

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

Thursday, December 22, 2016

8:30 a.m. EST

# Significant Activity – Dec 21-22



**Significant Events:** None

**Significant Weather:**

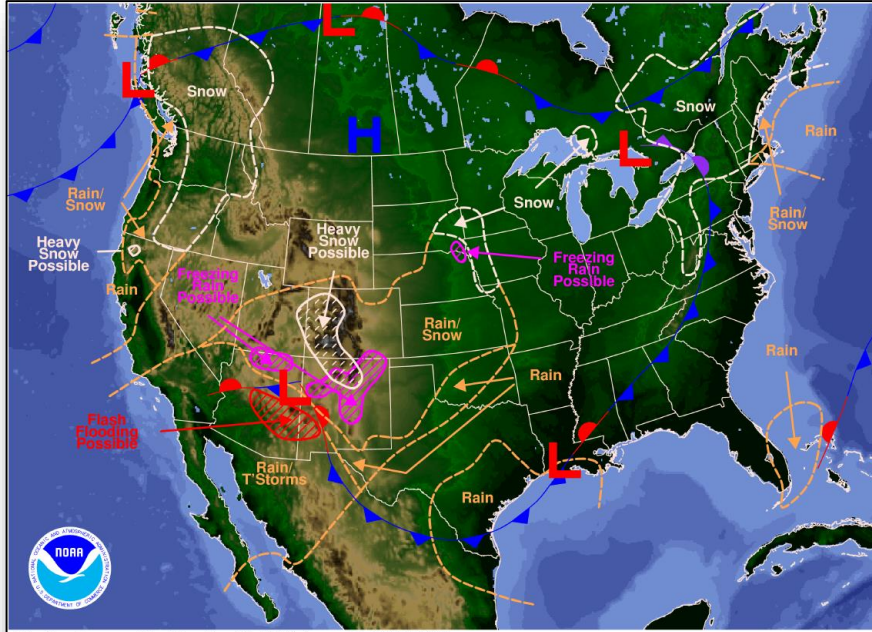
- Rain and snow – Pacific Northwest to Northern Intermountain, Central Great Basin to Plains
- Rain – northern CA; Southern Plains
- Rain and thunderstorms - southern CA to Southwest
- Freezing rain possible – Southwest and Southern Rockies
- Flash flooding possible - Southwest
- Snow – Northern Intermountain to Northern Rockies; Northern Plains to Upper Mississippi Valley; Great Lakes to Northeast and Central Appalachians
- Heavy snow possible – Central/Southern Rockies
- Space Weather – Past 24 hours: moderate, geomagnetic storms reaching G2 level occurred; next 24 hours: minor, geomagnetic storms reaching G1 level likely

**Tropical Activity Western Pacific:** Tropical Storm 30W (NOCK-TEN)

**Earthquake Activity:** No significant activity

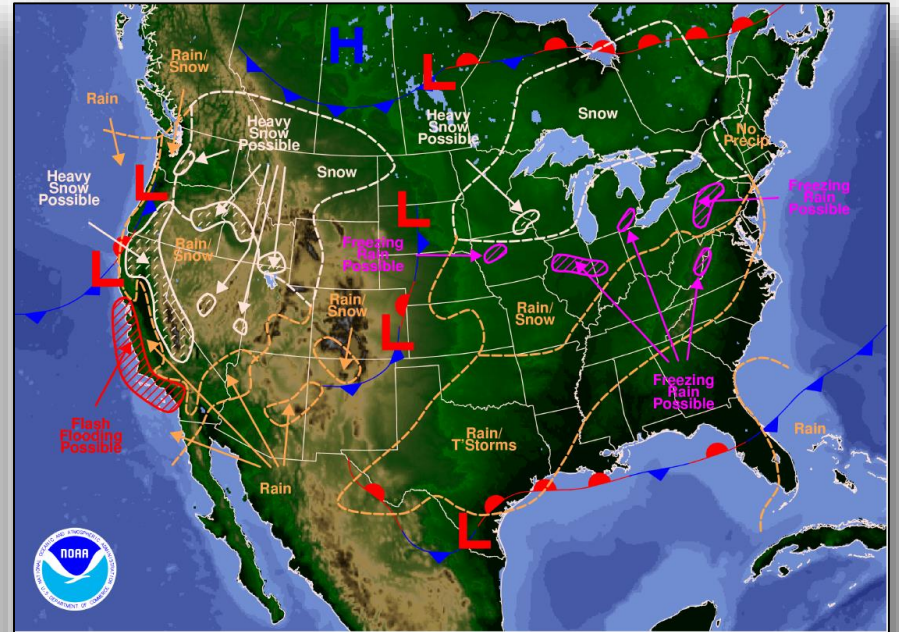
**Declaration Activity:** None

# National Weather Forecast



Weather Forecast for Thu, Dec 22, 2016, issued 1:48 AM EST  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by McCreynolds based on WPC, SPC and NHC forecasts

*Today*



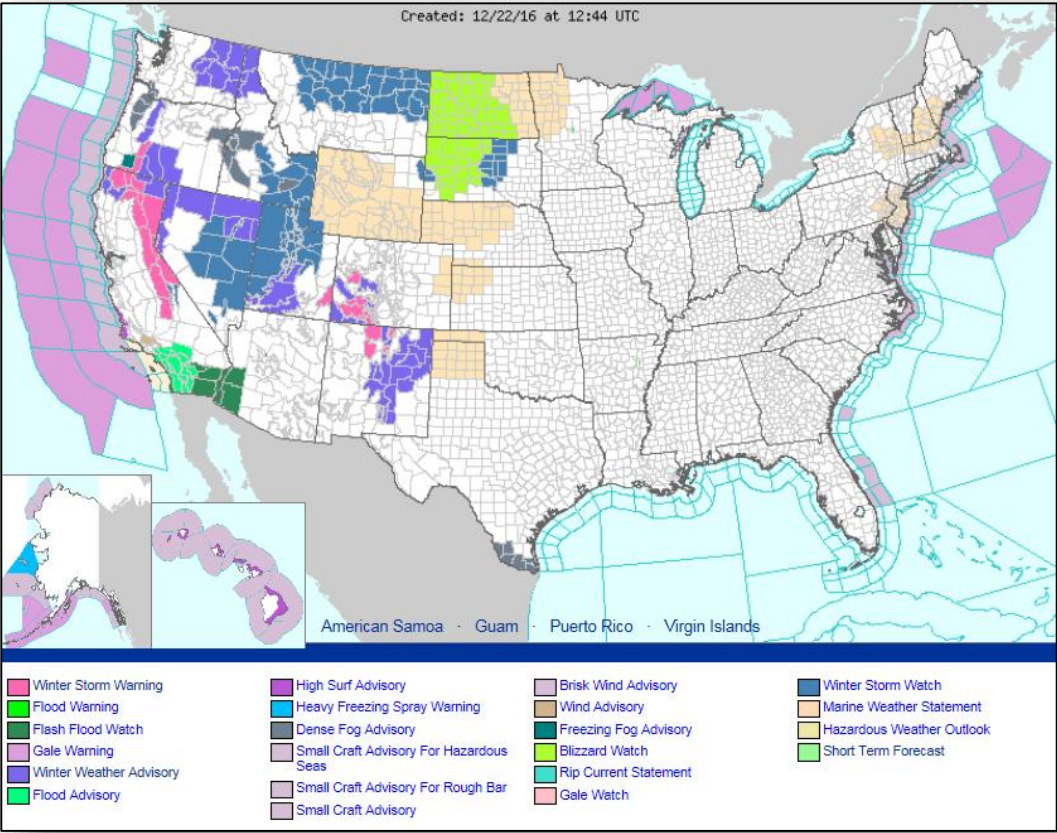
Weather Forecast for Fri, Dec 23, 2016, issued 5:08 AM EST Thu, Dec 22, 2016  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by McCreynolds based on WPC, SPC and NHC forecasts

