



# 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

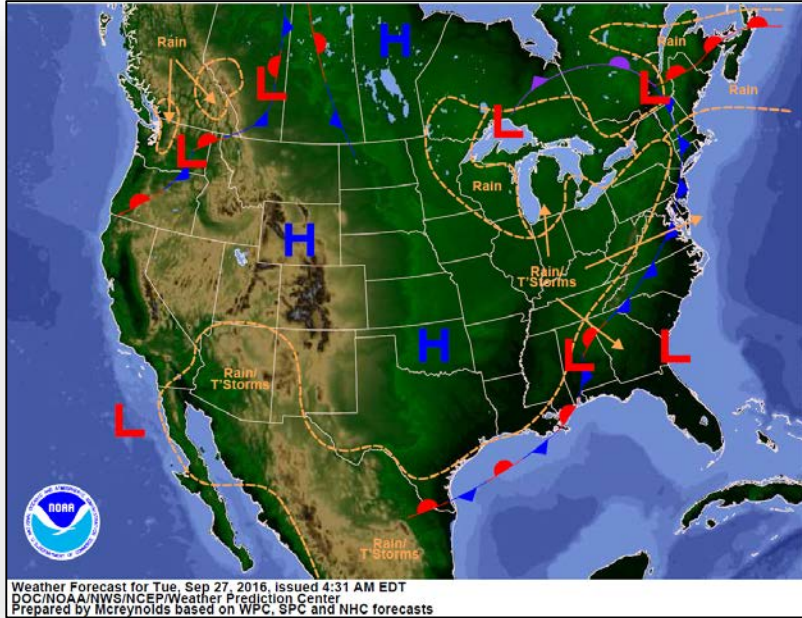
**Significant Weather:**

- 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

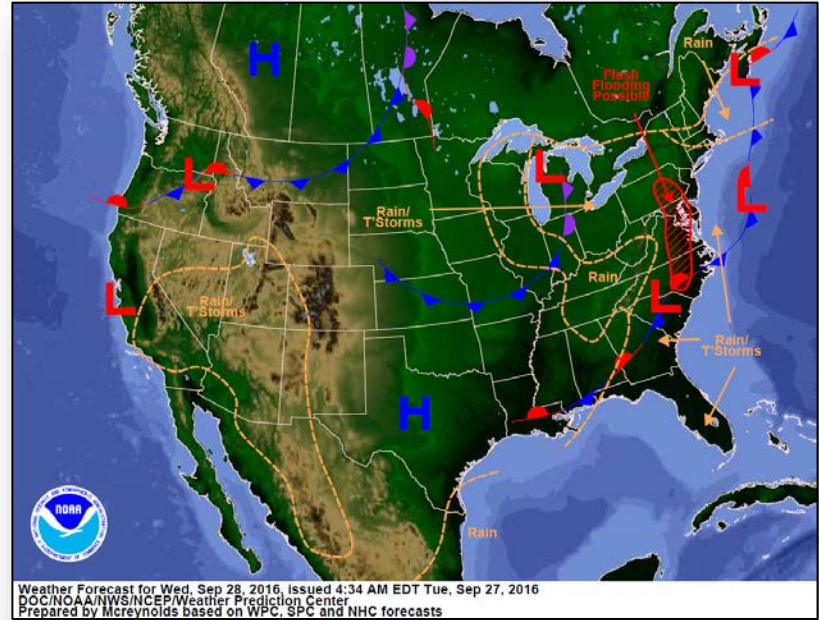
**Earthquake Activity:** No significant activity

**Declaration Activity:** None

# National Weather Forecast



*Today*

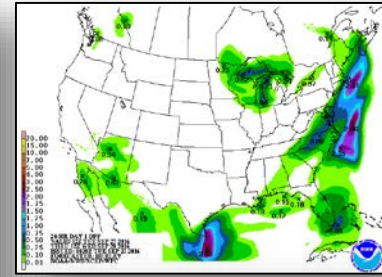
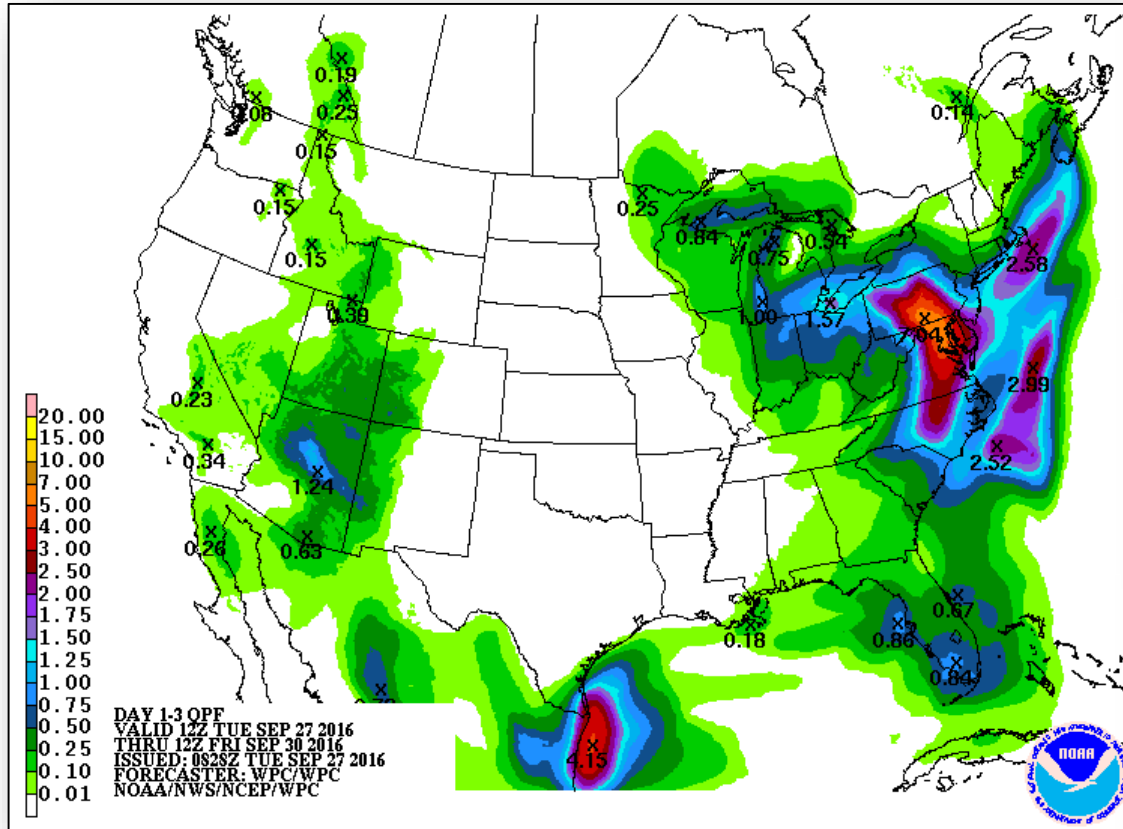


