



# FEMA

## Daily Operations Briefing

Tuesday, October 11, 2016

8:30 a.m. EDT

# Significant Activity – Oct 10-11



**Significant Events:** None

**Tropical Activity:**

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

**Significant Weather:**

- Rain and Thunderstorms – Middle/Upper Mississippi valleys and Great Lakes region
- Rain – Pacific NW, Northern Intermountain, Upper Mississippi Valley and Upper Great Lakes
- Rain and Snow – Northern Intermountain, Rockies and Northern Plains
- Heavy Snow – MT
- Space Weather – Past 24 hours – none observed; next 24 hours – none predicted

**Earthquake Activity:** No significant activity

**Declaration Activity:** None

- Major Disaster Declaration request - NC

# River Basins of Greatest Concern

## General River Flood Trends

Past Crest



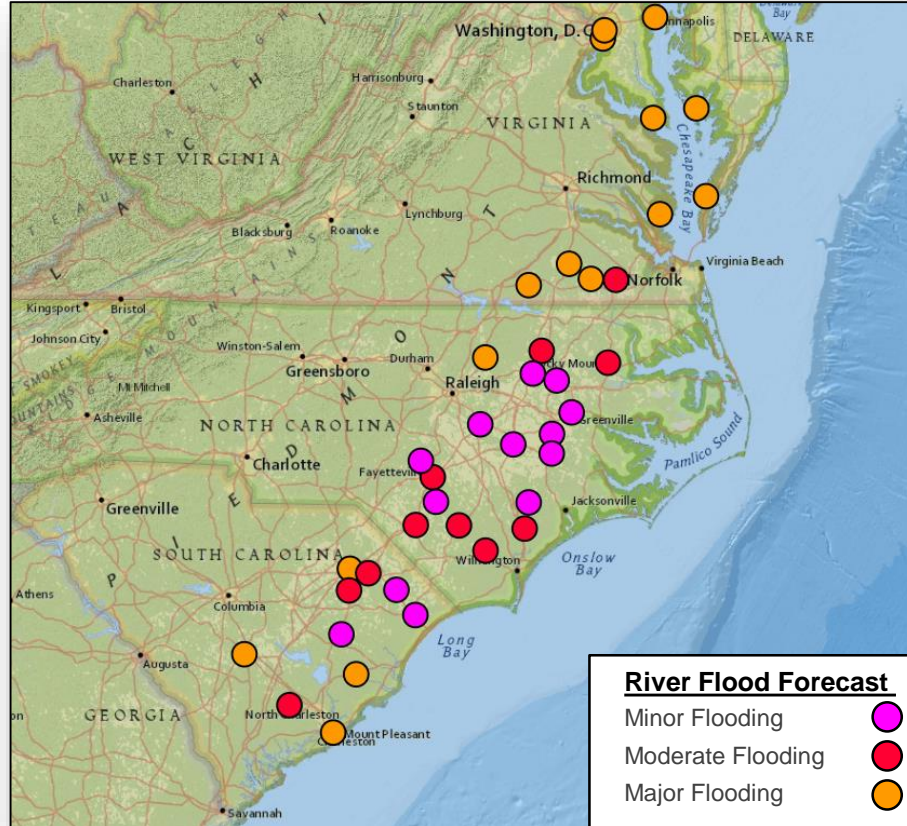
Near Crest



River Rises

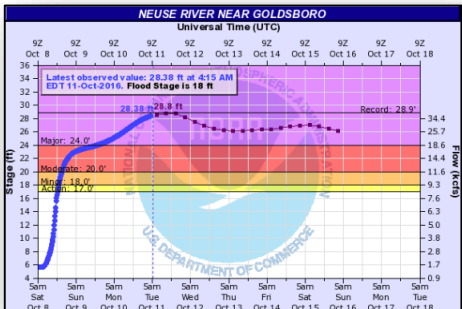


# Flash Flood and River Flood Outlooks

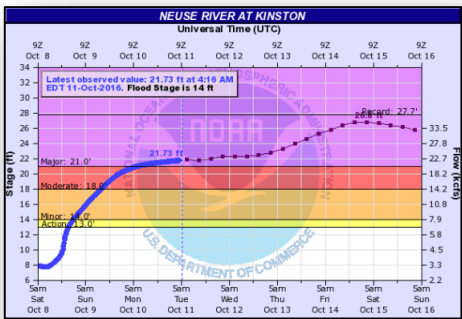




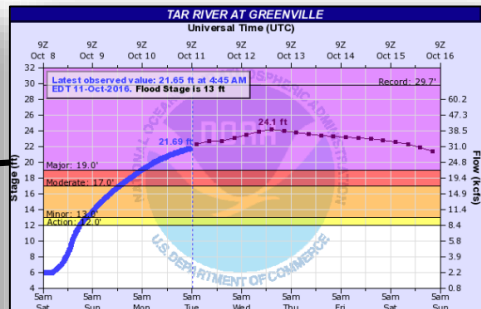
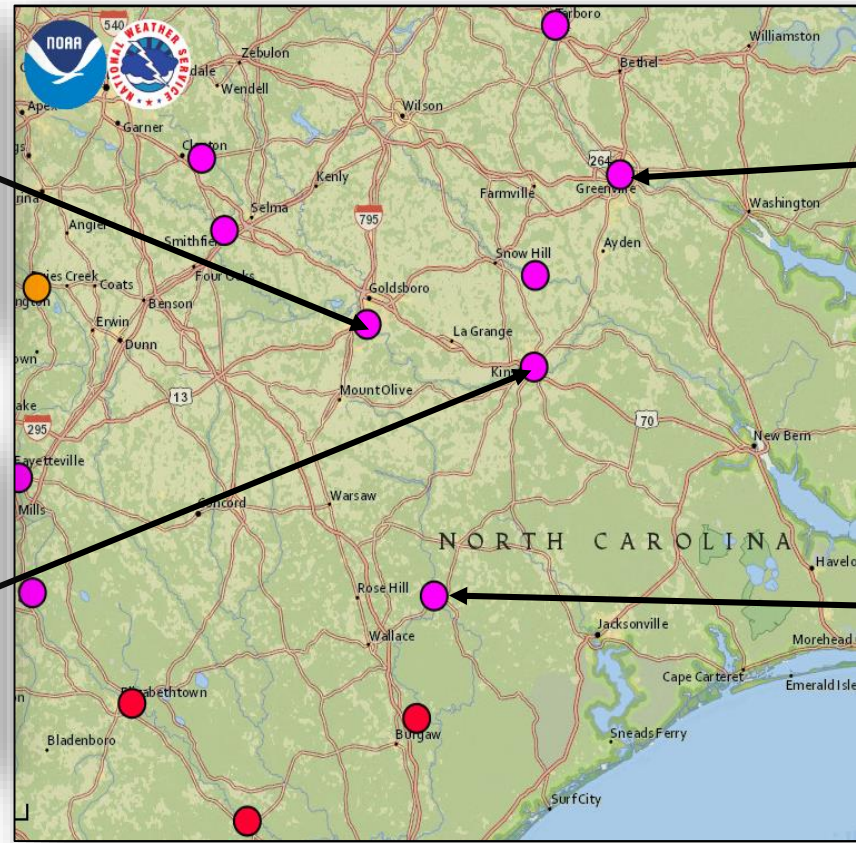
# North Carolina River Flood Outlooks



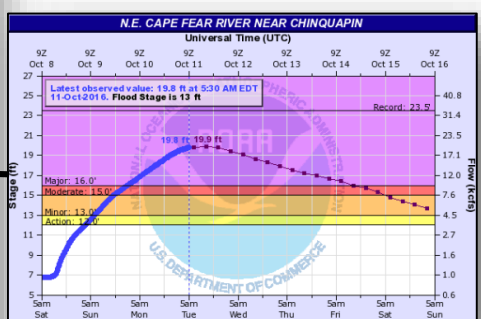
At 22 feet, evacuation of homes begins on Seymour Johnson Air Force Base.



