

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, December 29, 2015**

**8:30 a.m. EST**

# Severe Storms & Flooding – Central U.S



## Situation:

Severe weather ranging from blizzard conditions to severe thunderstorms producing numerous tornadoes impacted the Southern Plains and Lower/Middle/Upper Mississippi Valleys

## Impacts:

### Texas (Severe Weather):

- NOAA confirmed an EF-4 tornado hit near Garland
- Power outages: 6k (-15k) customer outages (as of 7:30am EST)\*
- Many roads across west TX and the Panhandle remain closed

### Oklahoma (Severe Weather):

- Power outages: 43k (-46k) customer outages (peak 89k) (as of 7:30am EST)\*

### New Mexico (Severe Winter Weather):

- All lanes of I-40 are closed in both directions from TX border to I-25 in Albuquerque (220mi)
- Las Cruces received more than 12" of snow; I-10 and several major roads closed due to hazards
- Power outage: No significant outages (peak 16k) (as of 7:30a.m. EST)\*

### Missouri (Flooding):

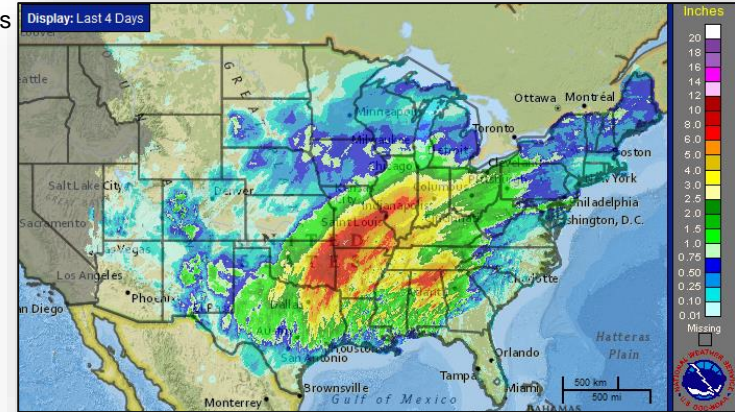
- Voluntary evacuations for West Alton (pop 522) and Allenville (Cape Girardeau Co) (pop 116)
- Lily Lake Dam (private) at Mountain Grove partially breached; mandatory evacuation 100 residents
- Over 284 roads have closed and Eastbound lanes of I-70 and I-44 are closed due to flooding
- Power outages: No significant outages (peak 34k) (as of 7:30am EST)\*

### Illinois (Flooding/Icing Conditions):

- Power outages: 53k (-47k) customer outages (as of 7:30am EST)\*
- Approx. 400 residents were evacuated, due to flooding in Madison Co

### Michigan (Flooding/Icing Conditions):

- Power outages: 59k customer outages (as of 7:30am EST)\*



Precipitation: Last 4-Days (Fri – Mon)

### Storm Related Fatalities:

TX: 11 total (8 confirmed, 3 unconfirmed) – Tornadoes  
IL: 5 confirmed – Flash Flooding (traffic)  
MO: 10 confirmed – Flash Flooding  
AL: 1 unconfirmed – Severe Storm

# Severe Storms & Flooding – Response



## States:

### Texas

- Governor declared State of Emergency for 4 counties (Dec 25)
- TX EOC activate to Level III (Partial Activation)
- TX US&R TF-1 (Type 1) / TF-2 (non FEMA US&R system) demobilized as of Dec 28
- 6 (+1) shelters open w/167 (+71) occupants (ESF-6 Shelter Report as of 6:30 a.m. EST)

### New Mexico

- Governor declared State of Emergency due to heavy snow
- NM EOC activated to Level II (Partial Activation); National Guard are on alert
- 1 (-2) shelters open w/60 (-173) occupants (ESF-6 Shelter Report as of 6:30am EST)

### Oklahoma

- OK EOC activated to Level II
- Governor extended a State of Emergency for an additional 30 days (declared Nov 28) for the winter storm and flooding
- 6 (+5) shelter open w/12 (+16) occupants (ESF-6 Shelter Report as of 6:30am EST)

### Missouri

- Governor declared a State of Emergency due to heavy snow Dec 27
- MO EOC activated to Level II (Partial Activation)
- 7 (+2) shelters open w/33 (-20) occupants (ESF-6 Shelter Report as of 6:30am EST)

### Illinois

- IL EOC activated to Level III (Partial Activation)
- 8 (+7) shelter open w/18 (- 20) occupants (ESF-6 Shelter Report as of 6:30am EST)

### Michigan

- MI EOC activated to Level III (Partial Activation)

### New Hampshire

- NH EOC activated to Level III (Partial Activation)



