



# **FEMA**

## **Daily Operations Briefing**

**Sunday, September 3, 2017**

**8:30 a.m. EDT**

# Significant Activity – Sep 2-3



**Significant Events:** Response to Harvey

## **Tropical Activity:**

- Atlantic – Hurricane Irma (CAT 3); Disturbance 1 – Medium (60%)
- Eastern Pacific – Post-Tropical Cyclone Lidia
- Central Pacific – No tropical cyclones expected next 48 hours
- Western Pacific – No activity affecting U.S. interests

## **Significant Weather:**

- Rain and thunderstorms – CA; FL, Upper Mississippi Valley to Northeast
- Red Flag Warnings – ND, SD, CA. OR, MT, NE, WY, WA & ID
- Elevated/critical fire weather – MT, WY, ND, SD, and NE
- Space weather:
  - Past 24 hours: Minor; geomagnetic storms reaching G1 level occurred
  - Next 24 hours: None

**Earthquake Activity:** No significant activity

## **Declaration Activity:**

- Amendment No. 4 to FEMA-4332-DR-TX
- FMAG approved – Jolly Mountain Fire, WA
- FMAG approved – La Tuna Fire, CA
- FMAG approved – Railroad Fire, CA

# Tropical Outlook – Atlantic

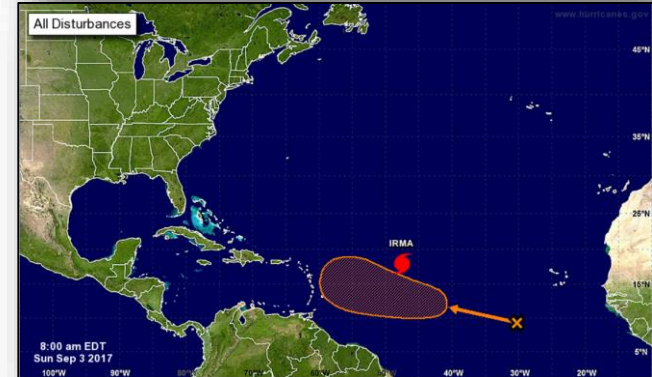


## Hurricane Irma (CAT 3) (Advisory #16, as of 5:00 a.m. EDT)

- Category 3 Hurricane
- Located 945 miles E of the Leeward Islands
- Located 1,198 miles E of Puerto Rico; 1,137 miles E of USVI
- Moving WSW at 15 mph; turn W forecast on Monday
- Maximum sustained winds 115 mph
- Some additional strengthening forecast through Monday night
- Hurricane force winds extend 25 miles; tropical storm force winds extend 80 miles

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

- Located several hundred miles SW of Cabo Verde Islands
- Moving W to WNW at 10 mph
- Tropical depression could form by end of the week
- Formation chance through 48 hours: Low (near 0%)
- Formation chance through 5 days: Medium (60%)

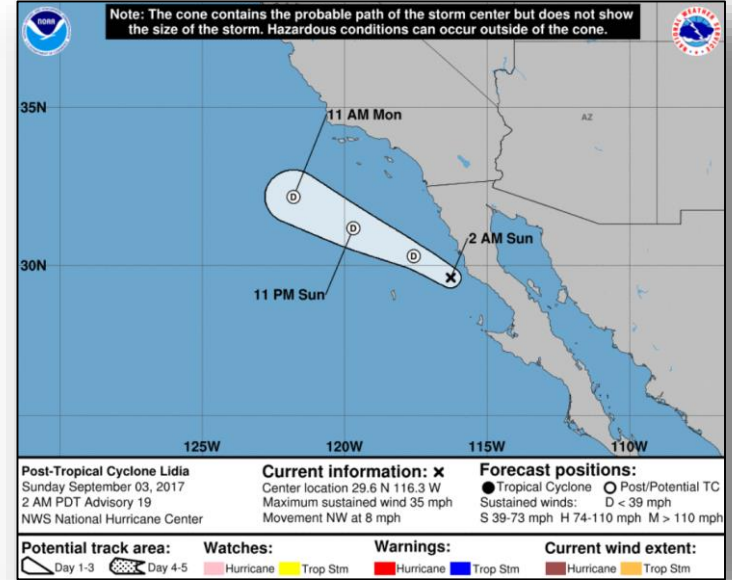


# Tropical Outlook – Eastern Pacific

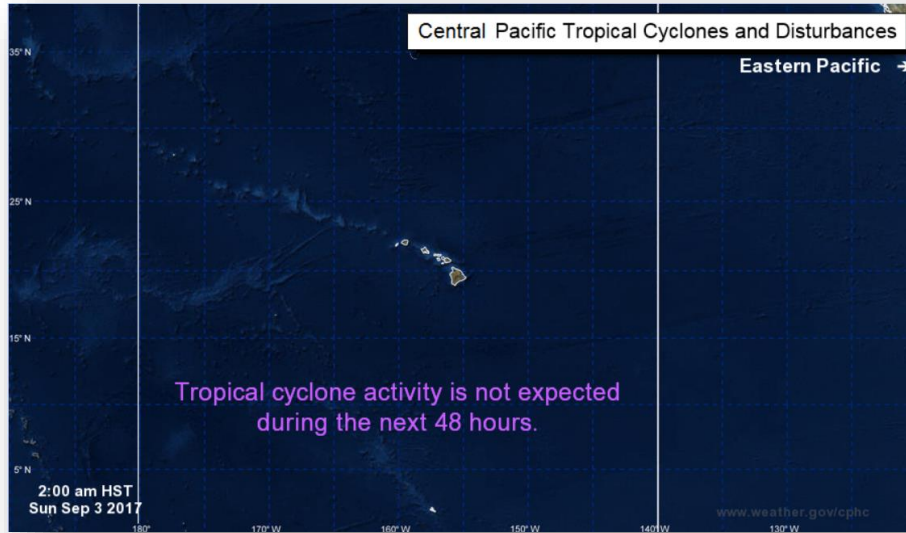


## Post-Tropical Cyclone Lidia (Advisory #19 as of 5:00 a.m. EDT) - FINAL

- Located 40 miles SW of Punta Baja, Mexico
- Moving NW at 8 mph
- Maximum sustained wind 35 mph
- Lidia now a remnant low; expected to dissipate by Monday night
- This is the last Public Advisory issued by National Hurricane Center



