

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.



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Daily Operations Briefing

Wednesday, May 16, 2018

8:30 a.m. EDT

Significant Activity – May 15-16



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Significant Events: Kīlauea Volcano eruption

Tropical Activity: Atlantic – Disturbance 1: Low (near 0%)

Significant Weather:

- Flash flooding possible – Mid-Atlantic
- Red Flag Warnings – AZ & NM
- Space Weather – Past 24 hours: None; next 24 hours: Minor, geomagnetic storms reaching G1 level likely

Earthquake Activity: No significant activity

Declaration Activity: None

Kīlauea Eruption – Hawai'i County, HI



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Situation

On May 3, a lava flow broke to the surface in lower Puna on the Big Island of Hawaii. [Twenty](#) fissure vents have formed in and around the Leilani estates subdivision. Air quality in southeast area of Lanipuna Gardens has been rated "condition red" (immediate danger to health) for high levels of sulfur dioxide ([400 to 500 ppm is considered dangerous for even short periods of exposure](#)). HVO increased the Aviation Color Code to RED [due to increased ash emission](#). Volcanic-tectonic seismicity continues.

Impacts

- **Evacuations:** Mandatory evacuations in effect for approximately 2k residents (900 homes)
- **Shelters:** 2 shelters / [243](#) occupants (*ARC Midnight Shelter Count, 5:54 a.m. EDT*)
- **Injuries / Fatalities:** 3 injuries / 0 fatalities
- **Damage:** 36 structures (27 homes) impacted
- **Transportation:**
 - Portions of Highway 130 and 132 and local roads closed due to cracks and lava flows
 - FAA Temporary Flight Restriction extended [through May 26](#) ([ash spewing up to 12,000 feet into the air](#))
- 3 of 5 wells capped at Puna Geothermal Venture

State / Local Response

- HI EOC at Partial Activation (days only)
- Governor declared a State of Emergency & activated HI National Guard
- [County and state assets exhausted and EMAC has been activated for assistance from other states](#)

