

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

Tuesday, November 1, 2016

8:30 a.m. EDT

Significant Activity – Oct 31-Nov 1



Significant Events: None

Tropical Activity:

- Atlantic – No tropical cyclone activity expected for the next 48 hours
- Eastern Pacific – No tropical cyclone activity expected for the next 48 hours
- Central Pacific – No tropical cyclones expected through Wednesday evening
- Western Pacific – Disturbance 1 (Invest 90W) – Medium; Disturbance 2 (Invest 99W) – Medium; Disturbance 3 (Invest 91W) - Low

Significant Weather:

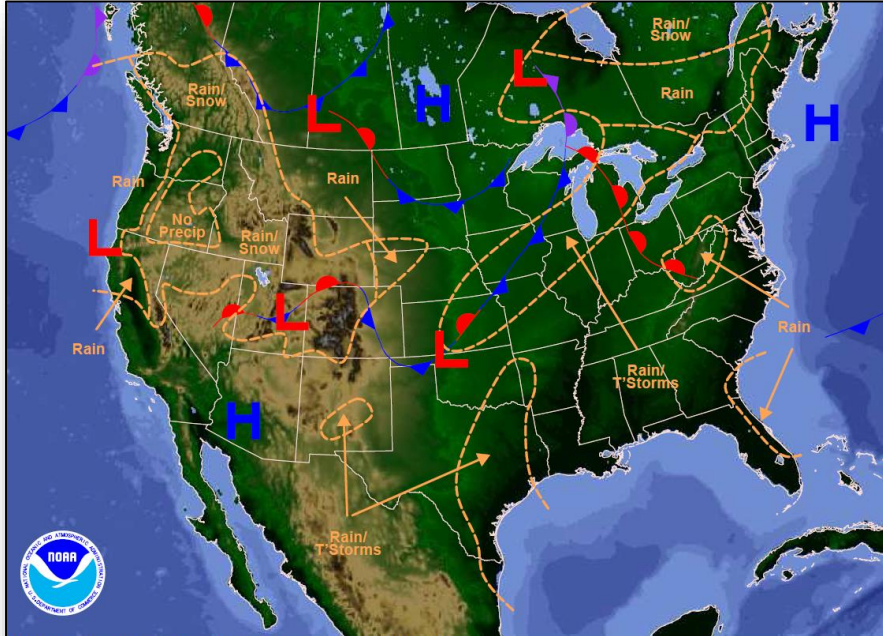
- Rain and snow – Northern Intermountain Northern/Central Rockies, Central Great Basin, and Central Plains
- Rain – Pacific Northwest to northern CA; Central Appalachians, and Northeast
- Rain and thunderstorms – Southern/Central Plains & the Great Lakes
- Red Flags Warnings – None
- Critical/Elevated Fire Weather: None
- Space Weather – Past 24 hours: none observed; next 24 hours: none predicted

Earthquake Activity: No significant activity

Declaration Activity:

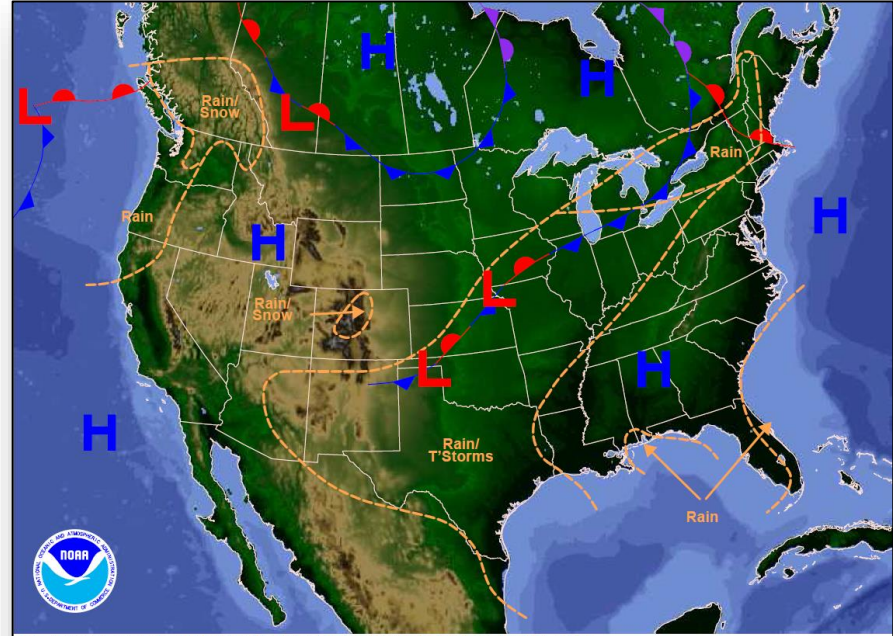
- Major Disaster Declaration approved – IA
- Amendment No. 10 to FEMA-4285-DR-NC

National Weather Forecast



Weather Forecast for Tue, Nov 01, 2016, issued 4:34 AM EDT
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by McCreynolds based on WPC, SPC and NHC forecasts

