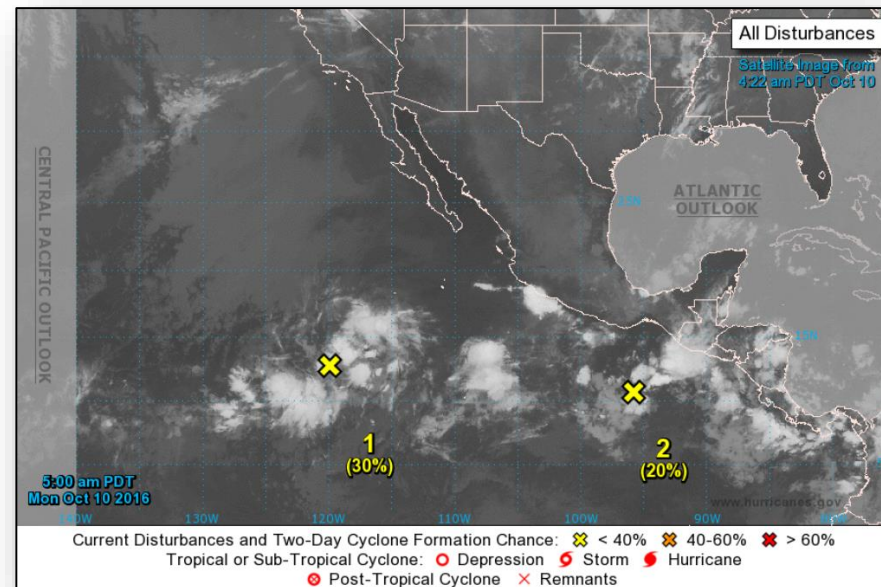


Disturbance 1 (as of 8:00 a.m. EDT)

- Located several hundred miles SSW of southern tip of Baja California peninsula
- Moving WNW to NW
- Expected to gradually consolidate next couple of days
- Tropical depression likely to form later this week
- Formation chance through 48 hours: Low (30%)
- Formation chance through 5 days: High (70%)

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

- Located a couple hundred miles S of Gulf of Tehuantepec
- Moving WNW
- Conditions expected to generally be conducive for development
- Tropical depression likely to form later this week
- Formation chance through 48 hours: Low (20%)
- Formation chance through 5 days: High (80%)



Tropical Outlook – Central Pacific

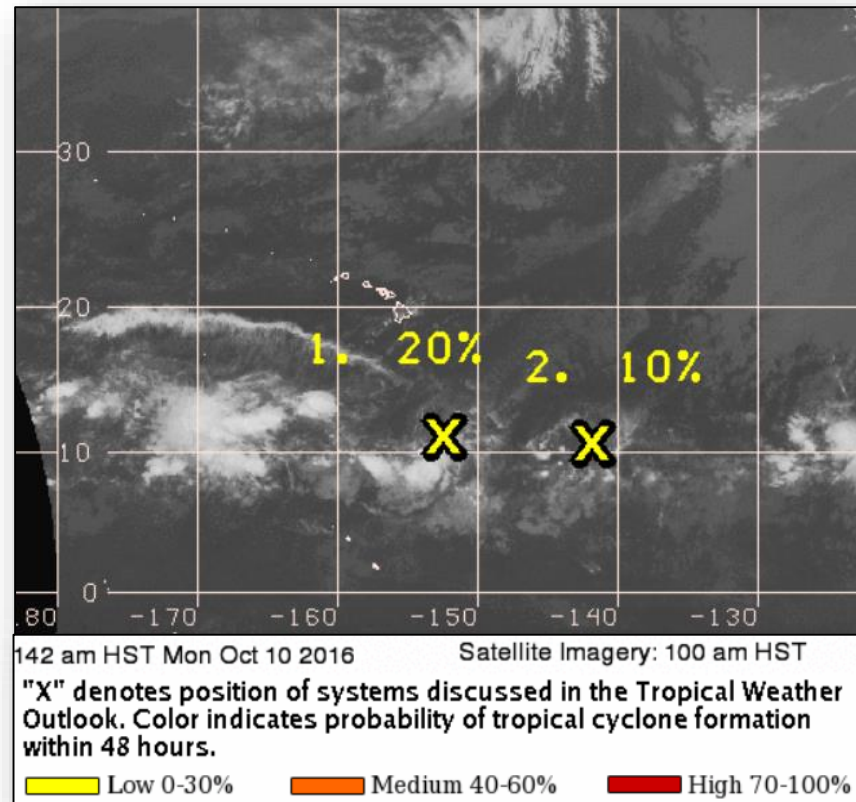


Disturbance 1 (as of 8:00 a.m. EDT)