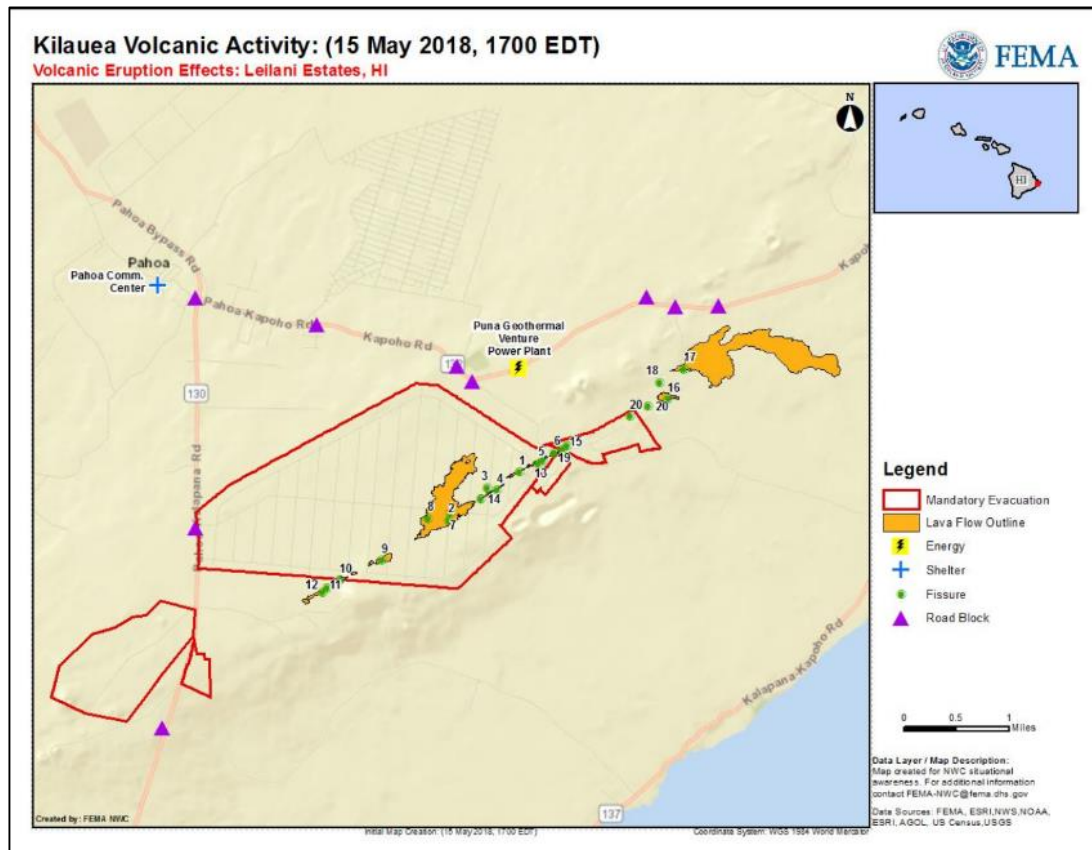
FEMA Response

- Major Disaster Declaration FEMA-4366-DR-HI approved on May 11, 2018
- FEMA Region IX RWC & Pacific Area Watch at Steady State; continue to monitor
- FEMA Region IX LNO deployed to HI EMA EOC (O'ahu)
- National IMAT East-1 & elements of National IMAT East-2 deployed to HI-EMA (Oahu)
- [Bothell MERS deployed to Honolulu](#)
- FEMA NWC continues to monitor

Kīlauea Eruption – Hawai'i County, HI



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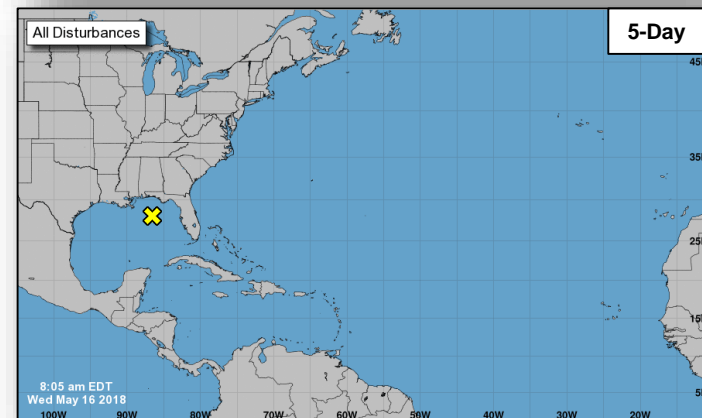
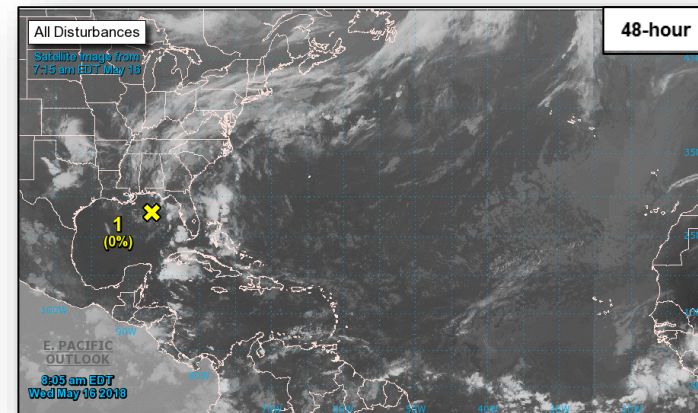
Tropical Outlook – Atlantic



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Disturbance 1 (as of 8:00 a.m. EDT May 16)