Today



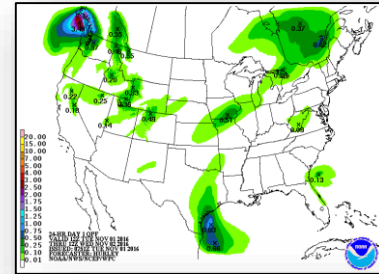
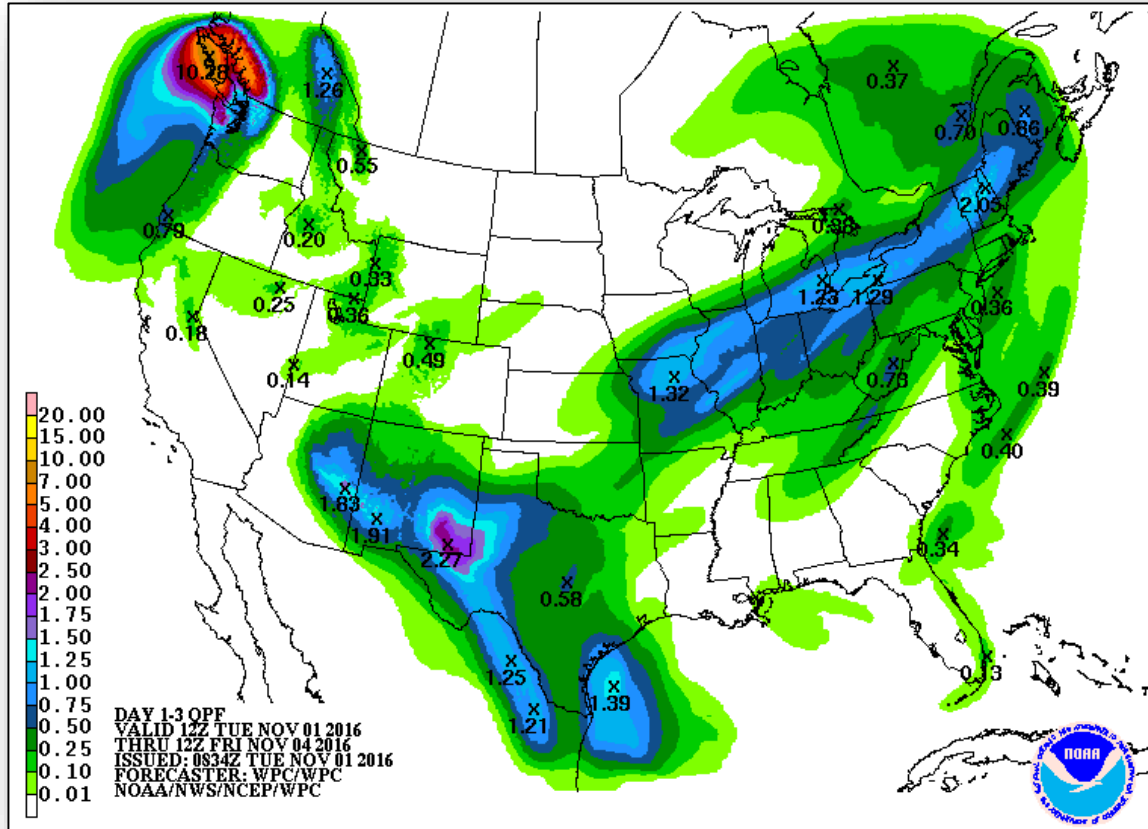
Weather Forecast for Wed, Nov 02, 2016, issued 4:39 AM EDT Tue, Nov 01, 2016
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by McCreynolds based on WPC, SPC and NHC forecasts

Tomorrow

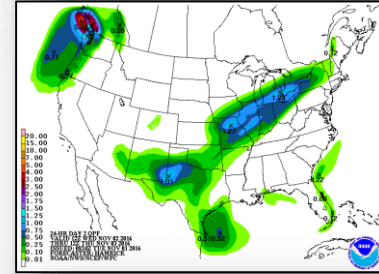
Precipitation Forecast – Days 1-3



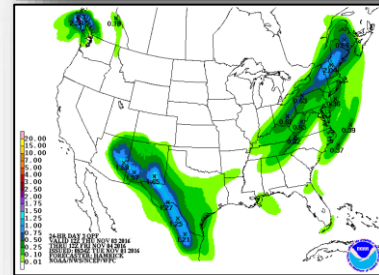
FEMA



Day 1



Day 2



Day 3

WPC Winter Probabilistic Products



Sample Products Below -- WPC Website: <http://www.wpc.ncep.noaa.gov>

Local forecast by "City, ST" or Zip Code

City, St

Search WPC

NCEP Quarterly Newsletter

WPC Home

Analyses and Forecasts

National Forecast Charts

National High & Low

WPC Discussions

Surface Analysis

Days 1-2 CONUS

Days 3-7 CONUS

Days 4-8 Alaska

QPF

PQPF

Excessive Rainfall

Mesoscale Precip Discussion

Flood Outlook

Winter Weather

Storm Summaries

Heat Index

Tropical Products

Dark Weather Map

GIS Products

Current Watches/Warnings

Satellite and Radar Imagery

Satellite Images

National Radar

Product Archive

WPC Verification

QPF

Medium Range

Model Diagnostics

Event Reviews

Winter Weather

WPC Probabilistic Winter Precipitation Guidance

Product Selection

Precipitation Type	Forecast Product	Forecast Duration	User Interface
<input checked="" type="radio"/> Snow	<input checked="" type="radio"/> Probability Forecasts	<input checked="" type="radio"/> 24-Hour	<input checked="" type="radio"/> Google Maps
<input type="radio"/> Freezing Rain	<input type="radio"/> Accumulation by Percentile	<input type="radio"/> 48-Hour	<input type="radio"/> GIF Images
		<input type="radio"/> 72-Hour	

24-Hour Probability of Snow Accumulating $\geq 1"$

Valid for the 24-hour period ending:

Day 1	Day 2	Day 3	
12Z Fri Jan 29	18Z Sat Jan 30	00Z Sun Jan 31	06Z Sun Jan 31
18Z Fri Jan 29	06Z Sat Jan 30	12Z Sat Jan 30	18Z Sat Jan 30
00Z Sat Jan 30	12Z Sat Jan 30	18Z Sat Jan 30	00Z Sun Jan 31
06Z Sat Jan 30	18Z Sat Jan 30	00Z Sun Jan 31	06Z Sun Jan 31
12Z Sun Jan 31	18Z Sat Jan 30	00Z Sun Jan 31	12Z Sun Jan 31

Viewing Options

Choose an accumulation for the specified time:

- $\geq 1"$
- $\geq 2"$
- $\geq 4"$
- $\geq 6"$
- $\geq 8"$
- $\geq 12"$
- $\geq 18"$

OR

Choose a 24-hour period for the specified amount:

- 12Z Jan 29
- 18Z Jan 29
- 00Z Jan 30
- 06Z Jan 30
- 12Z Jan 30
- 18Z Jan 30
- 00Z Jan 31
- 06Z Jan 31
- 12Z Jan 31

Map Overlays

Probability Contours

MouseOver ON

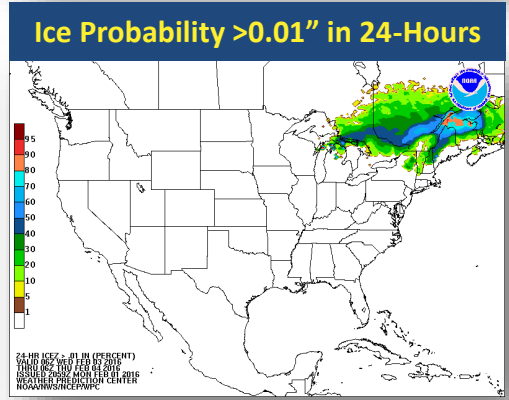
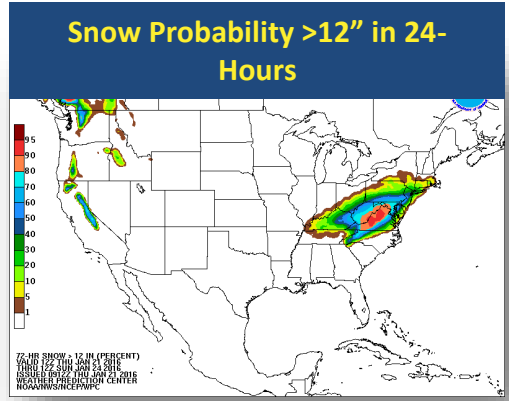
24-Hour Probability of Snowfall Accumulating ≥ 1 Inch

Valid from 12Z Thu Jan 28, 2016 - 12Z Fri Jan 29, 2016

Issued: 0705Z Thu Jan 28, 2016

Map data ©2016 Google, INEGI Terms of Use

Opacity (%): 0 20 40 60 80 100



WPC Storm Summaries



National Weather Service
Weather Prediction Center

Site Map
News

DOC NOAA NWS | NCEP Centers: AWC CPC EMC NCO NHC OPC SPC SWPC WPC

2016 Storm Summaries

[Latest Summary for Western U.S. Heavy Rainfall and High Wind Event](#)
(updated 1459Z 10/17/2016)

[Archive of Summaries for Western U.S. Heavy Rainfall and High Wind Event](#)

PREVIOUS 2016 STORM SUMMARIES

- [October 8-9, 2016 - Post-Tropical Cyclone Matthew Heavy Rainfall](#)
- [September 28-October 1, 2016 - Mid-Atlantic Heavy Rainfall Event](#)
- [September 2-4, 2016 - Hermine Heavy Rainfall](#)
- [August 12-17, 2016 - Southern and Eastern U.S. Heavy Rainfall](#)
- [June 27-28, 2016 - Central Appalachians Heavy Rainfall](#)
- [April 29-May 1, 2016 - Central U.S. Heavy Rain and Snow](#)
- [April 18-20, 2016 - Central and Southern Plains Heavy Rainfall](#)
- [April 16-17, 2016 - Rockies and Plains Early Spring Storm](#)
- [March 29-31, 2016 - Central Rockies and Central Plains Winter Storm](#)
- [March 23-25, 2016 - Central Rockies to Great Lakes Winter Storm](#)
 - [WPC Event Review](#) (added October 14, 2016)
- [March 8-13, 2016 - Southern Plains and Lower Mississippi Valley Heavy Rainfall](#)
- [February 24-25, 2016 - Upper Great Lakes to New England Winter Storm](#)
 - [WPC Event Review](#) (added May 28, 2016)
- [February 15-17, 2016 - Tennessee Valley to Northeast Winter Storm](#)
 - [WPC Event Review](#) (added May 28, 2016)
- [February 8-10, 2016 - Northeast Winter Storm](#)
- [February 5-6, 2016 - New England Winter Storm](#)
- [January 31-February 3, 2016 - Central and Eastern U.S. Winter Storm](#)
- [January 22-25, 2016 - Historic Eastern U.S. Winter Storm](#)
 - [WPC Event Review](#) (added May 28, 2016)

Yearly Storm Summary Archives:

[2004](#) [2005](#) [2006](#) [2007](#) [2008](#) [2009](#) [2010*](#)
[2011*](#) [2012*](#) [2013*](#) [2014*](#) [2015*](#)

*The archives from 2010 forward include detailed [reviews](#) of selected weather events.

Local forecast by "City, St" or Zip Code

Search WPC

NCEP Quarterly Newsletter

WPC Home
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Satellite Images
National Radar

...SELECTED STORM TOTAL SNOWFALL IN INCHES WHERE THE EVENT HAS ENDED...