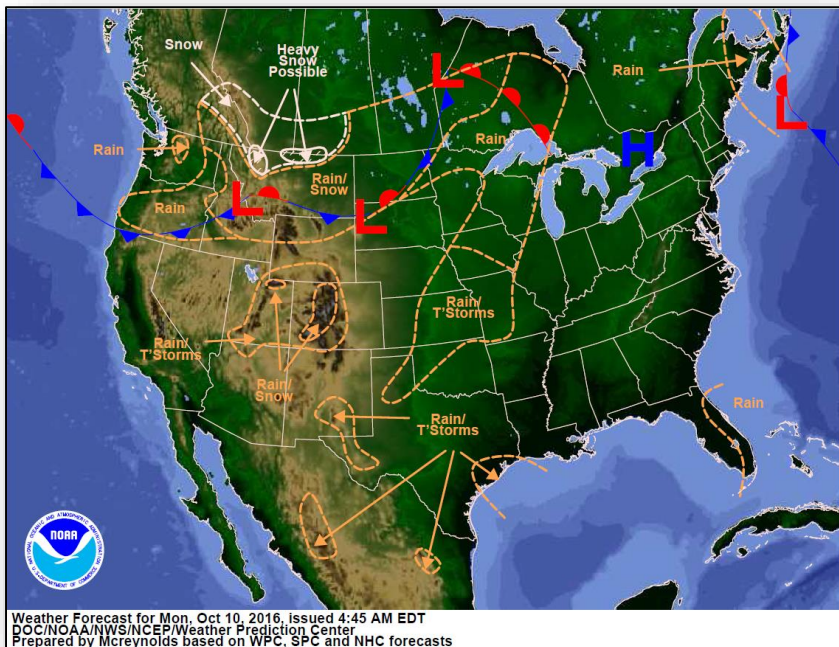
- Located 650 miles SSE of Hilo, HI
- Moving W at 10 mph
- Development, if any, will be slow to occur over next several days
- Formation chance through 48 hours: Low (20%)

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

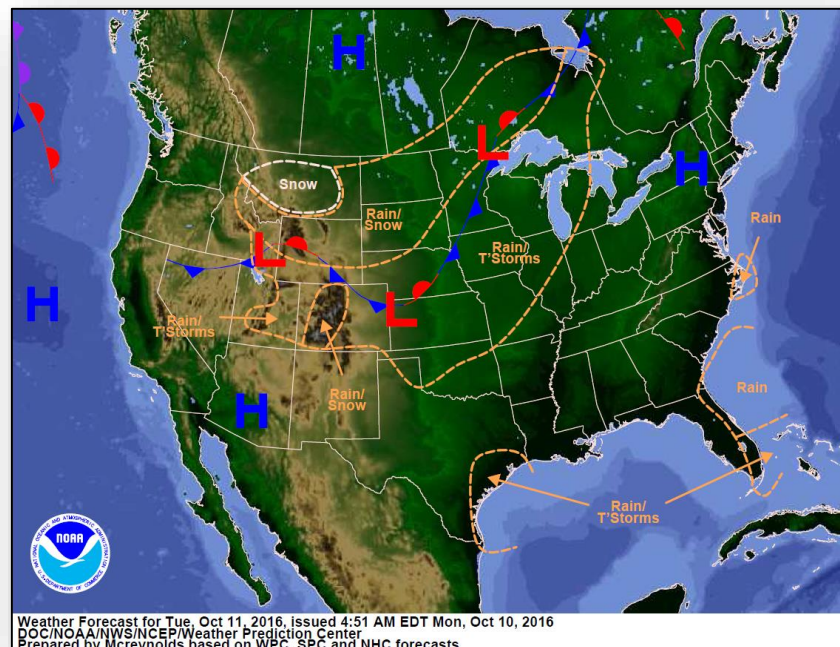
- Located 1,000 miles ESE of Hilo, HI
- Moving W at 10 mph
- Some slow development possible over next couple of days
- Formation chance through 48 hours: Low (10%)



