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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

Tuesday, October 18, 2016

8:30 a.m. EDT

# Significant Activity – Oct 17-18



**Significant Events:** None

**Tropical Activity:**

- Atlantic – Disturbance 1 – Medium (40%)
- Eastern Pacific – Disturbance 1 – Low (30%)
- Central Pacific – No tropical cyclones expected through Wednesday evening
- Western Pacific – No activity affecting U.S. interests

**Significant Weather:**

- Rain and thunderstorms – Pacific Northwest, Lower/Middle Mississippi valleys, Ohio Valley, Great Lakes, Central Appalachians, and Northeast
- Heavy Snow – Central Rockies
- Red Flag Warnings – CA & CO
- Critical Fire Weather – CA
- Space Weather – Past 24 hours – None; next 24 hours – None

**Earthquake Activity:** No significant activity

**Declaration Activity:**

- Amendment No.1 to FEMA-4283-DR-FL; Amendment No. 1 to FEMA-3379-EM-GA;
- Amendments No. 1 & 2 to FEMA-4284-DR-GA; Amendments No. 5 & 6 to FEMA-4285-DR-NC;
- Amendment No. 2 to FEMA-4286-DR-SC
- FEMA-5157-FM-CO – Junkins Fire, CO

# Hurricane Matthew Update



## Impacts/Critical Infrastructure

- 46 confirmed fatalities: 13 in FL; 26 in NC; 3 in SC; and 4 in GA (FEMA Region IV SITREP #17, 6:00 p.m. EDT, Oct 16)
- River and stream flooding continues across NC & SC
  - Most rivers have crested; however, river levels may not return to normal for another week or more
- Dam assessments ongoing
- Numerous bridges, secondary roads and some highways remain closed across Region IV
- I-95 has reopened
- Power outages are minimal across the affected areas



Hurricane Matthew: A small boat run aground in St. Augustine, FL.

Photo Credit: NWC's Mariano Torres

## **Shelter Numbers (statewide):**

State	Shelters	Change	Occupants	Change
NC	23	-3	1,355	-493
SC	6	+1	186	-1
GA	1	0	7	-45
FL	1	0	39	+7

Source: ARC Midnight Shelter Count, as of 4:45 am EDT, October 18

# Hurricane Matthew Update



## Response

- NC EOC remains at Full Activation
- [SC EOC at Monitoring](#)
- [GA, FL & KY EOCs at Normal Operations](#)
- TN EOC Monitoring (EMAC support)

## FEMA Region IV:

- RRCC: Level III (day shift); RWC: Enhanced Watch (night shift)
- IMAT-1 to NC EOC; IMAT-2 to FL JFO
- State LNOs deployed to NC & SC EOCs

## FEMA HQ:

- NRCC: Not activated, NWC: Watch / Steady State
- National IMATs:
  - West: deployed to FL EOC
  - [East 1: redirected from GA to NC](#)
- Region I IMAT deployed to NC
- Region V & Region IX-2 IMATs deployed to SC EOC

## Declarations

FEMA-3380-EM-NC / FEMA-4285-DR-NC  
FEMA-3378-EM-SC / FEMA-4286-DR-SC  
FEMA-3379-EM-GA / FEMA-4284-DR-GA  
FEMA-3377-EM-FL / FEMA-4283-DR-FL



FEMA Region III IMAT at the Virginia Department of Emergency Management in Richmond, VA.

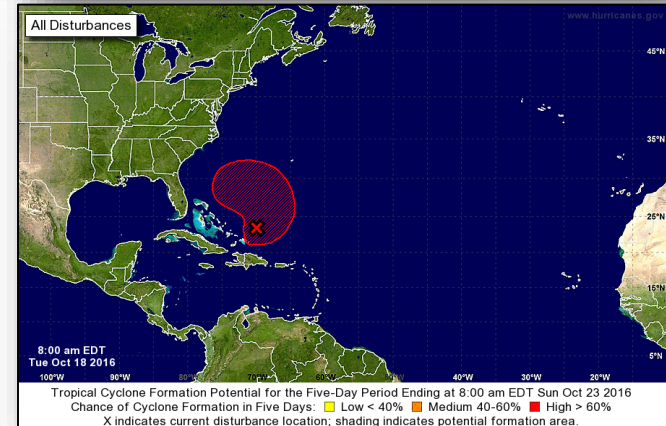
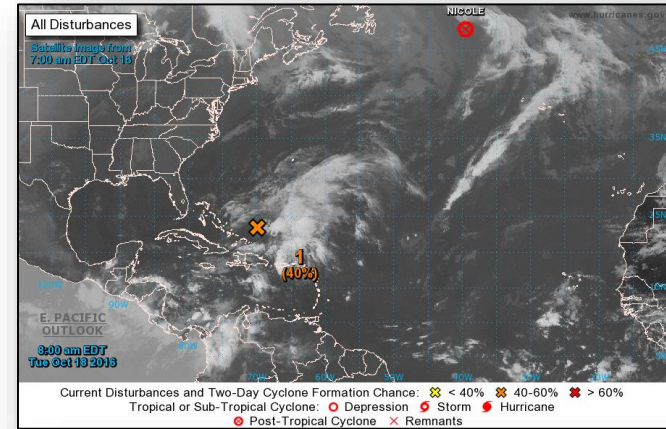
Photo Credit: Corey Rigby

# Tropical Outlook – Atlantic



## Disturbance 1 – (Invest 99L): (as of 2:00 a.m. EDT)

- Low pressure area located NE of Turks and Caicos; drifting NNW
- Expected to slowly intensify - Subtropical cyclone possible by Wednesday
- Formation chance through 48 hours: Medium (40%)
- Formation chance through 5 days: High (70%)

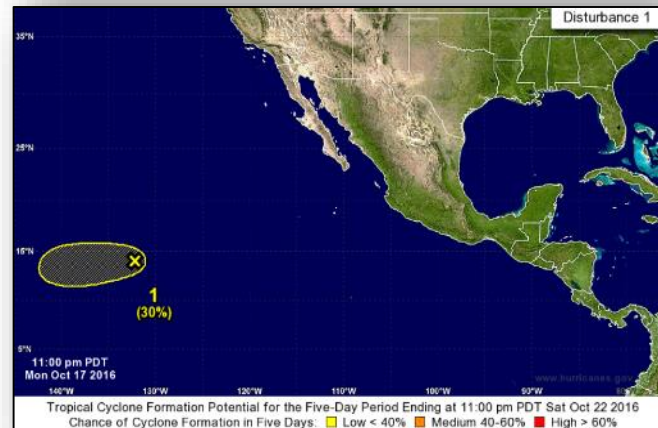
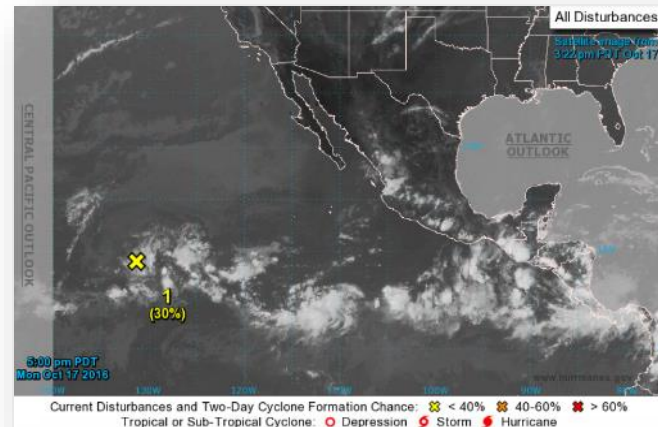


