

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.



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Daily Operations Briefing

Monday, May 21, 2018

8:30 a.m. EDT

Significant Activity – May 18-21



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Significant Events: Kīlauea Volcano eruption

Tropical Activity: Atlantic - Disturbance 1 – LOW chance (20%)

Significant Weather:

- Slight chance of severe thunderstorms – Ohio Valley
- Flash flooding possible – Southern Plains
- Critical and elevated fire weather – AZ, NM, &T & CO
- Scattered and isolated dry thunderstorms – AZ, NM & CO
- Red Flag Warnings - AZ
- Space Weather – Past 24 hours: none; next 24 hours: none

Earthquake Activity: No significant activity

Declaration Activity: None

Kīlauea Eruption – Hawai'i County, HI



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Situation

Seismic levels, eruption, and ground cracking have been gradually increasing. Several lava flows have merged, and are still actively spattering; volcanic gas emissions have tripled.

Lava entering the ocean is creating “laze” (a portmanteau of ‘lava’ and ‘haze’). Lava vaporizes ocean water, resulting in an acidic plume of hydrochloric acid gas, steam, and tiny volcanic glass particles; may cause skin and eye irritation and breathing difficulties.

[USGS](#) Alert Level: WARNING; Aviation Color Code: RED

Impacts

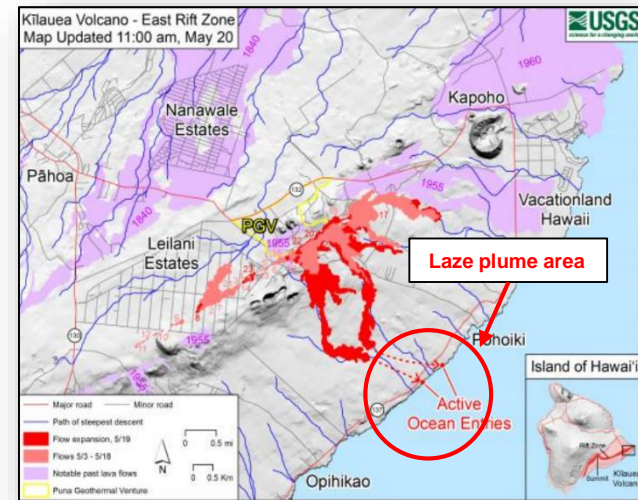
- **Evacuations:** Mandatory for 2k residents; a community of 40 homes isolated by lava flow was evacuated over the weekend
- **Shelters:** 5 (+2) / 118 (+8) (*ARC Midnight Shelter Count, 5:58 a.m. EDT*)
- **Injuries / Fatalities:** 4 injuries / 0 fatalities
- **Damage:** 40 structures (27 homes)
- **Transportation:** FAA Temporary Flight Restriction in effect through May 26

State / Local Response

- HI EOC at Partial Activation (days only)
- Governor declared a State of Emergency and activated HI National Guard

FEMA Response

- Region IX: LNO deployed to HI EOC; RWC and Pacific Area Watch at Steady State
- National IMAT East-1 (with elements of National East-2), and Bothell MERS deployed to HI
- NWC continues to monitor



USGS: [Observatories](#) / [Kilauea Status Report](#)



Photo credit: [Civil Air Patrol](#)

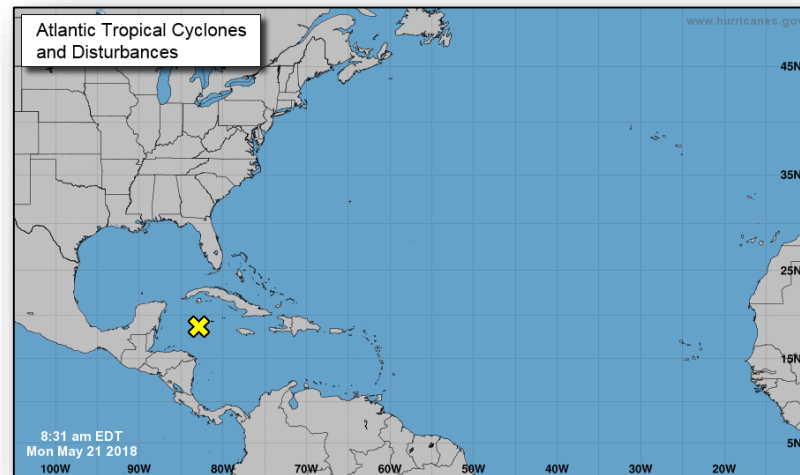
Tropical Outlook – Atlantic



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Disturbance 1 (Advisory #1 as of 8:30 a.m. EDT)

