

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, September 27, 2016

8:30 a.m. EDT

Significant Activity - Sept 26 - 27



Significant Events: Iowa Flooding

Tropical Activity:

- Atlantic – Disturbance 1/Invest 97L – High (90%); Disturbance 2 – Low (10%)
- Eastern Pacific – Tropical Storm Roslyn
- Central Pacific – Tropical Storm Ulika
- Western Pacific – Invest 98W - Medium

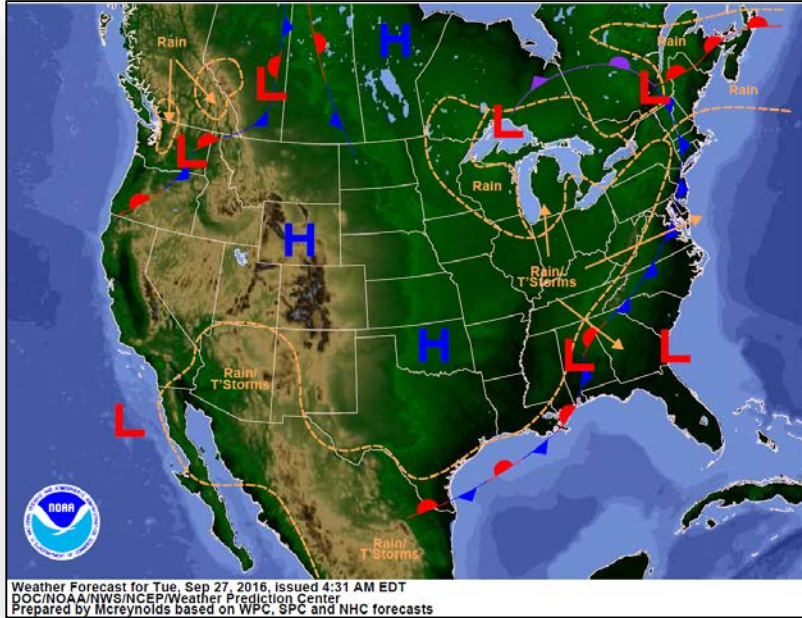
Significant Weather:

- Rain and thunderstorms – Southwest, Gulf Coast, Southeast to New England
- Rain – Upper Mississippi Valley to Great Lakes and Northeast
- Elevated Fire Weather – southern CA
- Red Flag Warnings – none
- Space Weather – Minor space weather with G1 geomagnetic storms observed past 24 hours; minor space weather with G1 geomagnetic storms predicted next 24 hours

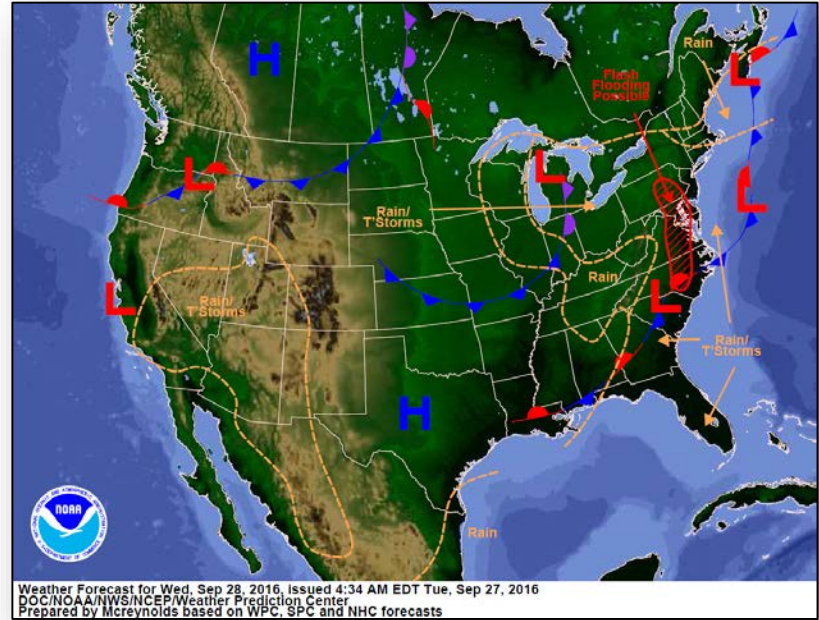
Earthquake Activity: No significant activity

Declaration Activity: None

National Weather Forecast



Today

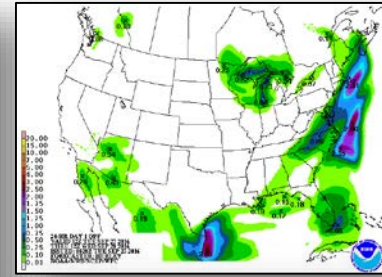
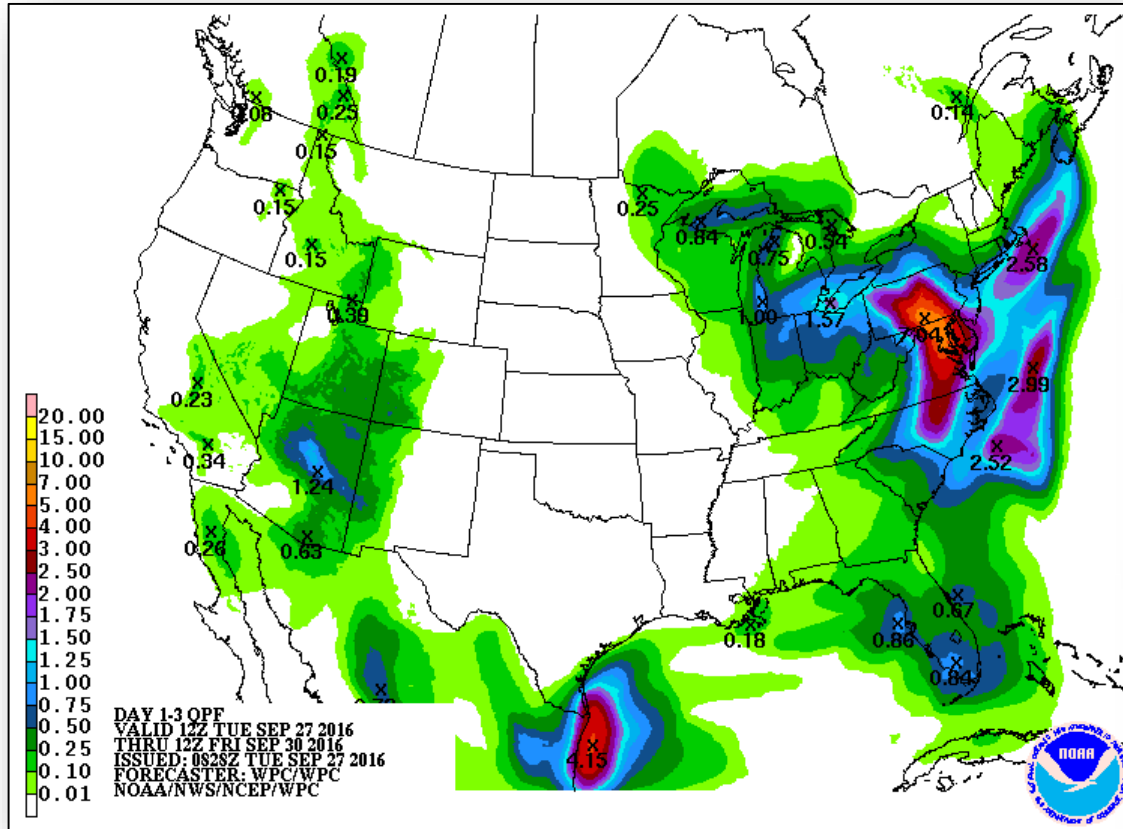