*Tomorrow*

# Active Watches and Warnings



FEMA

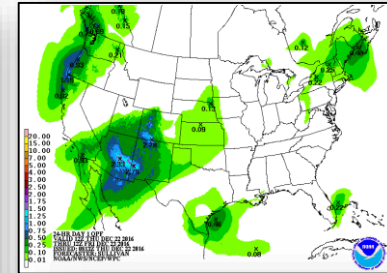
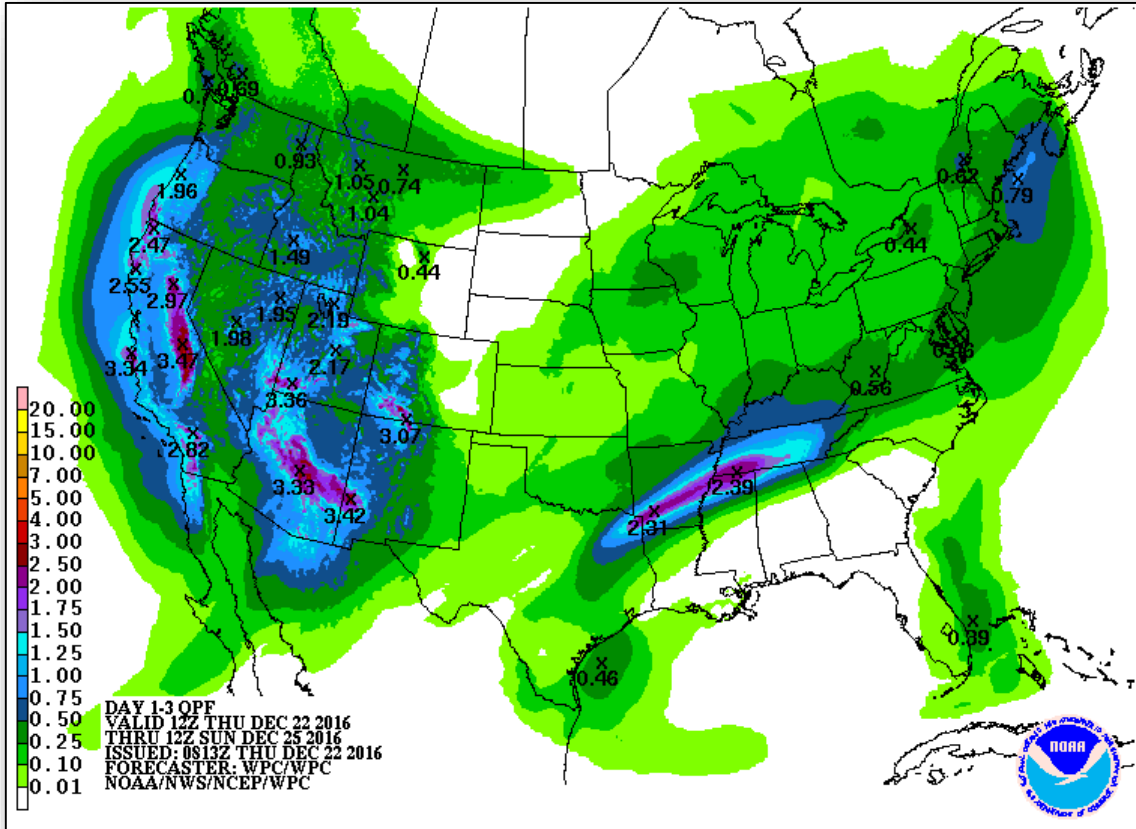




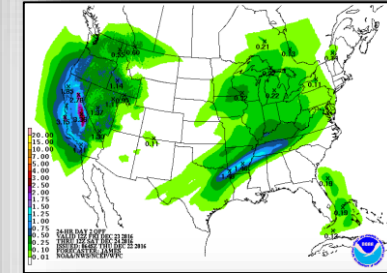
# Precipitation Forecast – Days 1-3



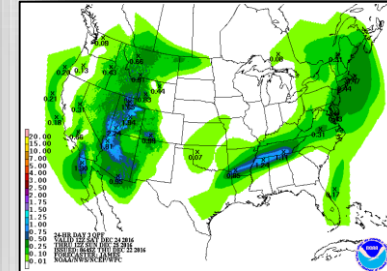
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Day 1



Day 2



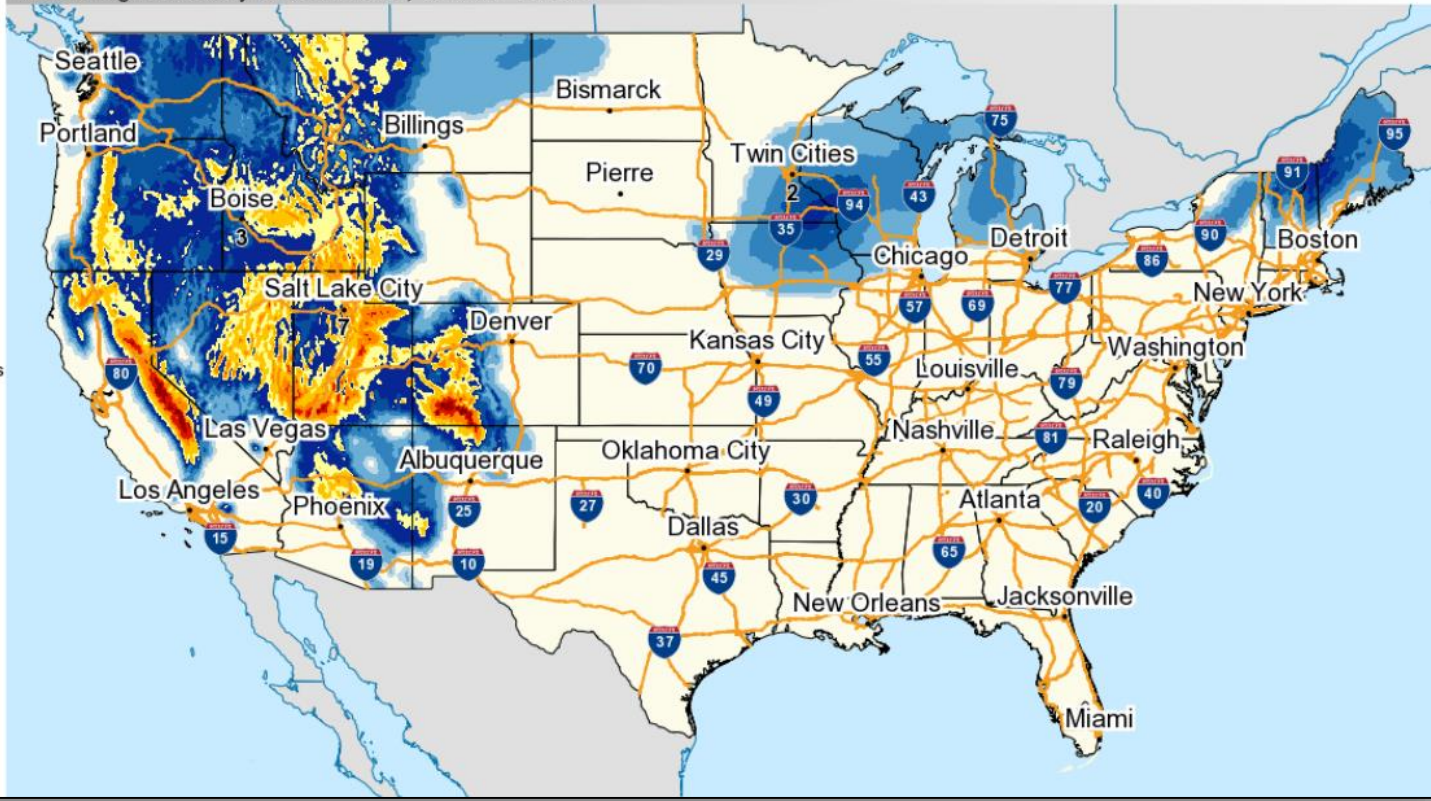
Day 3

# Forecast Snowfall



Valid Ending Wednesday December 31st, 1969 at 7 PM EST

- Less than an inch
- 1 to 2 inches
- 2 to 3 inches
- 3 to 4 inches
- 4 to 6 inches
- 6 to 8 inches
- 8 to 12 inches
- 12 to 18 inches
- 18 to 24 inches
- 24 to 30 inches
- 30 to 36 inches
- Greater than 36 inches