# Tropical Outlook – Eastern Pacific



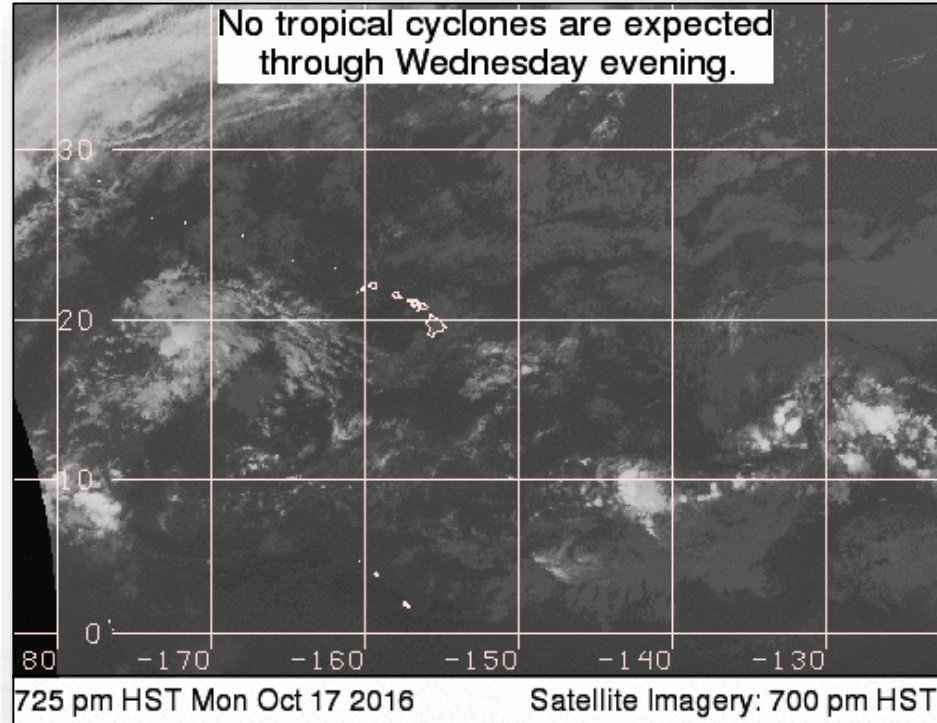
## Disturbance 1 (as of 2:00 a.m. EDT)

- Located 1,575 miles WSW of S tip of Baja California peninsula
- Moving WSW at 10 mph
- Slow development possible next couple of days
- Formation chance through 48 hours: Low (30%)
- Formation chance through 5 days: Low (30%)