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

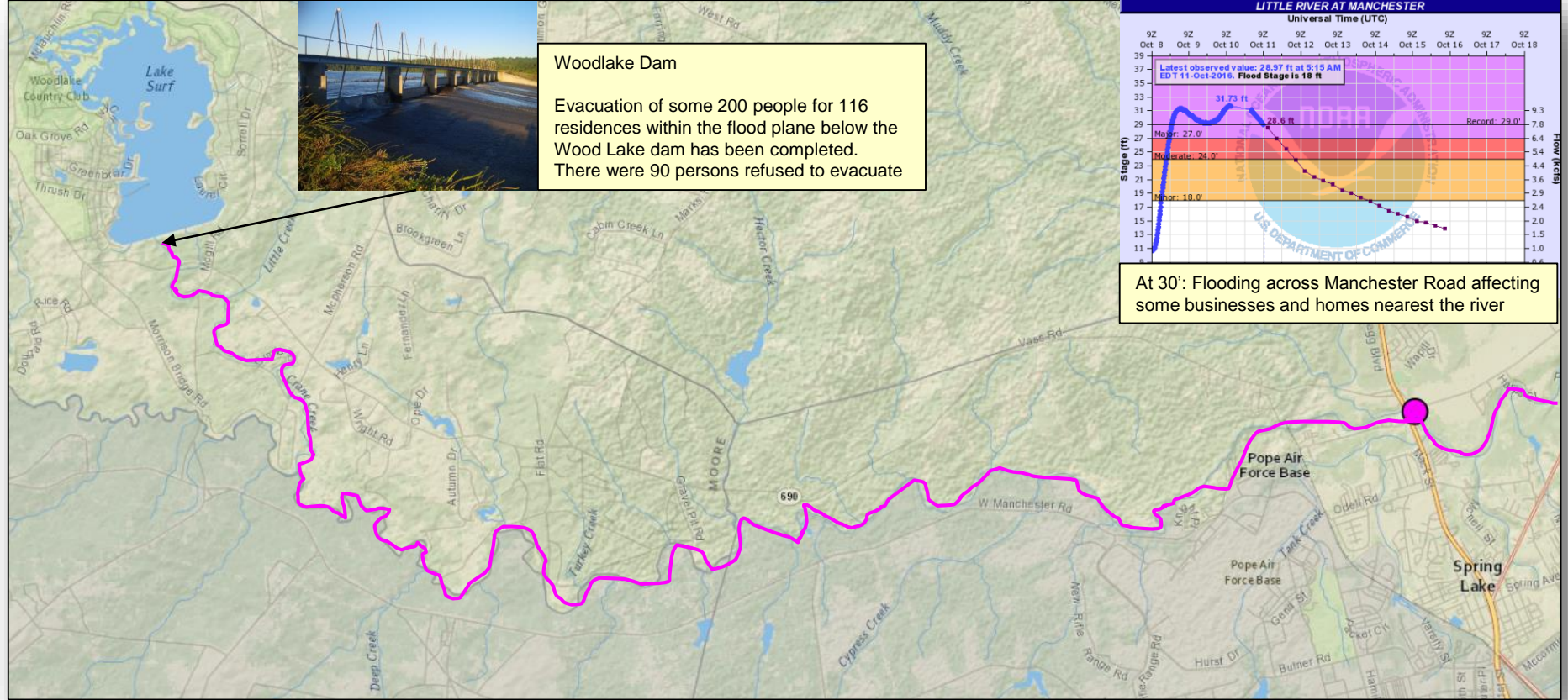


At 24 feet, severe flooding, numerous homes near river will flood countywide.



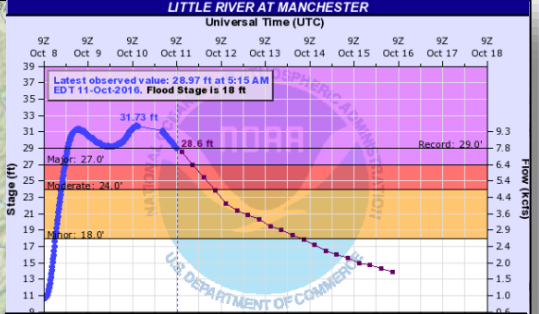
At 18 feet, evacuations of residents near the river.

# Woodlake Dam to Little River



**Woodlake Dam**

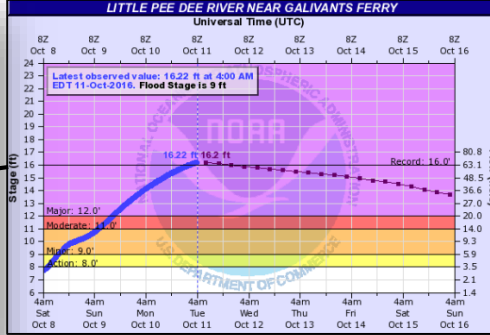
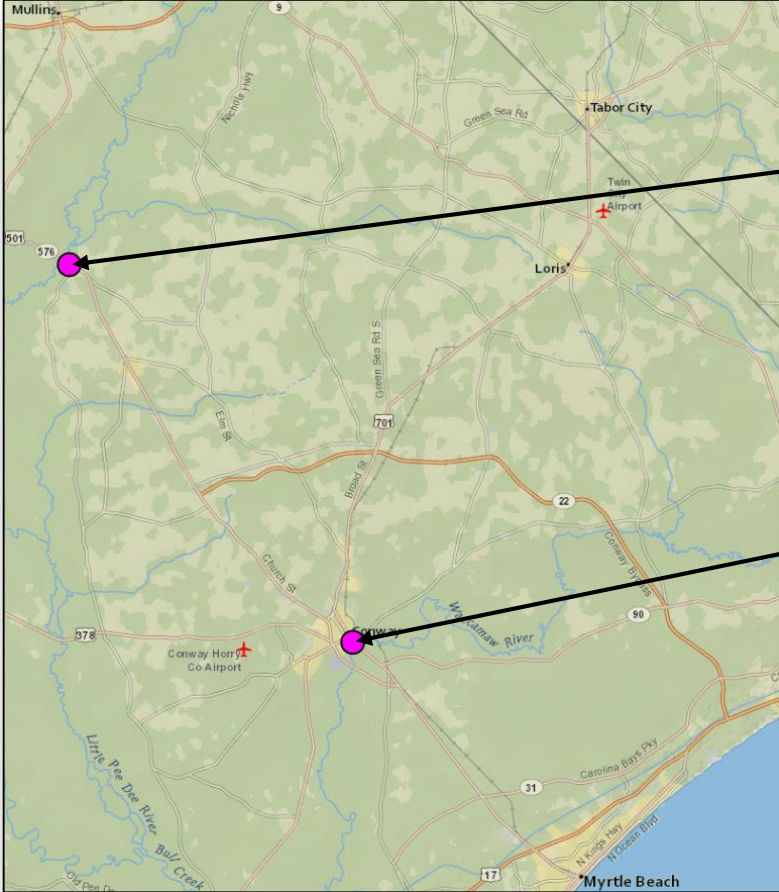
Evacuation of some 200 people for 116 residences within the flood plane below the Wood Lake dam has been completed. There were 90 persons refused to evacuate



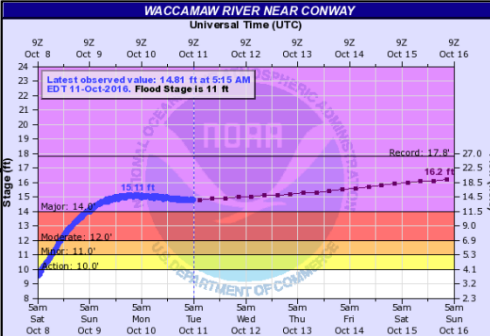
At 30': Flooding across Manchester Road affecting some businesses and homes nearest the river