National Weather Forecast



Today

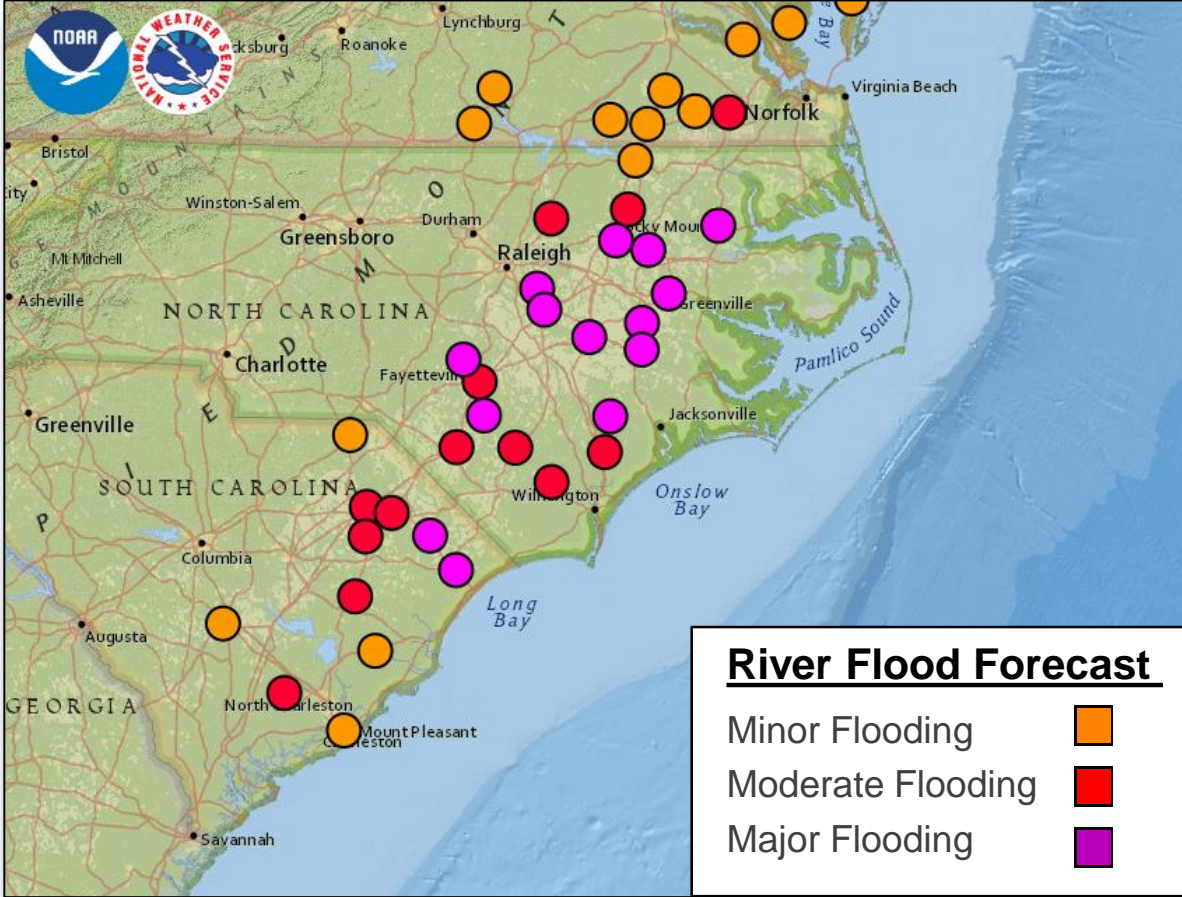


Tomorrow




River Basins of Greatest Concern



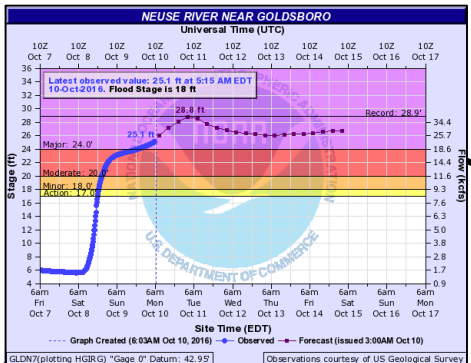
Flash Flood and River Flood Outlooks



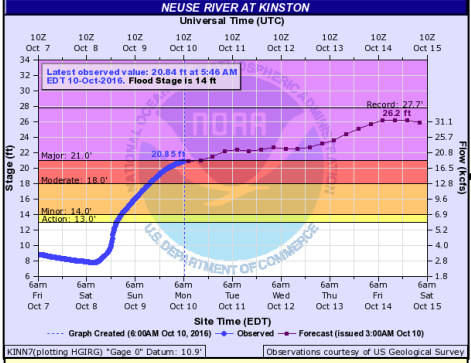
River Flood Forecast

- Minor Flooding 
- Moderate Flooding 
- Major Flooding 

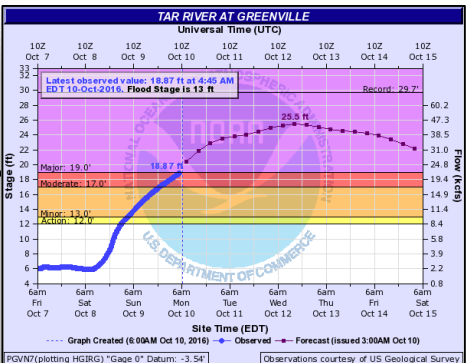
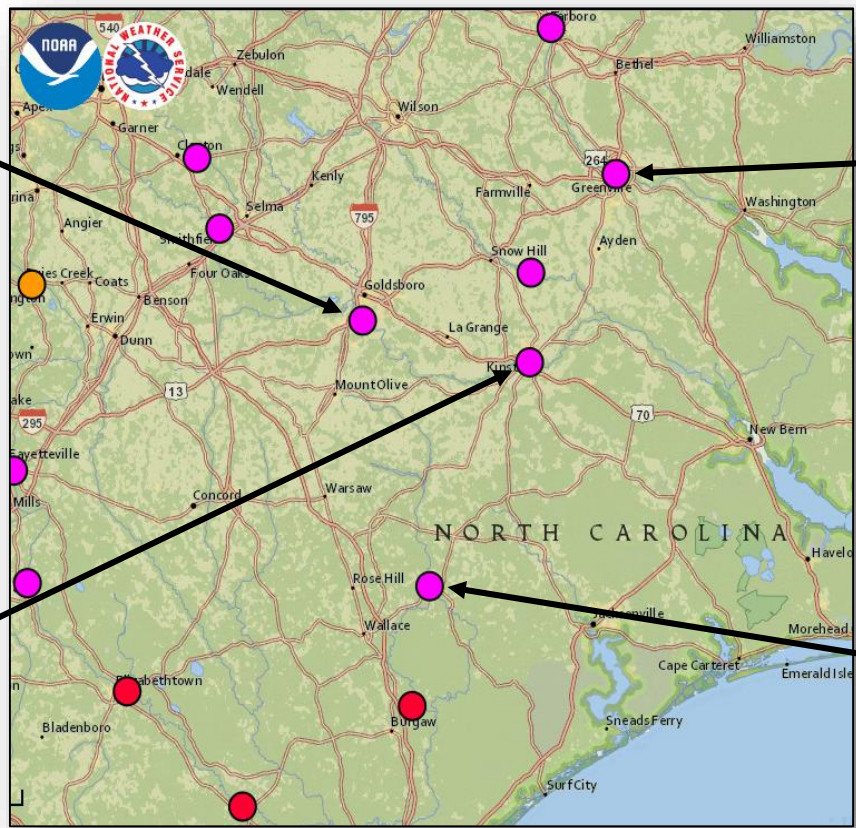
North Carolina River Flood Outlooks



