



FEMA

Daily Operations Briefing

Tuesday, November 21, 2017

8:30 a.m. EST

Significant Activity – Nov 20-21



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Significant Events: None

Tropical Activity:

- Atlantic – No tropical cyclones expected next 48 hours
- Eastern Pacific – No tropical cyclones expected next 48 hours
- Central Pacific – No tropical cyclones expected next 48 hours
- Western Pacific – No activity affecting U.S. interests

Significant Weather:

- Heavy snow/freezing rain possible – Pacific Northwest, Northern Intermountain
- Flash flooding possible – WA
- Elevated/critical fire weather – Southern Plains
- Space Weather:
 - Past 24 hours – G1; Minor
 - Next 24 hours – G1; Minor

Earthquake Activity: No significant activity

Declaration Activity: None

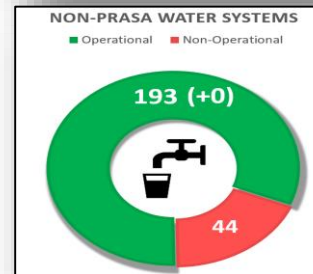
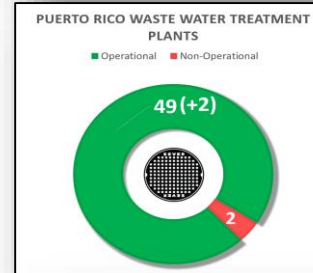
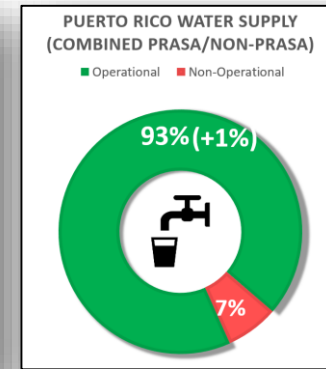
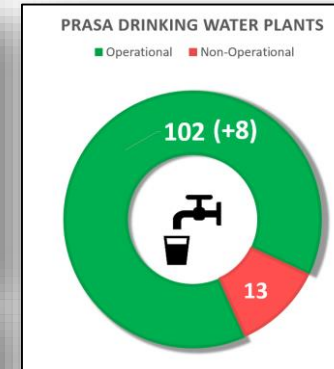
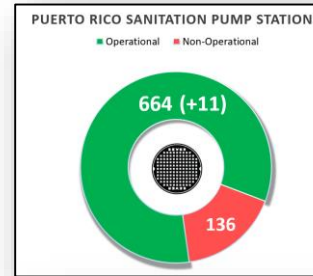
PR – 4336-DR (Irma) / 4339-DR (Maria)



High Risk Areas

Guajataca Dam:

- The Flash Flood Warning for Guajataca Dam was lifted on Tuesday, November 14 and was replaced with a Flash Flood Watch in effect until further notice
- Extensive collaboration between federal and local agencies has helped to bring the water levels down to a moderate risk level
- Coordination between PREMA, USACE, PREPA and the National Weather Service in San Juan determined once the weather becomes more stable, a Flash Flood Watch is the necessary precaution to ensure situational awareness to the local populace in case of dam failure



PR – 4336-DR (Irma) / 4339-DR (Maria)




FCO Priorities Update: 11/21/2017

GENERATORS / TEMPORARY POWER 645 (+13) Total Installs				
Region	Population	Installs	Installs in Progress	Remaining Assessments
Arecibo	96,440	87	8 (+2)	1 (-16)
Caguas	142,893	88	2 (-1)	0
Fajardo	36,993	68	4 (+1)	0 (-2)
Humacao	58,466	53	4	2 (-4)
Mayagüez	89,080	59	4 (+3)	0
Ponce	166,327	75	5 (+2)	2 (+1)
San Juan Metro	381,931	151	8 (-5)	5 (-6)

(Individual Regions Updated from USACE ESF-3 MMR 11/19/2017, 1800)

BLUE ROOF 11,455 (+259) Total Installs		
Region	Installs	Total Assessments
Arecibo	1,395 (+72)	7,848 (+486)
Caguas	796 (+46)	5,749 (+308)
Fajardo	1,381 (+102)	3,433 (+64)
Humacao	411 (+21)	4,121 (+85)
Mayagüez	217 (+65)	7,714 (+294)
Ponce	437	6,260 (+419)
San Juan Metro	4,933 (+85)	11,719 (+421)



Blue Roof Installation Status by Municipality

- Municipalities > 99%+ Installs Complete
- Municipalities 51-98% Installs Complete
- Municipalities 1-50% Installs Complete
- Municipalities 0% Installs Complete

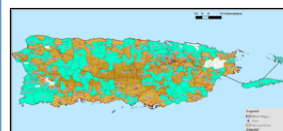
(Individual Regions updated from USACE MRS 11/15/2017, 1900)

DEBRIS REMOVAL Collected 410,303 CY of Debris (+16,304)

- To date have received 53 RRF's and 42 ROE's
 - Debris removal operations are ongoing in 30 municipalities as of 11/20/2017.
 - 25 municipalities have indicated they will be performing their own debris removal and do not require assistance from USACE. (ESF 3 Dashboard 11/20/2017, 1230)
- (Debris removal number is C&D only, vegetation removal not included) (Debris Action Plan 11/20/2017, 1730)

(Updates In Blue)

WATER AND WASTE WATER 1,171,116 (90.6%) Customers

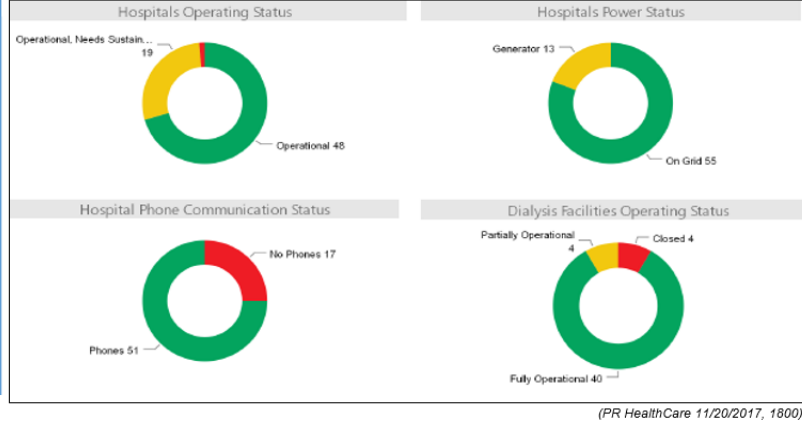


- Drinking Water Filtration plants: 92 out of 114 (80.7%) are operative
- Wastewater Treatment Plants: 47 out of 51 (92%) are operative
- Non-PRASA Community Water Systems: 193 (+0) out of 237 are operating (representing population: 70,030). (PA SITREP 11/20/2017, 1000)