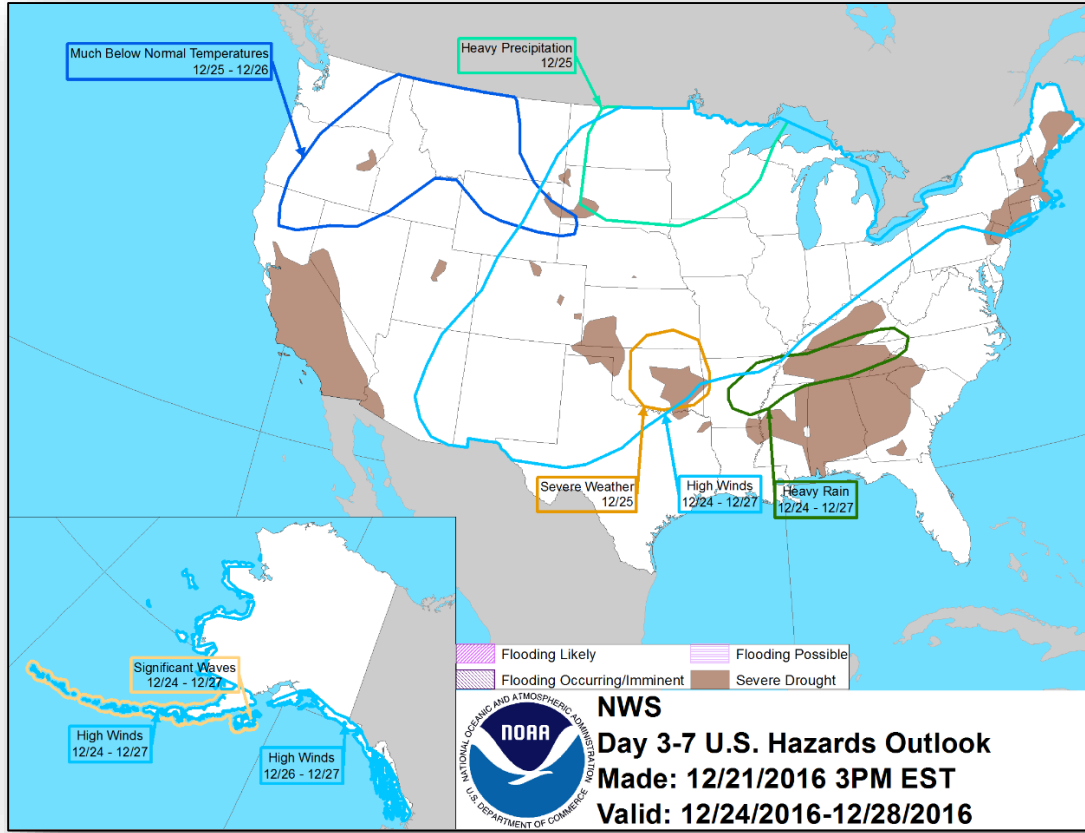


Graphic Created  
December 22nd, 2016  
7:29 AM EST

# Hazards Outlook – Dec 24 - 28



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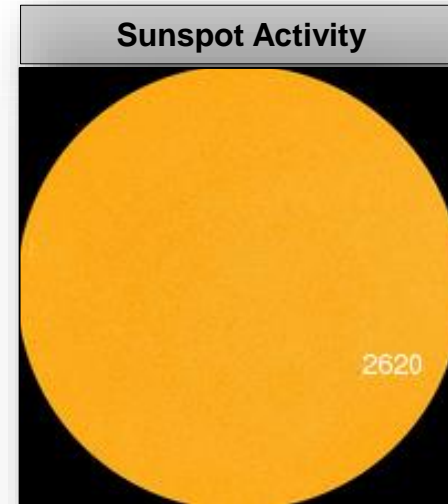
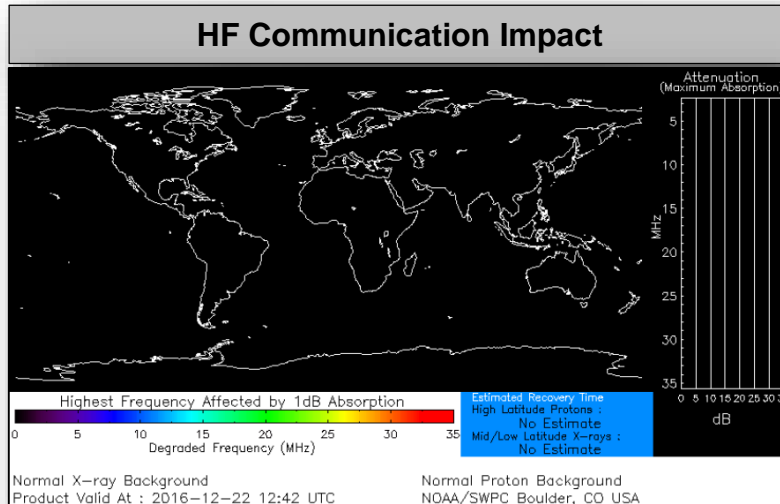
# Space Weather



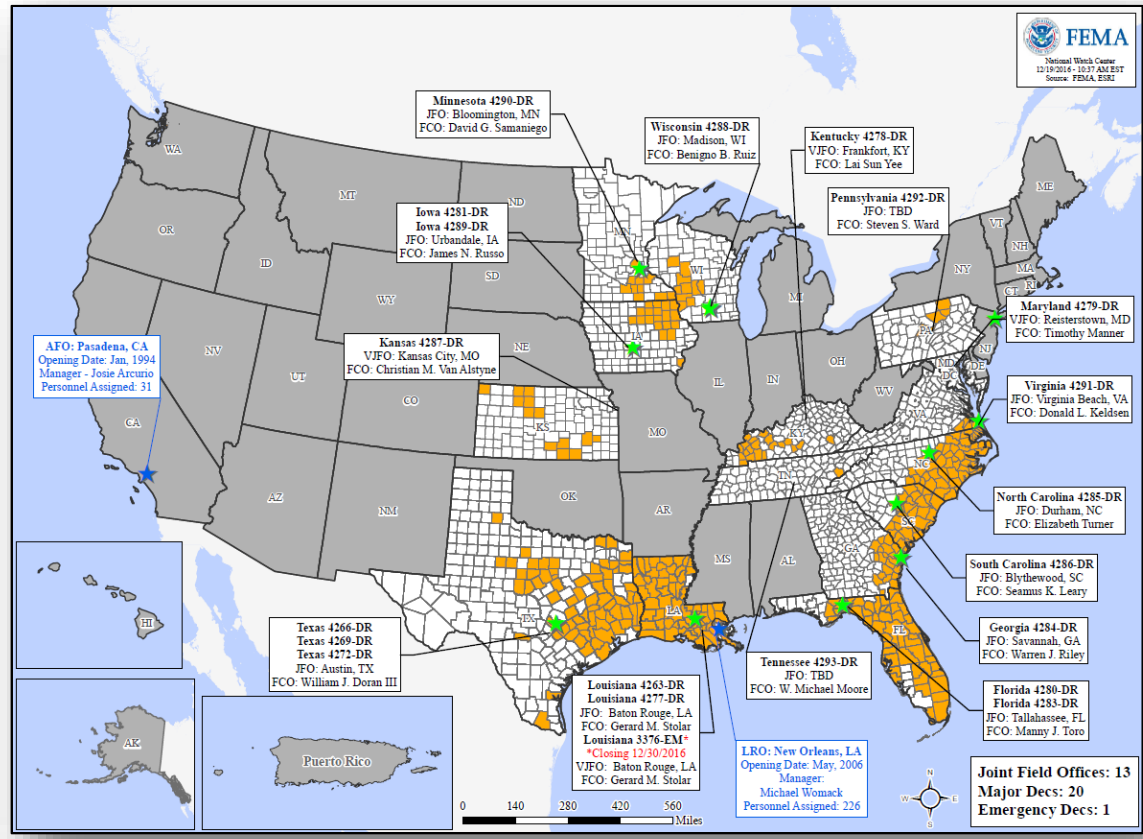
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	Space Weather Activity	Geomagnetic Storms	Solar Radiation	Radio Blackouts
Past 24 Hours	Moderate	G2	None	None
Next 24 Hours	Minor	G1	None	None

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



# Open Field Offices



# Readiness – Deployable Teams and Assets



Resource	Status	Total	FMC Available		Partially Available	Not Available	Detailed, Deployed, Activated	Comments	Rating Criteria																				
National IMAT	Yellow	3	2	66%	0	0	1	East 2 to LA (DR-4277)	Green: >3 Teams Available Yellow: 1 - 2 Teams Available Red: 0 Teams Available  <i>N-IMAT red if 50% of Section Chiefs or Team Leader unavailable for deployment</i>																				
Regional IMAT	Green	13	7	54%	0	1	5	Region IV Team-2: Reconstituting – FMC Jan 6 <b>Deployed:</b> Region III to VA (DR-4291) Region IV-1 to NC (DR-4285) Region V to MN (DR-4290) Region VI-1 to TN (DR-4293) Region VII to IA (DR-4281)	Green > 6 Teams Available Yellow: 4 - 6 Teams Available Red: 0 - 4 Teams Available  <i>R-IMAT also red if TL or Ops / Log Chief is unavailable &amp; has no qualified replacement</i>																				
FCO	Red	34	5	15%	0	5	24		OCD 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> <tr> <td>FDRC</td> <td>3</td> <td>2</td> <td>1</td> </tr> </table>	FCO	Green	Yellow	Red	Type 1	3+	2	1	Type 2	4+	3	2	Type 3	4+	3	2	FDRC	3	2	1
FCO	Green	Yellow	Red																										
Type 1	3+	2	1																										
Type 2	4+	3	2																										
Type 3	4+	3	2																										
FDRC	3	2	1																										
FDRC	Green	11	4	36%	0	2	5																						
US&R	Green	28	28	100%	0	0	0		Green: >66% Available Yellow: 33% - 66% Available Red: <33% Available																				
MERS	Green	18	17	94%	0	0	1	<b>Assets are supporting:</b> TN (DR-4293)	Green: >66% Available Yellow: 33% - 66% Available Red: <33% Available																				