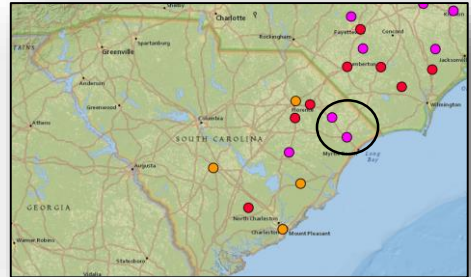
# South Carolina River Flood Outlooks



Peaked at 16.22 feet  
 Previous record: 16 feet  
 At 12 feet, flood waters affect homes in Fork Retch



Projected to peak at 16.2 feet  
 At 15 feet, residential flooding



# Hurricane Matthew – Impacts



## Impacts/Critical Infrastructure

- 21 (+5) confirmed fatalities: 4 (+2) in FL, 10 (+1) in NC, 3 (+2) in SC and 4 in GA. (RIV-update, 8:30 p.m. EDT, Oct 10<sup>th</sup>)
- Mainstream river and flash flooding are the concern in the Carolinas
  - Continuous monitoring of dams in NC; approximately 37 dams overtopped, breached, or erosion reported
  - Woodlake Dam on Lake Surf (Moore County) – potential failure; evacuations directed downstream
  - SC: 3 dam breaches confirmed; SC Department of Health and Environmental Control (DHEC) teams will conduct damage assessment of approximately 250 dams
- \*Power Outages:
  - NC: 224,759
  - SC: 205,345
  - GA: 81,292
  - FL: 126,197
- Numerous bridge and road closures remain throughout the region; most secondary roads and some highways
  - I-95 closed in multiple locations; portions of I-40 closed in NC
- Cellular service outages continue to decline across impacted area
- Some east coast ports remain impacted
- Several hospitals remain closed



# Hurricane Matthew – Response



## North Carolina: FEMA-3380-EM-NC / FEMA-4285-DR-NC

- EOC at Full Activation (Level I)
- Four Swift Water Rescue Teams and three US&R Team activated
- \*Shelters: 63 (-8) open; 3,653 (+1,832) occupants

## South Carolina: FEMA-3378-EM-SC

- EOC remains at Full Activation
- \*Shelters: 16 (-25) open; 524 (-1245) occupants

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

- EOC remains at Full Activation
- Mandatory evacuations for 6 coastal counties
- \*Shelters: 15 (-4) open; 542 (-2,290) occupants

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

- EOC at Partial Activation
- \*Shelters: 6 (-15) open; 60 (-364) occupants
- US&R FL-TF1 and FL-TF2 released to Florida (State Asset)

## 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

# Hurricane Matthew – Response



## FEMA HQ:

- NRCC: Level II (Dayshift) NWC: Enhanced Watch (Nightshift)
- National IMAT-West deployed to FL EOC
- National IMAT-East 1 deployed to Atlanta, GA
- National IMAT-East 2 deployed to LA
- 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:*

- Staging Areas are supporting with commodities; no unmet State needs
- Logistics Staging Area (LSA) staffed/operational at North Field State, SC

## *US&R:*

- 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 SC and NC
- [MO TF-1](#), [PA TF-1](#), and NY TF-1 are engaged in swift water rescues in North Carolina;

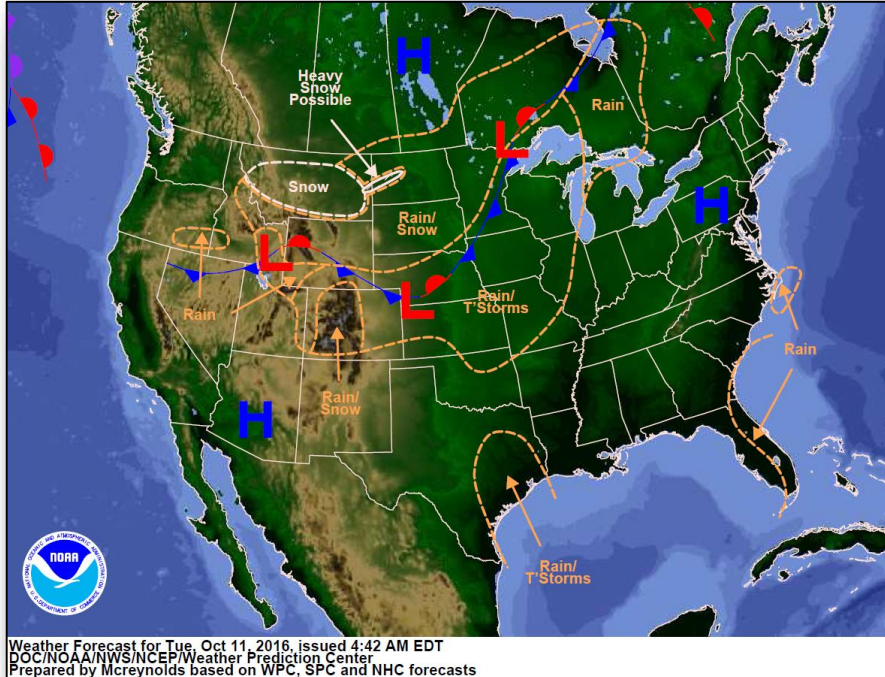
## *FEMA Disaster Communications:*

- 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

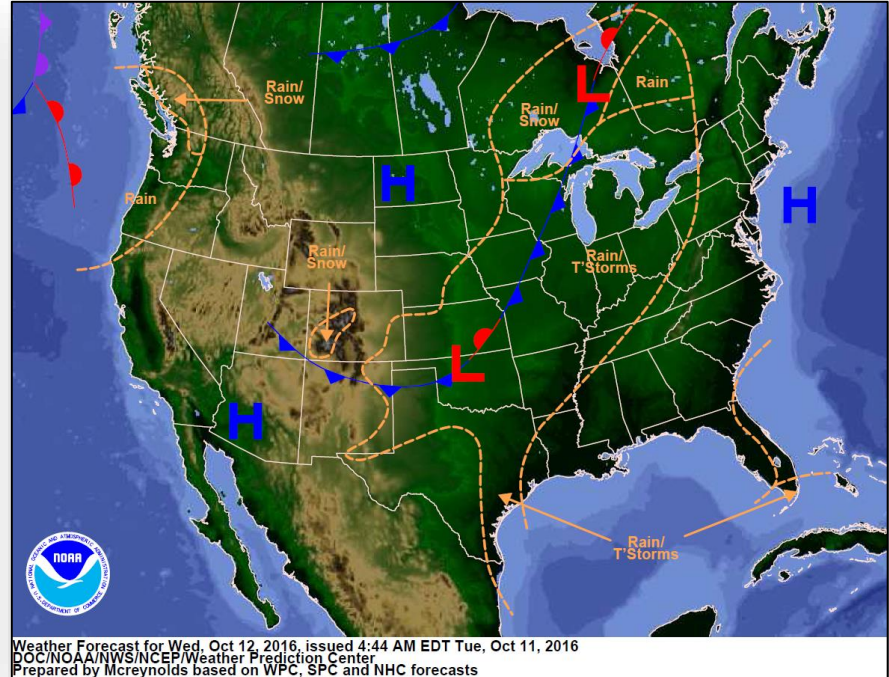
## *Field Operations Division:*

- Reception, Staging, Onward Movement, Integration (RSOI)/Mobilization Center in Atlanta, GA
- 49 FEMA Corps teams committed to support hurricane operations

