

# Significant Activity – May 10-11



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## **Significant Events:**

- Kīlauea eruption

## **Tropical Activity:**

- Eastern Pacific – Tropical Depression One-E
- Western Pacific – Invest 97W

## **Significant Weather:**

- Severe thunderstorms possible – Central Plains
- Critical and elevated fire weather and dry thunderstorms – Southwest to Central Great Basin and Southern/Central Plains
- Red Flag Warnings – CA, AZ, NM, TX, CO, OK, KS, ME & NH
- Space Weather – Past 24 hours: None; next 24 hours: None

**Earthquake Activity:** No significant activity

**Declaration Activity:** Major Disaster Declaration Request – Hawaii

# Kīlauea Eruption – Hawai'i County, HI



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## Situation

Fifteen fissure vents have formed in and around the Leilani estates subdivision. Small earthquakes continue in the southern coast of the Big Island and activity has more than doubled over the last 48 hours with a slight increase in magnitude. No major damages to critical infrastructure have occurred as a result of these earthquakes.

## Impacts

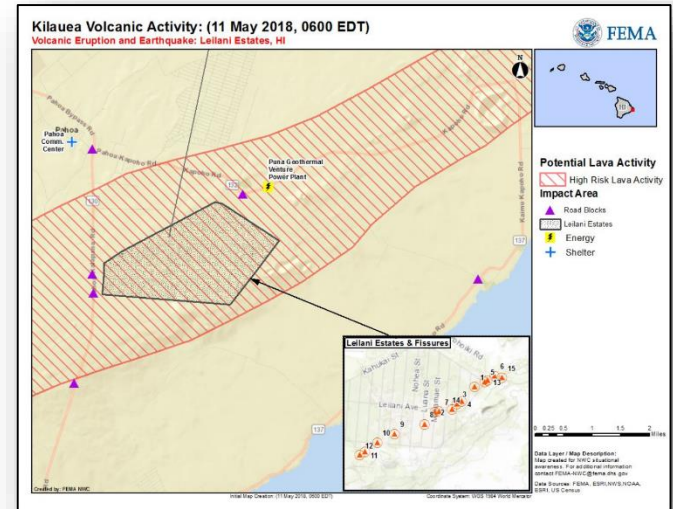
- **Evacuations:** 1,775 residents of Leilani Estates & Lanipuna Gardens (835 homes) under mandatory evacuation; Leilani Estates residents allowed limited reentry
- **Shelters:** 2 shelters / 186 (-44) occupants (*ARC Midnight Shelter Count, 5:56 a.m. EDT*)
- **Damage:** 36 structures (27 homes) affected
- Portions of Highway 130, Pahoia-Pahoiki Road, and [Alaili Road](#) closed
- Puna Geothermal Venture (PGV) Power Plant **removed all pentane fuel from facility**
- Water supply to lower Puna shut down; a 50% “restricted use” in effect for lower Puna (pop 3,500); for public use, water spigots were installed near entrance to Lava Tree State Park and a water truck has been positioned near mailboxes
- FAA extended Temporary Flight Restriction through May 15

## State / Local Response

- HI EOC at Partial Activation (days only)
- Governor declared a State of Emergency & activated HI National Guard
- [Governor requested a Major Disaster Declaration on May 9, 2018](#)

## FEMA Response

- FEMA Region IX RWC & Pacific Area Watch at Steady State; continue to monitor
- Four FEMA Region IX LNOs deployed to HI EOC & Hawai'i County Civil Defense
- National IMAT East-1 deployed to HI-EMA (O'ahu) & [Hawai'i County, HI](#)
- Portions of National IMAT East-2 & Region IX personnel deployed to HI-EMA (O'ahu)
- FEMA NWC is monitoring



# Tropical Outlook – Eastern Pacific



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

- Located 1,420 miles WSW of the southern tip of Baja California, Mexico
- Moving west at 10 mph
- Maximum sustained winds 35 mph
- Depression forecast to degenerate into a remnant low by tonight or early Saturday