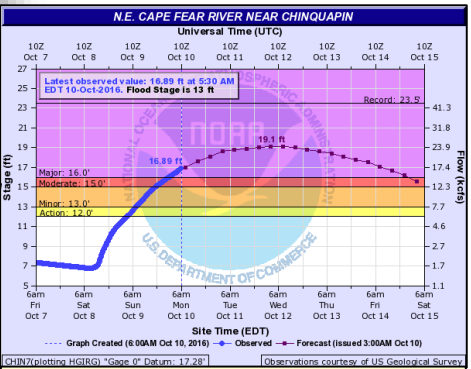
At 22 feet, evacuation of homes, flooding begins on Seymour Johnson Air Force Base.



At 23 feet, evacuation of residents southeast of Kinston, homes and businesses flooded.

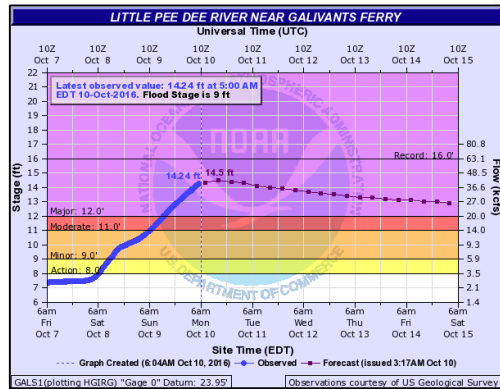
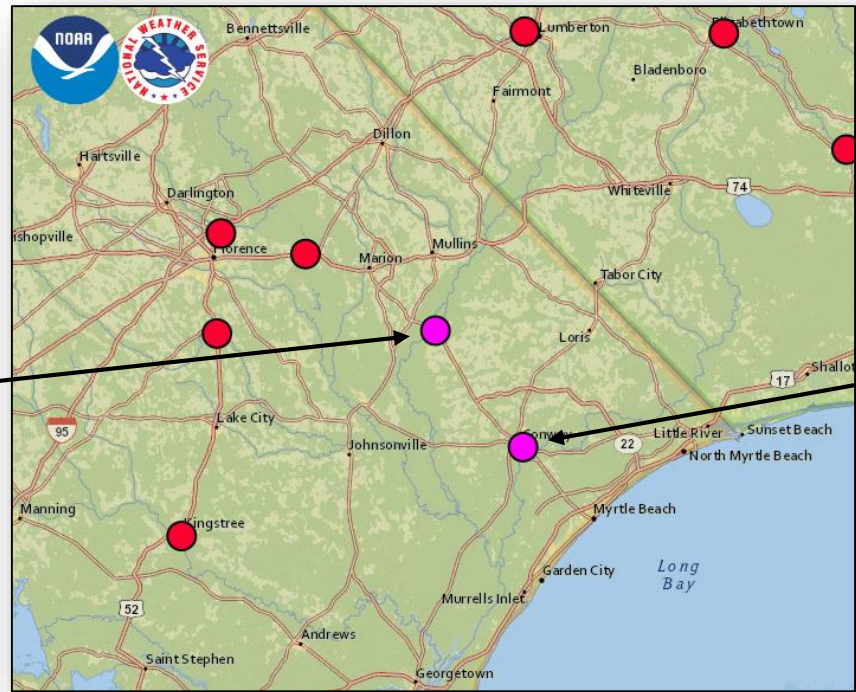


At 24 feet, severe flooding, numerous homes near river will flood countywide.