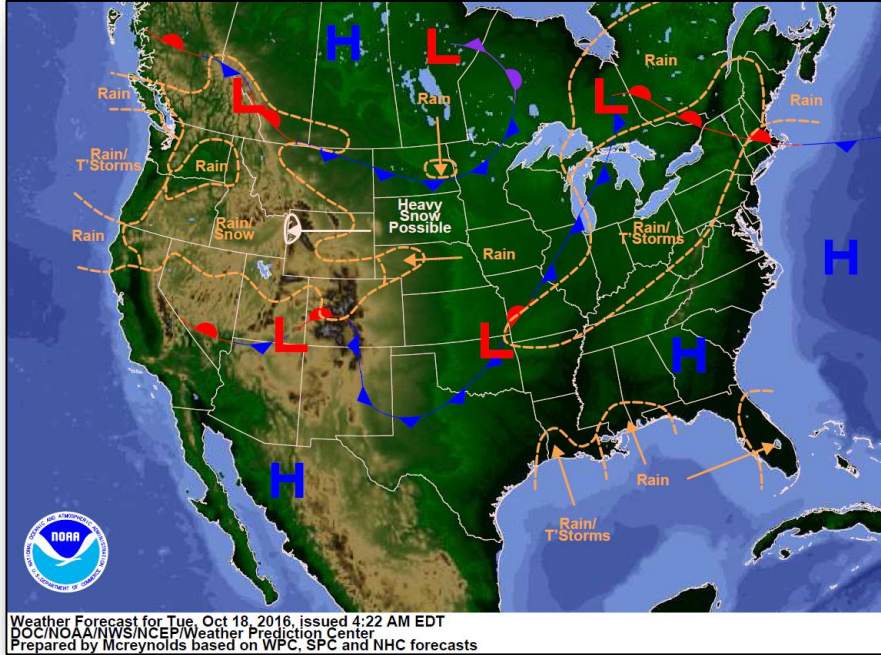


# Tropical Outlook – Central Pacific

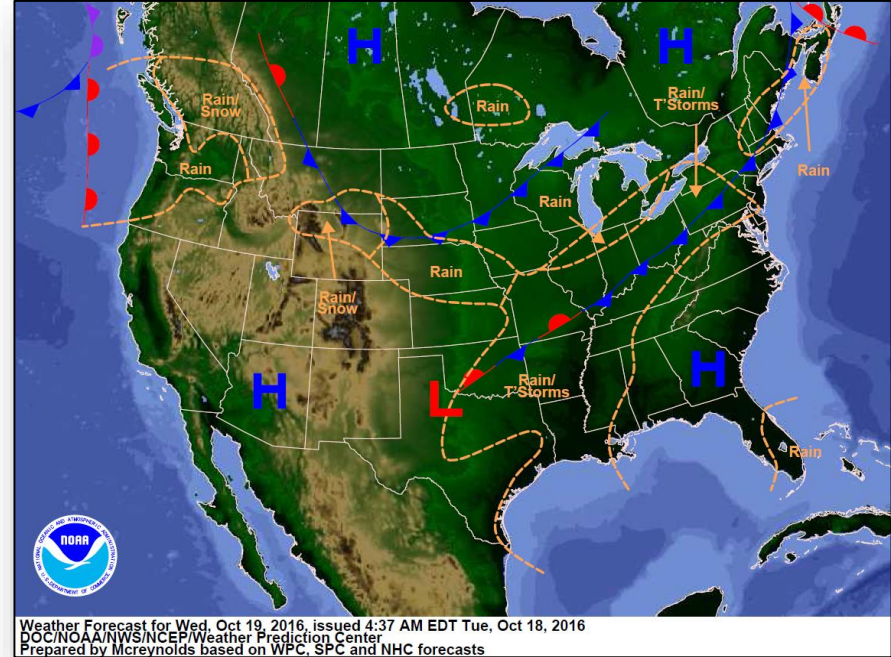




# National Weather Forecast

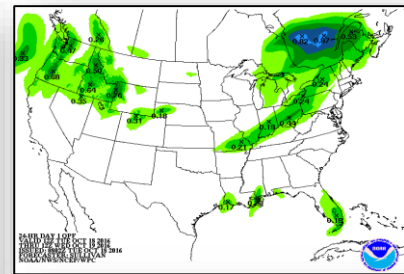
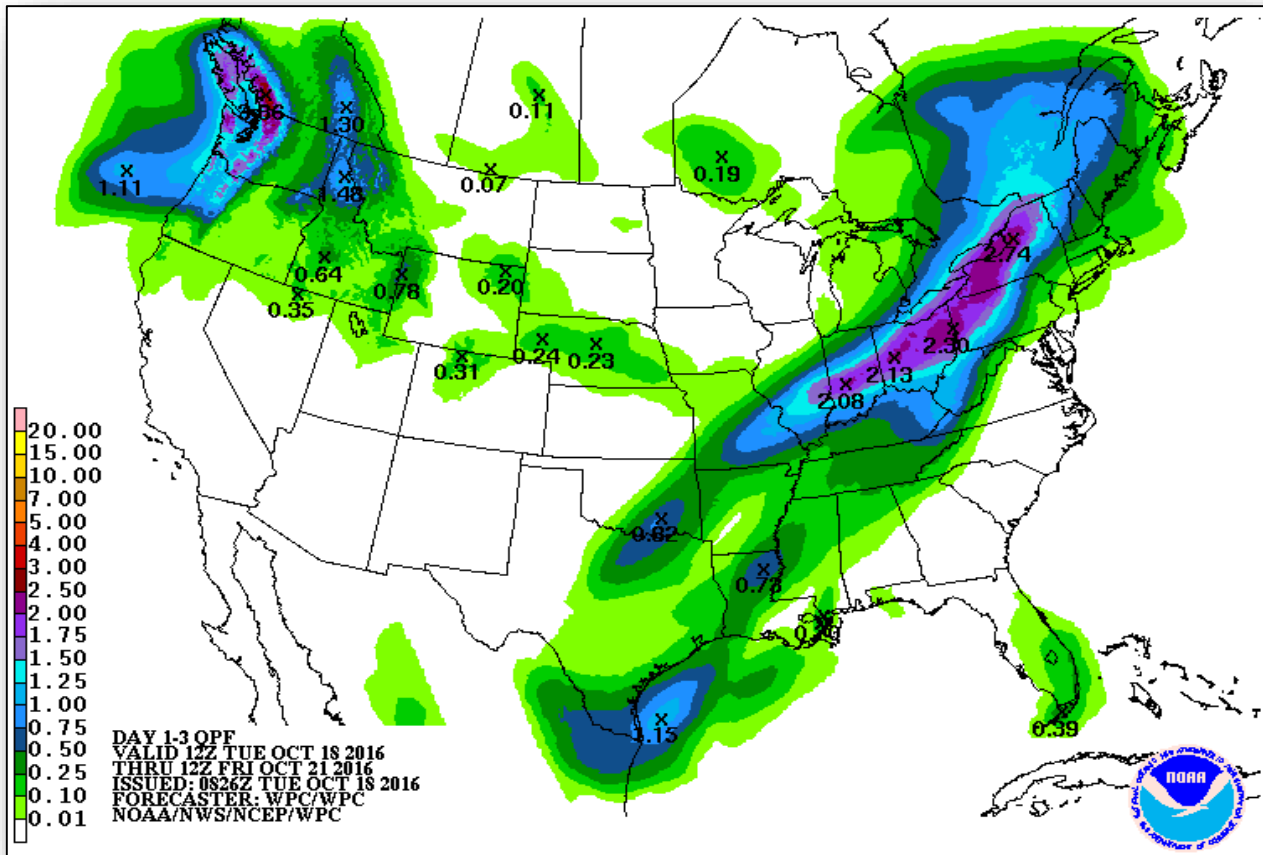


*Today*

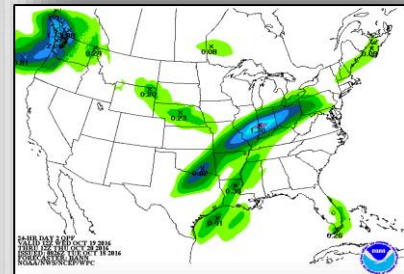


*Tomorrow*

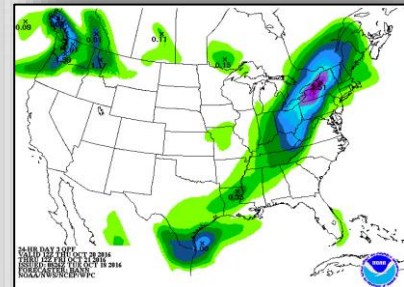
# Precipitation Forecast – Days 1-3



Day 1

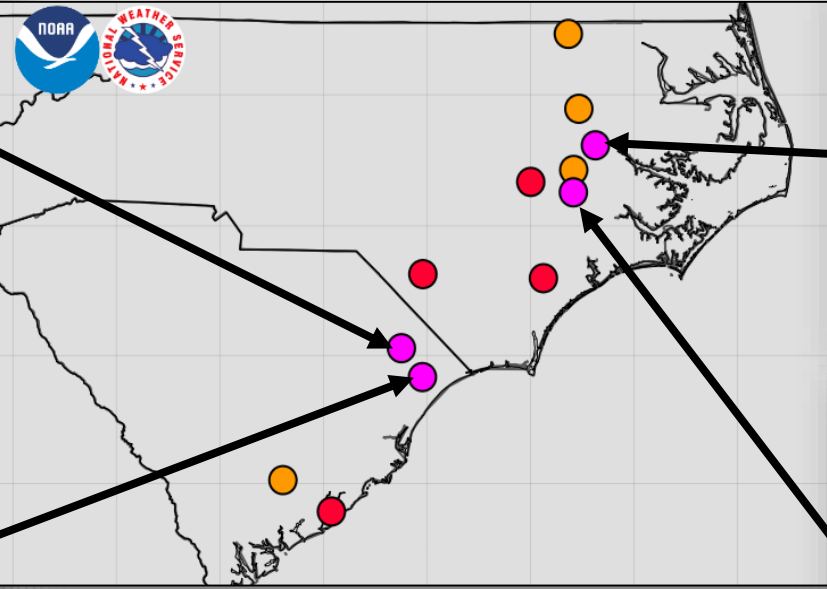
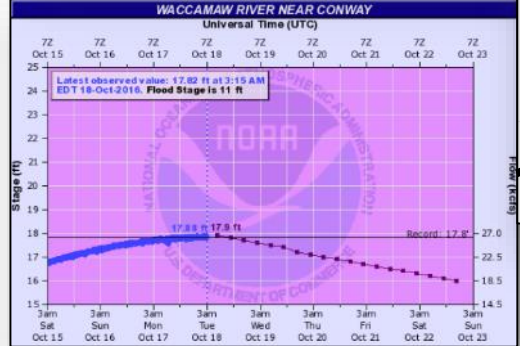
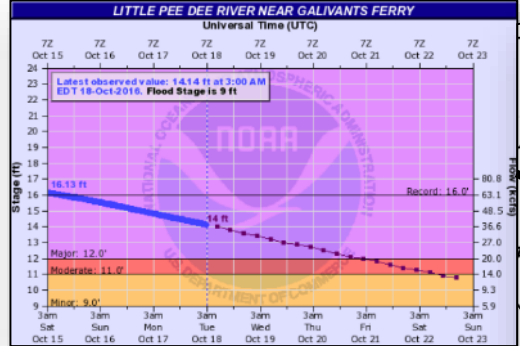