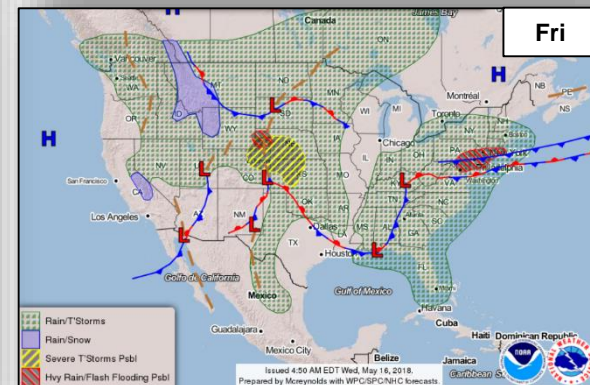
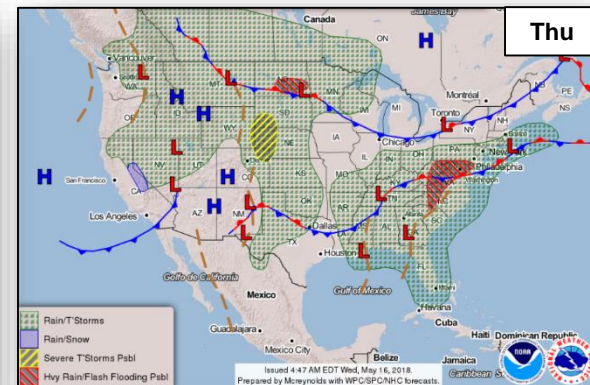
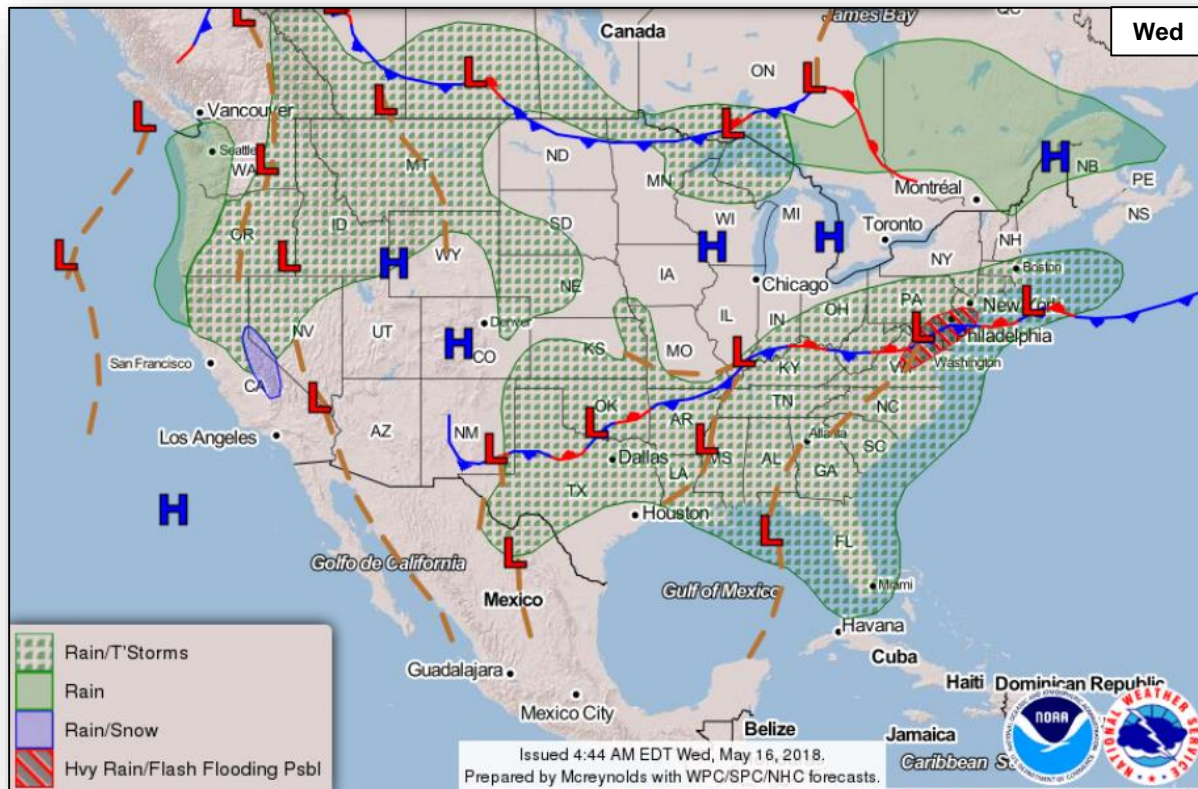
- Located over northeastern Gulf of Mexico
- Forecast to degenerate into a trough of low pressure and tropical cyclone formation is not anticipated
- Formation chance through 48 hours: LOW (near 0%)
- Formation chance through 5 days: LOW (near 0%)