Photo credit: TX-TF1

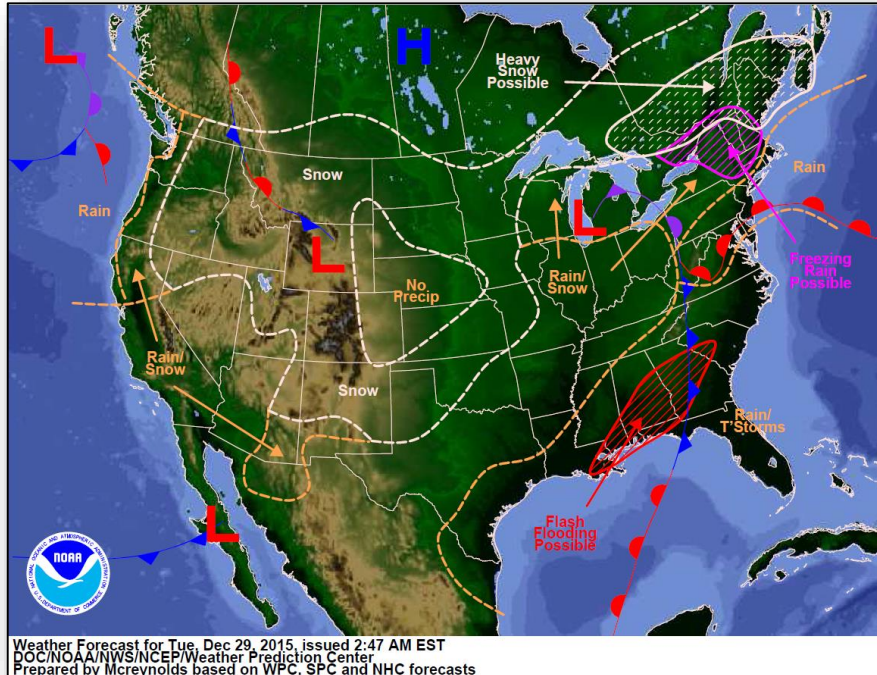
**The City of Garland, TX**

## FEMA:

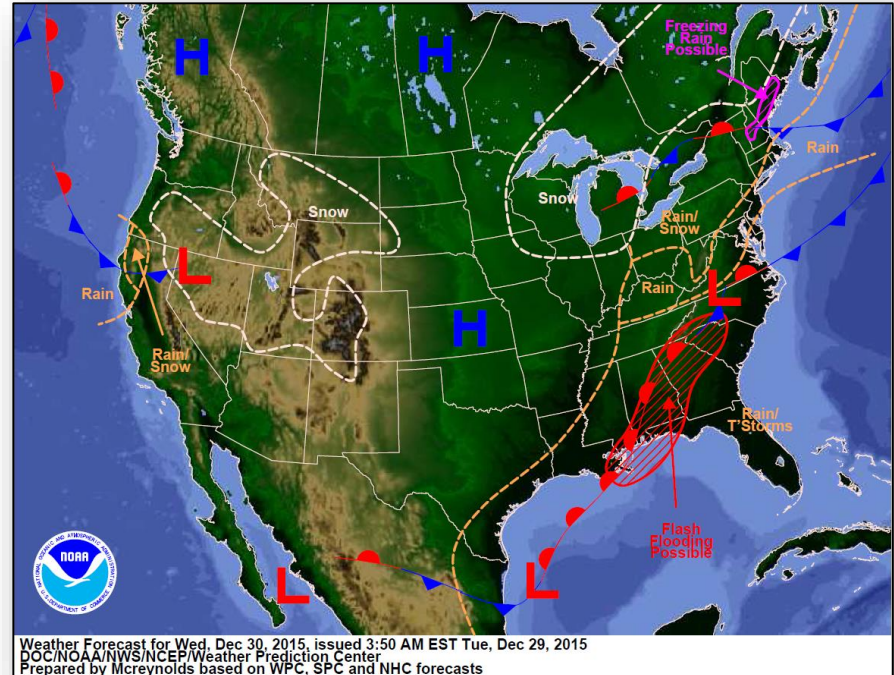
- Region V RWC at Enhanced Watch (Day Shift)
- Region VI RRCC activated to Level III (Day Shift); RWC at Enhanced Watch (Night Shift)
- Region VII RWC at Enhanced Watch (Day Shift)
- ISB Team deploying to Norman, OK - Generators staging in Norman, OK