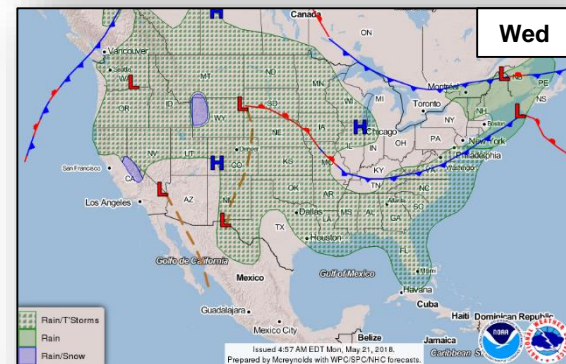
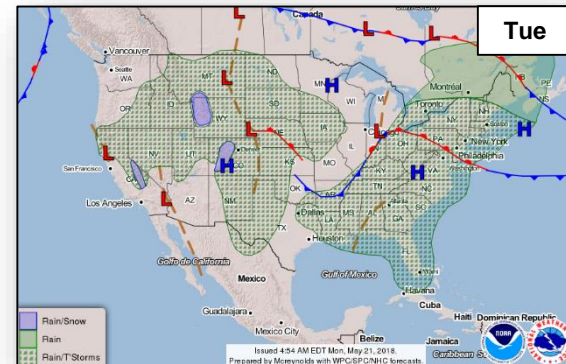
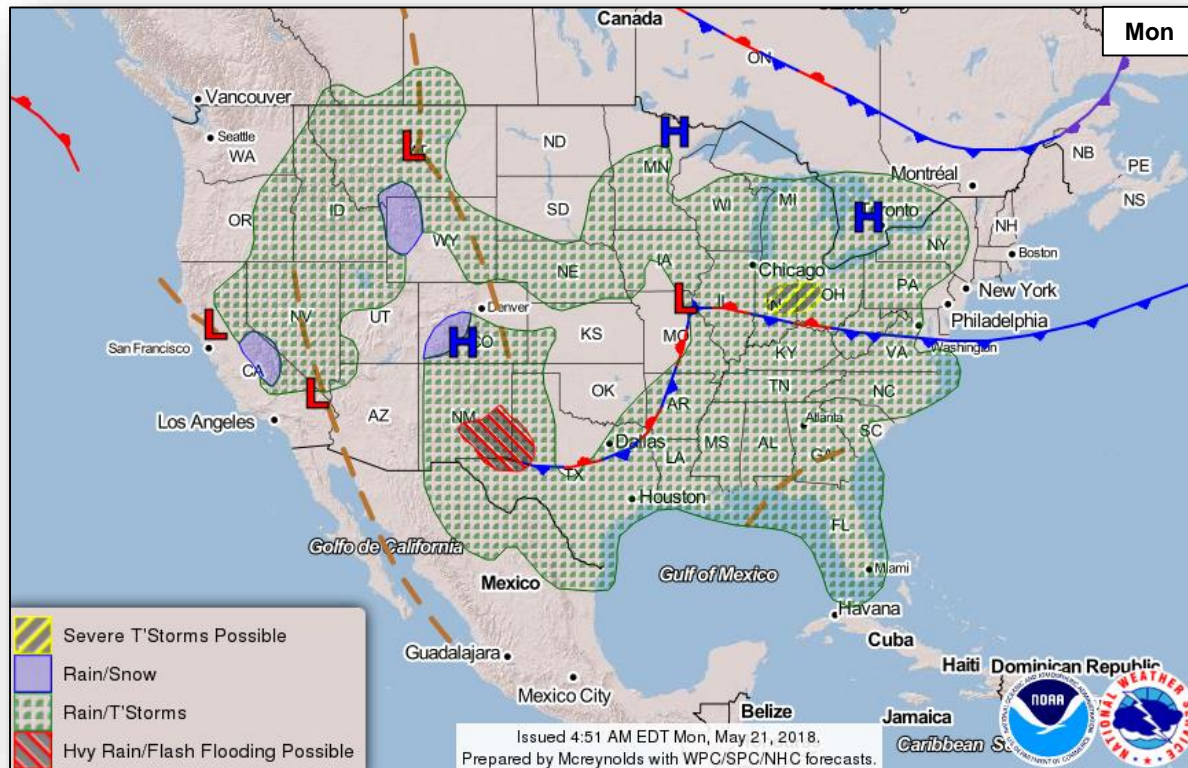
- Located from the northwestern Caribbean Sea across Cuba and the FL peninsula
- Environmental conditions expected to be unfavorable for development next couple of days
- Regardless of development, locally heavy rainfall is possible across western Cuba and Florida over next several days
- Formation chance through 48 hours: LOW (near 0%)
- Formation chance through 5 days: LOW (20%)