National Weather Forecast



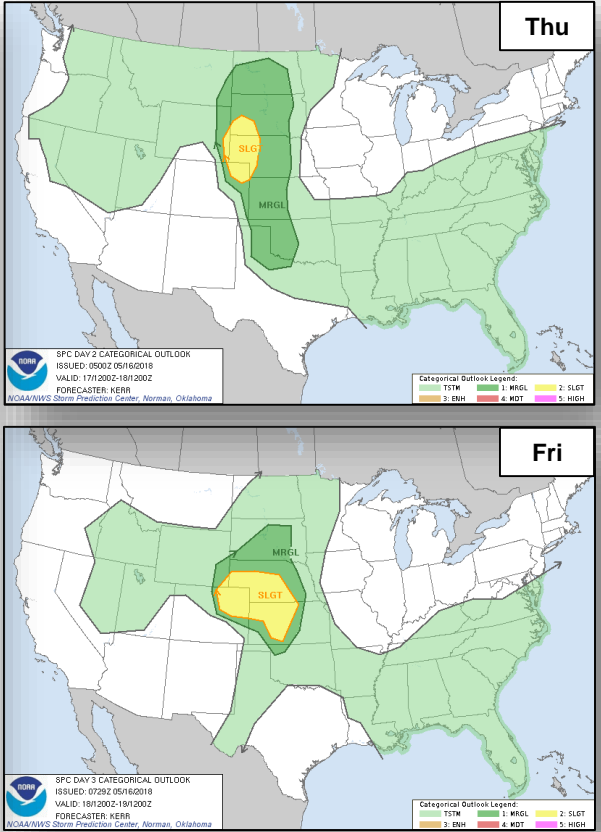
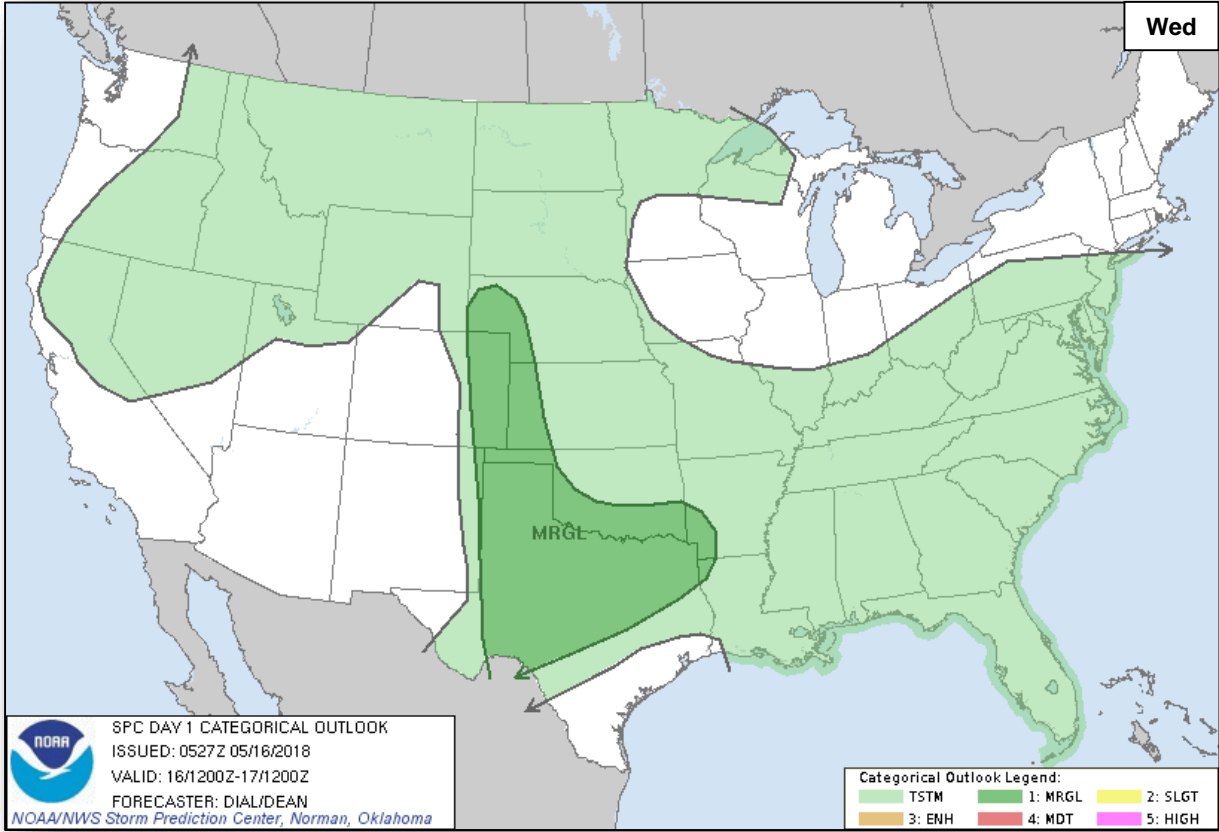
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Severe Weather Outlook