# Readiness – National and Regional Teams



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Resource	Status	Total	FMC Available		Partially Available	Not Available	Status	Comments	Rating Criteria
NWC		5	5	100%	0	0	Watch / Steady State	<ul style="list-style-type: none"> <li>• Green = FMC</li> <li>• Yellow = PMC</li> <li>• Red = NMC</li> </ul>	
NRCC		2	2	100%	0	0	Not Activated		
HLT		1	1	100%	0	0	Not Activated		
RRCCs		10	10	100%	0	0	Not Activated		
RWCs/MOCs		10	10	100%	0	0	Not Activated		



# Common Operating Picture

## Hurricane Matthew

FEMA-4285-DR-NC

Declared: 10/10/2016 Incident Period: 10/04/2016 to 10/24/2016

12/22/2016 (Day 73)



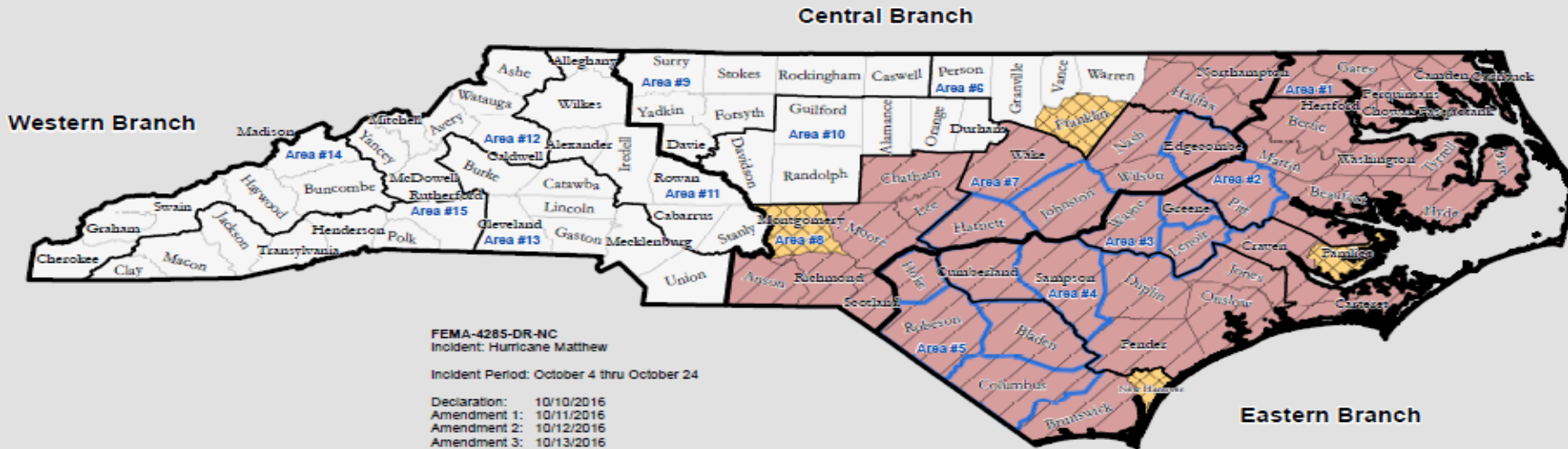
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### INCIDENT FACILITIES MAP

1. Incident Name  
FEMA-4285-DR-NC

2. Date  
12/21/2016

3. Time  
1613 EDT

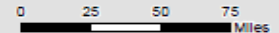


**FEMA-4285-DR-NC**  
 Incident: Hurricane Matthew  
 Incident Period: October 4 thru October 24

Declaration: 10/10/2016  
 Amendment 1: 10/11/2016  
 Amendment 2: 10/12/2016  
 Amendment 3: 10/13/2016  
 Amendment 4: 10/13/2016  
 Amendment 5: 10/17/2016  
 Amendment 6: 10/17/2016  
 Amendment 7: 10/19/2016  
 Amendment 8: 10/24/2016  
 Amendment 9: 10/25/2016  
 Amendment 10: 10/31/2016  
 Amendment 11: 11/01/2016  
 Amendment 12: 11/03/2016  
 Amendment 13: 11/03/2016 (Direct Housing Mission)  
 Amendment 14: 11/14/2016 (Incident Closed: 10/24/2016)  
 Amendment 15: 11/10/2016

<b>Designated Counties</b>	State Area
PA Cat A - G	Branch
IA, PA Cat A - G	Direct Housing Approved
No Designation	

All areas in the State of North Carolina are eligible for assistance under the Hazard Mitigation Grant Program.



4. Source(s):  
FEMA



5. Prepared by (Name and Position)  
NC-JFO/GIS

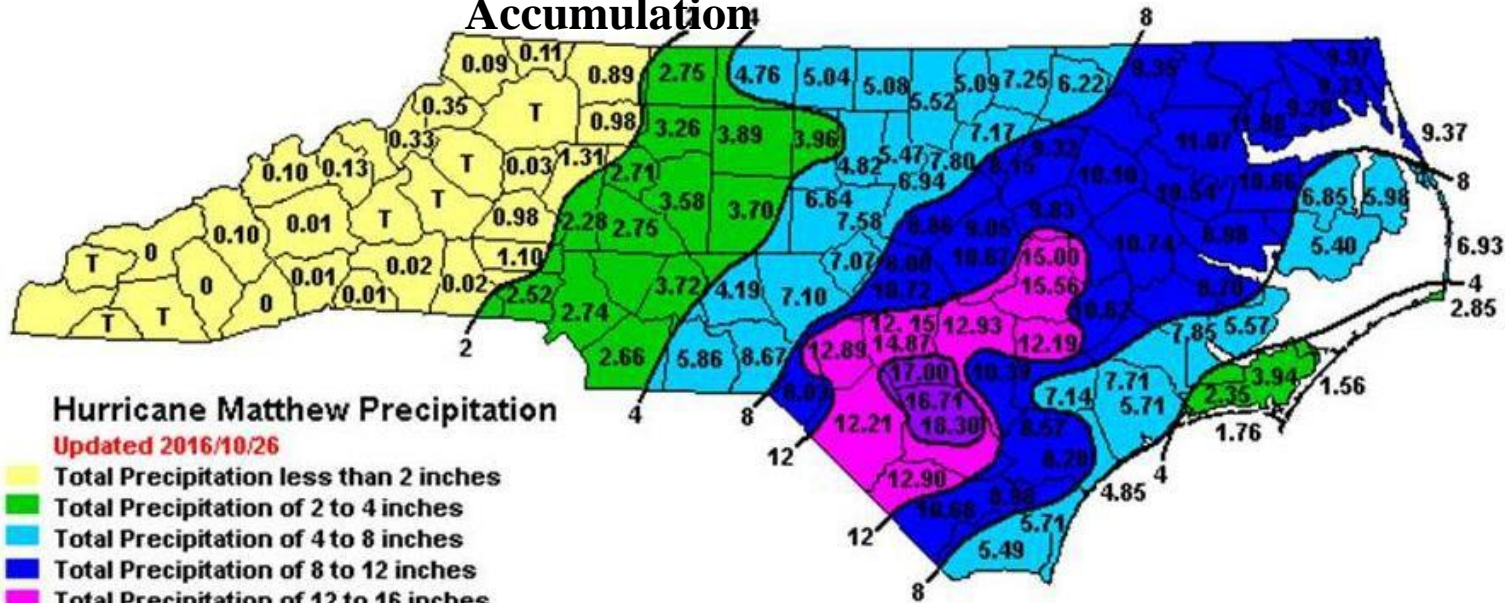




# Common Operating Picture

## Hurricane Matthew

### Total Rainfall Accumulation



#### Hurricane Matthew Precipitation

Updated 2016/10/26

- Total Precipitation less than 2 inches
- Total Precipitation of 2 to 4 inches
- Total Precipitation of 4 to 8 inches
- Total Precipitation of 8 to 12 inches
- Total Precipitation of 12 to 16 inches
- Total Precipitation of 16 inches or more

Precipitation amounts reported in inches.

