

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.

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When disaster mitigation is cost effective, we are on the road to bringing disasters to an end.



FEMA

Daily Operations Briefing

Tuesday, September 12, 2017

8:30 a.m. EDT

Significant Activity – Sep 11-12



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Significant Events: Response for Tropical Cyclone Irma

Tropical Activity:

- Atlantic – Tropical Depression Irma; Tropical Cyclone Jose; Disturbance 1 – Low (10%)
- Eastern Pacific – Tropical Depression FIFTEEN-E; Disturbance 1 – High (70%); Disturbance 2 – Medium (60%)
- Central Pacific – No tropical cyclones expected next 5 days
- Western Pacific – No systems threatening U.S. territories

Significant Weather:

- Red Flag Warnings – MT
- Space weather:
 - Past 24 hours: Moderate; solar radiation storms S2 level; no radio blackouts have occurred
 - Next 24 hours: Moderate; solar radiation storms S2 level

Earthquake Activity: No significant activity

Declaration Activity:

- Emergency Declaration approved – Alabama and Poarch Creek Tribe
- Amendment No. 1 to FEMA-4337-DR-FL
- Amendment No. 2 to FEMA-4337-DR-FL
- Amendment No. 2 to FEMA-3387-EM-GA
- Amendment No. 1 to FEMA-4329-DR-NH

Tropical Outlook – Eastern Pacific



Disturbance 1 (as of 2:00 a.m. EDT)

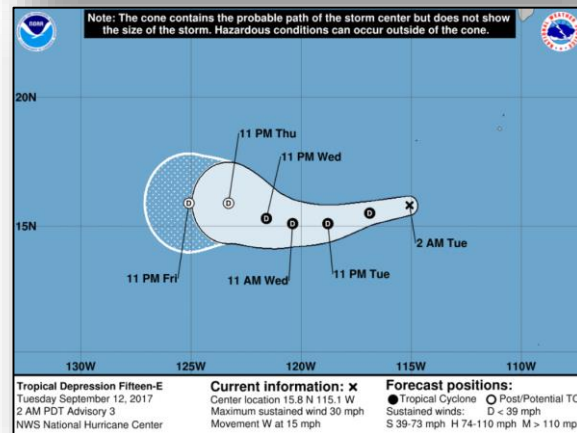
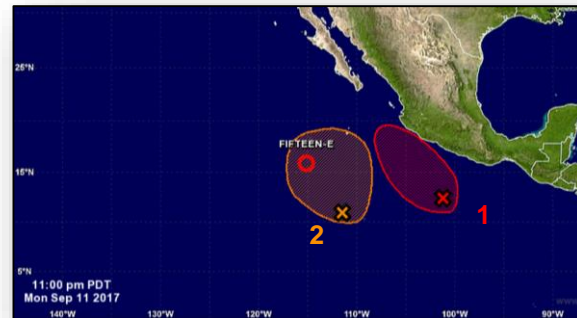
- Expected to form a few hundred miles S of southern Mexico
- Conditions are expected to be conducive for development
- Formation chance through 48 hours: Medium (50%)
- Formation chance through 5 days: High (70%)

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

- Located several hundred miles SSW of Baja California Peninsula
- Conditions expected to be conducive for gradual development
- Formation chance through 48 hours: Low (10%)
- Formation chance through 5 days: Medium (60%)

Tropical Depression Fifteen-E (Advisory #3 as of 5:00 a.m. EDT)

- Located 745 miles WSW of Manzanillo, Mexico
- Moving W at 15 mph
- Maximum sustained winds 30 mph
- Little change in strength is forecast during the next 48 hours
- No coastal watches and warnings in effect



Tropical Outlook – Atlantic



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Disturbance 1 (as of 2:00 a.m. EDT)

- Located several hundred miles W of the Cabo Verde Islands
- Moving WNW over eastern Atlantic Ocean
- Formation chance through 48 hours: Low (10%)
- Formation chance through 5 days: Low (10%)



Tropical Outlook – Atlantic



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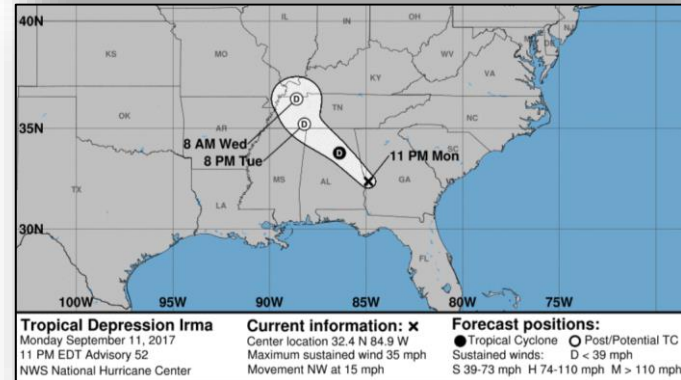
Tropical Cyclone Jose (CAT 1 Hurricane) (Advisory #28 as of 5:00 a.m. EDT)

- Located 435 miles NNE of Grand Turk Island
- Moving E at 6 mph
- Maximum sustained winds 75 mph
- Could weaken to a tropical storm later today
- Hurricane force winds extend 25 miles; tropical storm force winds extend 140 miles
- No coastal watches and warnings in effect



Post-Tropical Cyclone Irma (FINAL) (Advisory #52 as of 5:00 a.m. EDT)

- Located 5 miles E of Columbus, GA
- Moving NNW at 10 mph; Maximum sustained winds 25 mph
- Likely to dissipate by this evening
- NHC has issued its final advisory