# National Weather Forecast

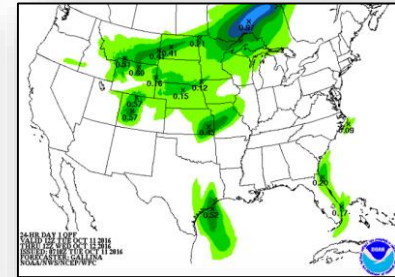
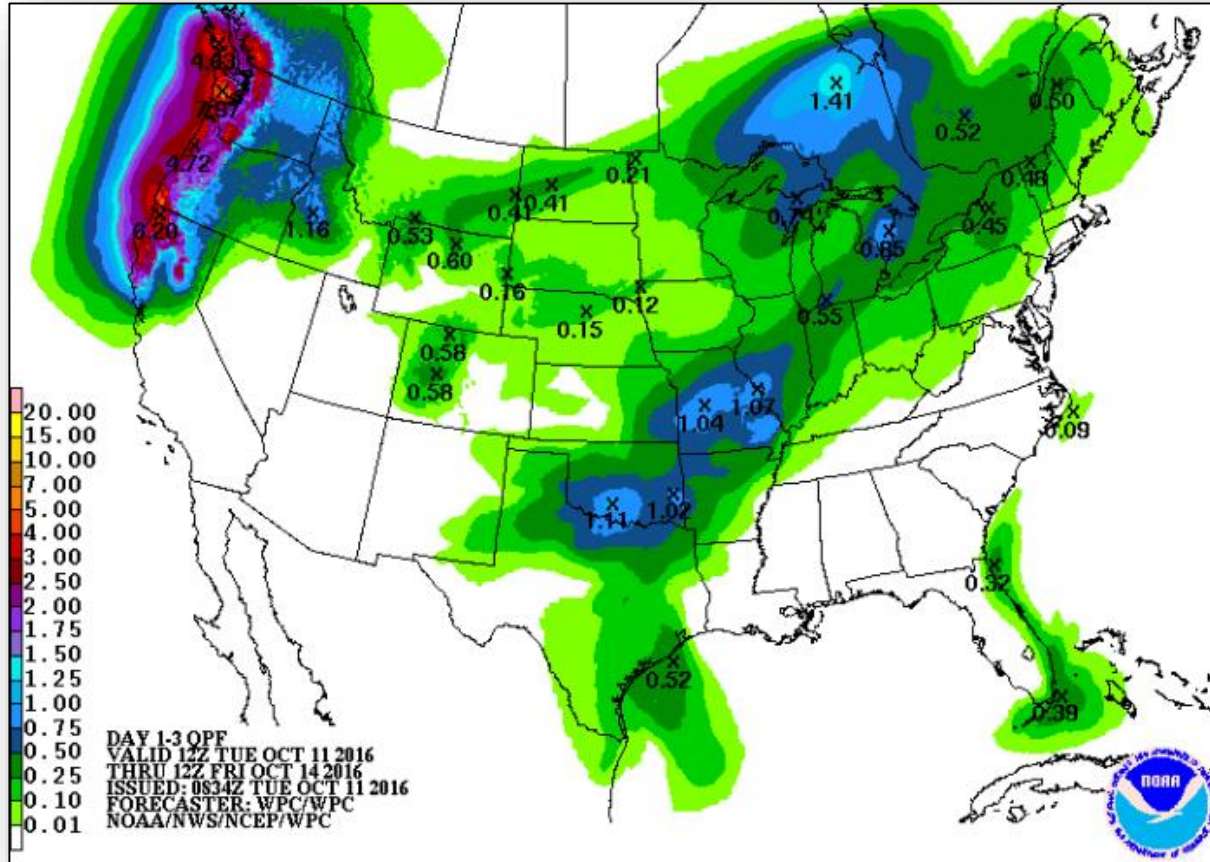