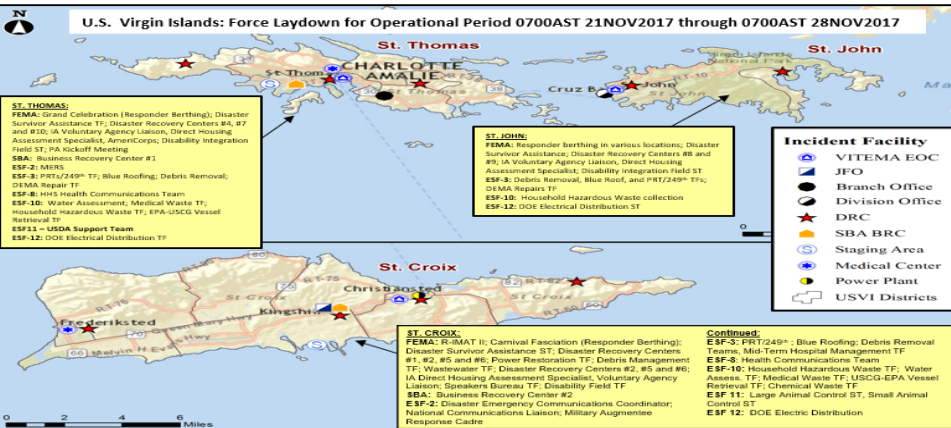
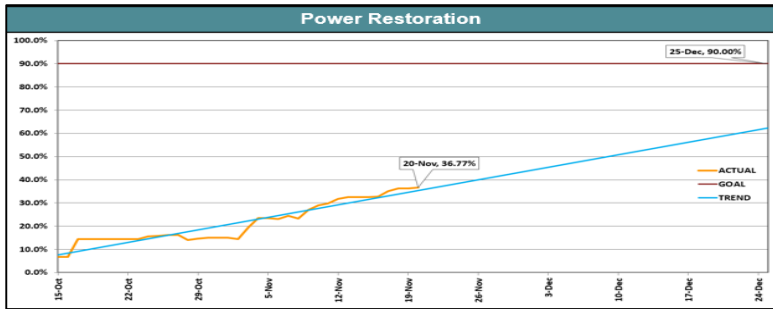
FOOD & WATER 34,661,891 Meals / 43,870,116 Liters of Water on Island

Anticipated commodities deliveries in the next 24 hours include 23 Truckloads of bottled water (345,600 Liters) and 12 Truckloads of food (243,072 meals). (FEMA Logistics as of 11/20/2017, 1900)

HEALTHCARE

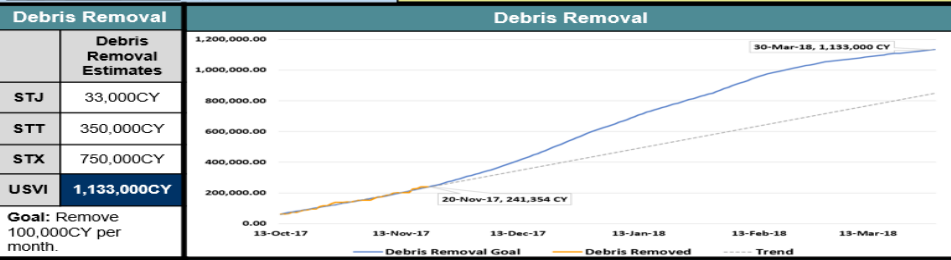
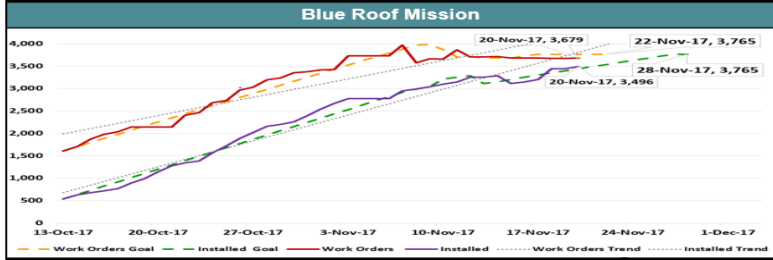


USVI – 4335-DR (Irma) / 4340-DR (Maria)



Power Restoration

	STJ	STT	STX	USVI	Goal
%	40.00%	47.16%	23.94%	36.77%	Restore 90% of power by 12/25/2017.
Last 24	+0.48%	+0.16%	+1.04%	+0.56%	



Blue Roof Mission								Debris Removal – Last 24 Hours			Temporary Power – Generators							
	Total Installed	Last 24	ROEs Collected	Last 24	ROEs Ineligible	WO Issued	Last 24		Last 24	Total Removed		Total Installed	Last 24	In Progress	On Hand	Total De-Installed	Assess. Requested	Assess. Completed
STJ	169	0	293	0	51	188	0	STJ	+371 CY	10,375 CY	STJ	19	0	0	0	8	28	25
STT	1,496	+4	2,769	+3	371	1,609	+2	STT	+422 CY	21,663 CY	STT	65	0	0	21	23	144	128
STX	1,831	+9	3,163	+2	414	1,882	0	STX	0 CY	209,316 CY	STX	73	0	0	31	18	135	124
USVI	3,496	+13	6,225	+5	836	3,679	+2	USVI	+793 CY	241,354 CY	USVI	157	0	0	52	49	307	277
Goal	Install 3,765 roofs across USVI (STJ: 215; STX: 1,650; STT: 1,900)							Notes	Remove 1.1MIL CY by 30MAR2018			Notes	N/A					