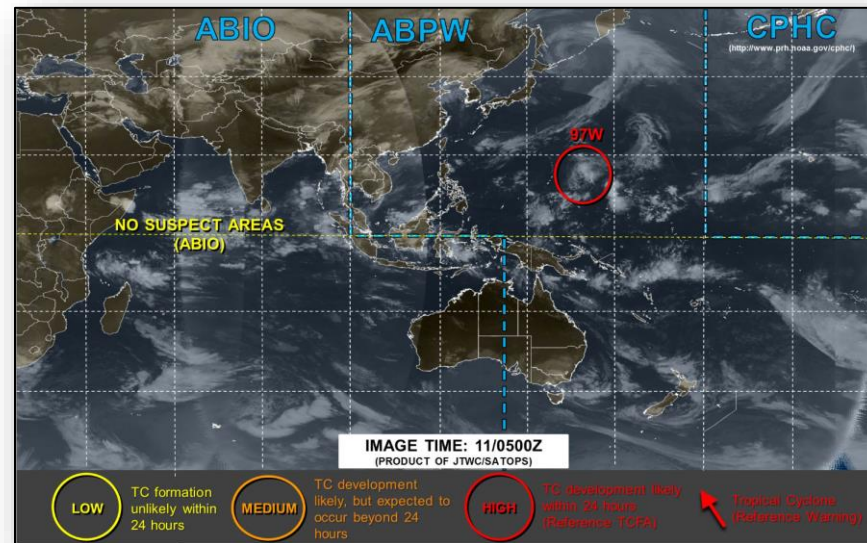
# Tropical Outlook – Western Pacific



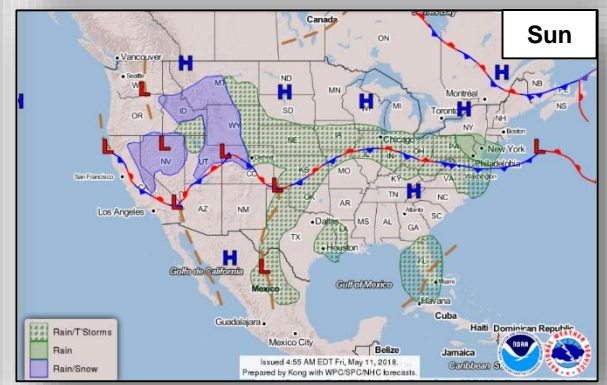
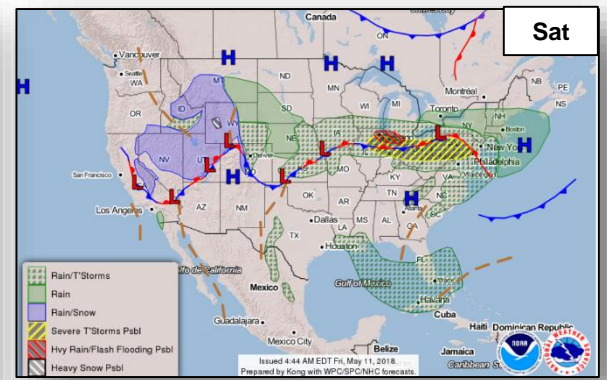
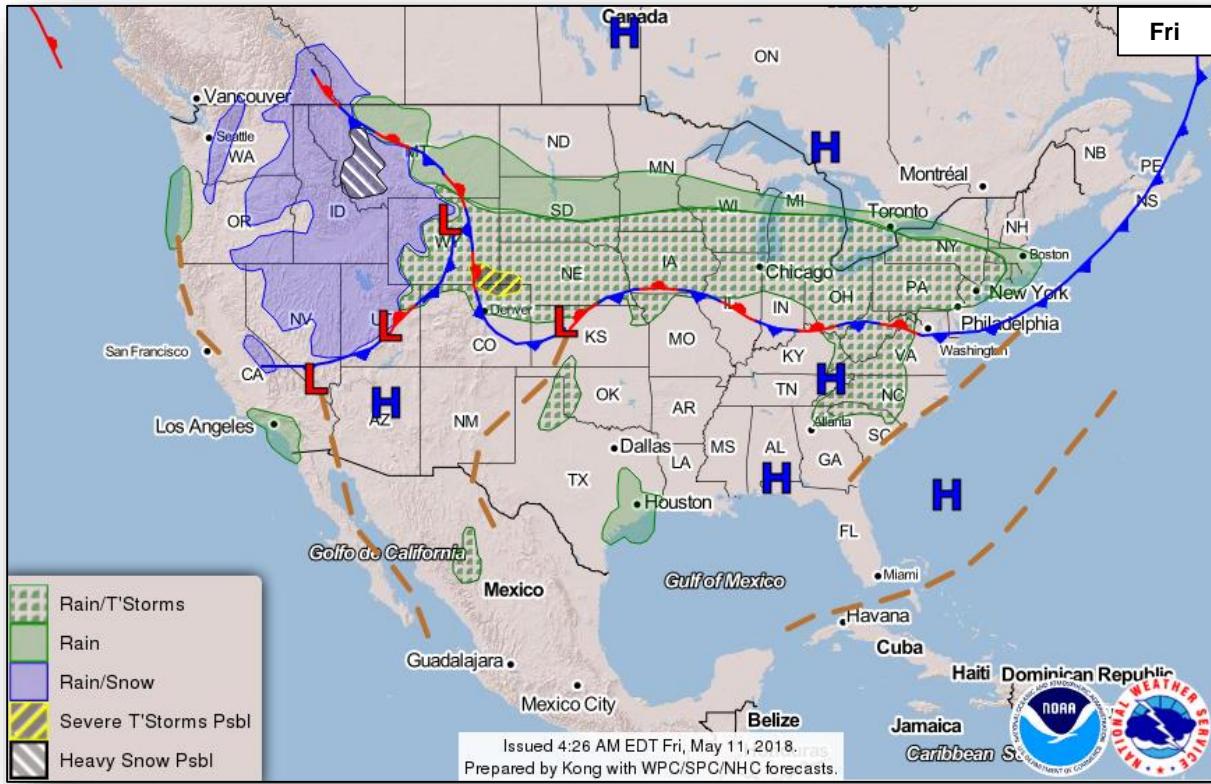
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Invest 97W (As of 5:30 p.m. EDT, May 10)