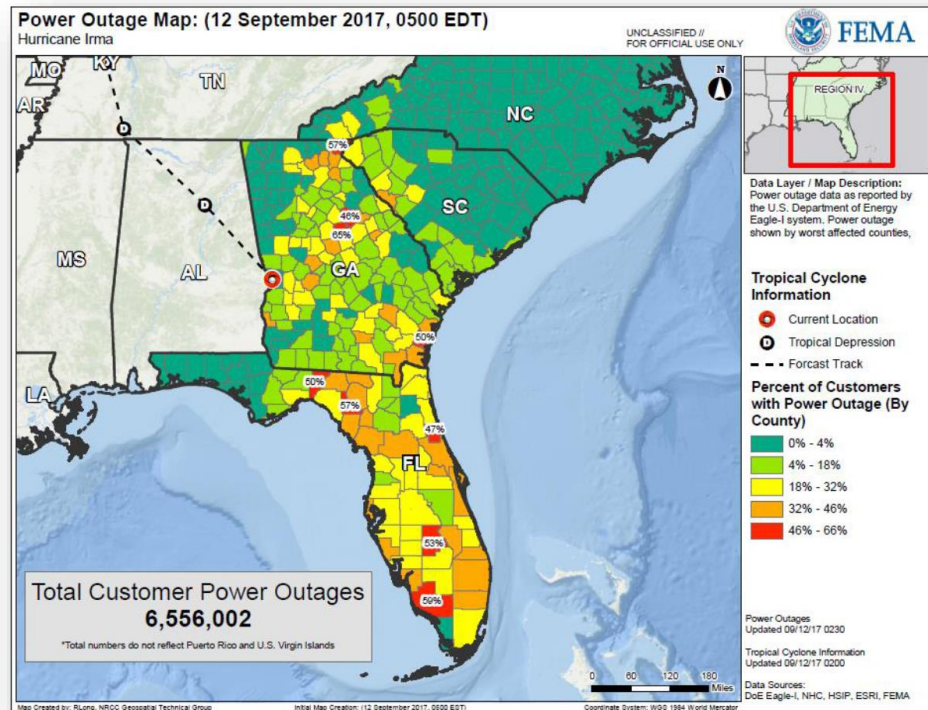
Tropical Cyclone Irma Response



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FEMA HQ

- NRCC: Level I (24/7); NWC: Steady State
- National IMATs East 1 and East 2 deployed to FL EOC
- Region I IMAT deployed to FL EOC
- Region X IMAT deployed to PR
- Region III Collateral IMAT deployed to AL EOC
- FEMA Corps teams deployed to PR (1) and Atlanta, GA (1)
- National Tribal Affairs Advisor deployed to Region IV RRCC
- Resources staged in TX, GA, LA, AL, SC, NC, VA, NJ, FL, PR and USVI
- US&R deployed to PR, USVI, FL, and GA
- MERS supporting response and recovery operations in PR, USVI, FL, GA, LA, NC, SC, and TX



Tropical Cyclone Irma Region IV



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FEMA Region IV

- RRCC: Level I (24/7); RWC: Steady State
- IMAT-1: deployed to FL; IMAT-2: deployed to [GA](#)
- LNOs deployed to FL, SC, GA, NC, AL and Seminole Tribe EOCs

Florida: EOC at Full Activation

- Evacuations: Mandatory for [25](#) counties; voluntary for 16 counties
- Shelters: [502](#) open with [119,261](#) occupants ([ARC as of 7:15 a.m. EDT](#))
- Power: [5.1](#) million ([DOE as of 5:30 a.m. EDT](#))
- Transportation:
 - Airports closed: Miami, Palm Beach IA, Fort Lauderdale
 - Rail: All railroads closed
 - Ports: [All closed except Pensacola](#)
- Hospitals: [33](#) (-16) closed; 204 healthcare facilities evacuated

Seminole Tribe of FL: EOC at Full Activation; 5 shelters, 39 occupants

Georgia: EOC at Full Activation

- Evacuations: Mandatory for six counties east of I-95; 32 medical facilities (includes 13 hospitals) evacuated
- Shelters: [34](#) open with [4,860](#) occupants ([ARC as of 5:30 a.m. EDT](#))
- Power: [1.2](#) million customers without power ([DOE as of 5:30 a.m. EDT](#))

Tennessee: EOC at Monitoring

- Shelters: [6](#) open with [149](#) occupants ([ARC as of 5:00 a.m. EDT](#))

Kentucky: EOC at Monitoring

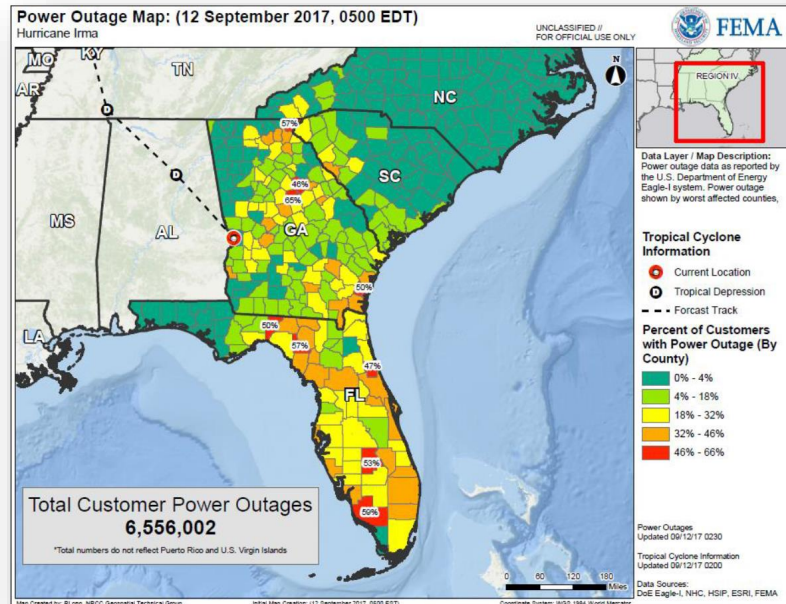
Alabama: EOC at Full Activation; [13](#) shelters open with [699](#) occupants

South Carolina: EOC at Full Activation; 900 Army National Guard activated

- Evacuations: Mandatory for Barrier Islands; 140 healthcare facilities in coastal counties are evacuating; [24](#) shelters with [939](#) occupants
- Power: [200k](#) customers without power ([DOE as of 5:30 a.m. EDT](#))

North Carolina: EOC at Full Activation

- Shelters: [5](#) open with [72](#) occupants ([ARC as of 5:00 a.m. EDT](#))
- [66k](#) customers without power ([DOE as of 5:30 a.m. EDT](#))



Tropical Cyclone Irma Region II



FEMA Region II

- RRCC: Level I (day shift); Level II (night shift) with select ESFs
- IMATs deployed to St. Croix, VI, St Thomas VI, and San Juan, PR