*Tomorrow*

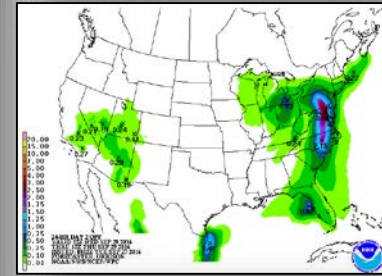
# Precipitation Forecast - Days 1-3



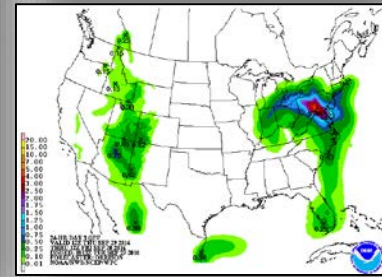
FEMA



Day 1

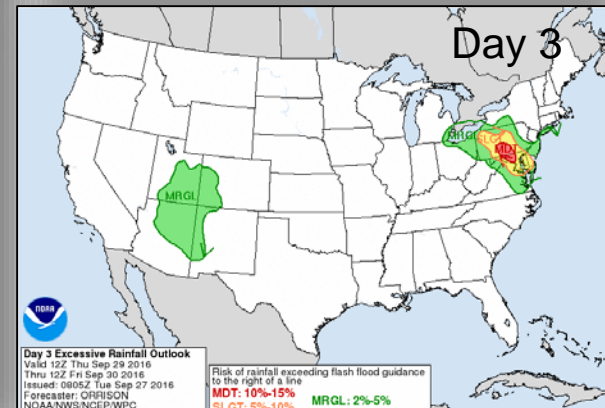
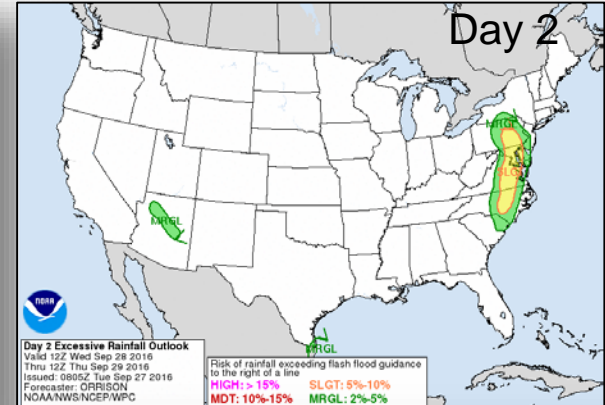
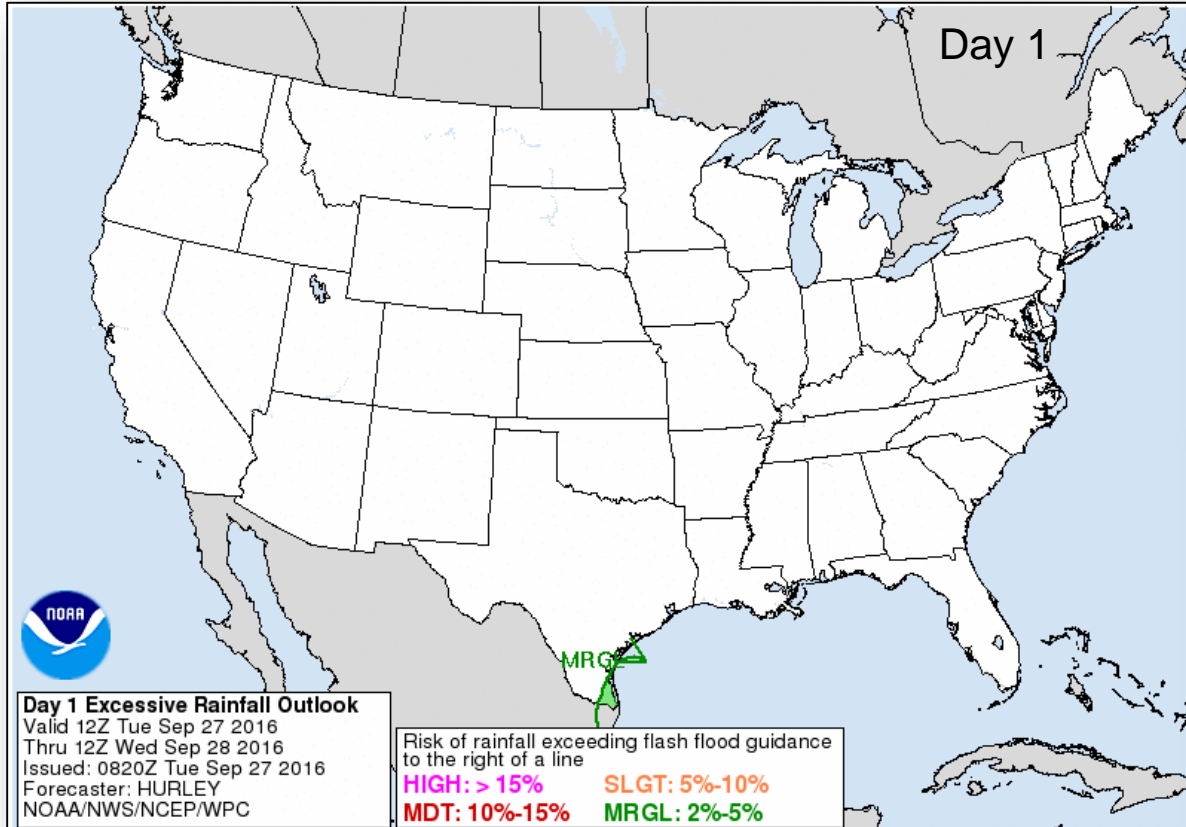