# Tropical Outlook – Central Pacific



**48-Hour Outlook**



**5 Day Outlook**

# Tropical Cyclone Harvey



## Current Situation

- Response and recovery efforts continue throughout the Gulf Coast
- Dry weather this weekend; area rivers and bayous to fall below major flood stage
- River basins near mid-TX coast are receding rapidly while river are expected to crest near the upper-TX and southwest LA coasts
- Long-duration flooding will significantly hamper response and recovery activities; additional showers and thunderstorms expected today through Tuesday

## Impacts

- **Damages:** Modeling indicates over 135k homes affected out of 2.7 million homes across 29 counties; over 22k homes may have major damage (over 5 feet of inundation) across 29 counties
- **Evacuations:**
  - TX – Mandatory evacuations for 430k; Voluntary evacuations for 234k people
  - LA – Mandatory evacuations for 6.9k; Voluntary evacuations for 133k people
- **Shelters / Occupants:** 277 / 38k in TX; 7 / 2,078 in LA (ESF-6 as of 12:53 pm EDT, Sept 2)
- **Transportation:** Limited operations across the region
  - Airports: Beaumont closed (expected to open Sep 4)
  - Seaports: Dredging has begun
  - Roads/Bridges: Major roads remain closed through the impacted area
- **Communications:** 100k landline customers out of service
- **Medical:** 29 hospitals closed; 12 hospitals reopened
- **Power Outages:** 88k customers without power in TX\* (as of 8:00 a.m. EDT)
- **Schools:** Houston schools closed for at least 2 weeks

# Tropical Cyclone Harvey



## FEMA Region VI

- RRCC: Level I (24/7); RWC: Steady State
- Region VI IMAT-1: deployed to TX
- Region VI IMAT-2: deployed to TX
- LNOs: deployed to TX & LA

## Texas

- EOC at Full Activation

## Louisiana

- EOC at Partial Activation

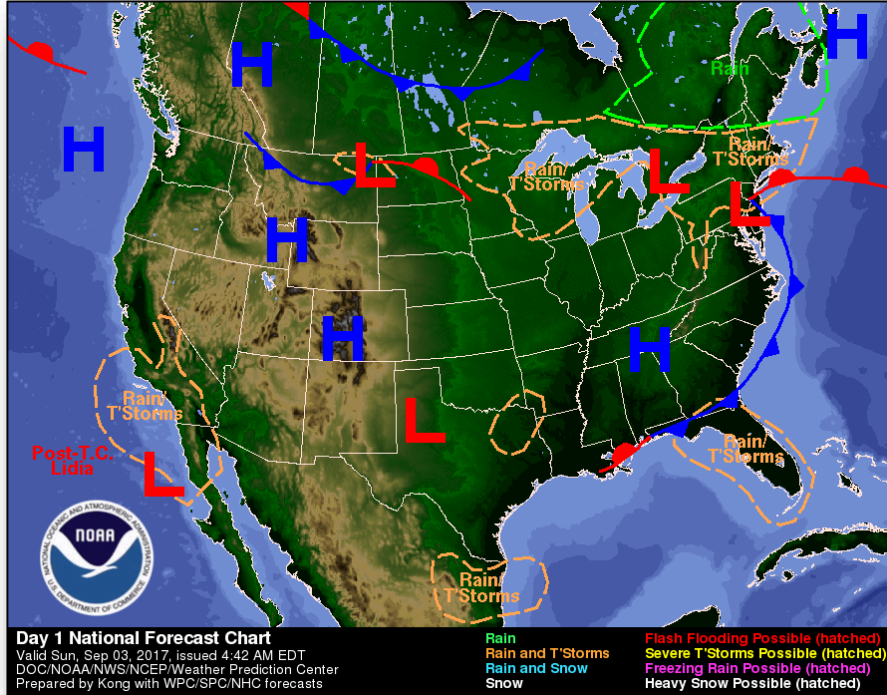
## EMAC

- States supporting EMAC: MS, KY, TN, AR, NM & OK

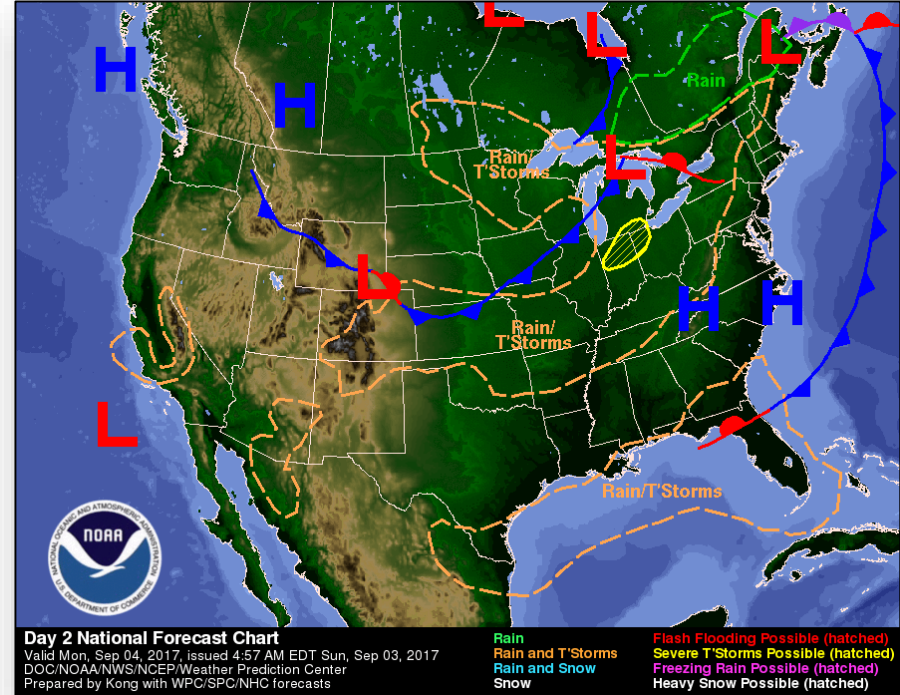
## FEMA HQ

- NRCC: Level I (24/7); NWC: Steady State
- National IMAT West: deployed to Austin, TX
- National IMAT East-1: deployed to Houston, TX
- Region V, VII, & VIII IMATs deployed to TX
- ISBs: Seguin, TX; Camp Beauregard, LA; Randolph, TX
- MERS: 25 MCOVs in TX
- FEMA Corps: 1 team deployed to TX; 31 teams available
- US&R: All 28 National Teams have deployed assets to TX