*Today*

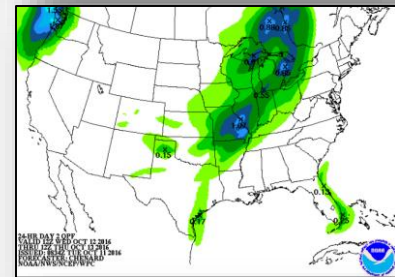


*Tomorrow*

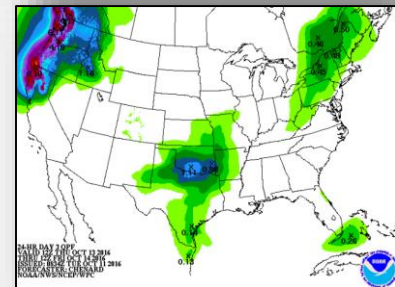
# Precipitation Forecast – Days 1-3



Day 1



Day 2



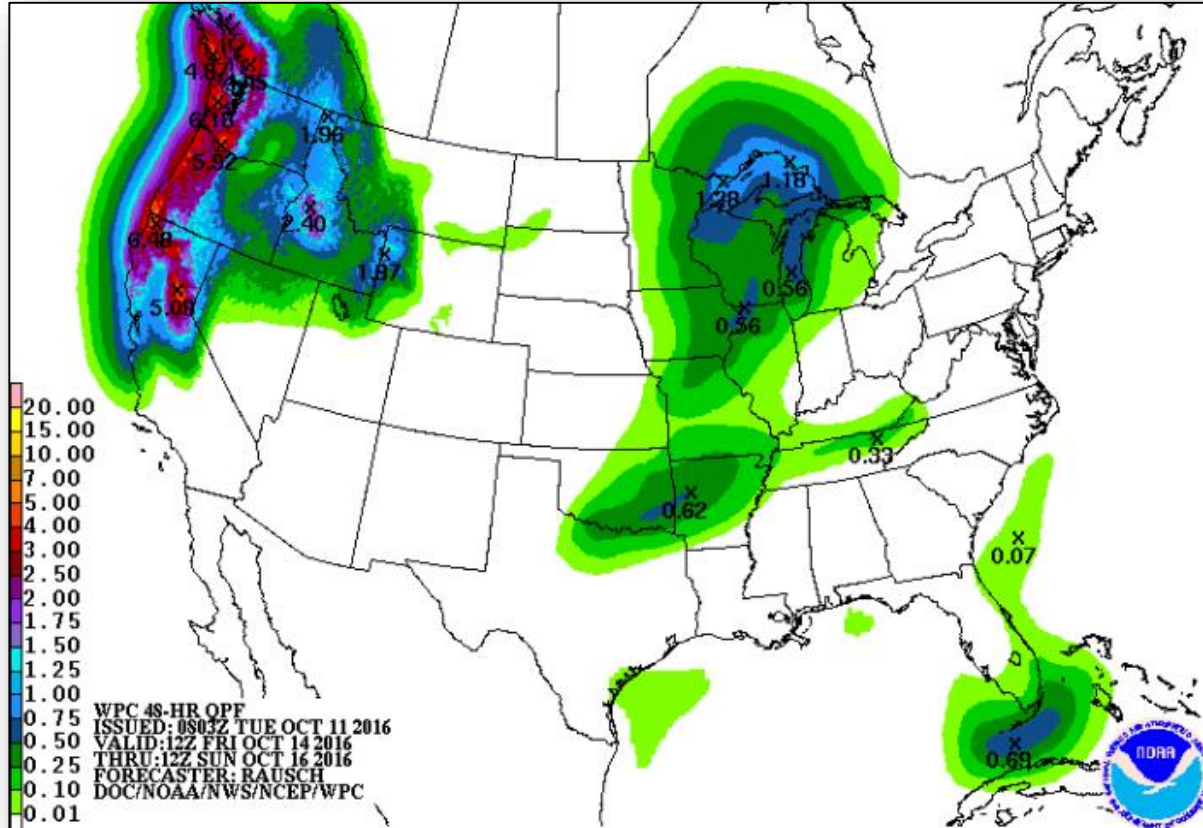
Day 3



# Precipitation Forecast – Days 4-5



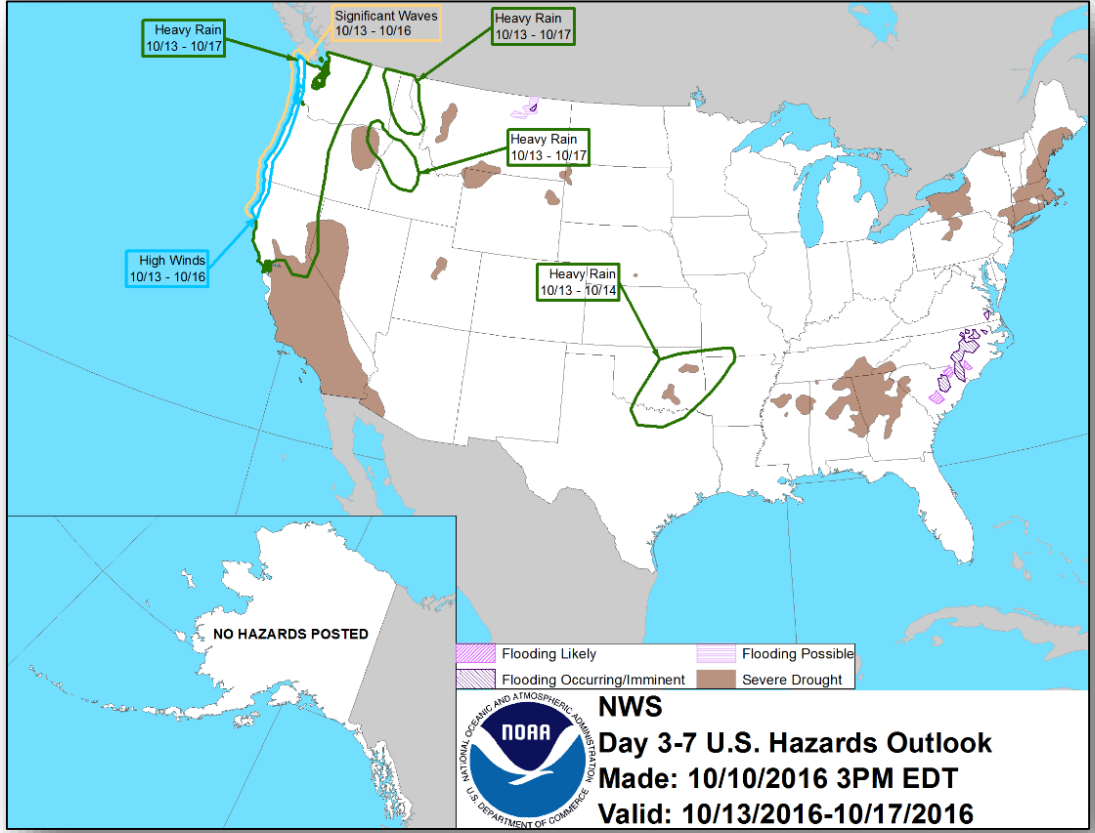
FEMA



# Hazards Outlook – Oct 13-17



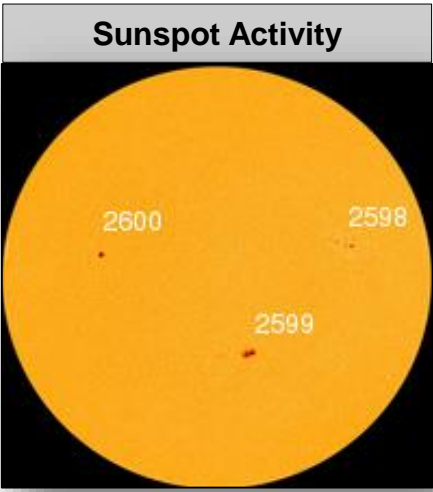
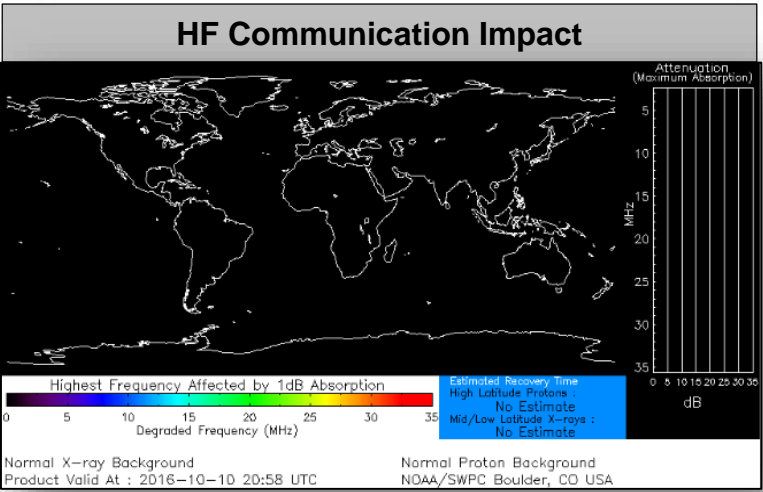
FEMA



# 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>*

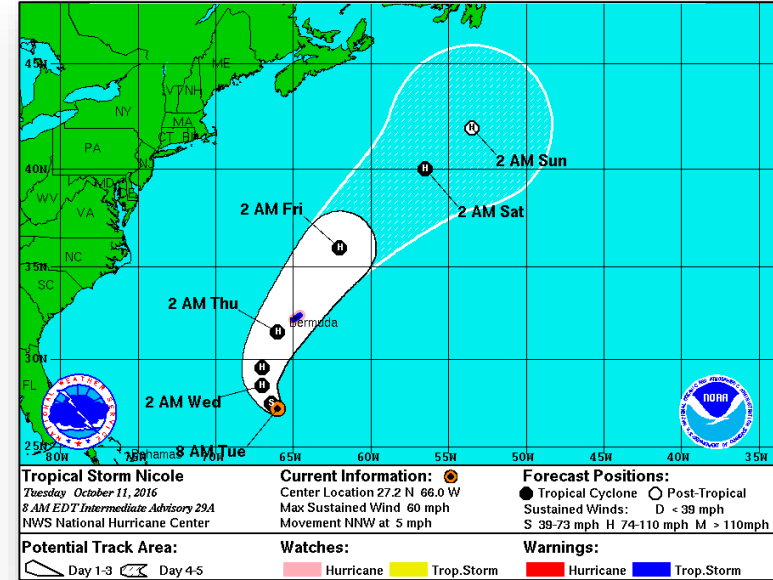


# Tropical Outlook – Atlantic



## Tropical Storm Nicole (Advisory 29A, as of 8:00 a.m. EDT)

- Located 365 miles SSW of Bermuda
- Moving NNW near 5 mph
- Maximum sustained winds 60 mph
- Tropical-Storm force winds extend 115 miles
- No impacts to US territories





