

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

Thursday, October 13, 2016

8:30 a.m. EDT

# Significant Activity – Oct 12-13



**Significant Events:** None

**Tropical Activity:**

- Atlantic – Hurricane Nicole
- Eastern Pacific – Disturbance 1 – Low (20%)
- Central Pacific – Disturbance 1 – Low (20%); Disturbance 2 – Low (10%)
- Western Pacific – Invest 94W – Medium

**Significant Weather:**

- Flash Flooding – northern California
- Heavy rain – northern California to Pacific Northwest (7-9 inches)
- Rain and Thunderstorms – Pacific Northwest to northern California, Central/Southern Rockies, Southern Plains to Lower Mississippi Valley, and portions of Florida
- Rain and Snow – Northern Intermountain & Rockies
- Space Weather – Past 24 hours – G1 geomagnetic storms; next 24 hours – G2 geomagnetic storms

**Earthquake Activity:** No significant activity

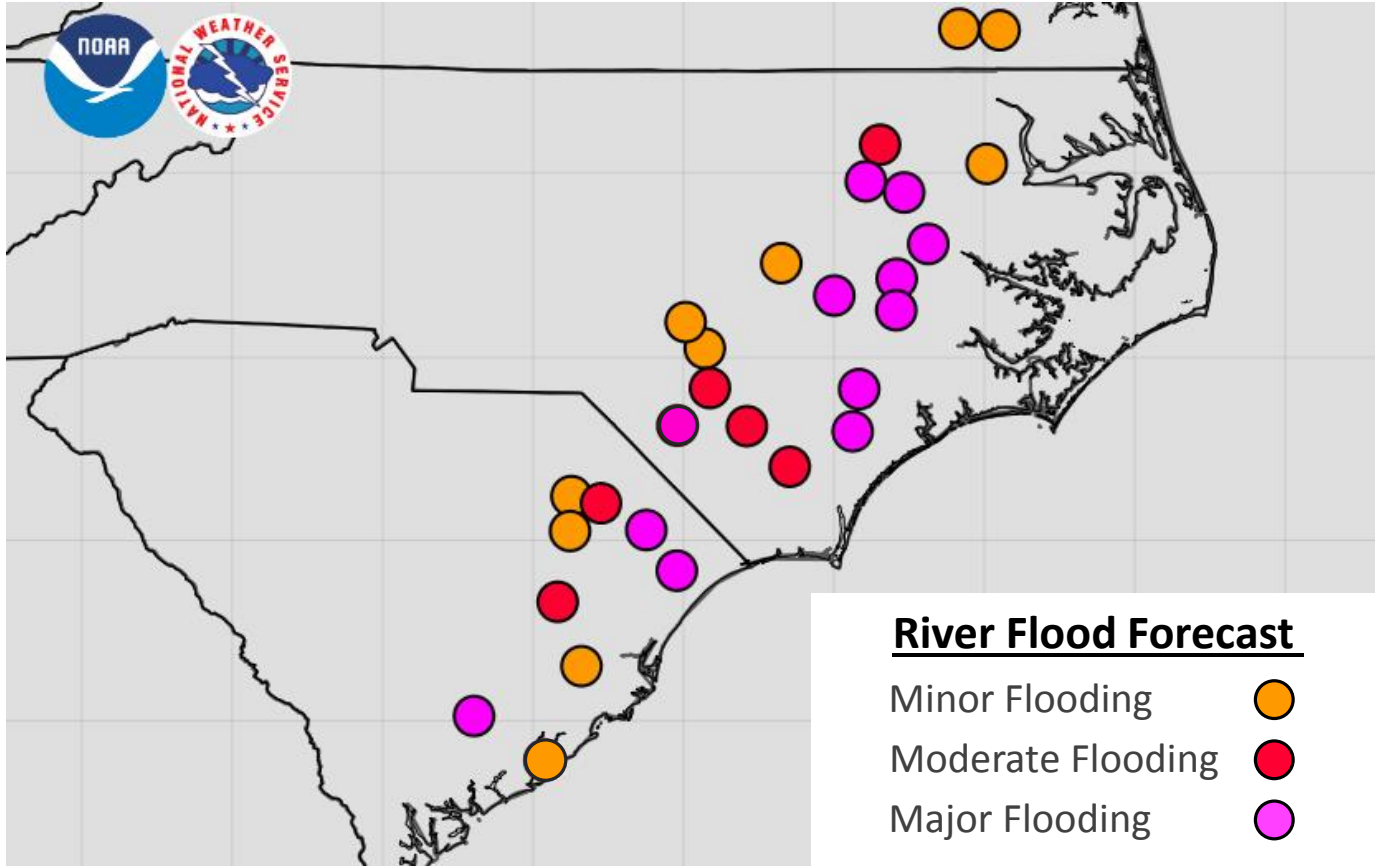
**Declaration Activity:**

- Major Disaster Declaration request – WI
- Amendment No. 2 to FEMA-4285-DR-NC

# NWS River Flood Forecasts



FEMA



# River Basins of Concern and Trends

## River Flood Trends

Includes Gauged Locations  
Exceeding Major Flood Stage

Past Crest



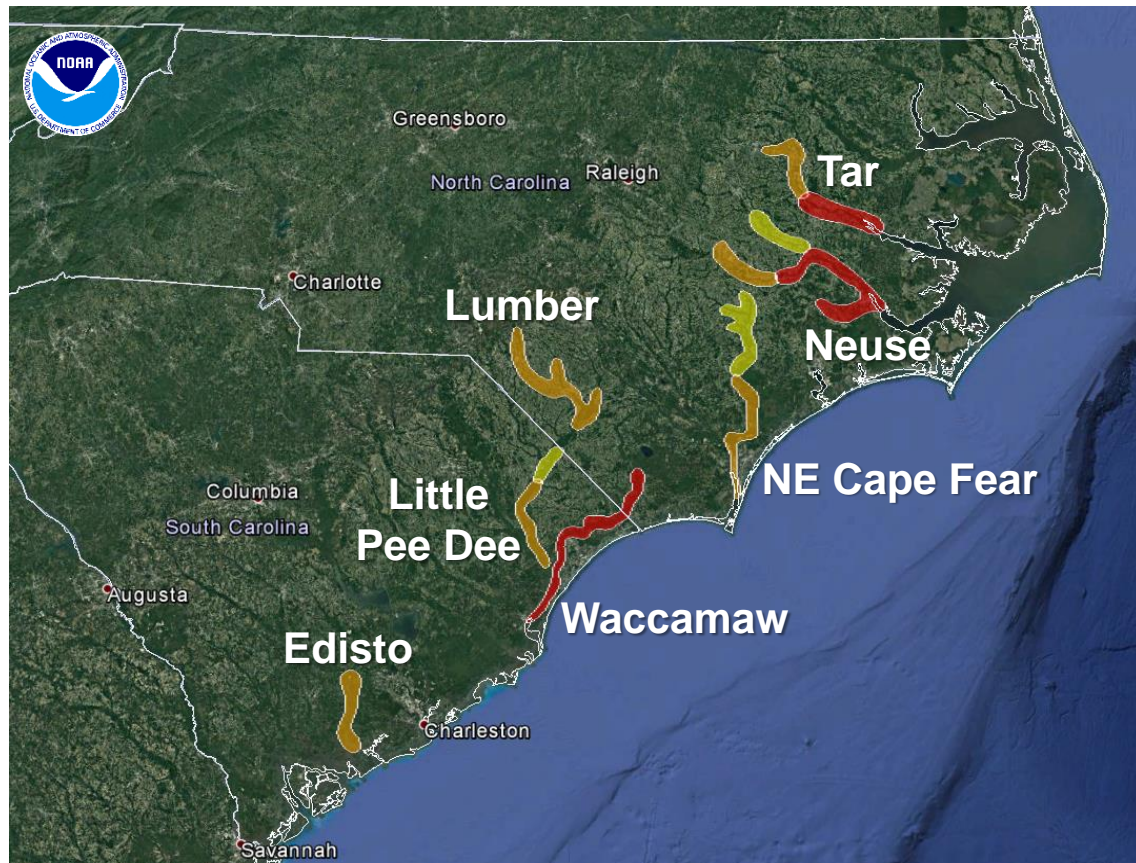
Near Crest



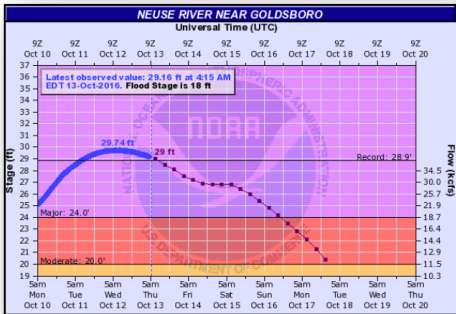
River Rises



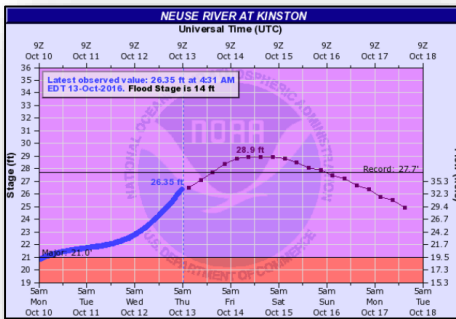
Additional river flooding likely  
outside of gauged locations



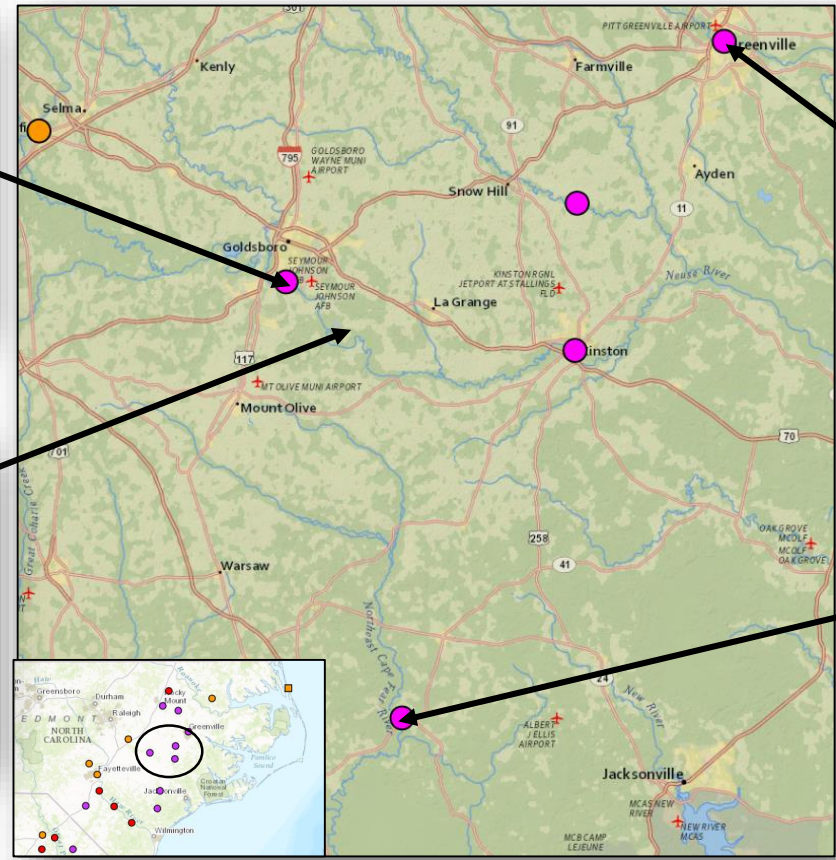
# North Carolina River Flood Outlooks



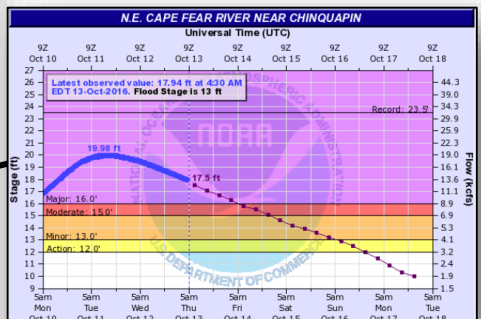
At 22 feet, evacuation of homes, flooding begins on Seymour Johnson Air Force Base.