# National Weather Forecast



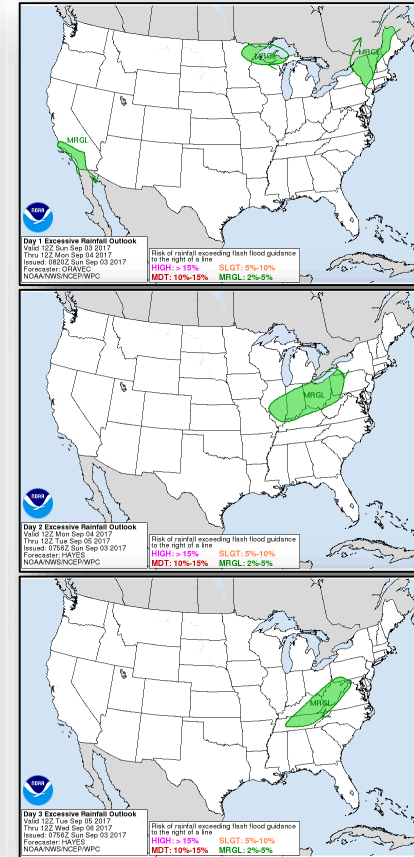
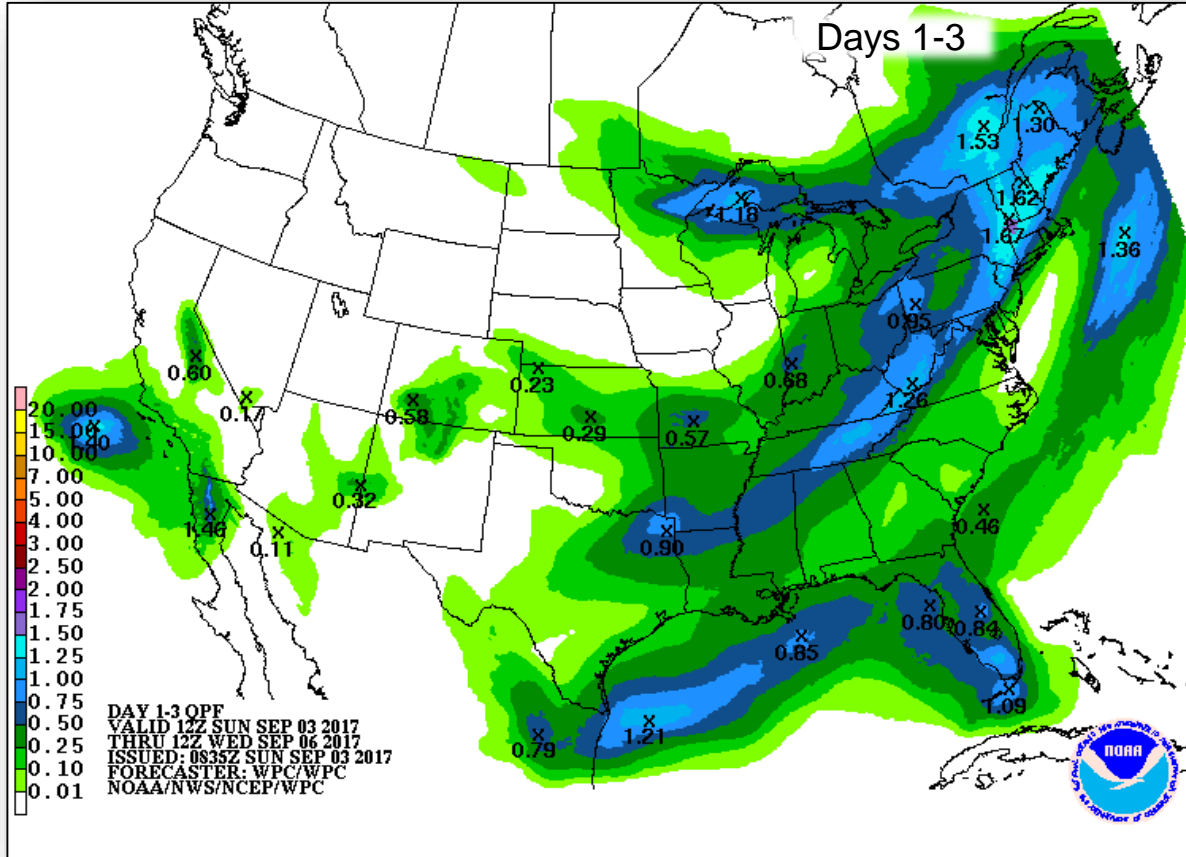
*Today*