Day 2

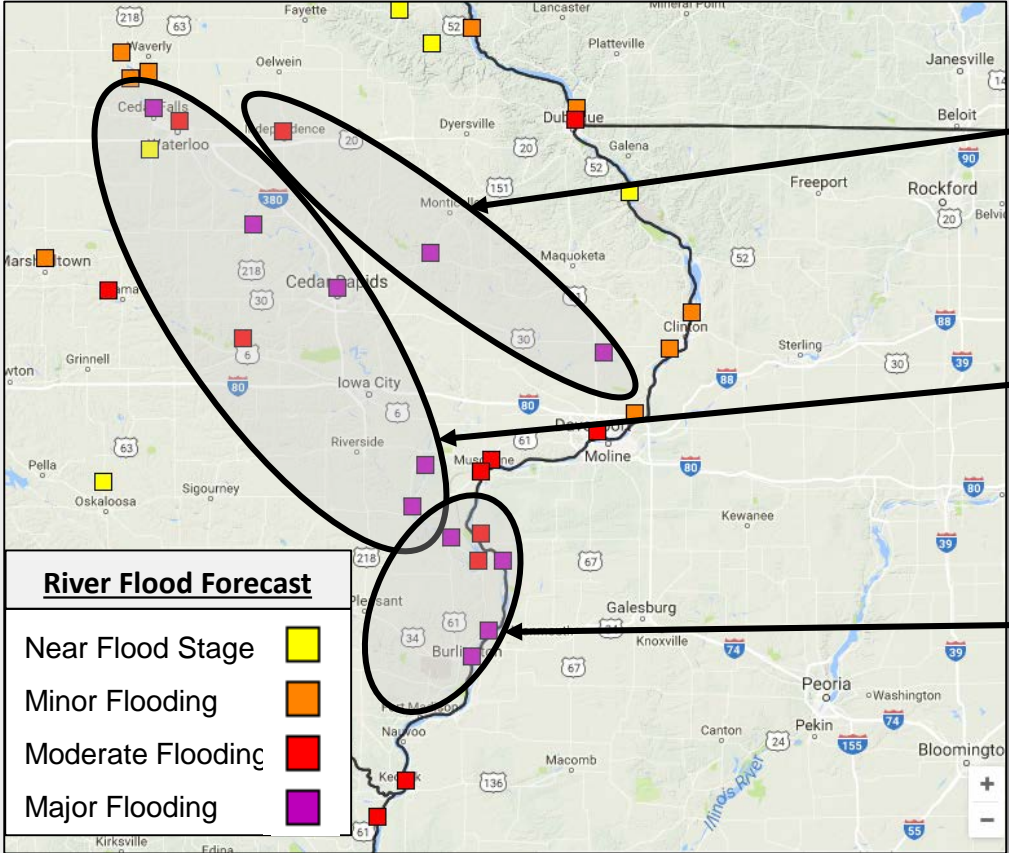


Day 3

# Flash Flood Outlook - Days 1-3



# Upper Midwest Flooding

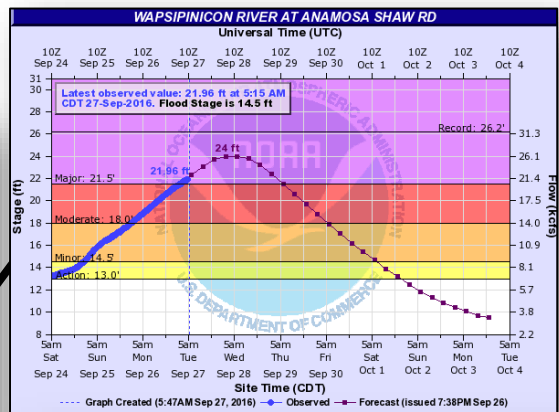
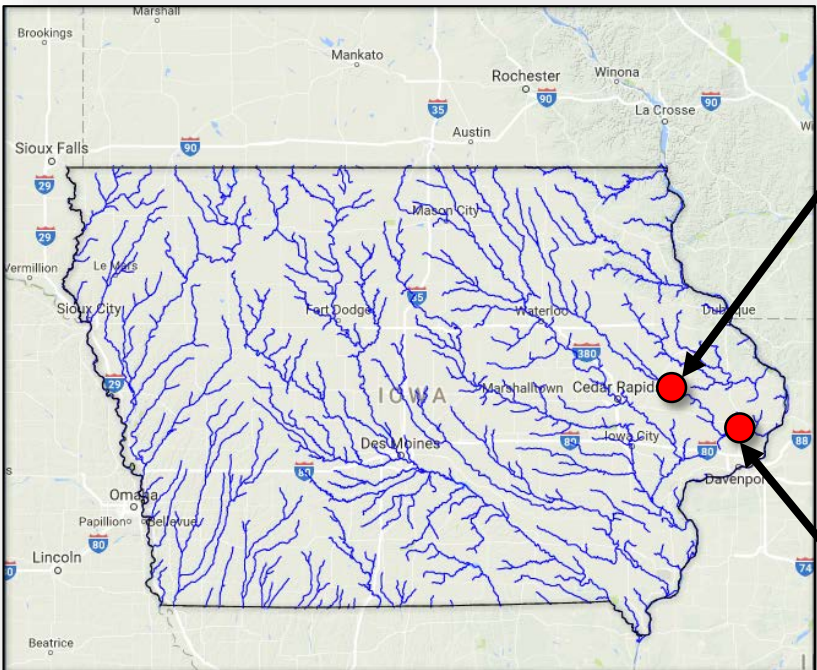


**Wapsipinicon River:**  
Independence (Past Crest) to DeWitt, IA (Crest Late Week)

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

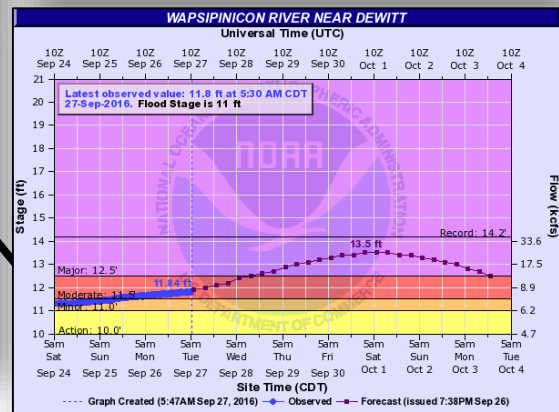
**Mississippi River:**  
Keithsburg, IL to near Keokuk, IA (Crest by Weekend or Early Next Week)