Day 2



Day 3

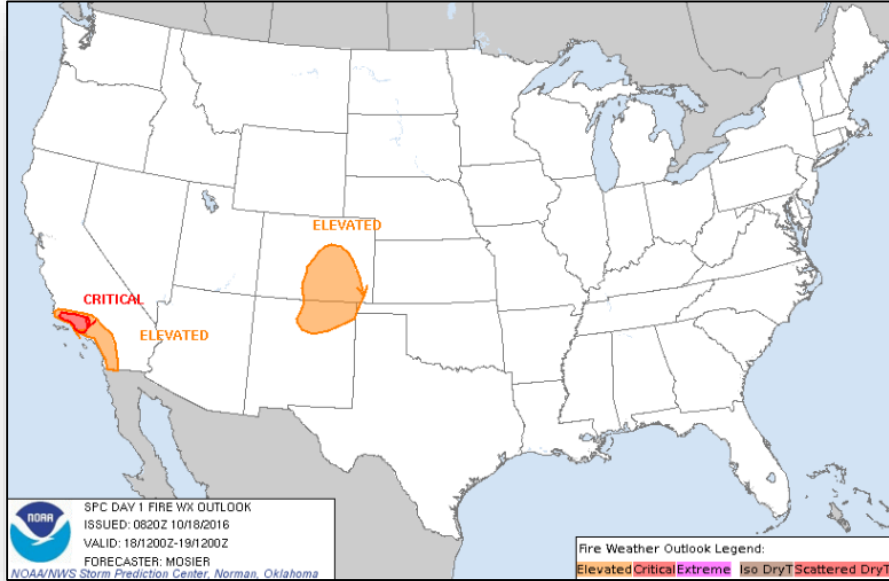
# NWS River and Tidal Gauge Forecasts



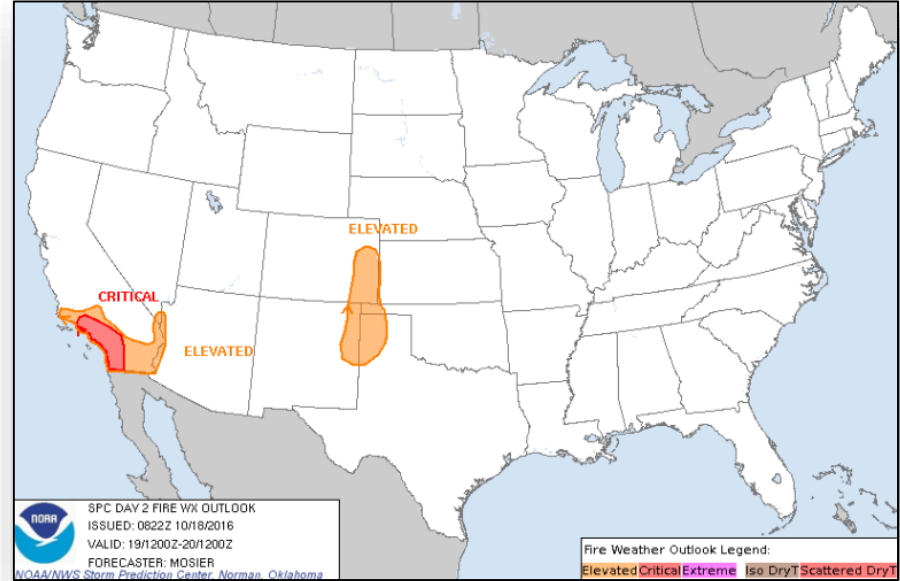
Minor Flooding ●  
 Moderate Flooding ●  
 Major Flooding ●