Analysis based on observed rainfall and radar estimates



# Common Operating Picture

## Hurricane Matthew

FEMA-4285-DR-NC

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12/22/2016 (Day 73)



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### Hurricane Matthews Response Snapshot

- 48 States of Emergency
- 44 County EOCs Open
- 109 Shelters Open
- Approximately 4,000 Shelter Occupants @ Peak
- 40K+ Daily Hot Meals @ Peak
- 2,200+ Rescues by Boat
- 90 Rescues by Helicopter
- Predictive Analysis was Vital



# Common Operating Picture

## Hurricane Matthew



### Central Force Laydown

#### Edgecombe County

- Disaster Recovery Center #21
- Direct Housing Operations Crew
- Insurance Crew

#### Harnett County

- Direct Housing Operations Crew

#### Johnston County

- Direct Housing Operations Crew

#### Richmond County

- Community Education Outreach Crew #4

#### Wake County

- Public Assistance Task Force
- Media Relations Specialist

### Eastern Force Laydown

#### Bladen County

- Direct Housing Operations Crew

#### Columbus County

- Disaster Recovery Center #19
- Closing at COB on 12/21/2016
- Direct Housing Operations Crew
- Community Education Outreach Crew #1

#### Craven County

- Community Education Outreach Crew #2

#### Cumberland County

- Disaster Recovery Center #10
- Disaster Survivor Assistance Crew
- Business Recovery Center #1

#### Duplin County

- Public Assistance Task Force

#### Hoke County

- Direct Housing Operations Crew

#### Lenoir County

- Direct Housing Operations Crew

#### New Hanover County

- (2) Intergovernmental Affairs Specialists

#### Pasquotank County

- Community Education Outreach Crew #3

#### Pender County

- Intergovernmental Affairs Specialist

#### Pitt County

- Direct Housing Operations Crew
- Business Recovery Center #2

#### Robeson County

- Disaster Recovery Center #18
- Direct Housing Operations Crew
- Disaster Survivor Assistance Crew
- Business Recovery Center #3
- Intergovernmental Affairs Specialist
- Insurance Crew
- TSA Transition Crew
- Public Assistance Task Force

#### Sampson County

- Direct Housing Operations Crew

#### Wayne County

- Direct Housing Operations Crew
- Disaster Recovery Center #6

#### All Individual Assistance Counties

- 24 Inspectors throughout all Individual Assistance Designated Counties

#### All Public Assistance Designated Counties

- Public Assistance Crew Leaders will be operating in the assigned counties
- Public Assistance Site Inspection Crews operating in designated counties. Hazard Mitigation and Environmental Historic Preservation also staffing site inspections as needed.



# Common Operating Picture

## Hurricane Matthew

FEMA-4285-DR-NC

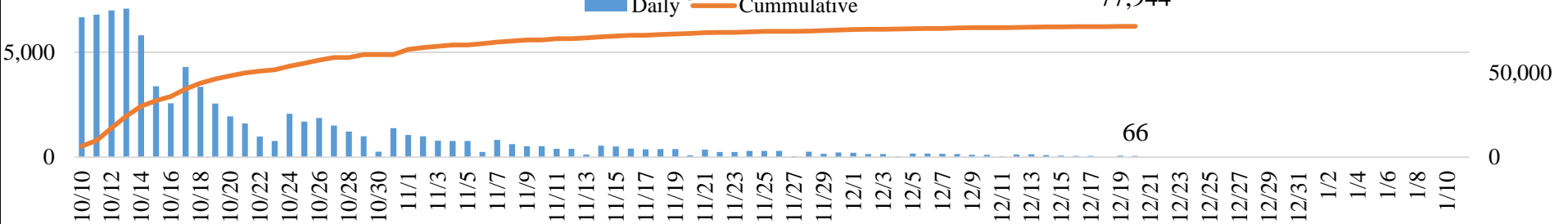
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12/22/2016 (Day 73)

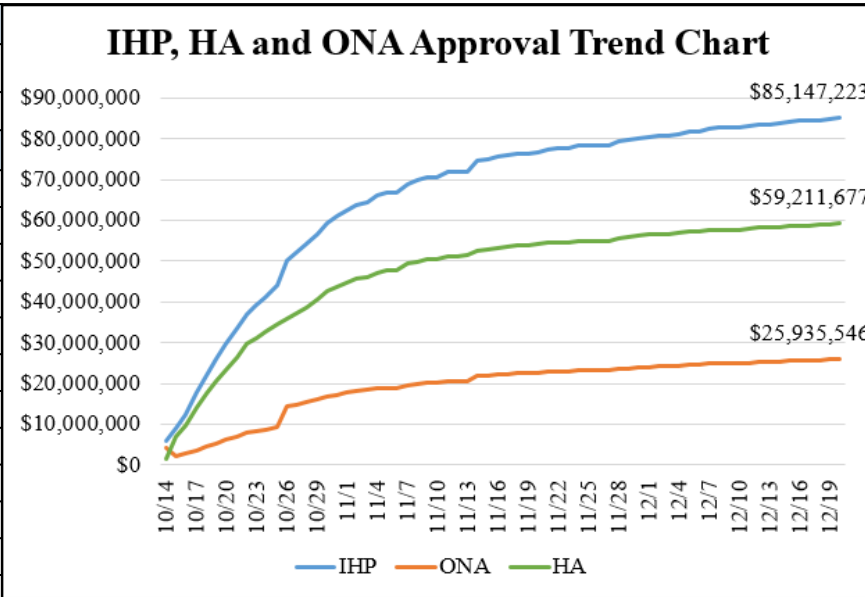


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### IA Registration Chart



Transitional Shelter Assistance		
Households Currently Checked In	1,728 (-10)	
Occupied Hotel Rooms	1,901 (-9)	
Households Checked In by County		
Columbus County	106	+1
Cumberland County	324	-2
Dare County	16	0
Edgecombe County	325	-3
Hoke County	5	0
Johnston County	43	-2
Lenoir County	68	-1
Pitt County	50	-1
Robeson County	633	-2
Wayne County	136	0
Wilson County	22	0
<b>Total</b>	<b>1,728</b>	<b>-10</b>



Individual Assistance	
Total Registrations	77,944
Total IHP \$\$ Approved	\$85,147,223
Total ONA \$\$ Approved	\$25,935,546
Total HA \$\$ Approved	\$59,211,677
Max \$\$ Awards (132)	\$4,397,100
Housing Inspections	
Inspections	58,348
Total Inspections Returned	58,156
Outstanding	192
% Completed	99.7%



# Common Operating Picture

## Hurricane Matthew

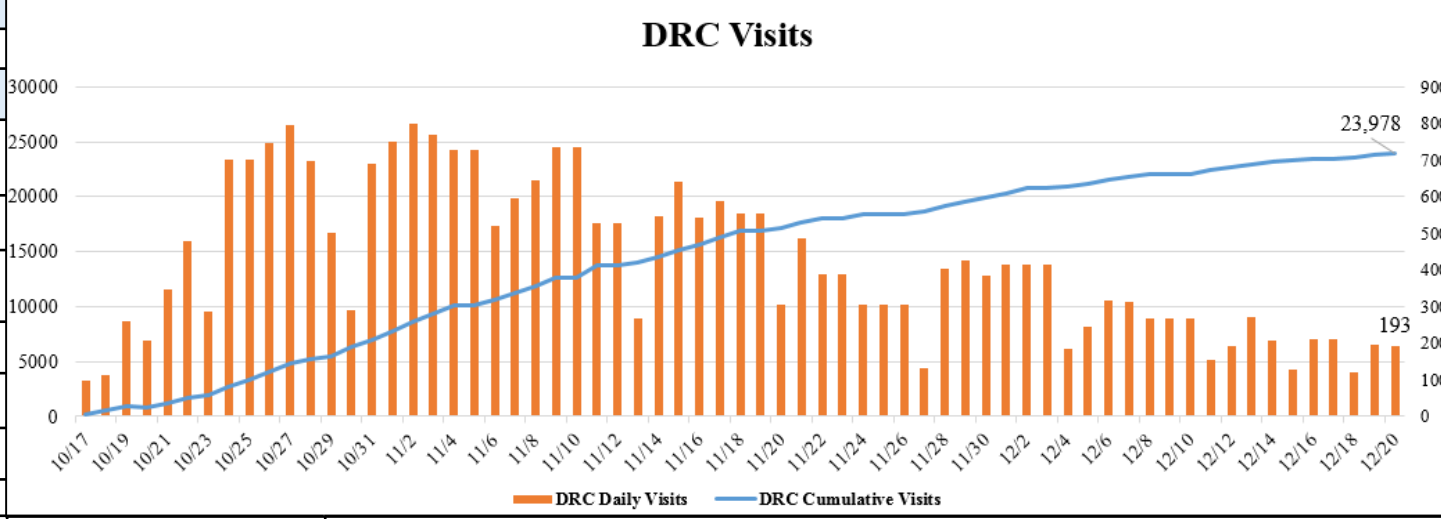
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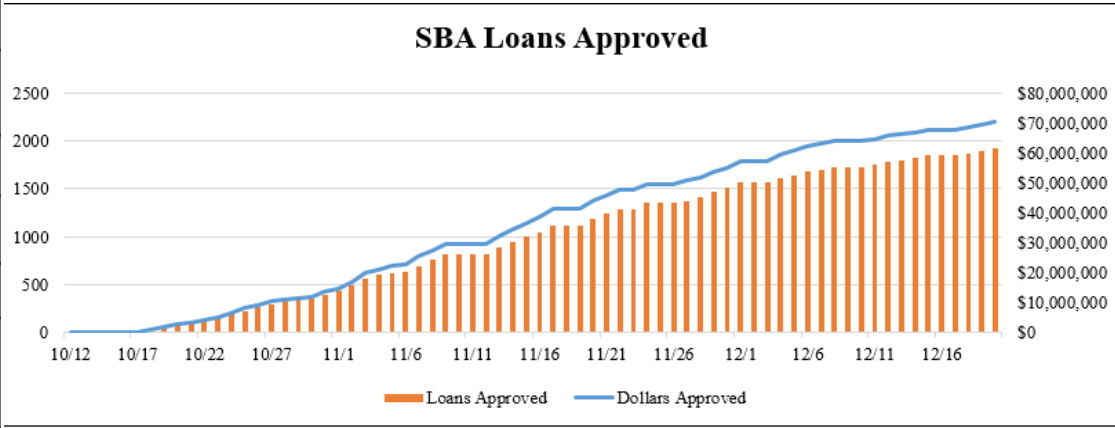
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DRCs Open		
Open DRCs		5
Open DRCs		
DRCs	Daily Visits	Cumulative Visits
DRC #6 (Wayne) Closing on 1/6/2017	48	2,790
DRC #10 (Cumberland)	51	3,738
DRC #18 (Robeson)	38	5,221
DRC #19 (Columbus) Closed on 12/21/2016	29	1,159
DRC #21 (Edgecombe)	27	101
<b>Total</b>	<b>193</b>	<b>13,909</b>