...ALABAMA...	
HARVEST 5 SSE	3.5
ATHENS 5.4 E	3.0
CROSSVILLE 1 NNE	2.5
HUNTSVILLE 1 NNE	2.0
MADISON	1.4
...ARKANSAS...	
NORTH LITTLE ROCK 2.6 NNE	8.0
AUSTIN	7.0
SHERWOOD 1 NNW	7.0
EAST END	6.5
N LITTLE ROCK ARPT	6.2
HENSLEY	6.0
POWHATAN	5.5
WEST LITTLE ROCK	4.0
...CONNECTICUT...	
MONROE	21.0
GREENWICH	16.0
GUILFORD	16.0
NORWALK	16.0
MILFORD	15.5
DARIEN	14.5
FAIRFIELD	13.5
HADLYME	13.5
NEW HAVEN	12.4
BRIDGEPORT AIRPORT	12.0
SHELTON	12.0
WEST HAVEN	11.5
MILFORD 1.8 E	11.4
WEST HARTFORD	5.5
...WASHINGTON DC...	
NATIONAL ZOO 1 WSW	22.4
WASHINGTON 1 E	22.3
ADAMS MORGAN	21.0
ANACOSTIA	19.0
CHEVY CHASE VILLAGE 1 S	18.5
SILVER SPRING 1 SE	18.0
GEORGETOWN	14.0
THE WHITE HOUSE	13.0

Available during high-impact events

Tropical Outlook – Western Pacific



Disturbance 1 (Invest 90W) (as of 8:00 a.m. EDT)

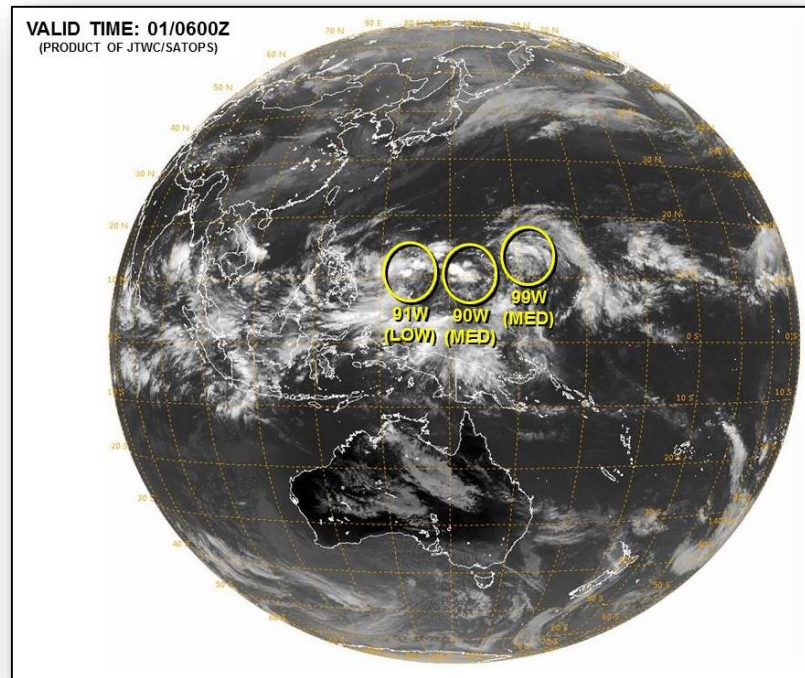
- Located 299 miles WSW of Andersen AFB, Guam
- Moving W
- Maximum sustained winds 17-23 mph
- Tropical cyclone development next 24 hours: Medium

Disturbance 3 (Invest 91W) (as of 8:00 a.m. EDT)

- Located 81 miles N of Koror, Palau
- Moving NW
- Maximum sustained winds 12-17 mph
- Tropical cyclone development next 24 hours: Low

Disturbance 2 (Invest 99W) (as of 8:00 a.m. EDT)

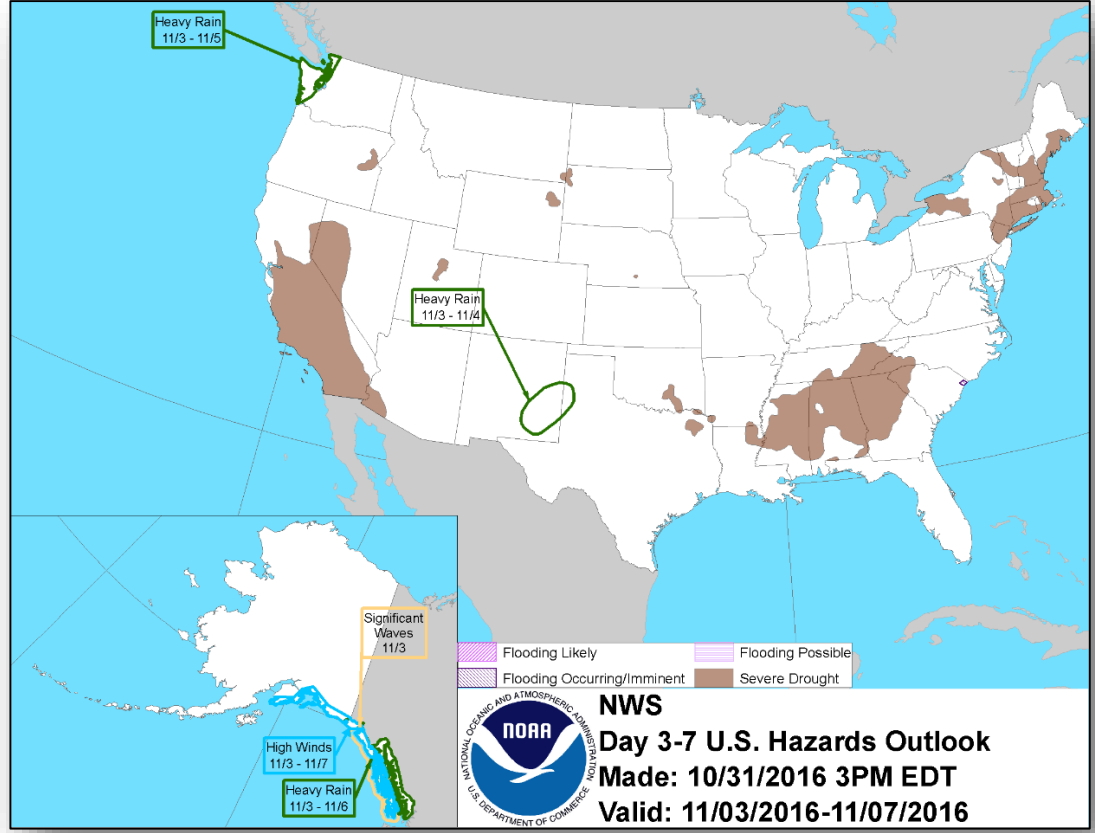
- Located 437 miles E of Andersen AFB, Guam
- Moving NW towards Mariana Islands
- Maximum sustained winds 17-23 mph
- Tropical cyclone development next 24 hours: Medium