# National Weather Forecast

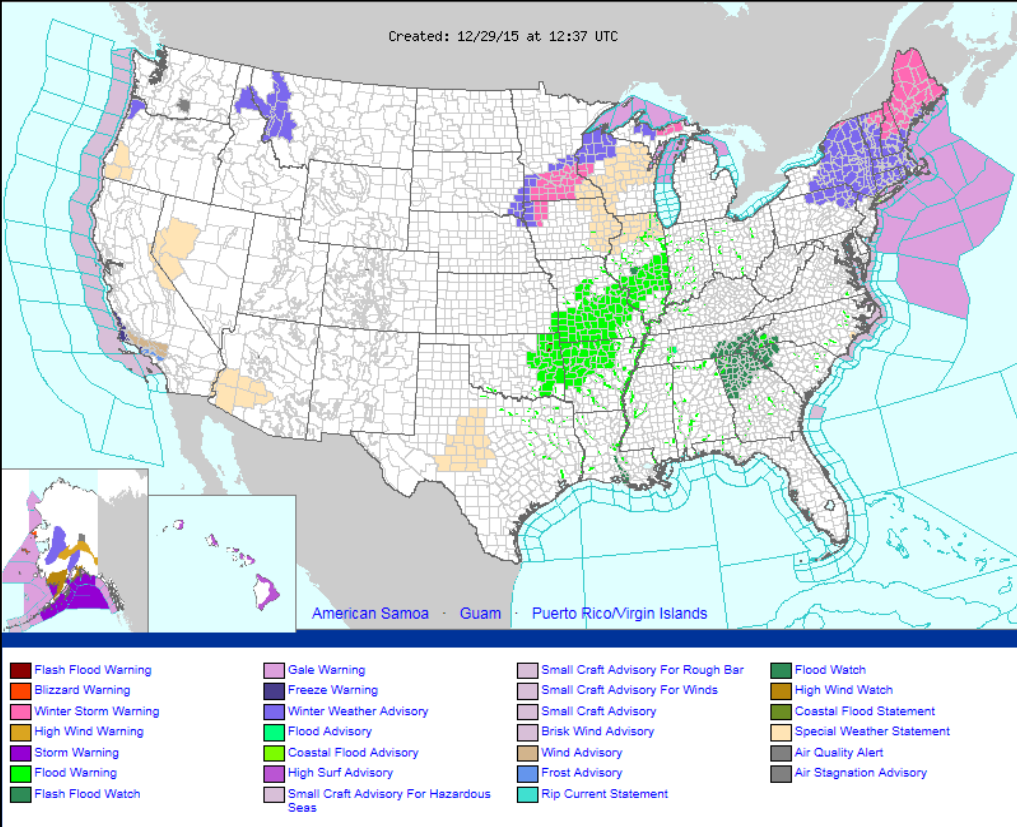


*Today*

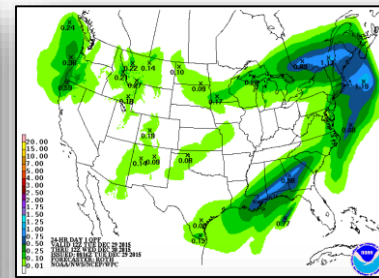
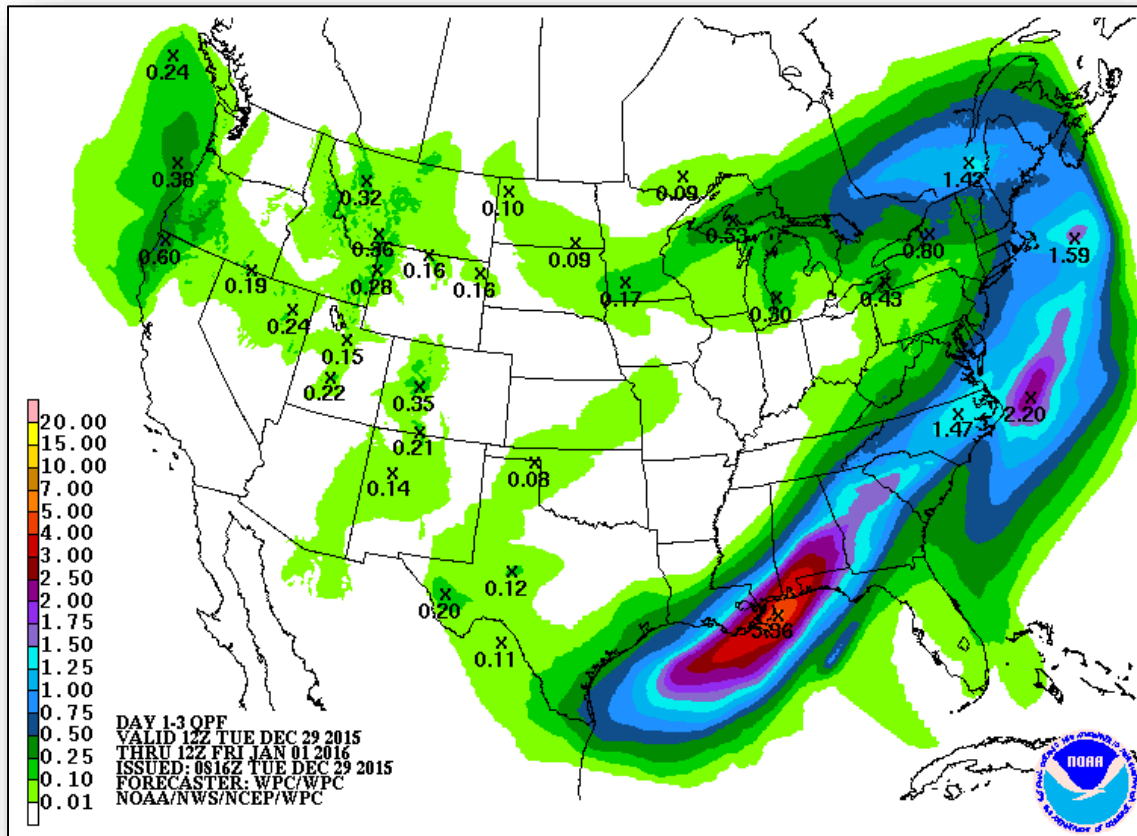