### SBA Loan Activity as of COB 12/20/2016

LOAN APPLICATIONS	HOME	BUSINESS	EIDL	TOTAL
Issued	31,746	8,191	122	40,059
Received	5,328	764	82	6,174
Loans Approved	1,673	226	19	1,918
Dollars Approved	\$55,153,400	\$14,293,300	\$778,900	\$70,225,600







# Common Operating Picture

## Hurricane Matthew



FEMA-4285-DR-NC

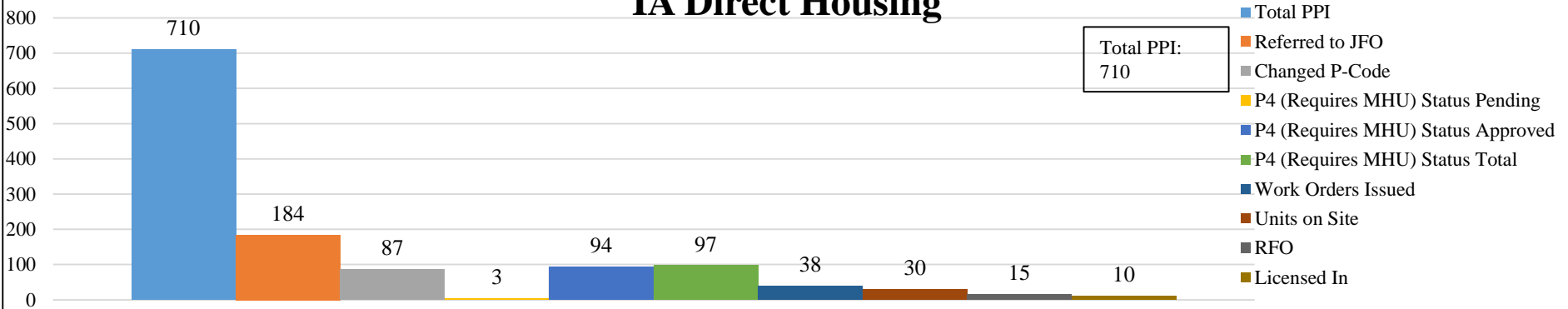
Declared: 10/10/2016 Incident Period: 10/04/2016 to 10/24/2016

12/22/2016 (Day 73)

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County	Total PPI	Referred to JFO	Changed P-Code*	P4 (Requires MHU) Status			Work Orders Issued	Units on Site	RFO	License In
				Pending	Approved	Total				
Bladen	36	4	3	0	1	1	0	0	0	0
Columbus	47	8	3	1	4	5	0	0	0	0
Edgecombe	197	80	36	0	44	44	12	11	0	0
Harnett	13	3	2	0	1	1	0	0	0	0
Hoke	5	0	0	0	0	0	0	0	0	0
Johnston	33	5	1	0	4	4	0	0	0	0
Lenoir	31	8	4	1	3	4	6	0	0	0
Pitt	15	2	1	0	1	1	0	0	0	0
Robeson	162	42	24	0	18	18	12	12	12	8
Sampson	29	3	1	0	2	2	0	0	0	0
Wayne	142	29	12	1	16	17	8	7	3	2
<b>TOTAL</b>	<b>710</b>	<b>184</b>	<b>87</b>	<b>3</b>	<b>94</b>	<b>97</b>	<b>38</b>	<b>30</b>	<b>15</b>	<b>10</b>

### IA Direct Housing



\*Changed P-code as result of applicant(s) returning to repaired dwelling, locating another resource, or not requiring MHU, etc.



FEMA-4285-DR-NC

Declared: 10/10/2016 Incident Period: 10/04/2016 to 10/24/2016

12/22/2016 (Day 73)



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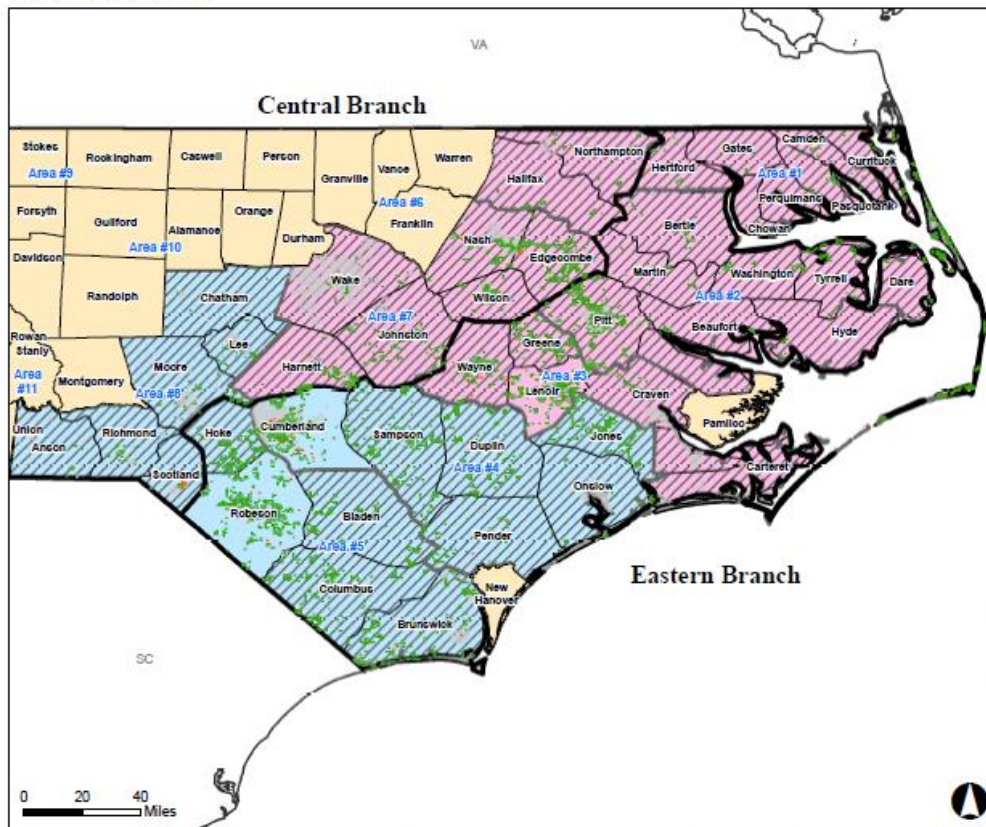
# Common Operating Picture

## Hurricane Matthew

Disaster Survivor Assistance		
DSATs in the Field	2	
Counties with DSATs	2	
	Daily	Total
Homes Visited	2,426	80,152
Survivor Interactions	239	39,453
Survivor Registrations	19	3,048
Case Updates	2	608
Case Inquires	1	2,031
Whole Community Referrals	113	3,848
Community Locations Visited	0	1,260
Private Sector Visited	2	2,379
Public Space	1	430
Other Shelters	0	174

### DSA Activities in IA Designated Counties as of (21 December 2016, 0800 EDT)

FEMA-4285-DR-NC



North Carolina



**Data Layer / Map Description:**  
 Disaster Survivor Assistance (DSA) Team Activity in IA Designated Counties. DSA status updated as of December 21, 2016 0800 hours. Limited Presence Counties updated as of December 20, 2016.

- Legend**
- City Limit
  - Branch
  - Not Desig. for IA
  - Limited Presence (42)

In limited presence counties, DSA has completed its mission of canvassing the counties identified by the Local or County Emergency Manager, and is shifting support from a daily to an on-call basis, if issues or concerns should arise.