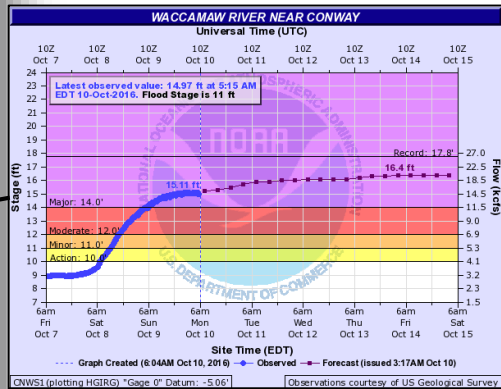


At 18 feet, evacuations of residents near the river.

South Carolina River Flood Outlooks

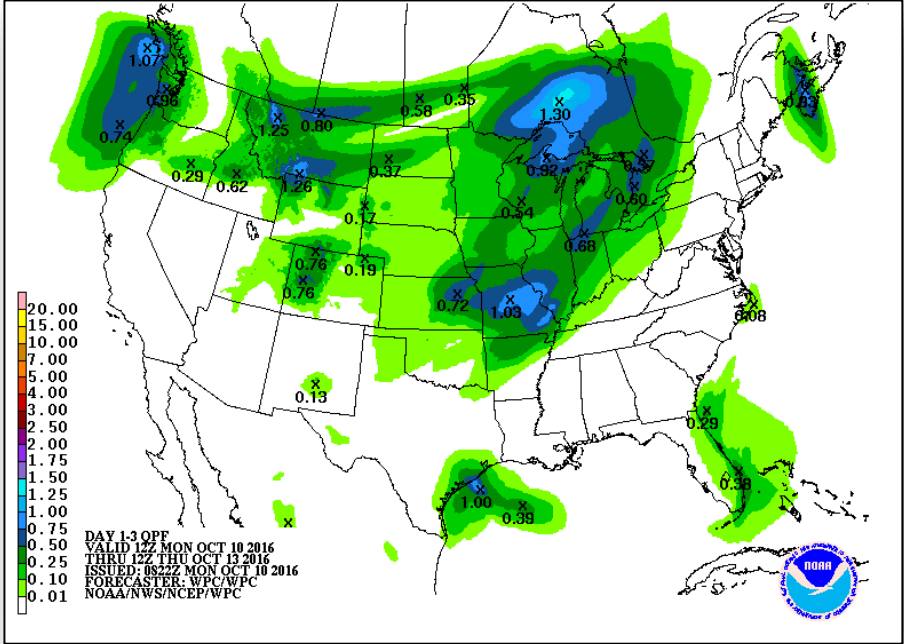


At 12 feet, flood waters affect homes in Fork Retch

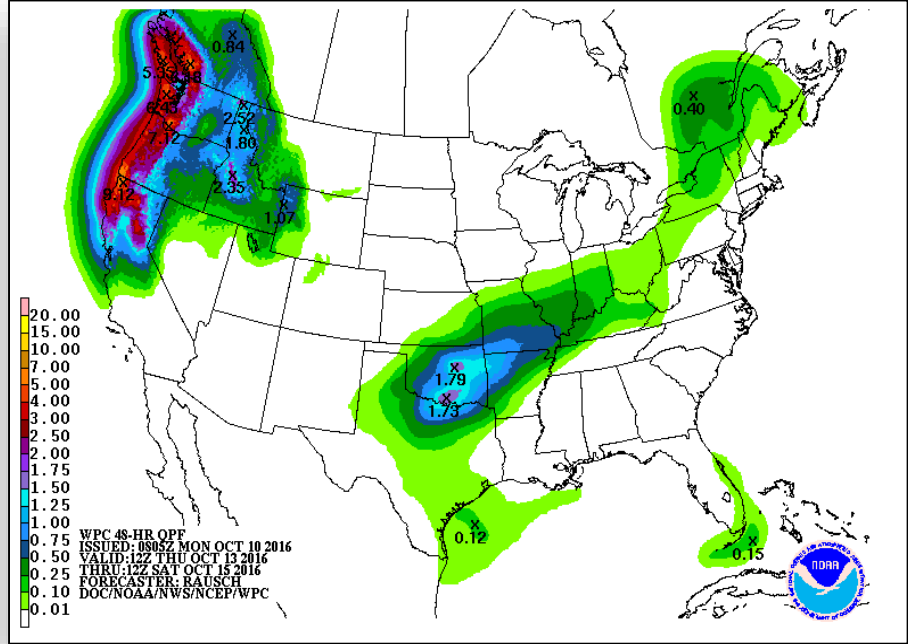


At 15 feet, residential flooding.