# Wapsipinicon River



**Peak Forecast Crest: 24'**  
by Wednesday

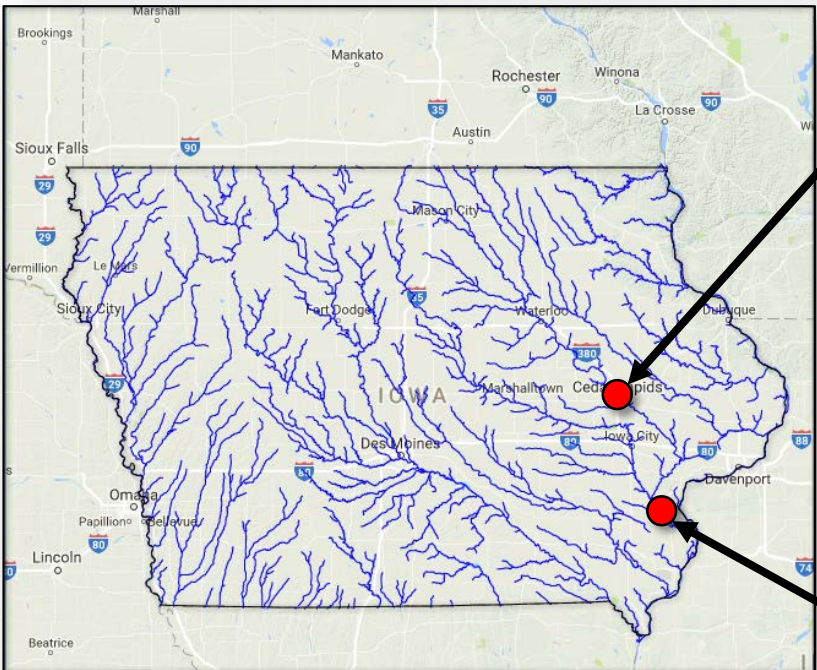
**Impacts:** Bridges and secondary roads are closed



**Peak Forecast Crest: 13.5'**  
by late week

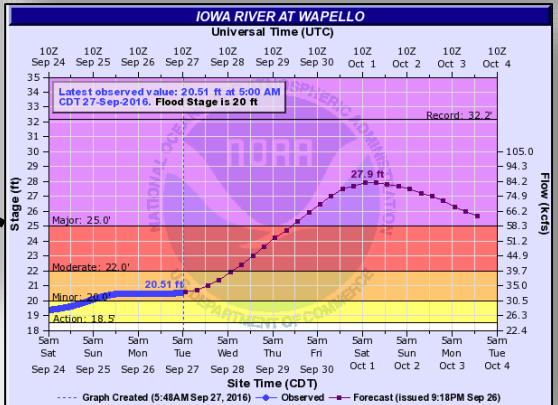
**Impacts:** Water affects residences and businesses along the river between Wheatland and Calamus if no protective measures

# 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)

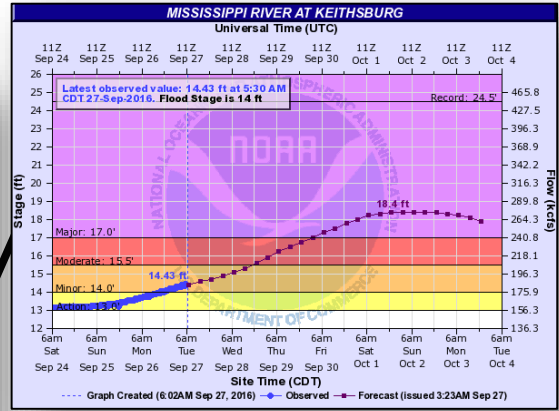
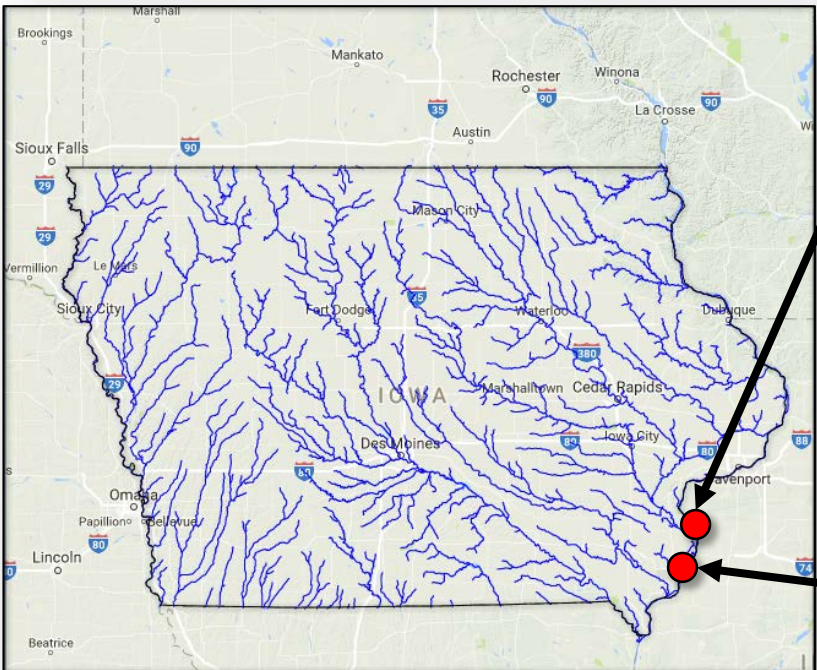