Hazards Outlook – Nov 3-7



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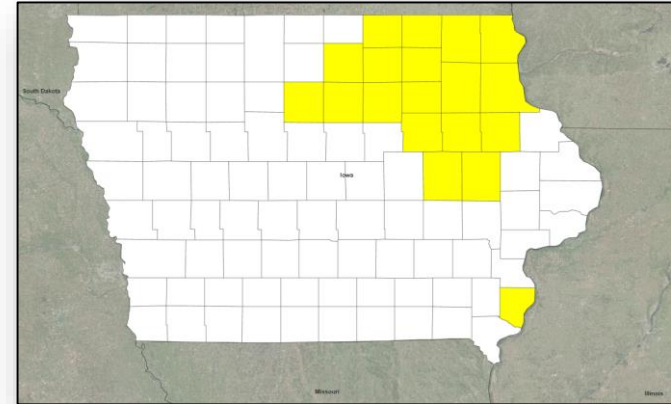


Declaration Approved



FEMA-4289-DR-IA

- Major Disaster Declaration was approved on October 31, 2016 for the state of Iowa
- For severe storms and flooding during the period of September 21 to October 3, 2016
- Provides:
 - Public Assistance for 19 counties
 - Hazard Mitigation statewide
- FCO is James N. Russo



 **Public Assistance**

Disaster Requests & Declarations



FEMA

Declaration Requests in Process		Requests APPROVED (since last report)	Requests DENIED (since last report)
3	Date Requested	1	1
Spokane Tribe – DR Cayuse Mountain Wildfire	October 18, 2016		Denied October 31, 2016
MN – DR Severe Storms and Flooding	October 19, 2016		
IA – DR Severe Storms and Flooding	October 21, 2016	Declared October 31, 2016	
VA – DR Severe Storms and Flooding	October 21, 2016		
DE – DR Severe Storms and Flooding	October 27, 2016		

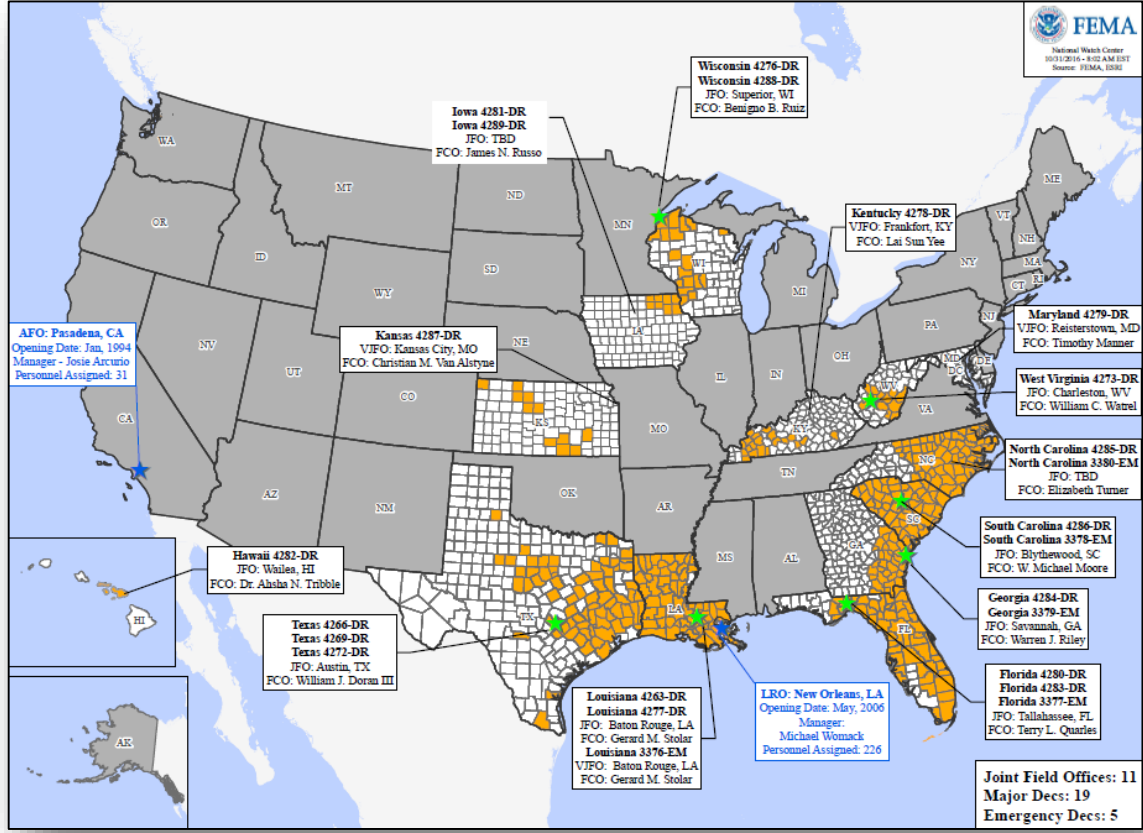
Disaster Amendments



FEMA

Amendment	Effective Date	Action
Amendment No. 10 to FEMA-4285-DR-NC	October 31, 2016	<ul style="list-style-type: none">• Adds 1 county for IA (already designated for assistance under PA program)• Adds 1 county for both IA and PA