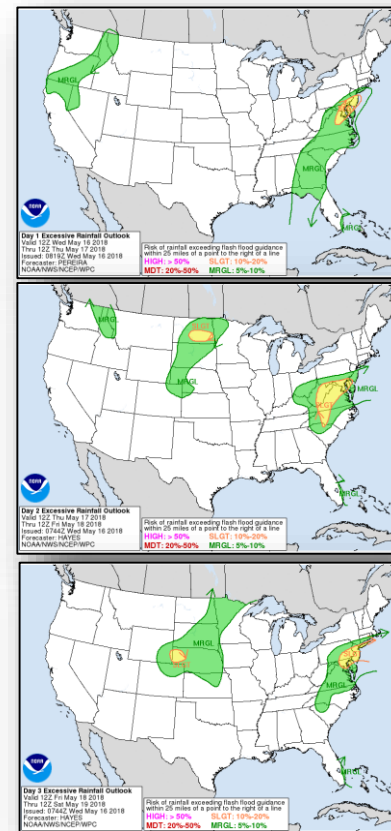
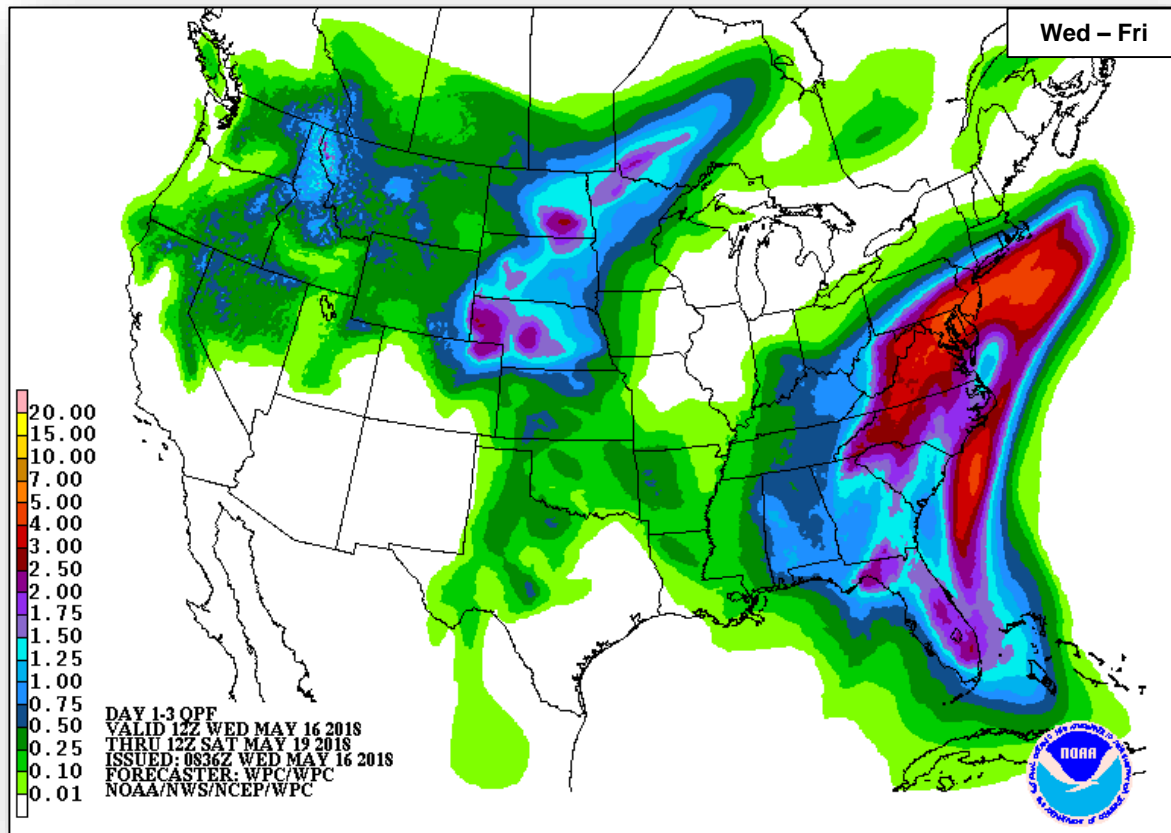
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Precipitation / Excessive Rainfall Forecast