Tomorrow

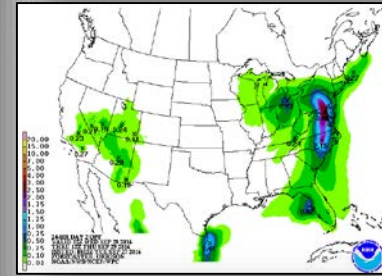
Precipitation Forecast - Days 1-3



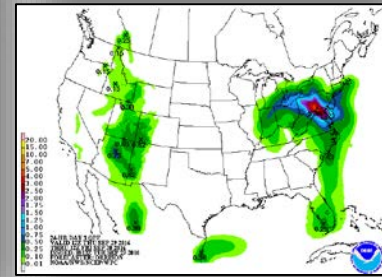
FEMA



Day 1

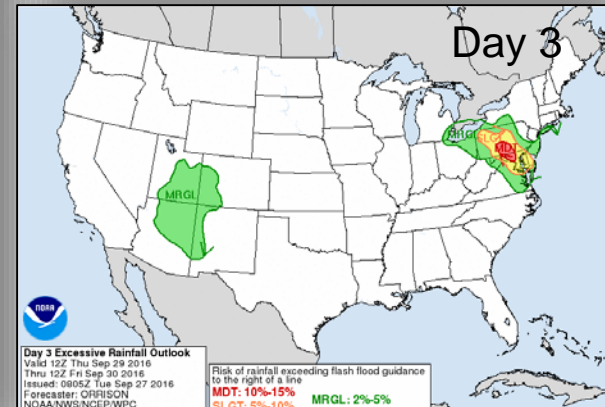
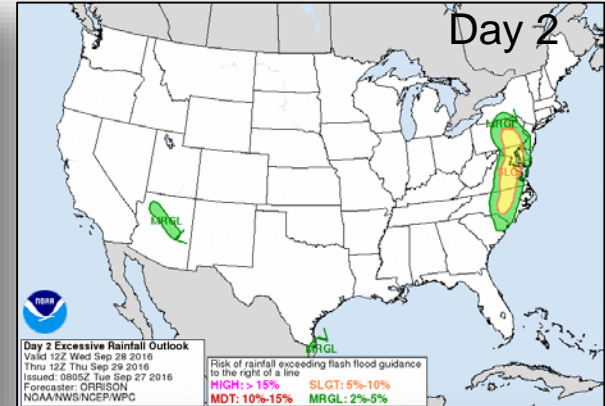
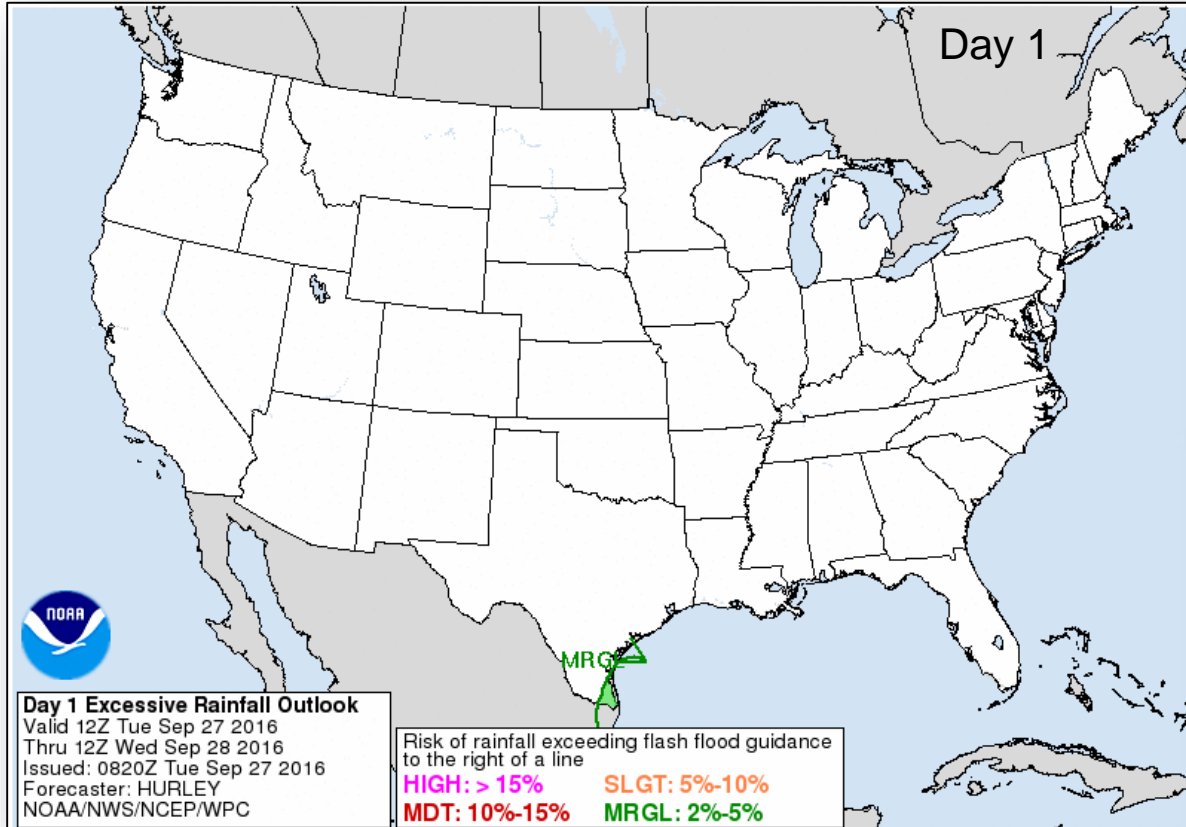