Open Field Offices



Readiness – Deployable Teams and Assets



FEMA

Resource	Status	Total	FMC Available		Partially Available	Not Available	Detailed, Deployed, Activated	Comments	Rating Criteria
FCO		35	6	17%	0	1	28		OFDC Readiness: FCO Green Yellow Red Type 1 3+ 2 1 Type 2 4+ 3 2 Type 3 4+ 3 2 FDRC 3 2 1
FDRC		10	2	20%	0	1	7		
US&R		28	28	100%	0	0	0		
National IMAT		3	1	33%	1	0	1	<u>Deployed:</u> East 1 – Demobilizing; FMC NLT Nov 14 East 2 to LA (DR-4277)	<ul style="list-style-type: none"> • Green = Available / FMC • Yellow = Available / PMC • Red = Out-of-Service • Blue = Assigned / Deployed <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		13	5	38%	0	2	6	Region VI-2 & Region VIII (Demobilizing) Region IX-1 – (Reconstituting) <u>Deployed:</u> Region I & Region IV-1 to NC (DR-4285) Region IV-2 to FL (DR-4280 & 4283) Region VII to IA (DR-4281) Region IX-2 to SC (DR-4286)	<ul style="list-style-type: none"> • Green: >6 teams available • Yellow: 4 - 6 teams available • Red: < 4 teams available R-IMAT also red if TL Ops / Log Chief is unavailable & has no qualified replacement
MERS		18	14	78%	0	0	4	<u>Assets are supporting:</u> FL (DR-4283) GA (DR-4284) NC (DR-4285) SC (DR-4286) WI (DR-4288)	<ul style="list-style-type: none"> • Green = >66% available • Yellow = 33% to 66% available • Red = <33% available

MERS Availability Summary



FEMA

Legend	> 66%	< 66% & > 33%	< 33%
	Personnel Availability	Equipment Availability	% Deployed
Bothell MERS	87%	100%	6%
Denton MERS	60%	69%	32%
Denver MERS	79%	87%	17%
Frederick MERS	95%	100%	0%
Maynard MERS	78%	100%	0%
Thomasville MERS	33%	100%	63%
<i>Disaster Emergency Communications Division</i>			
Overall MERS Availability	69%	93%	22%

Readiness – National and Regional Teams



FEMA

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

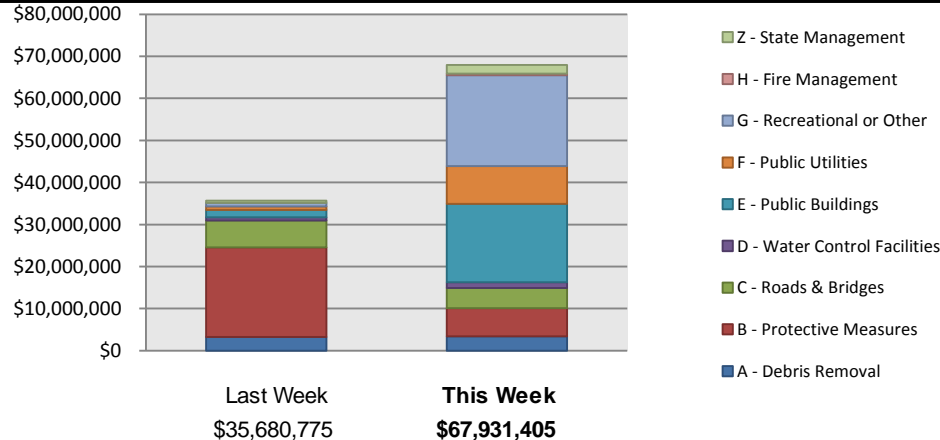
Public Assistance Grant Program



FEMA

PA Project Worksheets Obligated in past week, as of 10/31/16 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	29	58	81	2	48	25	14	1	5	263
Federal Share Obligated	\$3,394,479	\$6,740,917	\$4,758,664	\$1,400,715	\$18,585,002	\$8,987,197	\$21,655,585	\$354,531	\$2,054,315	\$67,931,405

Public Assistance Obligated per Category In the Past 2 Weeks – 10/17/2016 through 10/31/2016