*Tomorrow*

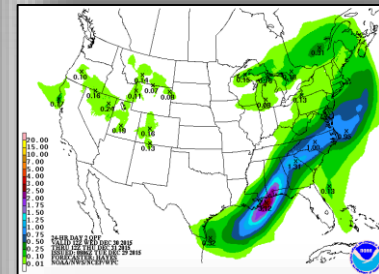
# Active Watches/Warnings



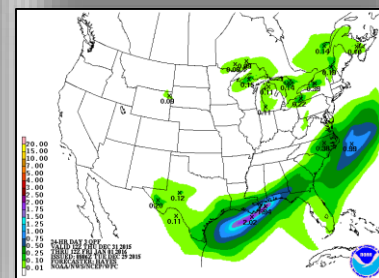
# Precipitation Forecast, 1-3 Day



Day 1



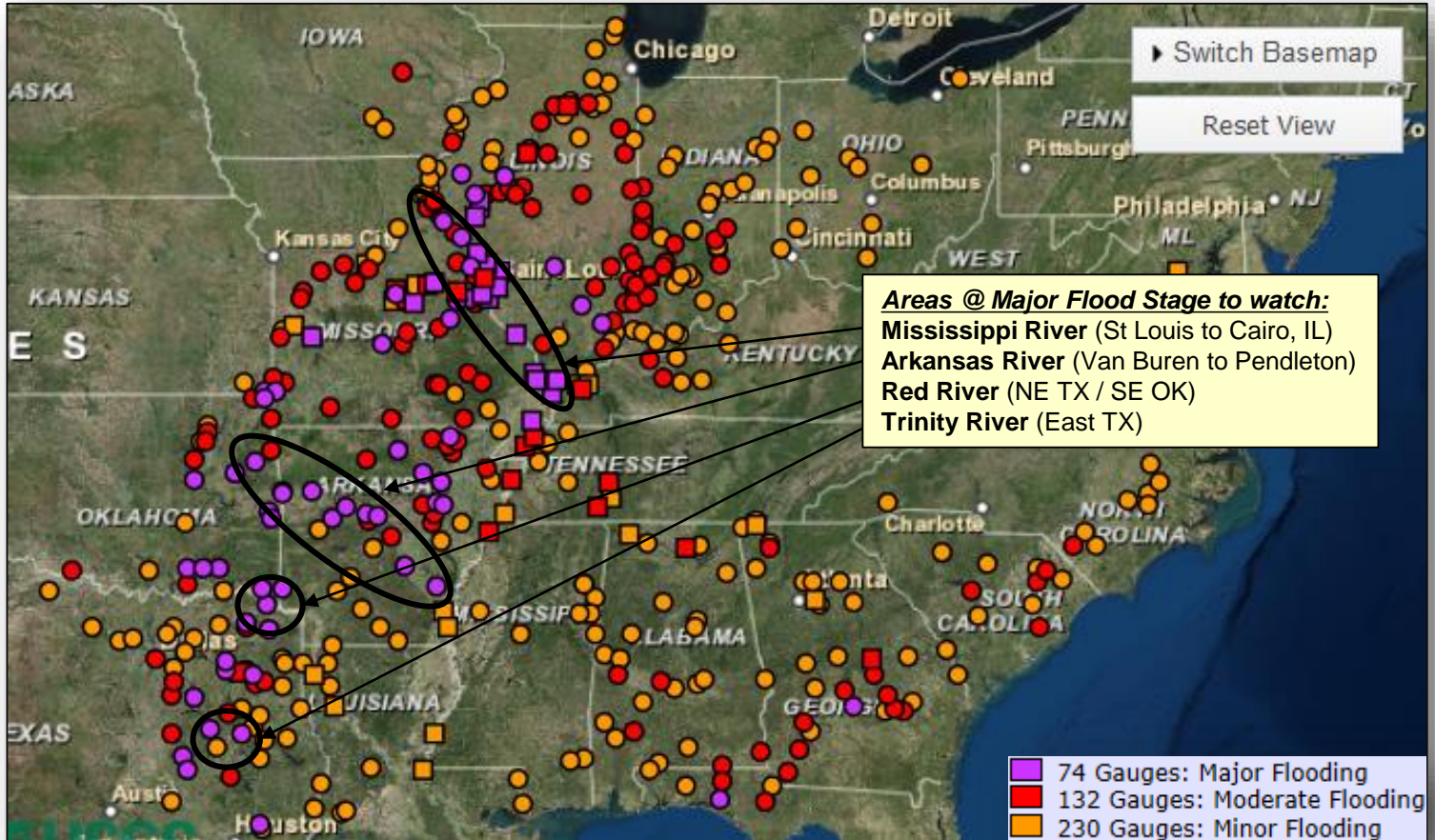
Day 2



Day 3

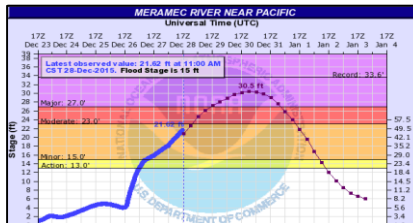


# River Flood Forecast – National

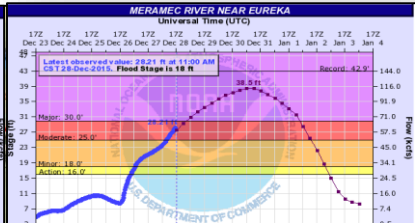




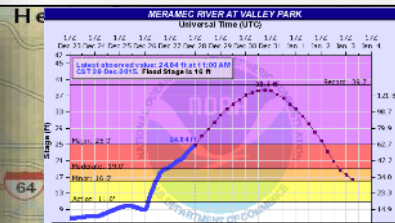
# Meramec River



**Meramec River near Pacific, MO**  
**Forecast Peak: 30.5'** Record: 33.6  
**At 30':**  
 Hwy access from the south is closed  
**120 Housing units potentially impacted**  
 along with some businesses and parks



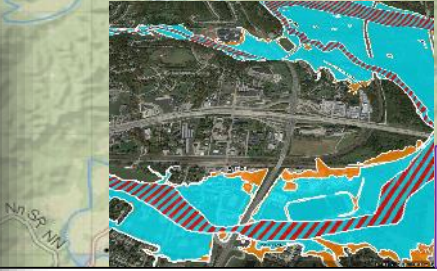
**Meramec River near Eureka, MO**  
**Forecast Peak: 38.5'** Record: 42.9  
**At 38':**  
 Residential and small businesses are flooded near the river along with highway closures along the river.



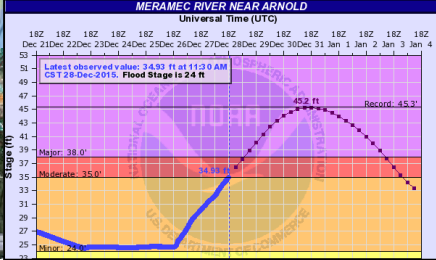
**Meramec River near Valley Park, MO**  
**Forecast Peak: 38.4'** Record: 39.7  
**At 38':**  
 Main impact to the area are road closures to include highways. Some flooding to businesses and residences may occur.



**Meramec River near Arnold, MO**  
**Forecast Peak: 45.2'** Record: 45.3  
**At 45':**  
 Residential flooding in the town Arnold occur.



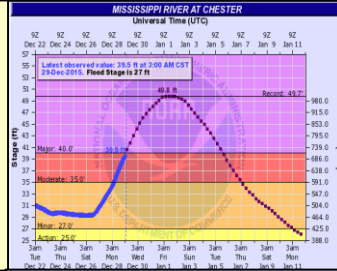
**SPECIAL FLOOD HAZARD AREAS**  
 1% Annual Chance Flood Hazard  
 Regulatory Floodway  
**OTHER AREAS OF FLOOD HAZARD**  
 0.2% Annual Chance Flood Hazard



# Mississippi River

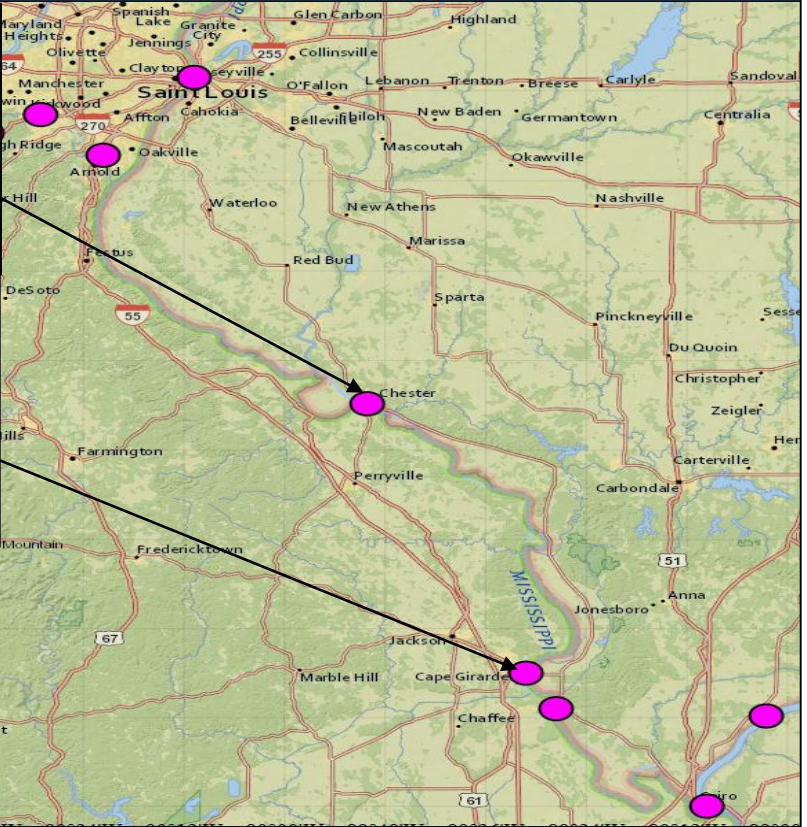
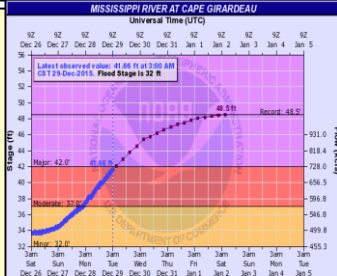
**Mississippi River:**  
**1. Chester Gauge – Peak 49.8' (Record 49.7)**