# Tropical Outlook – Eastern Pacific

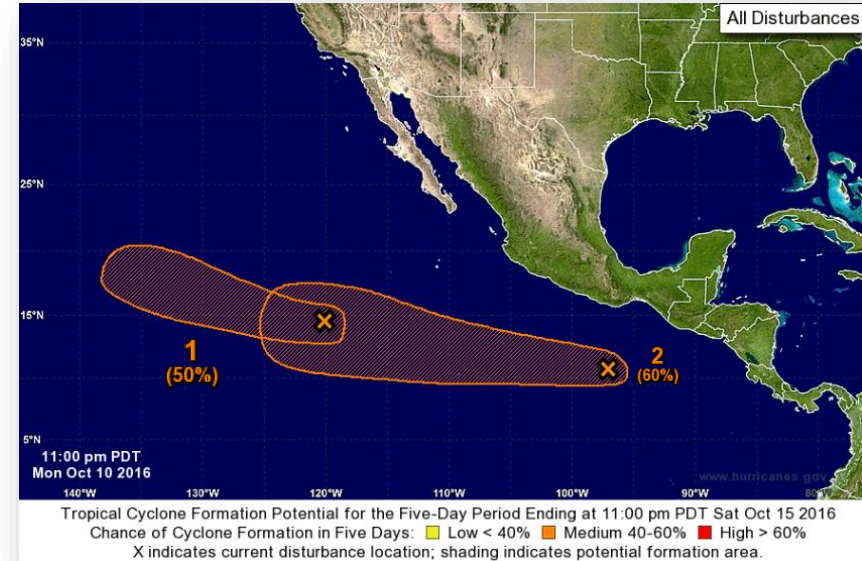


## Disturbance 1 (as of 2:00 a.m. EDT)

- Located 1,000 miles SW of S tip of Baja California peninsula
- Moving WNW to NW
- Expected to gradually consolidate next couple of days
- Tropical depression could form around midweek
- Formation chance through 48 hours: Low (30%)
- Formation chance through 5 days: Medium (60%)

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

- Located a few hundred miles SSE of Acapulco, Mexico
- Moving WNW
- Conditions expected to generally be conducive for development
- Tropical depression likely to form later this week
- Formation chance through 48 hours: Low (10%)
- Formation chance through 5 days: High (70%)



# Tropical Outlook – Central Pacific

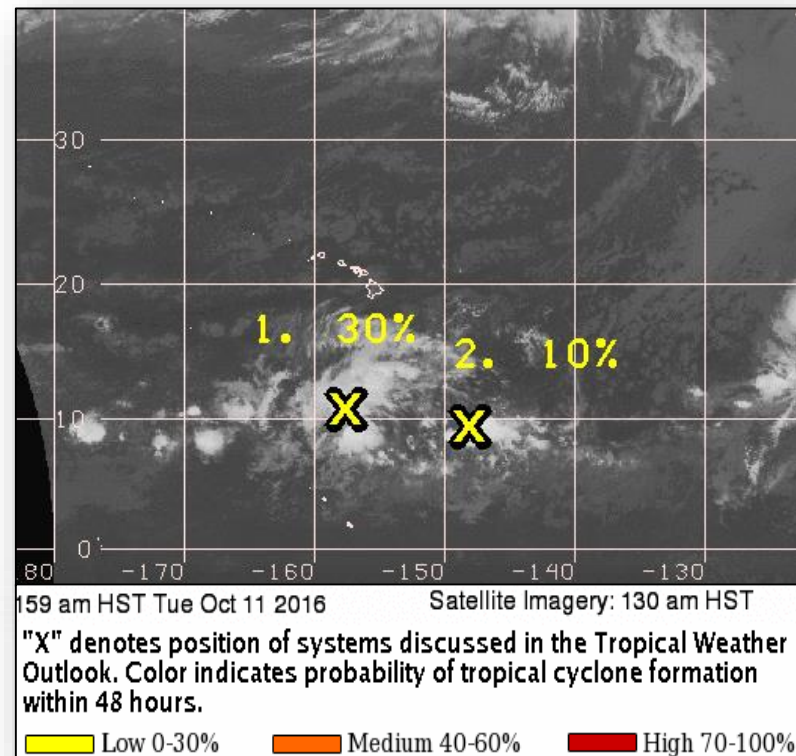


## Disturbance 1 (as of 2:00 a.m. EDT)

- 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 (30%)

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

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



# Joint Preliminary Damage Assessments



Region	State / Location	Event	IA/PA	Number of Counties		Start – End
				Requested	Completed	
IV	South Carolina	Hurricane Matthew October 3, 2016 – continuing	IA	13	0	10/11 – TBD
			PA	13	0	10/11 – TBD
V	Minnesota	Severe Storms and Flooding September 21, 2016 – continuing	IA	9	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	1	0
Navajo Nation – DR Severe Storms and Flooding	September 21, 2016		
North Carolina – DR Hurricane Matthew	October 9, 2016	Approved October 10, 2016	
South Carolina – DR Hurricane Matthew	October 10, 2016		

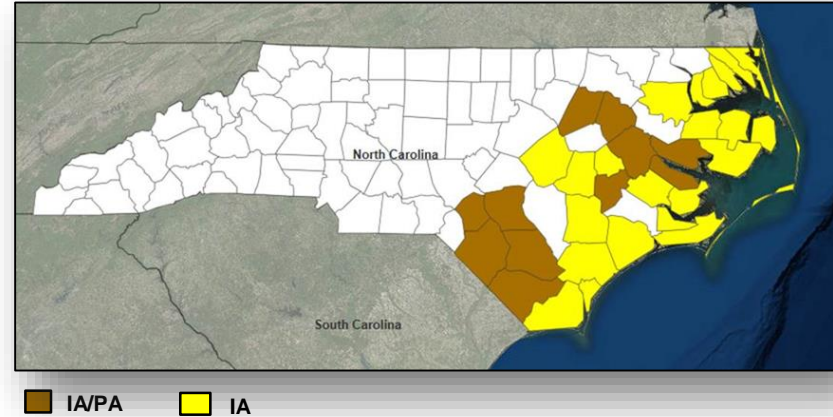


# Declaration Approved



## **FEMA-4285-NC-DR**

- Major Disaster Declaration approved on October 10, 2016 for the state of North Carolina
- For Hurricane Matthew during the period October 4, 2016, and continuing
- Provides:
  - Individual Assistance for 10 counties
  - Public Assistance for 31 counties
  - Hazard mitigation statewide
- FCO is Elizabeth Turner