Could reach record flood stage (27.7 ft) this weekend  
 At 27 feet, disastrous flooding; up to 2 ft likely – causing evacuations in the area

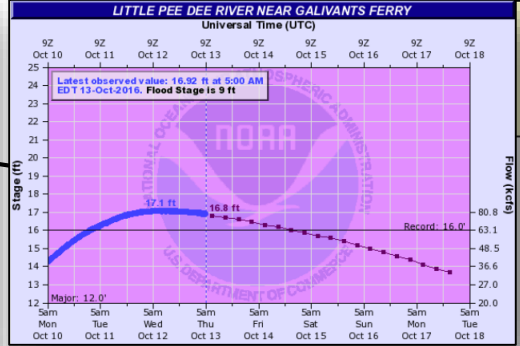
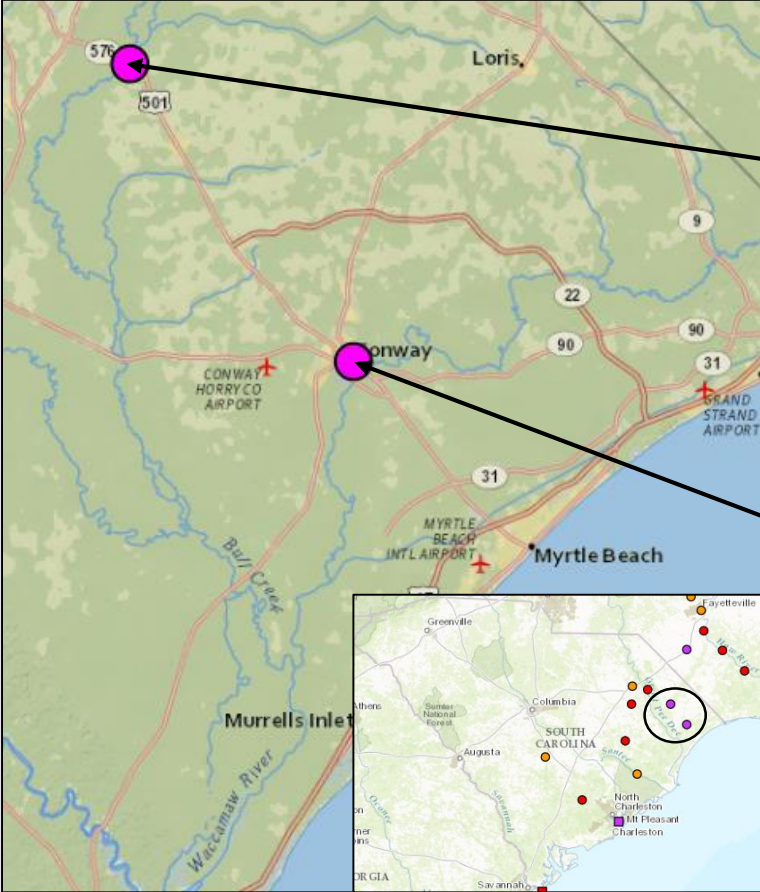


At 24 feet, severe flooding, numerous homes near river will flood countywide.

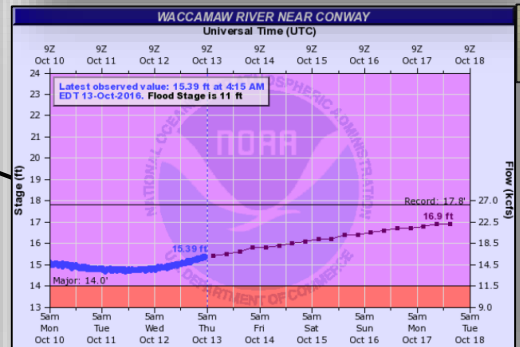


At 18 feet, evacuations of residents near the river.

# South Carolina River Flood Outlooks



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

- 34 (+8) confirmed fatalities: 9 (+5) in FL, 18 (+1) in NC, 3 in SC, and 4 in GA (RIV Update, 1:30 p.m. EDT, Oct 12)
- Mainstream river flooding are the concern in the Carolinas; dam assessments are ongoing
  - NC: 10 (+2) confirmed breaches
  - SC: 5 (+1) confirmed breaches
- Cellular service outages continue to decline across impacted area
- Several hospitals remain closed
- Transportation Infrastructure:
  - 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
  - Some east coast ports remain impacted



Photo Credit: US&R MO TF-1 assists survivors in GA

State	Previous Outage	Current Outage	Change
NC	104,297	46,146	-61,360
SC	106,911	51,359	-54,939
GA	40,969	10,428	-30,400

Source: DOE EAGLE-I as of 7:45 a.m. EDT, October 13



# Hurricane Matthew – Response



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

- EOC at Full Activation
- Four Swift Water Rescue Teams and three US&R Team activated

## South Carolina: FEMA-3378-EM-SC / FEMA-4286-DR-SC

- EOC remains at Full Activation

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

- EOC remains at Full Activation

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

- EOC at Partial Activation
- US&R FL-TF1 and FL-TF2 released to Florida (State Asset)

## FEMA Region IV:

- RRCC: **Level III** (day shift); RWC: Enhanced Watch (night shift)
- **RRCC transitioned operational control of FEMA-4283-DR-FL to FCO**
- IMAT-1 deployed to NC EOC
- **IMAT-2 deployed to IOF in Tallahassee, FL**
- LNOs deployed to FL, NC, SC & GA EOC's
- Hurricane Liaison deployed to National Hurricane Center
- Region IV DCE deployed to FL

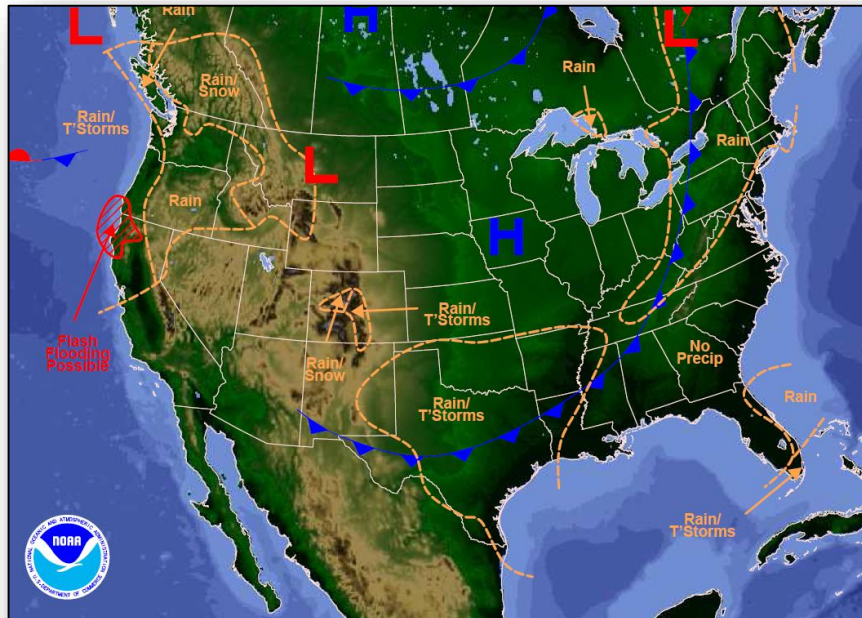
## FEMA HQ:

- NRCC: Not Activated, NWC: Enhanced Watch (24/7)
- National IMATs:
  - West: FL EOC
  - East 1: GA IOF (**DR-4284**)
  - East 2: LA JFO
- Region I IMAT deploying to Raleigh, NC
- Region V: IMAT deployed to SC EOC;
- Region IX IMAT-2 deployed to SC EOC; **DCE demobilized**
- **Region VIII DCE demobilized**
- Disaster Emergency Communications:
  - 89 MERS personnel deployed from all 6 detachments
  - 26 Mobile Communication Vehicles (MCOV) deployed
  - **101** vehicles and associated support equipment

Shelter Numbers				
State	# Shelters	Change	Occupants	Change
NC	39	-18	2,625	-1,171
SC	14	+2	437	-61
GA	4	+1	123	+53
FL	3	+2	38	+2
<b>TOTAL</b>	<b>60</b>	<b>-13</b>	<b>3,223</b>	<b>-1,177</b>

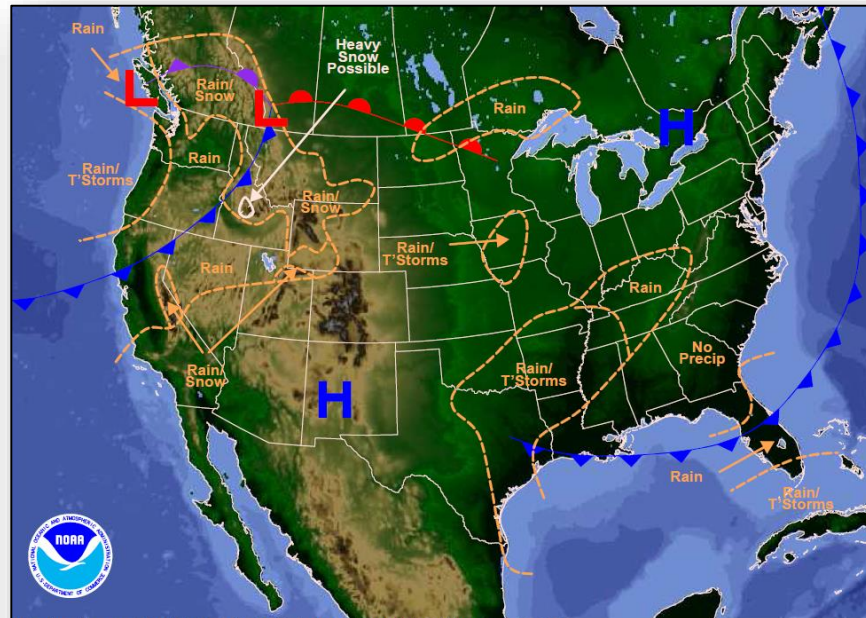
Source: ARC Midnight Shelter Count, as of 4:42 am EDT, October 13

# National Weather Forecast



Weather Forecast for Thu, Oct 13, 2016, issued 4:54 AM EDT  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by McCreynolds based on WPC, SPC and NHC forecasts