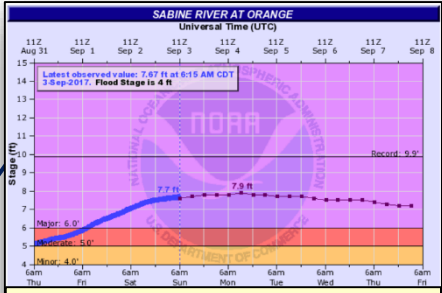
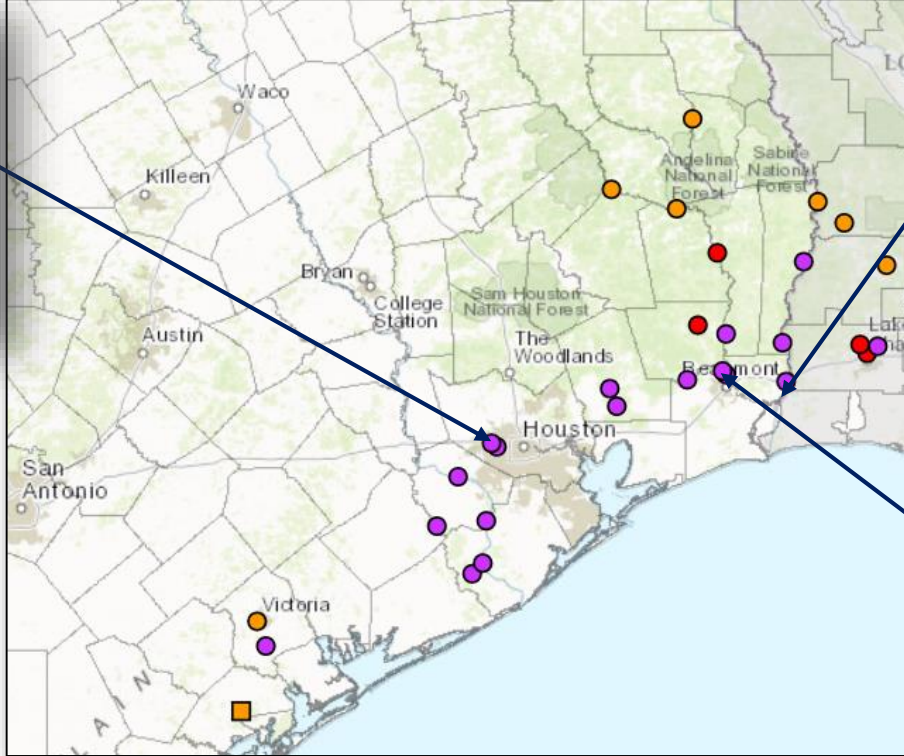
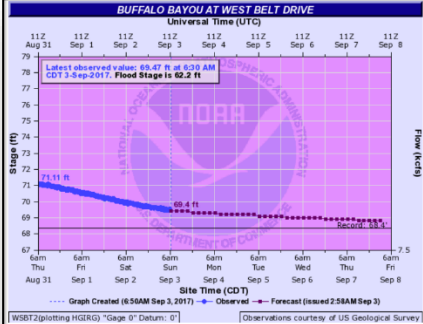
*Tomorrow*



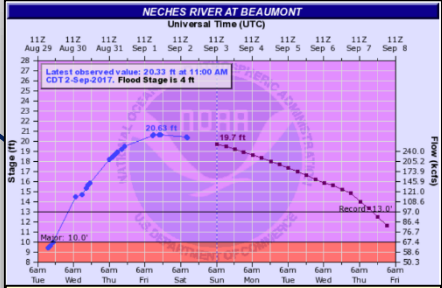
# Precipitation Forecast



# Major to Record River Flooding

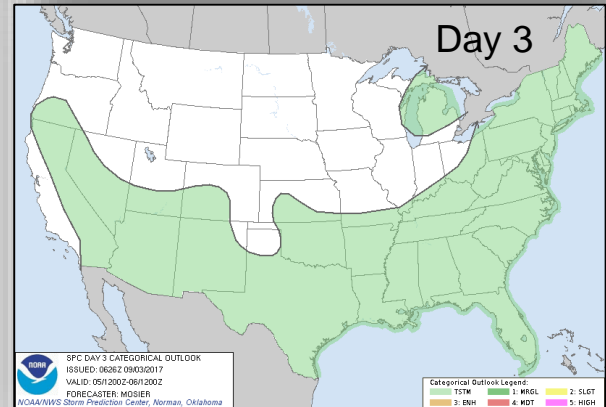
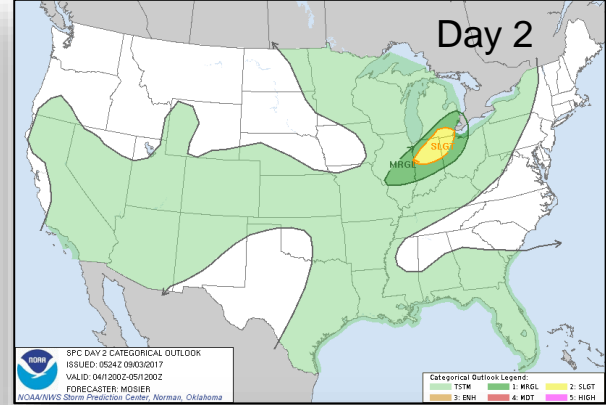
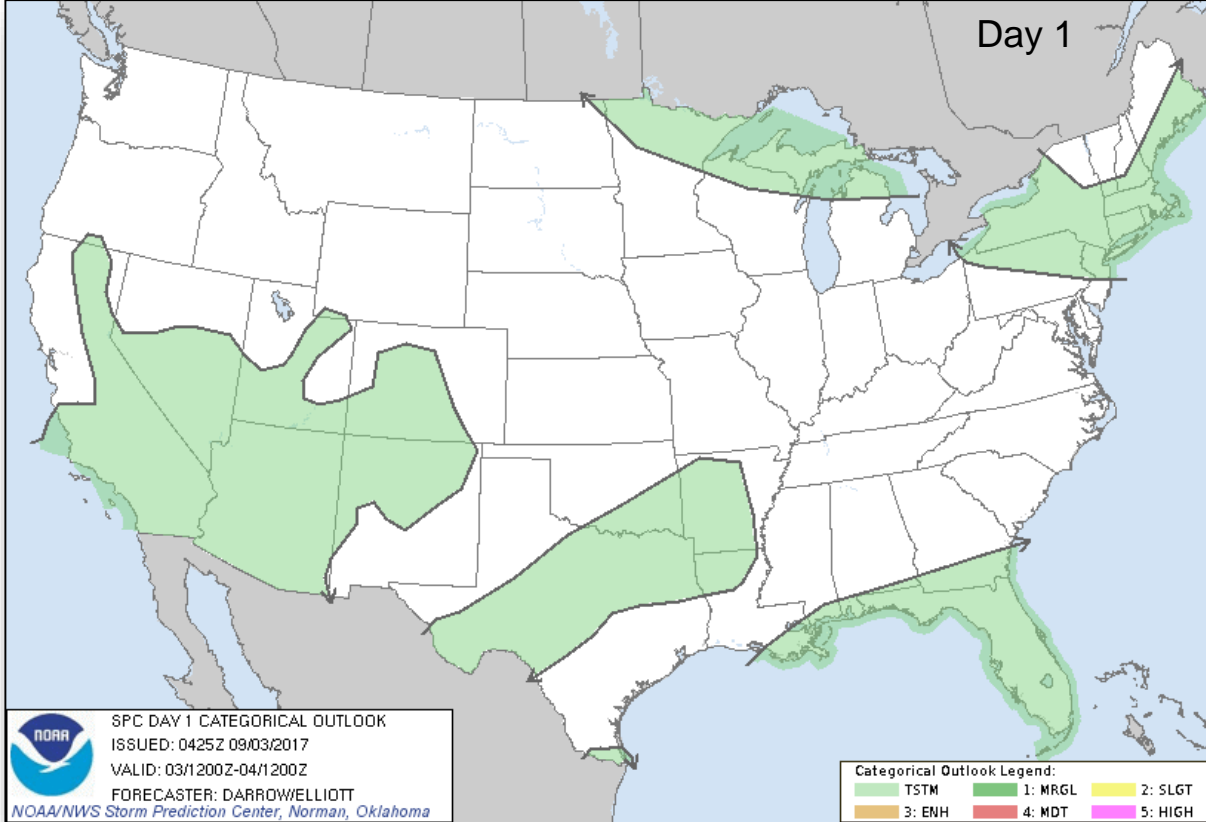