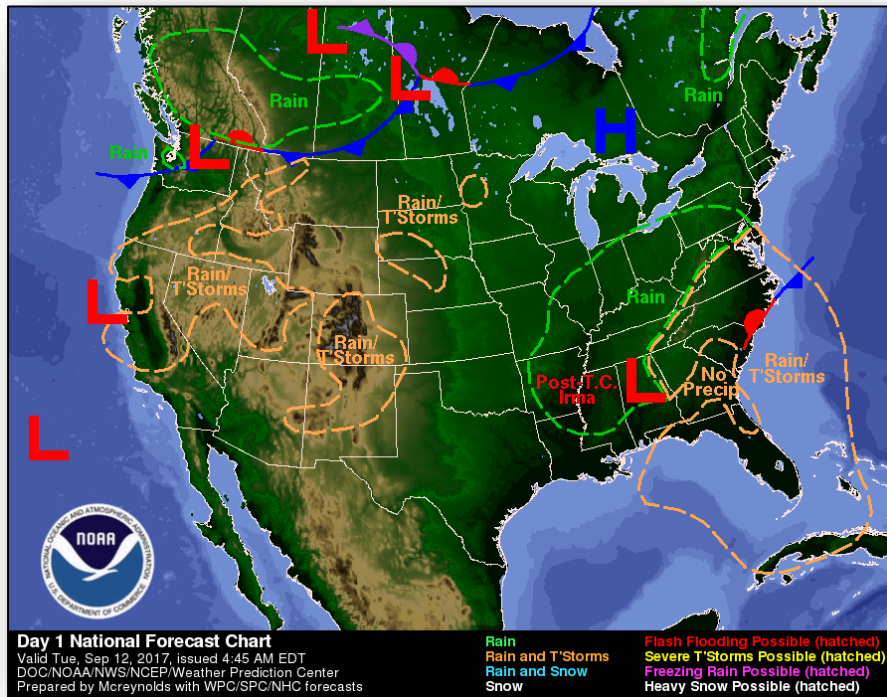
USVI & Puerto Rico

- USVI & PR EOCs at Full Activation; FEMA-4336-DR-PR approved September 10, 2017
- Fatalities: 4 in USVI, 3 in PR; injuries unknown
- Shelters: USVI – 7 (+1) open with 376 (+70) occupants: PR – 7 (+1) open with 171 (+17) occupants (ARC as of 5:00 a.m. EDT)
- Transportation:
 - Airports: St. Thomas: closed to commercial traffic; open for military/emergency operations only; San Juan Airport: open
 - Roads: PR – some interstates open w/restrictions; damage assessments ongoing
- Power as of 2:30 a.m. EDT:
 - PR: 368,682 (24%) customers without power (pop. 3.4M)
 - USVI: St. John (pop. 4k) is 100% without power and St. Thomas (pop. 51k) is 99% without power; St. Croix is 69% restored
- Water: 341k (+120k) without potable water in USVI (281k due to power failure); 61,980k people in PR in need of drinking water; drinking water stations are being set up throughout island; [boil water advisories for S. Thomas and St. John](#)
- Hospitals: PR: 1 hospital closed 6 (-20) hospitals working on generator power; USVI: 1 hospital closed and evacuated in St. Thomas

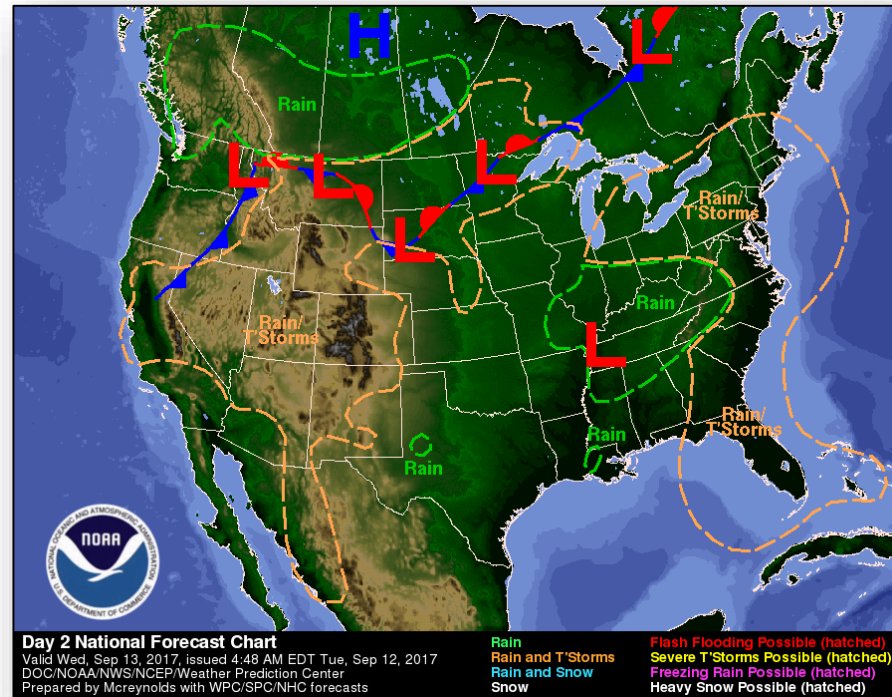
National Weather Forecast



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Today

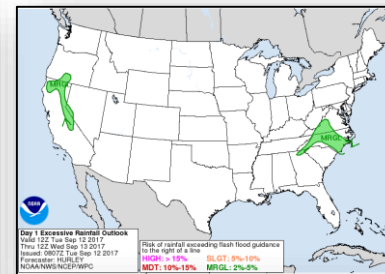
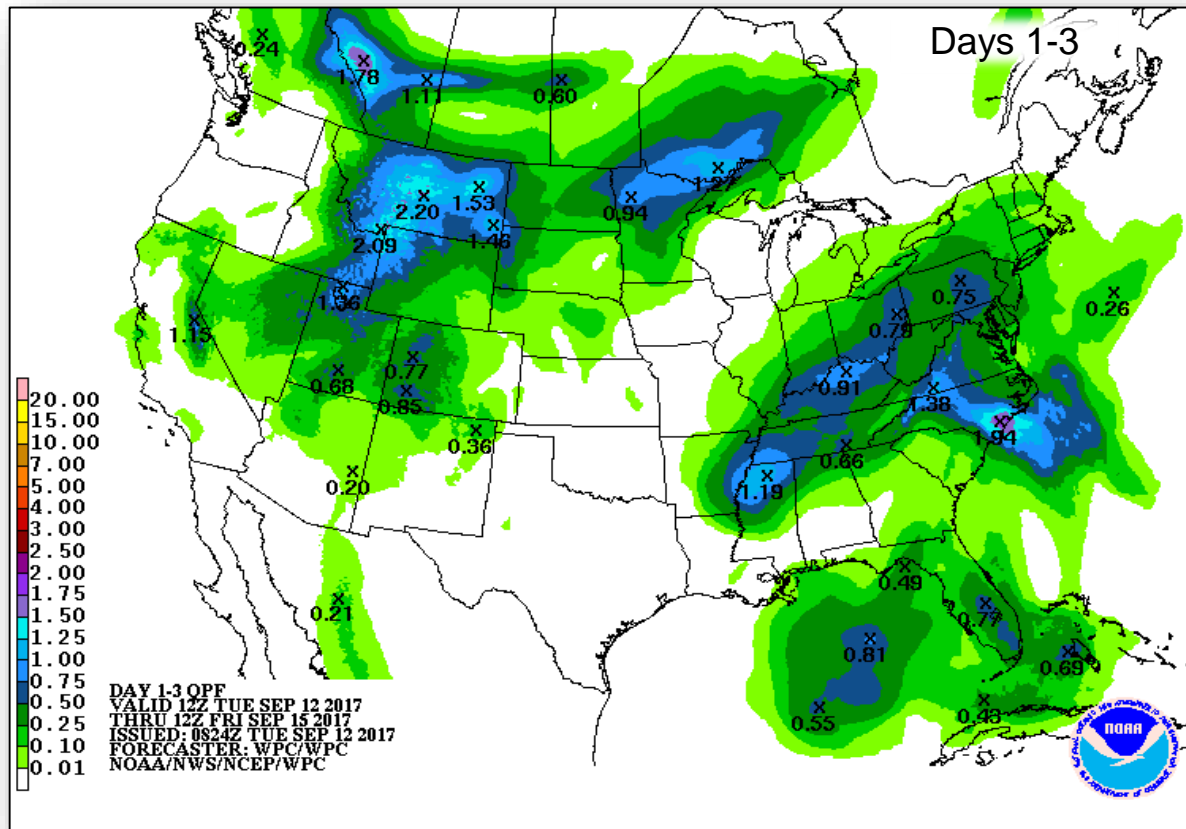