**Peak Forecast Crest: 27.9'**  
by this weekend

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

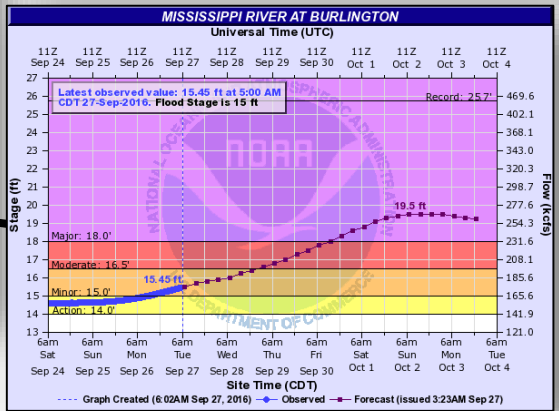


# Mississippi River



**Above Major Flooding by Late Week**

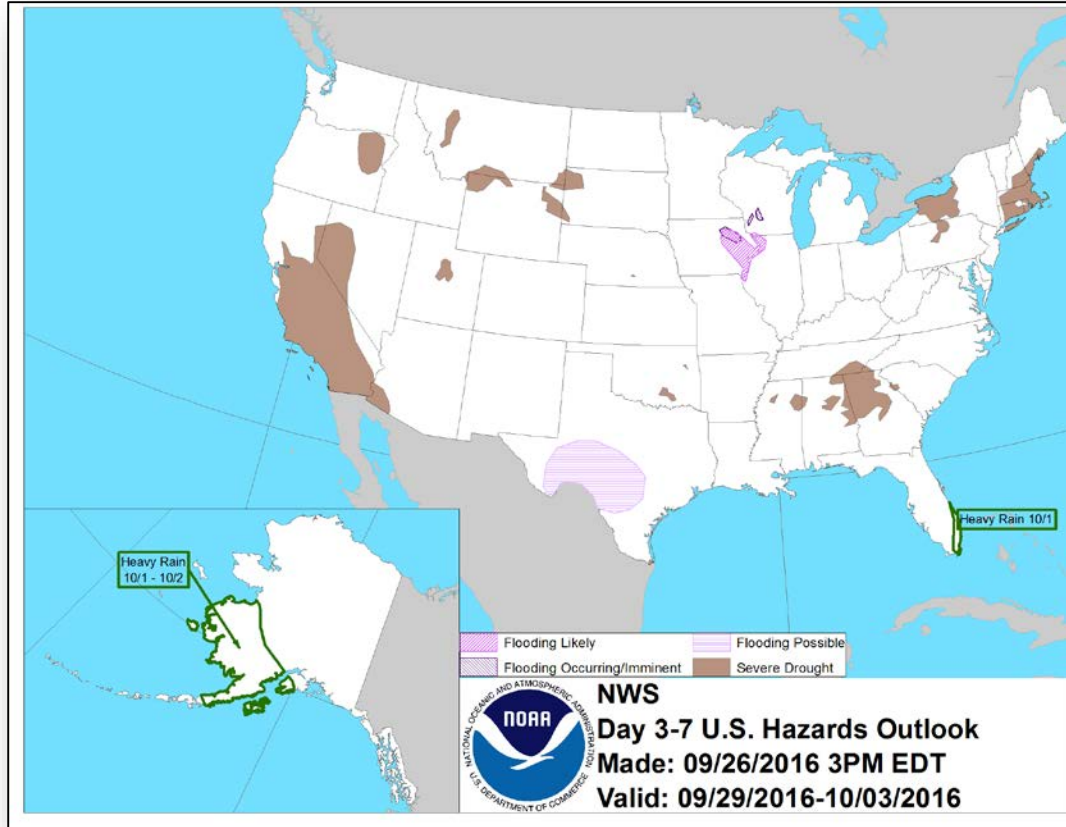
**Impacts:** Water affects city blocks and homes along the river in Keithsburg, IL and Oquawka, IL if no protective measures



**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

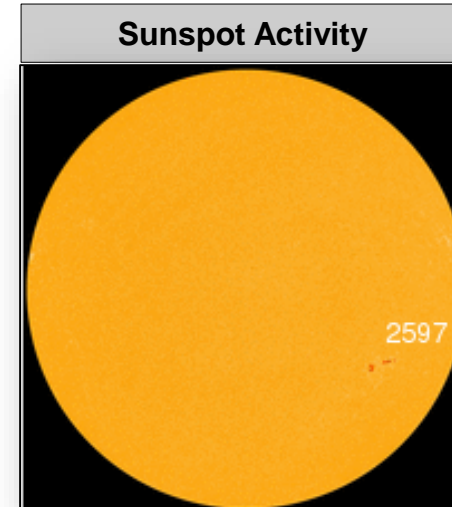
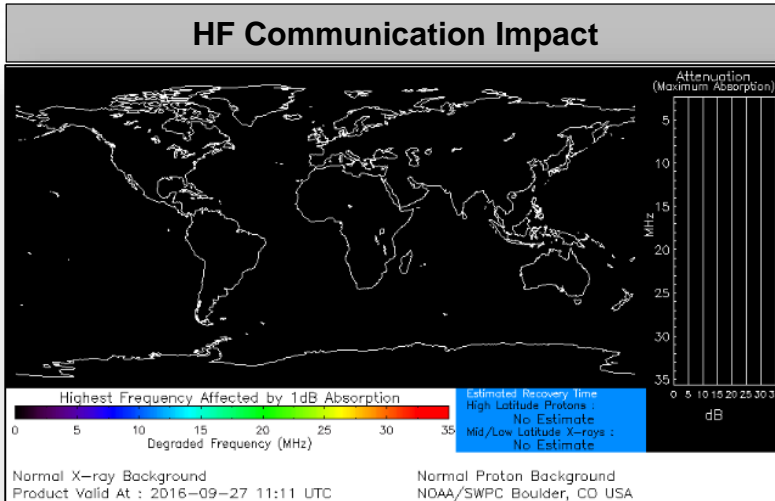
# Hazards Outlook - Sep 29- Oct 3