**9.86 feet:** Water levels are near those reached with the storm surge from Hurricane Ike in 2008. Widespread catastrophic flooding occurs across much of Orange

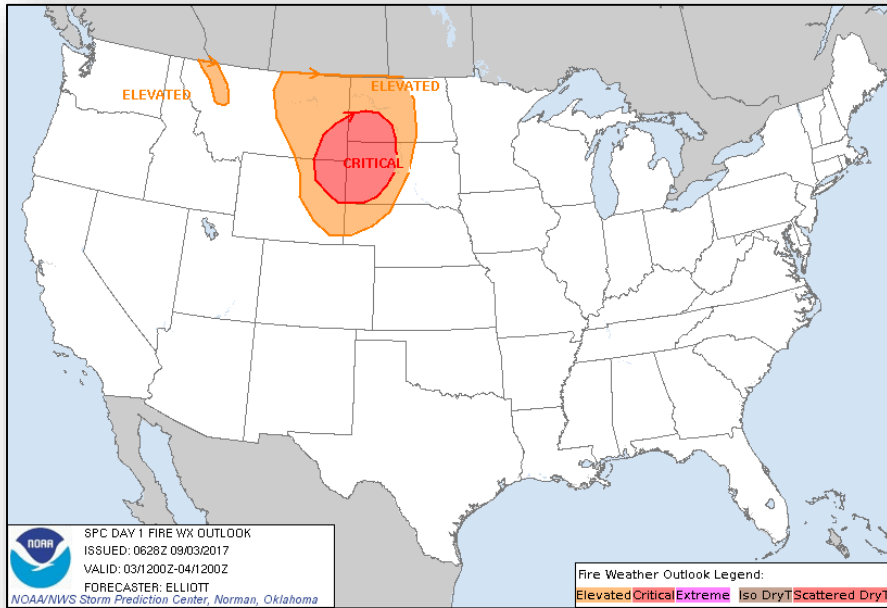


**13 feet:** River is near flood of record which occurred October 1994. Widespread major flooding is occurring. Numerous homes in northeast Beaumont and Rose City are flooded.