- Levees begin to overtop; railroad tracks & Baldwin Water Treatment Plant are flooded. Hwy 155 & Hwy 51 are closed. **41 Housing units potentially impacted.**



**Mississippi River:**  
**2. Cape Girardeau Gauge – Peak 48.5 (Record 48.5)**

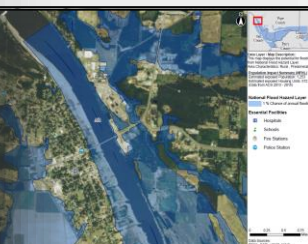
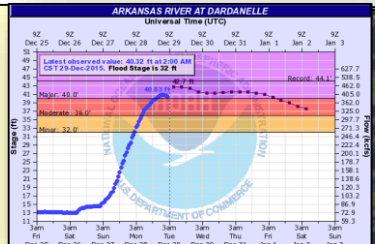
- Several homes and structures in Cape Girardeau County become inundated or cut off due to backwater flooding



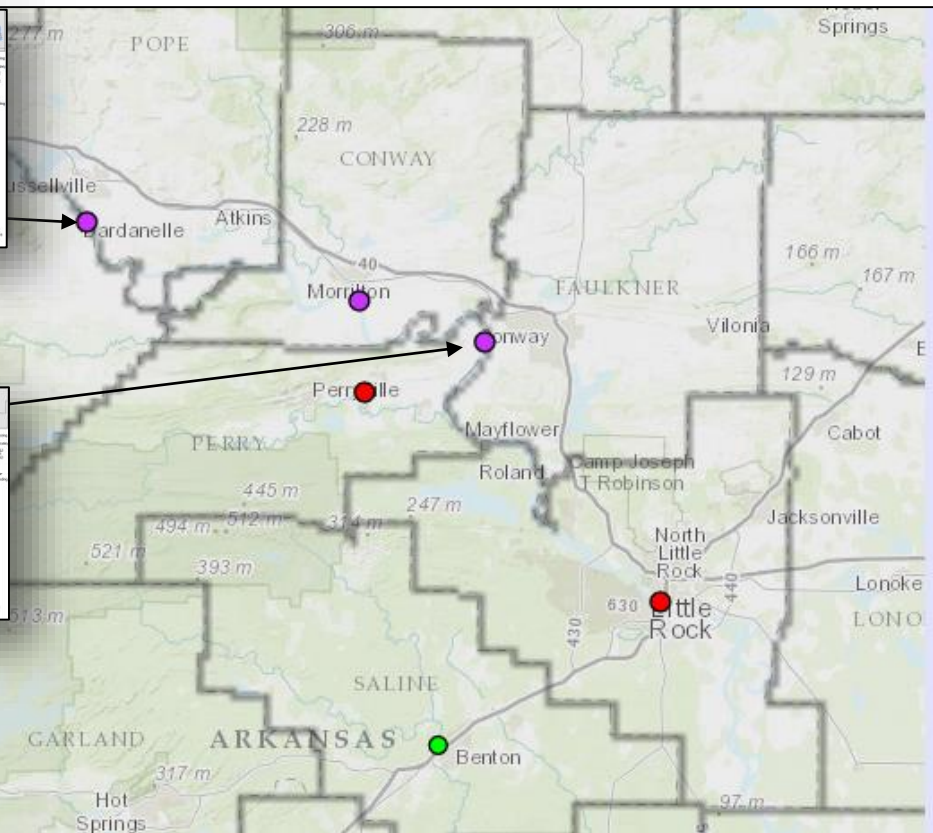
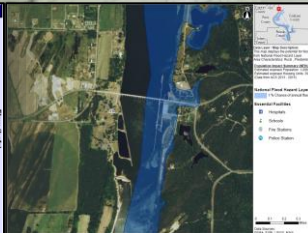
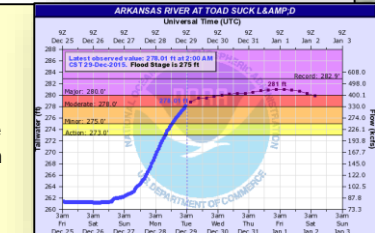


# Arkansas River

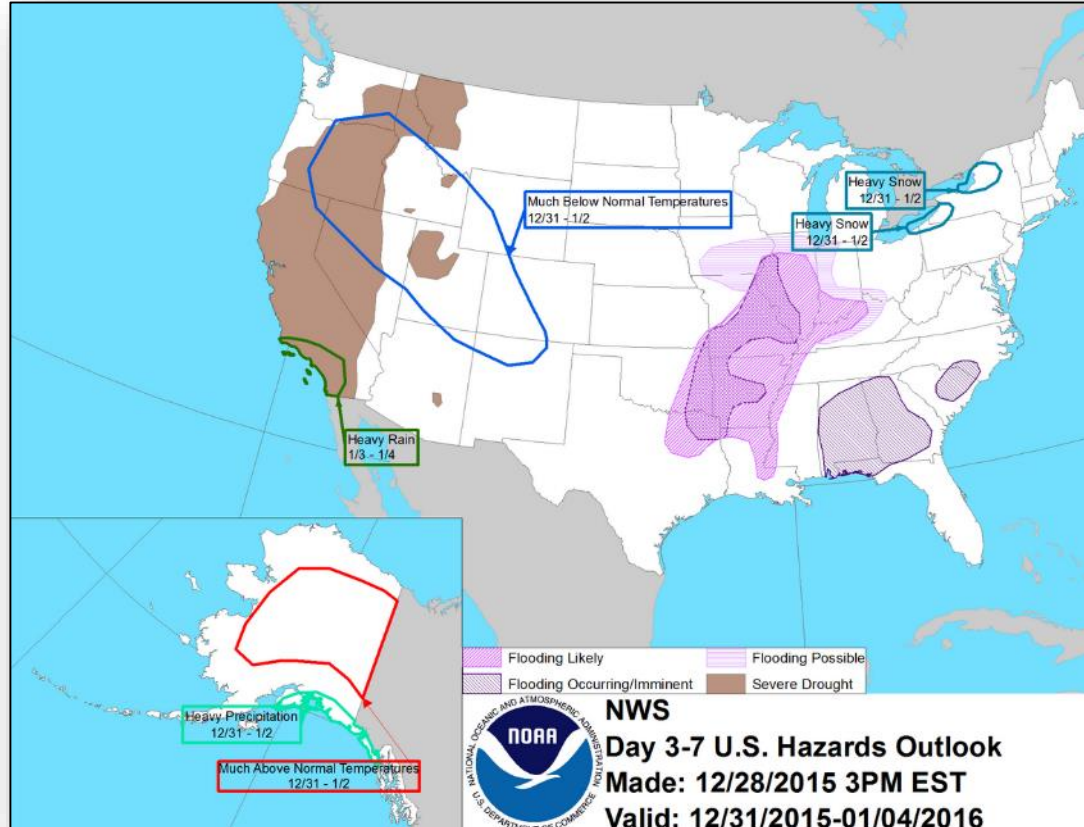
**Arkansas River:**  
**1. Dardanelle Gauge – Peak 42.7” (Record 44.1)**  
 - Serious flooding expected. Several highways and numerous county roads flooded