Cumulative Precipitation Forecast



Days 1 - 3



Days 4 - 5

Post-Tropical Cyclone Matthew – Impacts



Impacts/Critical Infrastructure

- 16 confirmed fatalities: 2 in FL, 9 in NC, 1 in SC and 4 in GA
(RIV-update, 7:30 p.m. EDT, Oct 10th)
- Numerous road closures throughout FEMA Region IV
- All regionally significant bridges have reopened; many bridges on state routes throughout the region are still actively being inspected
- Public transportation in the Southeast has resumed normal schedules with a few exceptions
- 715 cellular sites are inoperable across FL, GA and SC
- Ports along the east coast are reopening while some remain closed; assessments are ongoing
- All major / international airports are open

Impacted State	Power Outages Oct 10 th 5:00 a.m. EDT (ESF-06)	Change from October 9 Outages
Florida	308,310	-163,238
Georgia	205,069	-1,932
South Carolina	684,591	-163,935
North Carolina	666,997	-2,176
Virginia	110,620	-150,307
Total	1,975,587	

Impacted State	Cellular Tower Outages: Impacted Counties Only as of 5:00 a.m. EDT (ESF 2)	Change from October 9 Outages
Florida	2%	-2%
Georgia	45%	+7%
South Carolina	48%	+33%
Total	9.5%	+2.3%

**Note: Customer outage data is provided by the Department of Energy's EAGLE-I system. Comprehensive National coverage of all electrical service providers is not available.*

Post-Tropical Cyclone Matthew - Response



Florida: FEMA-3277-EM-FL / FEMA-4283-DR-FL

- EOC remains at Full Activation
- Mandatory evacuations for 2 counties, Indian River & Volusia (pop. 642k)
- **Shelters: 21 (-51) open with 424 (+80) occupants***
- **US&R FL-TF1 and FL-TF2 released from Florida (State Asset)**

Georgia: FEMA-3379-EM-GA / FEMA-4284-DR-GA

- EOC remains at Full Activation
- Mandatory evacuations for 6 coastal counties
- **Shelters: 19 (-15) open with 2,832 (-1,669) occupants****

South Carolina: FEMA-3378-EM-SC

- EOC remains at Full Activation
- **Three hospitals (Hilton Head Regional Med Ctr, Williamsburg Co Hospital, Coastal Carolina Hospital) remain closed**
- Mandatory evacuations for 8 coastal counties; over 175k evacuated
- **Shelters: 41 (-20) open with 1,769 (-2,573) occupants***

North Carolina: FEMA-3380-EM-NC

- EOC at Full Activation (Level I)
- Evacuations: Mandatory for Cape Lookout; voluntary for Pender County
- **Four Swift Water Rescue Teams and three US&R Team activated**
- **Shelters: 71 (-9) open with 1,821 (-2,250) occupants***

FEMA Region IV:

- RRCC: Level I (24/7); RWC: Watch/Steady State
- IMAT-1 deployed to NC EOC
- IMAT-2 deployed to FL EOC
- LNOs deployed to FL, NC, SC & GA EOC's
- Hurricane Liaison deployed to National Hurricane Center
- Region IV DCE deployed to FL

Post-Tropical Cyclone Matthew - Response



FEMA HQ:

- [NRCC: Transitioned to Level II \(24/7\), with select ESFs and Liaison Officers, on October 9](#); NWC: Watch/Steady State
- National IMAT-West deployed to FL EOC
- National IMAT-East 1 deployed to Atlanta, GA
- National IMAT-East 2 deployed to LA (previous event)
- [Region I IMAT deploying to Raleigh, NC](#)
- Region V IMAT deployed to SC EOC; Region V DCE deployed to GA
- Region IX IMAT-2 deployed to SC EOC
- Region VIII DCE deployed to SC

Logistics Management and Resource Support

- ISB Staging Areas established in Albany, GA & Fort Bragg, NC; Staging Area at Fort A.P. Hill, VA closed
- Logistics Staging Area (LSA) staffed/operational at North Field State, SC
- Millions of commodities delivered; no unmet state requirements

US&R activated/deployed the following assets:

- Federal Search & Rescue Coordination Group and Blue IST and cache deployed to Dobbins AFB, Atlanta, GA
- [Forward Operations Cells of the US&R Incident Support Team and US&R liaisons are positioned in FL, GA, SC and NC](#)
- [OH TF-1, NJ TF-1, and NY TF-1 are engaged in swift water rescues in North Carolina;](#)

FEMA Disaster Communications supporting deployed teams and staging area locations:

- 85 MERS personnel deployed from all 6 detachments (10 Bothell; 19 Denton; 1 Denver; 22 Frederick; 6 Maynard; 27 Thomasville)
- 19 Mobile Communication Vehicles (MCOV) deployed
- 98 vehicles/trailers, including 6 Mobile Emergency Operational Vehicles (MEOV) and 5 Emergency Operational Vehicles (EOV) deployed