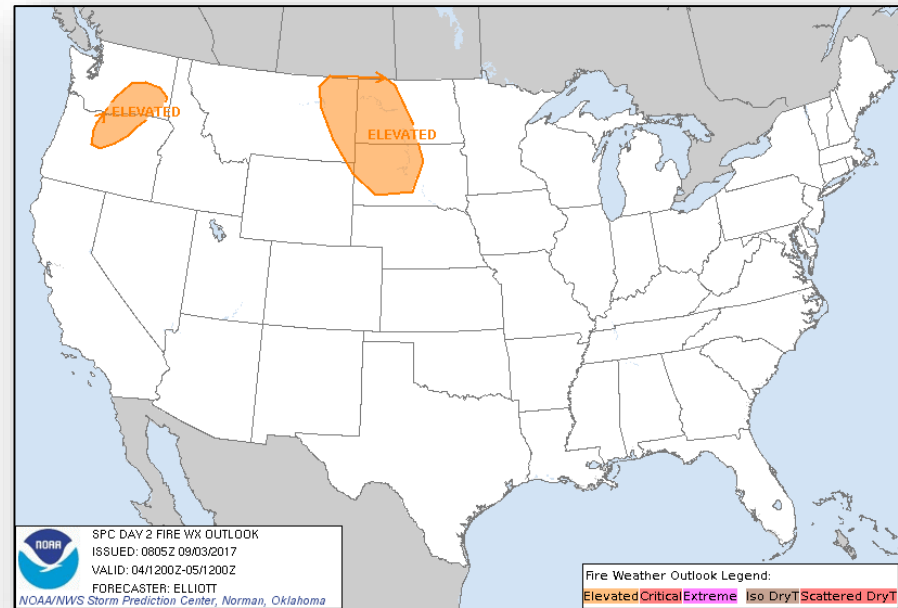
# Severe Weather Outlook – Days 1-3



# Fire Weather Outlook

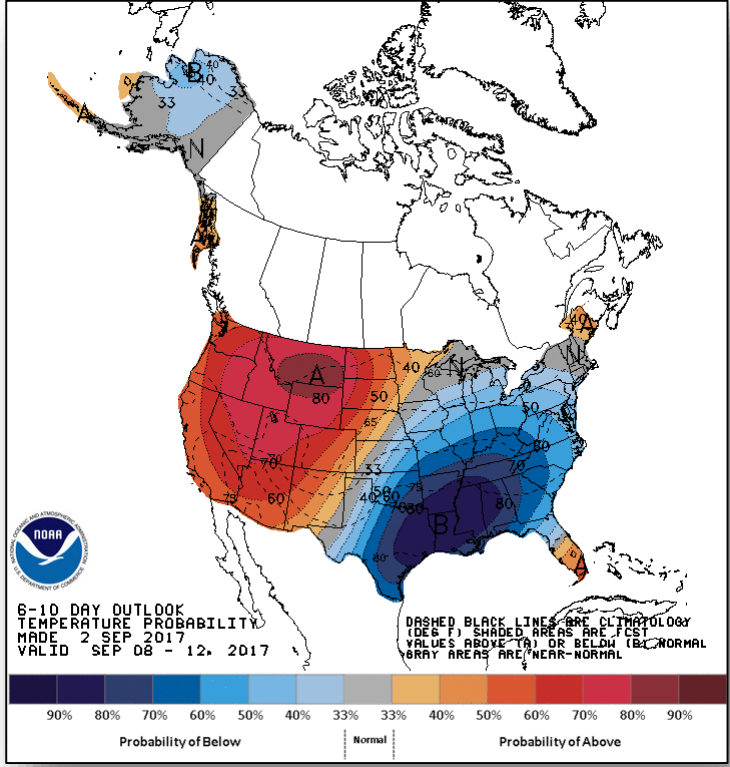


*Today*

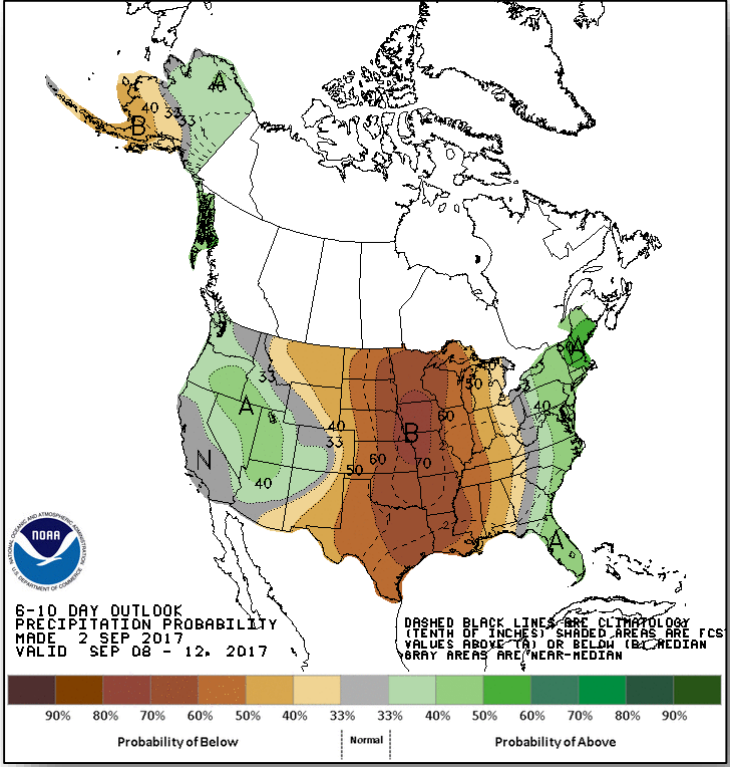


*Tomorrow*

# 6-10 Day Outlooks



**6-10 Day Temperature Probability**



**6-10 Day Precipitation Probability**

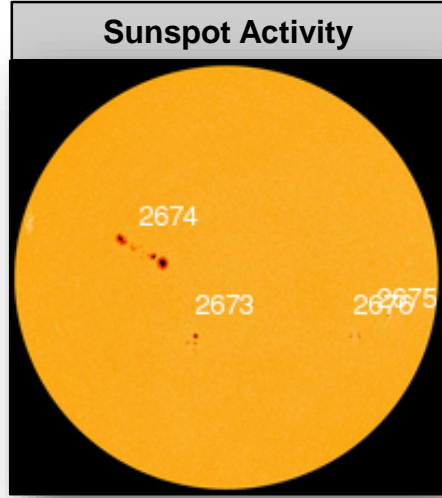
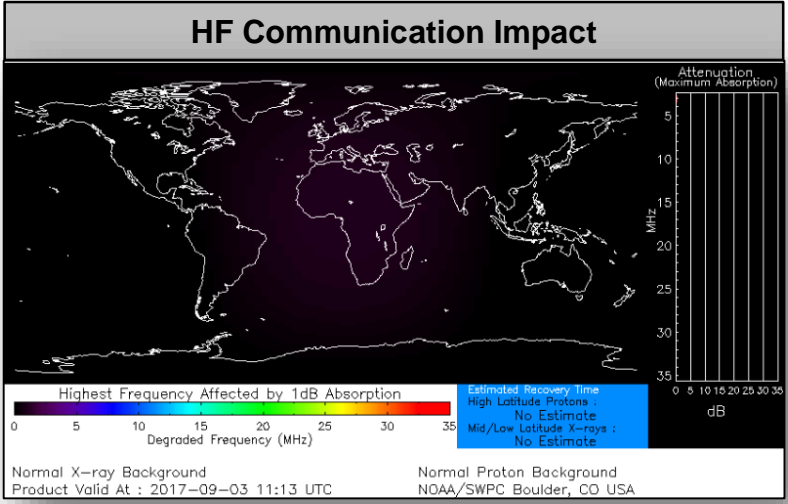
# Space Weather



FEMA

	Space Weather Activity	Geomagnetic Storms	Solar Radiation	Radio Blackouts
Past 24 Hours	Minor	G1	None	None
Next 24 Hours	None	None	None	None

For further information on NOAA Space Weather Scales refer to <http://www.swpc.noaa.gov/noaa-scales-explanation>