**Arkansas River:**  
**2. Toad Suck L&AMP Gauge – Peak 280.2 (Record 282.9)**  
 - Several State HWYs are flooded. County roads in Mayflower area are flooded



# Hazard Outlook, Dec 31-Jan 4



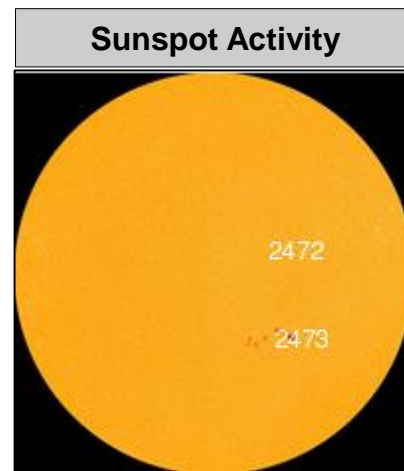
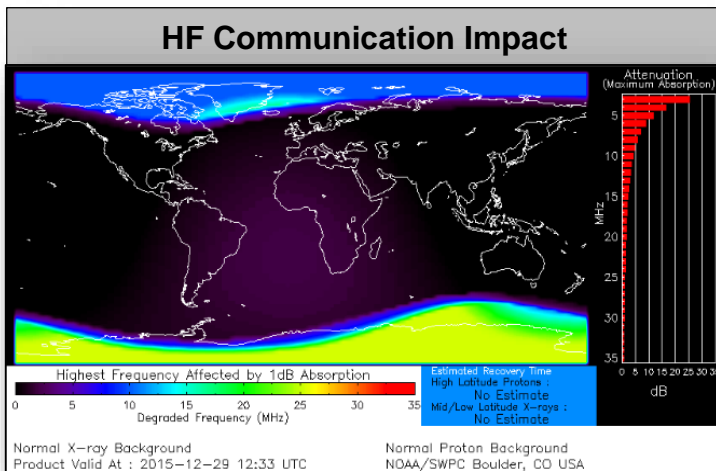


# Space Weather



FEMA

	Past 24 Hours	Current	Next 24 Hours
Space Weather Activity	Minor	None	None
Geomagnetic Storms	None	None	None
Solar Radiation Storms	None	None	None
Radio Blackouts	R1	None	None



# Disaster Requests & Declarations

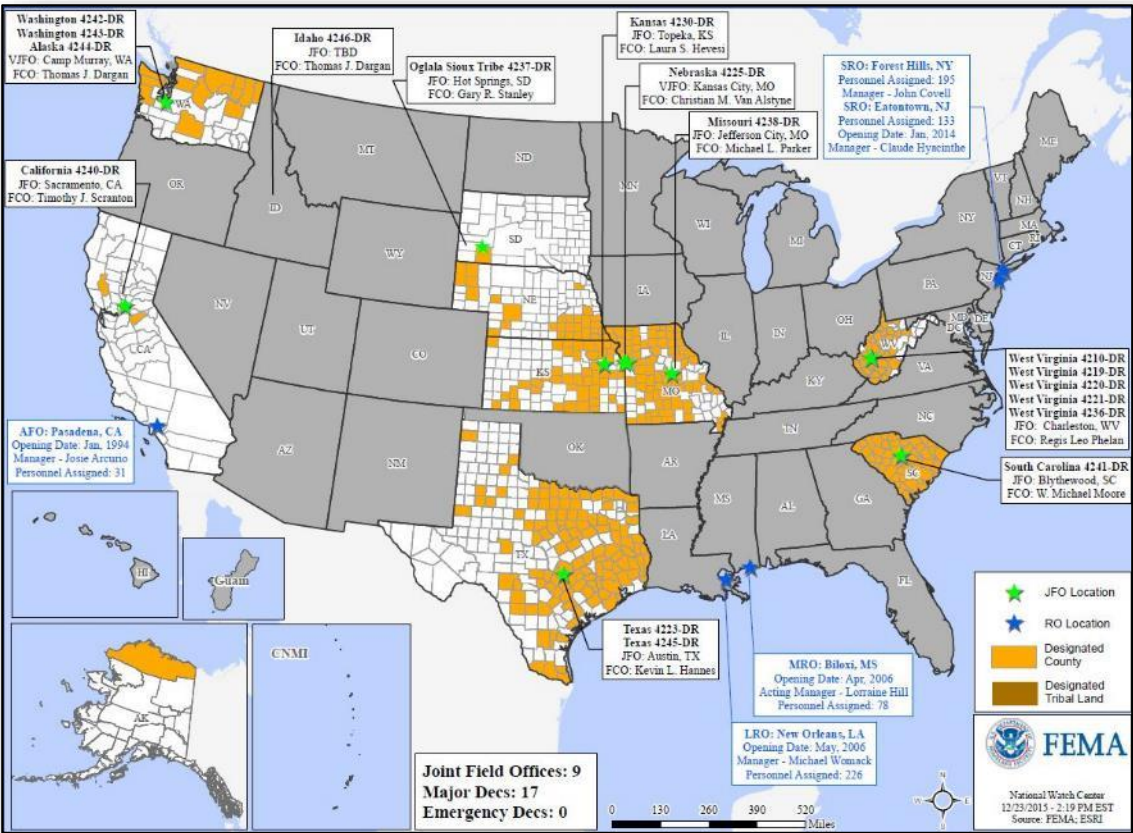


<b>Declaration Requests in Process</b>		<b>Requests APPROVED (since last report)</b>	<b>Requests DENIED (since last report)</b>
<b>1</b>	<b>Date Requested</b>	<b>0</b>	<b>0</b>
<b>OK – DR Severe Winter Storms and Flooding</b>	<b>December 17, 2015</b>		