- Located 522 miles ENE of Andersen Air Base, Guam
- Maximum sustained winds 21-26 mph
- Development of a tropical cyclone within the next 24 hours is High



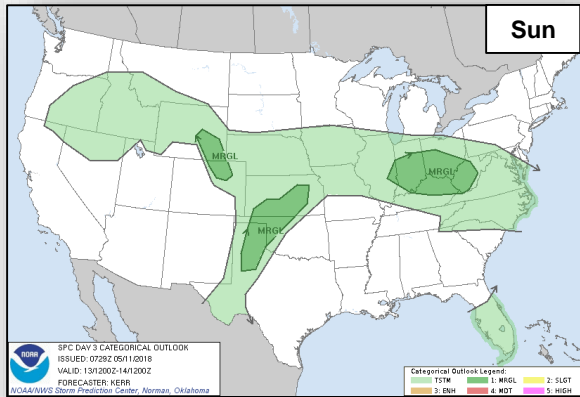
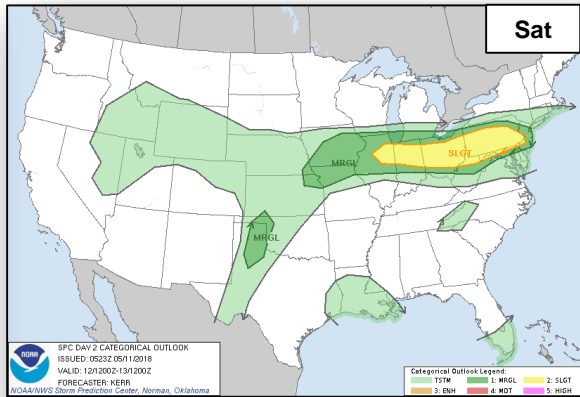
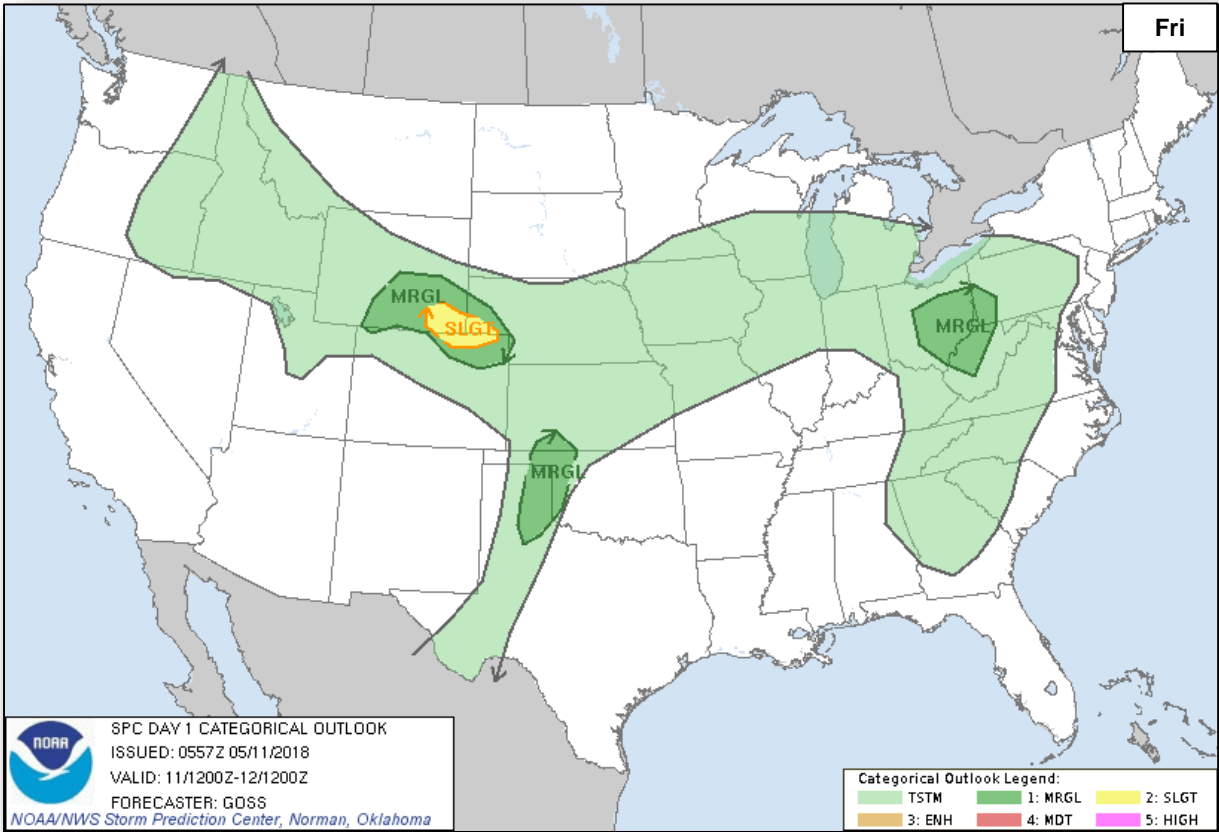
# National Weather Forecast