Tropical Outlook –5-Day



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Central Pacific



Eastern Pacific

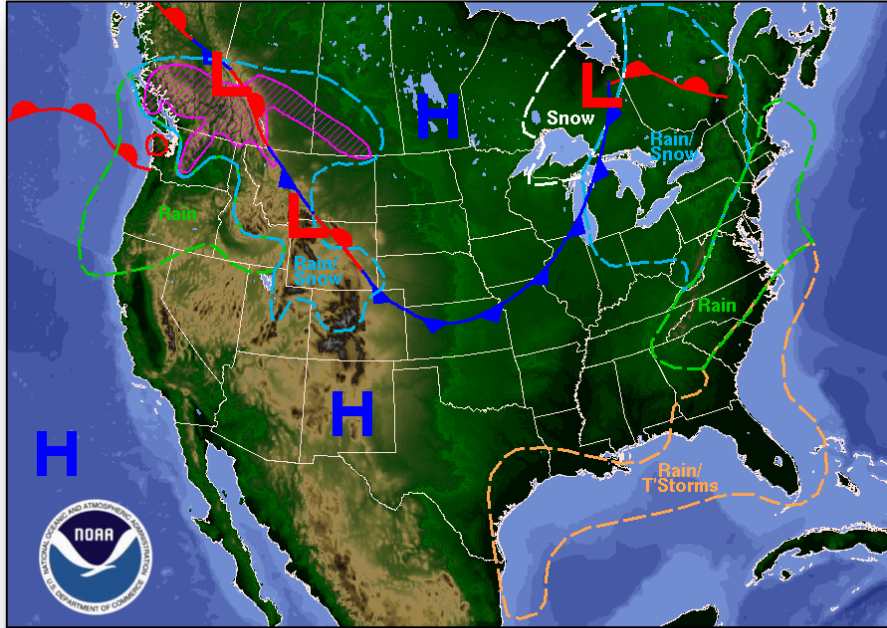


Atlantic

National Weather Forecast



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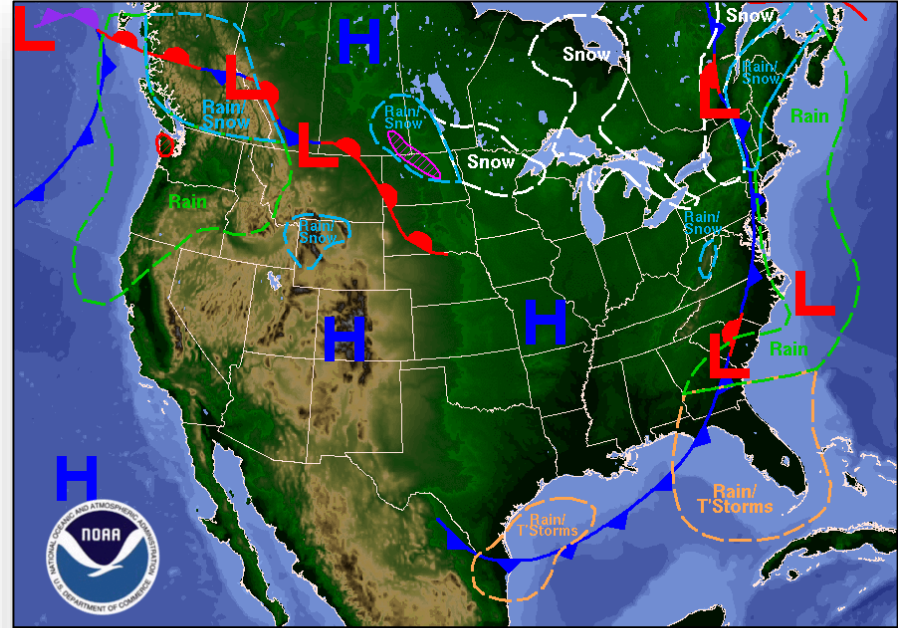


Day 1 National Forecast Chart
Valid Tue, Nov 21, 2017, issued 4:37 AM EST
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by McCreynolds with WPC/SPC/NHC forecasts

Rain
Rain and T'Storms
Rain and Snow
Snow

Flash Flooding Possible (hatched)
Severe T'Storms Possible (hatched)
Freezing Rain Possible (hatched)
Heavy Snow Possible (hatched)

Today



Day 2 National Forecast Chart
Valid Wed, Nov 22, 2017, issued 4:40 AM EST Tue, Nov 21, 2017
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by McCreynolds with WPC/SPC/NHC forecasts