Day 2

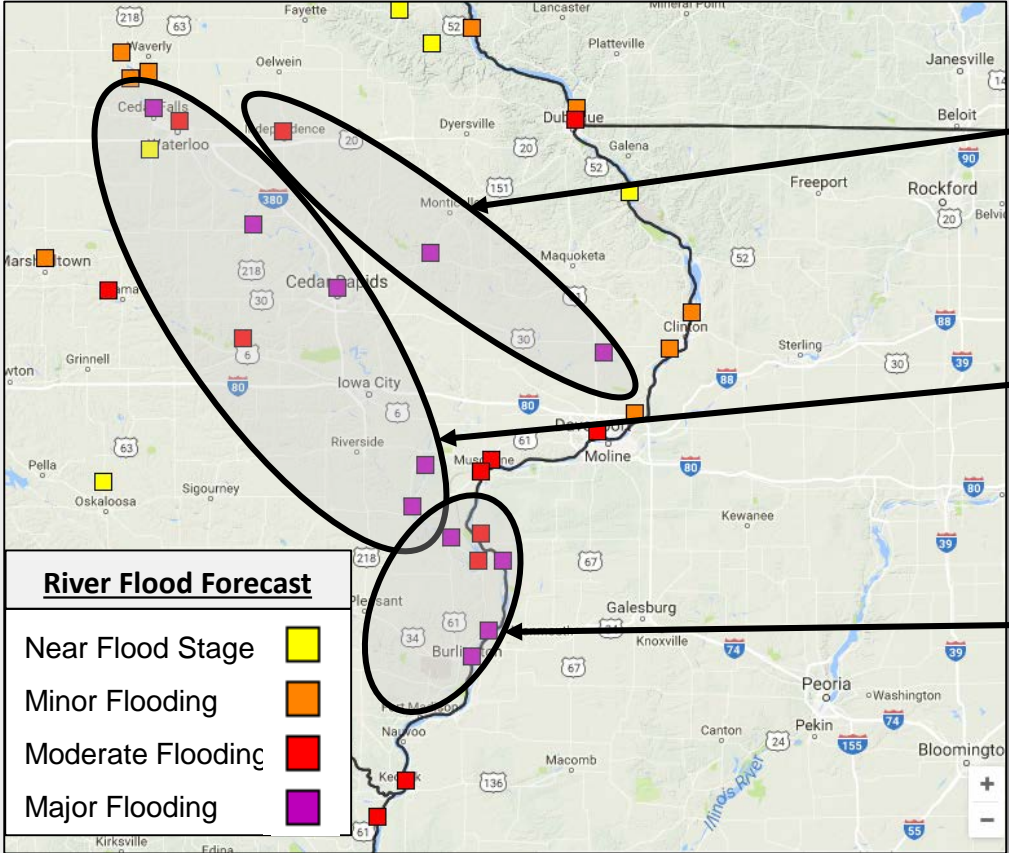


Day 3

Flash Flood Outlook - Days 1-3



Upper Midwest Flooding

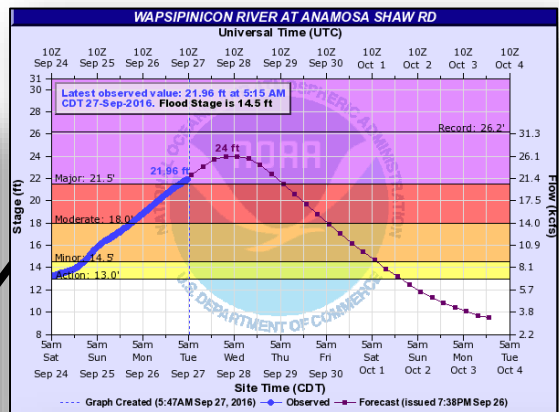
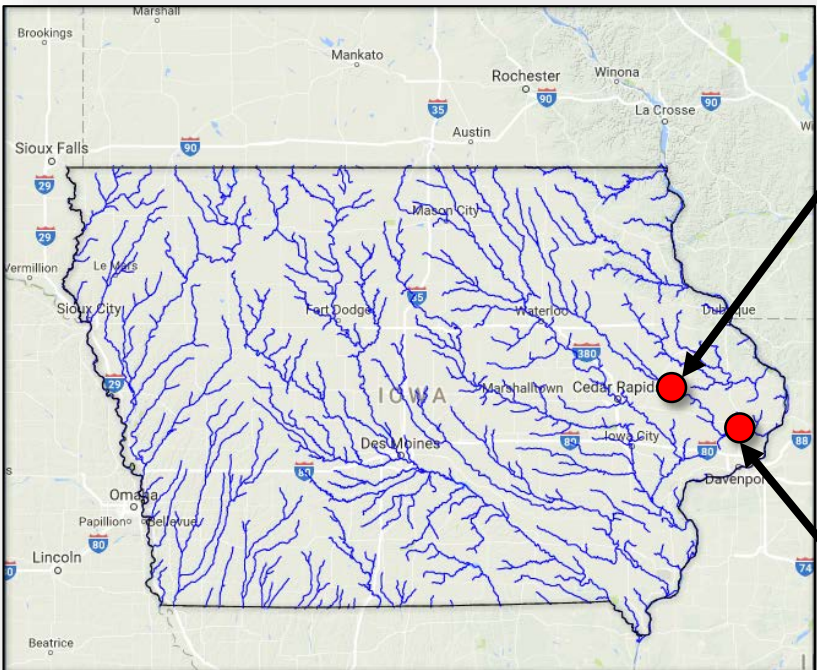


Wapsipinicon River:
Independence (Past Crest) to DeWitt, IA (Crest Late Week)

Cedar and Iowa Rivers:
Cedar Falls (Past Crest) to Oakville, IA (Crest by Weekend)

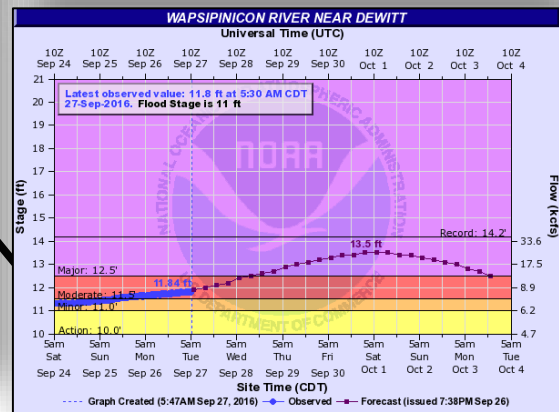
Mississippi River:
Keithsburg, IL to near Keokuk, IA (Crest by Weekend or Early Next Week)

Wapsipinicon River



Peak Forecast Crest: 24'
by Wednesday

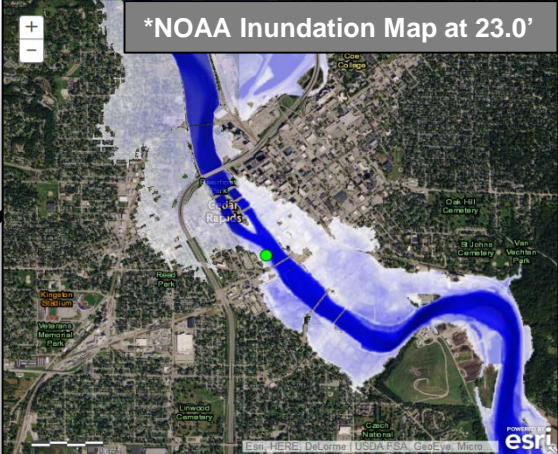
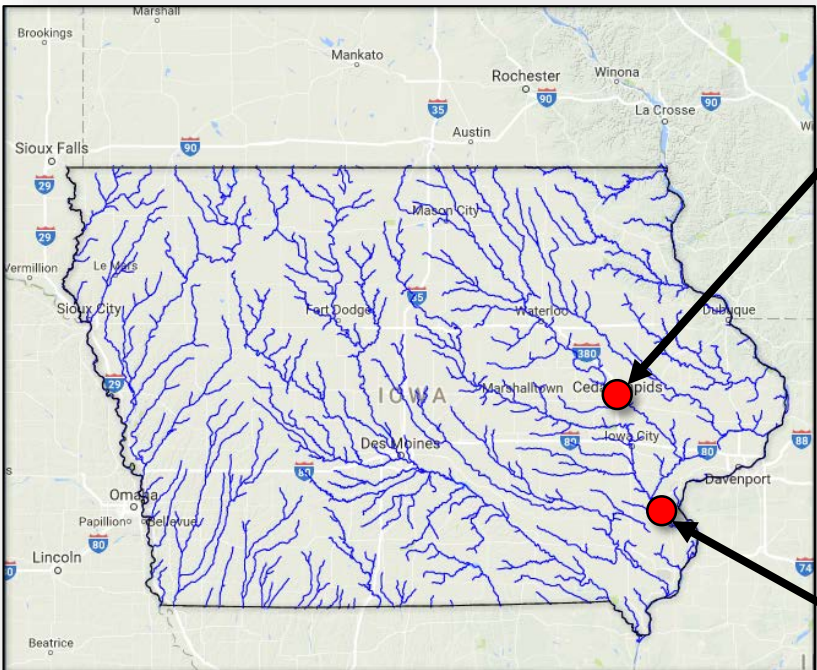
Impacts: Bridges and secondary roads are closed