National Weather Forecast



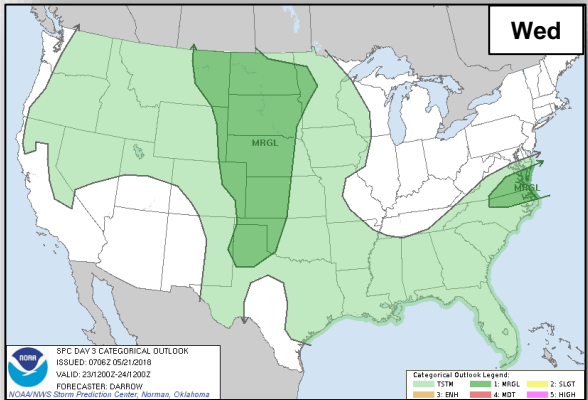
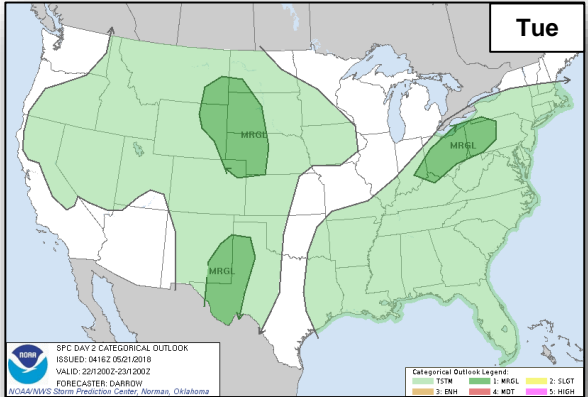
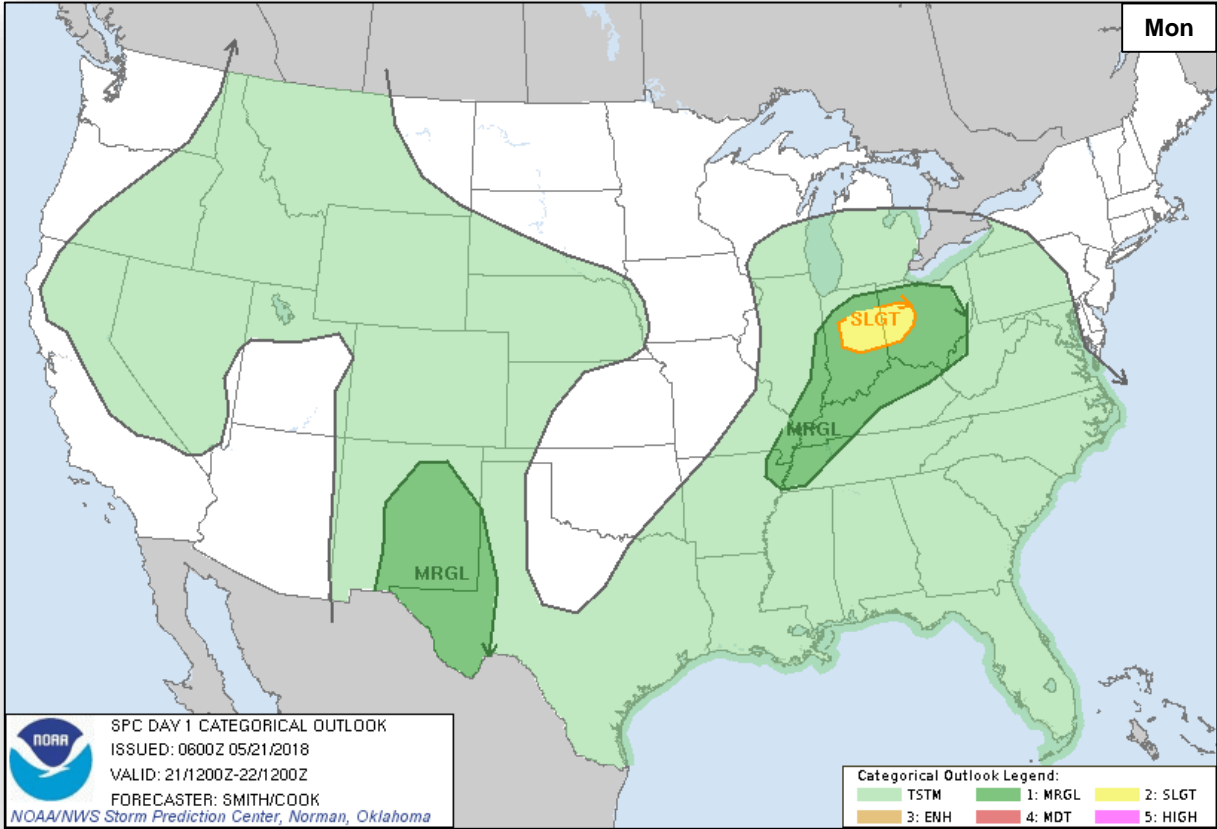
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Severe Weather Outlook