Tomorrow

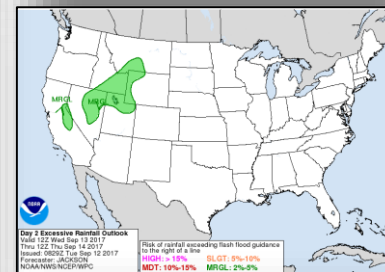
Precipitation Forecast



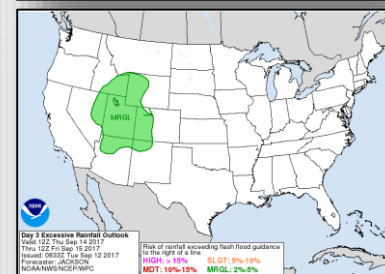
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Day 1



Day 2

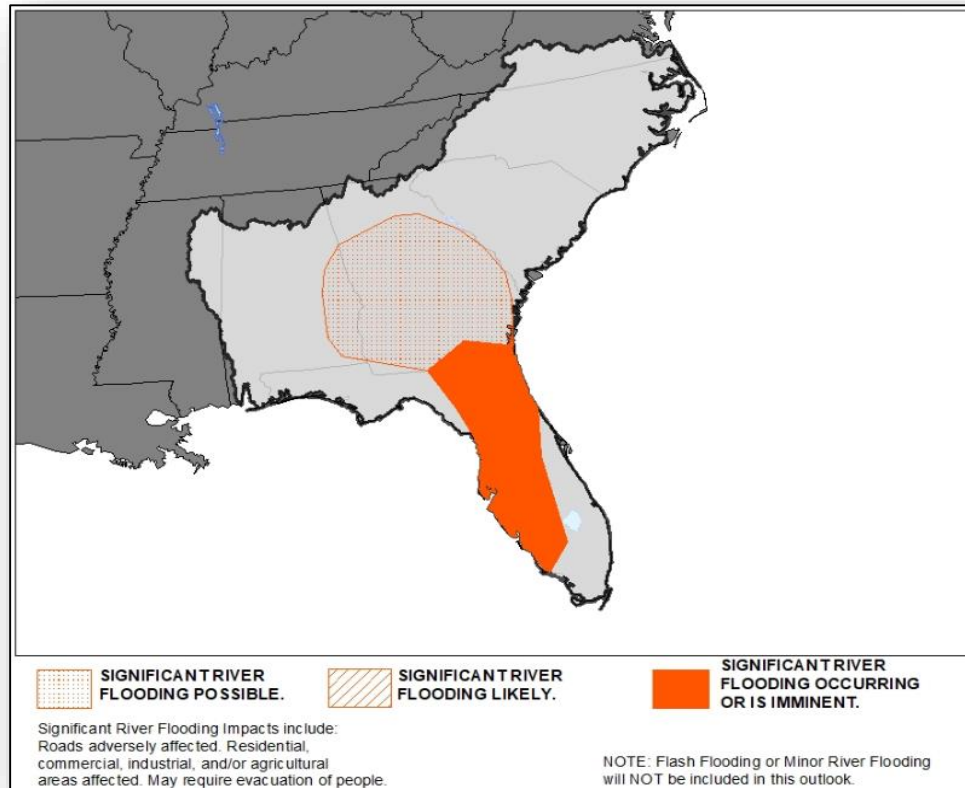


Day 3

Southeast River Flood Outlook



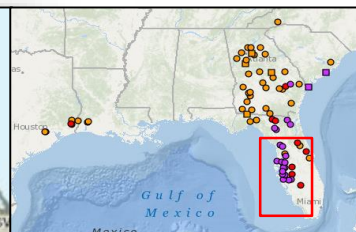
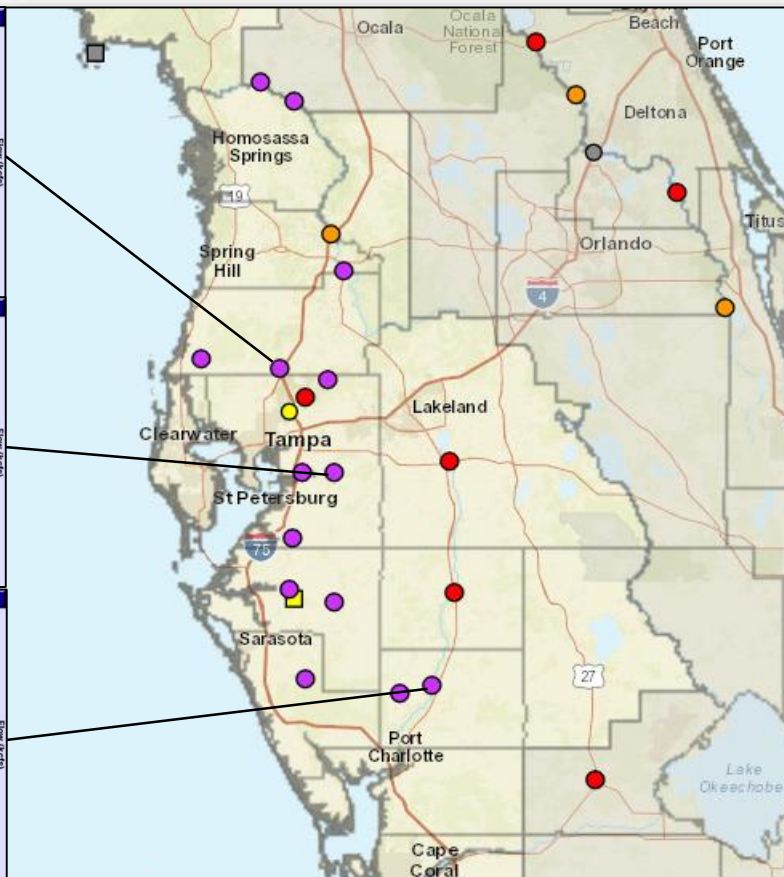
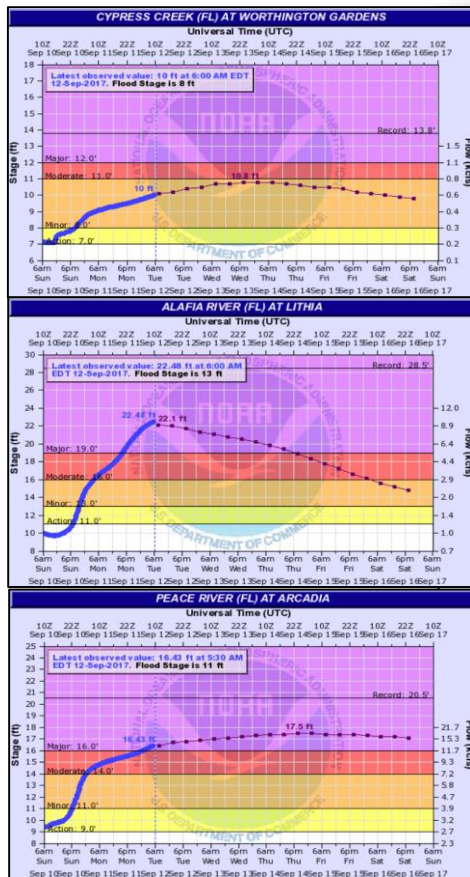
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River Flooding Western Florida