Peak Forecast Crest: 13.5'
by late week

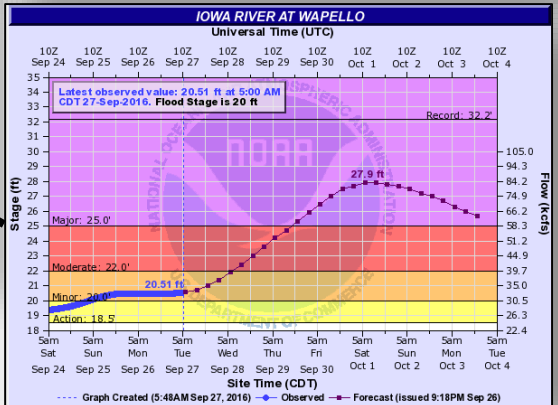
Impacts: Water affects residences and businesses along the river between Wheatland and Calamus if no protective measures

Cedar and Iowa Rivers



Peak Forecast Crest: 23'
by Tuesday

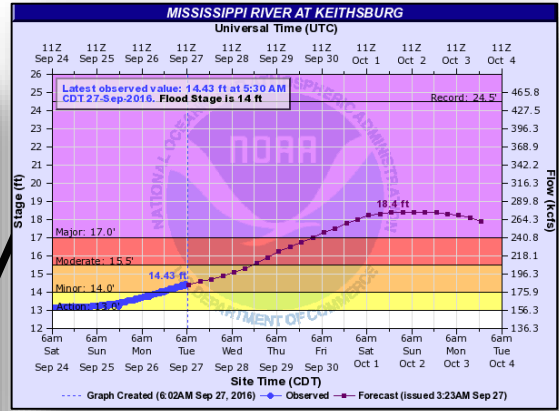
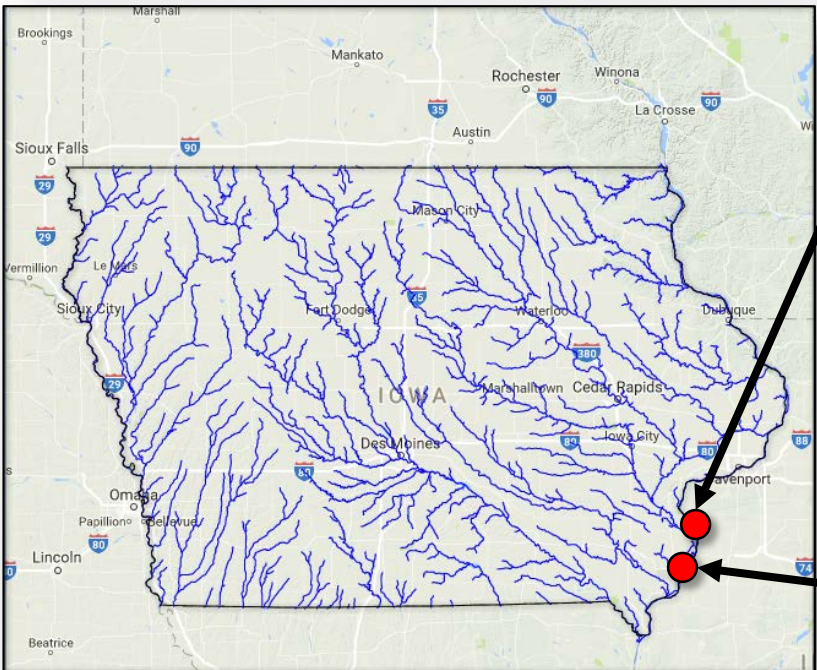
Impacts: Several bridges and roads closed; Levee system overtopped at 22.5'; Voluntary evacuations and curfew in place for impacted areas (~1.500 structures)



Peak Forecast Crest: 27.9'
by this weekend

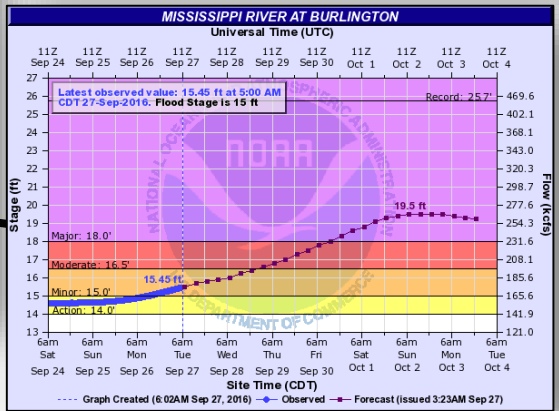
Impacts: Water reaches bottom of U.S. 61 bridge and nearby residences are flooded if no protective measures

Mississippi River



Above Major Flooding by Late Week

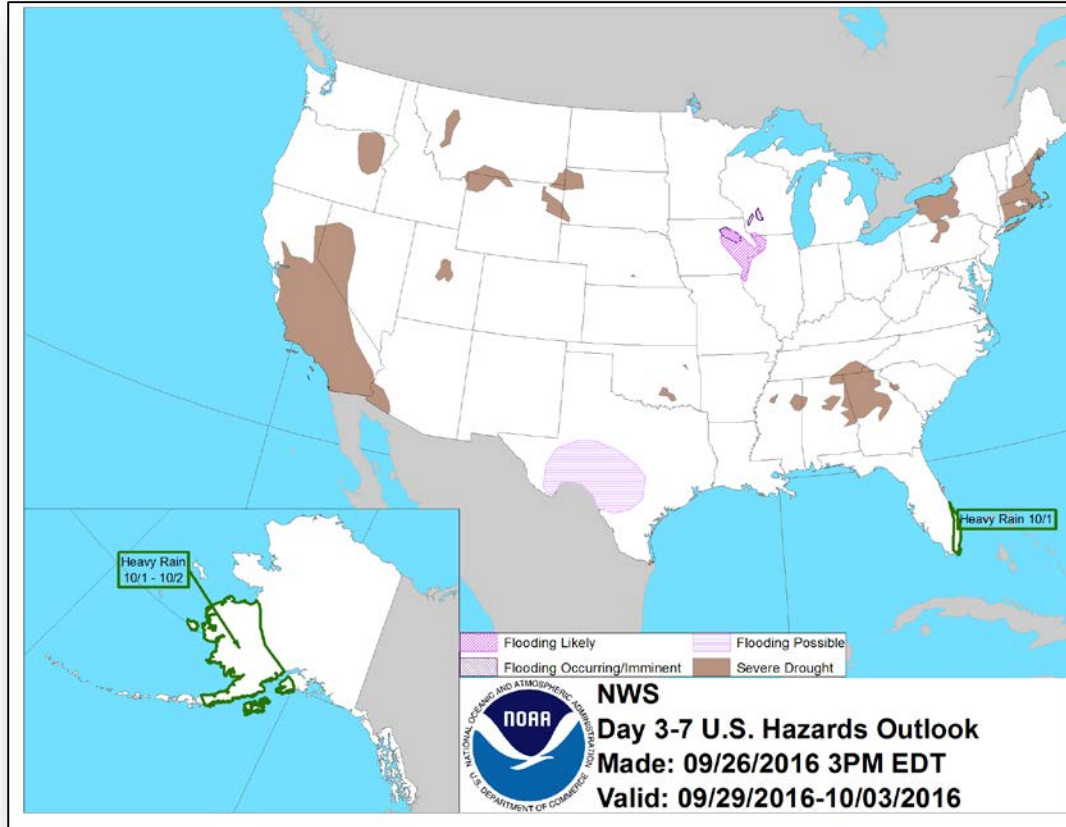
Impacts: Water affects city blocks and homes along the river in Keithsburg, IL and Oquawka, IL if no protective measures