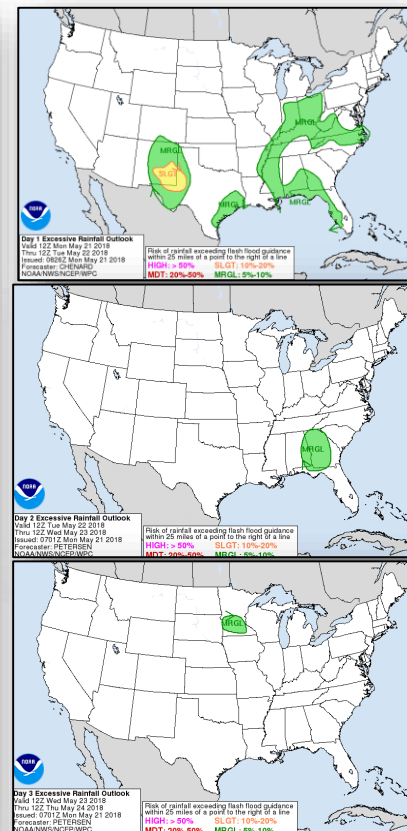
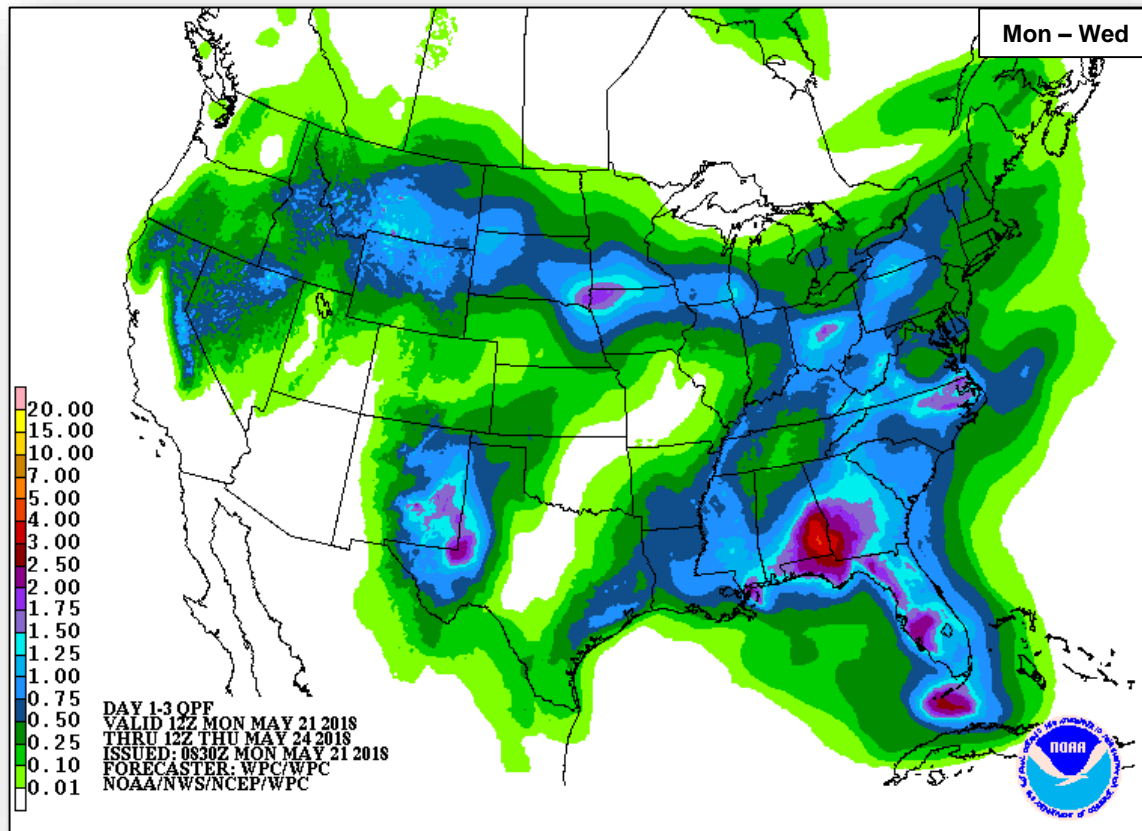
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Precipitation / Excessive Rainfall Forecast