Rain
Rain and T'Storms
Rain and Snow
Snow

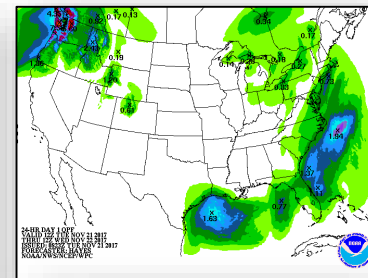
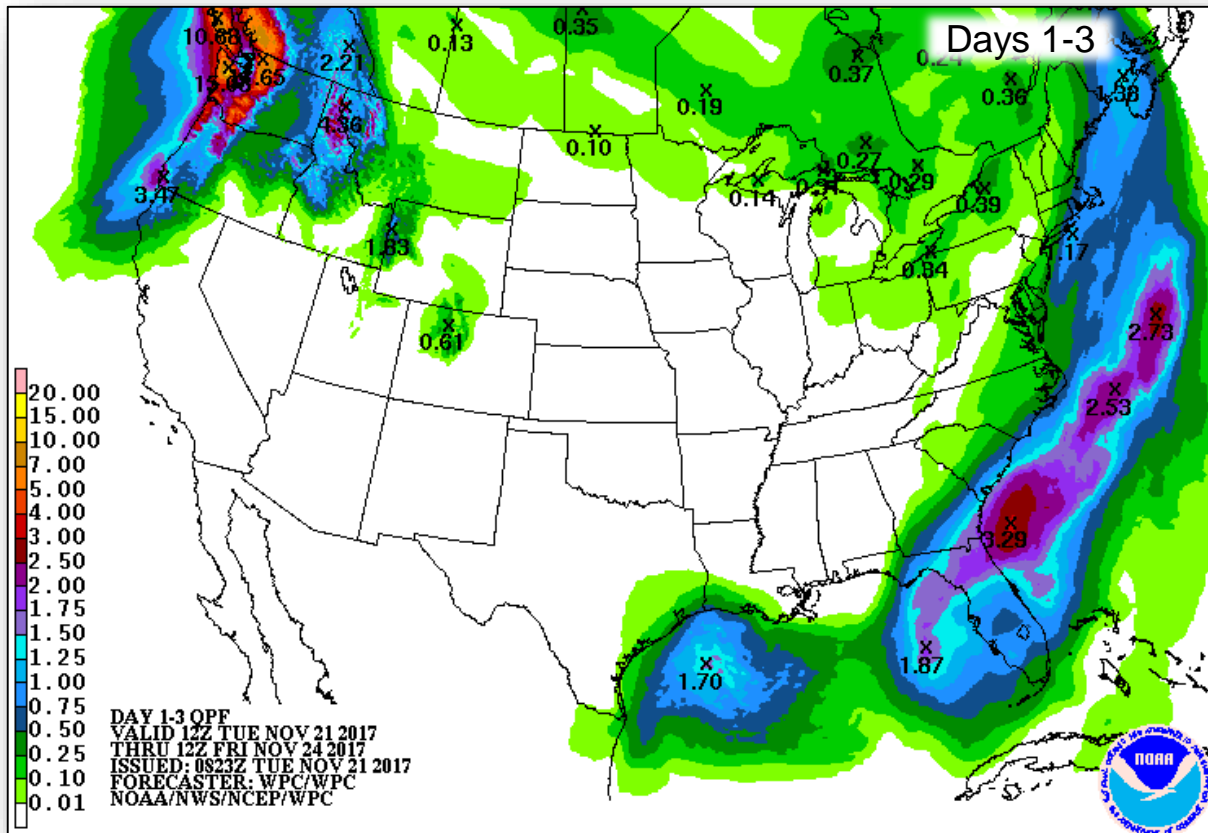
Flash Flooding Possible (hatched)
Severe T'Storms Possible (hatched)
Freezing Rain Possible (hatched)
Heavy Snow Possible (hatched)

Tomorrow

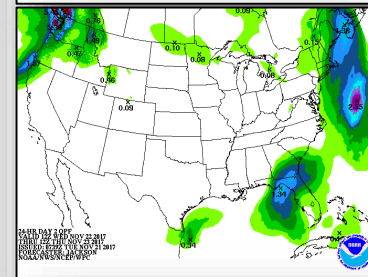
Precipitation Forecast



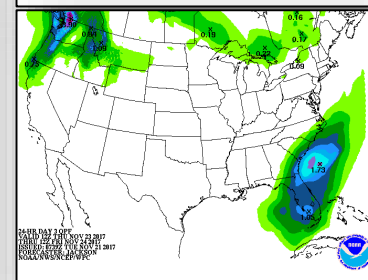
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Day 1