# 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>*

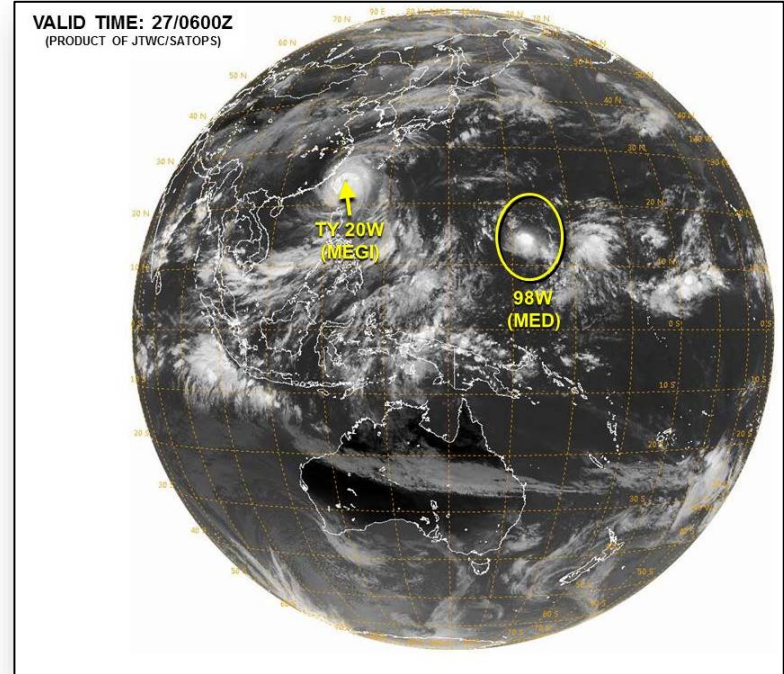


# Tropical Outlook – Western Pacific



## 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

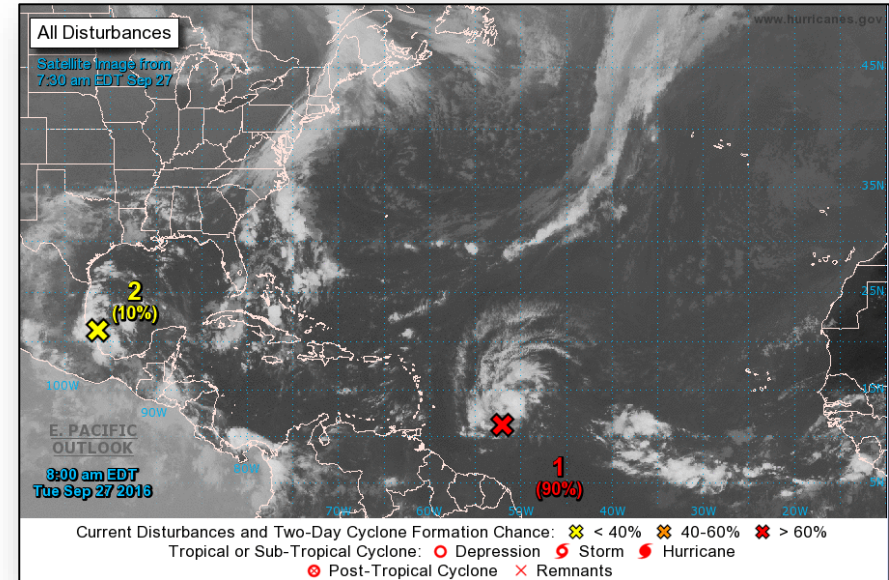


## Disturbance 1 (Invest 97L) (as of 8:00 a.m. EDT)

- 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%)