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Mon

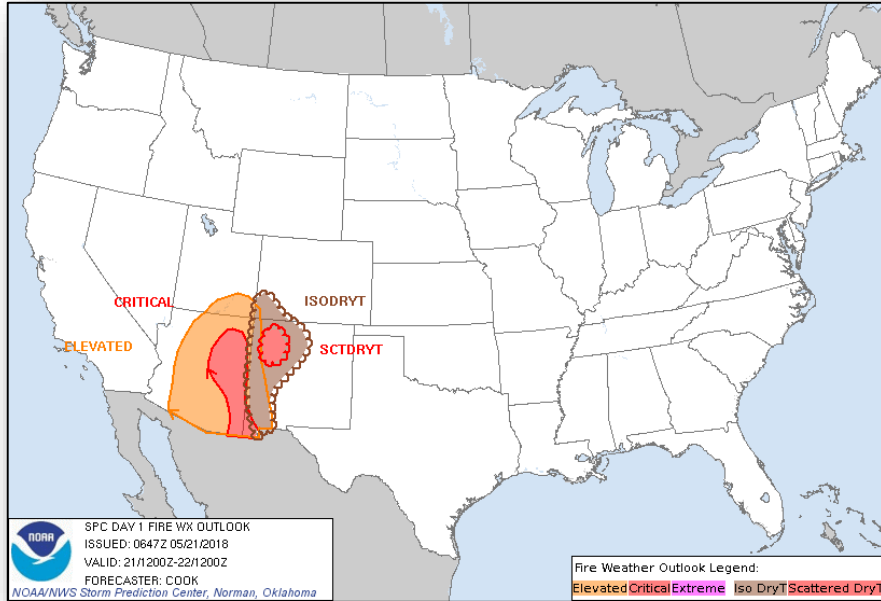
Tue

Wed

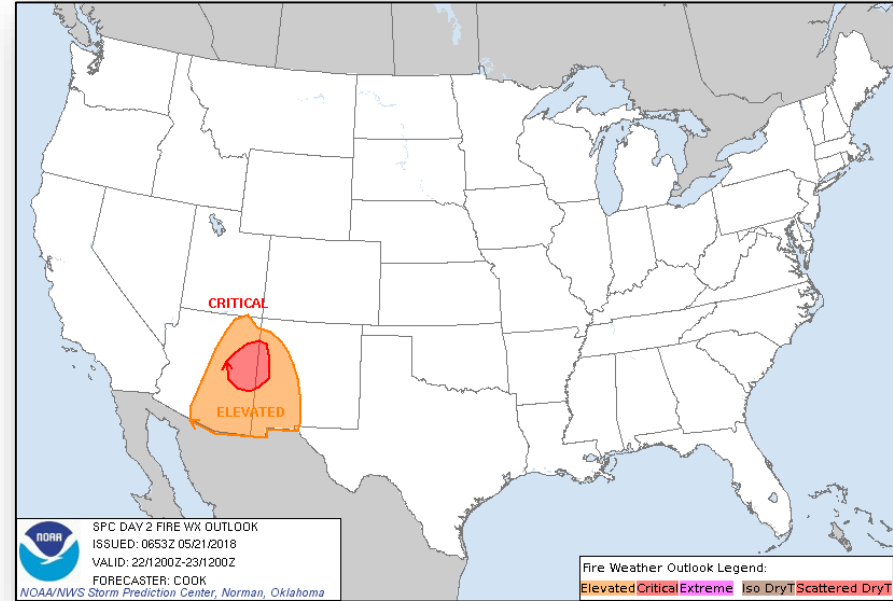
Fire Weather Outlook



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Monday

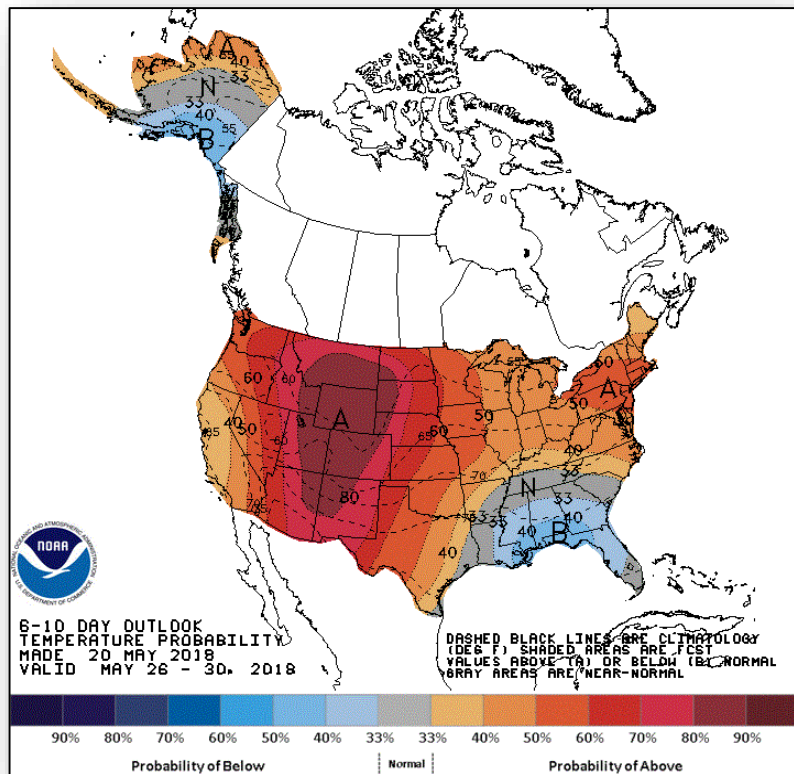


Tuesday

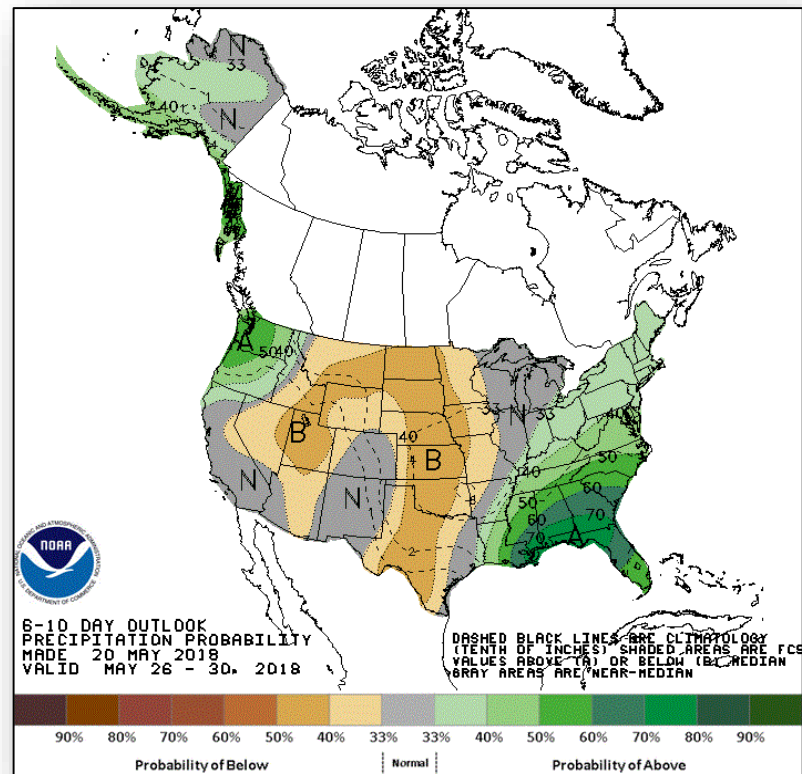
Long Range Outlooks – May 26-30



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Temperature Probability



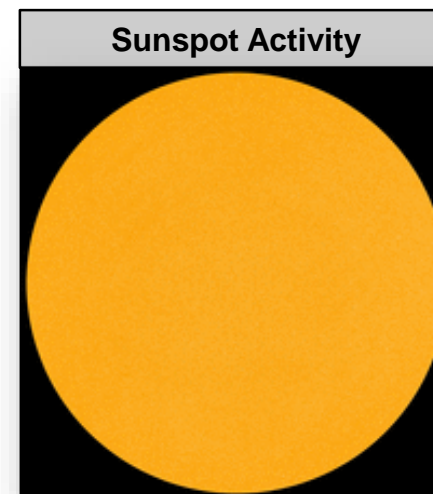
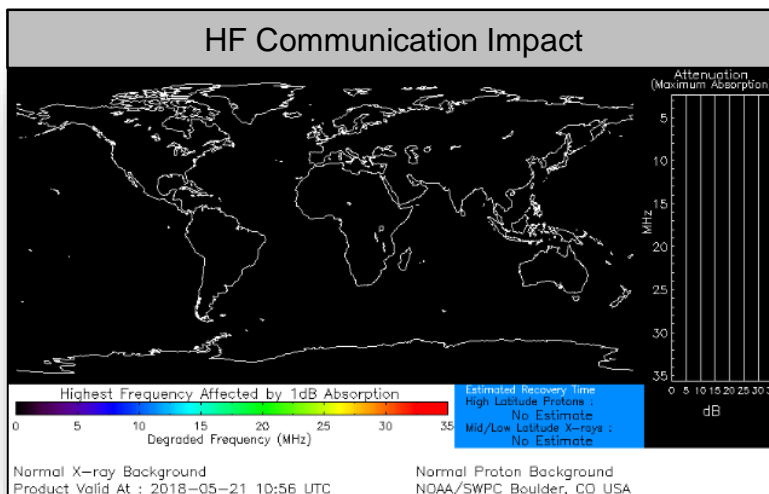
Precipitation Probability

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	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
	ME	Flooding May 1-7, 2018	IA	0	0	N/A
			PA	1	0	5/22 – TBD