Day 2

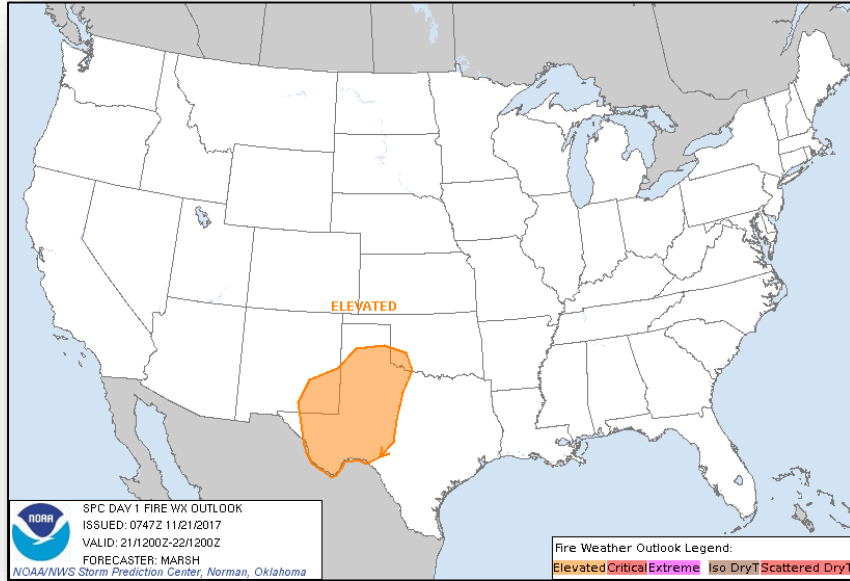


Day 3

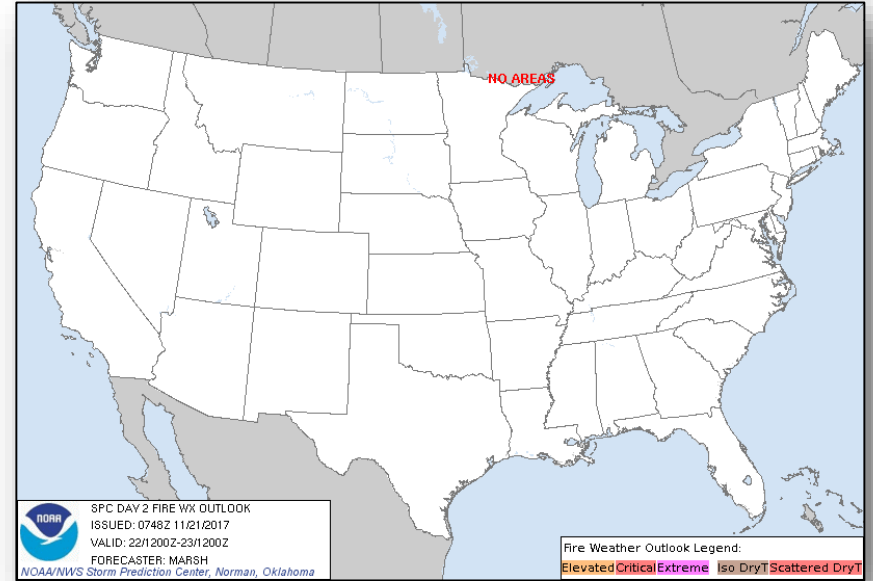
Fire Weather Outlook



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Today

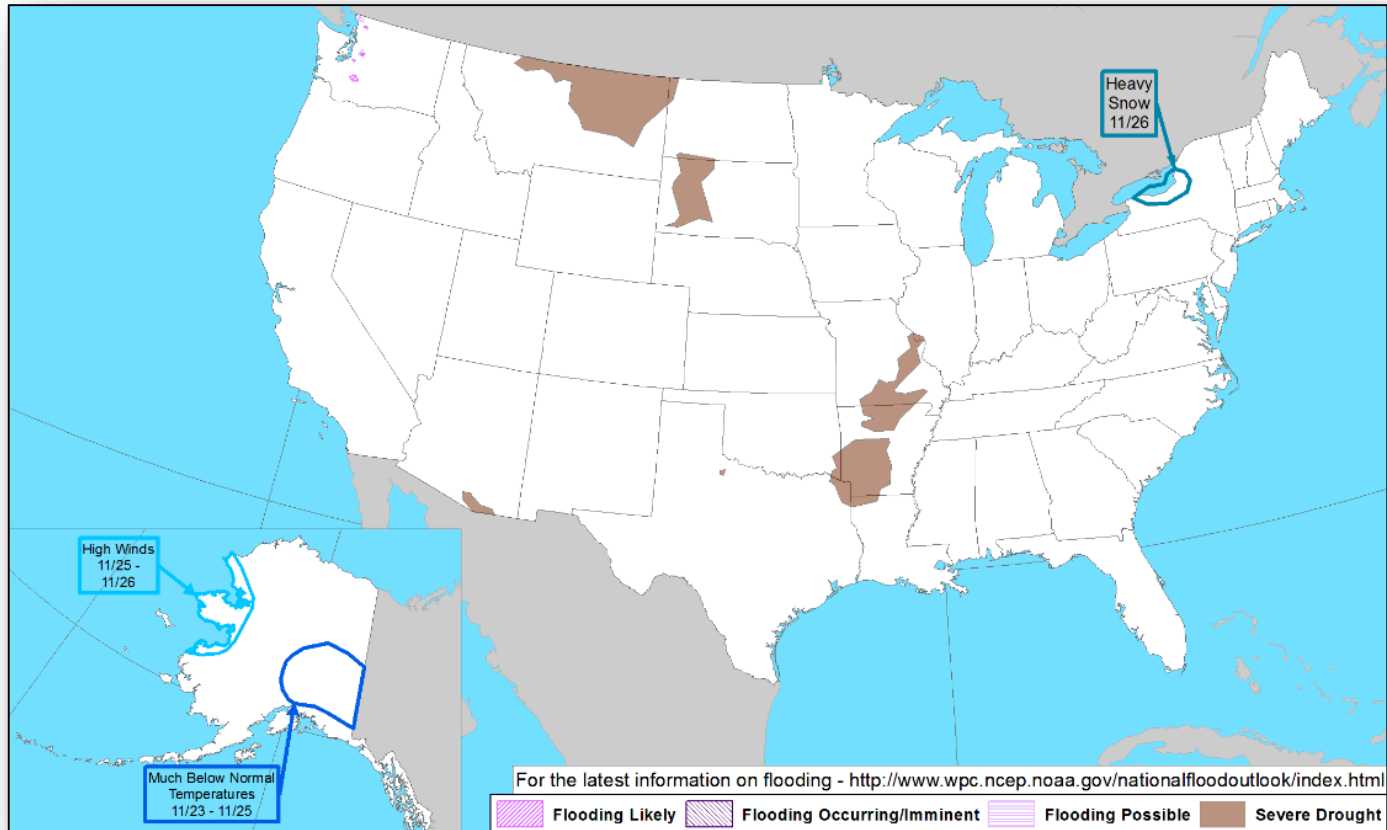


Tomorrow

Hazards Outlook – November 23-27



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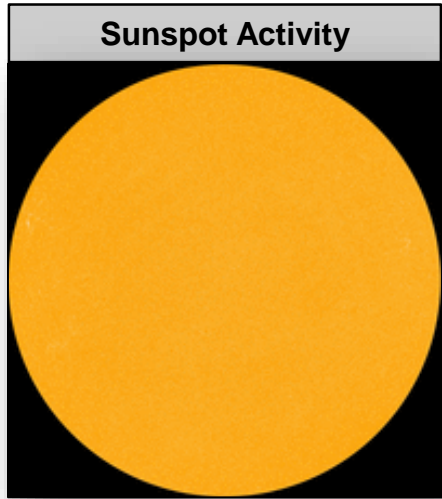
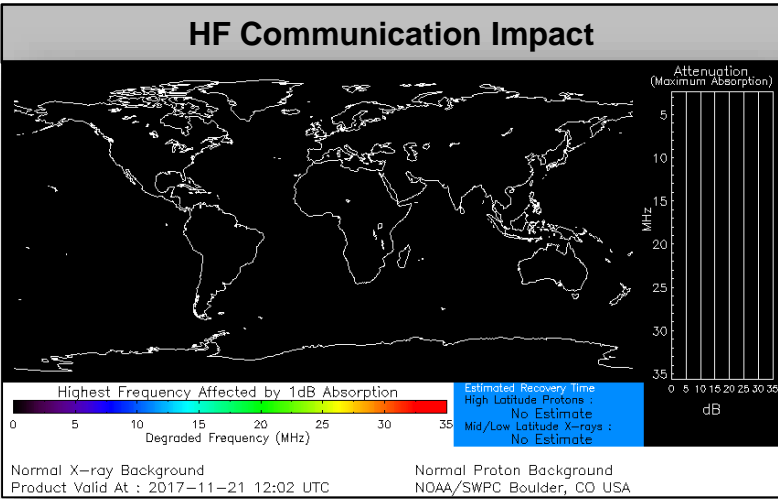
Space Weather



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	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>



Joint Preliminary Damage Assessments



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Region	State / Location	Event	IA/PA	Number of Counties		Start – End
				Requested	Completed	
I	VT	Severe Storms October 29-30, 2017	IA	0	0	N/A
			PA	10	0	11/8 – TBD
	NH	Severe Storms October 29-30, 2017	IA	0	0	N/A
			PA	10	0	11/6 – TBD
	ME	Severe Storms October 29-30, 2017	IA	0	0	N/A
			PA	14	0	11/15 – TBD