# Fire Weather Outlook

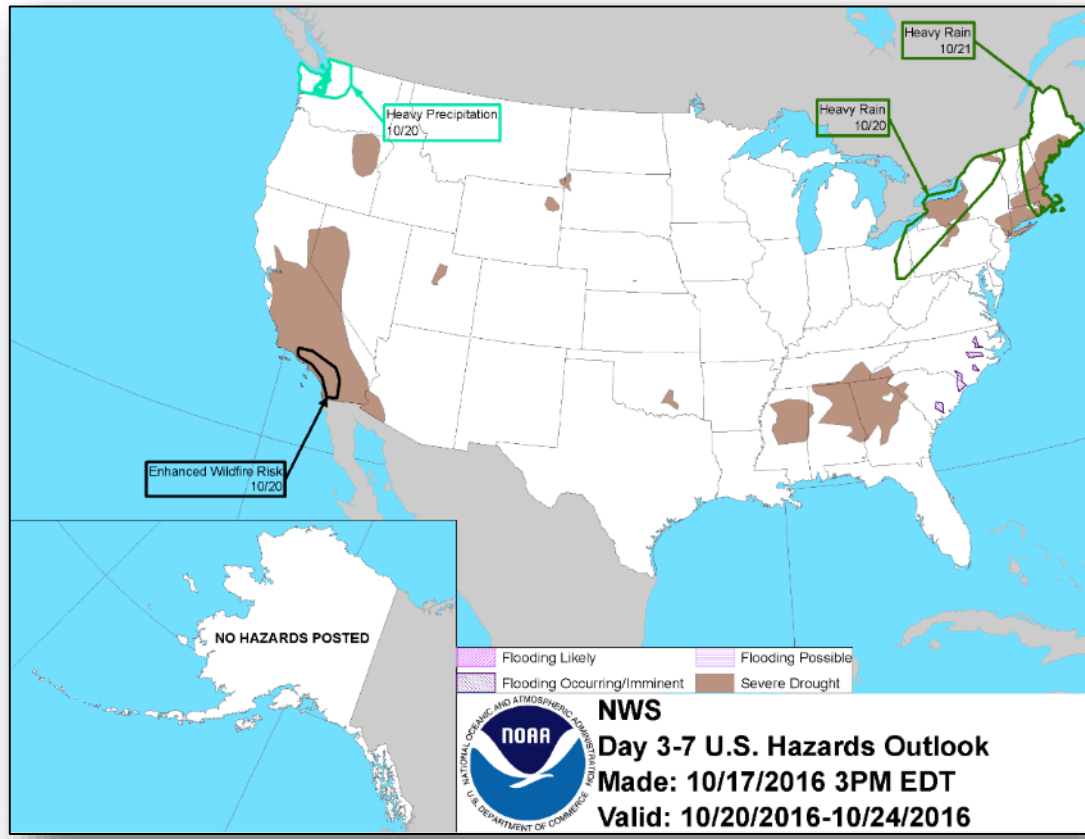


Day 1



Day 2

# Hazards Outlook – Oct 20-24



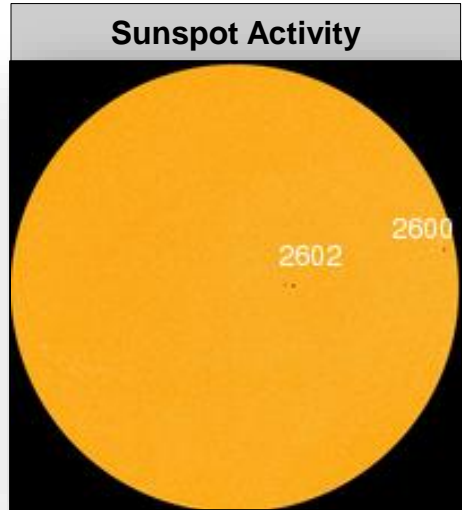
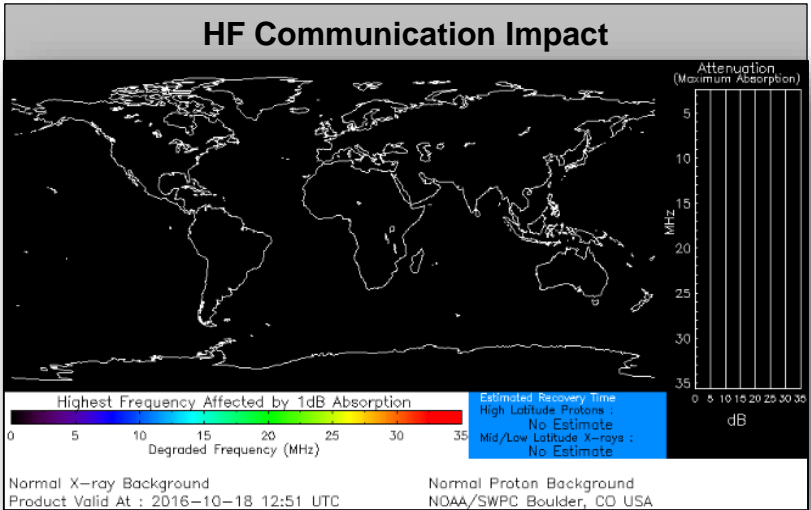
# Space Weather



FEMA

	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>*





# Junkins Fire – Colorado



Fire Name (County)	FMAG # / Approved	Acres burned	% Contained	Evacuations (Residents)	Structures			Fatalities / Injuries
					Threatened	Damaged	Destroyed	
Junkins Fire (Custer/Pueblo)	FEMA-5157-FM October 17, 2016	13,300	0%	Mandatory (595)	281 (Homes)	0	0	0 / 0

**Current Situation:**

- Fire began on Oct 17, 2016 in and around towns of Greenwood, McKenzie Junction, Wetmore, and Beulah, CO (combined pop. 6,000)
- Over 13,300 acres burned on State and private land; 0% contained
- 281 Homes threatened along with Infrastructure, Utilities & Watershed
- Mandatory evacuations for approximately 595 people
- No other uncontrolled large fires are burning in the state

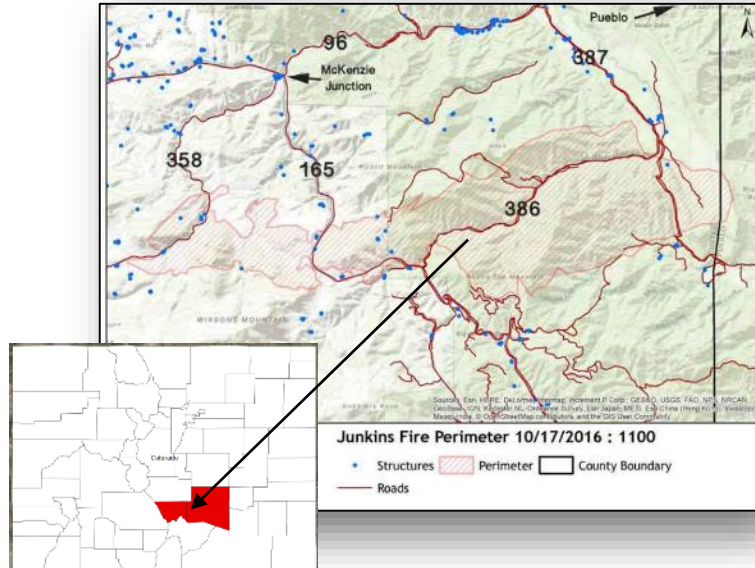


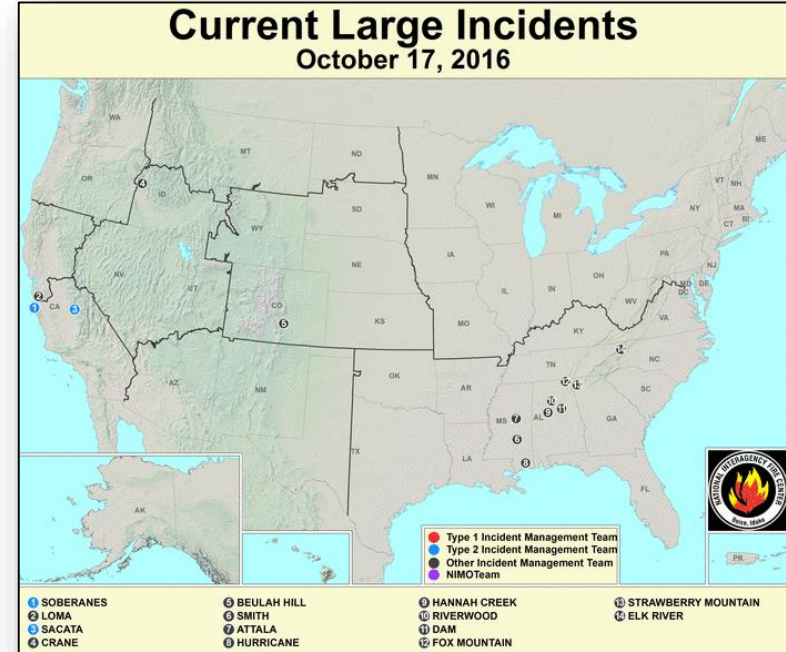
Photo Credit: CO Division of Fire Prevention & Control

# National Fire Activity



## National Preparedness Level: 1

Initial attack activity	Light (1,005 new fires)
New large fires	11
Large fires contained	6
Uncontained large fires	5
NIMOs committed	0
Type 1 IMTs committed	0 (22 teams)
Type 2 IMTs committed	2 (46 teams)



**Preparedness Level 1:** Description: Minimal large fire activity nationally. Most Geographic Areas have low to moderate fire danger. There is little or no commitment of National Resources.