# Open Field Offices as of December 29



FEMA



# Joint Preliminary Damage Assessments



Region	State / Location	Event	IA/PA	Number of Counties		Start – End
				Requested	Complete	
IV	MS	Severe Weather & Flooding December 23, 2015 – continuing	IA	5	0	12/28 – TBD
			PA	3	0	12/28 – TBD
VI	TX	Severe Weather & Tornadoes December 26, 2015 - continuing	IA	3	0	12/28 – TBD
X	WA	Severe Storms & Flooding November 30 – continuing	IA	1	0	TBD – TBD
			PA	1	0	TBD – TBD



# FEMA Readiness – Deployable Teams /Assets



Deployable Teams/Assets									
Resource	Status	Total	FMC Available		Partially Available	Not Available	Detailed, Deployed, Activated	Comments	Rating Criterion
FCO	Yellow	38	18	47%	0	3	17		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	Green	8	3	38%	0	0	5		
US&R	Green	28	27	96%	0	1	0	NM-TF1 (Red) - Personnel shortages	<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	Green	3	3	100	0	0	0		<ul style="list-style-type: none"> <li>Green: 3 avail</li> <li>Yellow: 1-2 avail</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	7	54%	1	1	4	<b>Deployed:</b> RVI (Team 2) Deployed to TX RVII Deployed to MO RIX (Team 2) Deployed to CA RX Deployed to WA  <b>PMC:</b> RIX (Team 1) Reconstituting from CNMI  <b>NMC:</b> RV (Team 1) Red – Personnel Shortages	<ul style="list-style-type: none"> <li>Green: 7 or more avail</li> <li>Yellow: 4 - 6 teams available</li> <li>Red: &gt; 8 teams deployed/unavailable</li> </ul> R-IMAT also red if TL Ops/Log Chief is unavailable & has no qualified replacement
MCOV	Yellow	59	39	66%	0	13	7	3 MCOVs deployed to SC (FEMA-4241-DR) 4 MCOVs deployed to TX (FEMA-4245-DR)	<ul style="list-style-type: none"> <li>Green = 80 – 100% avail</li> <li>Yellow = 60 – 79% avail</li> <li>Red = 59% or below avail</li> <li>Readiness remains 95%</li> </ul>

# FEMA Readiness – National/Regional Teams

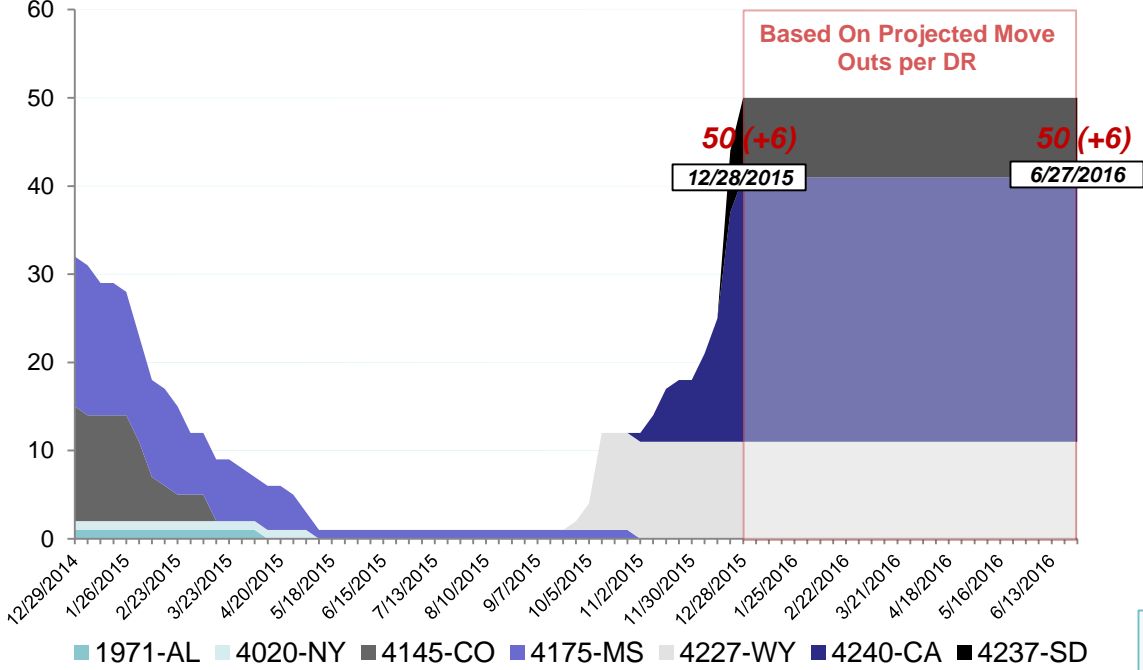


National/Regional Teams									
Resource	Status	Total	FMC Available		Partially Available	Not Available	Status	Comments	Rating Criterion
NWC		5	5	100%	0	0	Watch/Steady State		<ul style="list-style-type: none"> <li>• Green = FMC</li> <li>• Yellow = PMC</li> <li>• Red = NMC</li> </ul>
NRCC		2	344	89%	0	44	Not Activated		
HLT		1	N/A	N/A	0	0	Not Activated		
DEST							Not Activated		
RRCCs		10	10	100%	0	0	Activated	Region VI Level III (Day shift) for severe weather	
RWCs/MOCs		10	10	100%	0	0	Activated	Region VI Enhanced Watch (Night shift) <a href="#">Region VII Enhanced Watch (Day shift)</a> <a href="#">Region V Enhanced Watch (Day shift)</a>	

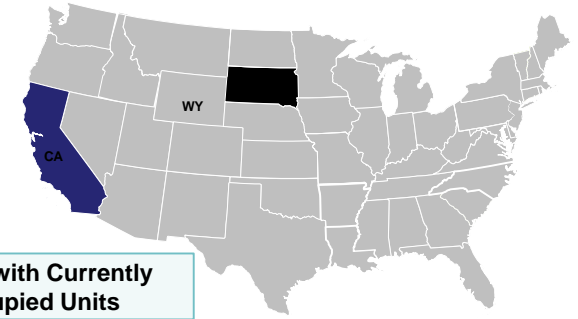
# Direct Housing



**Total Households in FEMA Direct Housing per State**  
 Past Year per Week, 12/29/2014 – 12/28/2015, Projected to 06/27/2016  
 There are currently **50** Households Occupying **50** 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	11 (0)
4237-SD	8/7/2015	2/7/2017	9 (+2)
4240-CA	9/22/2015	3/22/2017	30 (+4)