Above Major Flooding by Late Week

Impacts: Water affect roads along the river in Burlington, and low-lying buildings and homes in Montrose, IA and Niota, IL if no protective measures

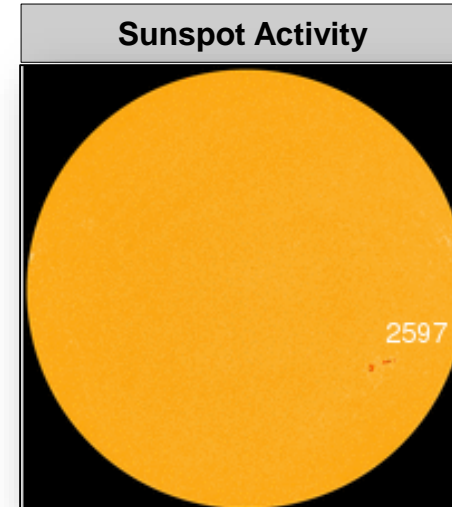
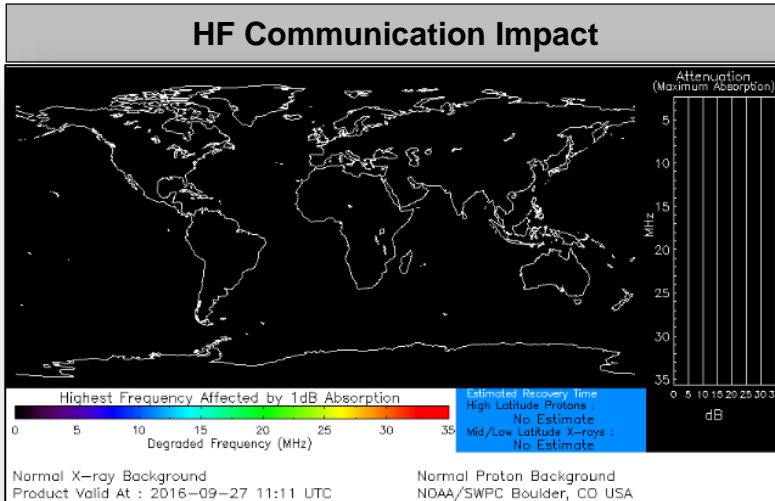
Hazards Outlook - Sep 29- Oct 3



Space Weather

	Space Weather Activity	Geomagnetic Storms	Solar Radiation	Radio Blackouts
Past 24 Hours	Minor	G1	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>

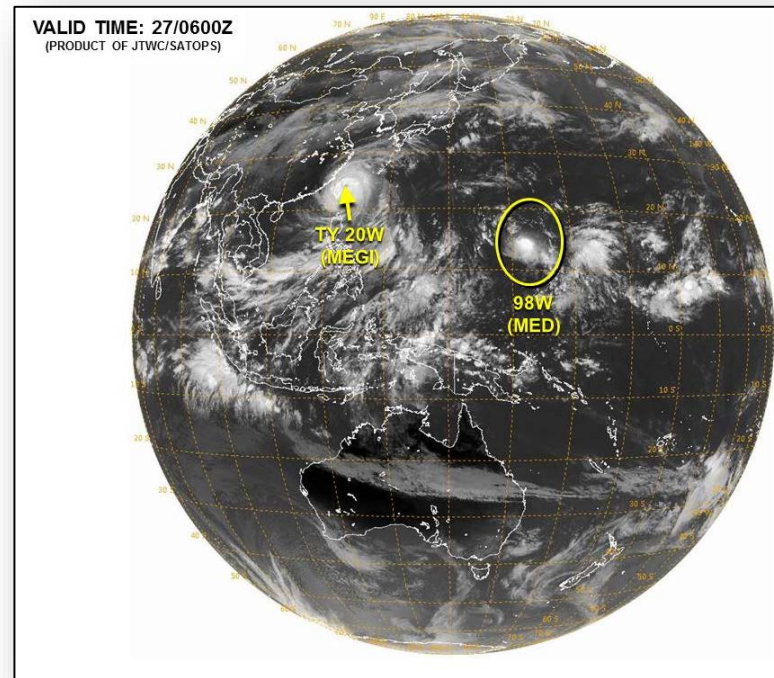


Tropical Outlook – Western Pacific



Invest 98W (as of 2:00 a.m. EDT)

- Located 575 miles E of Anderson AB, Guam
- Moving west towards Guam next 2-3 days
- Maximum sustained winds 17-23 mph
- Formation chance through 24 hours: Medium



Tropical Outlook - Atlantic

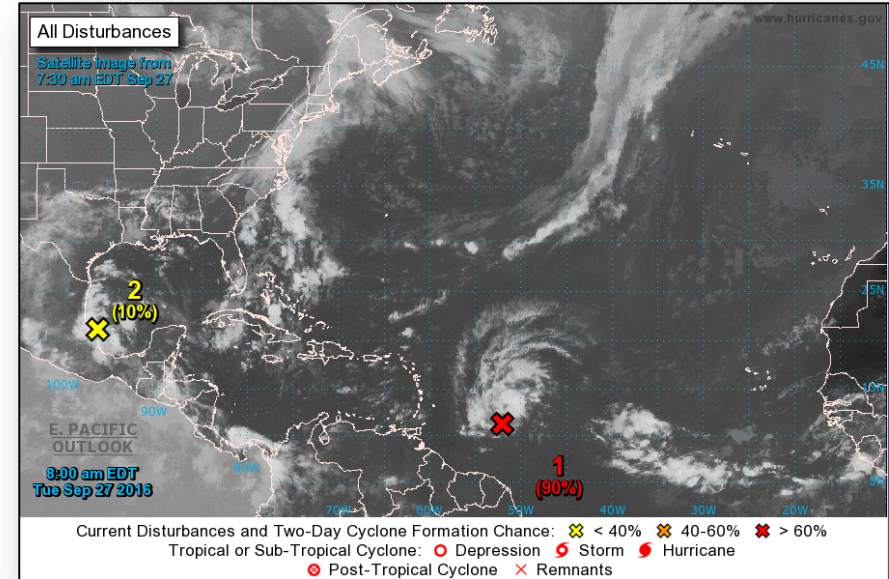


Disturbance 1 (Invest 97L) (as of 8:00 a.m. EDT)