# Joint Preliminary Damage Assessments



FEMA

Region	State / Location	Event	IA/PA	Number of Counties		Start – End
				Requested	Completed	
III	VA	Hurricane Matthew October 4, 2016 – continuing	IA	9	7 (+4)	10/14 – TBD
			PA	8	4 (+2)	10/14 – TBD
	DE	Severe Storms and Flooding September 30, 2016	IA	0	0	N/A
			PA	1	0	10/20 – TBD
VII	IA	Severe Storms and Flooding September 21 – October 3, 2016	IA	9	9	9/29 – 10/3
			PA	19	0	10/12 – TBD

# Disaster Requests & Declarations



FEMA

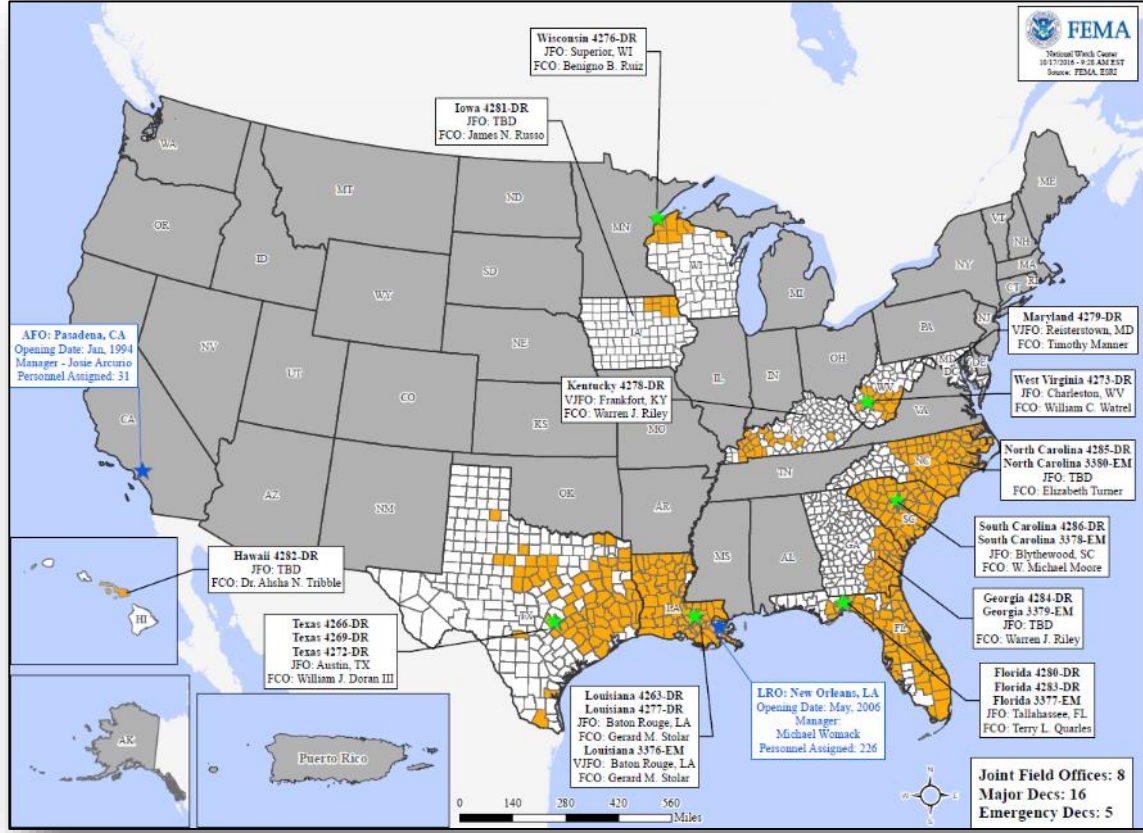
Declaration Requests in Process		Requests APPROVED (since last report)	Requests DENIED (since last report)
3	Date Requested	0	0
KS – DR Severe Storms and Flooding	October 10, 2016		
WI – DR Severe Storms, Flooding and Mudslides	October 11, 2016		
Bad River Band of Lake Superior Chippewa Indians – DR (Appeal) Appealing Individual Assistance for the Tribe	October 17, 2016		

# Disaster Amendments



Amendment	Effective Date	Action
Amendment No. 1 to FEMA-4283-DR-FL	October 17, 2016	<ul style="list-style-type: none"><li>• 3 counties for IA (already designated under PA)</li><li>• 1 county for IA</li></ul>
Amendment No. 1 to FEMA-3379-EM-GA	October 15, 2016	Incident period closed effective October 15, 2016
Amendment No. 1 to FEMA-4284-DR-GA	October 15, 2016	Incident period closed effective October 15, 2016
Amendment No. 2 to FEMA-4284-DR-GA	October 17, 2016	<ul style="list-style-type: none"><li>• 4 counties for IA (already designated under PA)</li><li>• 3 counties for IA &amp; assistance for debris removal and emergency protective measures</li><li>• 1 county for assistance for debris removal and emergency protective measures</li></ul>
Amendment No. 2 to FEMA-4286-DR-SC	October 17, 2016	6 counties for IA & PA 9 counties for IA (already designated under PA)
Amendment No. 5 to FEMA-4285-DR-NC	October 17, 2016	<ul style="list-style-type: none"><li>• 1 county for IA and assistance for debris removal and emergency protective measures</li><li>• 2 counties for IA</li></ul>
Amendment No. 6 to FEMA-4285-DR-NC	October 17, 2016	1 county for IA (already designated under PA)

# 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	26	92%	2	0	0	MO-TF1 – Demobilizing (FMC on Oct 18) PA-TF1 – PMC (FMC on Oct 18)	<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 moving from GA (DR-4284) to NC (DR-4285) East 2 to LA (DR-4277) West to FL (DR-4283)	<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	Red	13	3	23%	0	0	10	<u>Deployed:</u> Region I & IV-1 to NC (DR-4285) Region IV-2 to FL (DR-4283) Region V & IX-2 to SC (DR-4286) Region VI-2, Region VIII & Region X to LA (DR-4277) Region VII to IA (DR-4281) Region IX-1 to HI (DR-4282)	<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> 4283-DR-FL: Groveland, Port Richey & Tallahassee 4284-DR-GA: Albany, Augusta, Dobbins ARB, & Thomasville 4285-DR-NC: Fort Bragg, Emporia, VA & Raleigh 4286-DR-SC: Blythewood & Columbia	<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>