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Wed

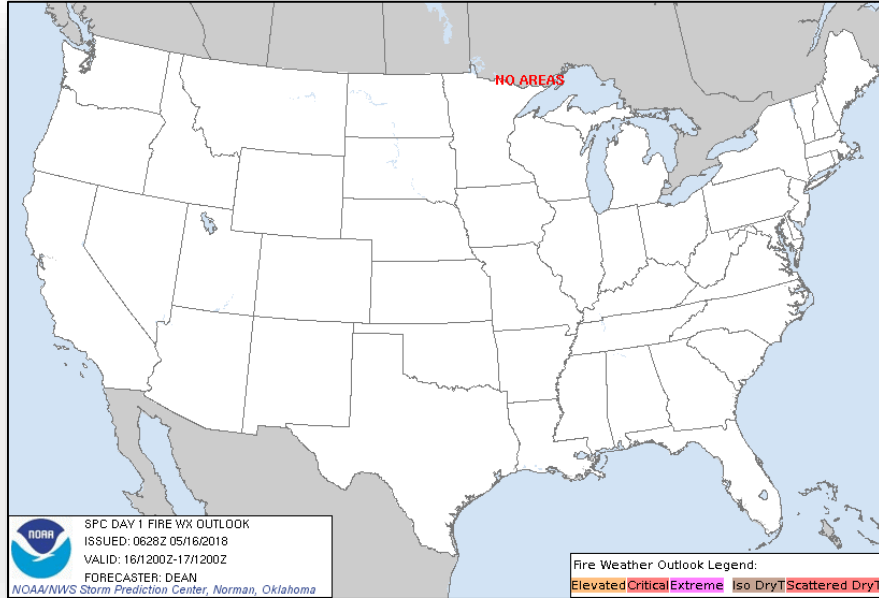
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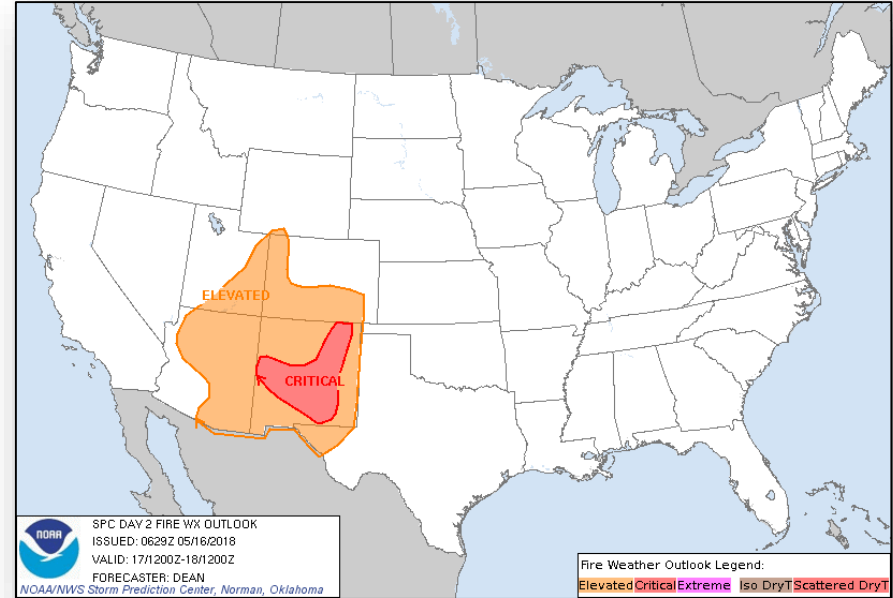
Fire Weather Outlook