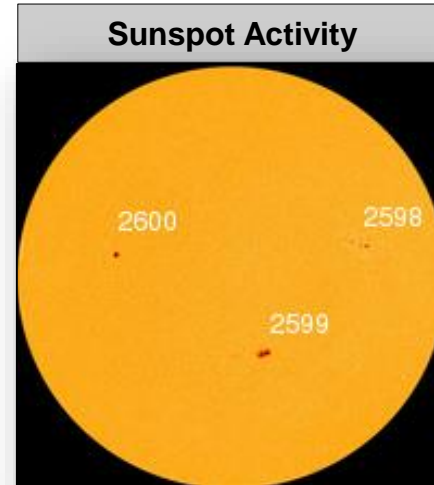
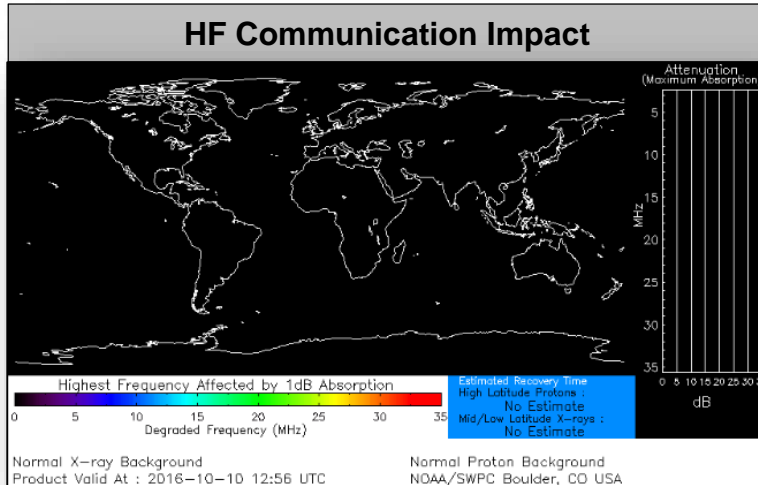
Field Operations Division:

- Reception, Staging, Onward Movement, Integration (RSOI)/Mobilization Center in Atlanta, GA
- [42 \(-11\) FEMA Corps teams \(336 members\) committed to support hurricane operations](#)
- [2,344 personnel committed, 367 additional personnel requested to support hurricane operations](#)

Space Weather

	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>



Joint Preliminary Damage Assessments



Region	State / Location	Event	IA/PA	Number of Counties		Start – End
				Requested	Complete	
V	Wisconsin	Severe Storms and Flooding September 21 – 22, 2016	PA	12	12 (+12)	10/4 – 10/7
	Minnesota	Severe Storms and Flooding September 21 – continuing, 2016	IA	4	0	10/10 – TBD
			PA	9	0	10/10 – TBD
VII	Iowa	Severe Storms and Flooding September 21 – October 3, 2016	IA	9	9	9/29 – 10/3
			PA	18	0	10/12 – TBD
X	Alaska	Kotlik Structure Fire August 18, 2016	PA	1	0	10/4 – TBD

Disaster Requests & Declarations



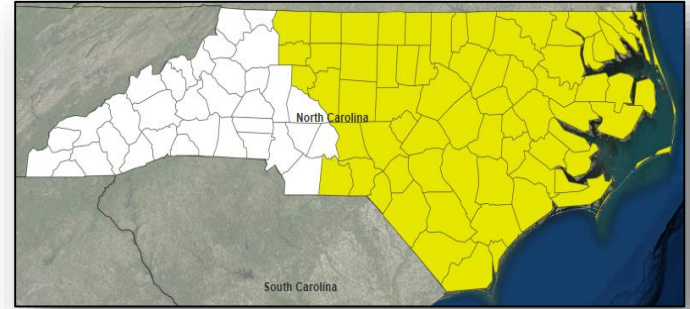
Declaration Requests in Process		Requests APPROVED (since last report)	Requests DENIED (since last report)
2	Date Requested	0	0
Navajo Nation – DR Severe Storms and Flooding	September 21, 2016		
North Carolina – DR Hurricane Matthew	October 9, 2016		