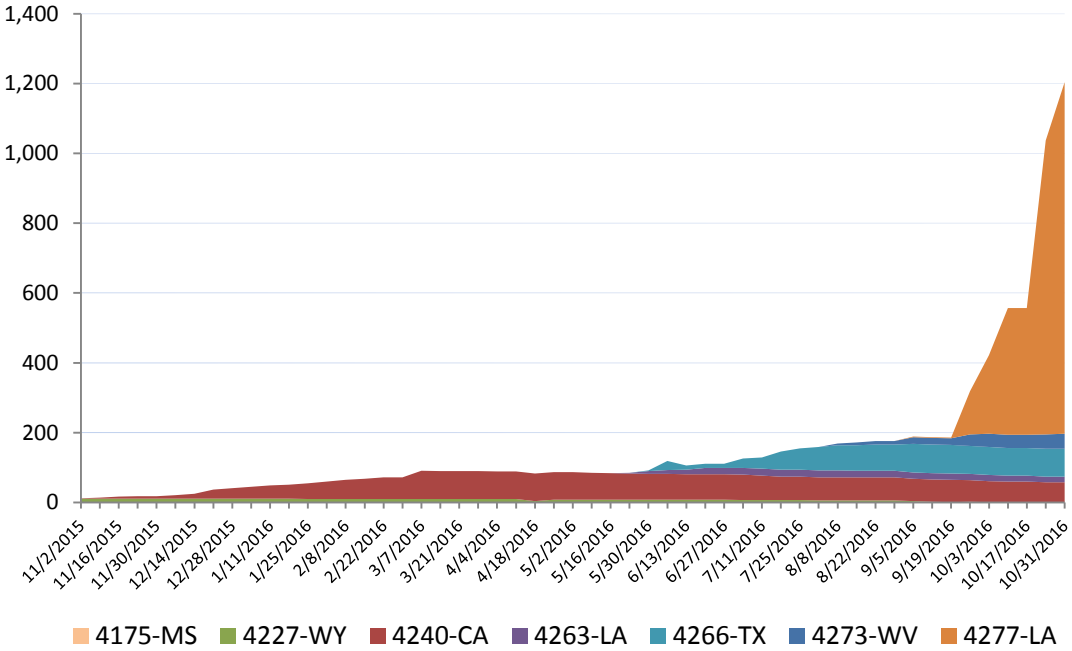
PA Highlights

- None at this time.

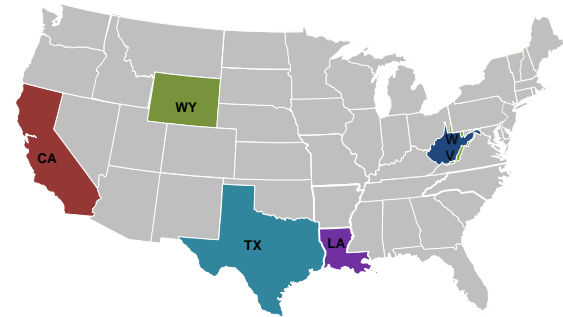
Direct Housing



Total Households in FEMA Direct Housing
 Past Year per Week, 11/02/2015 – 10/31/2016, There are currently **1,204**
 Households Occupying **1,204** Temporary Units



DR	IA Declaration Date	Program End Date	Current # of Households in Direct Housing (Change)
4240-CA	9/22/2015	3/22/2017	58()
4263-LA	3/13/2016	9/13/2017	16()
4266-TX	3/19/2016	9/19/2017	80(0)
4273-WV	6/25/2016	12/26/2017	43(+2)
4277-LA	8/14/2016	2/14/2018	1007(+165)



States with Currently Occupied Units

NPSC Activity



FEMA

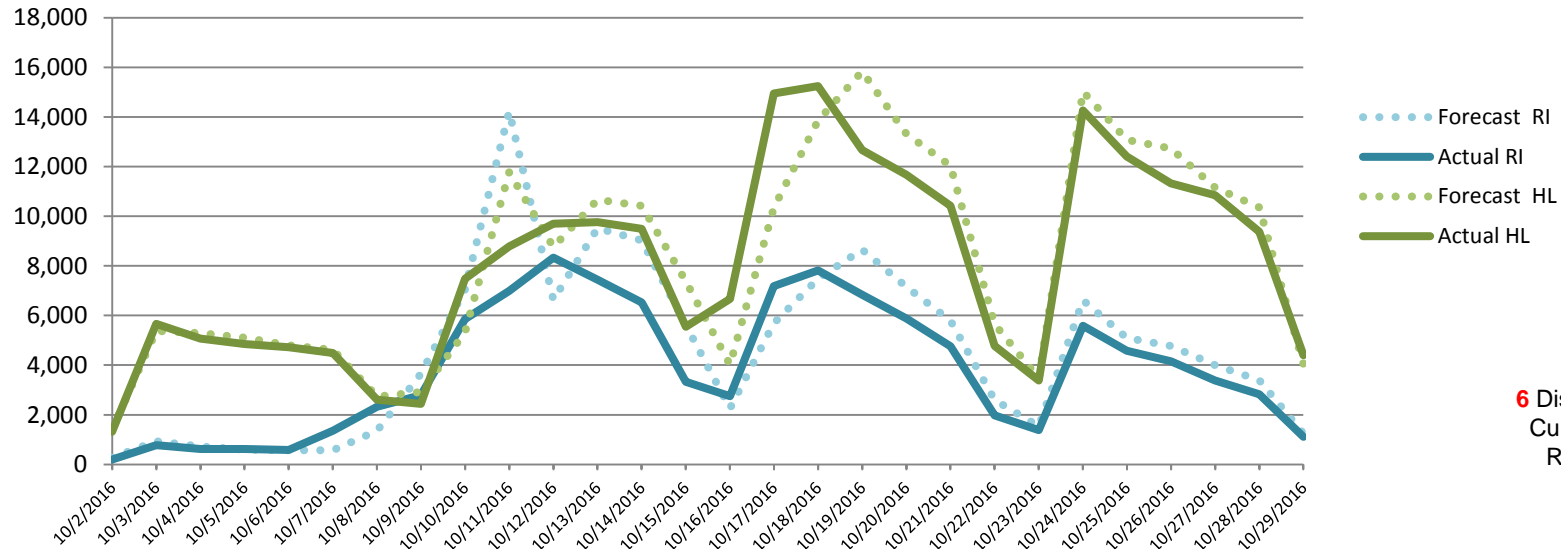
NPSC Call Activity in the Past Week

10/23/2016 through 10/29/2016

Call Type	Projected Calls	Actual Calls	Average Speed of Answer	Maximum Delay Time
Registration Intake:	26,659	4,270	:14	13:10
Helpline:	69,849	27,767	:55	23:40
Combined:	96,508	32,037	:49	23:40