# Declaration Request



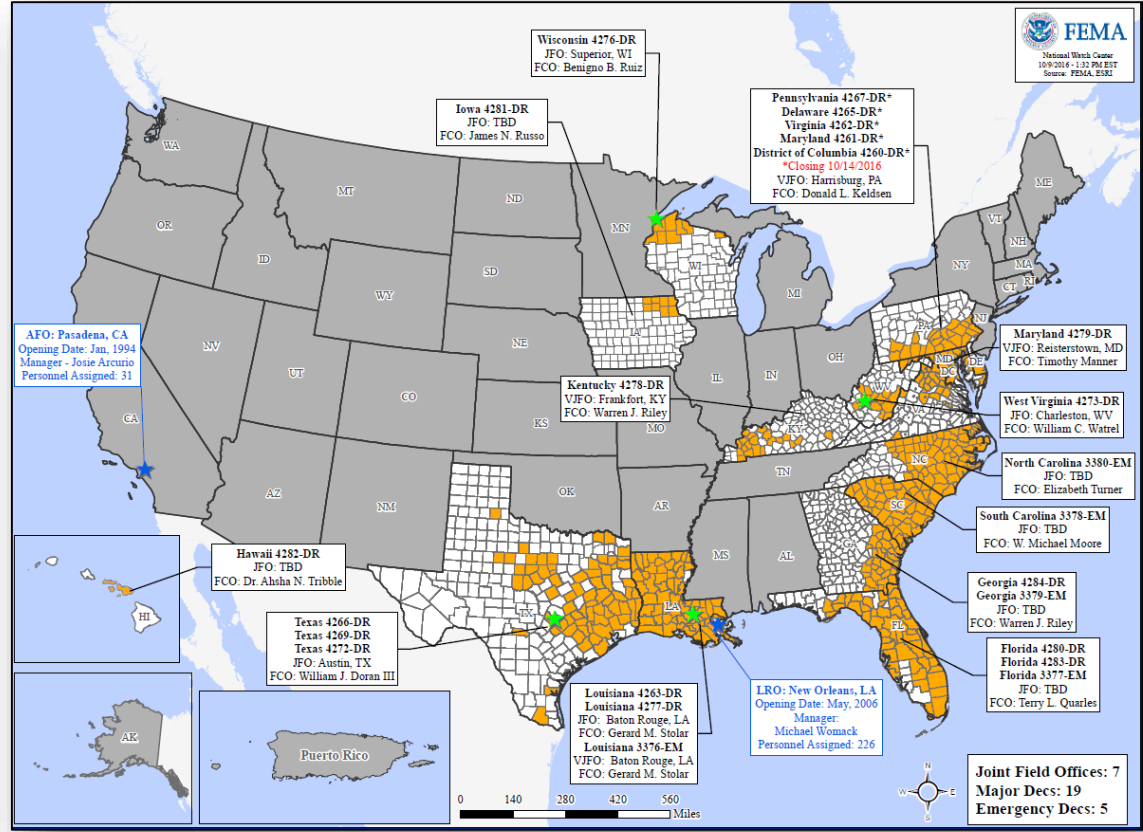
## South Carolina

- Governor of South Carolina requested a Major Disaster Declaration on October 10, 2016
- As a result of Hurricane Matthew during the period October 4, 2016, and continuing
- Requesting
  - Individual Assistance and Public Assistance, including direct federal assistance, for 13 counties
  - Hazard mitigation statewide



■ IAPA

# 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	22	78%	0	0	6	Blue IST to GA VA-TF1 staging in SC NY-TF1, MO-TF1, PA-TF1 working in NC MD-HEPP staging in NC NJ-TF1, OH-TF1, (Demobilizing) IN-TF1, VA-TF2, TN-TF1 and MD-TF1 (Available)	<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	Red	3	0	0%	0	0	3	<u>Deployed:</u> East 1 to Region IV (Hurricane Matthew) East 2 to LA (DR-4277) West to FL (Hurricane Matthew)	<ul style="list-style-type: none"> <li>Green: 3 available</li> <li>Yellow: 1-2 available</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	Yellow	13	4	34%	0	0	9	<u>Deployed:</u> Region I 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"> <li>Green: &gt;6 teams available</li> <li>Yellow: 4 - 6 teams available</li> <li>Red: &lt; 4 teams available</li> </ul> <p><i>R-IMAT also red if TL Ops / Log Chief is unavailable &amp; has no qualified replacement</i></p>
MERS	Green	18	14	78%	0	0	4	<u>Deployed:</u> 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"> <li>Green = &gt;66% available</li> <li>Yellow = 33% to 66% available</li> <li>Red = &lt;33% available</li> </ul>

# 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	Activated	Enhanced Watch, Nightshift (Hurricane Matthew)	<ul style="list-style-type: none"> <li>• Green = FMC</li> <li>• Yellow = PMC</li> <li>• Red = NMC</li> </ul>
NRCC	Green	2	2	100%	0	0	Activated	Level II, Dayshift (Hurricane Matthew)	
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	Not Activated		

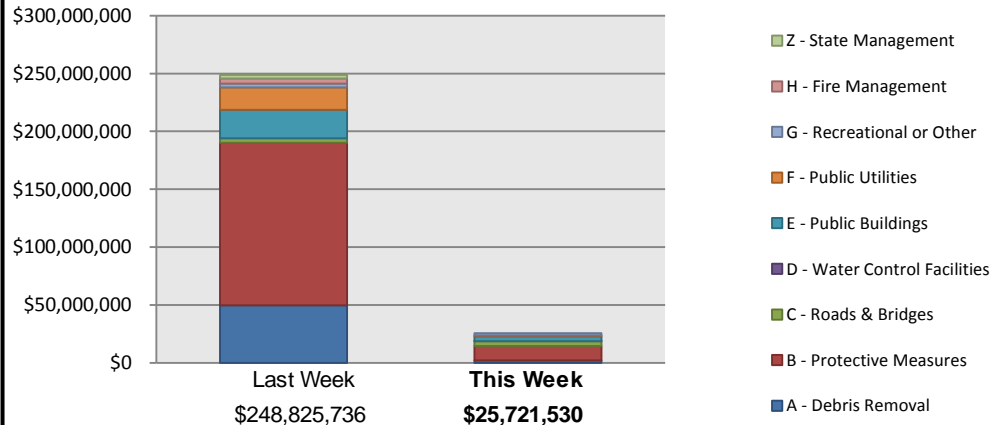


# Public Assistance Grant Program



PA Project Worksheets Obligated in past week, as of 10/10/16 at 1500 EDT										
PA Category	Emergency Work		Permanent Work					H - Fire Management	Z - State Management	Total
	A - Debris Removal	B - Protective Measures	C - Roads & Bridges	D - Water Control Facilities	E - Public Buildings	F - Public Utilities	G - Recreational or Other			
Number Of PWs Obligated	39	172	98	2	37	15	31	0	0	394
Federal Share Obligated	\$2,207,581	\$12,361,006	\$4,300,916	\$40,531	\$3,984,739	\$967,198	\$1,859,558	\$0	\$0	\$25,721,530

## Public Assistance Obligated per Category In the Past 2 Weeks – 09/26/2016 through 10/10/2016



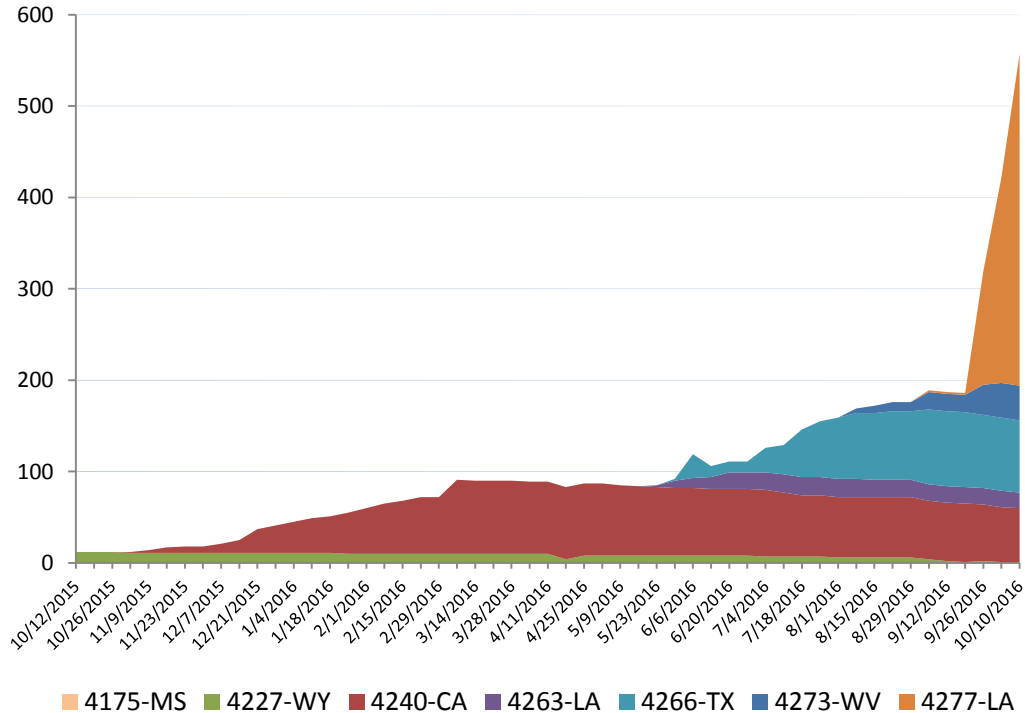
## PA Highlights

- None at this time.