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Wednesday

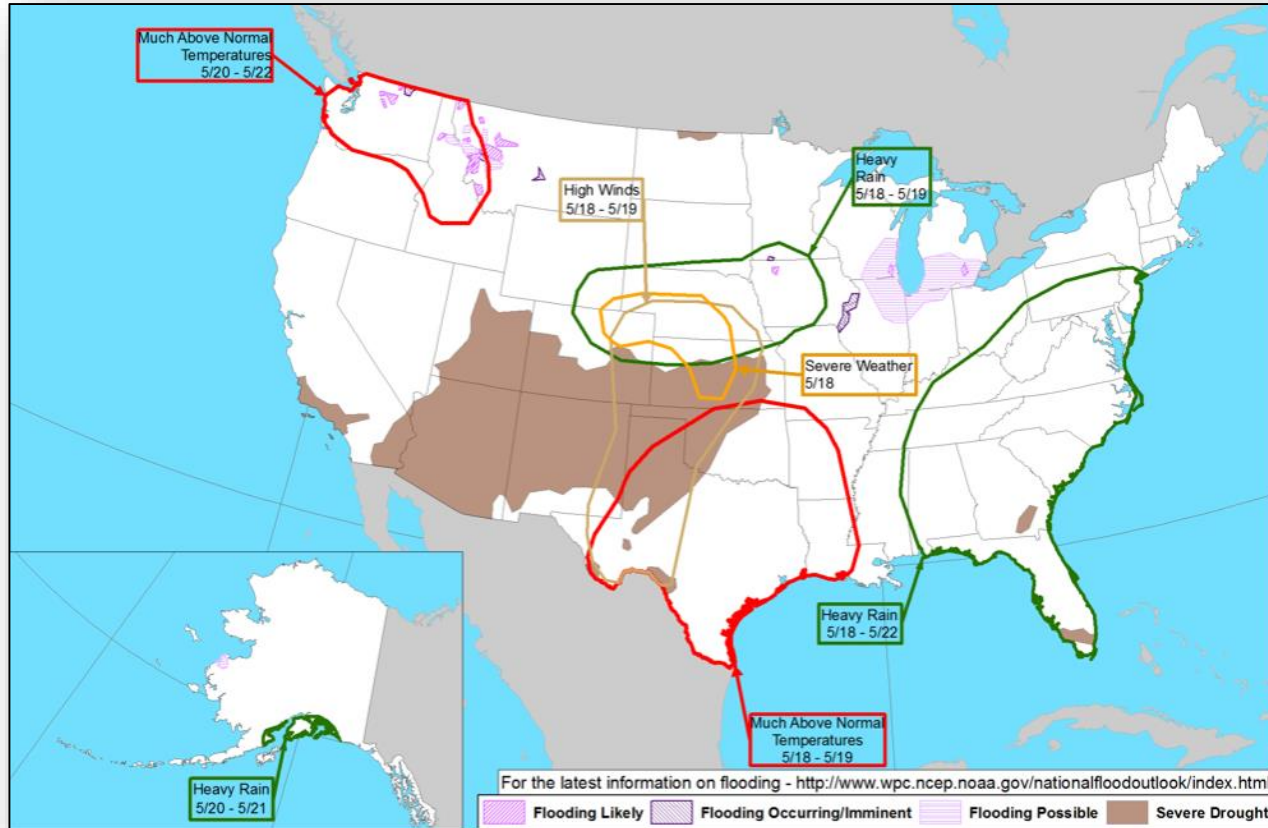


Thursday

Hazards Outlook – May 18-22



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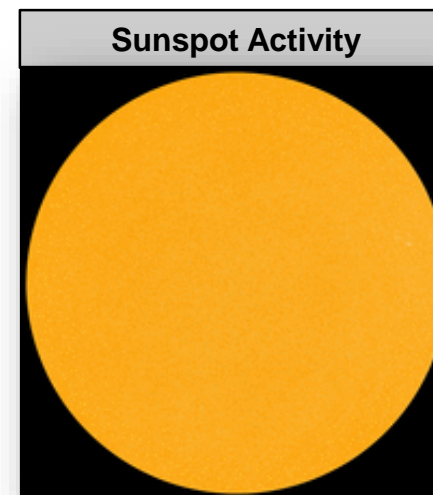
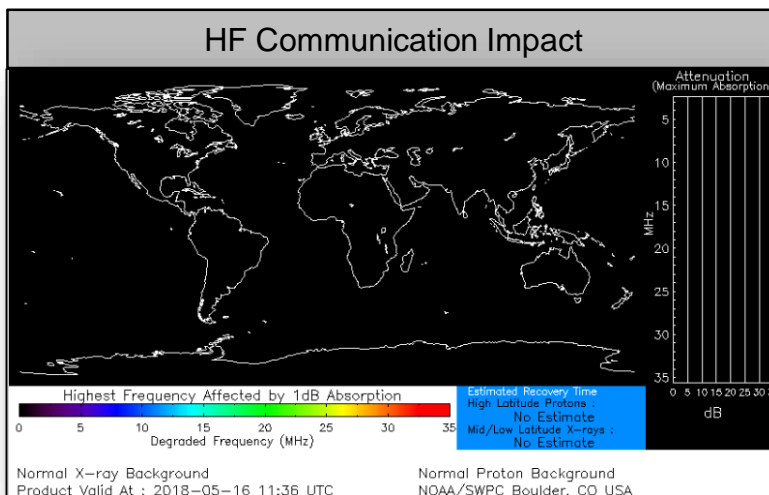


Space Weather



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	Space Weather Activity	Geomagnetic Storms	Solar Radiation	Radio Blackouts
Past 24 Hours	None	None	None	None
Next 24 Hours	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	MA	Snow March 13-14, 2018	IA	0	0	N/A
			PA	5	0	4/25 – TBD
	VT	Heavy Rain and Wind May 4-5, 2018	IA	0	0	N/A
			PA	6	0	5/17 - TBD