# Severe Weather Outlook



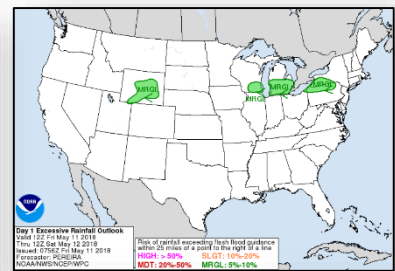
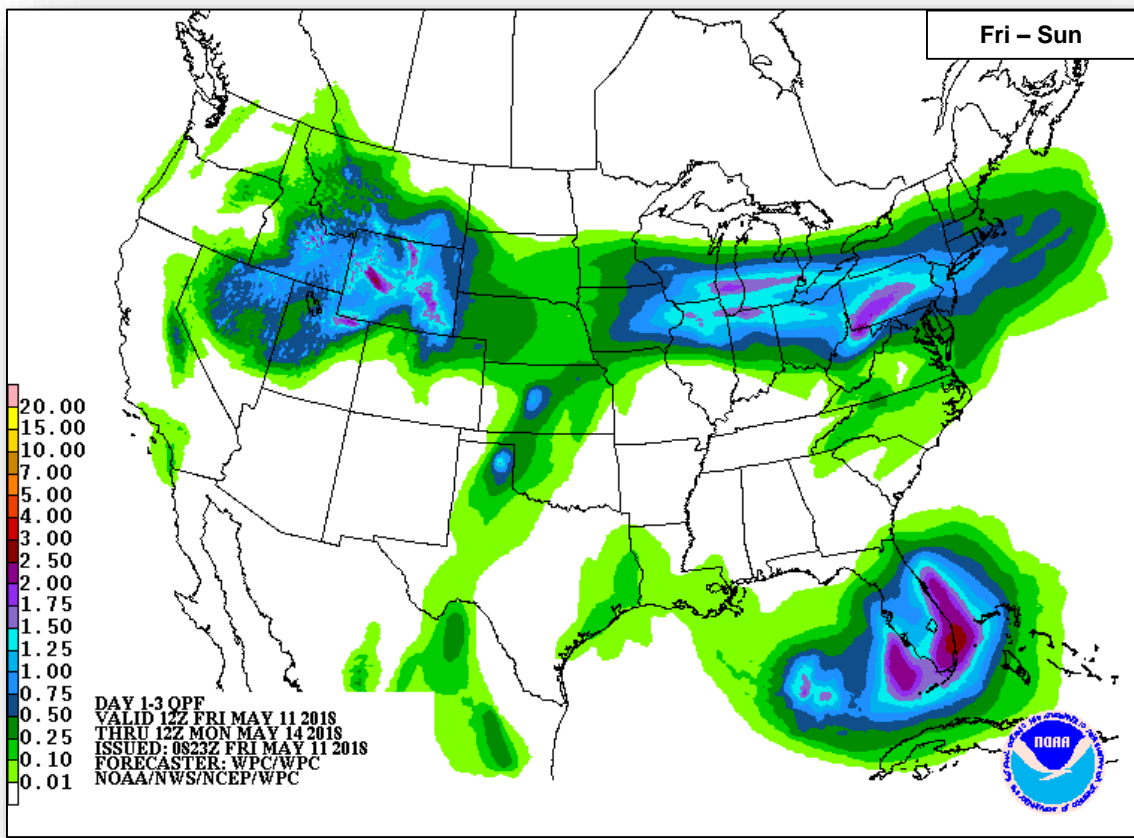
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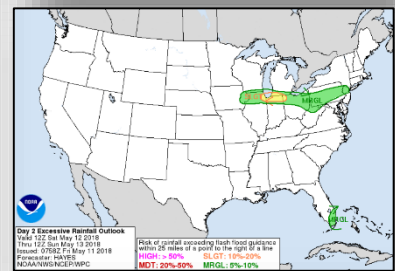
# Precipitation / Excessive Rainfall Forecast