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- 14 Gauges: Major Flooding
- 6 Gauges: Moderate Flooding
- 27 Gauges: Minor Flooding

Riverine Flooding Southeast

Cypress Creek:

- North of Tampa
- Record Flooding: 15.7 ft
- Previous Record 13.4 ft

Alafia River at Lithia:

- Tampa Suburb
- Peak Major Flooding 23.9 ft

Peace River at Arcadia:

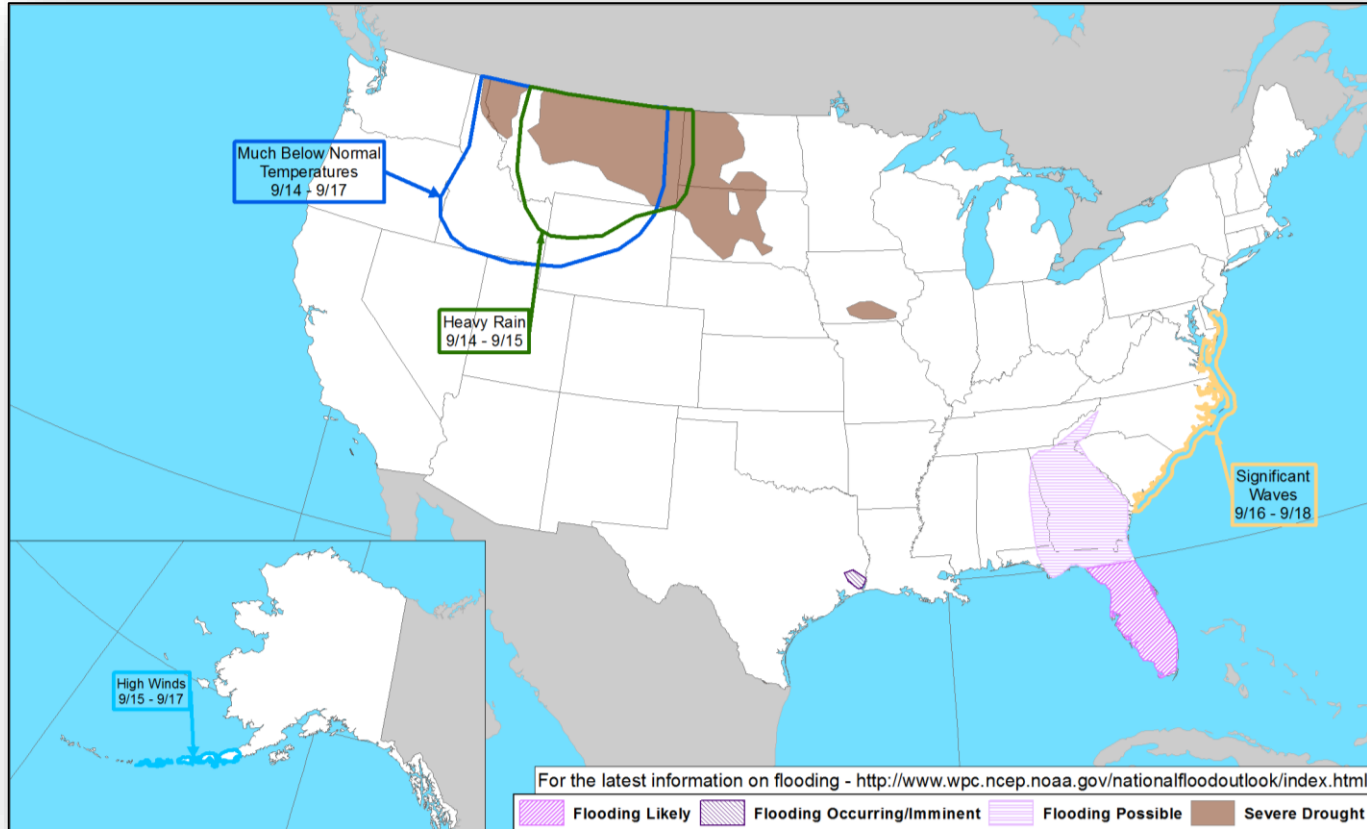
- North of Port Charlotte
- Reach Major Flood late Mon
- Peak estimated on Tues

Major to Record river flooding expected to continue late into the week

Hazards Outlook – September 14-18

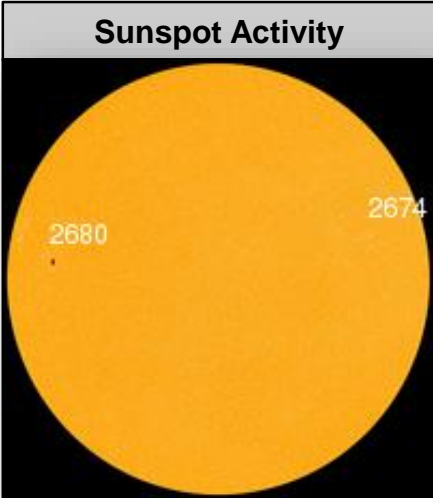
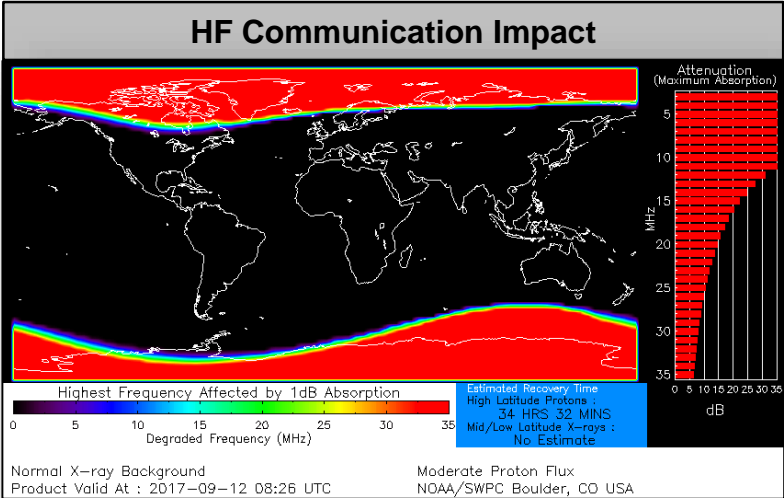