Disaster Requests & Declarations



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Declaration Requests in Process					Requests APPROVED (since last report)	Requests DENIED (since last report)
2	IA	PA	HM	Date Requested	0	0
NY – DR Severe Storms, Tornadoes, and Flooding	X	X	X	August 31, 2017		
MS – DR Hurricane Nate		X	X	October 27, 2017		

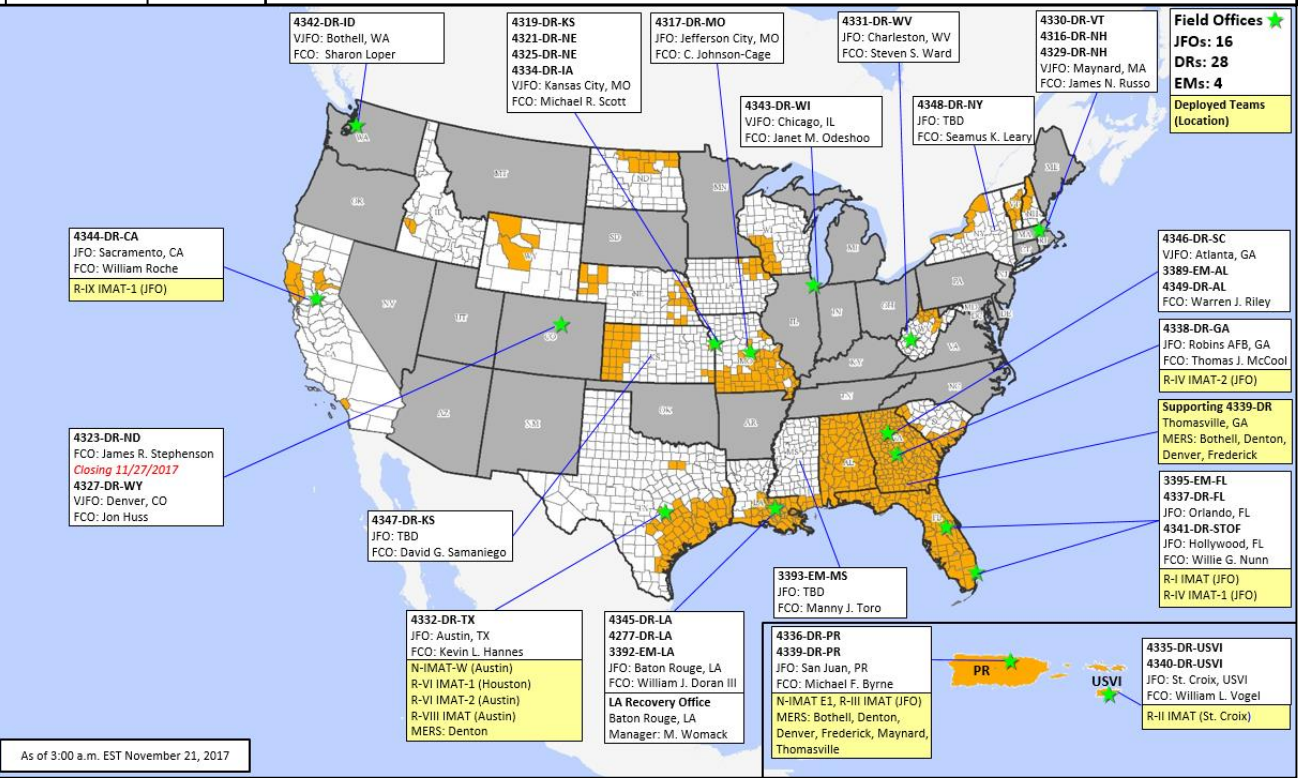
Readiness – Deployable Teams and Assets



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Resource	Force Strength	Available	Deployed	Other	Cadres with Less than 25%: DI 11% (14/123), EHP 13% (43/323), ER 22% (14/63), FM 24% (69/288), HM 25% (244/974), HR 24% (62/254), IT 17% (103/624), LOG 14% (171/1,192), PA-NEW 22% (326/1,484), SAF 17% (10/60), SEC 4% (4/97)
Total Workforce	11,421 ▼	3,117 ▲ 27%	6,479 ▼	1,825	

National IMATs* (0 Teams)	East 1:	Deployed
	East 2:	Reconstituting
	West:	Deployed
Regional IMATs (0-3 Teams)	Assigned:	13
	Available:	2
	PMC / NMC:	2
	Deployed:	9
US&R (>66%)	Assigned:	28
	Available:	28
	PMC / NMC:	0
	Deployed:	0
MERS (>66%)	Assigned:	36
	Available:	31
	NMC:	0
	Deployed:	5
FCO (≤1 Type I)	Assigned:	38
	Available:	5 (+1)
	PMC / NMC:	5 (-1)
	Deployed:	28
FDRC (=2)	Assigned:	14
	Available:	2
	PMC / NMC:	0
	Deployed:	12



As of 3:00 a.m. EST November 21, 2017

*B-2 Status: Assemble ≤ 2 hours, On Site ≤ 18 hours; B-48 Status: Assemble and deploy ≤ 48 hours; Charlie Status: No team assemble time requirement

FEMA Readiness – Activation Teams



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Resource	Status	Total	Status	Activated Team	Activation Level	Activation Times	Reason/Comments
NWC		5	Steady State				
NRCC		2	Not Activated				
HLT		1	Activated				Hurricane Season
RWCs/MOCs		10	Steady State				
RRCCs		10	Not Activated				