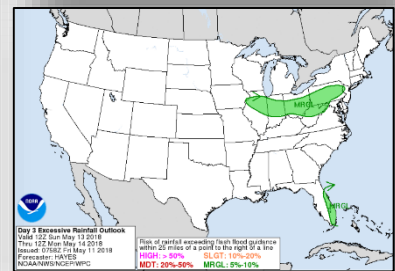
FEMA



Fri



Sat

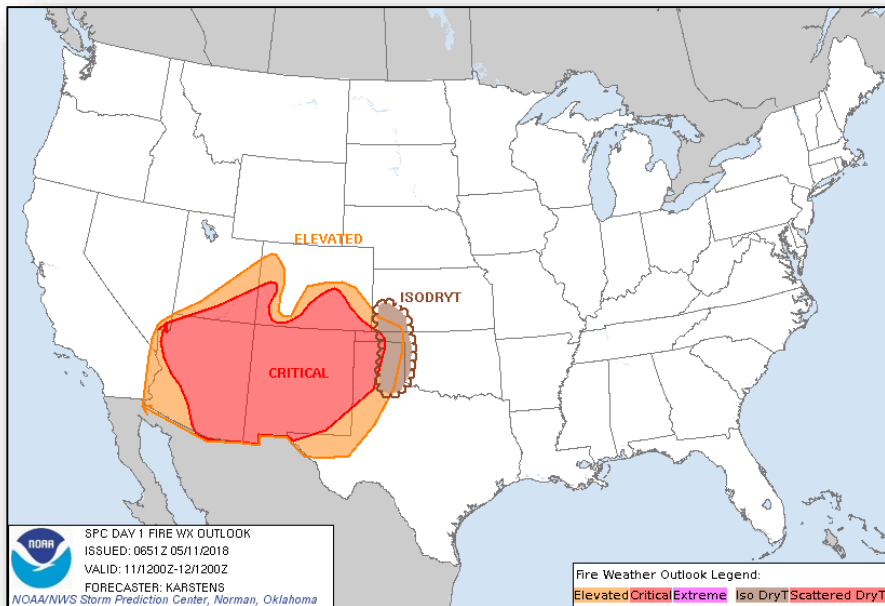


Sun

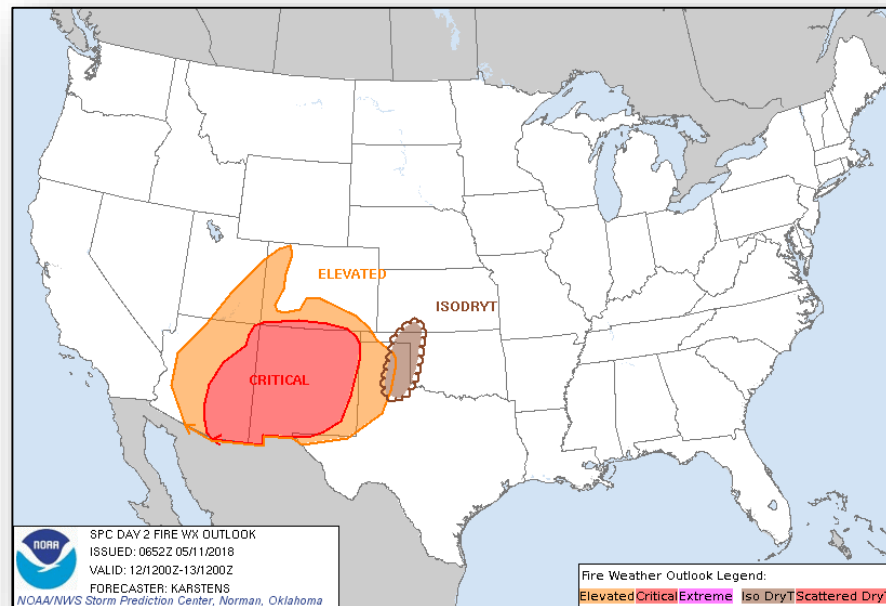
# Fire Weather Outlook



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Friday



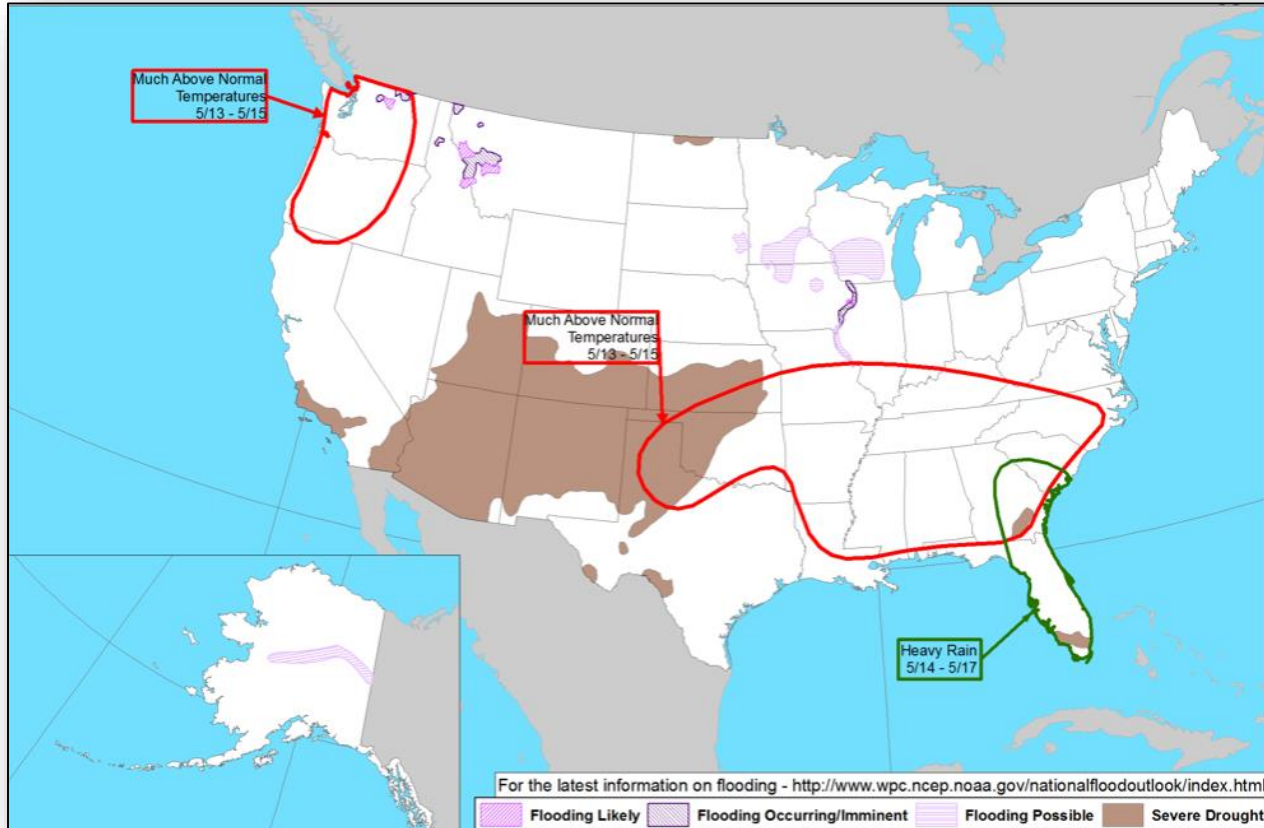
Saturday



# Hazards Outlook – May 13-17



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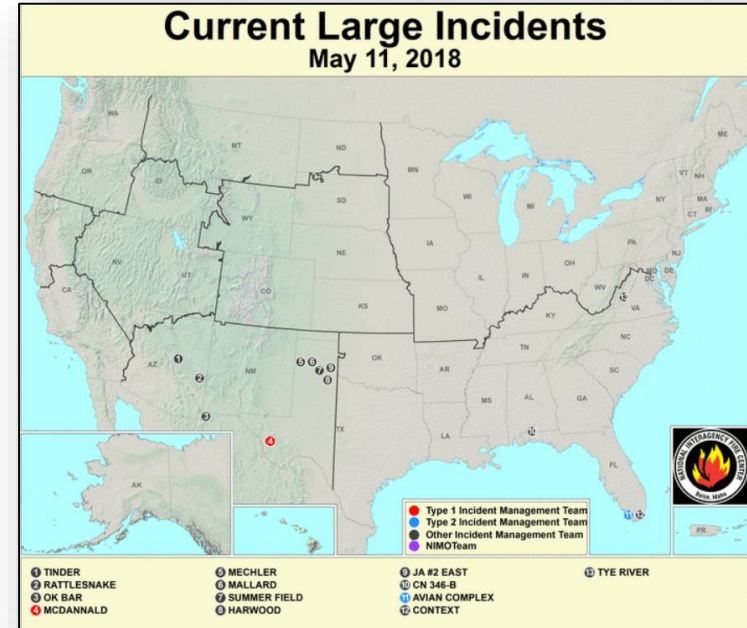
# National Fire Activity



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## National Preparedness Level: 2

Initial attack activity	Light (114 new fires)
New large fires	5
Large fires contained	1