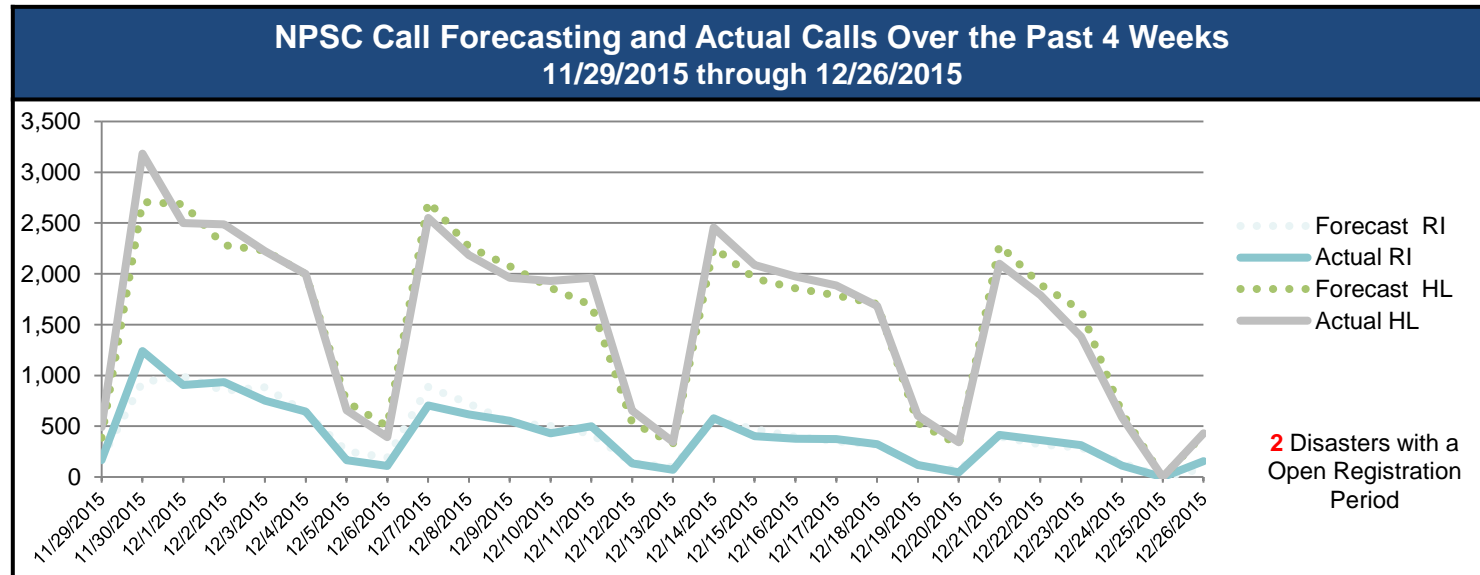


**States with Currently Occupied Units**

# NPSC Activity



NPSC Call Activity in the Past Week				
12/20/2015 through 12/26/2015				
Call Type	Projected Calls	Actual Calls	Average Answer Time	Maximum Delay Time
Registration Intake	1,333	1,409	:14	10:48
Helpline	7,299	6,632	:12	4:29
<b>All Calls</b>	<b>8,632</b>	<b>8,041</b>	<b>:12</b>	<b>10:48</b>





# Individual Assistance Activity

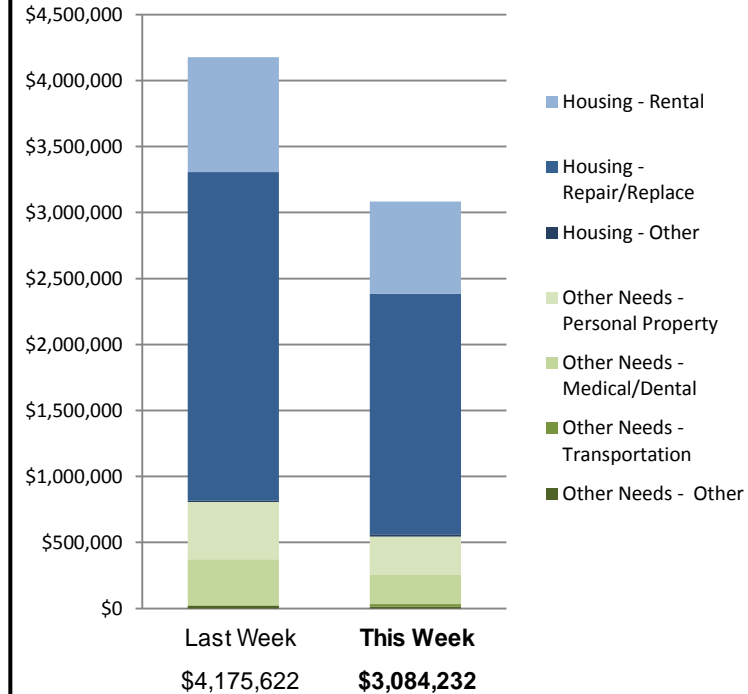


## Individuals and Households Program Activity

as of 12/28/2015 at 0000 EST

	In Past 7 Days		Cumulative		
	Applicants Approved	Amount Approved	Applicants Approved	Amount Approved	
Open Registration Period	4241-SC Declared 10-05-2015 End Of Reg Period 01-04-2016				
	Housing Assistance	686	\$1,541,286.38	22,866	\$67,557,812.70
	Other Needs Assistance	124	\$259,012.87	6,952	\$10,477,064.67
	<b>Total IHP</b>	<b>\$1,800,299.25</b>		<b>\$78,034,877.37</b>	
	4245-TX Declared 11-25-2015 End Of Reg Period 01-25-2016				
	Housing Assistance	261	\$821,802.17	1,976	\$11,535,082.32
	Other Needs Assistance	109	\$256,124.52	981	\$2,397,302.92
	<b>Total IHP</b>	<b>\$1,077,926.69</b>		<b>\$13,932,385.24</b>	
	Other IHP Active	7 Declarations IHP Programmatically Open - Closed Registration *			
		Housing Assistance	41	\$176,952.70	
Other Needs Assistance		20	\$29,053.17		
<b>Total IHP</b>		<b>\$206,005.87</b>			
<b>Total IHP Approved in Past Week</b>		<b>\$3,084,231.81</b>			

## IHP Approved per Category In the Past 2 Weeks – 12/14/2015 through 12/27/2015





# 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.**