# MERS Availability Summary



FEMA

as of 10/18/2016

Legend	> 66%	< 66% & > 33%	< 33%
	Personnel Availability	Equipment Availability	% Deployed
Bothell MERS	72%	100%	21%
Denton MERS	91%	69%	0%
Denver MERS	83%	87%	11%
Frederick MERS	95%	100%	0%
Maynard MERS	78%	100%	0%
Thomasville MERS	33%	100%	63%
<i>Disaster Emergency Communications Division</i>			
Overall MERS Availability	74%	93%	18%

# Readiness – National and Regional Teams



FEMA

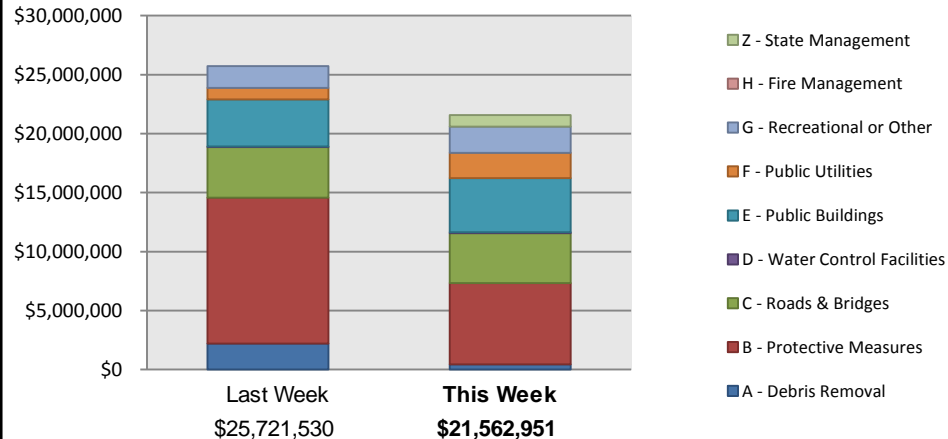
Resource	Status	Total	FMC Available		Partially Available	Not Available	Status	Comments	Rating Criteria
NWC		5	5	100%	0	0	Not Activated		<ul style="list-style-type: none"> <li>• Green = FMC</li> <li>• Yellow = PMC</li> <li>• Red = NMC</li> </ul>
NRCC		2	2	100%	0	0	Not Activated		
HLT		1	1	100%	0	0	Activated		
RRCCs		10	10	100%	0	0	Activated	Region IV at Level III, Day shift (Hurricane Matthew)	
RWCs/MOCs		10	10	100%	0	0	Activated	Region IV at Enhanced Watch, Night shift (Hurricane Matthew)	

# Public Assistance Grant Program



PA Project Worksheets Obligated in past week, as of 10/17/16 at 1500 EDT										
	Emergency Work		Permanent Work							
PA Category	A - Debris Removal	B - Protective Measures	C - Roads & Bridges	D - Water Control Facilities	E - Public Buildings	F - Public Utilities	G - Recreational or Other	H - Fire Management	Z - State Management	Total
Number Of PWs Obligated	23	150	74	2	31	23	21	0	2	326
Federal Share Obligated	\$430,331	\$6,909,867	\$4,227,424	\$67,233	\$4,578,935	\$2,159,115	\$2,223,446	\$0	\$966,601	\$21,562,951

## Public Assistance Obligated per Category In the Past 2 Weeks – 10/03/2016 through 10/17/2016



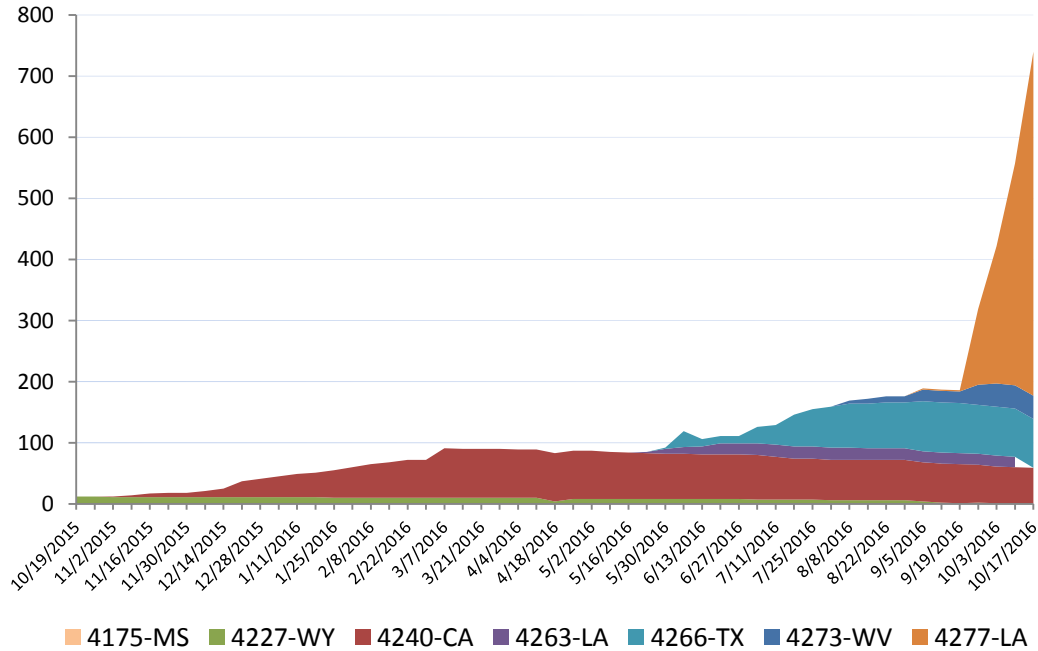
## PA Highlights

- None at this time.

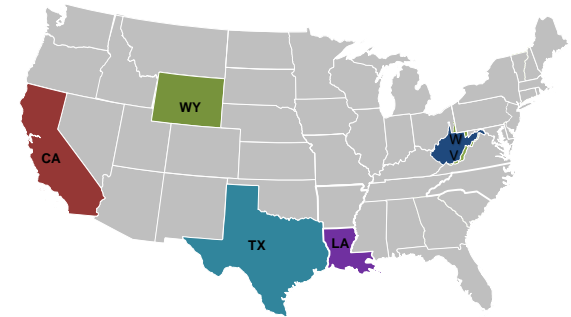
# Direct Housing



**Total Households in FEMA Direct Housing per State**  
 Past Year per Week, 10/19/2015 – 10/17/2016, There are currently **757** Households  
 Occupying **757** 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>0(-1)</b>
4240-CA	9/22/2015	<b>3/22/2017</b>	<b>59(-1)</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>80 (+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>563 (+200)</b>