Uncontained large fires	7
NIMOs committed	0
Type 1 IMTs committed	1
Type 2 IMTs committed	1



**National Preparedness Level 2:** Several Geographic Areas are experiencing high to extreme fire danger. Wildland fire activity is increasing, and large fire are occurring in one or more Geographic Areas. Minimal mobilization of resources from other Geographic Areas is occurring. There is moderate commitment of National Resources with the potential to mobilize additional resources from other Geographic Areas.

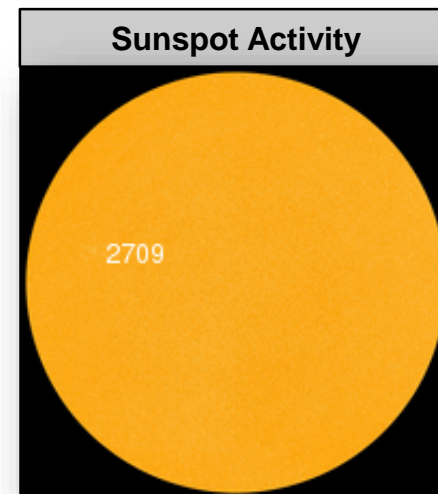
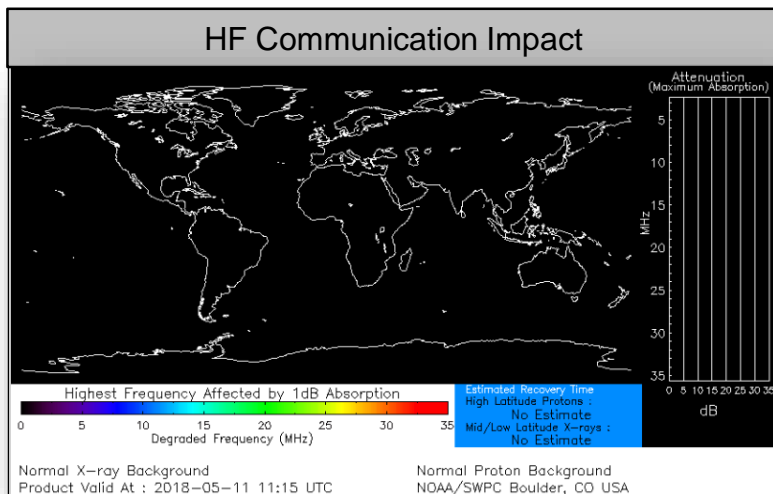
# Space Weather