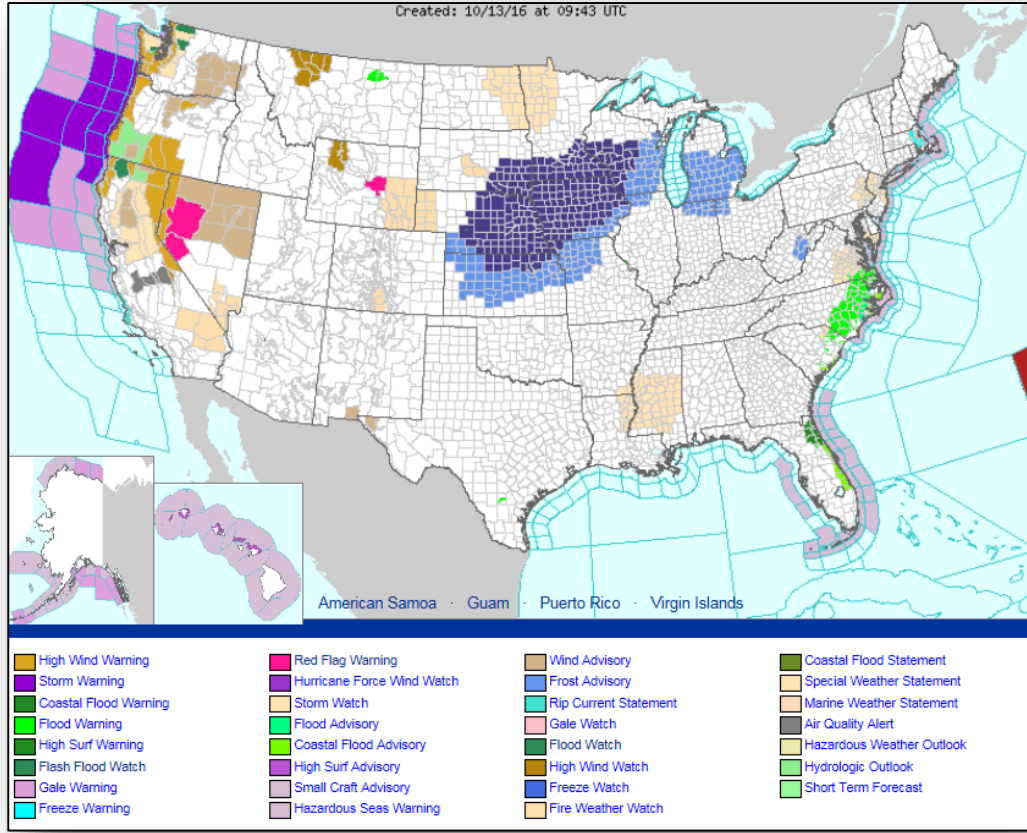
*Today*



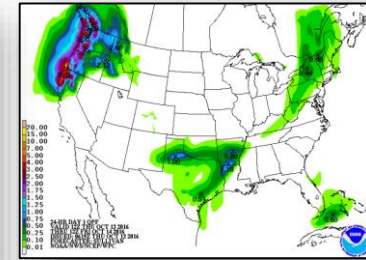
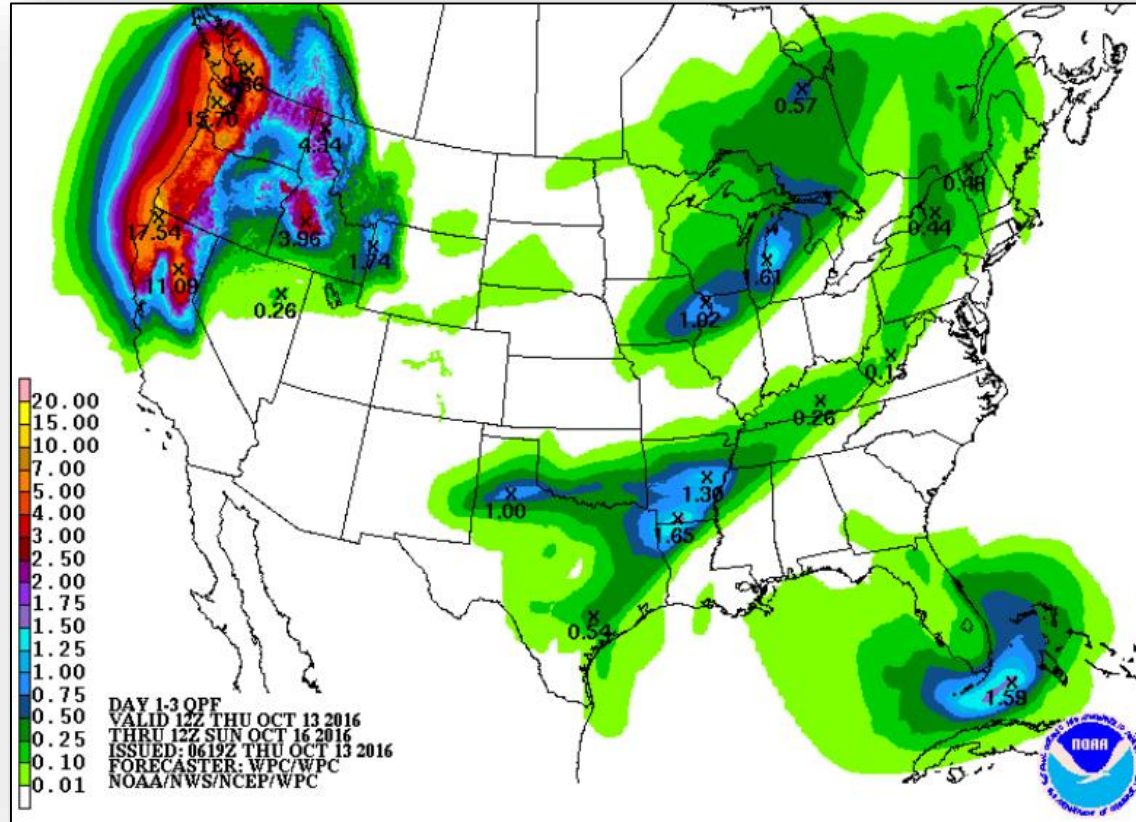
Weather Forecast for Fri, Oct 14, 2016, issued 5:08 AM EDT Thu, Oct 13, 2016  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by McCreynolds based on WPC, SPC and NHC forecasts