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Space Weather

| | Space Weather Activity | Geomagnetic Storms | Solar Radiation | Radio Blackouts |
|---|------------------------|--------------------|-----------------|-----------------|
| Past 24 Hours | Moderate | None | S2 | None |
| Next 24 Hours | Moderate | None | S2 | None |
| For further information on NOAA Space Weather Scales refer to http://www.swpc.noaa.gov/noaa-scales-explanation | | | | |



Wildfire Summary



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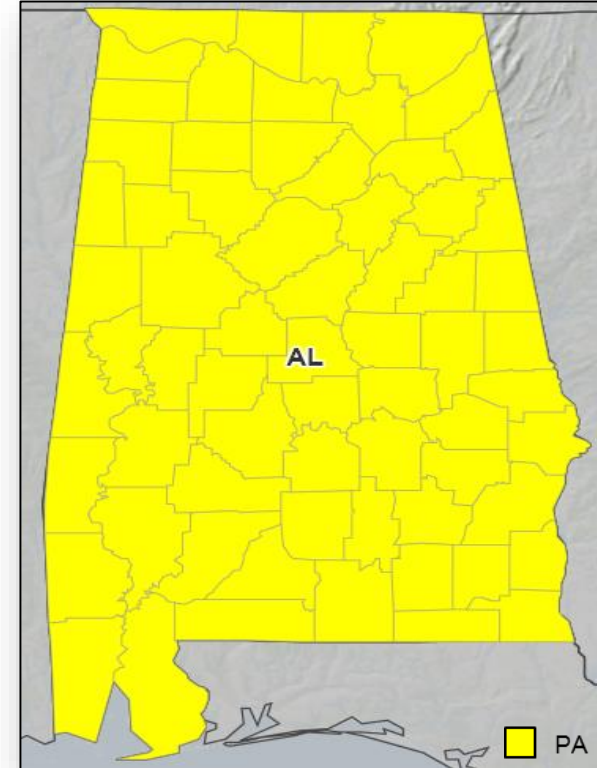
| Fire Name (County) | FMAG # (Approved Date) | Acres Burned | Percent Contained | Evacuations (Residents) | Structures | | | Fatalities / Injuries |
|-----------------------------------|-------------------------------|---------------------|----------------------|----------------------------|-------------------------|----------------|-------------------|--------------------------|
| | | | | | Threatened | Damaged | Destroyed | |
| California (1) | | | | | | | | |
| Helena (Trinity) | 5199-FM-CA Sept 1, 2017 | 21,021 (+469) | 47% (+4) | Mandatory | 5,250 (4,000 homes) | 8 (4 homes) | 133 (72 homes) | 0 / 3 |
| Montana (5) | | | | | | | | |
| Rice Ridge (Missoula & Powell) | 5207-FM-MT Sept 9, 2017 | 135,355 (+2,623) | 33% (+25) | Mandatory | 1,719 (1,305 homes) | 0 | 0 | 0 / 12 |
| Alice Creek (Lewis & Clark) | 5208-FM-MT Sept 9, 2017 | 27,469 (+238) | 5% (+5) | Mandatory | 90 (90 homes) | 0 | 4 | 0 / 0 |
| West Fork (Lincoln) | 5209-FM-MT Sept 9, 2017 | 13,372 (+3,449) | 0% | Voluntary | 709 (705 homes) | 0 | 0 | 0 / 0 |
| Highway 200 (Sanders) | 5210-FM-MT Sept 10 ,2017 | 22,990 | 17% | Voluntary | 925 (925 homes) | 0 | 0 | 0 / 4 |
| Moose Peak (Sanders/Lincoln) | 5211-FM-MT Sept 10 ,2017 | 8,206 | 0% | Mandatory | 45 (43 homes) | 0 | 0 | 0 / 0 |
| Oregon (2) | | | | | | | | |
| Chetco Bar (Curry) | 5198-FM-OR August 20, 2017 | 184,292 (+2,008) | 8% (+3) | Mandatory | 12,286 (8,523 homes) | 9 (1 home) | 30 (6 homes) | 0 /4 |
| Eagle Creek (Hood River) | 5203-FM-OR Sept 3, 2017 | 35,588 (+2,206) | 7% | Mandatory | 5,230 (5,230 homes) | 0 | 4 (4 homes) | 0 / 0 |
| Washington (1) | | | | | | | | |
| Jolly Mountain (Kittitas) | 5200-FM-WA Sept 2, 2017 | 30,720 (+1,288) | 15% | Mandatory | 5,277 (4,204 homes) | 0 | 0 | 0 / 7 |

Declaration Approved



Alabama

- Emergency Disaster Declaration approved on September 10, 2017
- As a result of Hurricane Irma beginning on September 8, 2017 and continuing
- Provides:
 - Emergency protective measures (Category B), including direct federal assistance under the Public Assistance program at 75 percent federal funding for all 67 counties and the Poarch Creek Tribe
- FCO is Warren J. Riley



Disaster Requests & Declarations



FEMA

| Declaration Requests in Process | | | | | Requests APPROVED (since last report) | Requests DENIED (since last report) |
|---|----|----|----|--------------------|--|--|
| 8 | IA | PA | HM | Requested | 1 | 0 |
| NY – DR (Expedited) Flooding | X | X | X | July 6, 2017 | | |
| ID – DR Flooding | | X | X | July 20, 2017 | | |
| ND – DR Drought | X | X | X | August 7, 2017 | | |
| WI – DR Severe Storms, Straight-line Winds, Flooding, Landslides, Mudslides | | X | X | August 23, 2017 | | |
| ND – DR Severe Storm | | X | X | August 24, 2017 | | |
| KS – DR Severe Storms, Straight-line Winds, and Flooding | | X | X | August 31, 2017 | | |
| IL – DR Severe Storms and Flooding | X | | X | August 31, 2017 | | |
| NY – DR Severe Storms, Tornadoes, and Flooding | X | | X | August 31, 2017 | | |
| AL – EM Hurricane Irma | | X | | September 10, 2017 | Declared September 11, 2017 | |