**States with Currently Occupied Units**

# NPSC Activity



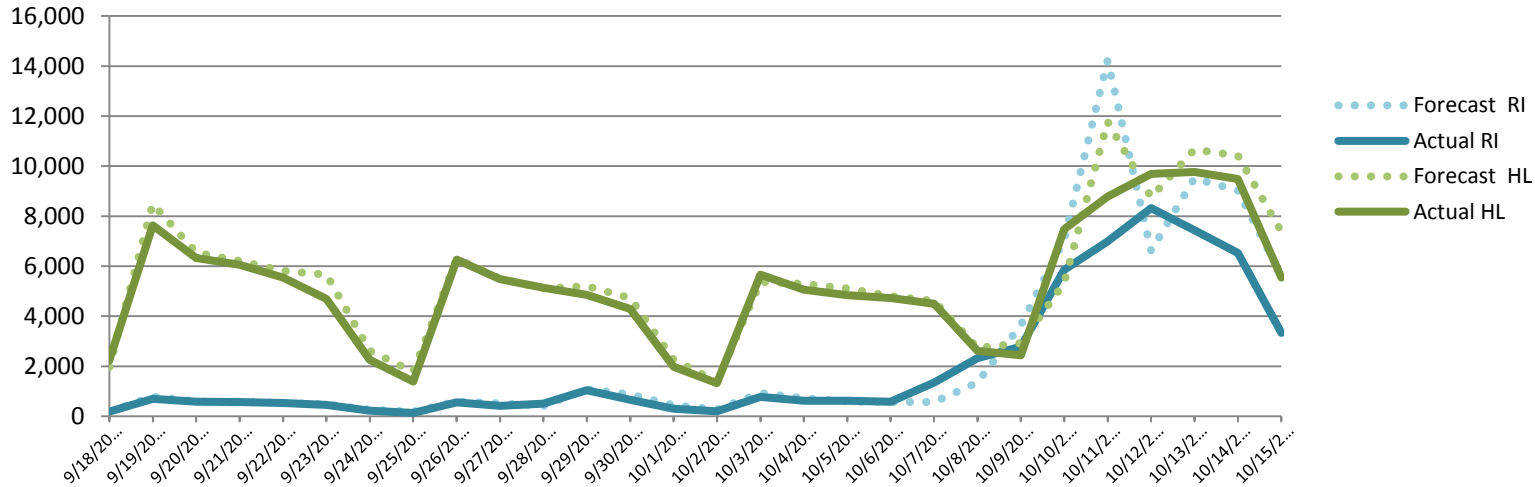
## NPSC Call Activity in the Past Week

10/09/2016 through 10/15/2016

Call Type	Projected Calls	Actual Calls	Average Speed of Answer	Maximum Delay Time
<b>Registration Intake:</b>	55,713	17,474	:33	5:00
<b>Helpline:</b>	57,244	50,325	:66	23:56
<b>Combined:</b>	<b>112,957</b>	<b>67,799</b>	<b>:58</b>	<b>5:00</b>

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

09/18/2016 through 10/15/2016



**4** Disasters with a Currently Open Registration Period

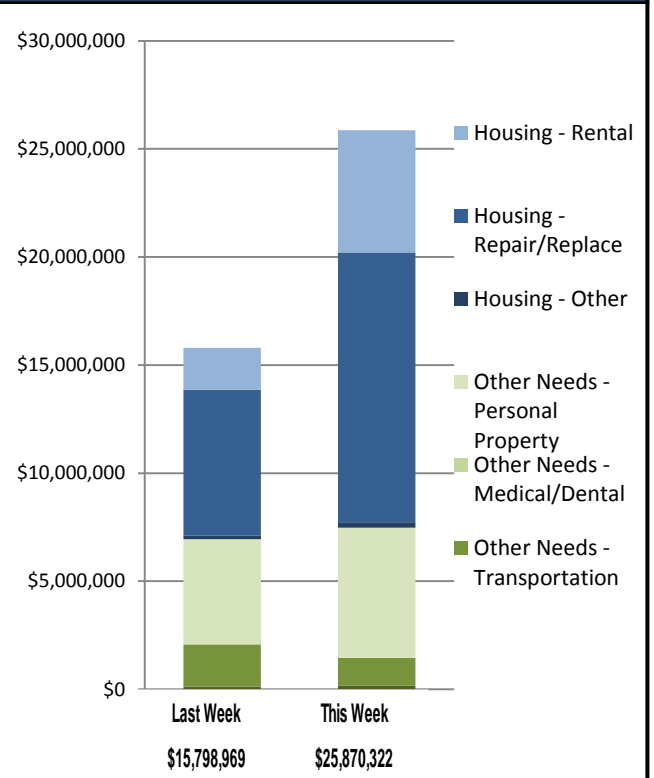


# Individual Assistance Activity



Individuals and Households Program Activity As Of: 10/17/16					
		In Past 7 Days		Cumulative	
		Applicants Approved	Amount Approved	Applicants Approved	Amount Approved
4277-LA Declared 08-14-2016 End Of Reg Period 11-14-2016					
Open Registration Period	Housing Assistance	834	\$3,220,455.90	71,277	\$563,576,537.01
	Other Needs Assistance	958	\$3,459,816.16	38,919	\$140,476,281.99
	<b>Total IHP</b>		<b>\$6,680,272.06</b>		<b>\$704,052,819.00</b>
	<b>Average IHP</b>				<b>\$8,756.22</b>
	<b>Total Max Grants</b>				<b>2,695</b>
4280-FL Declared 09-28-2016 End Of Reg Period 11-28-2016					
Open Registration Period	Housing Assistance	199	\$670,155.18	974	\$3,921,148.77
	Other Needs Assistance	109	\$213,299.07	430	\$848,795.36
	<b>Total IHP</b>		<b>\$883,454.25</b>		<b>\$4,769,944.13</b>
	<b>Average IHP</b>				<b>\$4,297.25</b>
	<b>Total Max Grants</b>				<b>2</b>
4285-NC Declared 10-10-2016 End Of Reg Period 12-09-2016					
Open Registration Period	Housing Assistance	4,603	\$14,056,855.36	4,603	\$14,056,855.36
	Other Needs Assistance	1,557	\$3,719,996.20	1,557	\$3,719,996.20
	<b>Total IHP</b>		<b>\$17,776,851.56</b>		<b>\$17,776,851.56</b>
	<b>Average IHP</b>				<b>\$3,542.50</b>
	<b>Total Max Grants</b>				<b>23</b>
4286-SC Declared 10-11-2016 End Of Reg Period 12-13-2016					
Open Registration Period	Housing Assistance	41	\$80,072.84	41	\$80,072.84
	Other Needs Assistance	12	\$28,270.55	12	\$28,270.55
	<b>Total IHP</b>		<b>\$108,343.39</b>		<b>\$108,343.39</b>
	<b>Average IHP</b>				<b>\$2,720.82</b>
	<b>Total Max Grants</b>				<b>0</b>
12 Declarations IHP Programmatically Open - Closed Registration *					
Other IHP Active	Housing Assistance	108	\$365,838.74		
	Other Needs Assistance	25	\$55,562.00		
	<b>Total IHP</b>		<b>\$421,400.74</b>		
<b>Total IHP Approved in Past Week</b>			<b>\$25,870,322.00</b>		

**IHP Approved per Category in the Past 2 Weeks – 10/03/2016 through 10/17/2016**





# 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.**