*Tomorrow*

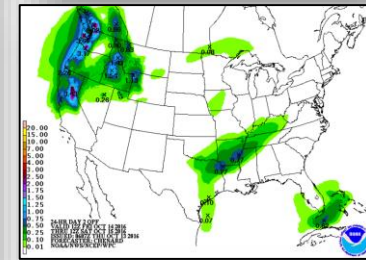
# Active Watches and Warnings



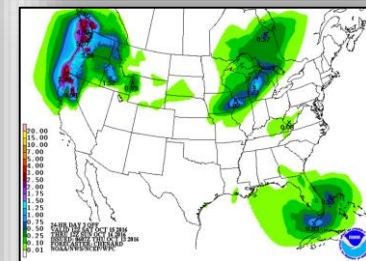
# Precipitation Forecast – Days 1-3



Day 1

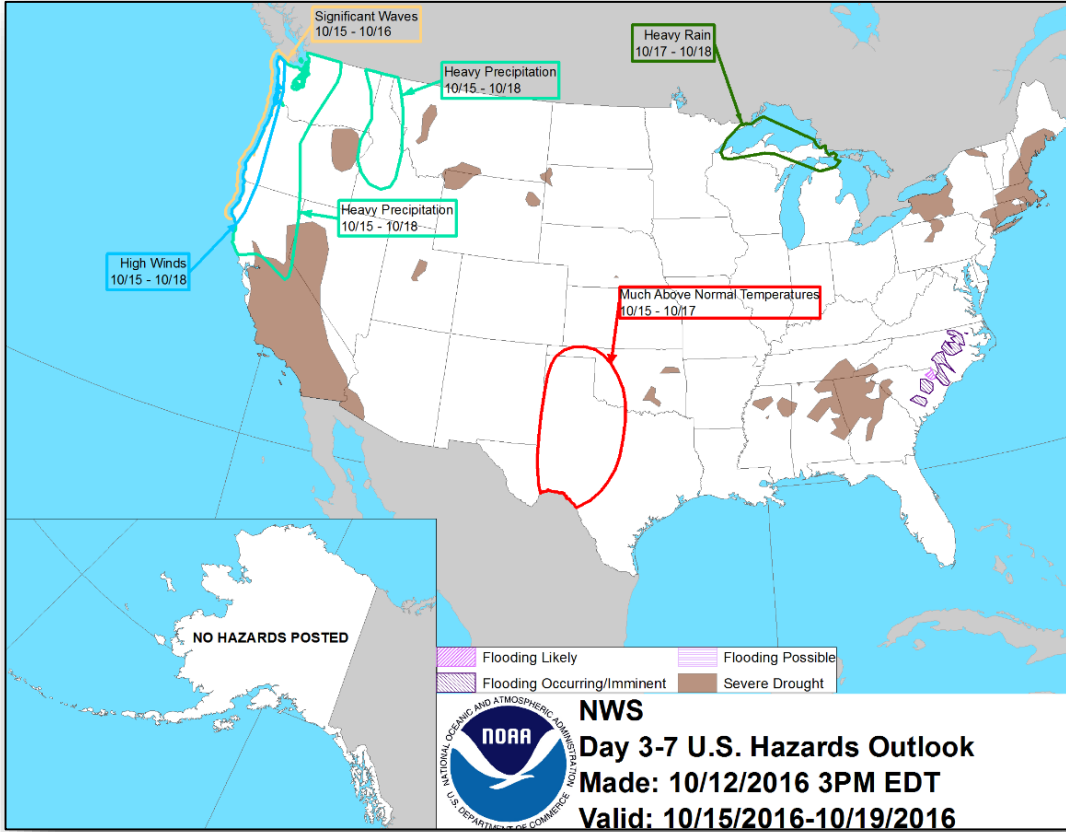


Day 2



Day 3

# Hazards Outlook – Oct 15-19

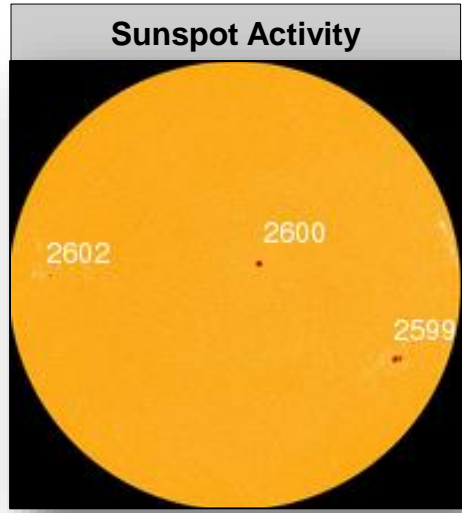
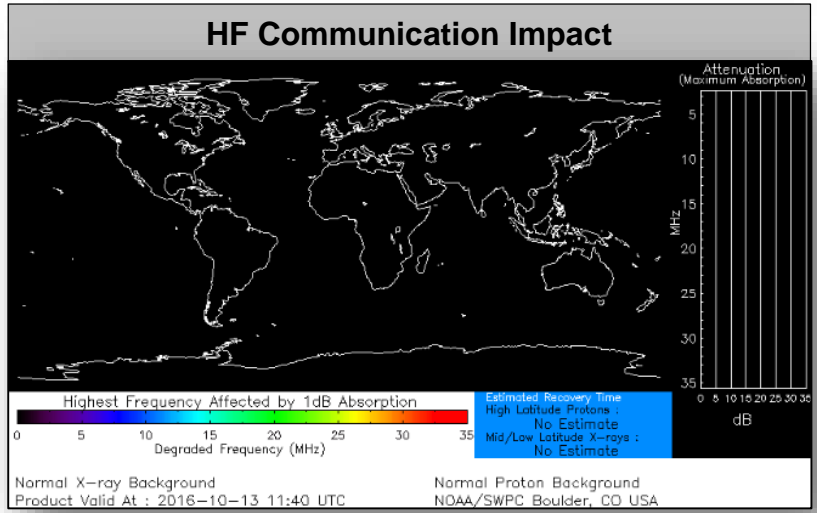


# Space Weather



	Space Weather Activity	Geomagnetic Storms	Solar Radiation	Radio Blackouts
Past 24 Hours	Minor	G1	None	None
Next 24 Hours	Moderate	G2	None	None

*For further information on NOAA Space Weather Scales refer to <http://www.swpc.noaa.gov/noaa-scales-explanation>*

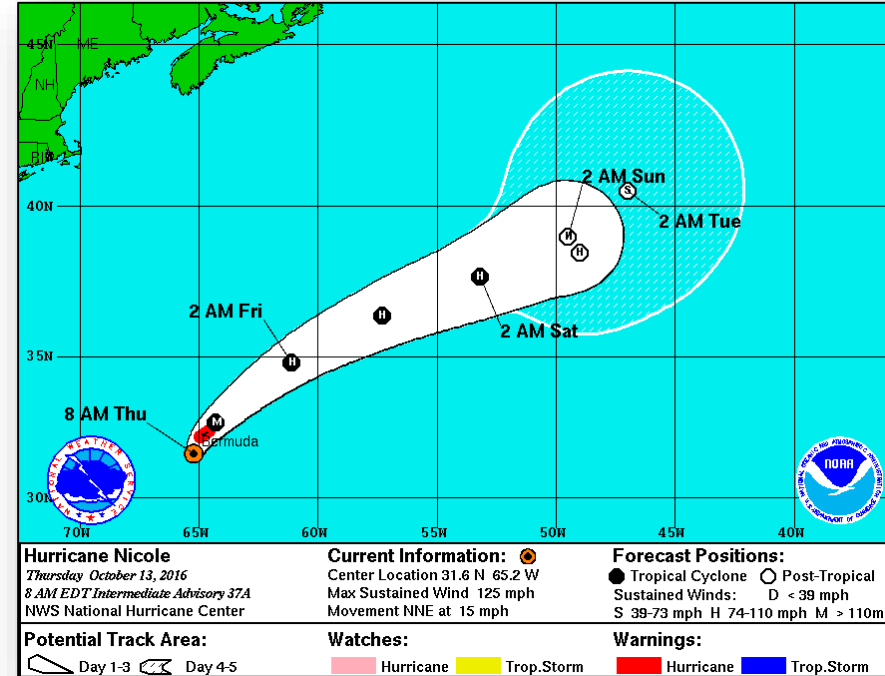


# Tropical Outlook – Atlantic



## Hurricane Nicole (CAT 3) (Advisory 37A, as of 8:00 a.m. EDT)

- Located 55 miles SSW of Bermuda; will pass near Bermuda later this morning
- Moving NNE at 15 mph
- Maximum sustained winds 125 mph
- Hurricane-Force Winds extend 65 miles
- Tropical-Storm-Force Winds extend 175 miles
- No impacts to US territories

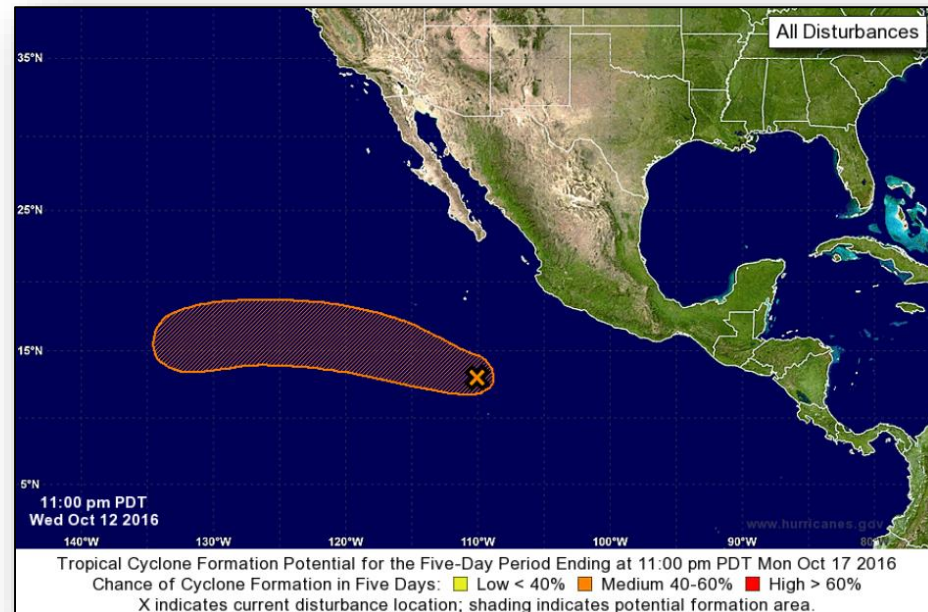


# Tropical Outlook – Eastern Pacific



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

- Located several hundred miles SW of Mexico coast
- Moving WNW at 15-20 mph
- Slow development possible next several days
- Formation chance through 48 hours: Low (20%)
- Formation chance through 5 days: Medium (40%)