Back-up Regions: V and VII

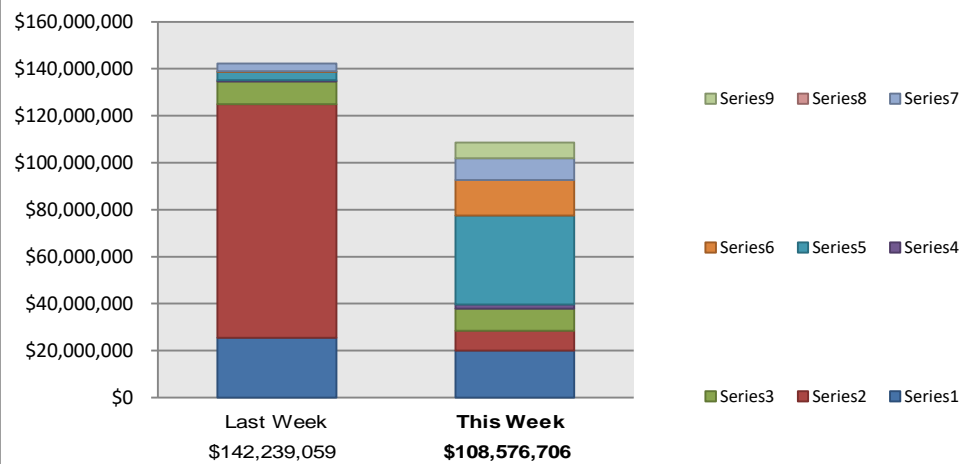
Public Assistance Grant Program



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PA Project Worksheets Obligated in past week, as of 11/20/17 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	46	66	114	9	43	37	31	0	6	352
Federal Share Obligated	\$20,048,357.27	\$8,397,352.10	\$9,393,378.86	\$1,752,914.98	\$37,942,693.32	\$15,111,563.33	\$9,294,615.49	\$0.00	\$6,635,831.12	\$108,576,706.47

Public Assistance Obligated per Category In the Past 2 Weeks – 10/6/2017 through 11/20/2017



This weeks PA Highlights

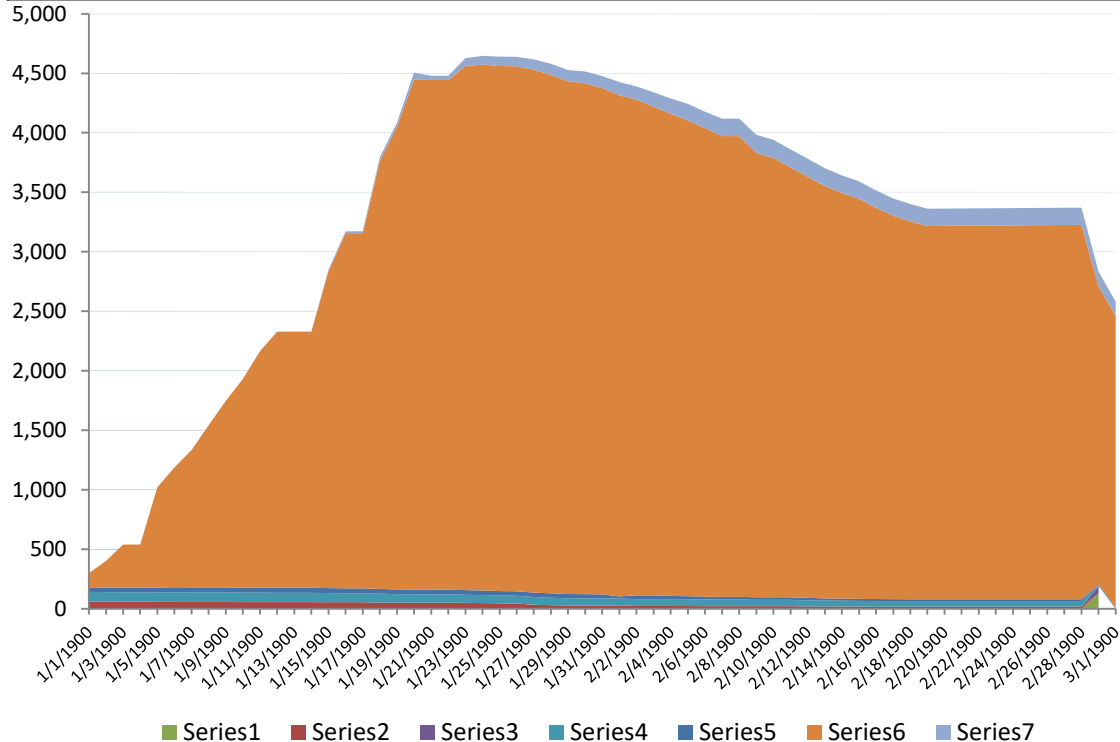
- **\$5 Million** was obligated to Protective Measures for the Texas Department of Public Safety.
- **Over \$13.6 Million** was obligated to Debris Removal for the state of Florida.
- **Over \$11.2 Million** was obligated to Public Utilities for the state of Tennessee.

Direct Housing

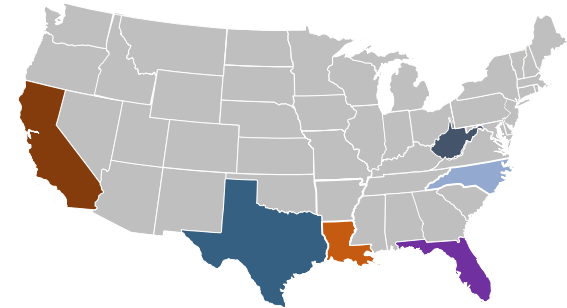
Total Households in FEMA Direct Housing per State

Past Year per Week, 11/19/2016 – 11/20/2017

There are currently **2,859** Households Occupying **2,859** Temporary Units



DR	IA Declaration Date	Program End Date	Current # of Households in Direct Housing (Weekly Change)
4240-CA	9/22/2015	3/22/2017	2 (0)
4266 -TX	3/19/2016	9/19/2017	5 (0)
4273-WV	6/25/2016	12/26/2017	8 (-1)
4277-LA	8/14/2016	2/14/2018	2448 (-57)
4285-NC	10/10/2016	4/10/2018	120 (-3)
4332-TX	8/25/2017	2/25/2018	204 (+77)
4337-FL	9/10/2017	3/10/2018	72 (+10)