NPSC Call Forecasting and Actual Calls Over the Past 4 Weeks

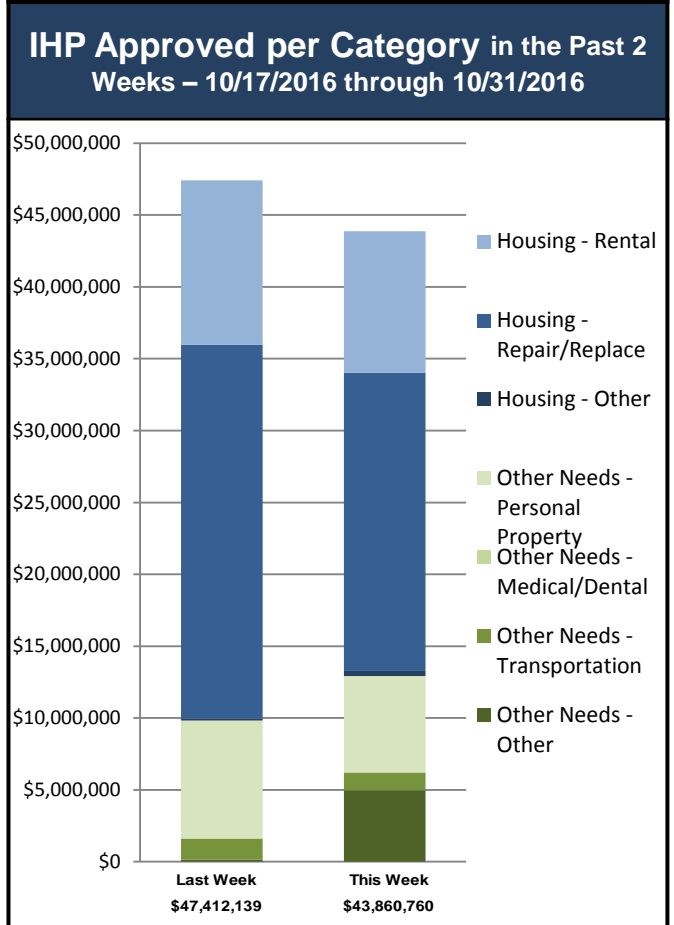
10/02/2016 through 10/29/2016



Individual Assistance Activity



		Individuals and Households Program Activity As Of: 10/31/16			
		In Past 7 Days		Cumulative	
		Applicants Approved	Amount Approved	Applicants Approved	Amount Approved
Open Registration Period	4277-LA Declared 08-14-2016 End Of Reg Period 11-14-2016				
	Housing Assistance	1,041	\$3,805,475.23	71,761	\$569,763,007.39
	Other Needs Assistance	549	\$2,179,631.30	39,726	\$144,892,285.32
	Total IHP		\$5,985,106.53		\$714,655,292.71
	Average IHP				\$8,816
	Total Max Grants				2767
Open Registration Period	4280-FL Declared 09-28-2016 End Of Reg Period 11-28-2016				
	Housing Assistance	118	\$320,154.12	1,209	\$4,599,595.89
	Other Needs Assistance	53	\$108,303.62	538	\$1,059,633.59
	Total IHP		\$428,457.74		\$5,659,229.48
	Average IHP				\$4,095
	Total Max Grants				2
Open Registration Period	4283-FL Declared 10-08-2016 End Of Reg Period 12-16-2016				
	Housing Assistance	1,446	\$4,321,034.99	3,463	\$10,933,188.86
	Other Needs Assistance	664	\$659,124.35	1,479	\$1,557,293.91
	Total IHP		\$4,980,159.34		\$12,490,482.77
	Average IHP				\$2,965
	Total Max Grants				8
Open Registration Period	4284-GA Declared 10-08-2016 End Of Reg Period 12-16-2016				
	Housing Assistance	428	\$1,521,871.13	919	\$3,224,634.16
	Other Needs Assistance	246	\$295,763.37	600	\$728,601.67
	Total IHP		\$1,817,634.50		\$3,953,235.83
	Average IHP				\$3,209
	Total Max Grants				11
Open Registration Period	4285-NC Declared 10-10-2016 End Of Reg Period 12-09-2016				
	Housing Assistance	3,308	\$9,989,187.37	13,301	\$42,693,362.18
	Other Needs Assistance	10,600	\$8,118,118.09	12,990	\$16,715,528.14
	Total IHP		\$18,107,305.46		\$59,408,890.32
	Average IHP				\$2,954
	Total Max Grants				75
Open Registration Period	4286-SC Declared 10-11-2016 End Of Reg Period 12-13-2016				
	Housing Assistance	2,947	\$10,590,942.53	5,097	\$18,166,461.25
	Other Needs Assistance	1,056	\$1,484,706.97	1,827	\$2,704,234.27
	Total IHP		\$12,075,649.50		\$20,870,695.52
	Average IHP				\$3,538
	Total Max Grants				27
Other IHP Active	25 Declarations IHP Programmatically Open - Closed Registration *				
	Housing Assistance	131	\$389,460.32		
	Other Needs Assistance	30	\$76,986.36		
	Total IHP		\$466,446.68		
Total IHP Approved in Past Week			\$43,860,759.75		





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.