# Tropical Outlook – Central Pacific

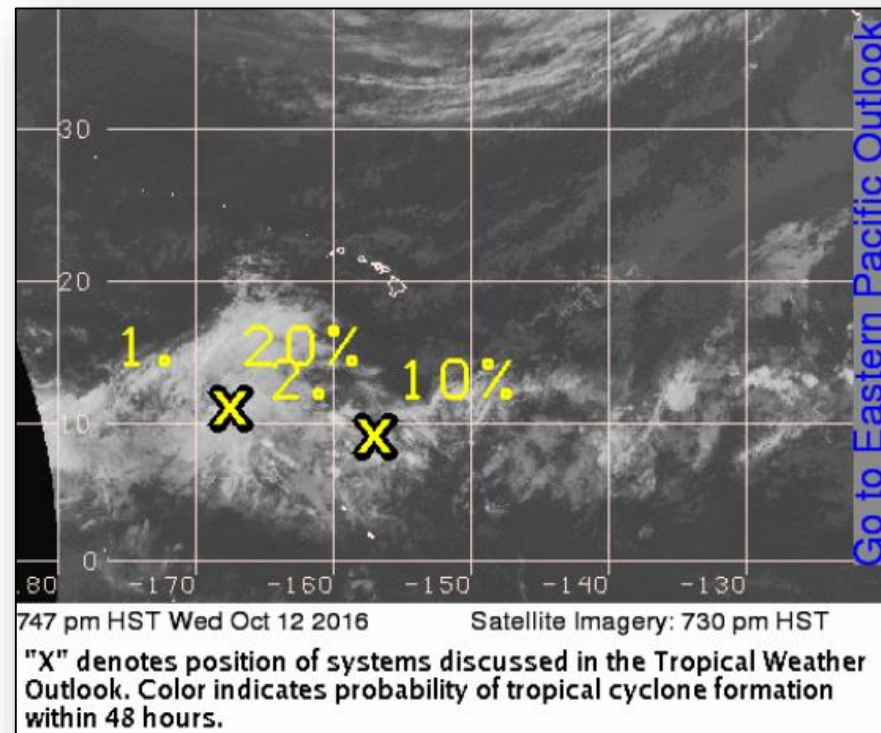


## Disturbance 1 (as of 2:00 a.m. EDT)

- Located 950 miles SW of Honolulu, HI
- Moving WNW at 15-20 mph
- Any development will be slow to occur next couple of days
- Formation chance through 48 hours: Low (20%)

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

- Located 780 miles S of Hilo, HI
- Moving W at 15 mph
- Any development will be slow to occur next couple of days
- Formation chance through 48 hours: Low (10%)

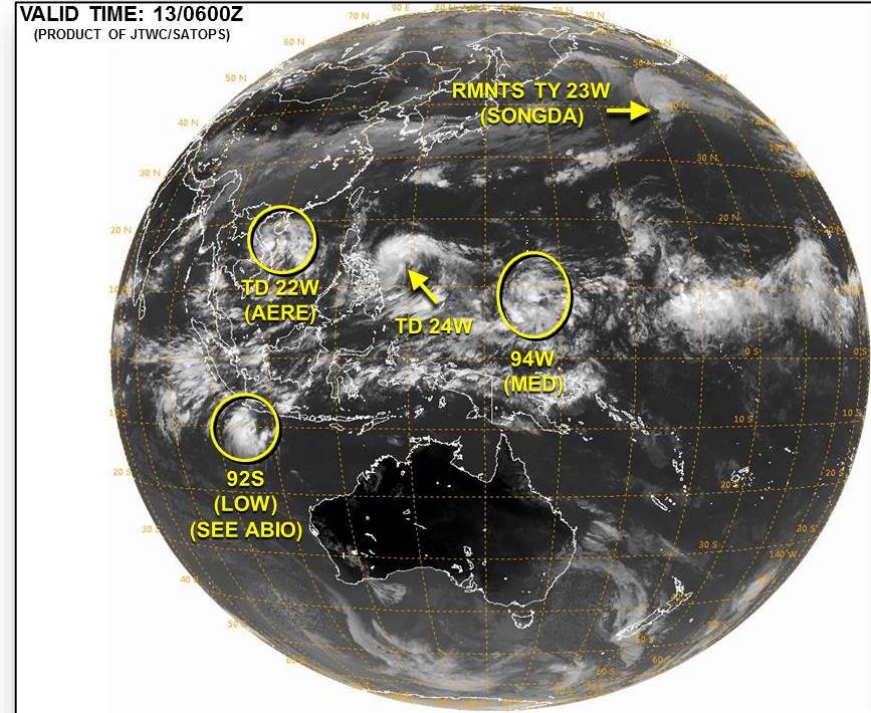


# Tropical Outlook – Western Pacific



## Tropical Disturbance – Invest 94W (as of 2:30 p.m. EDT)

- Located 435 miles SSE of Anderson AFB, Guam
- Moving NW; maximum sustained winds at 25-30 mph
- Conditions favorable for gradual organization
- Formation chance through 48 hours: Medium



# Joint Preliminary Damage Assessments



Region	State / Location	Event	IA/PA	Number of Counties		Start – End
				Requested	Completed	
V	Minnesota	Severe Storms and Flooding September 21, 2016 – continuing	IA	4	0	10/10 – TBD
			PA	9	0	10/10 – TBD
VII	Iowa	Severe Storms and Flooding September 21 – October 3, 2016	PA	19 (+1)	0	10/12 – TBD
X	Alaska	Kotlik Structure Fire August 18, 2016	PA	1	0	10/4 – TBD