States with Currently Occupied Units

NPSC Call Activity

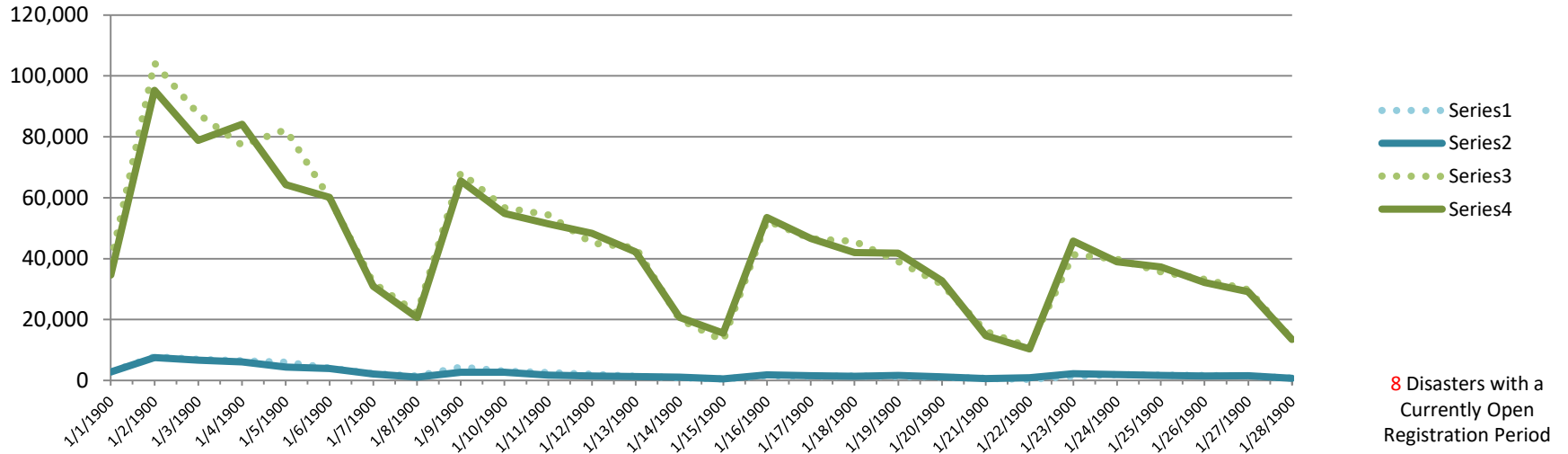
NPSC Call Activity in the Past Week

11/12/2017 through 11/19/2017

Call Type	Projected Calls	Actual Calls
Registration Intake:	9,353	10,495
Helpline:	204,199	207,037
Combined:	213,552	217,532

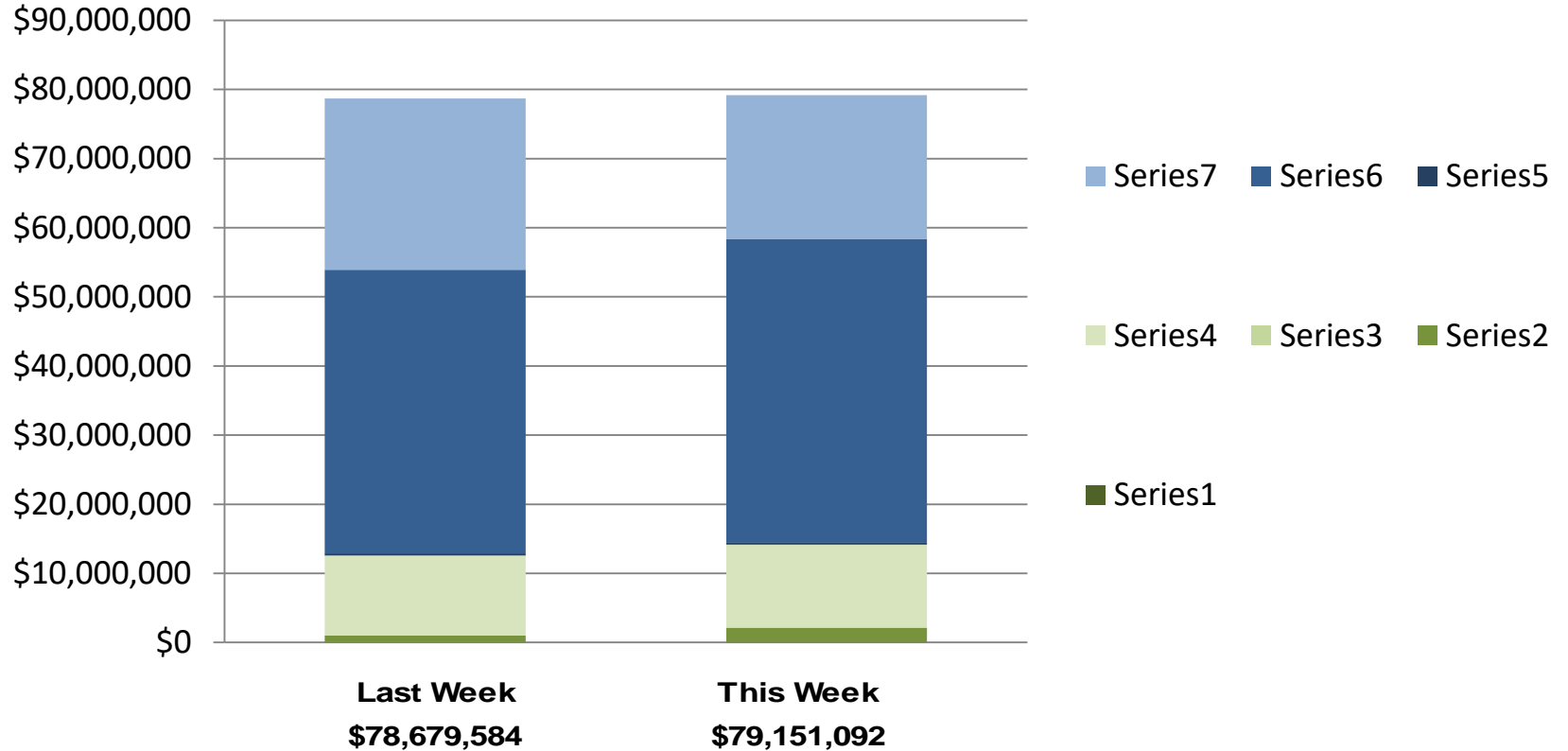
NPSC Call Forecasting and Actual Calls Over the Past 4 Weeks

10/22/2017 through 11/18/2017



Individual Assistance Activity

IHP Approved per Category in the Past
2 Weeks – 11/6/2017 through 11/20/2017





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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.