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	Space Weather Activity	Geomagnetic Storms	Solar Radiation	Radio Blackouts
Past 24 Hours	None	None	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>



# Joint Preliminary Damage Assessments



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Region	State / Location	Event	IA / PA	Number of Counties		Start – End
				Requested	Completed	
I	NH	Snow March 13-14, 2018	IA	0	0	N/A
			PA	3	0	3/29 – TBD
	MA	Snow March 13-14, 2018	IA	0	0	N/A
			PA	5	0	4/25 – TBD
	VT	Severe Storm and Wind May 4-5, 2018	IA	0	0	N/A
			PA	6	0	5/14 – TBD
VII	NE	Winter Storm April 13-18, 2018	IA	0	0	N/A
			PA	34	16	4/30 – TBD

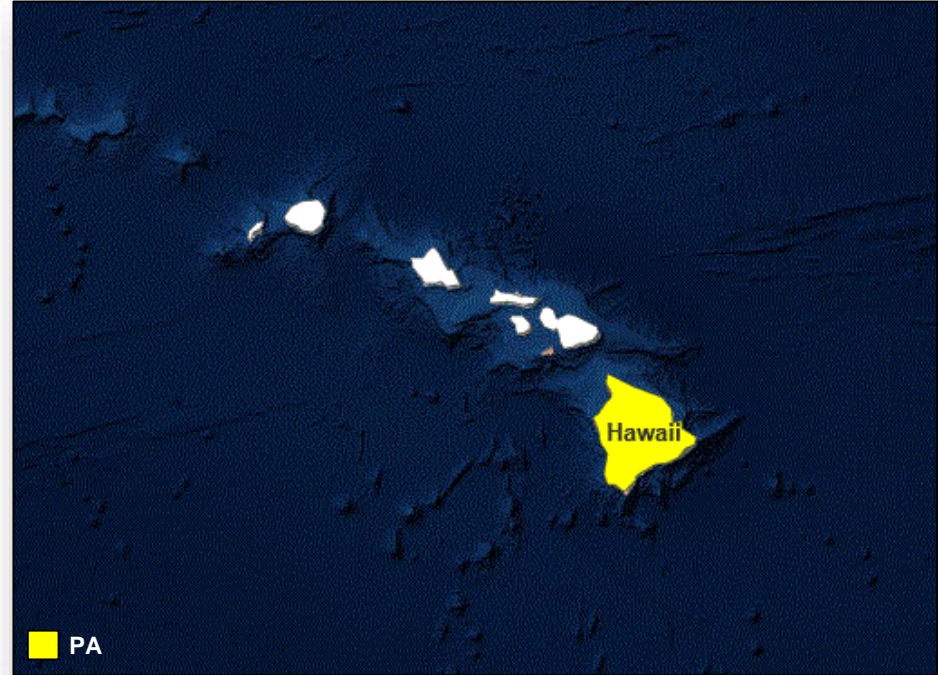
# Declaration Request



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## Hawaii

- On May 9, 2018, the Governor requested a Major Disaster Declaration for the State of Hawaii
- For earthquakes and volcanic eruption that occurred May 1, 2018 & continuing
- Requesting:
  - Public Assistance, including direct Federal assistance, for Hawai'i County
  - Hazard Mitigation statewide



# Disaster Requests and Declarations



FEMA

Declaration Requests in Process					Requests APPROVED (since last report)	Requests DENIED (since last report)
<b>6</b>	IA	PA	HM	Date Requested	<b>0</b>	<b>0</b>
AK – DR Severe Storm		X	X	January 25, 2018		
ME – DR Severe Storms and Flooding		X	X	March 30, 2018		
NH – DR Severe Storms and Flooding		X	X	April 5, 2018		
MA – DR Severe Winter Storm		X	X	April 30, 2018		
NJ – DR Severe Winter Storm and Snowstorm		X	X	May 7, 2018		
HI – DR Earthquakes and Volcanic Eruption		X	X	May 9, 2018		