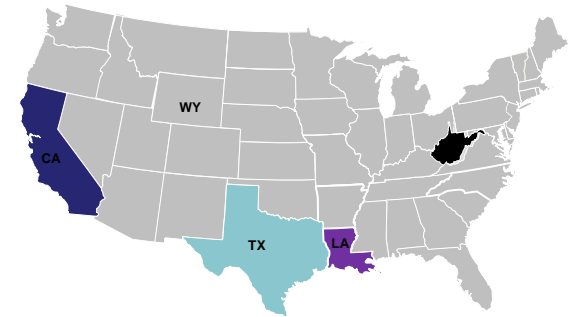
# Direct Housing



**Total Households in FEMA Direct Housing per State**  
 Past Year per Week, 10/12/2015 – 10/10/2016, There are currently **558** Households  
 Occupying **558** Temporary Units



DR	IA Declaration Date	Program End Date	Current # of Households in Direct Housing ( Change)
4227-WY	7/7/2015	<b>1/7/2017</b>	<b>1(0)</b>
4240-CA	9/22/2015	<b>3/22/2017</b>	<b>60 (0)</b>
4263-LA	3/13/2016	<b>9/13/2017</b>	<b>17(-1)</b>
4266-TX	3/19/2016	<b>9/19/2017</b>	<b>79 (-1)</b>
4273-WV	6/25/2016	<b>12/26/2017</b>	<b>38 (0)</b>
4277-LA	8/14/2016	<b>2/14/2018</b>	<b>363 (+138)</b>



**States with Currently Occupied Units**

# NPSC Activity



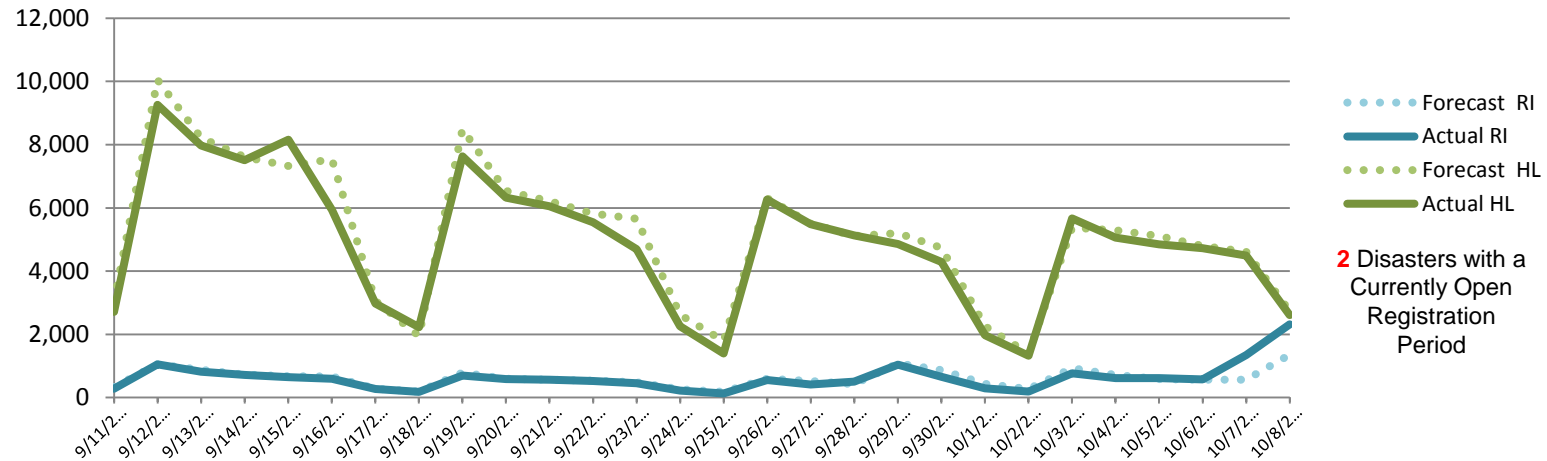
## NPSC Call Activity in the Past Week

10/02/2016 through 10/08/2016

Call Type	Projected Calls	Actual Calls	Average Speed of Answer	Maximum Delay Time
Registration Intake:	4,992	4,270	:14	13:10
Helpline:	29,324	27,767	:55	23:40
<b>Combined:</b>	<b>34,316</b>	<b>32,037</b>	<b>:49</b>	<b>23:40</b>

## NPSC Call Forecasting and Actual Calls Over the Past 4 Weeks

09/11/2016 through 10/08/2016

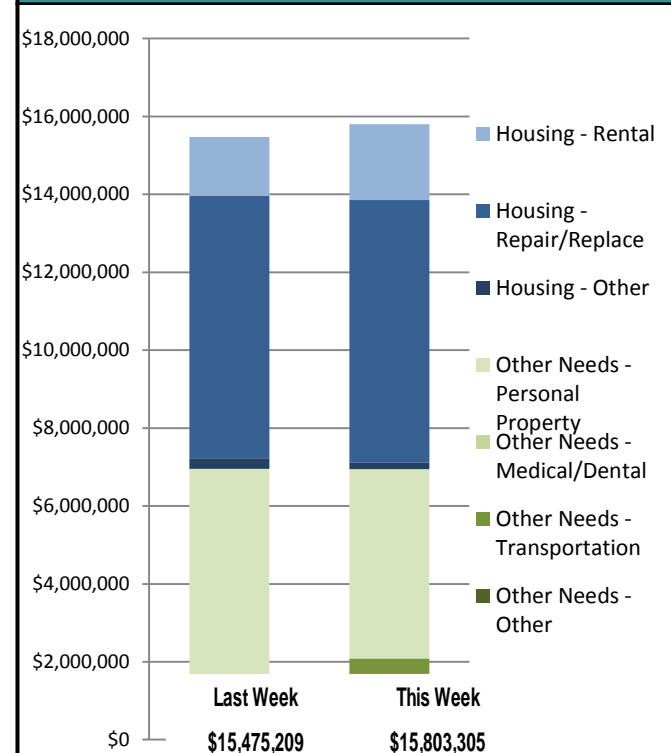


# Individual Assistance Activity



Individuals and Households Program Activity As Of: 10/10/16					
		In Past 7 Days		Cumulative	
		Applicants Approved	Amount Approved	Applicants Approved	Amount Approved
4277-LA Declared 08-14-2016 End Of Reg Period 10-13-2016					
Open Registration Period	Housing Assistance	1,301	\$5,896,938.34	70,957	\$560,360,417.11
	Other Needs Assistance	1,604	\$6,375,912.45	38,194	\$137,016,725.82
	<b>Total IHP</b>	<b>\$12,272,850.79</b>		<b>\$697,377,142.93</b>	
	<b>Average IHP</b>			<b>\$8,725.15</b>	
	<b>Total Max Grants</b>			<b>2,639</b>	
4280-FL Declared 09-28-2016 End Of Reg Period 11-28-2016					
Open Registration Period	Housing Assistance	564	\$2,305,073.81	787	\$3,250,993.59
	Other Needs Assistance	233	\$435,095.49	327	\$635,496.29
	<b>Total IHP</b>	<b>\$2,740,169.30</b>		<b>\$3,886,489.88</b>	
	<b>Average IHP</b>			<b>\$4,336.90</b>	
	<b>Total Max Grants</b>			<b>1</b>	
Other IHP Active	<b>13 Declarations IHP Programmatically Open - Closed Registration *</b>				
	Housing Assistance	154	\$652,743.83		
	Other Needs Assistance	69	\$137,541.18		
	<b>Total IHP</b>	<b>\$790,285.01</b>			
	<b>Total IHP Approved in Past Week</b>	<b>\$15,803,305.10</b>			

**IHP Approved per Category in the Past 2 Weeks – 09/26/2016 through 10/10/2016**





# 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.**