- Located 475 miles ESE of Barbados
- Moving W to WNW at 15-20 mph
- Tropical depression or tropical storm could form later today or tonight
- Air Force Reserve reconnaissance aircraft scheduled to investigate this afternoon
- Formation chance through 48 hours: High (90%)
- Formation chance through 5 days: High (90%)

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

- Located over southwestern Gulf of Mexico
- Drifting west
- Conditions not expected to be conducive for significant development before it moves inland over northeastern Mexico next day or so
- Formation chance through 48 hours: Low (10%)
- Formation chance through 5 days: Low (10%)

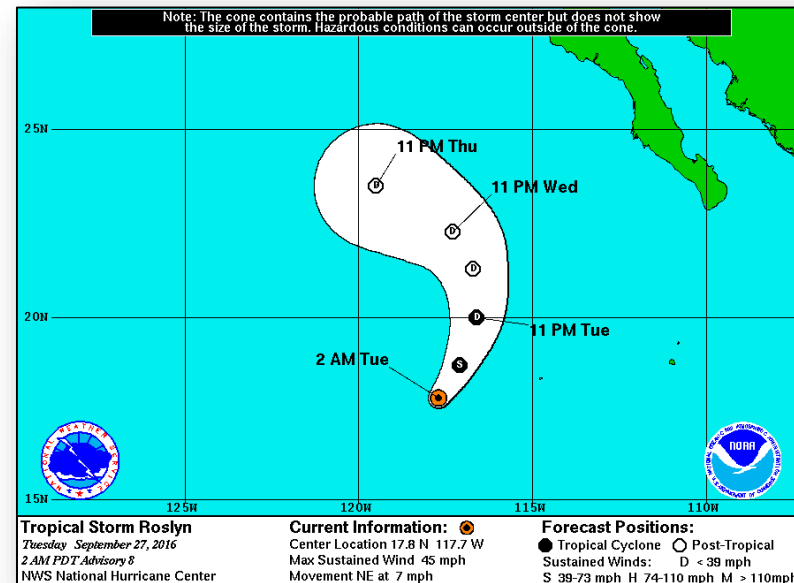


Tropical Outlook - Eastern Pacific



Tropical Storm Roslyn: (Advisory #8 as of 5:00 a.m. EDT)

- Located 615 miles WSW of southern tip of Baja California
- Moving NE at 7 mph
- This motion expected to continue today with a turn N early Wednesday, followed by a turn NNW Wednesday night
- Maximum sustained winds 45 mph
- Additional weakening is forecast next 48 hours
- Forecast to become a tropical depression tonight and a remnant low on Wednesday
- Tropical storm force winds extend 140 miles
- No coastal watches or warnings in effect

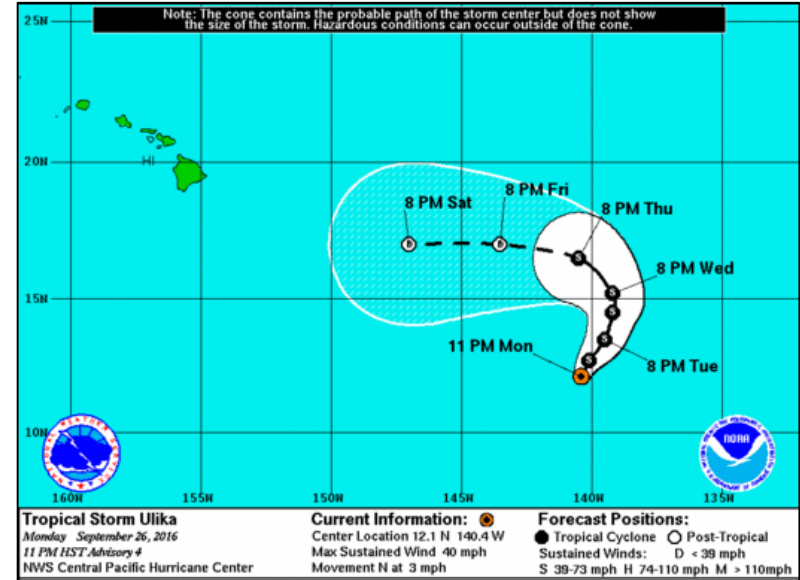


Tropical Outlook - Central Pacific



Tropical Storm Ulika (Advisory #4 as of 5:00 a.m. EDT)

- Located 1,105 miles ESE of Hilo, Hawaii
- Moving N at 3 mph
- A turn NE is expected today or Wednesday
- Maximum sustained winds 40 mph
- Some increase in intensity expected next couple of days
- Tropical storm force winds extend 45 miles
- No coastal watches or warnings



Joint Preliminary Damage Assessments



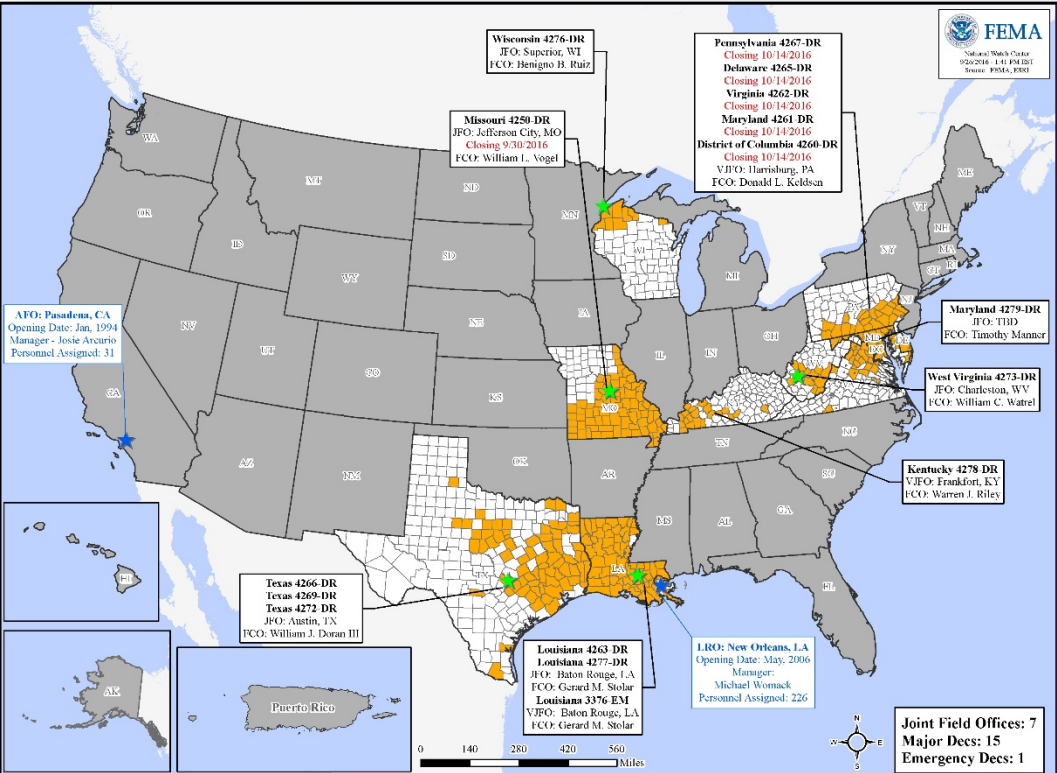
Region	State / Location	Event	IA/PA	Number of Counties		Start – End
				Requested	Complete	
IV	Florida	Severe Storms and Flooding (TS Hermine) August 30, 2016 – Ongoing	IA	12	12	9/6 – 9/15
			PA	33	26	9/7 – TBD
VII	Iowa	Flooding September 21 – Ongoing	IA	9	0	9/29 – TBD
IX	Hawaii	Flash Flooding and Mudslides Week of September 11, 2016	PA	1	1	9/20 – 9/23