- DSA Team Status**
- In Progress (50)
  - Completed (3,903)
- DSA Group Supervisors**
- DSA Group A (28)
  - DSA Group B (17)

Data: FEMA, SMART2, ESRI



# Common Operating Picture

## Hurricane Matthew

FEMA-4285-DR-NC

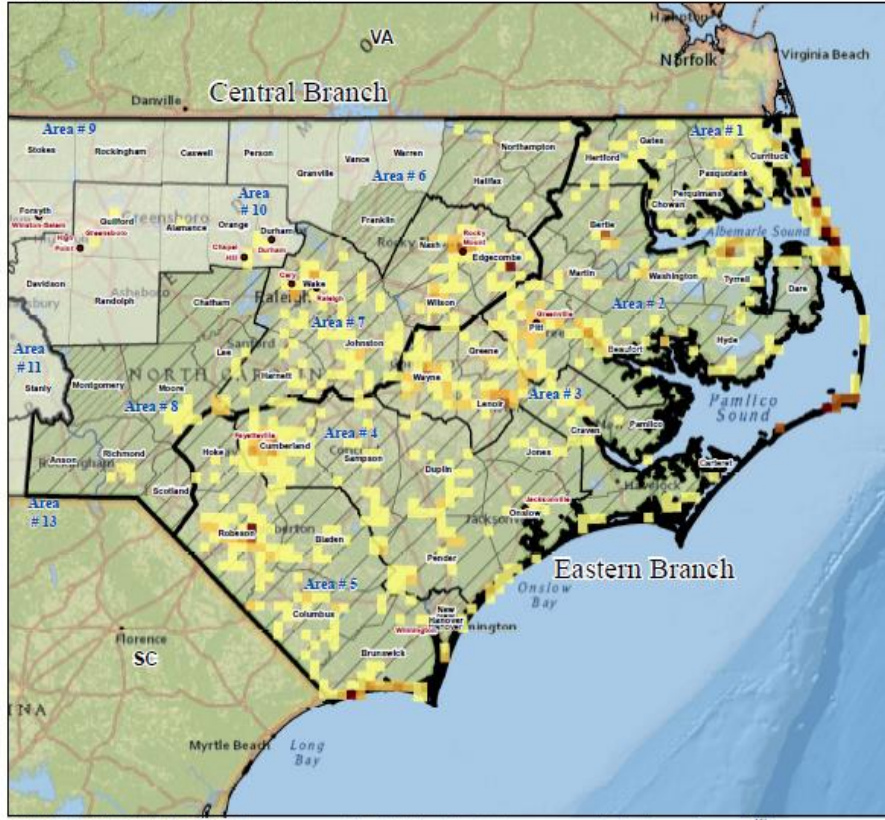
Declared: 10/10/2016 Incident Period: 10/04/2016 to 10/24/2016

12/22/2016 (Day 73)



FEMA

### Claims per 5KM Grid (NFIP Detailed Polling) FIUO FEMA-4285-DR-NC - Hurricane Matthew



**Data Layer / Map Description:**  
NFIP Detailed Polling (WFO) As of November 03, 2016  
NFIP Policies As of August 31, 2016  
Designated Counties Amendment 15 as of November 21, 2016  
Current as of: 12/20/2016

- Legend**
- Cities
  - NFIP Detailed Polling Claims per 5KM Grid
    - 1 - 7
    - 8 - 22
    - 23 - 47
    - 48 - 77
    - 78 - 223
  - Designated Counties
    - No Designation
    - IA, PA A - G
    - PA CAT A - G

**NFIP Detailed Polling Claims & Policies Totals**  
North Carolina  
NFIP Detailed Polling Claims: 19,147  
NFIP Policies: 114,510

**Disclaimer:**  
NFIP Policies can be up to 90 days out of date.  
NFIP Detailed Polling is a BRAND NEW data stream, and has not been through many of the quality controls that our legacy system has built in. We trust this data more than the quick claims data, but do not consider it to be definite or authoritative.

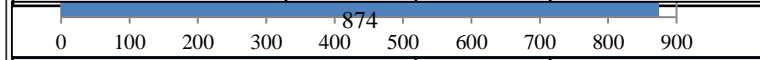
**FEMA-4285-DR-NC**  
Declared: October 10, 2016  
Incident Period: October 4, 2016 thru October 24, 2016  
Amendment 16: November 21, 2016  
Data Sources:  
FIMA, FEMA, ESRI

### National Flood Insurance Program Claims\*

Total No. of Claims	5,736
No. of Claims Closed with Payment	2,498
No. of Claims Closed without Payment	736
Total No. of Closed Claims	3,234
% Closed	56.38%
Total Paid on All Claims	\$78,603,616

\*All numbers reported above are estimated from claims polling data and are not verified. Information is current as of COB, 12/20/2016.

	Planned	Complete	% Complete
Substantial Damage Estimate (SDE) Inspections	900	874	97.1%



	Planned	Complete	% Complete
General Technical Assistance Contacts Statewide (GTA)	288	152	52.8%



	Planned	Complete	% Complete
Insurance Agency Outreach	610	68	11.1%

### HM Insurance Outreach (FMI) Cumulative Counts

	Visits Completed	Cumulative
Cumberland County	8	38
Edgecombe County	0	9
Wayne County	0	16
Wilson County	0	5
Total Counties (Projected 610)	8	68



# Common Operating Picture

## Hurricane Matthew

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12/22/2016 (Day 73)

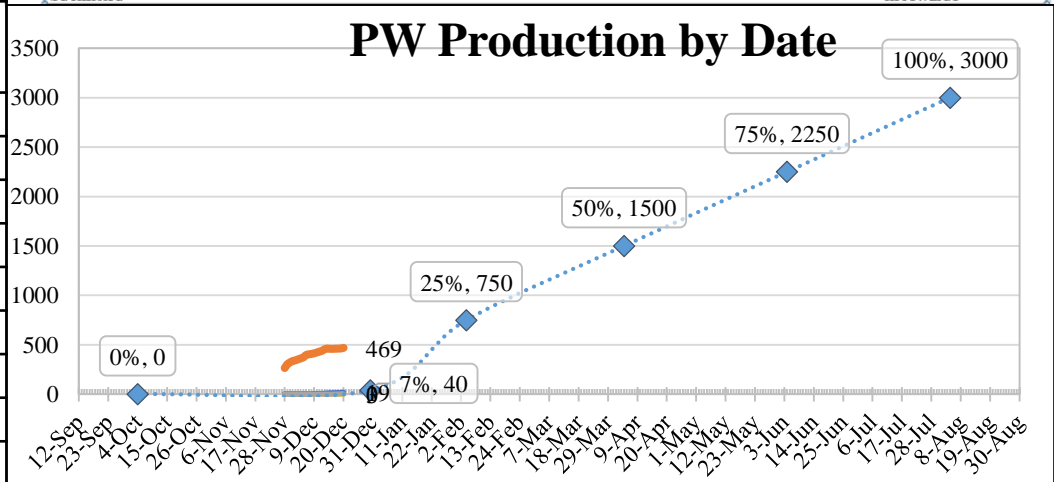
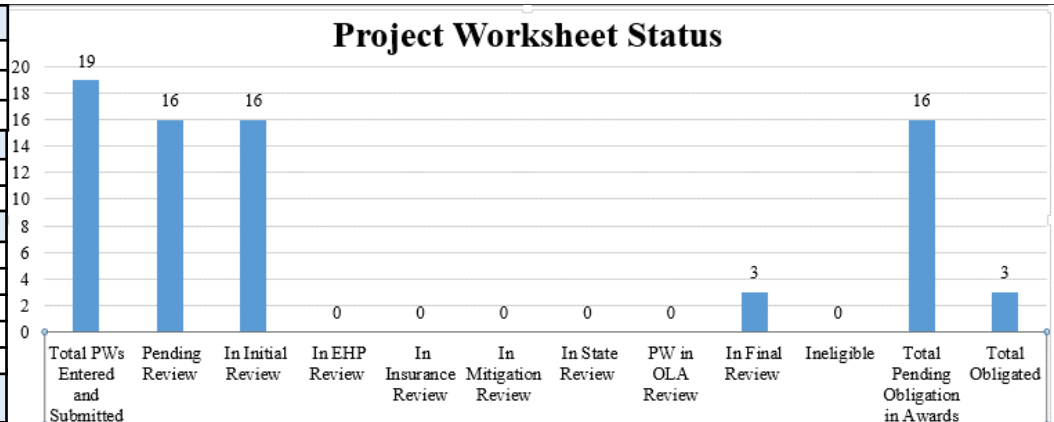


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Requests for Public Assistance			
Eligible RPAs	382		
Estimated RPAs	420		
*49 Applicant Briefings Completed			
Kick-Off Meeting/ Status by Applicant			
	Completed	Scheduled	To be Scheduled
Applicants	303	6	73
Project Worksheets			
Projected Project Worksheets	3,000		
Project Worksheets in EMMIE	19		
Percent of Project Worksheets in EMMIE	0%		
Obligated Project Worksheets	3		
Federal Share Obligated	\$6,951,757		