# Jolly Mountain Fire – WA



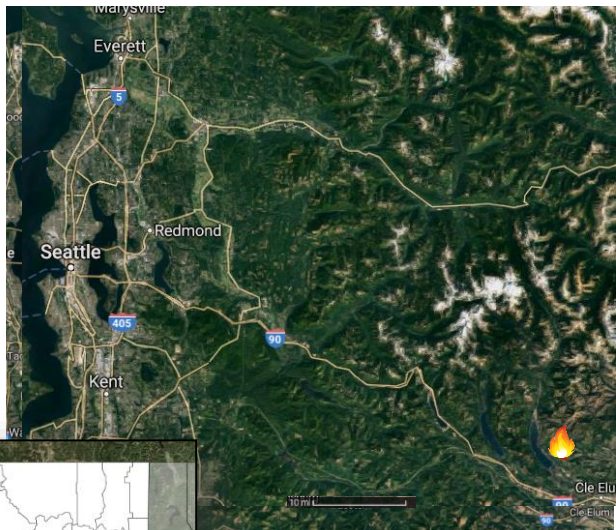
Fire Name (County)	FMAG # / Approved	Acres burned	Percent Contained	Evacuations (Residents)	Structures			Fatalities / Injuries
					Threatened	Damaged	Destroyed	
Jolly Mountain (Kittitas)	XXXX-FM-WA Sept 2 ,2017	15,159	0%	Mandatory	5,277 (4,204 homes)	0	0	0 / 4

Current Situation

- The fire began August 11, 2017 and is threatening communities around the areas of Driftwood Acres and Lakedale, 11 north-northwest of Cle Elum (pop 1,872), WA
- Threatening 4,204 homes, Kittias PUD Substation and power lines, small businesses, light manufacturing, recreational area, watershed, and fishing lake and streams
- Mandatory evacuations are in effect for approximately 1,000 people

Response

- WA Governor declared State of Emergency for all counties due to fire danger
- WA EOC at Partial Activation (wildfires)
- Bothell MOC remains at Steady State
- FMAG was approved on Sept 2, 2017



# La Tuna Fire – CA



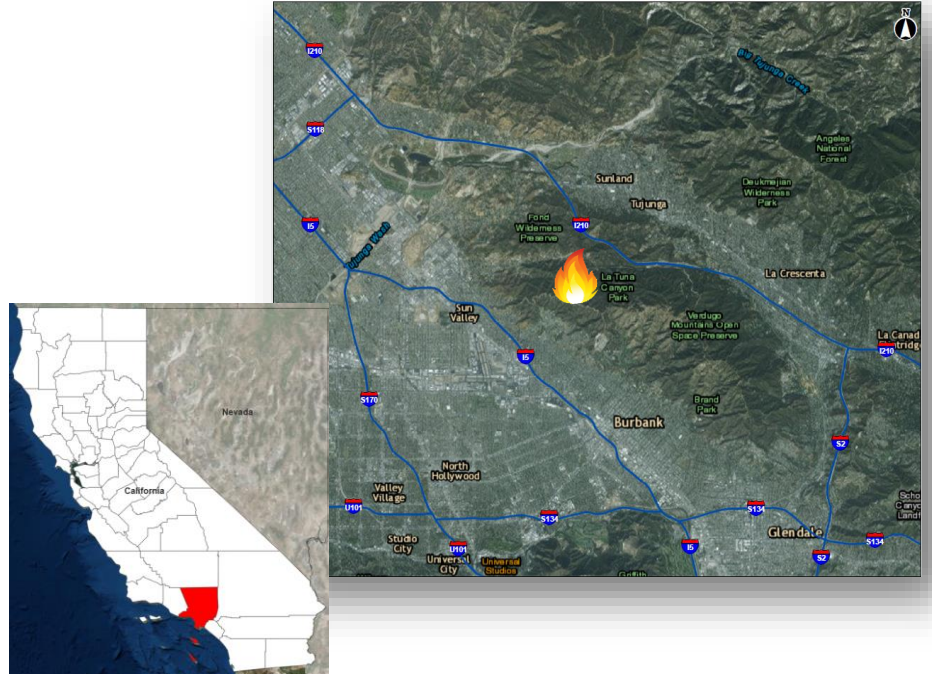
Fire Name (County)	FMAG # / Approved	Acres burned	Percent Contained	Evacuations (Residents)	Structures			Fatalities / Injuries
					Threatened	Damaged	Destroyed	
La Tuna (Los Angeles County)	XXXX-FM-CA Sept 2 ,2017	5,500	10%	Mandatory	1,376 (1,300 homes)	1 home	3 homes	0 / 0

Current Situation

- Fire began September 1, 2017 and is burning near the cities of Tujunga and Burbank (combined pop 167k)
- Threatening 1,300 homes, businesses, multiple power lines, and drinking water reservoir
- Mandatory evacuations in effect for 200 people, with potential for additional evacuations of 1,000 people
- 7 shelters open statewide with 51 occupants (ARC Midnight shelter count as of 7:40 am EDT)
- Portions of Interstate 210 are closed

Response

- CA EOC at Normal Operations
- Region IX RWC remains at Steady State
- FMAG was approved on Sept 2, 2017





# Railroad Fire – CA



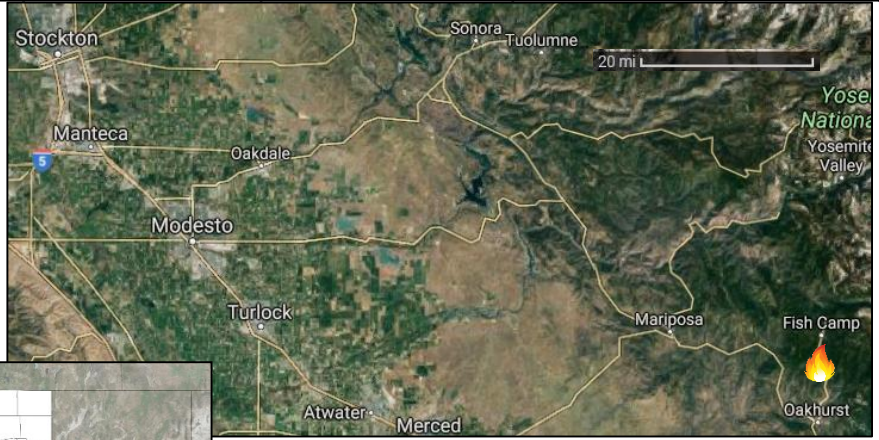
Fire Name (County)	FMAG # / Approved	Acres burned	Percent Contained	Evacuations (Residents)	Structures			Fatalities / Injuries
					Threatened	Damaged	Destroyed	
Railroad (Madera & Mariposa counties)	XXXX-FM-CA Sept 2 ,2017	5,414	15%	Mandatory	211 (200 homes)	0	7 homes	0 / 0