Disaster Requests & Declarations



Declaration Requests in Process		Requests APPROVED (since last report)	Requests DENIED (since last report)
4	Date Requested	0	0
KS – DR (Appeal) Severe Storms, Tornadoes, Straight-line Winds, and Flooding	August 31, 2016		
IA – DR Severe Storms, Straight-line Winds, and Flooding	September 19, 2016		
FL – DR Hurricane Hermine	September 20, 2016		
Navajo Nation – DR Severe Storms and Flooding	September 21, 2016		

Open Field Offices as of September 26



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 3 2 1
FDRC	Red	10	1	10%	0	3	6		
US&R	Green	28	27	96%	1	0	0	NJ-TF1: Partially Mission Capable	<ul style="list-style-type: none"> • Green = Available / FMC • Yellow = Available / PMC • Red = Out-of-Service • Blue = Assigned / Deployed
National IMAT	Yellow	3	2	67%	0	0	1	East 2 to LA (DR-4277)	<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	Green	13	9	69%	0	0	4	<u>Deployed:</u> Region II to LA (DR-4277) Region VI Team 2 to LA (DR-4277) Region VIII to LA (DR-4277) Region X to LA (DR-4277)	<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	Green	18	17	94%	0	0	1	<u>Assets are supporting:</u> PR (Zika UCG)	<ul style="list-style-type: none"> • Green = >66% available • Yellow = 33% to 66% available • Red = <33% available

MERS Availability Summary



MERS Availability Summary

as of 9/27/2016

Legend	> 66%	< 66% & > 33%	< 33%
	Personnel Availability	Equipment Availability	% Deployed
Bothell MERS	79%	100%	15%
Denton MERS	47%	69%	45%
Denver MERS	94%	87%	0%
Frederick MERS	95%	100%	0%
Maynard MERS	78%	100%	0%
Thomasville MERS	94%	100%	2%
<i>Disaster Emergency Communications Division</i>			
Overall MERS Availability	79%	93%	12%

Readiness – National and Regional Teams



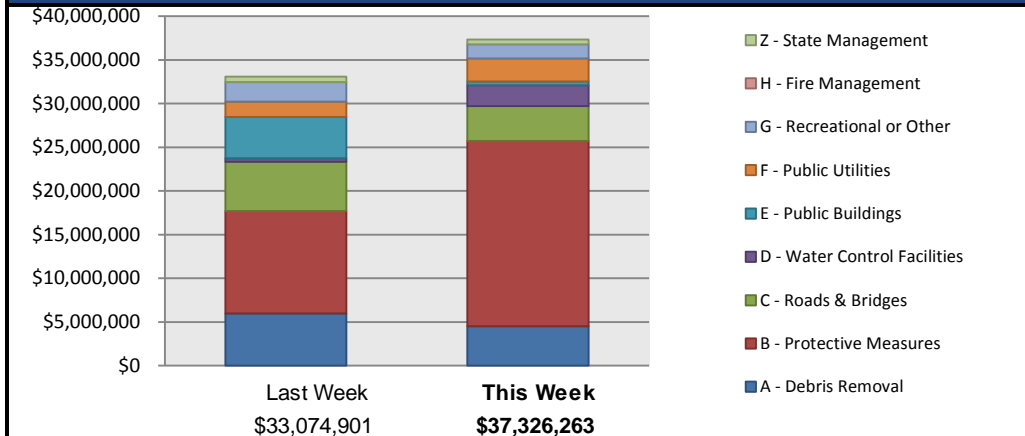
Resource	Status	Total	FMC Available		Partially Available	Not Available	Status	Comments	Rating Criteria
NWC	Green	5	5		0	0	Not Activated		<ul style="list-style-type: none"> • Green = FMC • Yellow = PMC • Red = NMC
NRCC	Green	2	2	100%	0	0	Not Activated		
HLT	Green	1	1	100%	0	0	Activated		
RRCCs	Green	10	10	100%	0	0	Not Activated		
RWCs/MOCs	Green	10	10	100%	0	0	Activated	Region VII at Enhanced Watch (day shift) for Iowa flooding	

Public Assistance Grant Program



PA Project Worksheets Obligated in past week, as of 09/26/16 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	33	83	67	5	11	14	12	0	4	229
Federal Share Obligated	\$4,498,839	\$21,209,901	\$4,005,864	\$2,364,619	\$473,330	\$2,607,334	\$1,622,009	\$0	\$544,366	\$37,326,263

Public Assistance Obligated per Category In the Past 2 Weeks – 09/12/2016 through 09/26/2016



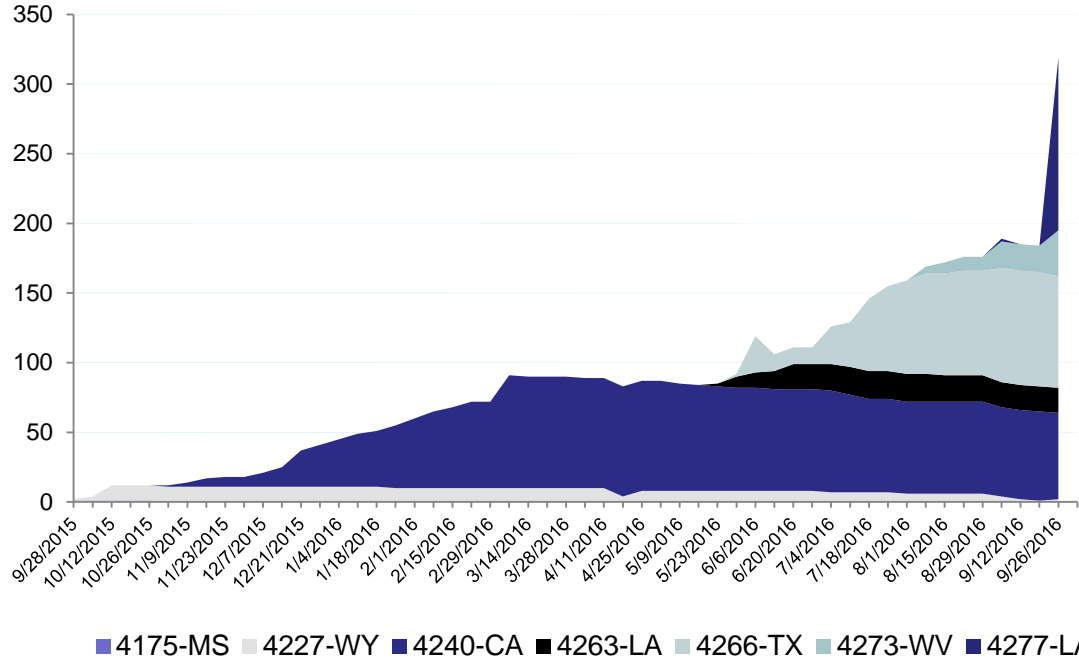
PA Highlights

- None at this time.