### Estimated Dollars of Project Worksheets

Category	Value	Under Review (100%)	Under Review (Fed Share)	Obligated (Fed Share)
A. Debris Removal	\$31,884,618	\$30,712	\$23,034	\$0
B. Protective Measure	\$40,617,160	\$7,548,741	\$5,661,556	\$5,174,306
C. Roads and Bridges	\$109,739,855	\$0	\$0	\$0
D. Water Facilities	\$2,826,082	\$0	\$0	\$0
E. Public Buildings	\$54,354,134	\$263,032	\$197,274	\$0
F. Public Utilities	\$16,317,305	\$0	\$0	\$0
G. Recreation/Other	\$45,224,158	\$15,513	\$11,635	\$0
Total Admin Cost	\$0	\$1,777,451	\$1,777,451	\$1,777,451
Grand Total	\$300,963,312	\$9,635,449	\$7,670,950	\$6,951,757







# Common Operating Picture

## Hurricane Matthew



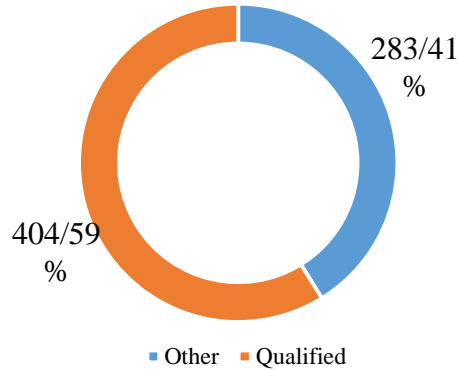
FEMA-4285-DR-NC

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12/22/2016 (Day 73)

FEMA

### Deployment Proficiency



### FQS Taskbook Endorsements

Total PTB Tasks Completed	12,022
Total Trainees Completed Tasks	389
Coach-Evaluators Endorsing Tasks	166

### Coach Evaluators

222 out of 687 staff are Coach Evaluators

### Finance Summary

\$203,279,153



\$2,555,328

\$64,977,038



\$137,494,225



-\$1,747,439

Total Allocations

Total Available Obligations

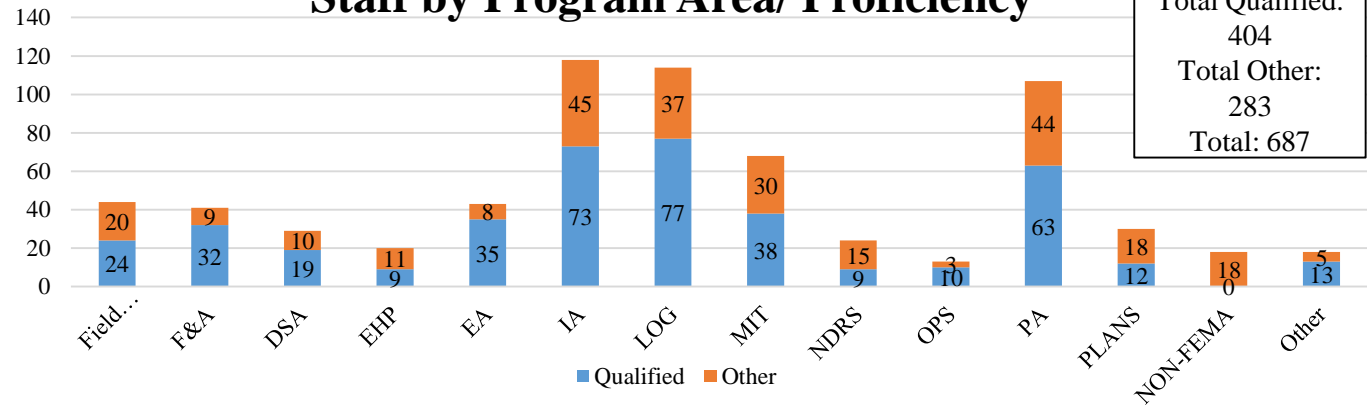
Total Available Commitments

Total Expenditures

### Summary

Staff located in JFO	537
Staff located in Annex	7
Staff located in Field	111
Staff Deployed not located in NC	32
Total Deployed	687
Staff Currently on Rotation	88
Local Hires Onboard	18
Local Hires awaiting Security Clearance	22

### Staff by Program Area/ Proficiency







FEMA-4285-DR-NC

# Common Operating Picture

## Hurricane Matthew

Declared: 10/10/2016 Incident Period: 10/04/2016 to 10/24/2016

12/22/2016 (Day 73)



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# Interagency Recovery Coordination (IRC) National Disaster Recovery Support (NDRS)

- Six Recovery Support Functions (RSFs) Fully Functional
  - Community Planning & Capacity Building (CPCB) (FEMA) - Building Strategies for local community engagements with the state
  - Economic (DOC) – Coordinating outreach with Counsels of Government and Economic Development Districts
  - Health and Social Services (HSS) - Completing Mission Scoping assessment for the sector
  - Housing (HUD) - Preparing & planning for three housing fairs (Wayne, Robeson & Edgecombe Counties)
  - Infrastructure (USACE) - Completing Mission Scoping assessment for the sector
  - Natural & Cultural Resources (DOI) – Coordinating Sector Kick-off Meeting with Partners
- Major Milestones
  - 11/07/16, Advance Evaluation Team (AET)
  - 01/16/17, Final Mission Scoping Assessment (MSA)
  - 03/15/17, Final Recovery Support Strategy (RSS)



US Army Corps  
of Engineers®





# Common Operating Picture

## Hurricane Matthew

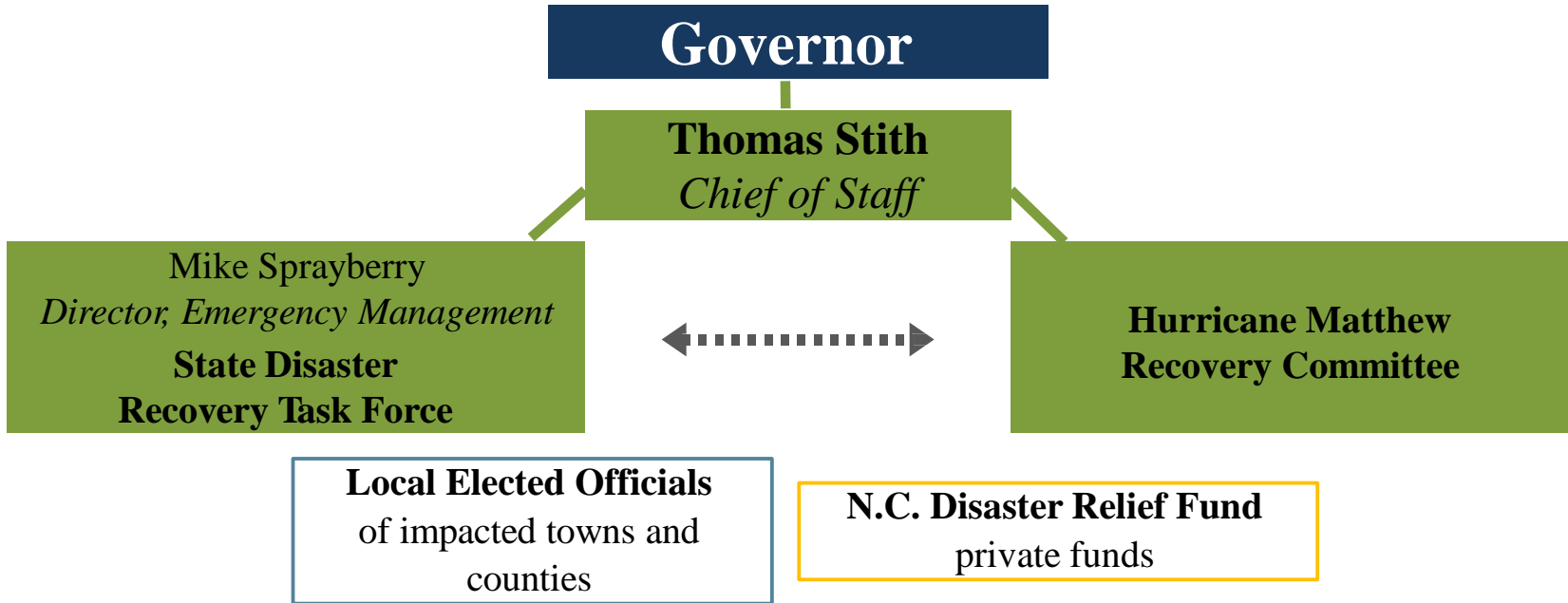
FEMA-4285-DR-NC

Declared: 10/10/2016 Incident Period: 10/04/2016 to 10/24/2016

12/22/2016 (Day 73)



FEMA



### The Hurricane Matthew Recovery Committee is charged with:

Fundraising for housing and small business recovery

Community Outreach

Developing long-term plans for sustainable recovery



# 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.**