V	IN	Flooding February 14 – March 4, 2018	IA	13	0	5/22 – TBD
			PA	0	0	N/A

Disaster Requests and Declarations



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Declaration Requests in Process					Requests APPROVED (since last report)	Requests DENIED (since last report)
8	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		
NE – DR Severe Winter Storm and Straight-line Winds		X	X	May 16, 2018		

Readiness – Deployable Teams and Assets



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Resource	Force Strength	Available	Deployed	Other	Cadres with 25% or Less Availability
Total Workforce	11,613 ▼	3,766 ▼ 32%	4,531 ▼	3,316	DI 23% (24/105); EHP 9% (32/365); ER 19% (6/32); FL 23% (31/134); HM 22% (212/969); IT 25% (153/617); PA 13% (236/1,834); SAF 22% (12/54); SEC 4% (4/100)
National IMATs* (1-2 Teams)	East 1: East 2: West:	Deployed Charlie B-2			
Regional IMATs (≤ 3 Teams)	Assigned: Available: PMC / NMC: Deployed:	 13 3 (-2) 3 (+1) 7 (+1)			
US&R (≥ 66%)	Assigned: Available: PMC / NMC: Deployed:	 28 28 0 0			
MERS (≥ 66%)	Assigned: Available: NMC: Deployed:	 36 34 (+1) 0 2 (-1)			
FCO (≤ 1 Type I)	Assigned: Available: PMC / NMC: Deployed:	 33 4 2 27			
FDRC (≥ 3)	Assigned: Available: PMC / NMC: Deployed:	 14 3 2 9	<p>As of 3:00 a.m. EDT May 21, 2018</p>		

* **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)	Steady State				
RRCCs (10 Regions)	Available				

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



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