Major Disaster Declaration Request - NC

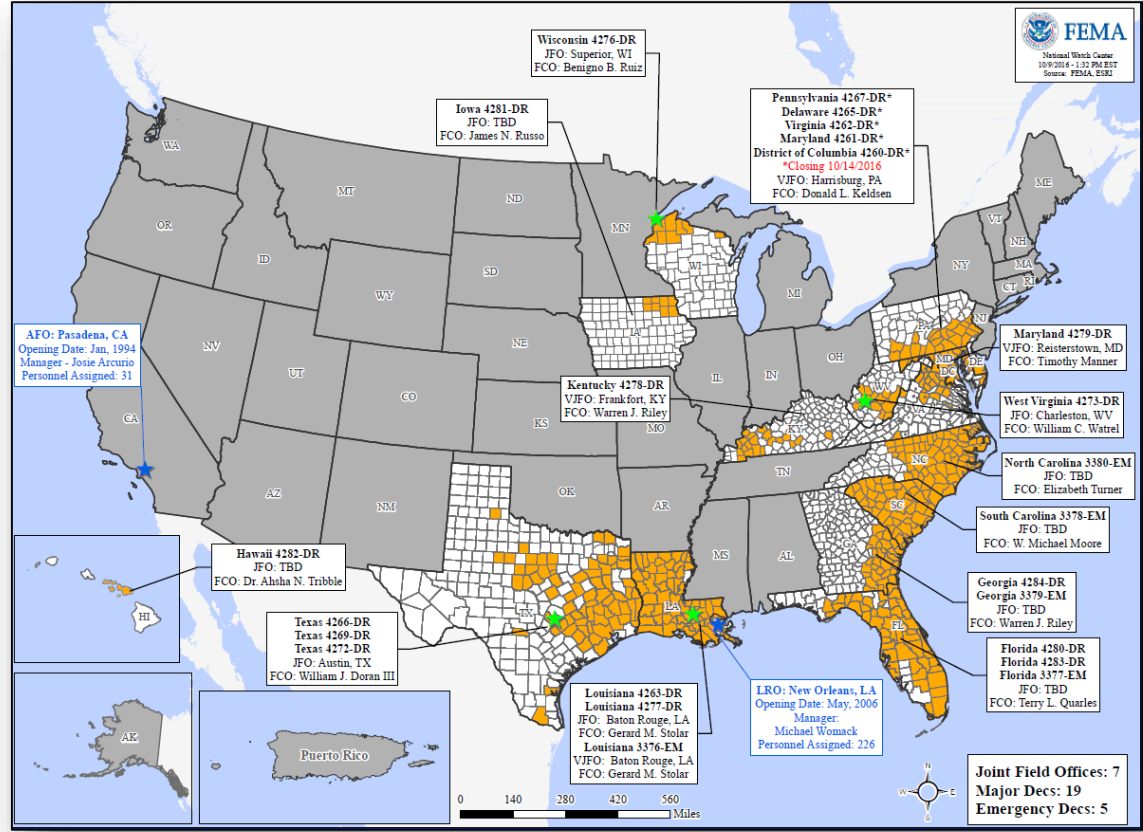


October 9, 2016

- Governor of North Carolina requested an expedited Major Disaster Declaration
- For Hurricane Matthew during the period October 4, 2016, and continuing
- Requesting
 - Individual Assistance and Public Assistance, including direct federal assistance, for 66 counties
 - Hazard mitigation statewide



Open Field Offices



Readiness – Deployable Teams and Assets



Resource	Status	Total	FMC Available		Partially Available	Not Available	Detailed, Deployed, Activated	Comments	Rating Criterion
FCO	Yellow	35	6	17%	0	0	29		OFDC Readiness: FCO Green Yellow Red Type 1 3+ 2 1 Type 2 4+ 3 2 Type 3 4+ 3 2
FDRC	Red	10	1	10%	0	3	6		FDRC 3 2 1
US&R	Green	28	18	64%	0	0	10	Blue IST to GA VA-TF1, VA-TF2, IN-TF1 (all Type 1) & MO-TF1 (Type 3) to GA MD-TF1 (Type 3) & TN-TF1 (Type 1) in SC NJ-TF1, OH-TF1, PA-TF1 (all Type 1) staging in NC NY-TF1 (Type 3) to NC IN-HEPP staging in GA; MD-HEPP staging in SC FL-TF1 & FL-TF2 released as State asset	<ul style="list-style-type: none"> Green = Available / FMC Yellow = Available / PMC Red = Out-of-Service Blue = Assigned / Deployed
National IMAT	Red	3	0	0%	0	0	3	Deployed: East 1 to Region IV (Hurricane Matthew) East 2 to LA (DR-4277) West to FL (Hurricane Matthew)	<ul style="list-style-type: none"> Green: 3 available Yellow: 1-2 available Red: 0 avail (<i>Individual N-IMAT red if 50% of Section Chiefs and / or Team Leader is unavailable for deployment.</i>)
Regional IMAT	Yellow	13	4	34%	0	0	9	Deployed: Region I – 1 deploying to Raleigh, NC Region IV-1 to NC (Hurricane Matthew) Region IV-2 to FL (Hurricane Matthew) Region V & Region IX-2 to SC (Hurricane Matthew) Region VI-2, Region VIII & Region X to LA (DR-4277) Region VII to MO (DR-4281)	<ul style="list-style-type: none"> Green: >6 teams available Yellow: 4 - 6 teams available Red: < 4 teams available <i>R-IMAT also red if TL Ops / Log Chief is unavailable & has no qualified replacement</i>
MERS	Green	18	14	78%	0	0	4	Deployed: Tallahassee and Ocala, FL Washington, DC Augusta, Thomasville and Dobbins ARB, GA Raleigh and Fort Bragg, NC Columbia, SC Chicago, IL (Chicago Marathon)	<ul style="list-style-type: none"> Green = >66% available Yellow = 33% to 66% available Red = <33% available

Readiness – National and Regional Teams



Resource	Status	Total	FMC Available		Partially Available	Not Available	Status	Comments	Rating Criteria
NWC	Green	5	5	100%	0	0	Not Activated		<ul style="list-style-type: none"> • Green = FMC • Yellow = PMC • Red = NMC
NRCC	Green	2	2	100%	0	0	Activated	Level II, 24/7 (Hurricane Matthew) Select ESFs and LNOs released	
HLT	Green	1	1	100%	0	0	Activated		
RRCCs	Green	10	10	100%	0	0	Activated	Region IV at Level I, 24/7 (Hurricane Matthew)	
RWCs/MOCs	Green	10	10	100%	0	0	Activated		



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.