Disaster Requests and Declarations



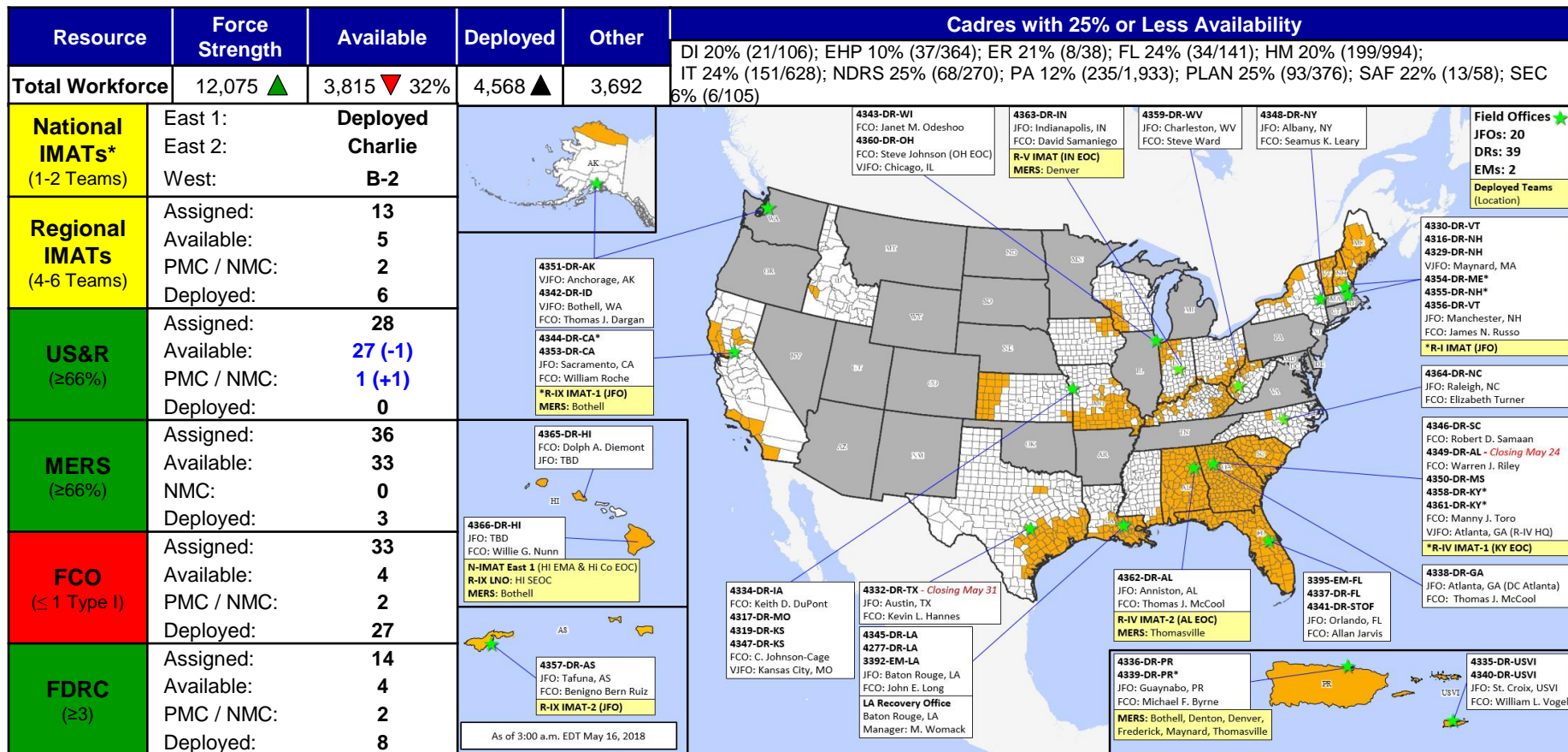
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Declaration Requests in Process					Requests APPROVED (since last report)	Requests DENIED (since last report)
7	IA	PA	HM	Date Requested	0	0
AK – DR Severe Storm		X	X	January 25, 2018		
ME – DR Severe Storms and Flooding		X	X	March 30, 2018		
NH – DR 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		
NH – DR Severe Storms and Snowstorms		X	X	May 10, 2018		
LA – DR Severe Storms, Tornadoes, and Straight-line Winds	X		X	May 12, 2018		

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

FEMA Readiness – Activation Teams



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

Backup Regions: VIII, III, & II



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