Disaster Amendments



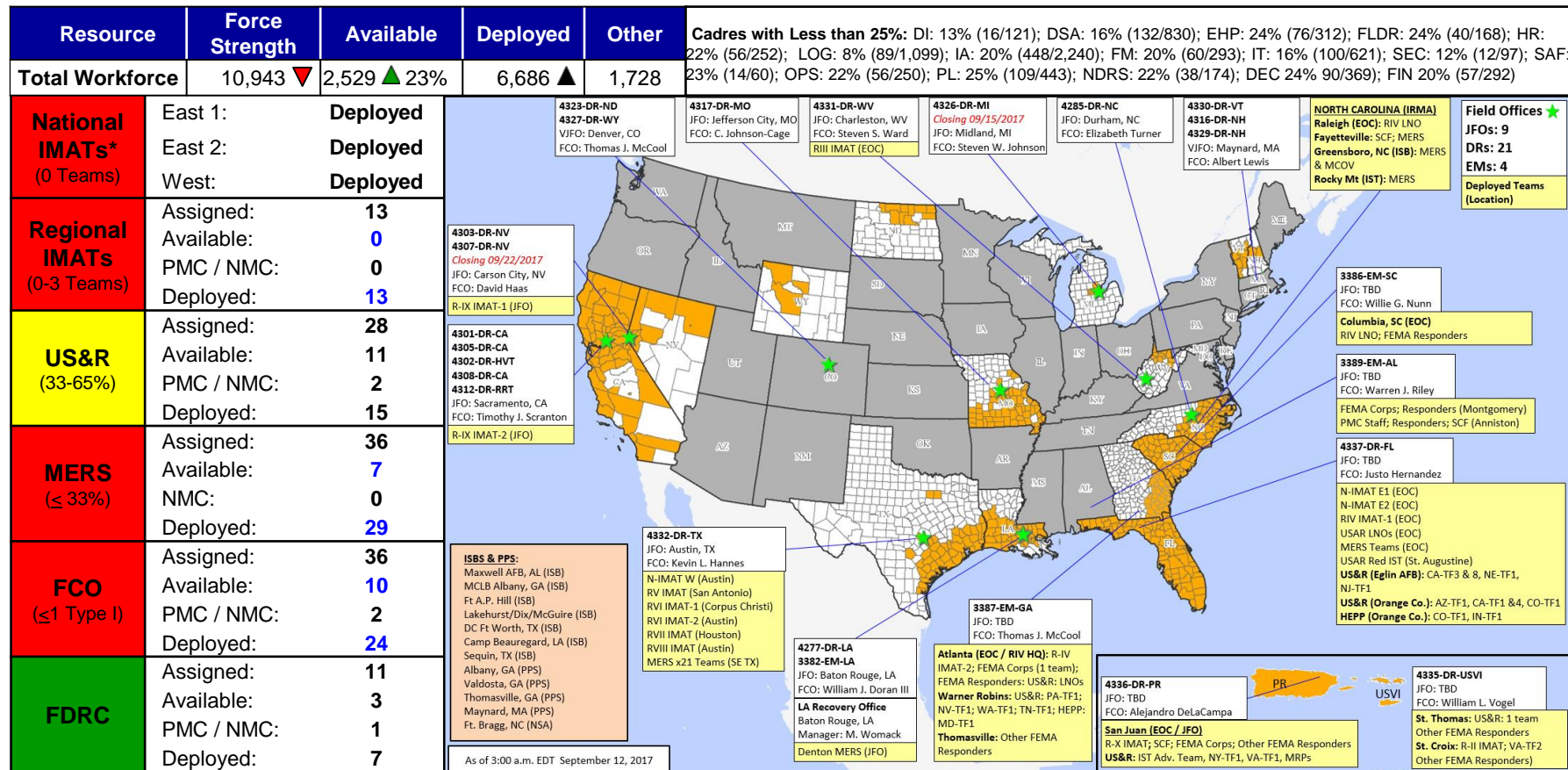
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| Amendment | Effective Date | Action |
|------------------------------------|--------------------|---|
| Amendment No. 2 to FEMA-3387-EM-GA | September 11, 2017 | Adds 65 counties for debris removal and emergency protective measures (Categories A and B), including direct federal assistance, under the Public Assistance program. |
| Amendment No. 1 to FEMA-4329-DR-NH | September 11, 2017 | Adds 1 county for Public Assistance |
| Amendment No. 1 to FEMA-4337-DR-FL | September 11, 2017 | Adds 5 counties for Individual Assistance |
| Amendment No. 2 to FEMA-4337-DR-FL | September 11, 2017 | Adds 2 counties for Individual Assistance |

Readiness – Deployable Teams and Assets



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

MERS Availability Summary



FEMA

| MERS Operations Center | Personnel Availability | Pacing Item Availability | Teams Deployed |
|---------------------------|------------------------|--------------------------|----------------|
| Bothell, WA | 48% | 67% | 5 |
| Denton, TX | 43% | 25% | 5 |
| Denver, CO | 15% | 38% | 6 |
| Frederick, MD | 33% | 35% | 5 |
| Maynard, MA | 45% | 70% | 5 |
| Thomasville, GA | 70% | 60% | 3 |
| Overall MERS Availability | 42% | 49% | 19% |

| | |
|---------|-----------------|
| Legend: | > 66% |
| | 66% - 33% |
| | < 33% |
| As of: | August 21, 2017 |

FEMA Readiness – Activation Teams



| Resource | Status | Total | Status | Activated Team | Activation Level | Activation Times | Reason/Comments |
|-----------|--------|-------|---------------|------------------------------------|--|--|---|
| NWC | | 5 | Not Activated | | | | |
| NRCC | | 2 | Activated | Blue | Level I | 24/7 | |
| HLT | | 1 | Activated | | | | Hurricane Season |
| RWCs/MOCs | | 10 | Not Activated | | | | |
| RRCCs | | 10 | Activated | Region I Region II Region IV | Level III Level I / Level II Level I | Day shift Day shift / Night shift 24/7 | Tropical Cyclone Irma Tropical Cyclone Irma Tropical Cyclone Irma |