# Disaster Requests & Declarations



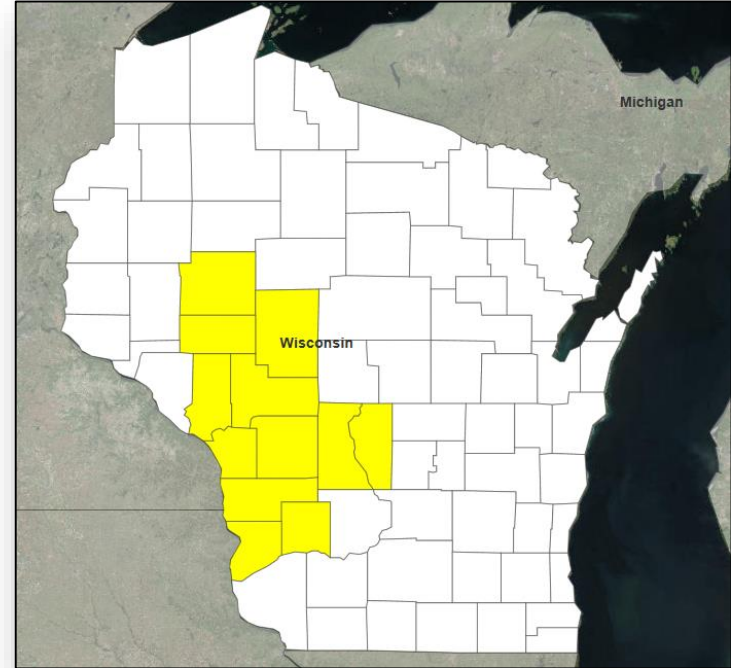
Declaration Requests in Process		Requests APPROVED (since last report)	Requests DENIED (since last report)
3	Date Requested	0	0
Navajo Nation – DR Severe Storms and Flooding	September 21, 2016		
Kansas – DR Severe Storms and Flooding	October 10, 2016		
Wisconsin – DR Severe Storms, Flooding and Mudslides	October 11, 2016		

# Declaration Request



## Wisconsin

- Governor requested a Major Disaster Declaration on October 11, 2016
- As a result of severe storms, flooding and mudslides during the period of September 21-22, 2016
- Requesting
  - Public Assistance for 12 counties
  - Hazard mitigation statewide

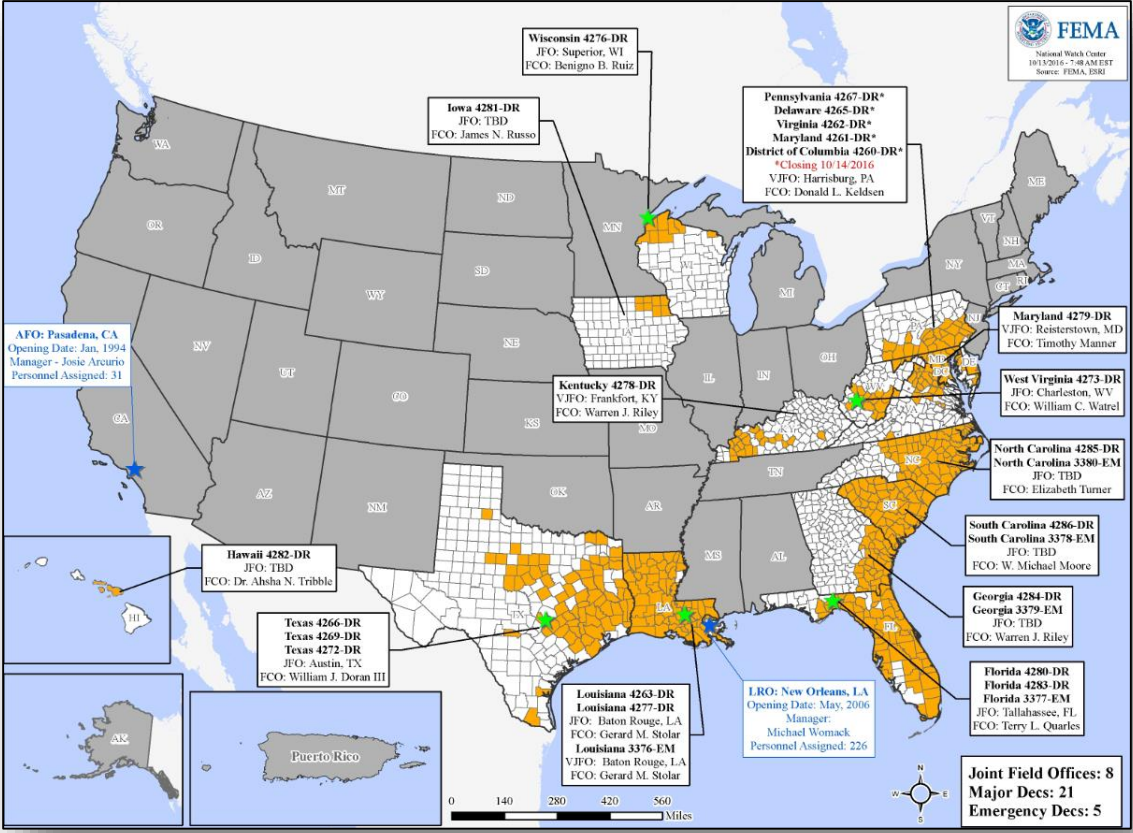


# Disaster Amendments



Amendment	Effective Date	Action
Amendment No. 2 to FEMA-4285-DR-NC	October 12, 2016	<ul style="list-style-type: none"><li>• Adds one county for Individual Assistance (already designated for Categories A &amp; B &amp; Direct Federal Assistance)</li><li>• Adds two counties for Individual Assistance (Categories A &amp; B, plus Direct Federal Assistance)</li></ul>

# 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	25	89%	0	0	3	Blue IST to GA NY-TF1, MO-TF1, PA-TF1 working in NC MD-HEPP working in NC	<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	3	23%	0	0	10	<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 IA (DR-4281) <a href="#">Region IX-1 to HI (DR-4282)</a>	<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> <i>R-IMAT also red if TL Ops / Log Chief is unavailable &amp; has no qualified replacement</i>
MERS	Green	18	14	78%	0	0	4	<u>Deployed:</u> <a href="#">Groveland</a> , Ocala, and Tallahassee, FL <a href="#">Albany</a> , Augusta, Dobbins ARB, Thomasville, GA Fort Bragg, <a href="#">Lumberton</a> , Raleigh, and <a href="#">Rockingham</a> , NC Columbia, SC	<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, Day shift only (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	Not Activated		
HLT	Green	1	1	100%	0	0	Activated		
RRCCs	Green	10	10	100%	0	0	Activated	Region IV at Level III, Day shift only (Hurricane Matthew)	
RWCs/MOCs	Green	10	10	100%	0	0	Activated	Region IV at Enhanced Watch, Night shift only (Hurricane Matthew)	



# 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.**