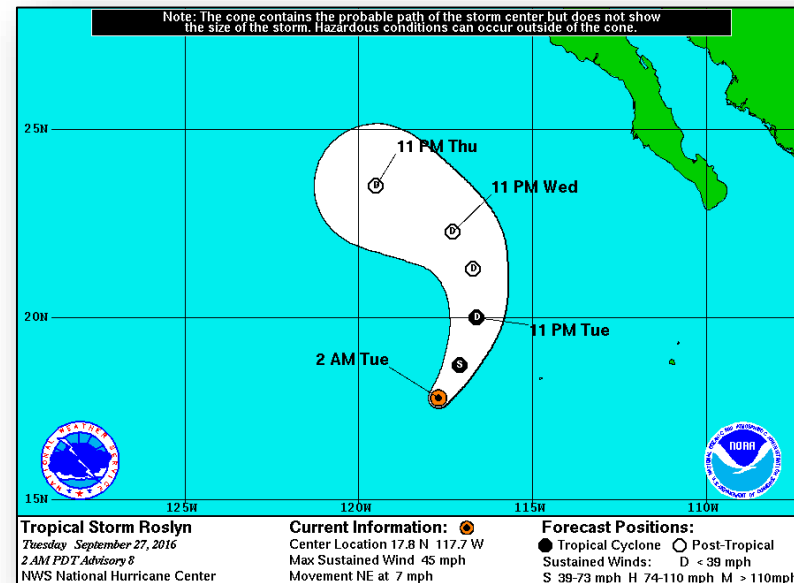


# Tropical Outlook - Eastern Pacific



## 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

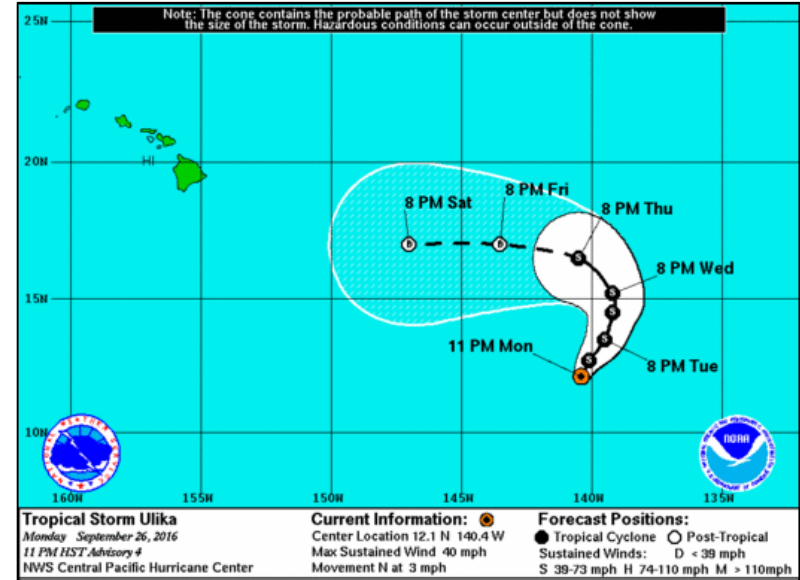


# Tropical Outlook - Central Pacific



## 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

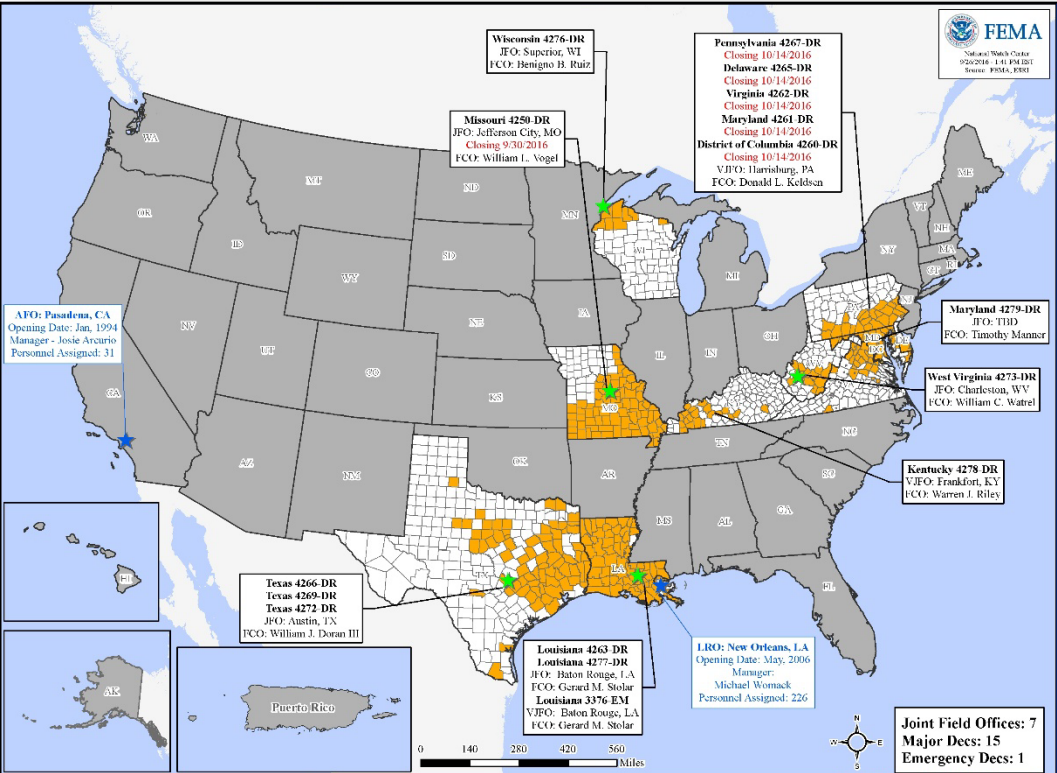


# Disaster Requests & Declarations



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

# 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		FDRC    3        2        1
US&R	Green	28	27	96%	1	0	0	NJ-TF1: Partially Mission Capable	<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	Yellow	3	2	67%	0	0	1	East 2 to LA (DR-4277)	<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	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"> <li>• Green: &gt;6 teams available</li> <li>• Yellow: 4 - 6 teams available</li> <li>• Red: &lt; 4 teams available</li> </ul> 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"> <li>• Green = &gt;66% available</li> <li>• Yellow = 33% to 66% available</li> <li>• Red = &lt;33% available</li> </ul>

# 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



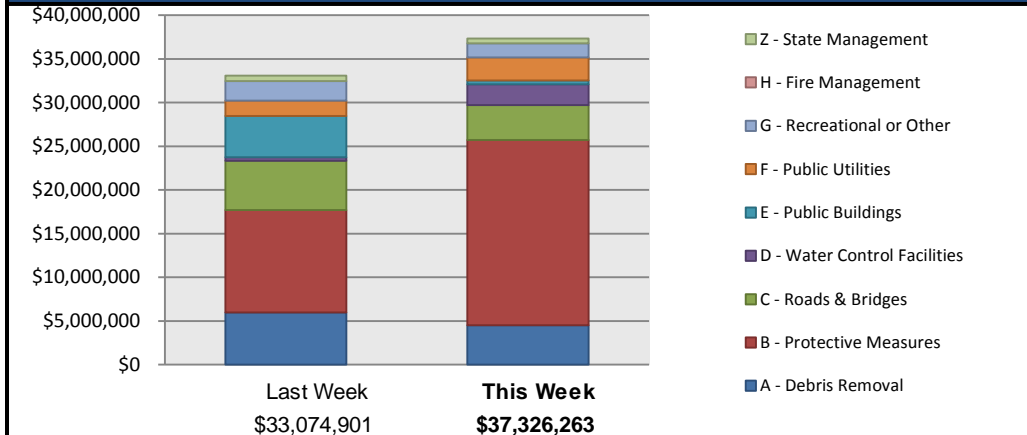
Resource	Status	Total	FMC Available		Partially Available	Not Available	Status	Comments	Rating Criteria
NWC	Green	5	5		0	0	Not Activated		<ul style="list-style-type: none"> <li>• Green = FMC</li> <li>• Yellow = PMC</li> <li>• Red = NMC</li> </ul>
NRCC	Green	2	2	100%	0	0	Not Activated		
HLT	Green	1	1	100%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



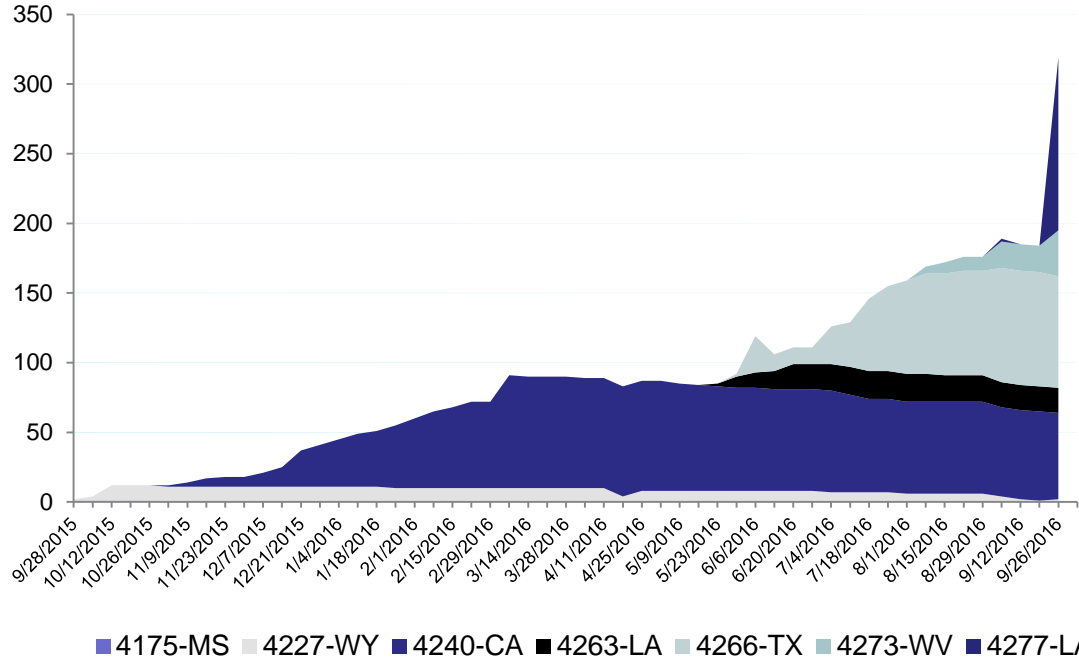
## PA Highlights

- None at this time.