Current Situation

- Fire began August 29, 2017 and is threatening the communities of Fish Camp, Sugar Pine, and Cedar Valley (pop 659)
- Threatening 200 homes, multiple power lines, and a drinking water reservoir
- Mandatory evacuations are in effect for approximately 500 people
- 7 shelters open statewide with 51 occupants (ARC Midnight shelter count as of 7:40 am EDT)

Response

- CA EOC at Normal Operations
- Region IX RWC remains at Steady State
- FMAG was approved on Sept 2, 2017



# Wildfire Summary



Fire Name (County)	FMAG # (Approved Date)	Acres Burned	Percent Contained	Evacuations (Residents)	Structures			Fatalities / Injuries
					Threatened	Damaged	Destroyed	
<b>California (3)</b>								
Helena (Trinity)	5199-FM-CA Sept 1 ,2017	6,812	6% (+6)	Mandatory	5,250 (4,000 homes)	8 (4 homes)	133 (72 homes)	0 / 0
La Tuna (Los Angeles)	XXXX-FM-CA Sept 2 ,2017	5,500	10%	Mandatory	1,376 (1,300 homes)	1 home	3 homes	0 / 0
Railroad (Madera & Mariposa)	XXXX-FM-CA Sept 2 ,2017	5,414	15%	Mandatory	211 (200 homes)	0	7 homes	0 / 0
<b>Oregon (1)</b>								
Chetco Bar (Curry)	5198-FM-OR August 20,2017	142,857 (+4,645)	10%	Mandatory	12,286 (8,523 homes)	9 (1 home)	26 (6 homes)	0 / 3
<b>Washington (1)</b>								
Jolly Mountain (Kittitas)	XXXX-FM-WA Sept 2 ,2017	15,159	0%	Mandatory	5,277 (4,204 homes)	0	0	0 / 4

# Joint Preliminary Damage Assessments



Region	State / Location	Event	IA/PA	Number of Counties		Start – End
				Requested	Completed	
V	IL	Severe Storms and Flooding July 11-27, 2017	IA	0	0	N/A
			PA	4	0	Aug 28 – TBD
VI	NM	Severe Storms August 3, 2017	IA	0	0	N/A
			PA	1	0	Sep 6 – TBD

# Disaster Requests & Declarations



FEMA

Declaration Requests in Process					Requests APPROVED (since last report)	Requests DENIED (since last report)
<b>8</b>	<b>IA</b>	<b>PA</b>	<b>HM</b>	<b>Requested</b>	<b>0</b>	<b>0</b>
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, and Mudslides		X	X	August 23, 2017		
ND – DR Severe Storms		X	X	August 28, 2017		
IL – DR Severe Storms and Flooding	X		X	August 31, 2017		
NY – DR Severe Storms, Tornadoes, and Flooding	X	X	X	August 31, 2017		
KS – DR Severe Storms, Straight-line Winds, and Flooding		X	X	September 1, 2017		

# Disaster Amendments



Amendment	Effective Date	Action
Amendment No. 4 to FEMA-4332-DR-TX	September 2, 2017	Amends cost sharing arrangements

# Readiness – Deployable Teams and Assets



Resource	Force Strength	Available	Deployed	Other	Cadres with 25% or less availability
<b>Total Workforce</b>	10,944 ▲	2,574 23% ▼	6,338 ▲	2,032	Environmental Historical Preservation 22% (69/312), Logistics 6% (66/1,098), Disability Integration 14% (17/121), Disaster Survivor Assistance 8% (66/825), Finance 24% (71/291), Human Resources 23% (59/254), Individual Assistance 20% (440/2,256), Information Technology 7% (42/614), Safety 20% (12/60), Security 16% (16/97)
<b>National IMATs*</b> (1-2 Teams)	East 1:	<b>Deployed</b>			
	East 2:	<b>B-2</b>			
West:	<b>Deployed</b>				
<b>Regional IMATs</b> (0-3 Teams)	Assigned:	<b>13</b>			
	Available:	<b>2</b>			
	PMC / NMC:	<b>0</b>			
<b>US&amp;R</b> (≤ 33%)	Assigned:	<b>28</b>			
	Available:	<b>0</b>			
	PMC / NMC:	<b>13</b>			
<b>MERS</b> (≤ 66%)	Assigned:	<b>36</b>			
	Available:	<b>10</b>			
	NMC:	<b>0</b>			
<b>FCO</b> (≤ 1 Type I)	Assigned:	<b>36</b>			
	Available:	<b>6</b>			
	PMC / NMC:	<b>1</b>			
<b>FDRC</b>	Assigned:	<b>11</b>			
	Available:	<b>4</b>			
	PMC / NMC:	<b>0</b>			
	Deployed:	<b>7</b>			

**Field Offices** ★  
**JFOs: 19**  
**DRs: 30**  
**EMs: 1**  
**Deployed Teams (Location)**

**4330-DR-VT**  
 JFO: Montpellier, VT  
 FCO: Mark H. Landry  
**R-I IMAT (VT EOC)**

**4316-DR-NH**  
**4329-DR-NH**  
 VIFO: Maynard, MA  
 FCO: Albert Lewis

**4322-DR-NY**  
 JFO: Albany, NY  
 FCO: Seamus K. Leary

**4331-DR-WV**  
 JFO: Charleston, WV  
 FCO: Steven S. Ward  
**R-III IMAT (JFO)**  
**Frederick MERS (JFO)**

**4285-DR-NC**  
 JFO: Durham, NC  
 FCO: Elizabeth Turner

As of 3:00 a.m. EDT September 3, 2017

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

# FEMA Readiness – Activation Teams



Resource	Status	Total	Status	Activated Team	Activation Level	Activation Times	Reason/Comments
NWC		5	Not Activated				
NRCC		2	Activated	Gold	Level I	24/7	Tropical Cyclone Harvey
HLT		1	Activated				Hurricane Season
RWCs/MOCs		10	Not Activated				
RRCCs		10	Activated	Region VI Region II	Level I Level II	24/7 24/7	Tropical Cyclone Harvey Tropical Cyclone Irma

**Back-up Regions: IV and V**



# 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.**