# Readiness – Deployable Teams and Assets



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Resource	Force Strength	Available	Deployed	Other	Cadres with 25% or Less Availability		
<b>Total Workforce</b>	11,988 ▲	3,732 ▲ 31%	4,618 ▼	3,638	DI 19% (20/106); EHP 8% (27/359); ER 16% (6/38); HM 21% (207/989); IT 22% (136/613); NDRS 21% (56/262); PA 11% (217/1,918); PLAN 25% (95/376); SAF 20% (12/59); SEC 2% (2/105)		
<b>National IMATs*</b> (1-2 Teams)	East 1: East 2: West:	<b>Deployed</b> <b>Charlie</b> <b>B-2</b>			<b>4354-DR-WI</b> FCO: Janet M. Odeshoo <b>4360-DR-OH</b> FCO: Steve Johnson (OH EOC) VJFO: Chicago, IL <b>R-V IMAT (IN EOC)</b> Denver MERS	<b>4365-DR-IN</b> FCO: David Samaniego JFO: TBD <b>R-V IMAT (IN EOC)</b> Denver MERS <b>4359-DR-WV</b> FCO: Steve Ward JFO: TBD <b>4358-DR-NY</b> FCO: Seamus K. Leary JFO: Albany, NY	<b>Field Offices</b> ★ JFOs: 16 DRs: 38 EMs: 2 Deployed Teams (Location)
<b>Regional IMATs</b> (4-6 Teams)	Assigned: Available: PMC / NMC: Deployed:	<b>13</b> <b>4</b> <b>2</b> <b>7</b>		<b>4351-DR-AK</b> VJFO: Anchorage, AK <b>4342-DR-ID</b> VJFO: Bothell, WA FCO: Thomas J. Dargan			
<b>US&amp;R</b> (≥66%)	Assigned: Available: PMC / NMC: Deployed:	<b>28</b> <b>28</b> <b>0</b> <b>0</b>		<b>4344-DR-CA*</b> <b>4353-DR-CA</b> FCO: William Roche JFO: Sacramento, CA <b>*R-IX IMAT-1 (JFO)</b>		<b>4330-DR-VT</b> <b>4316-DR-NH</b> <b>4329-DR-NH</b> VJFO: Maynard, MA <b>4354-DR-ME*</b> <b>4355-DR-NH*</b> <b>4356-DR-VT</b> JFO: Manchester, NH FCO: James N. Russo <b>*R-1 IMAT (JFO)</b> Maynard MERS (Frederick, MD)	
<b>MERS</b> (≥66%)	Assigned: Available: NMC: Deployed:	<b>36</b> <b>33</b> <b>0</b> <b>3</b>		<b>4365-DR-HI</b> FCO: Dolph A. Diemont JFO: TBD		<b>4364-DR-NC</b> FCO: Elizabeth Turner JFO: TBD <b>4346-DR-SC</b> FCO: Robert D. Samaan <b>4349-DR-AL - Closing May 24</b> FCO: Warren J. Riley <b>4350-DR-MS</b> <b>4358-DR-KY*</b> <b>4361-DR-KY*</b> FCO: Manny J. Toro VJFO: Atlanta, GA (R-IV HQ) <b>4338-DR-GA</b> FCO: Thomas J. McCool JFO: Atlanta, GA (DC Atlanta) <b>*R-IV IMAT-1 (KY EOC)</b>	
<b>FCO</b> (=2 Type I)	Assigned: Available: PMC / NMC: Deployed:	<b>34</b> <b>5</b> <b>2</b> <b>27</b>		<b>4365-DR-HI</b> FCO: Dolph A. Diemont JFO: TBD <b>Kilauea Eruption</b> N-IMAT East 1 (HI EMA)	<b>4334-DR-IA</b> FCO: Keith D. DuPont <b>4317-DR-MO</b> <b>4319-DR-KS</b> <b>4347-DR-KS</b> VJFO: Kansas City, MO FCO: C. Johnson-Cage <b>4332-DR-TX</b> FCO: Kevin L. Hannes JFO: Austin, TX <b>4345-DR-LA</b> <b>4277-DR-LA</b> <b>3392-EM-LA</b> FCO: John E. Long JFO: Baton Rouge, LA <b>LA Recovery Office</b> Baton Rouge, LA Manager: M. Womack	<b>4362-DR-AL</b> JFO: Anniston, AL FCO: Thomas J. McCool <b>R-IV IMAT-2 (AL EOC)</b> Thomasville MERS <b>3395-EM-FL</b> <b>4337-DR-FL</b> <b>4341-DR-STOF</b> FCO: Allan Jarvis JFO: Orlando, FL	
<b>FDRC</b> (≥3)	Assigned: Available: PMC / NMC: Deployed:	<b>14</b> <b>3</b> <b>2</b> <b>9</b>		<b>4357-DR-AS</b> FCO: Benigno Bern Ruiz JFO: Tafuna, AS <b>R-IX IMAT-2 (JFO)</b>		<b>4336-DR-PR</b> <b>4339-DR-PR*</b> FCO: Michael F. Byrne JFO: Guaynabo, PR <b>*R-VI IMAT-1</b> MERS: Bothell, Denton, Denver, Frederick, Maynard <b>4335-DR-USVI</b> <b>4340-DR-USVI</b> FCO: William L. Vogel JFO: St. Croix, USVI	

\* **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



**FEMA**

Status		Activated Team	Activation Level	Activation Times	Reason / Comments
<b>NWC</b> (5 Teams)	Available				
<b>NRCC</b> (2 Teams)	Available				
<b>HLT</b> (1 Team)	Available				
<b>RWC/MOCs</b> (10 Regions)	Steady State				
<b>RRCCs</b> (10 Regions)	Available				

**Backup Regions: VI, II & VII**





# FEMA

**FEMA's mission is helping people before, during, and after disasters.**