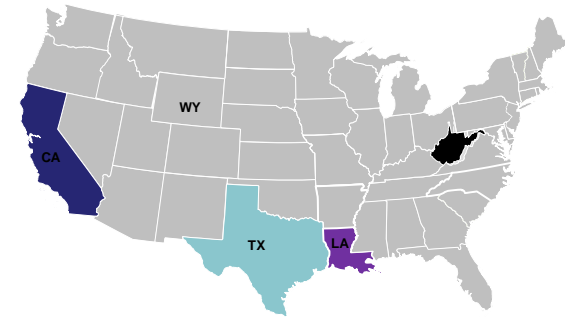
# Direct Housing



**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)



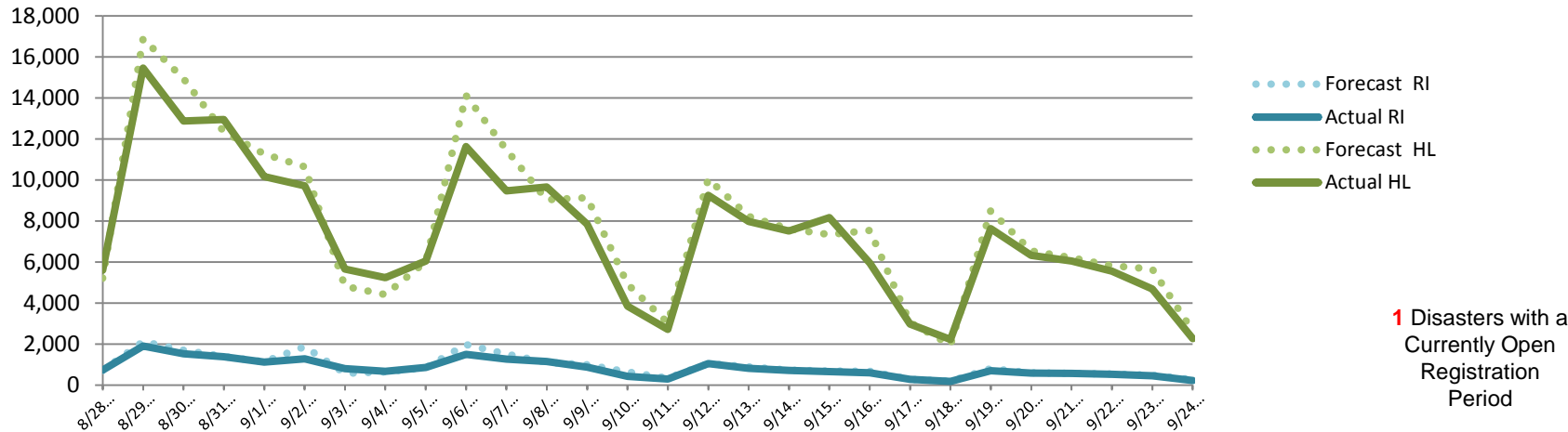
**States with Currently Occupied Units**

# 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
<b>Combined:</b>	<b>40,737</b>	<b>37,353</b>	<b>:31</b>	<b>15:46</b>

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





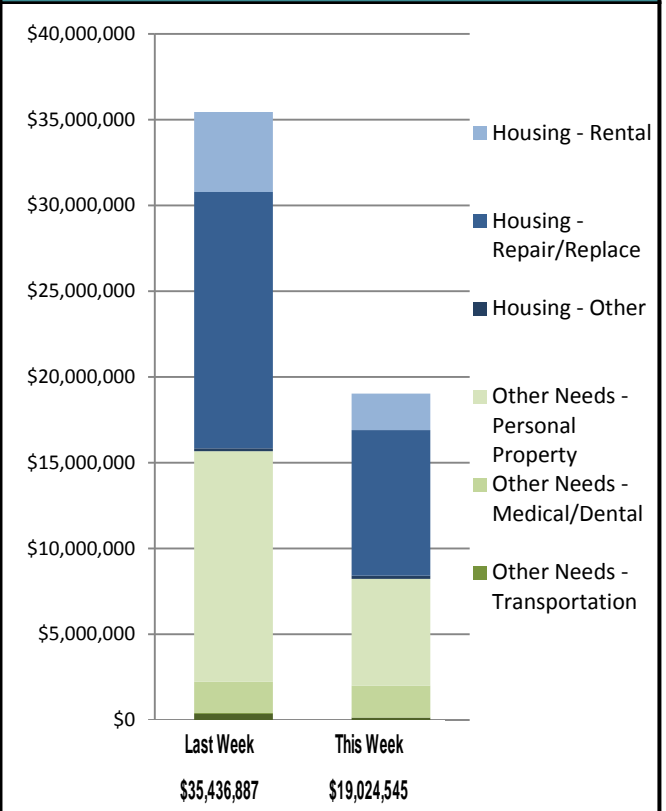
# Individual Assistance Activity



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
	<b>Total IHP</b>	<b>\$18,149,528.29</b>		<b>\$671,412,413.37</b>	
	<b>Average IHP Award</b>			<b>8,617</b>	
	<b>Total Max Grants</b>			<b>2,519</b>	
Other IHP Active	12 Declarations IHP Programmatically Open - Closed Registration *				
	Housing Assistance	174	\$667,302.84		
	Other Needs Assistance	83	\$207,713.48		
	<b>Total IHP</b>	<b>\$875,016.32</b>			
	<b>Total IHP Approved in Past Week</b>	<b>\$19,024,544.61</b>			

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.**