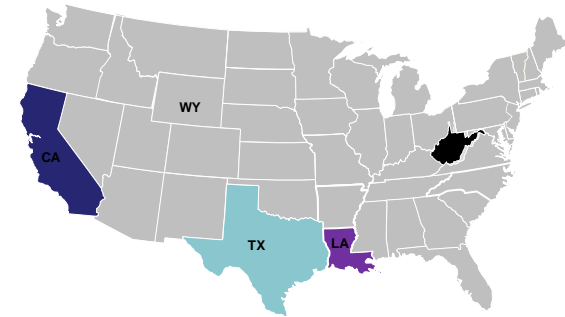
Direct Housing



**Total Households in FEMA Direct Housing per State
Past Year per Week, 9/28/2015 – 9/26/2016, There are currently 319 Households
Occupying 319 Temporary Units**



DR	IA Declaration Date	Program End Date	Current # of Households in Direct Housing (Weekly Change)
4227-WY	7/7/2015	1/7/2017	2(-4)
4240-CA	9/22/2015	3/22/2017	62(-4)
4263-LA	3/13/2016	9/13/2017	18(-2)
4266-TX	3/19/2016	9/19/2017	80(+7)
4273-WV	6/25/2016	12/25/2017	33(+25)
4277-LA	8/14/2016	2/14/2018	124(+122)



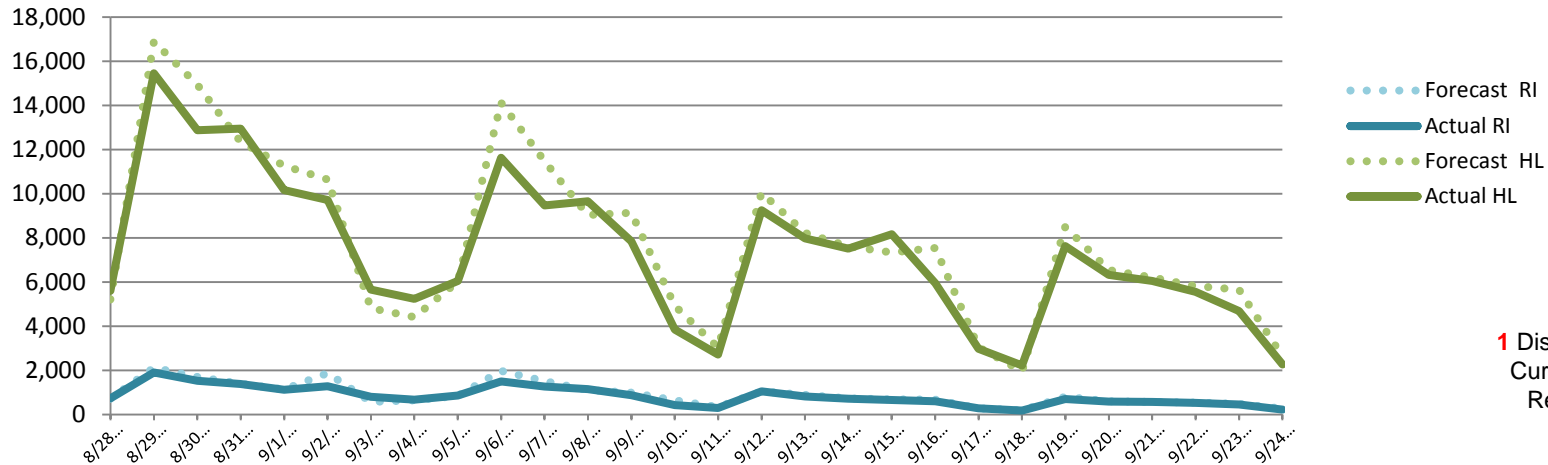
States with Currently Occupied Units

NPSC Activity



NPSC Call Activity in the Past Week				
9/18/2016 through 9/24/2016				
Call Type	Projected Calls	Actual Calls	Average Speed of Answer	Maximum Delay Time
Registration Intake:	3,442	3,225	:13	15:46
Helpline:	37,295	34,128	:32	12:33
Combined:	40,737	37,353	:31	15:46

NPSC Call Forecasting and Actual Calls Over the Past 4 Weeks
08/21/2016 through 09/17/2016



1 Disasters with a Currently Open Registration Period

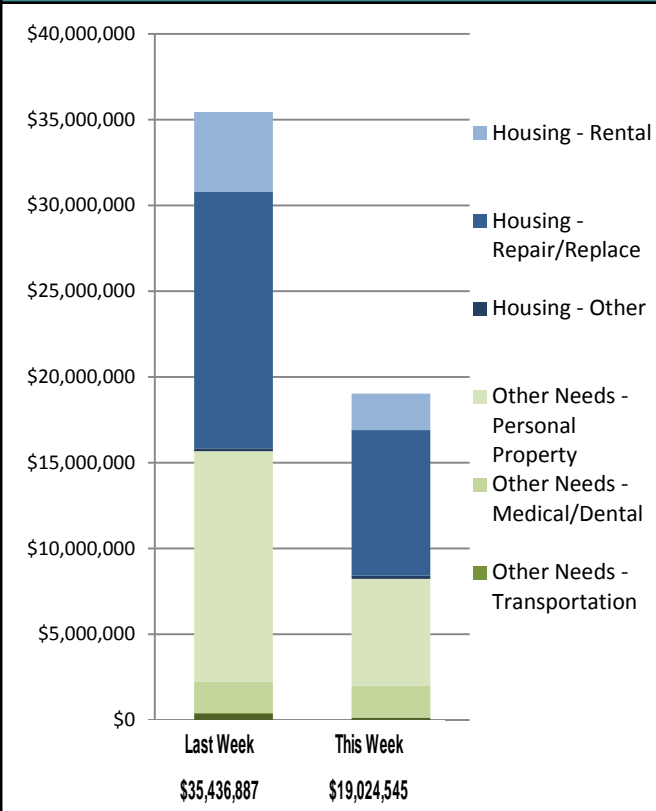
Individual Assistance Activity



Individuals and Households Program Activity As Of: 9/26/16

	Individuals and Households Program Activity As Of: 9/26/16				
		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	2,007	\$10,126,189.15	69,574	\$547,370,560.84
	Other Needs Assistance	2,139	\$8,023,339.14	35,546	\$124,041,852.53
	Total IHP	\$18,149,528.29		\$671,412,413.37	
	Average IHP Award			8,617	
	Total Max Grants			2,519	
Other IHP Active	12 Declarations IHP Programmatically Open - Closed Registration *				
	Housing Assistance	174	\$667,302.84		
	Other Needs Assistance	83	\$207,713.48		
	Total IHP	\$875,016.32			
	Total IHP Approved in Past Week	\$19,024,544.61			

IHP Approved per Category in the Past 2 Weeks – 09/12/2016 through 09/26/2016





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.