Back-up Region: V

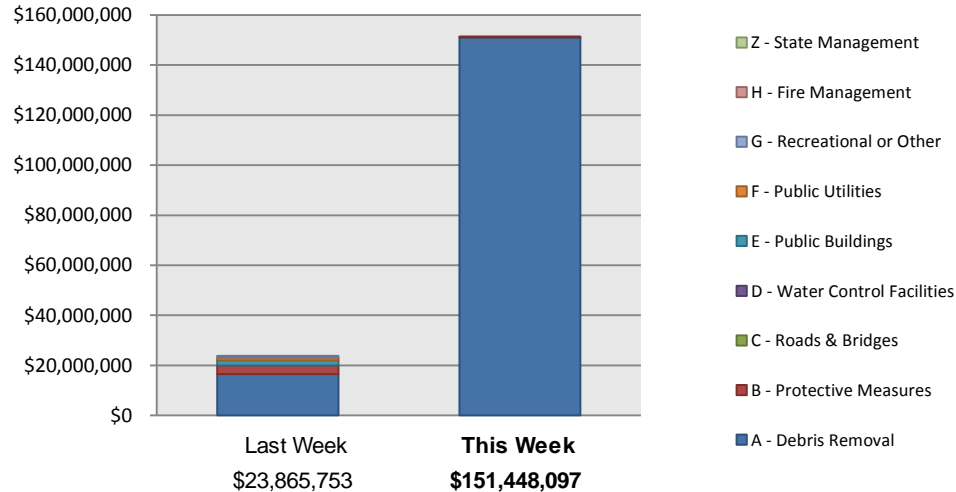
Public Assistance Grant Program



FEMA

| PA Project Worksheets Obligated in past week, as of 09/11/17 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 | 10 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 |
| Federal Share Obligated | \$151,087,449 | \$360,648 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$151,448,097 |

Public Assistance Obligated per Category In the Past 2 Weeks – 09/04/2017 through 09/11/2017



PA Highlights

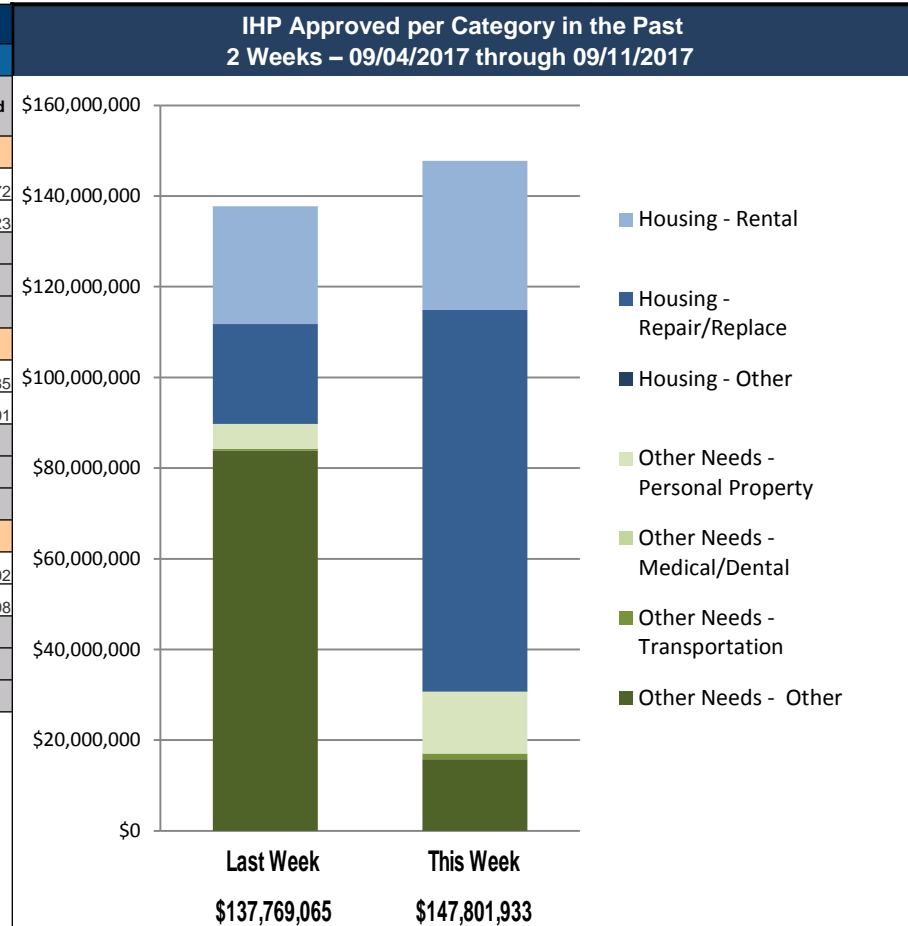
- Expediting Project Worksheets to provide funding for emergency work: Houston debris (\$101m); Harris County debris (\$49m); Texas emergency protective measures(\$340m).
- Providing technical assistance on debris, including contracting, with USACE and PDAT.
- Working with Federal agencies to identify expertise to provide resource support.
- Aligning PA resources nationally to meet Hurricane Harvey and Irma needs.

Individual Assistance Activity



FEMA

| | Individuals and Households Program Activity As Of: 9/11/17 | | | | |
|--------------------------|--|--|------------------|---------------------|------------------|
| | | In Past 7 Days | | Cumulative | |
| | | Applicants Approved | Amount Approved | Applicants Approved | Amount Approved |
| Open Registration Period | 4326-MI Declared 08-02-2017 End Of Reg Period 10-02-2017 | | | | |
| | Housing Assistance | 92 | \$259,181.84 | 1,266 | \$4,033,812.72 |
| | Other Needs Assistance | 24 | \$37,214.13 | 459 | \$470,744.23 |
| | Total IHP | \$296,395.97 | | \$4,504,556.95 | |
| | Average IHP | | | \$3,332 | |
| | Total Max Grants | | | 2 | |
| | 4331-WV Declared 08-18-2017 End Of Reg Period 10-17-2017 | | | | |
| | Housing Assistance | 60 | \$207,273.69 | 359 | \$1,788,699.85 |
| | Other Needs Assistance | 15 | \$55,452.25 | 161 | \$353,673.01 |
| | Total IHP | \$262,725.94 | | \$2,142,372.86 | |
| | Average IHP | | | \$5,369 | |
| | Total Max Grants | | | 4 | |
| | 4332-TX Declared 08-25-2017 End Of Reg Period 10-24-2017 | | | | |
| | Housing Assistance | 23,246 | \$116,464,781.71 | 35,691 | \$163,919,218.02 |
| | Other Needs Assistance | 37,381 | \$30,609,112.69 | 204,381 | \$120,218,988.08 |
| | Total IHP | \$147,073,894.40 | | \$284,138,206.10 | |
| | Average IHP | | | \$1,299 | |
| | Total Max Grants | | | 407 | |
| | Other IHP Active | 9 Declarations IHP Programmatically Open - Closed Registration * | | | |
| Housing Assistance | | 45 | \$146,124.62 | | |
| Other Needs Assistance | | 11 | \$22,791.59 | | |
| Total IHP | | \$168,916.21 | | | |
| | | | | | |
| | Total IHP Approved in Past Week | \$147,801,932.52 | | | |





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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.